

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084274.D
 Acq On : 5 Jan 2016 9:11
 Operator : UM/SJ
 Sample : G4949-02MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-1(20.0-20.5)MS

Manual Integrations
 APPROVED

Sohil
 1/5/2016 4:07:35 PM

Quant Time: Jan 05 11:20:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	267842	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1004965	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	425559	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	765121	20.00	ng	0.00
75) Chrysene-d12	14.05	240	537157	20.00	ng	-0.01
86) Perylene-d12	15.49	264	558137	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	2157514	130.29	ng	0.02
7) Phenol-d6	6.54	99	2954537	142.06	ng	0.01
23) Nitrobenzene-d5	7.46	82	1954078	108.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	634765	147.74	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2666608	112.26	ng	0.00
78) Terphenyl-d14	13.00	244	2316004	96.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	320964	40.92	ng	# 73
3) Pyridine	3.32	79	975912	44.62	ng	# 74
4) n-Nitrosodimethylamine	3.28	42	554373	49.38	ng	78
6) Aniline	6.56	93	766190	25.18	ng	# 2
8) 2-Chlorophenol	6.68	128	877646	46.71	ng	84
9) Benzaldehyde	6.44	77	347674	25.67	ng	93
10) Phenol	6.56	94	948767	40.12	ng	# 72
11) bis(2-Chloroethyl)ether	6.64	93	973816	53.16	ng	86
12) 1,3-Dichlorobenzene	6.83	146	888952m	45.87	ng	
13) 1,4-Dichlorobenzene	6.91	146	895969	46.10	ng	96
14) 1,2-Dichlorobenzene	7.07	146	843824	45.34	ng	96
15) Benzyl Alcohol	7.05	79	839936	48.01	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1486372	44.56	ng	94
17) 2-Methylphenol	7.16	107	715039	45.41	ng	# 90
18) Hexachloroethane	7.40	117	410837	52.86	ng	90
19) n-Nitroso-di-n-propylamine	7.32	70	706746	50.20	ng	# 76
20) 3+4-Methylphenols	7.32	107	939485	50.76	ng	# 84
22) Acetophenone	7.31	105	1245507	51.54	ng	# 90
24) Nitrobenzene	7.48	77	967794	52.84	ng	96
25) Isophorone	7.72	82	1839849	53.28	ng	99
26) 2-Nitrophenol	7.80	139	509579	61.14	ng	95
27) 2,4-Dimethylphenol	7.85	122	765042	45.34	ng	93
28) bis(2-Chloroethoxy)methane	7.94	93	1153161	54.67	ng	# 92
29) 2,4-Dichlorophenol	8.04	162	714638	50.85	ng	95
30) 1,2,4-Trichlorobenzene	8.12	180	736743	50.78	ng	97
31) Naphthalene	8.20	128	2326723	51.03	ng	97
32) Benzoic acid	7.94	122	201864	22.43	ng	# 67
33) 4-Chloroaniline	8.26	127	473726	22.66	ng	95
34) Hexachlorobutadiene	8.33	225	444101	53.25	ng	99
35) Caprolactam	8.61	113	314548	66.39	ng	# 1
36) 4-Chloro-3-methylphenol	8.75	107	787492	50.02	ng	94
37) 2-Methylnaphthalene	8.90	142	1670314	51.03	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	668012	54.60	ng	96
40) Hexachlorocyclopentadiene	9.05	237	670308	90.76	ng	97

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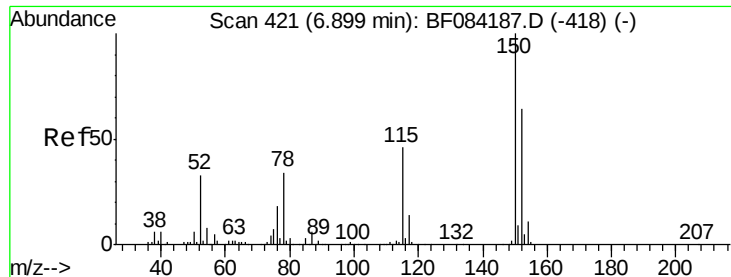
Manual Integrations
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Quant Time: Jan 05 11:20:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	508636	55.57	nq	94
43) 2,4,5-Trichlorophenol	9.23	196	455921	51.96	nq #	87
45) 1,1'-Biphenyl	9.37	154	1870897	55.32	nq	98
46) 2-Chloronaphthalene	9.39	162	1380875	51.98	nq	96
47) 2-Nitroaniline	9.48	65	524224	59.79	nq	94
48) Acenaphthylene	9.80	152	2021711	51.51	nq #	93
49) Dimethylphthalate	9.68	163	1927702	63.36	nq #	91
50) 2,6-Dinitrotoluene	9.73	165	382150	57.27	nq #	64
51) Acenaphthene	9.97	154	1433255	54.44	nq	99
52) 3-Nitroaniline	9.89	138	320064	38.71	nq	99
53) 2,4-Dinitrophenol	10.01	184	168078	60.06	nq	95
54) Dibenzofuran	10.16	168	1844499	54.74	nq #	96
55) 4-Nitrophenol	10.08	139	619302	103.19	nq #	73
56) 2,4-Dinitrotoluene	10.13	165	421592	49.92	nq #	79
57) Fluorene	10.50	166	1567051	60.24	nq #	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	344883	46.04	nq #	94
59) Diethylphthalate	10.37	149	1604656	53.50	nq	96
60) 4-Chlorophenyl-phenylether	10.49	204	681679	64.74	nq	99
61) 4-Nitroaniline	10.51	138	294732	39.99	nq	94
62) Azobenzene	10.65	77	1753999	53.31	nq	89
64) 4,6-Dinitro-2-methylphenol	10.54	198	201353	43.15	nq	92
65) n-Nitrosodiphenylamine	10.60	169	1492356	61.00	nq	93
66) 4-Bromophenyl-phenylether	10.98	248	431665	52.42	nq	99
67) Hexachlorobenzene	11.05	284	477160	51.48	nq	96
68) Atrazine	11.14	200	504075	62.97	nq	97
69) Pentachlorophenol	11.24	266	384619	80.03	nq	99
70) Phenanthrene	11.46	178	2345783	58.61	nq	97
71) Anthracene	11.50	178	2129234	54.27	nq	96
72) Carbazole	11.66	167	1857959	48.44	nq	98
73) Di-n-butylphthalate	11.98	149	2167351	56.68	nq #	95
74) Fluoranthene	12.64	202	2094835	50.11	nq	95
76) Benzidine	12.75	184	306690	15.92	nq	99
77) Pyrene	12.87	202	2177554	51.66	nq	97
79) Butylbenzylphthalate	13.48	149	928073	50.88	nq	95
80) Benzo(a)anthracene	14.04	228	1471732	46.66	nq	98
81) 3,3'-Dichlorobenzidine	14.01	252	407867	37.05	nq #	96
82) Chrysene	14.09	228	1504131	49.63	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1063277	46.14	nq #	96
84) Di-n-octyl phthalate	14.65	149	1758083	45.19	nq #	87
85) Indeno(1,2,3-cd)pyrene	16.92	276	1722951	71.71	nq	100
87) Benzo(b)fluoranthene	15.08	252	1608174	44.05	nq	97
88) Benzo(k)fluoranthene	15.12	252	1466878m	49.13	nq	
89) Benzo(a)pyrene	15.44	252	1501249	48.48	nq #	96
90) Dibenzo(a,h)anthracene	16.95	278	1435602	53.87	nq #	94
91) Benzo(g,h,i)perylene	17.35	276	1412347	51.18	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

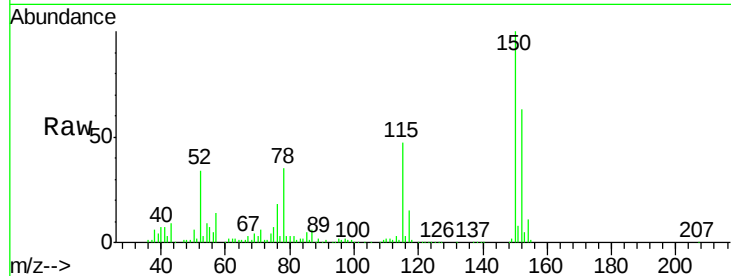
ClientSampleId :

PJ-SB-1(20.0-20.5)MS

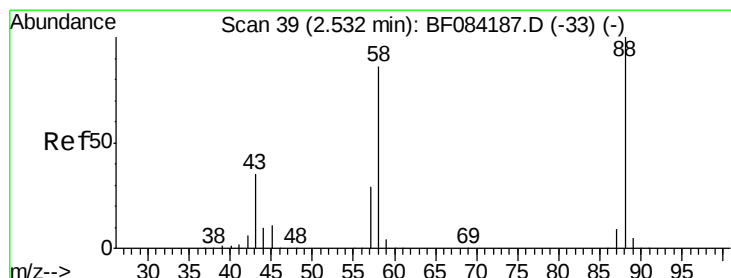
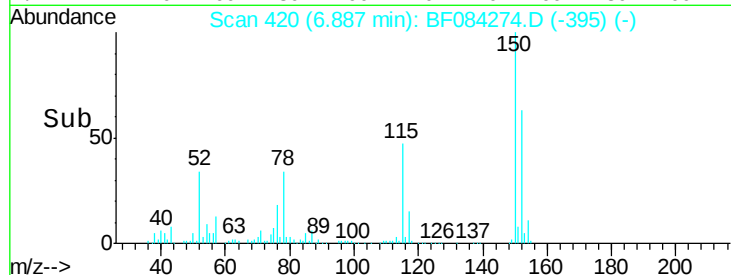
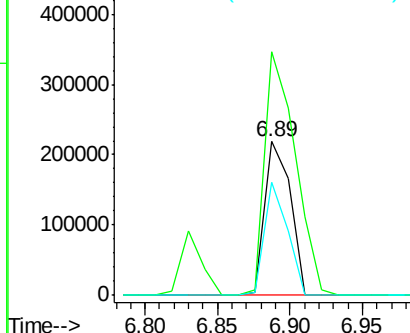
Tot Ion:	152	Resp:	267842
Ion Ratio	Lower	Upper	
152	100		
150	158.7	123.0	184.4
115	74.1	51.4	77.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.92 ng

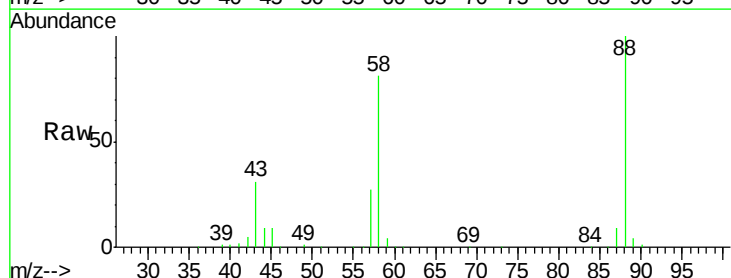
RT: 2.58 min Scan# 43

Delta R.T. 0.05 min

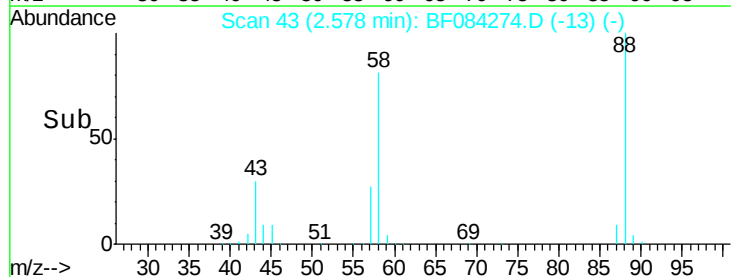
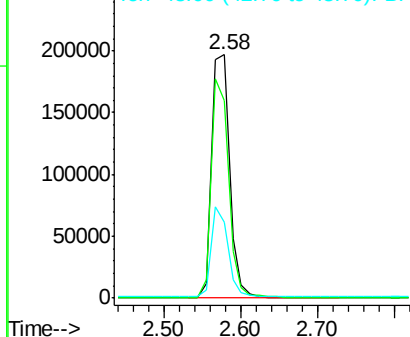
Lab File: BF084274.D

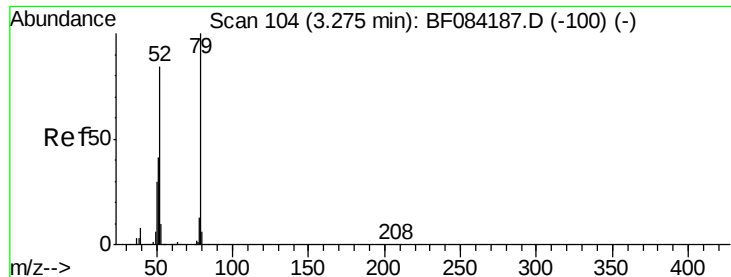
Acq: 5 Jan 2016 9:11

Tgt Ion:	88	Resp:	320964
Ion Ratio	Lower	Upper	
88	100		
58	87.4	51.2	76.8#
43	33.4	19.5	29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.62 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.05 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

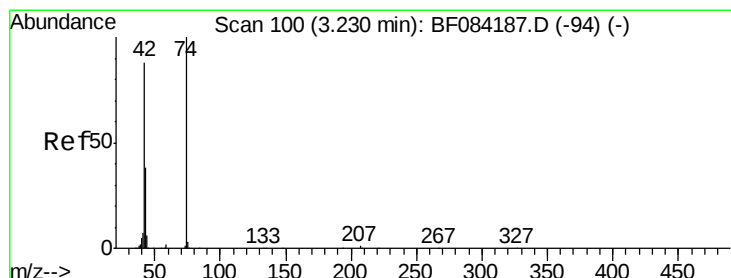
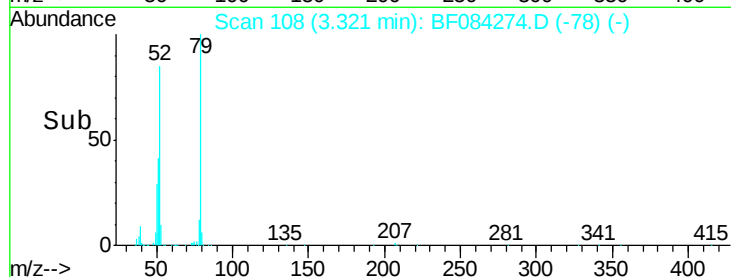
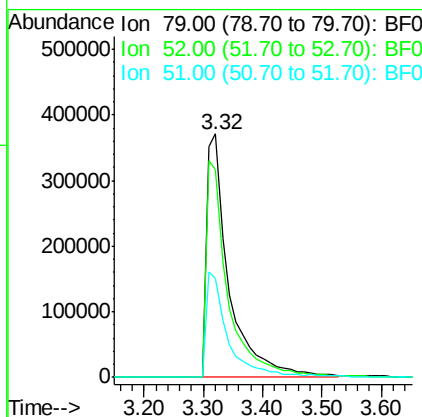
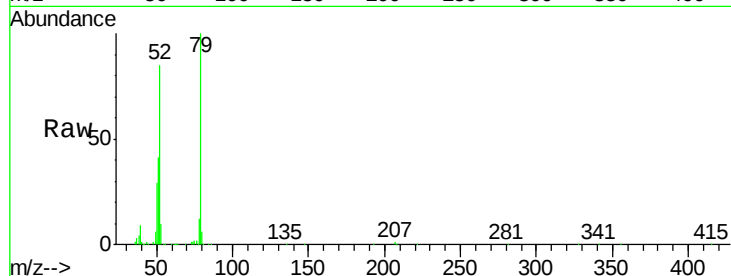
ClientSampleId :

PJ-SB-1(20.0-20.5)MS

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Tot Ion	Ratio	Lower	Upper
79	100		
52	85.1	49.0	73.4#
51	40.7	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 49.38 ng

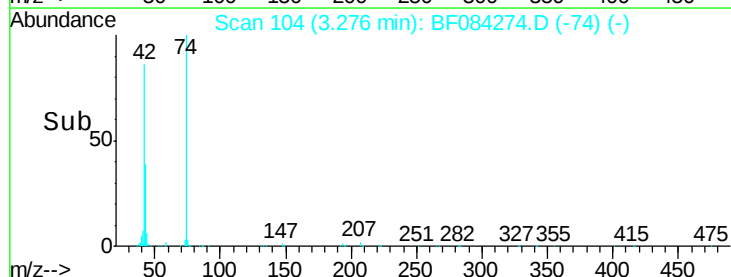
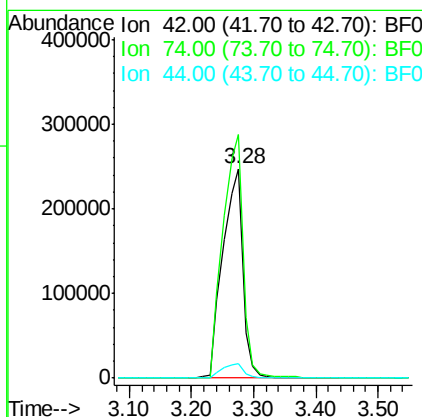
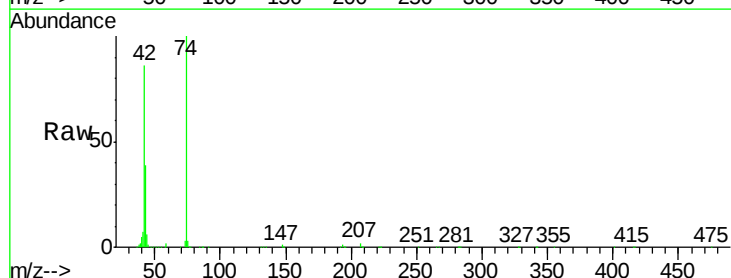
RT: 3.28 min Scan# 104

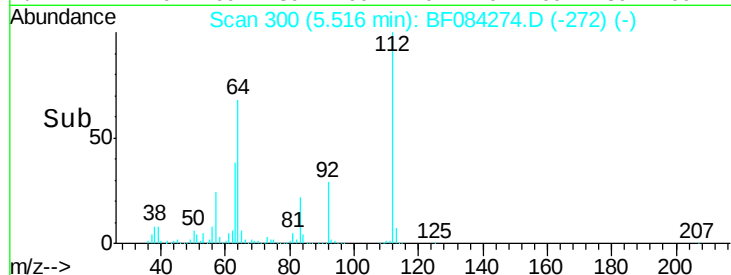
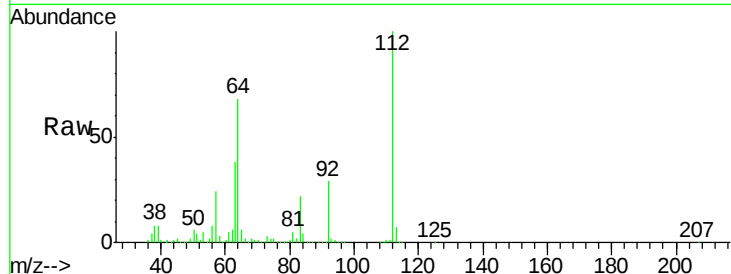
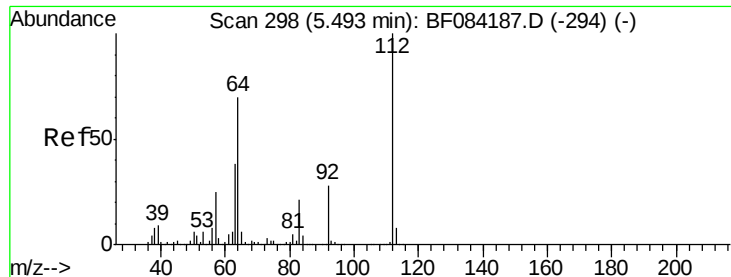
Delta R.T. 0.05 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.5	115.7	173.5
44	7.2	5.1	7.7





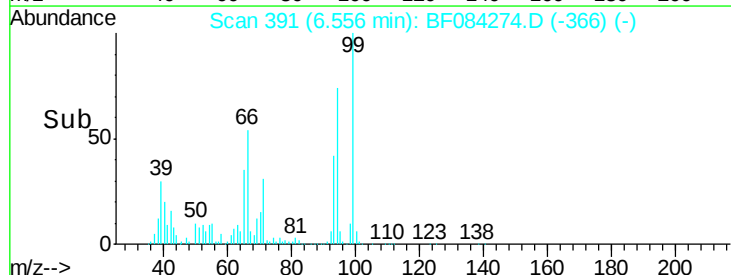
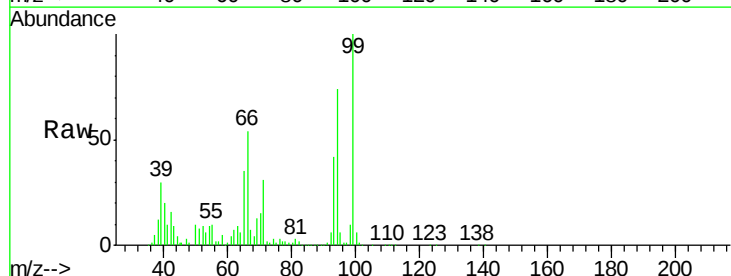
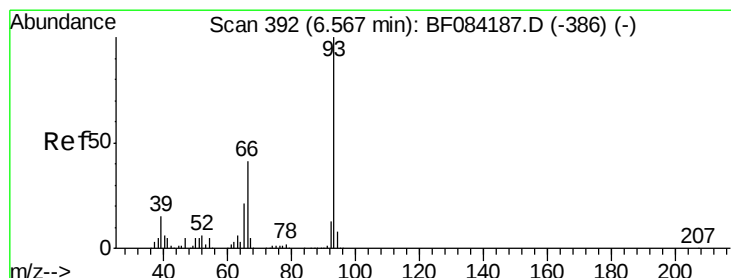
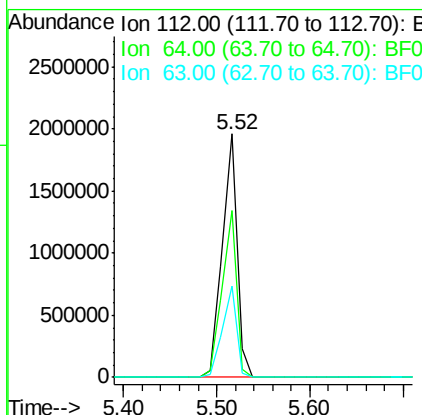
#5
2-Fluorophenol
Concen: 130.29 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.02 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tot Ion: 112 Resp: 2157514
Ion Ratio Lower Upper
112 100
64 68.3 36.6 55.0#
63 37.5 19.4 29.0#

Instrument :
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ClientSampleId :
PJ-SB-1(20.0-20.5)MS

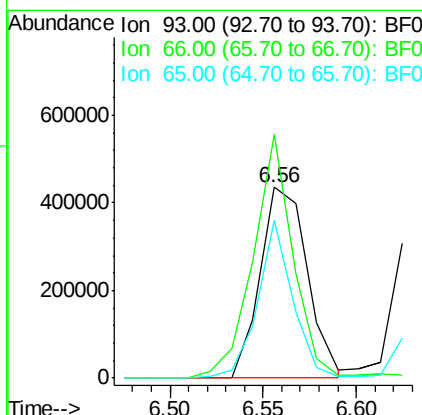
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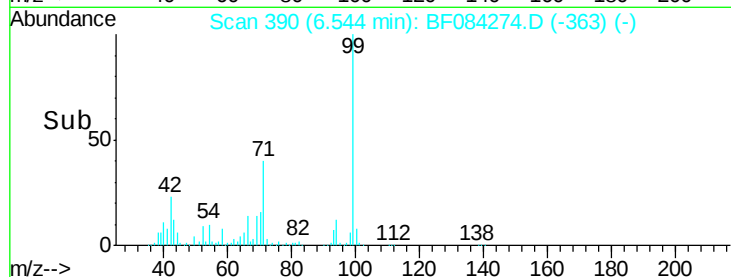
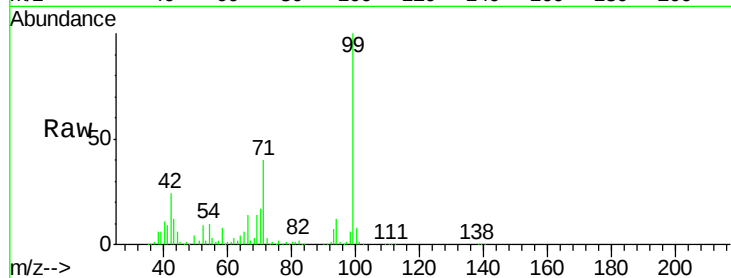
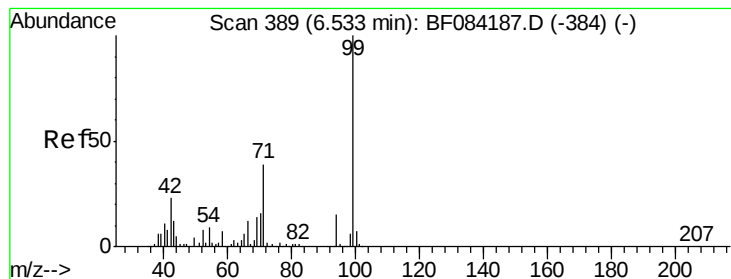
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#6
Aniline
Concen: 25.18 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion: 93 Resp: 766190
Ion Ratio Lower Upper
93 100
66 127.7 44.9 67.3#
65 82.8 23.7 35.5#





#7

Phenol-d6

Concen: 142.06 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tot Ion:	99	Resp:	2954537
Ion	Ratio	Lower	Upper
99	100		
42	23.6	12.8	19.2#
71	40.3	30.9	46.3

Instrument :

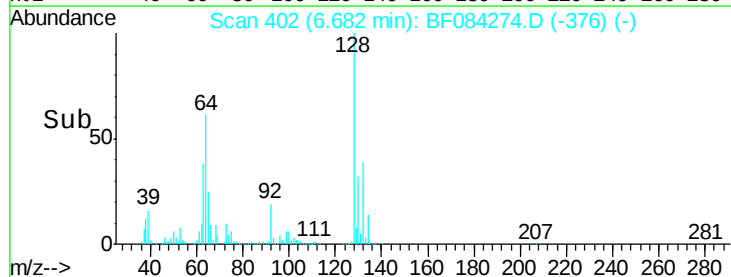
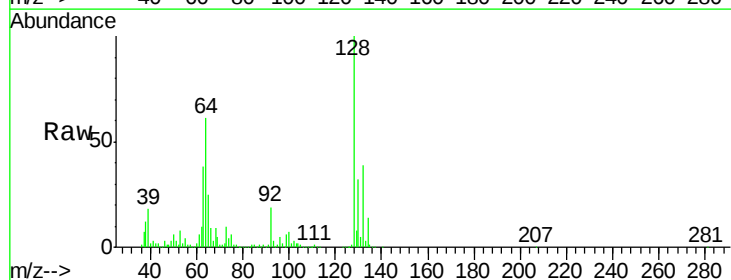
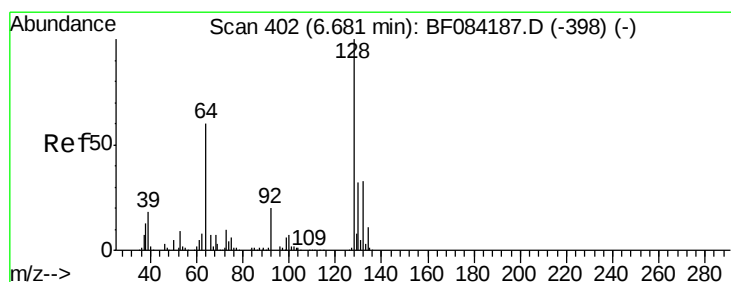
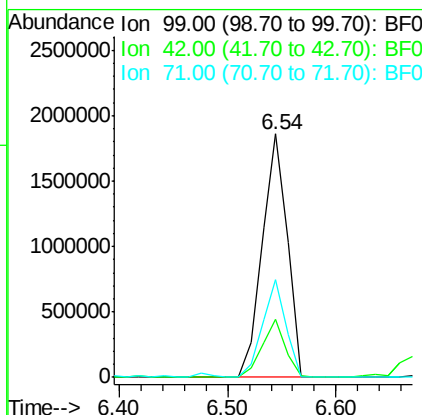
BNA_F

ClientSampleId :

PJ-SB-1(20.0-20.5)MS

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#8

2-Chlorophenol

Concen: 46.71 ng

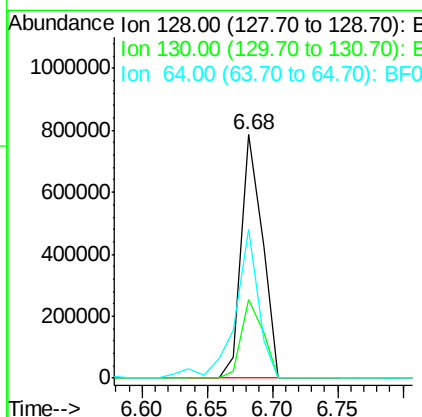
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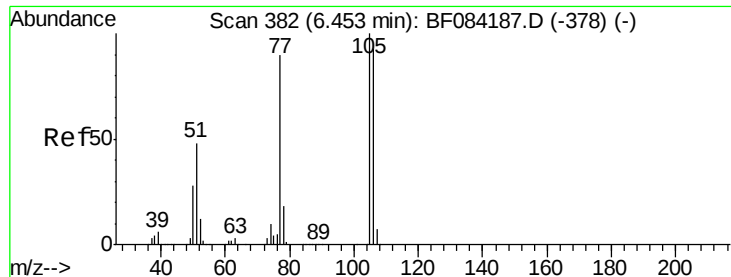
Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:	128	Resp:	877646
Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.6	51.6
64	61.2	23.8	63.8





#9

Benzaldehyde

Concen: 25.67 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

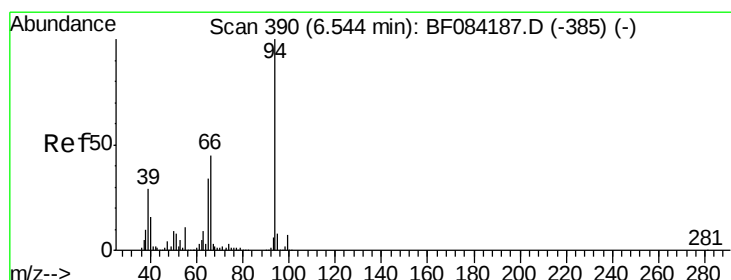
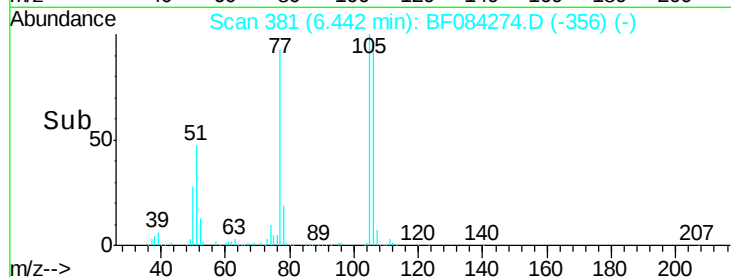
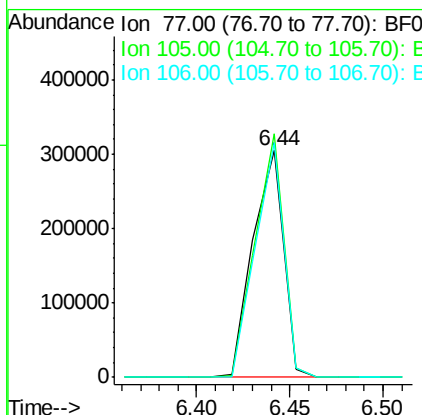
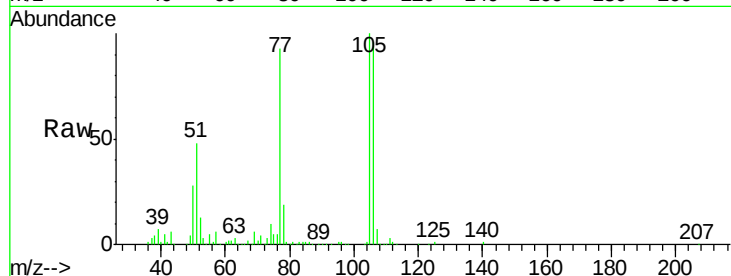
ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	107.3	83.0	123.0		
106	103.3	74.6	114.6		

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#10

Phenol

Concen: 40.12 ng

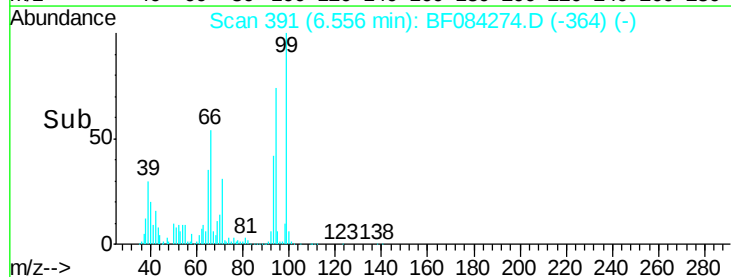
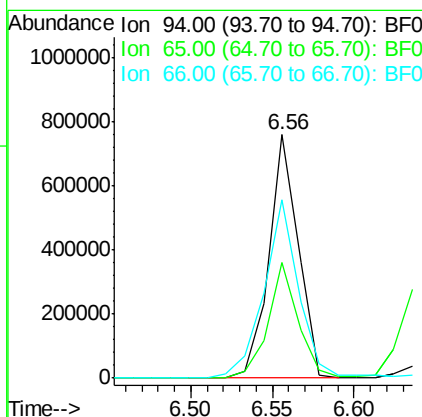
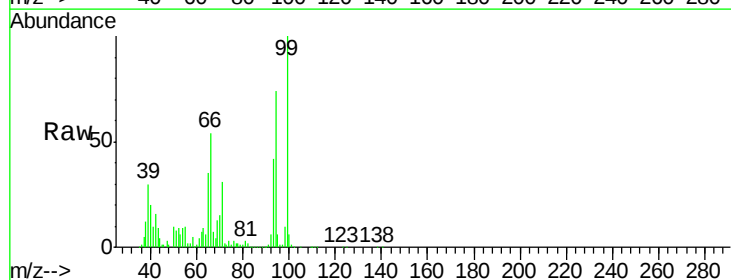
RT: 6.56 min Scan# 391

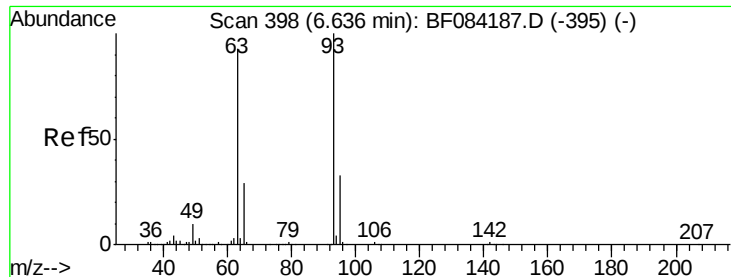
Delta R.T. 0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	47.4	12.9	52.9		
66	73.1	32.7	72.7		





#11

bis(2-Chloroethyl)ether

Concen: 53.16 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

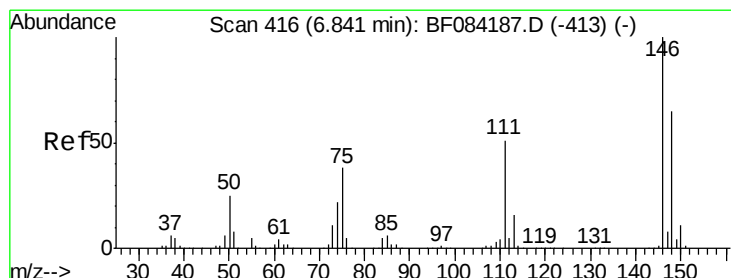
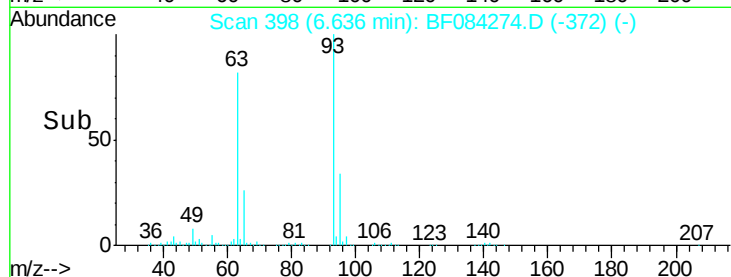
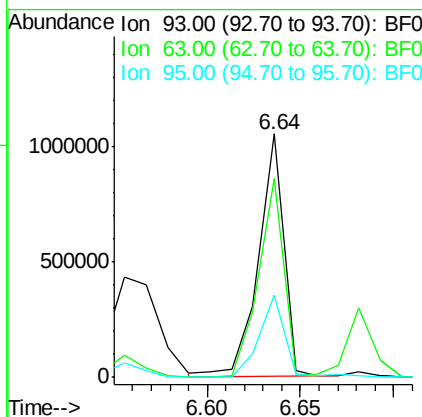
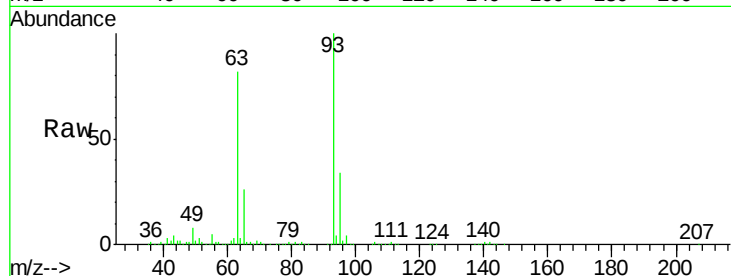
ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Tot Ion:	93	Resp:	973816
Ion Ratio	Lower	Upper	
93	100		
63	81.8	45.9	85.9
95	33.8	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 45.87 ng m

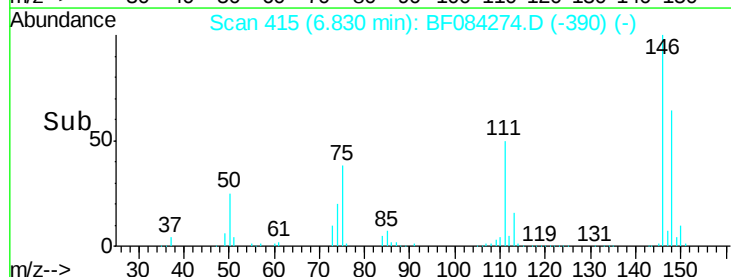
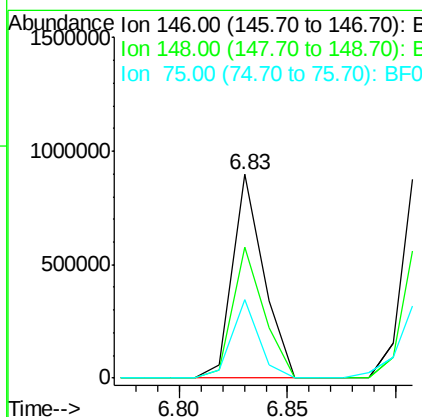
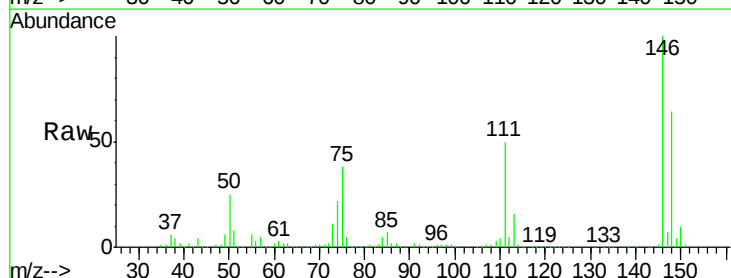
RT: 6.83 min Scan# 415

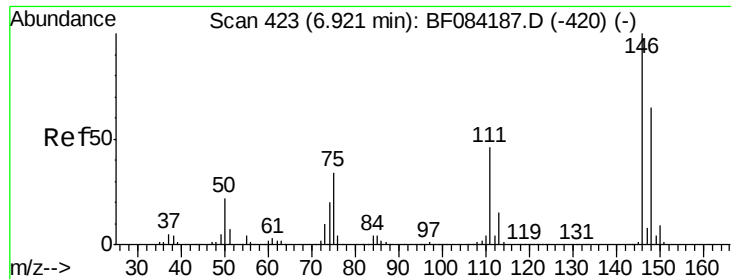
Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:	146	Resp:	888952
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.9	77.9
75	38.4	20.5	30.7#





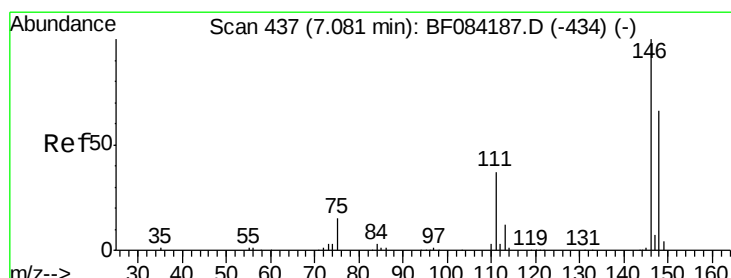
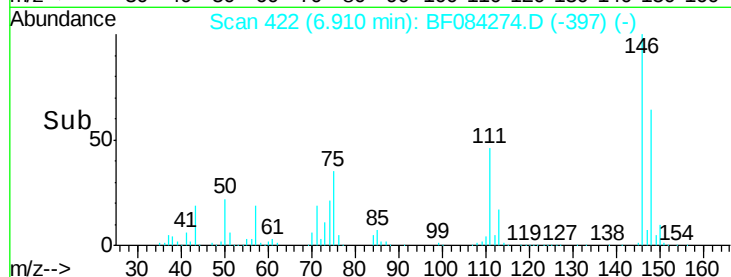
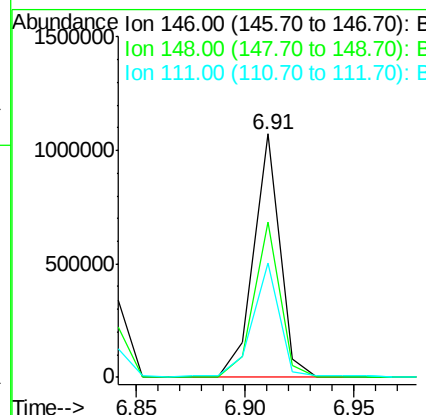
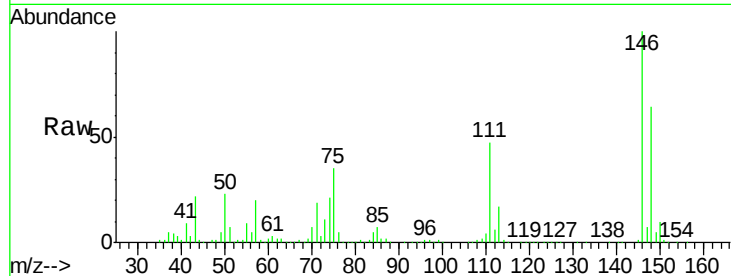
#13
 1,4-Dichlorobenzene
 Concen: 46.10 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
111	46.9	41.6	62.4

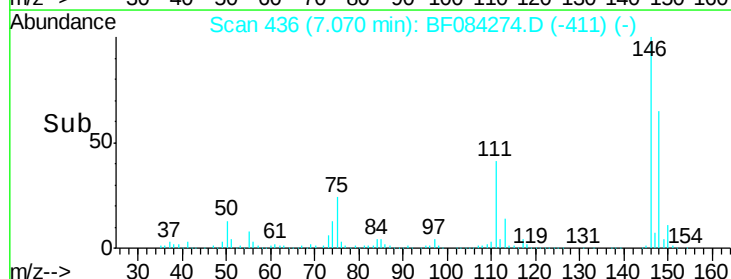
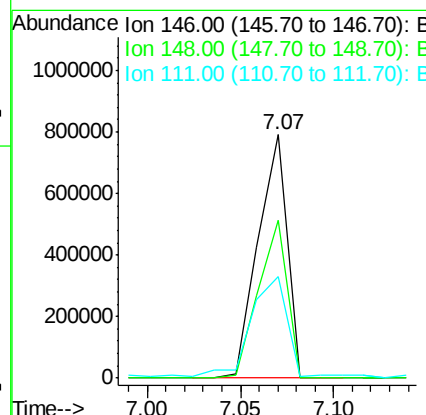
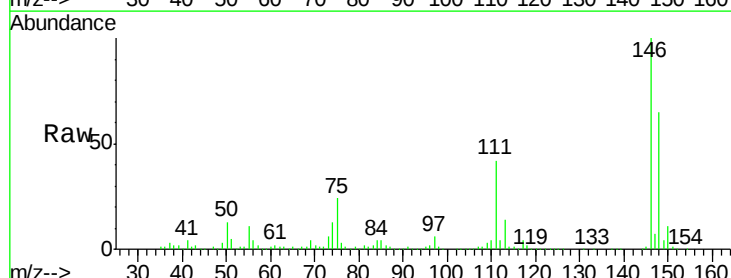
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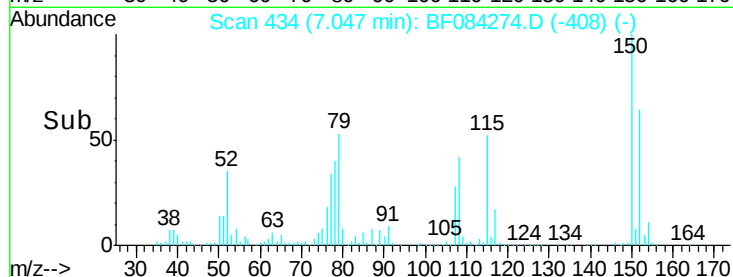
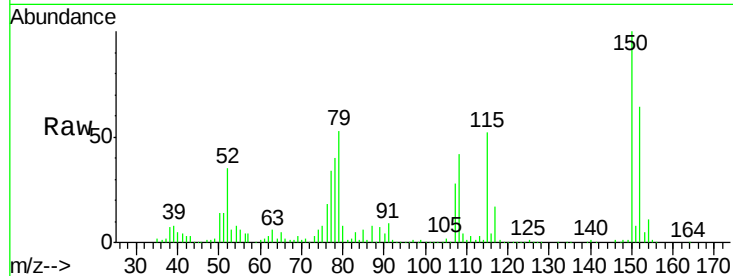
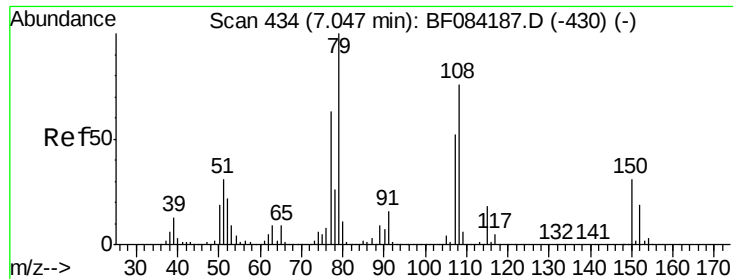
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#14
 1,2-Dichlorobenzene
 Concen: 45.34 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.6	77.4
111	41.6	38.0	57.0





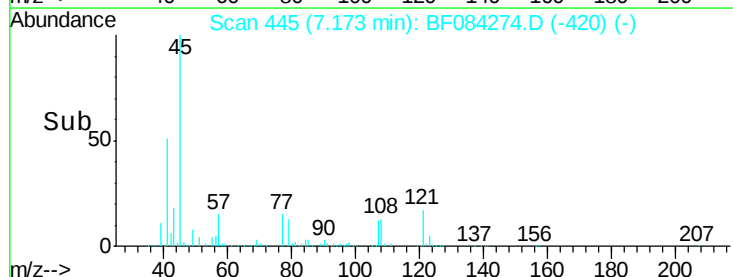
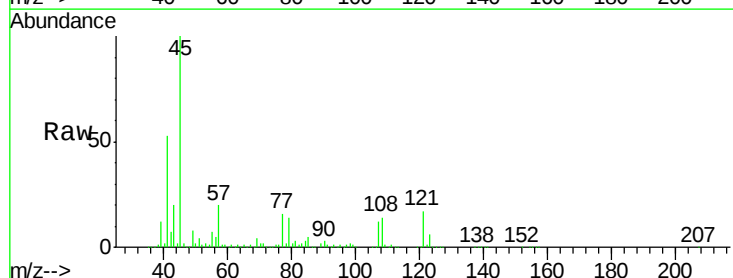
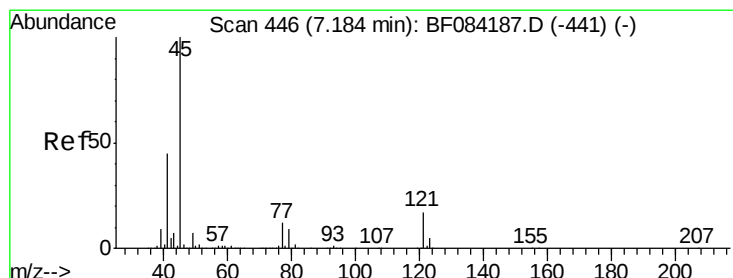
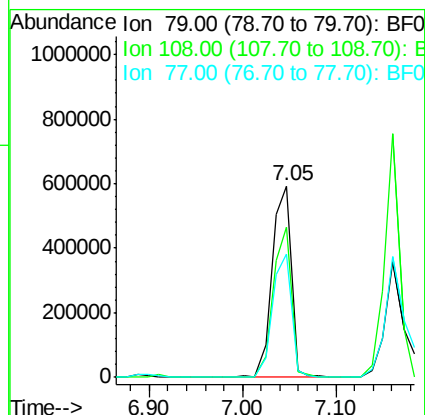
#15
Benzyl Alcohol
Concen: 48.01 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tot Ion: 79 Resp: 839936
Ion Ratio Lower Upper
79 100
108 78.4 69.0 103.4
77 64.6 50.0 75.0

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

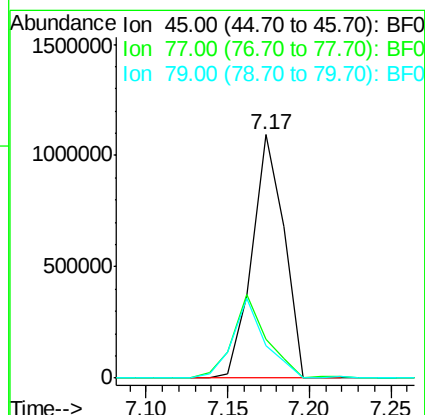
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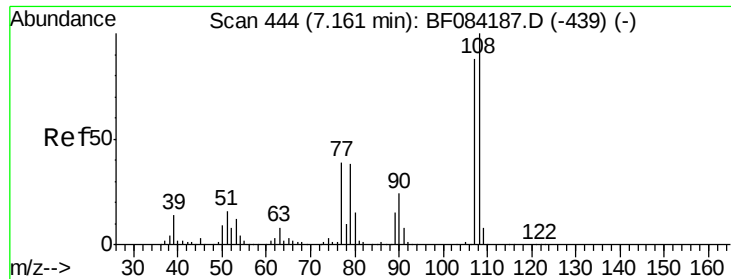
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.56 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion: 45 Resp: 1486372
Ion Ratio Lower Upper
45 100
77 16.2 0.0 39.6
79 13.6 0.0 35.0





#17

2-Methylphenol

Concen: 45.41 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

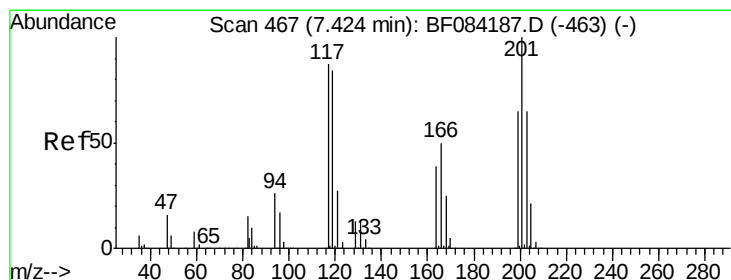
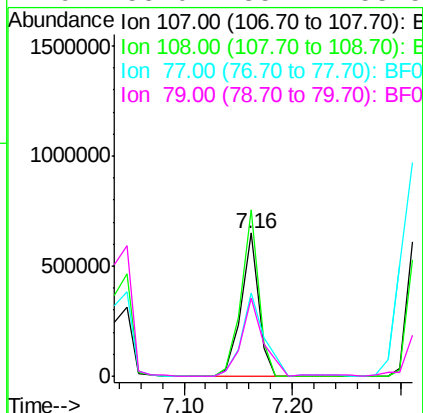
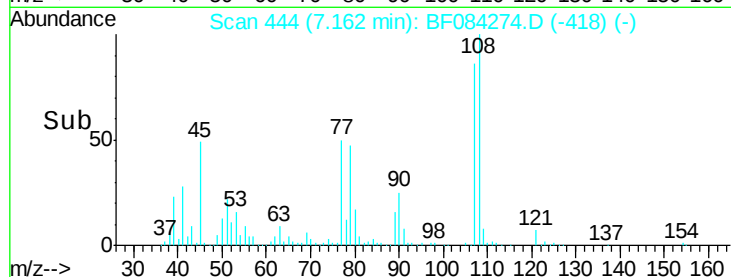
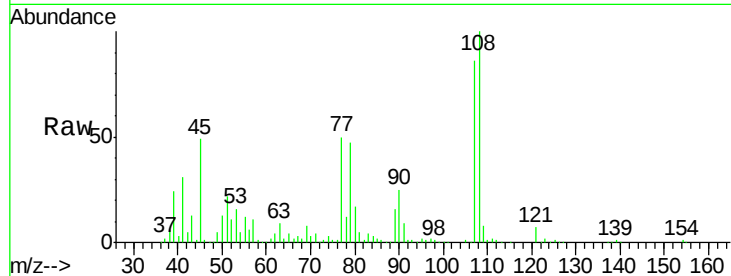
ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.4	89.8	134.6	
77	58.0	35.7	53.5#	
79	55.0	35.7	53.5#	

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#18

Hexachloroethane

Concen: 52.86 ng

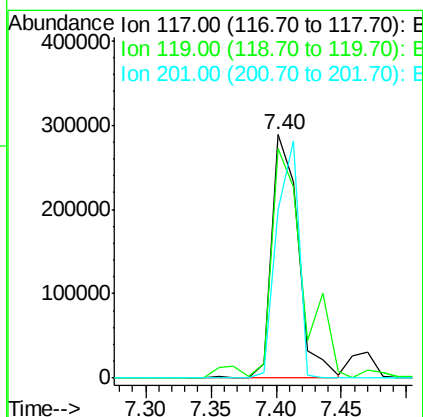
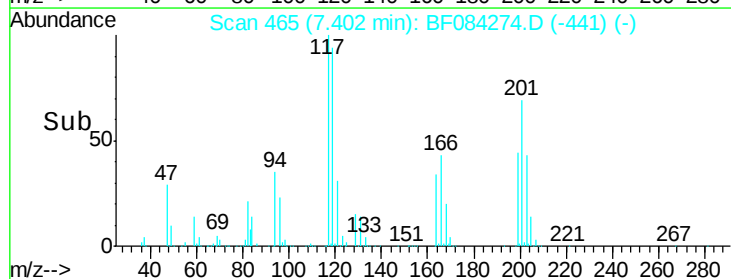
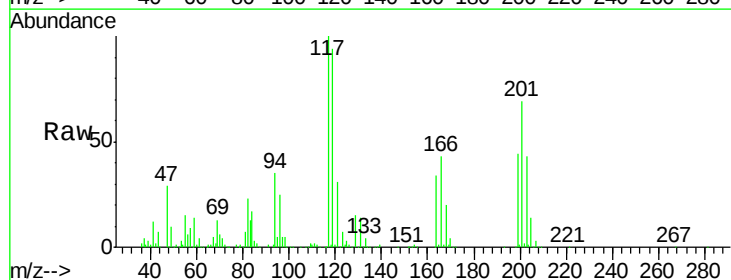
RT: 7.40 min Scan# 465

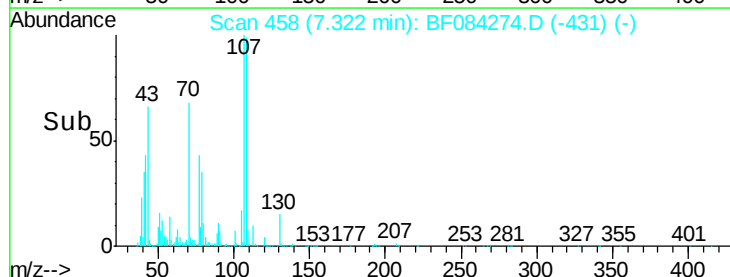
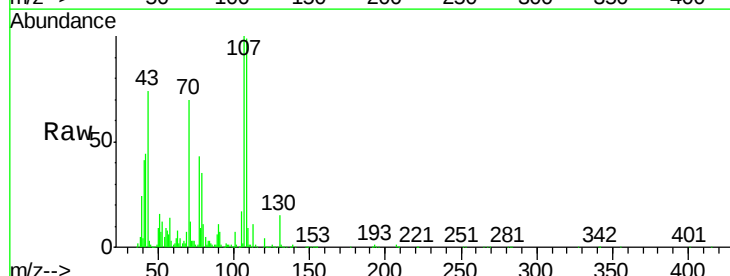
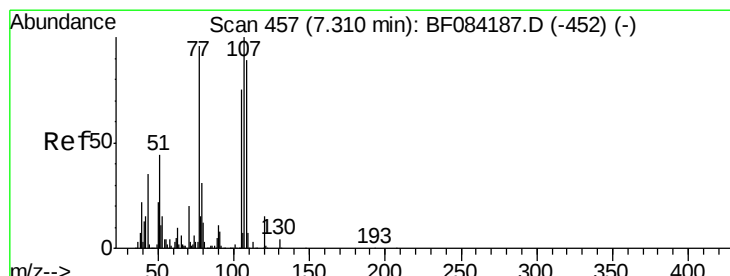
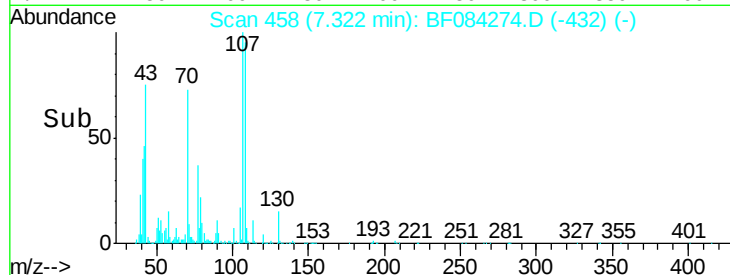
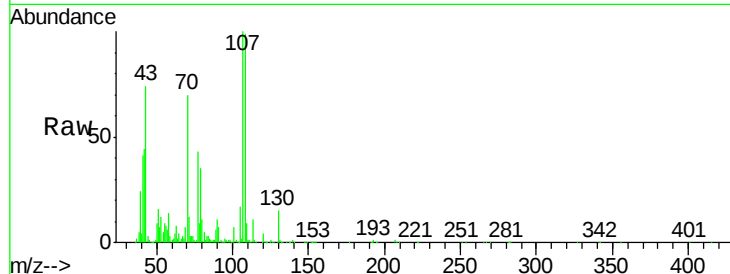
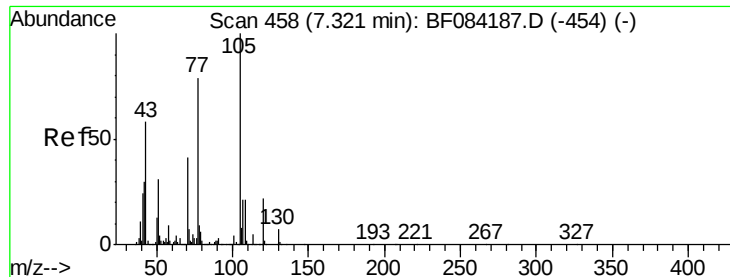
Delta R.T. -0.02 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	77.4	116.0	
201	69.0	68.6	103.0	





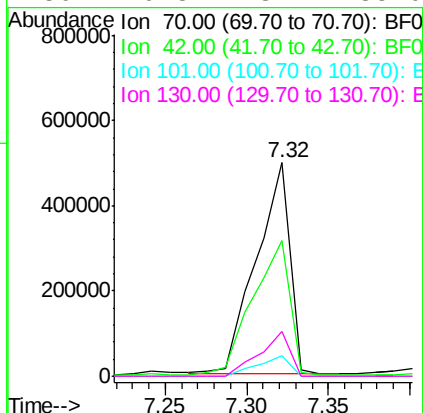
#19
n-Nitroso-di-n-propylamine
Concen: 50.20 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	63.3	33.3	49.9#
101	9.4	9.3	13.9
130	20.8	23.4	35.0#

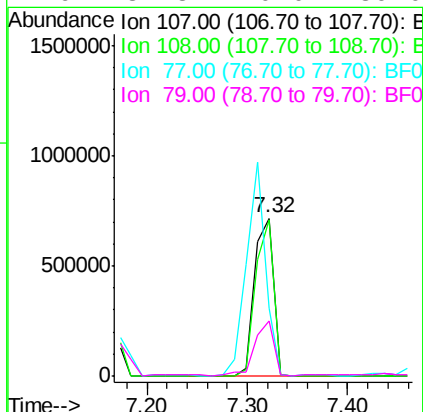
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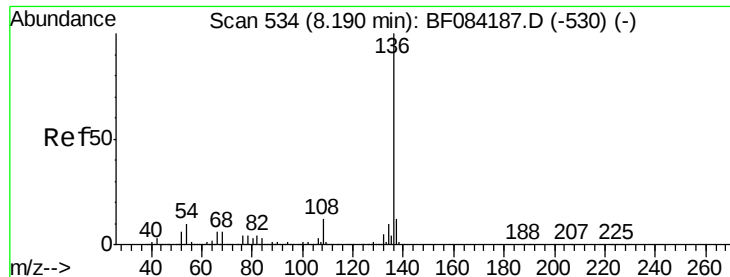
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#20
3+4-Methylphenols
Concen: 50.76 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	98.9	74.6	114.6
77	43.5	0.7	40.7#
79	34.8	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Tot Ion:136 Resp: 1004965

Ion Ratio Lower Upper

136 100

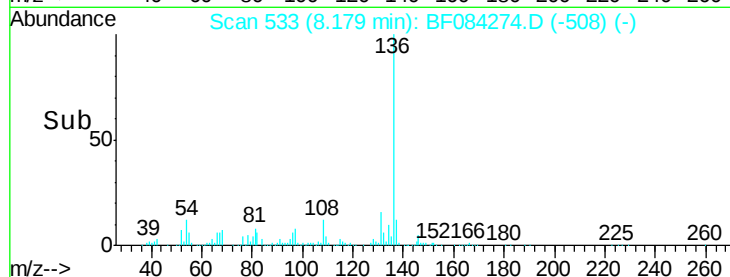
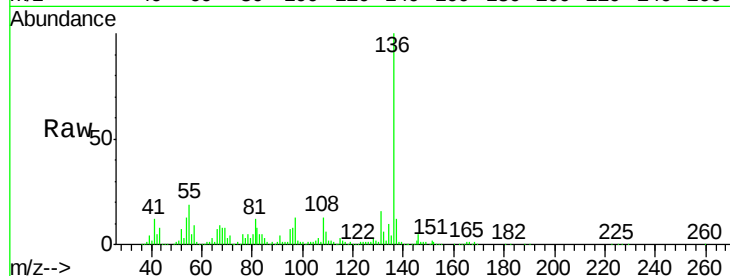
137 12.1 8.7 13.1

54 12.6 5.8 8.8#

68 8.2 4.2 6.2#

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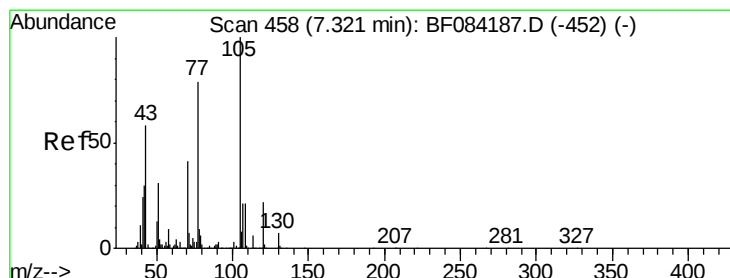
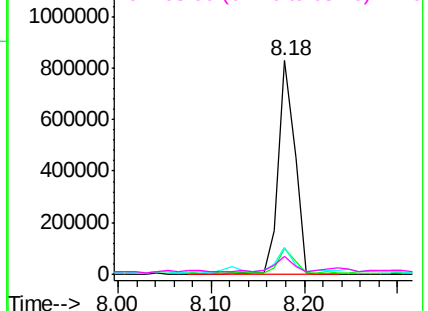
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 51.54 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:105 Resp: 1245507

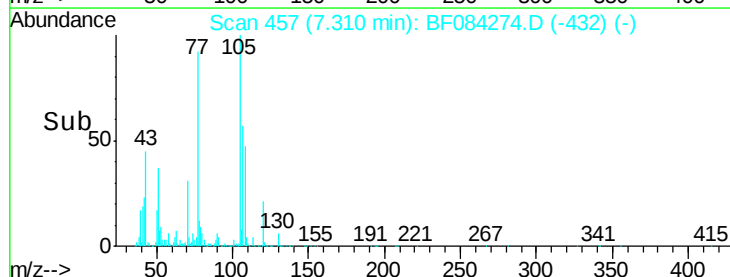
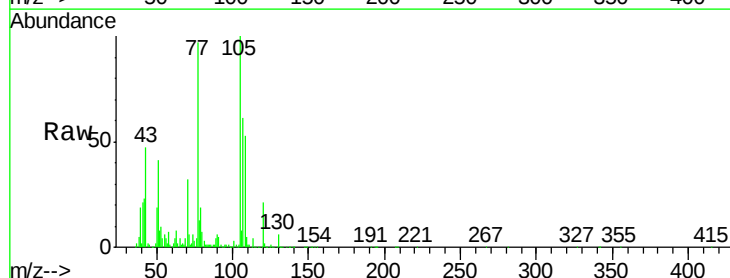
Ion Ratio Lower Upper

105 100

71 5.7 3.7 5.5#

51 40.7 25.1 37.7#

120 21.3 16.6 25.0



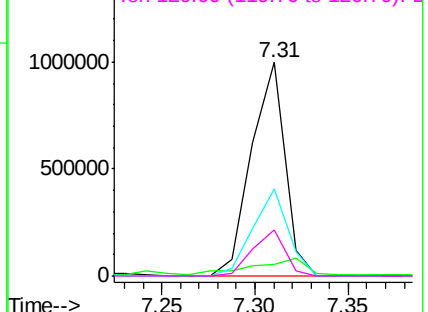
Abundance

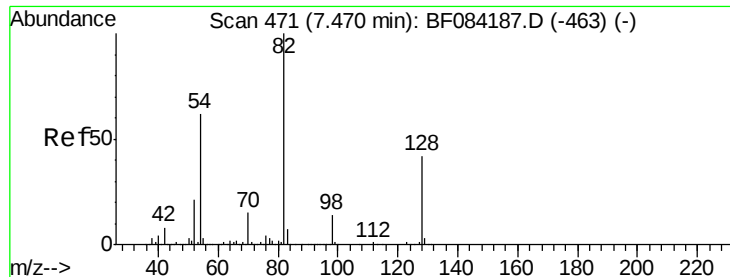
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





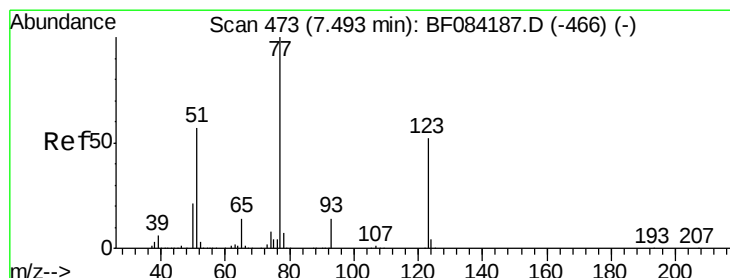
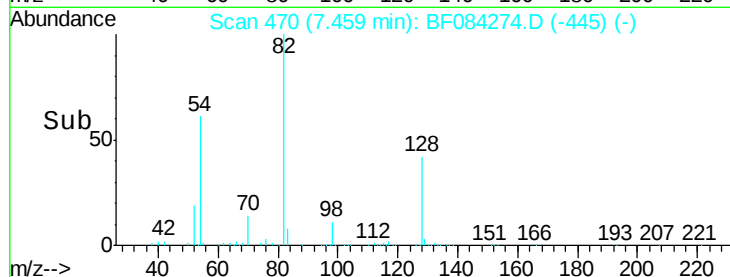
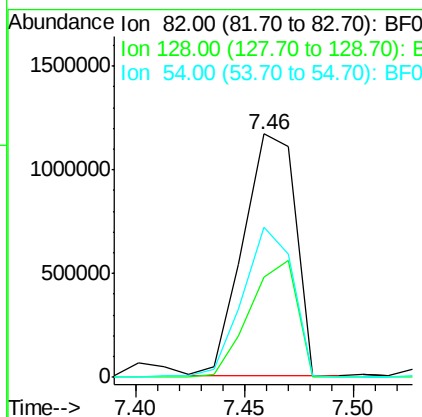
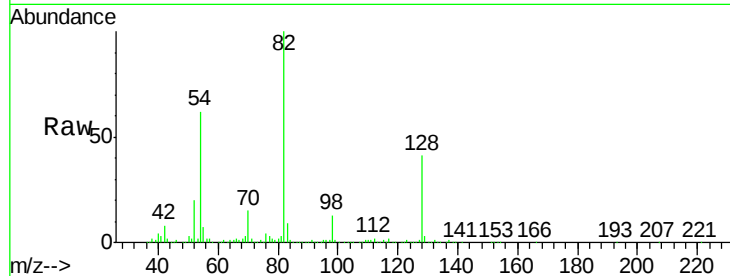
#23
 Nitrobenzene-d5
 Concen: 108.22 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	51.8
54	61.5	38.4	57.6

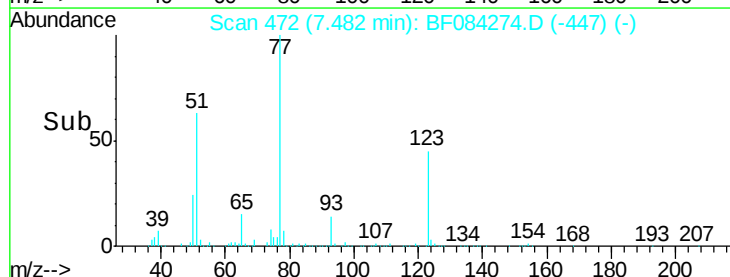
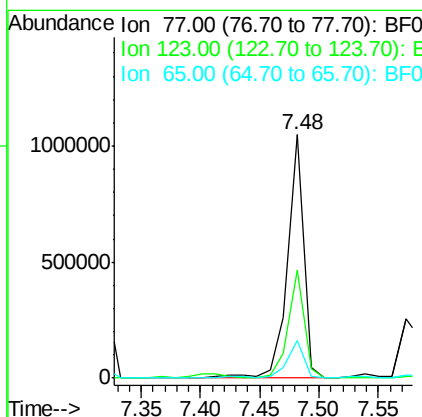
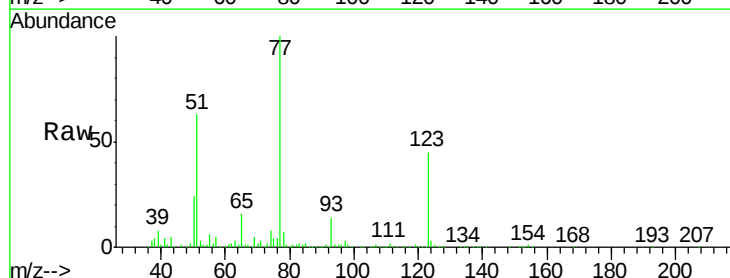
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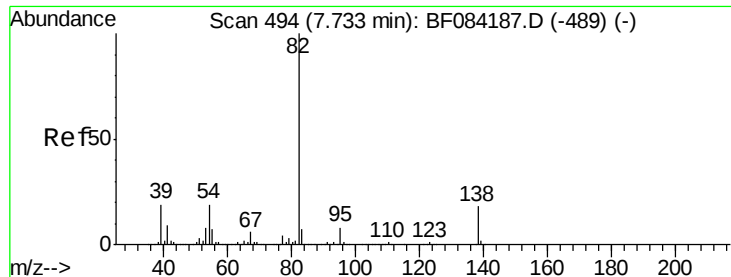
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#24
 Nitrobenzene
 Concen: 52.84 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	37.4	56.2
65	15.5	10.9	16.3





#25

Isophorone

Concen: 53.28 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Tot Ion: 82 Resp: 1839849

Ion Ratio Lower Upper

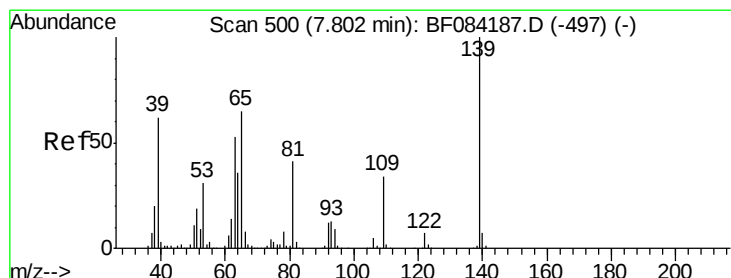
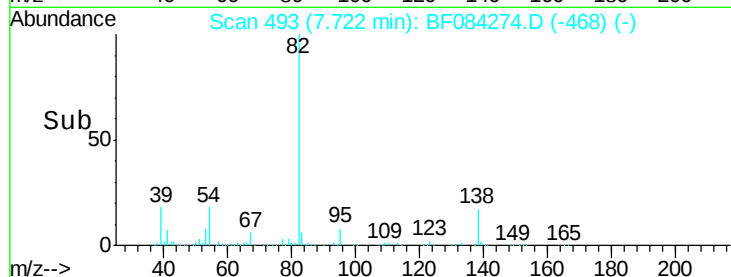
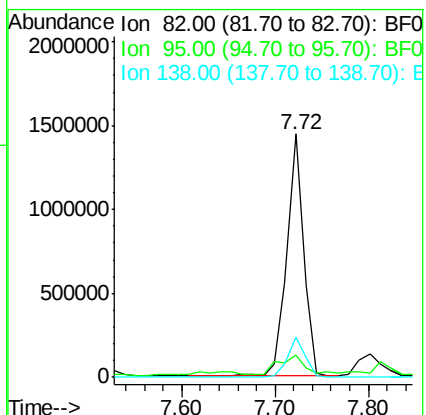
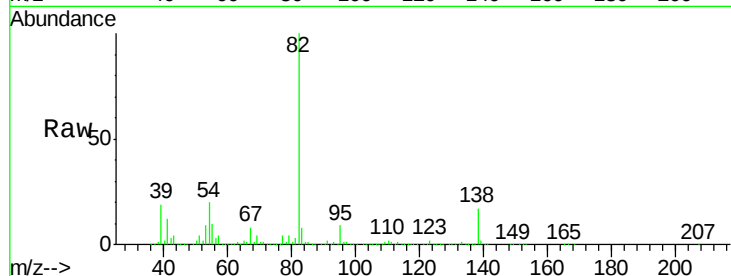
82 100

95 9.2 6.6 10.0

138 16.6 13.6 20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 61.14 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

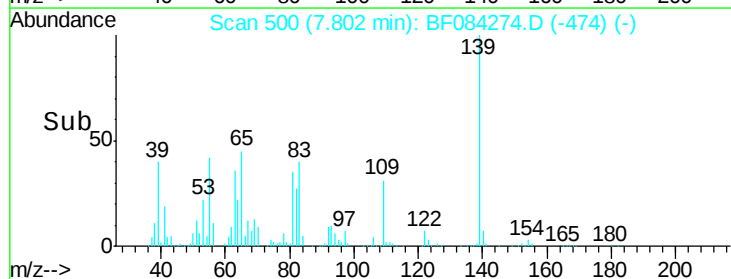
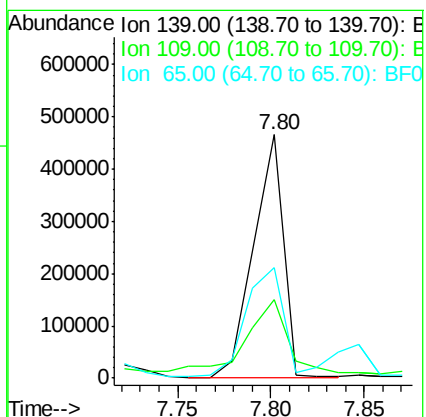
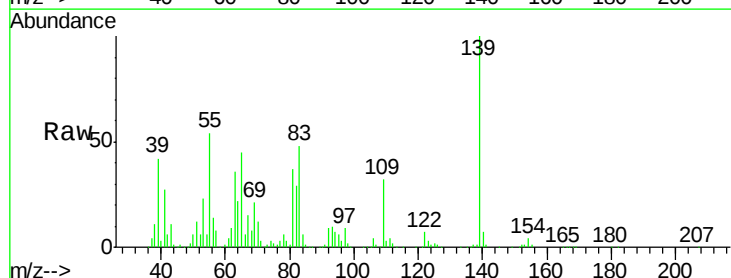
Tgt Ion: 139 Resp: 509579

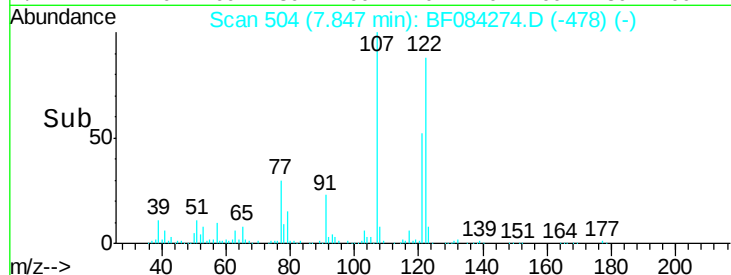
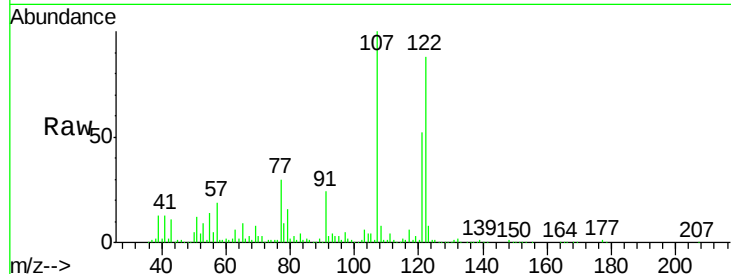
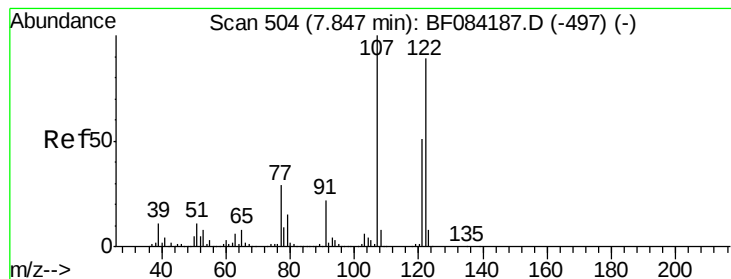
Ion Ratio Lower Upper

139 100

109 32.2 25.4 38.2

65 45.2 32.3 48.5





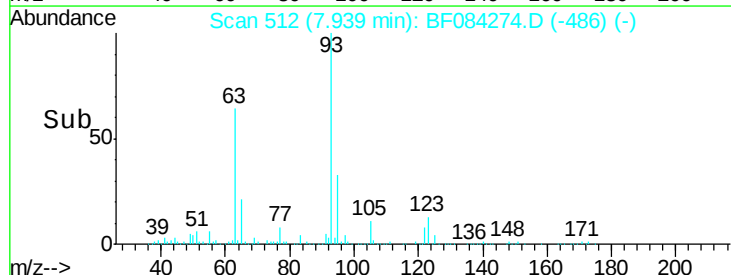
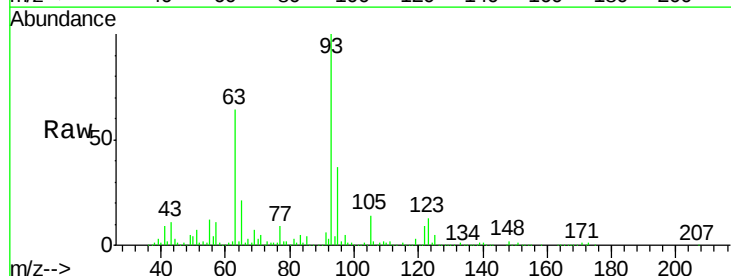
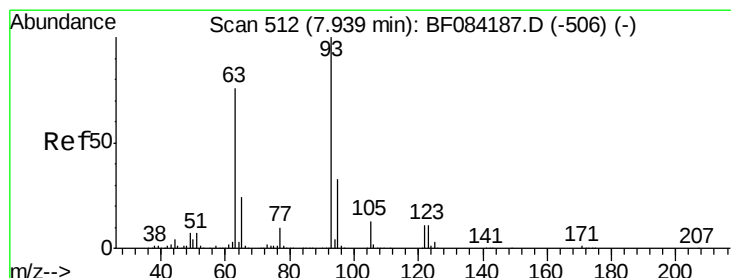
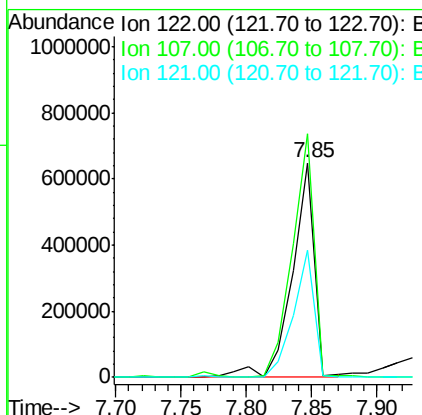
#27
2,4-Dimethylphenol
Concen: 45.34 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		765042		
107	113.5	99.1	148.7		
121	59.0	47.9	71.9		

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

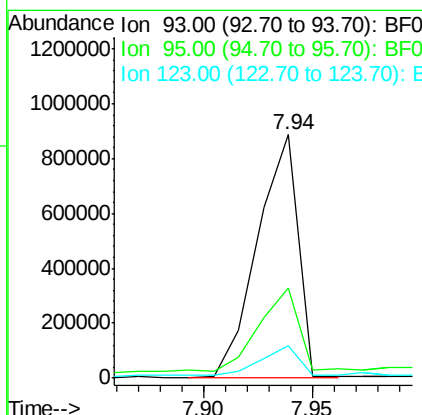
Manual Integrations
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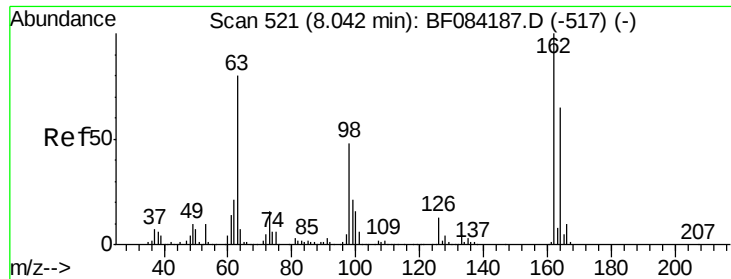
Sohil
1/5/2016 4:07:35 PM



#28
bis(2-Chloroethoxy)methane
Concen: 54.67 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		1153161		
95	36.9	25.8	38.6		
123	13.2	8.6	12.8#		





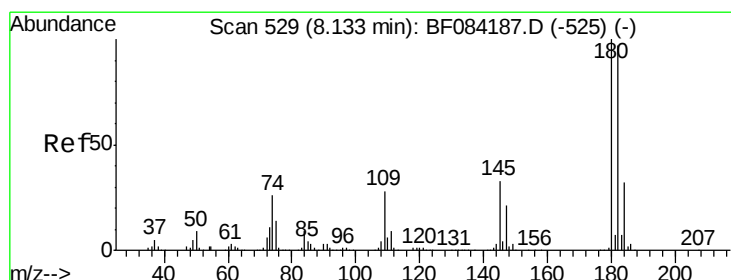
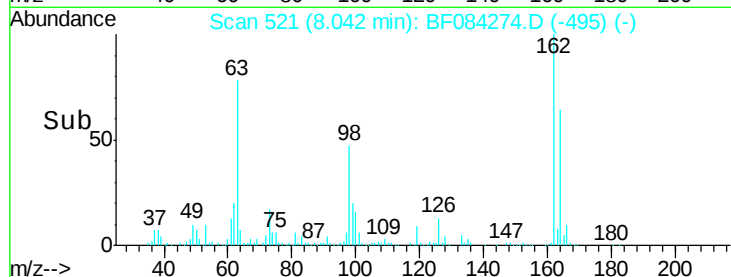
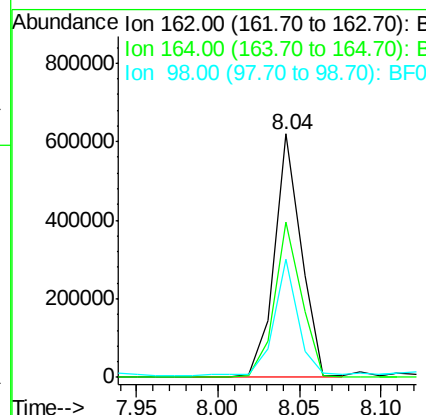
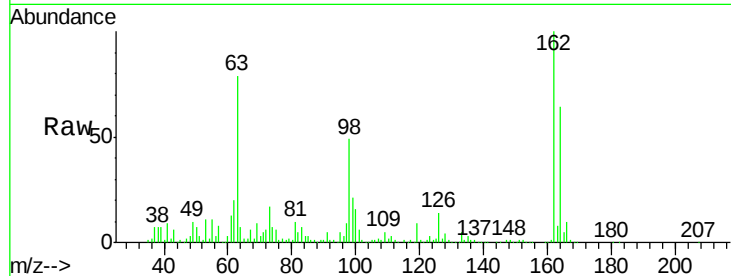
#29
2,4-Dichlorophenol
Concen: 50.85 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	44.1	84.1
98	48.6	20.2	60.2

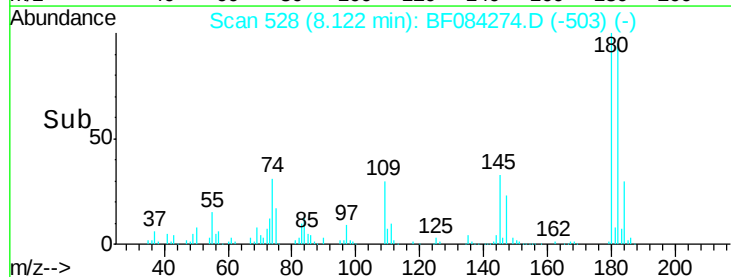
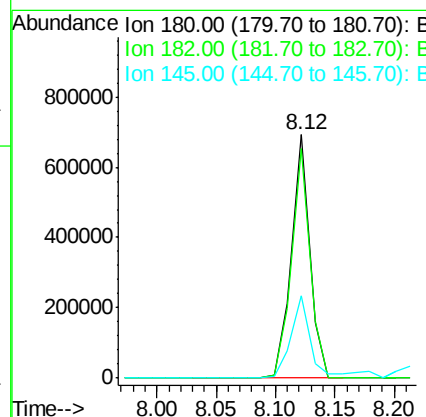
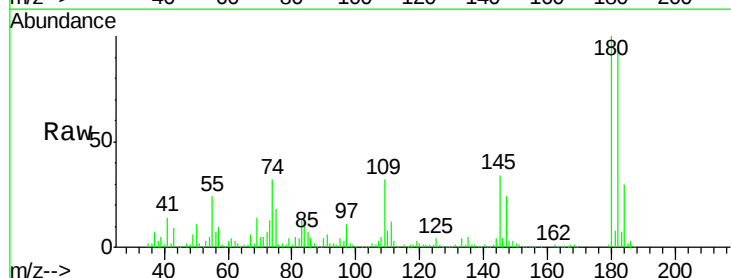
Manual Integrations
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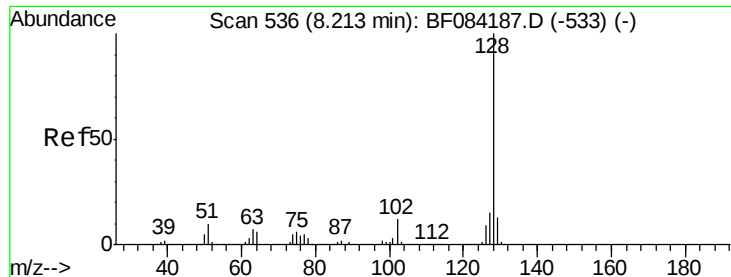
Sohil
1/5/2016 4:07:35 PM



#30
1,2,4-Trichlorobenzene
Concen: 50.78 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	76.4	114.6
145	33.6	31.6	47.4





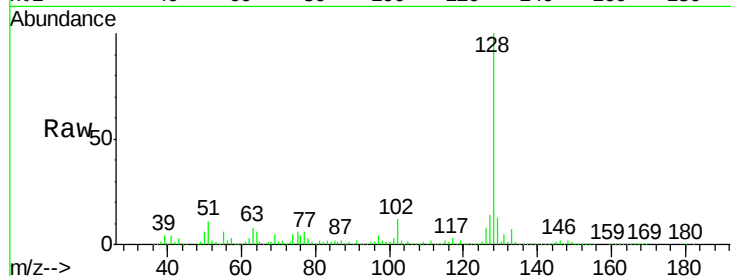
#31
Naphthalene
Concen: 51.03 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	14.4	11.1	16.7

Manual Integrations
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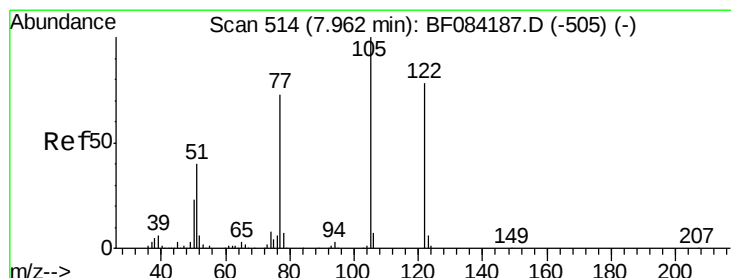
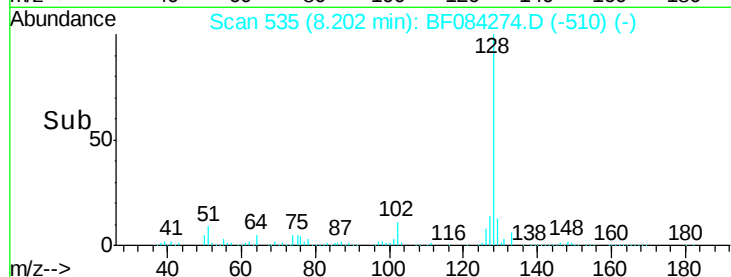
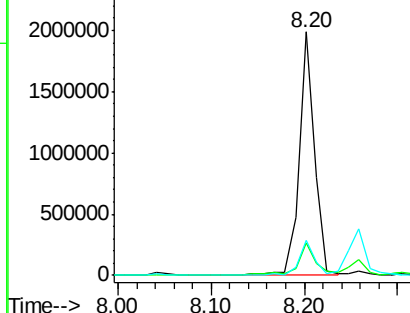


Abundance

Ion 128.00 (127.70 to 128.70): E

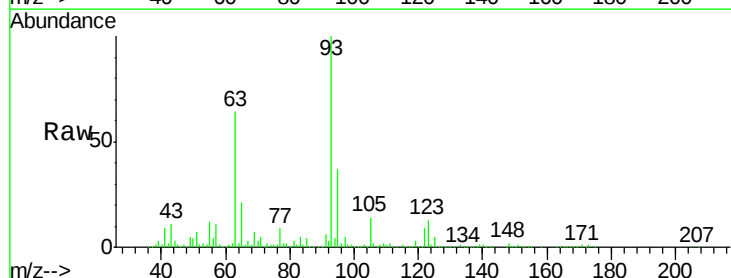
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 22.43 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	159.5	100.3	140.3#
77	111.2	63.5	103.5#

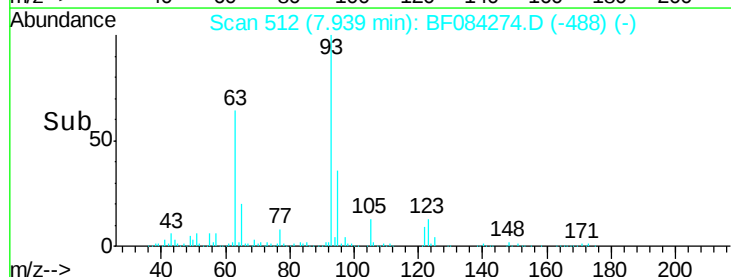
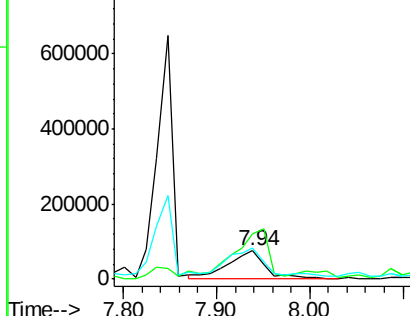


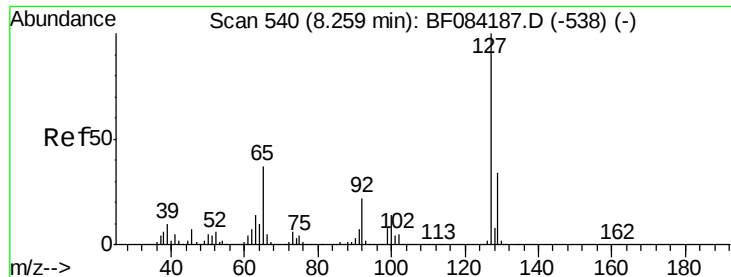
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





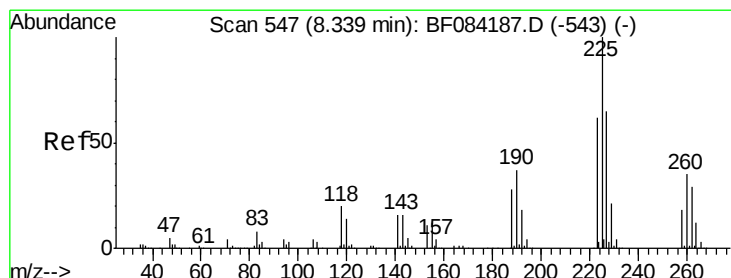
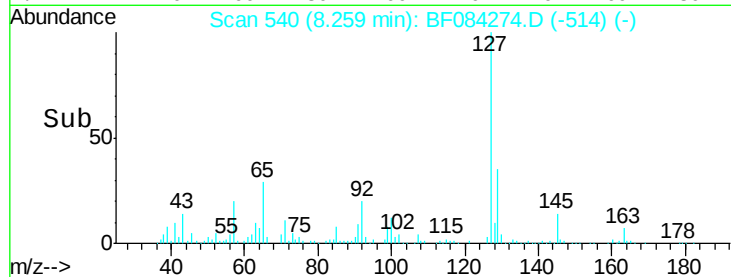
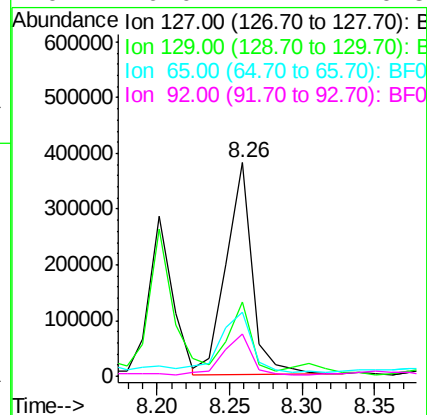
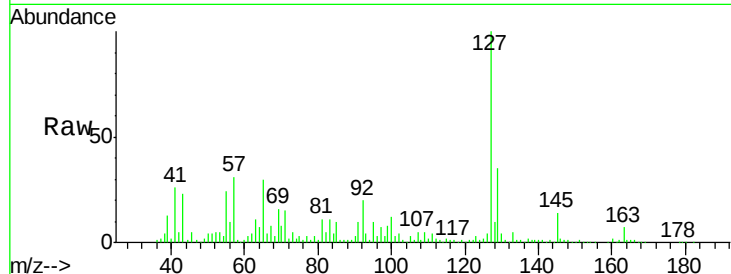
#33
4-Chloroaniline
Concen: 22.66 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.8	26.5	39.7
65	29.7	27.2	40.8
92	20.0	17.7	26.5

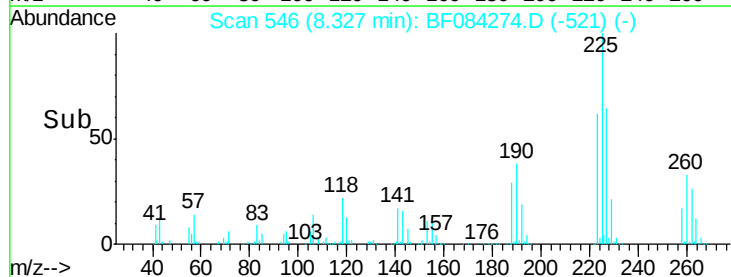
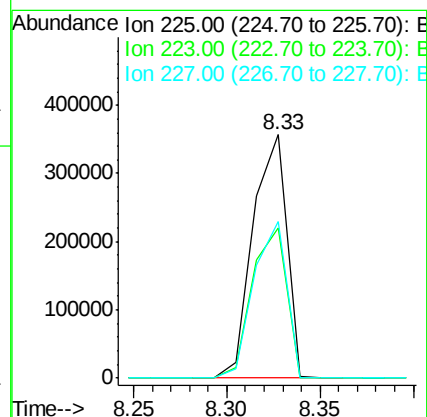
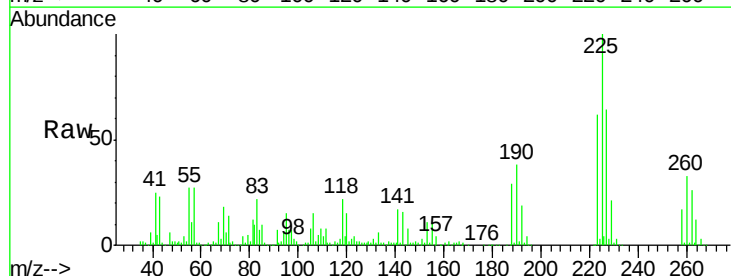
Manual Integrations
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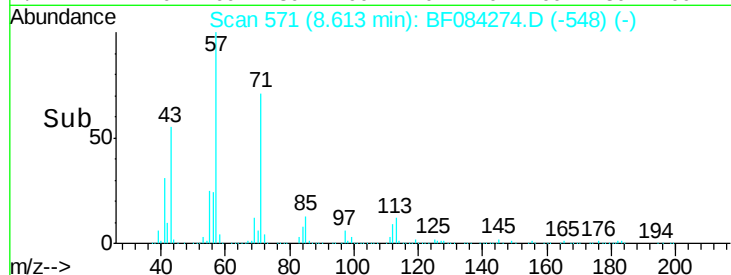
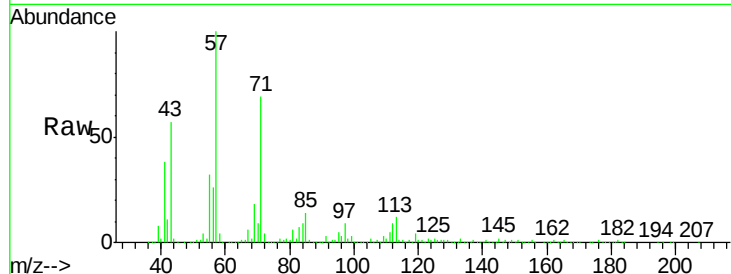
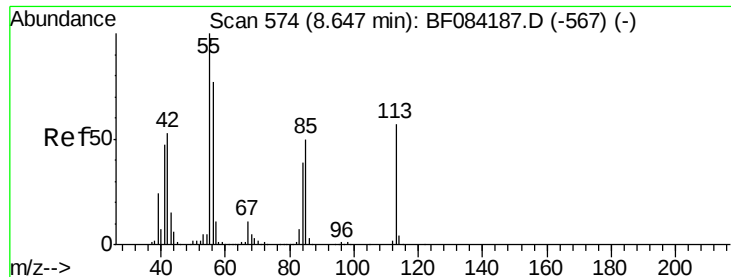
Sohil
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#34
Hexachlorobutadiene
Concen: 53.25 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.4	74.0
227	64.3	50.8	76.2





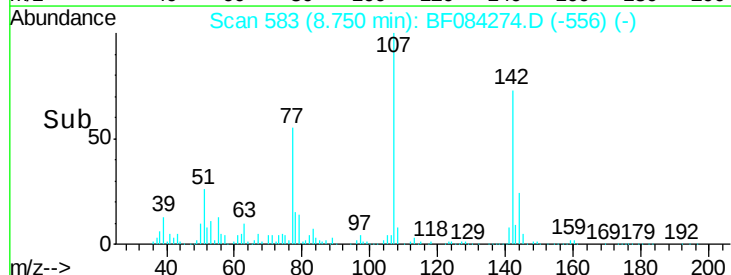
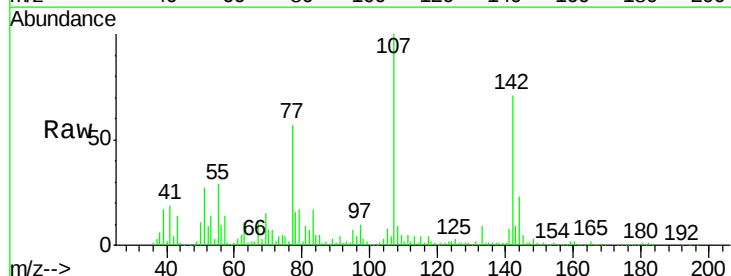
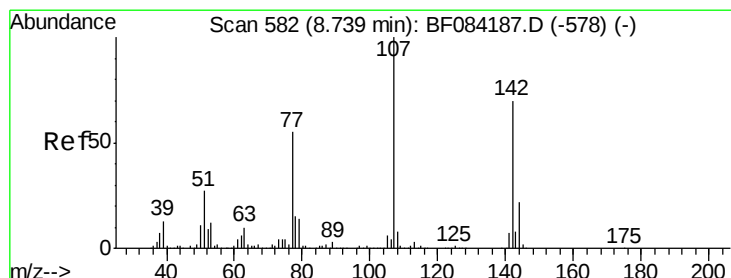
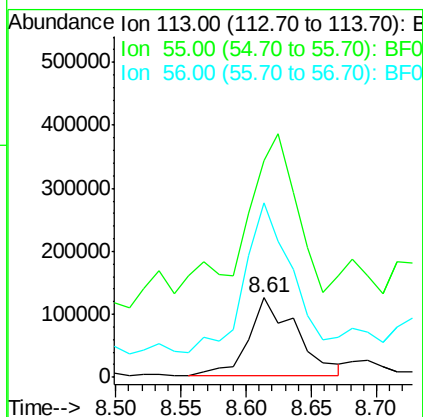
#35
Caprolactam
Concen: 66.39 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	273.7	116.9	156.9#	
56	219.9	93.8	133.8#	

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

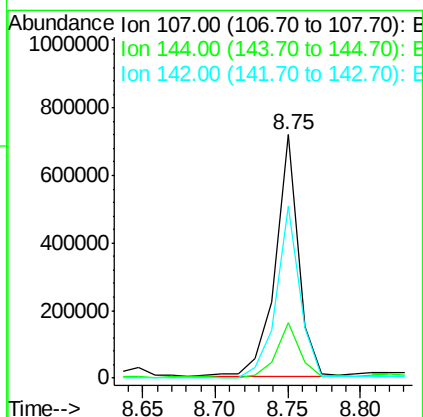
Manual Integrations
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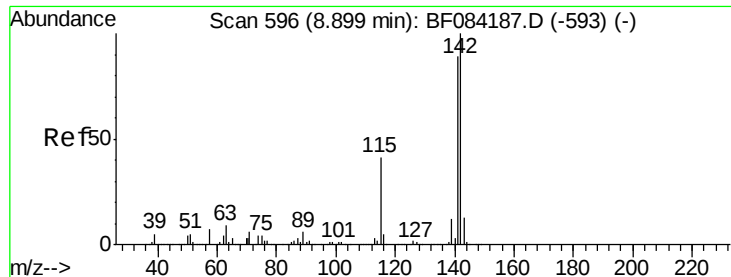
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#36
4-Chloro-3-methylphenol
Concen: 50.02 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.0	19.7	29.5	
142	70.9	61.8	92.6	





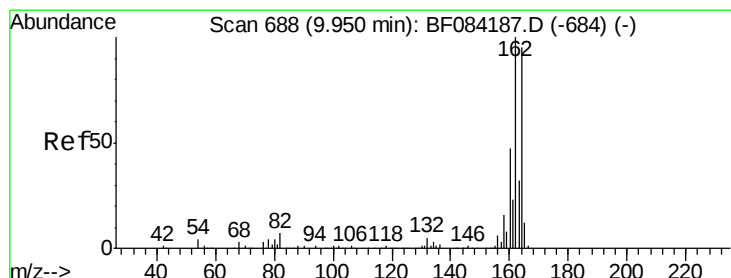
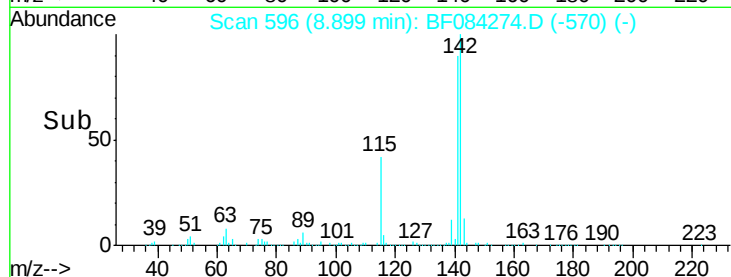
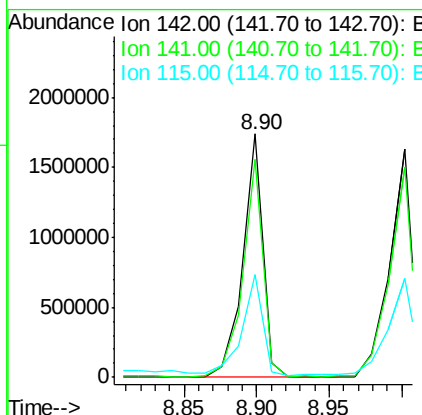
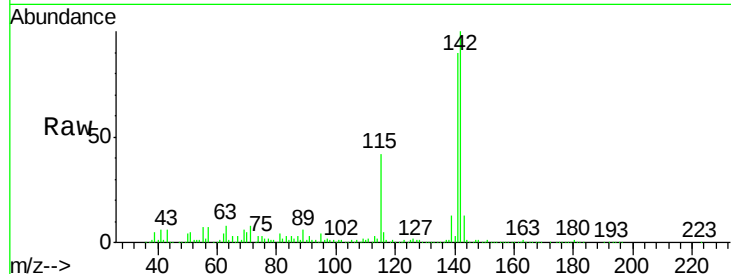
#37
2-Methylnaphthalene
Concen: 51.03 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.4	108.6
115	42.3	27.9	41.9

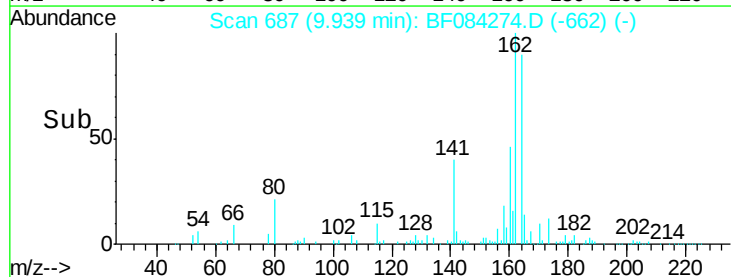
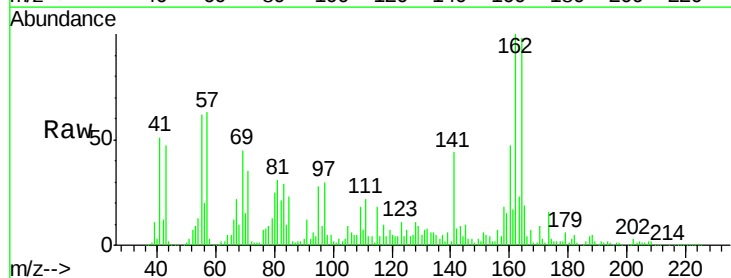
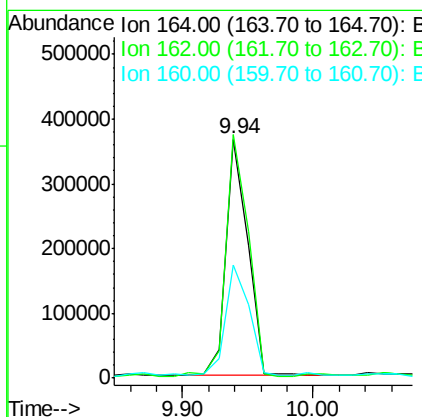
Manual Integrations
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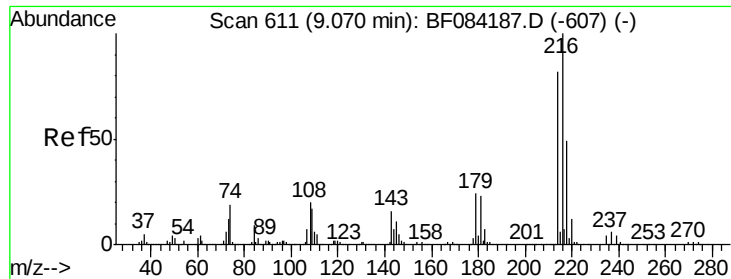
Sohil
1/5/2016 4:07:35 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	85.1	127.7
160	47.6	37.5	56.3





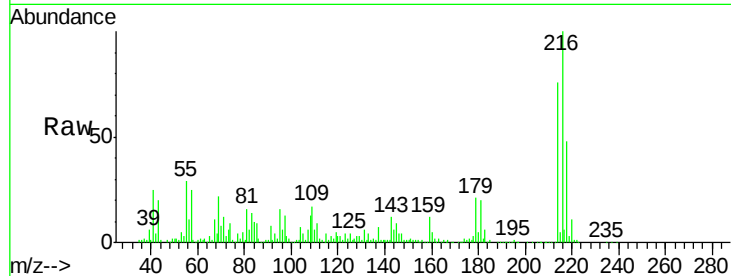
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.60 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-1(20.0-20.5)MS

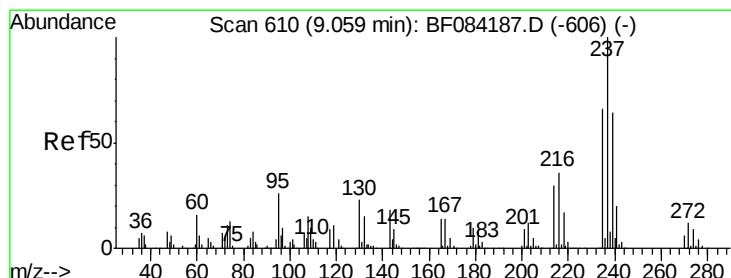
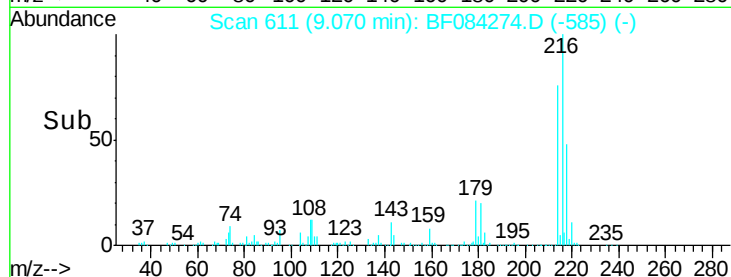
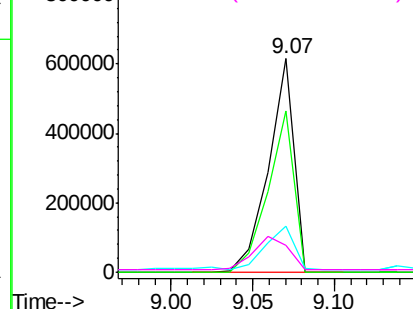
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		668012		
214	77.6	64.2	96.2		
179	27.2	18.7	28.1		
108	22.8	16.8	25.2		

Manual Integrations
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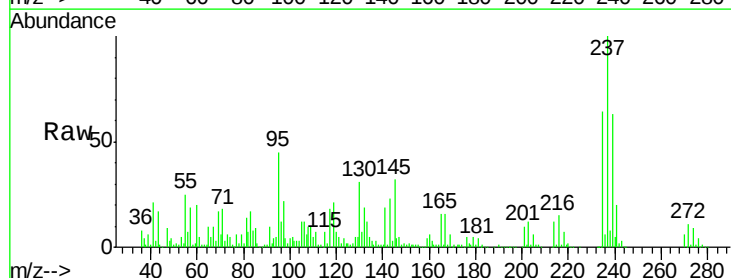


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

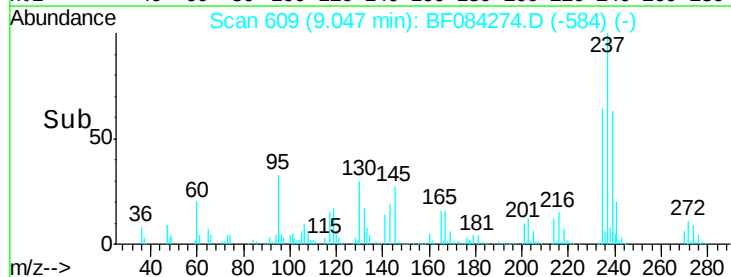
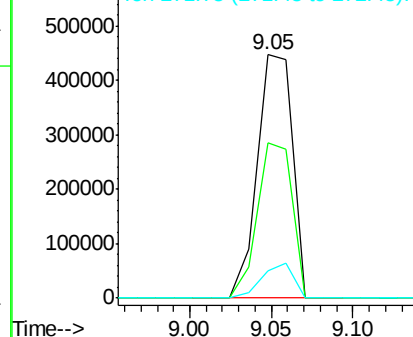


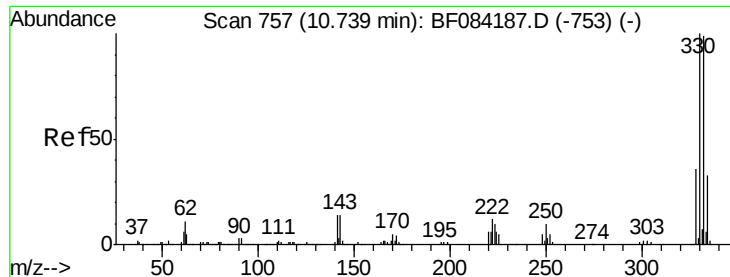
#40
 Hexachlorocyclopentadiene
 Concen: 90.76 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		670308		
235	63.9	43.1	83.1		
272	11.5	0.0	35.1		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





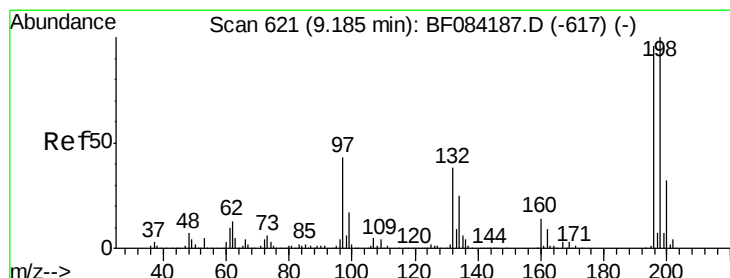
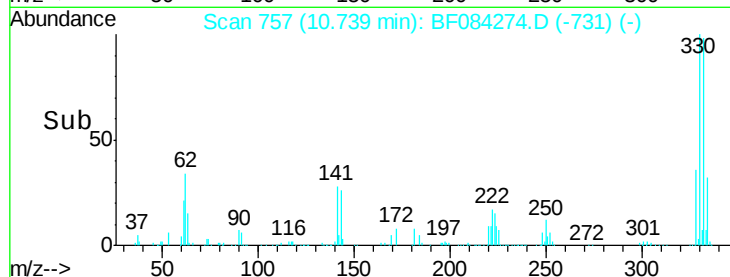
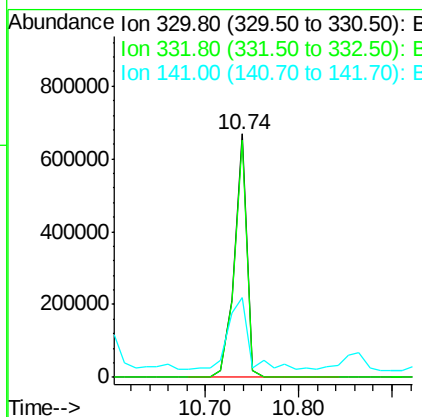
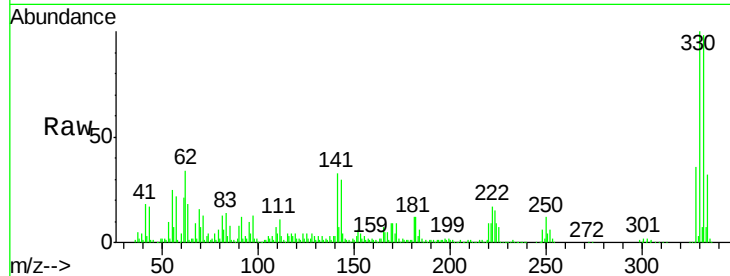
#41
 2,4,6-Tribromophenol
 Concen: 147.74 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	48.0	27.8	41.6

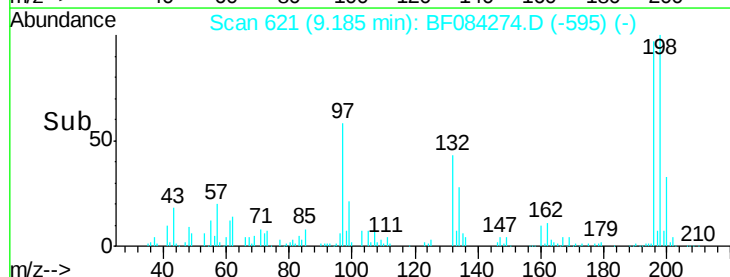
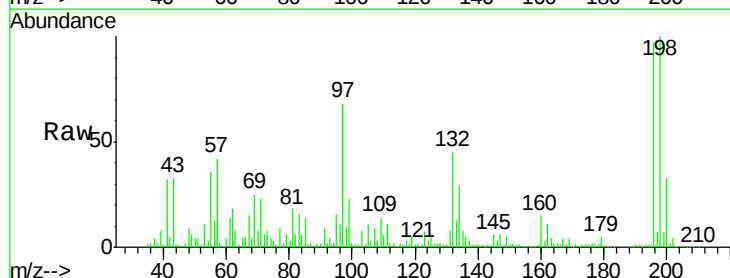
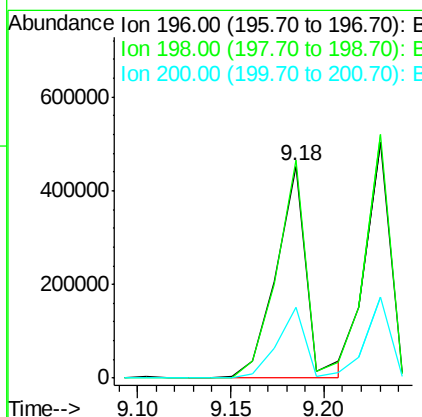
Manual Integrations
 APPROVED

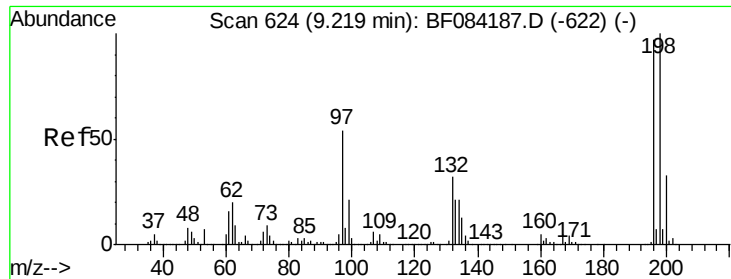
Sohil
 1/5/2016 4:07:35 PM



#42
 2,4,6-Trichlorophenol
 Concen: 55.57 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.8	77.7	116.5
200	33.5	24.6	37.0





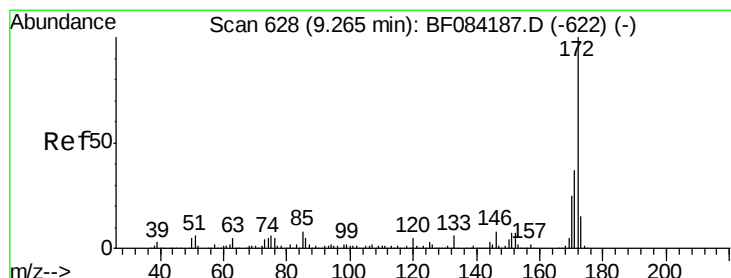
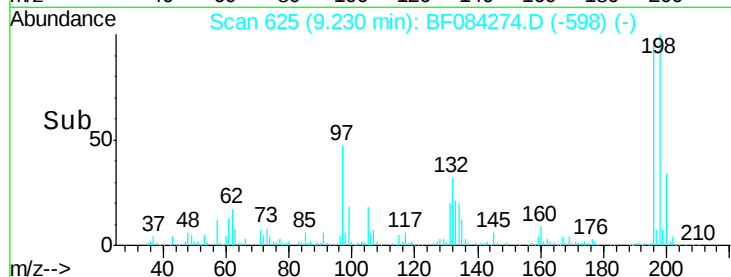
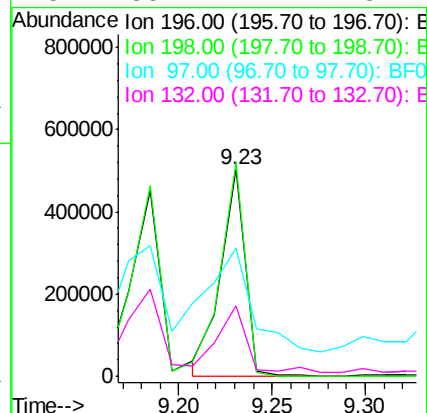
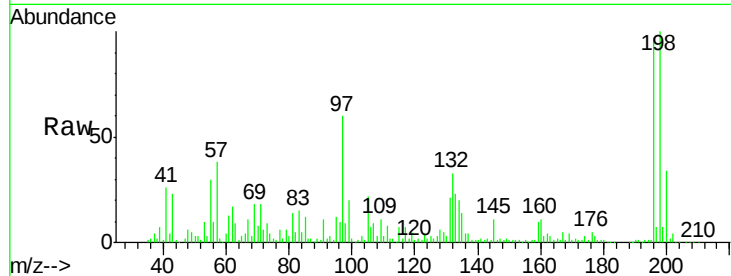
#43
 2,4,5-Trichlorophenol
 Concen: 51.96 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.2	79.0	118.6	
97	61.8	33.0	49.6	
132	33.7	21.1	31.7	

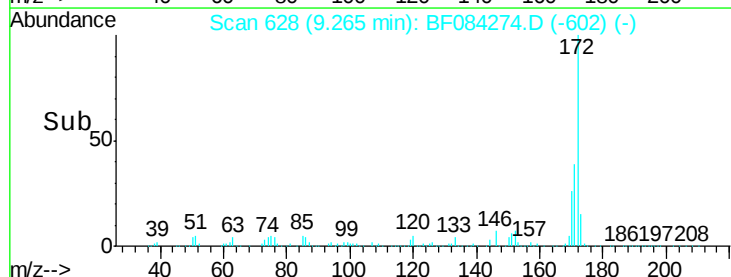
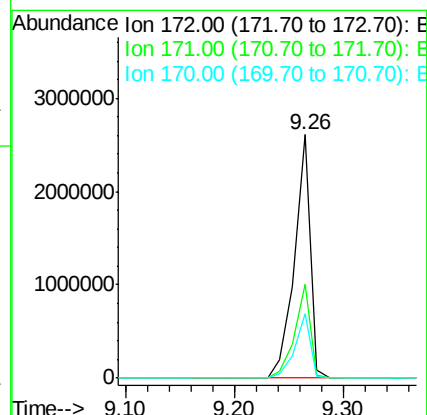
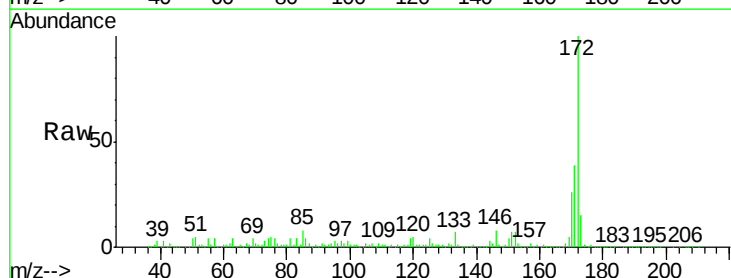
Manual Integrations
 APPROVED

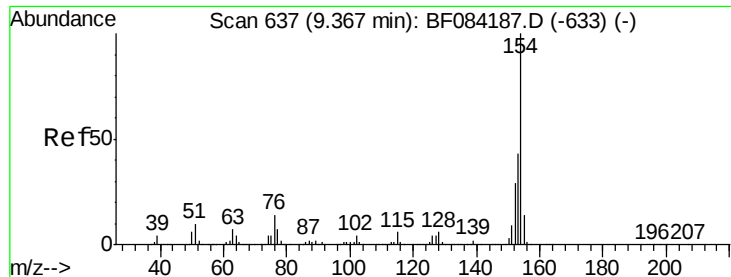
Sohil
 1/5/2016 4:07:35 PM



#44
 2-Fluorobiphenyl
 Concen: 112.26 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.8	28.9	43.3	
170	26.5	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 55.32 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Tot Ion:154 Resp: 1870897

Ion Ratio Lower Upper

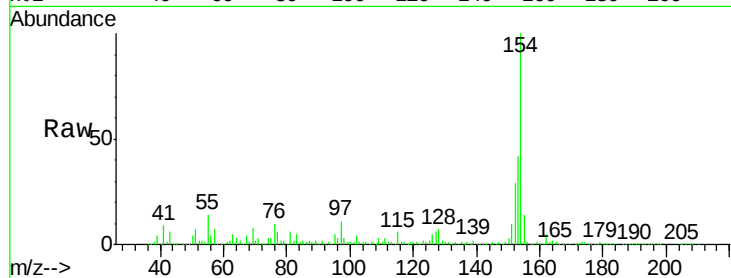
154 100

153 41.8 21.6 61.6

76 10.0 0.0 32.7

Manual Integrations
APPROVED

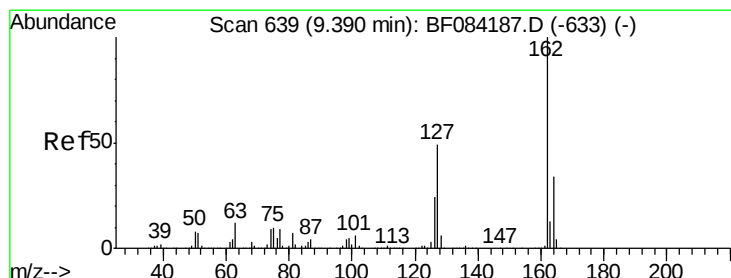
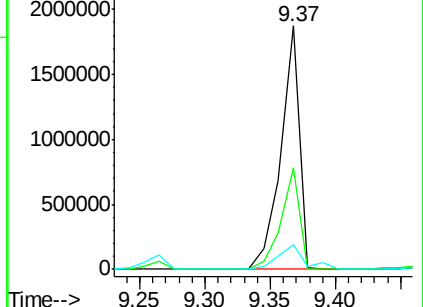
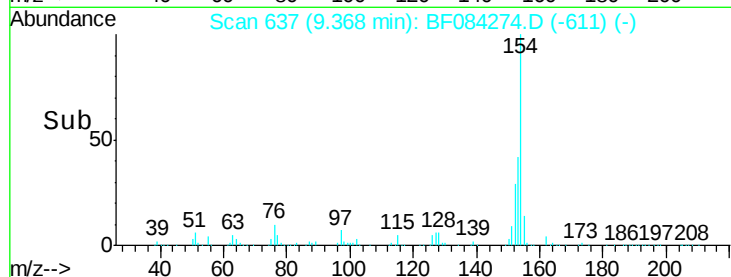
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.98 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

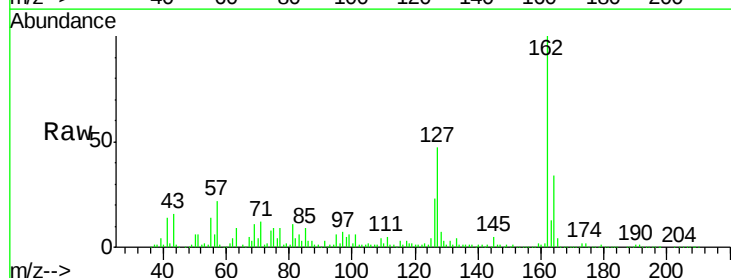
Tgt Ion:162 Resp: 1380875

Ion Ratio Lower Upper

162 100

127 46.8 40.2 60.4

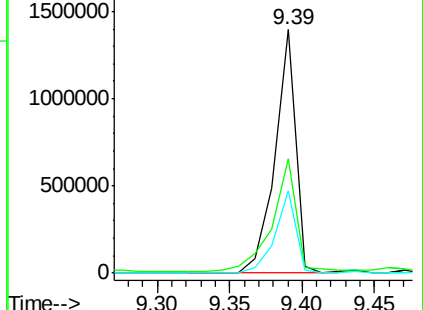
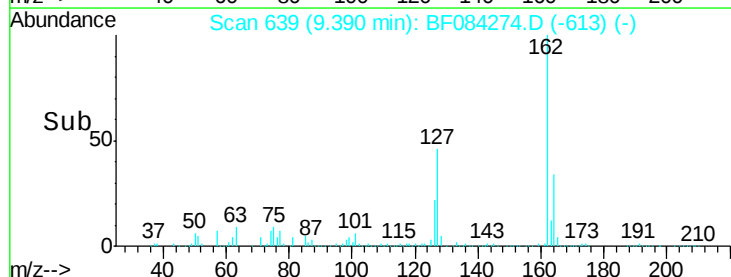
164 33.8 25.7 38.5

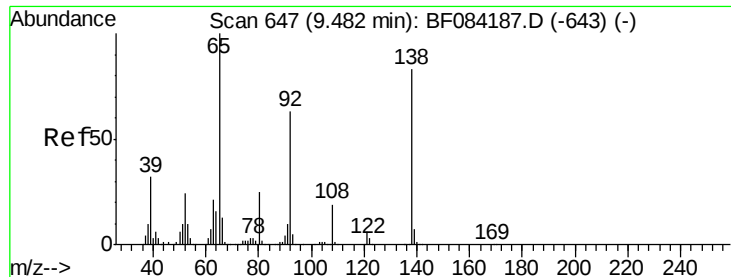


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 59.79 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

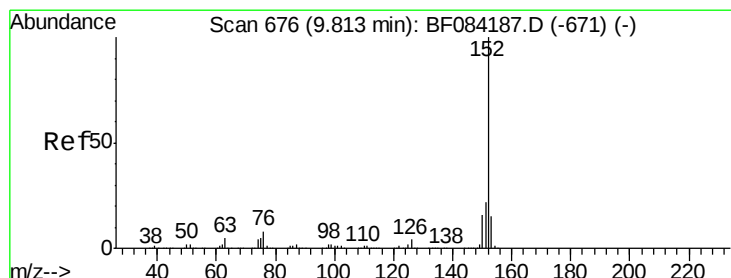
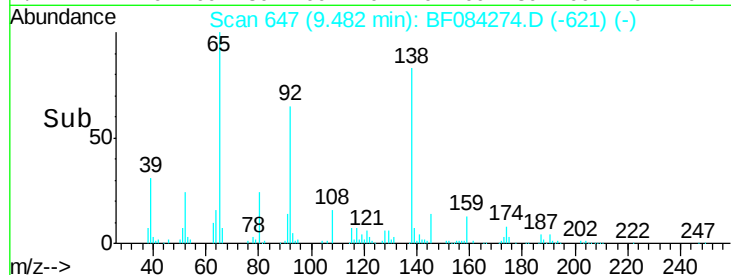
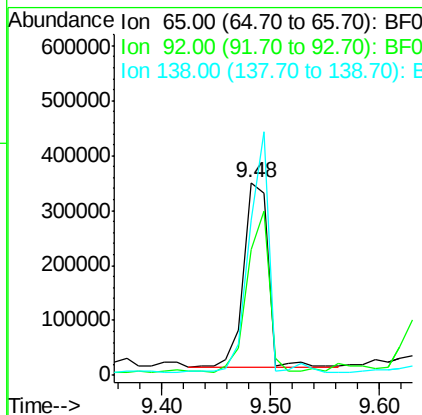
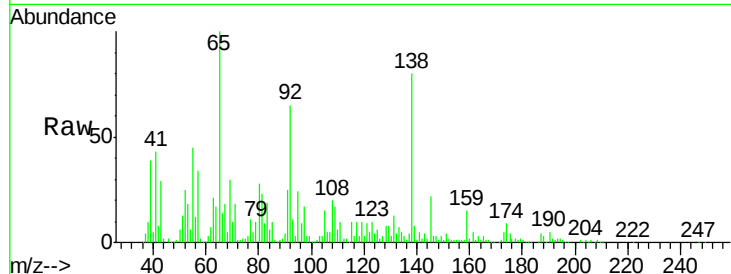
ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Tot Ion:	65	Resp:	524224
Ion Ratio	Lower	Upper	
65	100		
92	65.1	53.4	80.2
138	80.2	71.1	106.7

Manual Integrations
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#48

Acenaphthylene

Concen: 51.51 ng

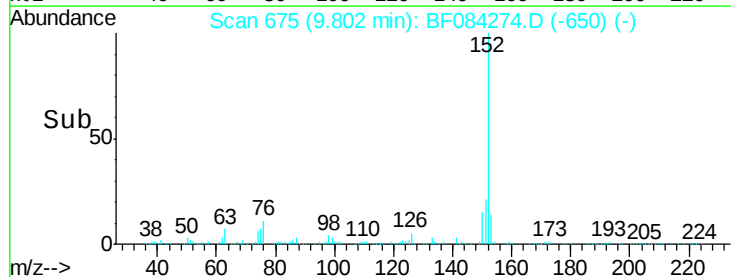
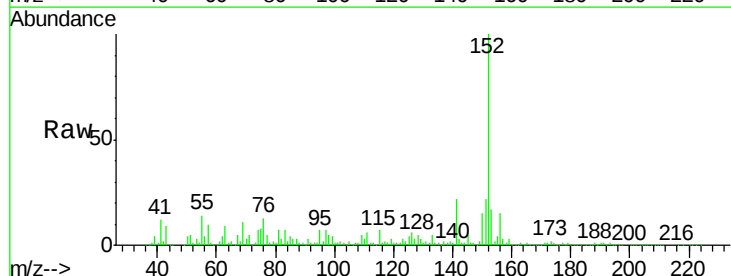
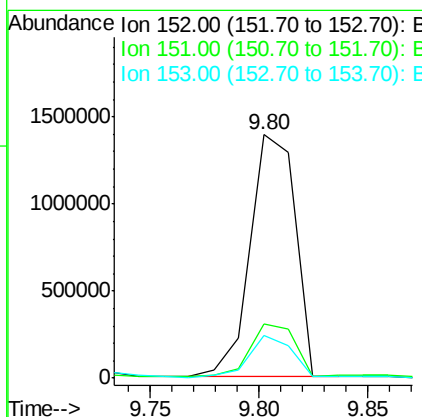
RT: 9.80 min Scan# 675

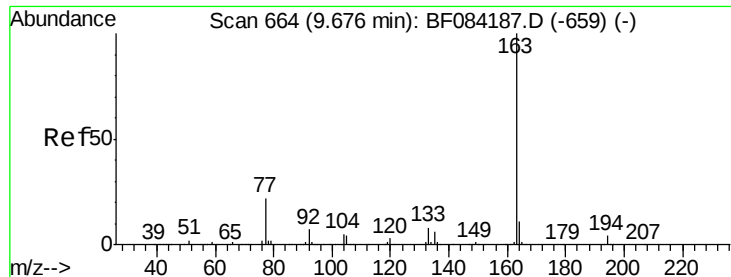
Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:	152	Resp:	2021711
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.3	24.5
153	17.5	10.4	15.6#





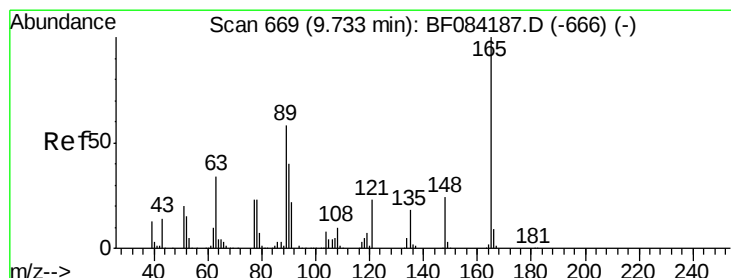
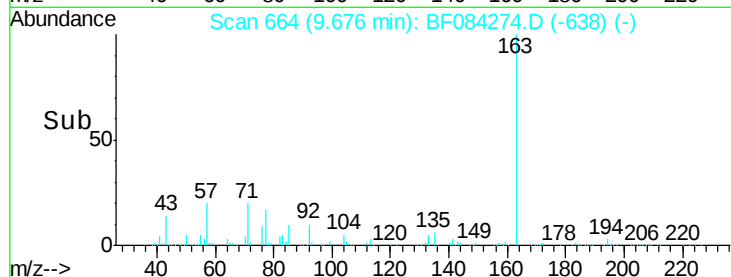
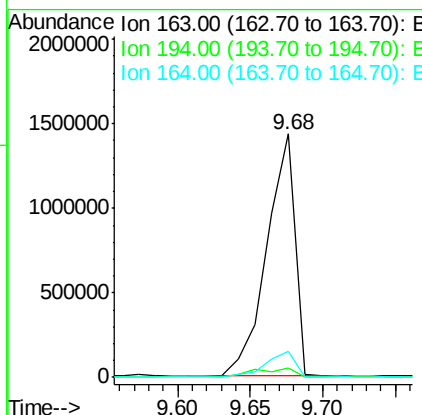
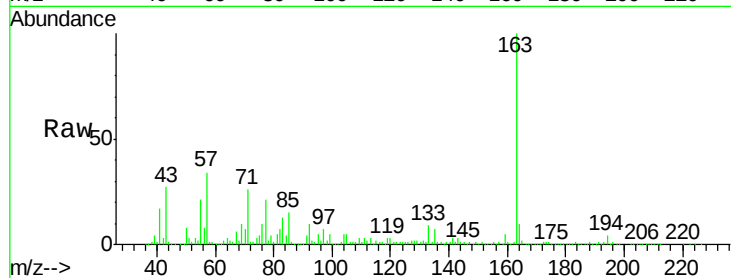
#49
Dimethylphthalate
Concen: 63.36 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	10.5	8.0	12.0

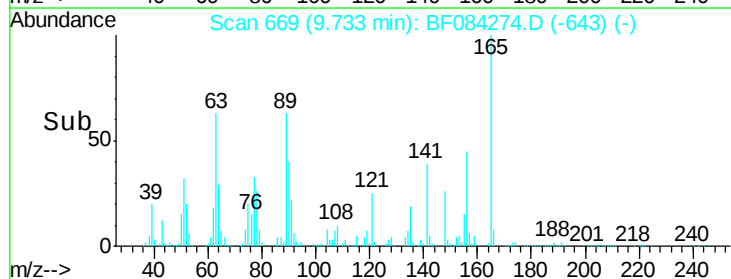
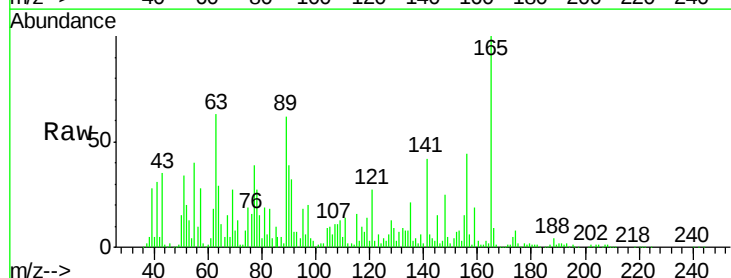
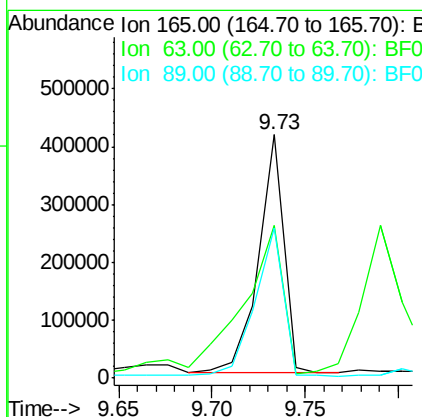
Manual Integrations
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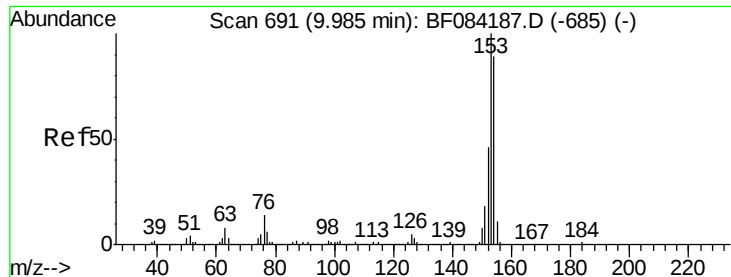
Sohil
1/5/2016 4:07:35 PM



#50
2,6-Dinitrotoluene
Concen: 57.27 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.9	28.8	43.2#
89	61.6	35.1	52.7#





#51

Acenaphthene

Concen: 54.44 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Tot Ion:154 Resp: 1433255

Ion Ratio Lower Upper

154 100

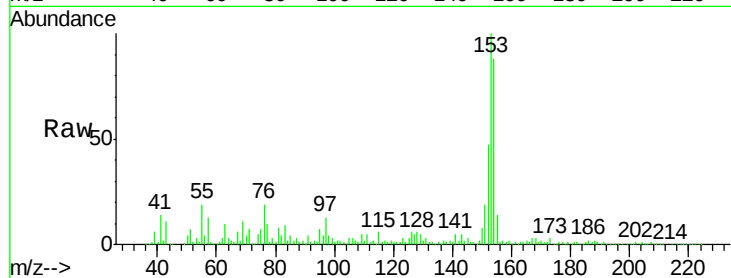
153 113.0 91.5 137.3

152 53.2 43.0 64.6

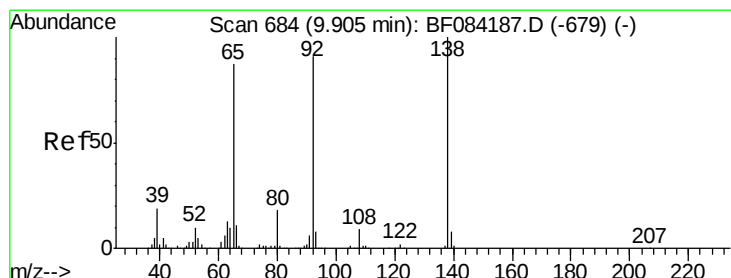
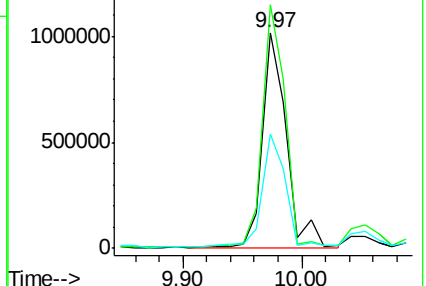
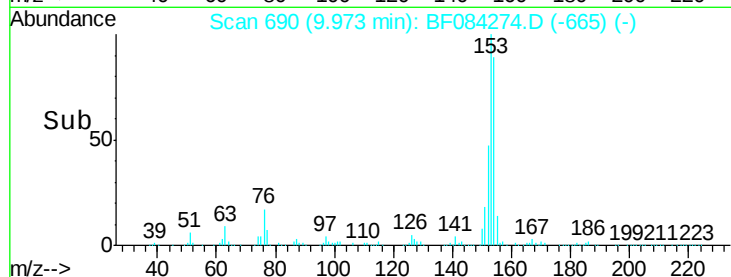
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.71 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

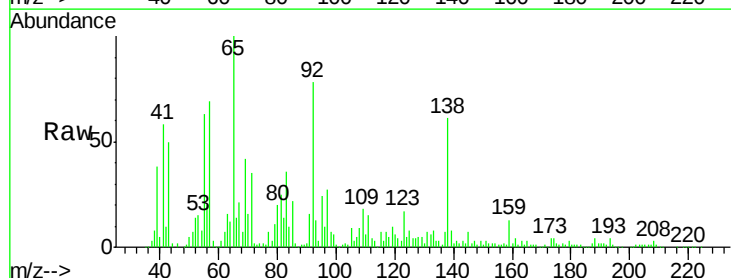
Tgt Ion:138 Resp: 320064

Ion Ratio Lower Upper

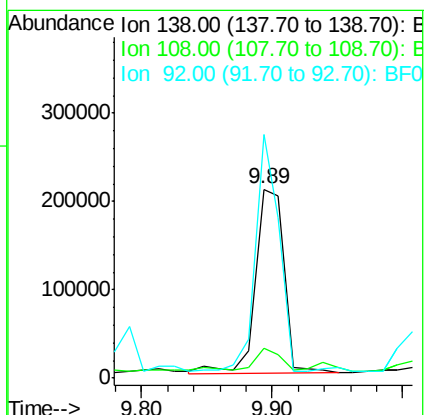
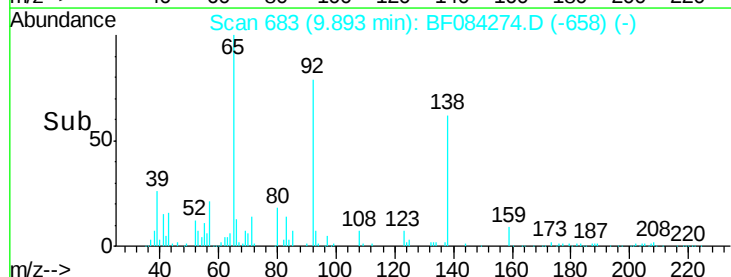
138 100

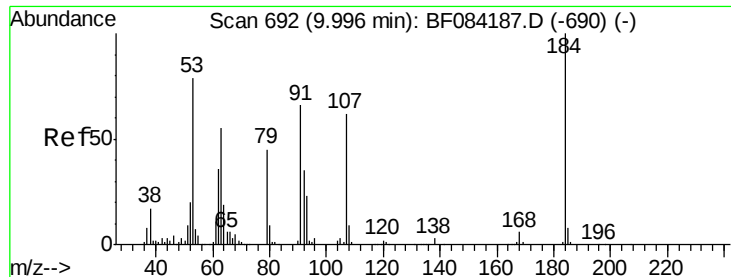
108 15.5 10.5 15.7

92 129.0 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





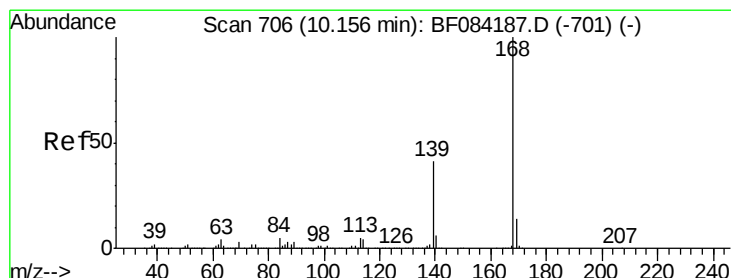
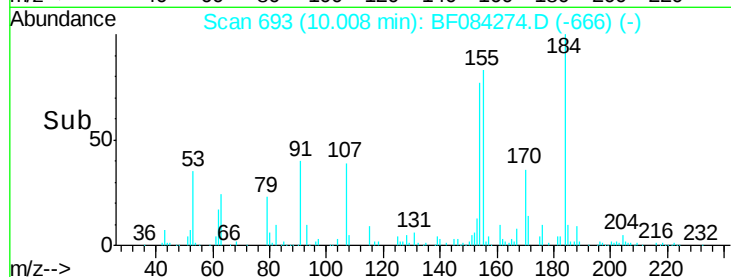
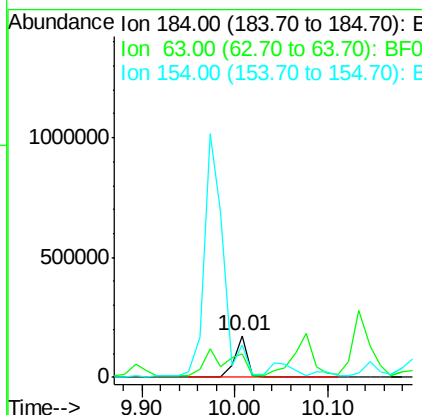
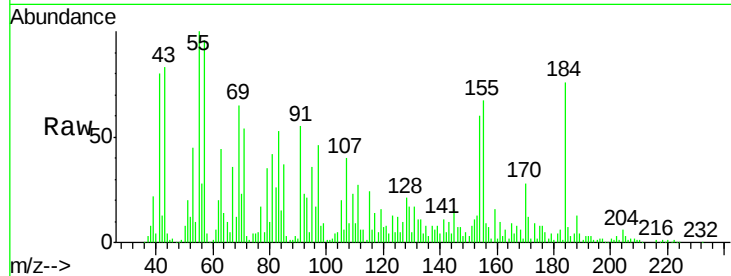
#53
2,4-Dinitrophenol
Concen: 60.06 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.8	43.1	64.7
154	79.4	60.5	90.7

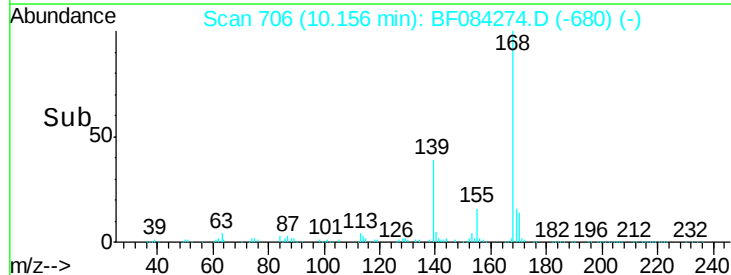
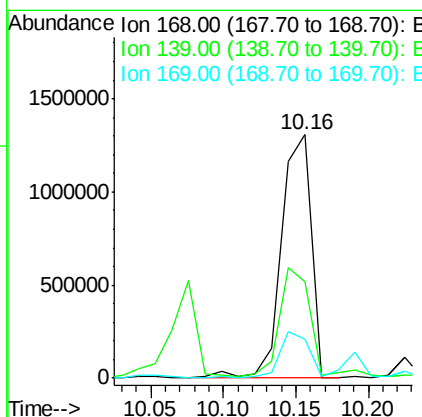
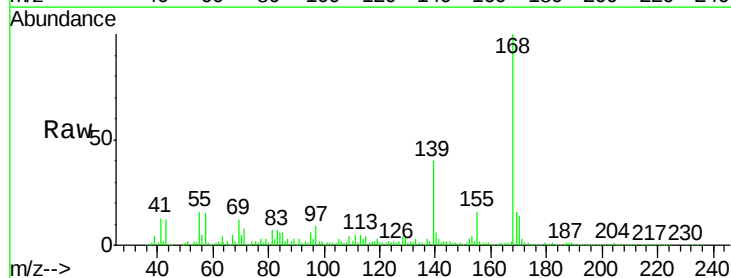
Manual Integrations
APPROVED

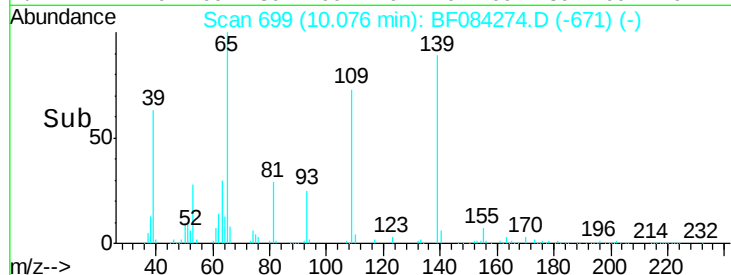
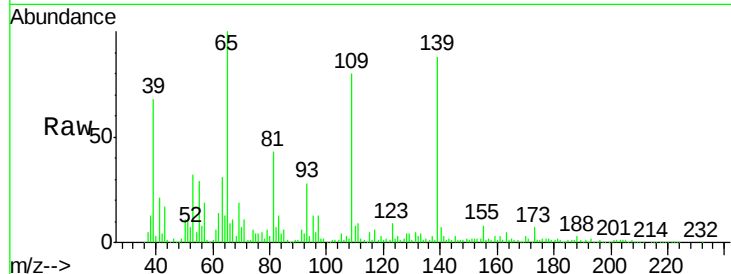
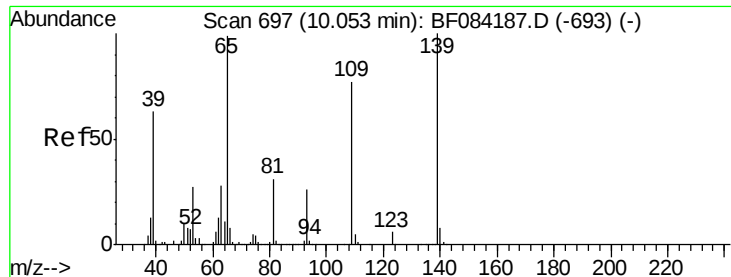
Sohil
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#54
Dibenzofuran
Concen: 54.74 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.5	45.7
169	15.9	10.4	15.6#





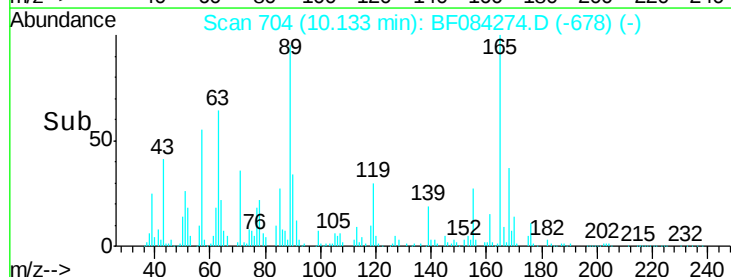
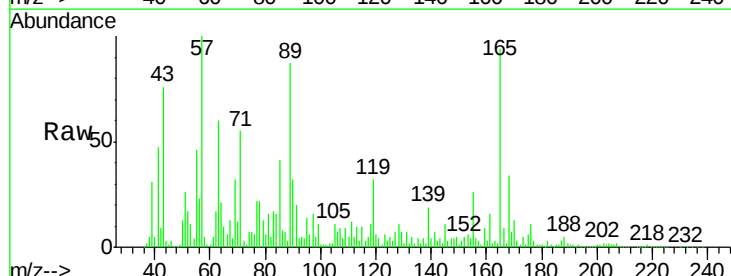
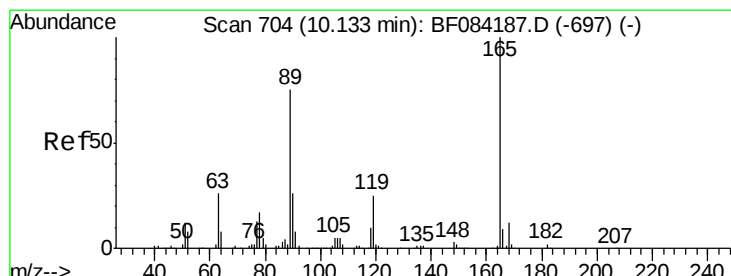
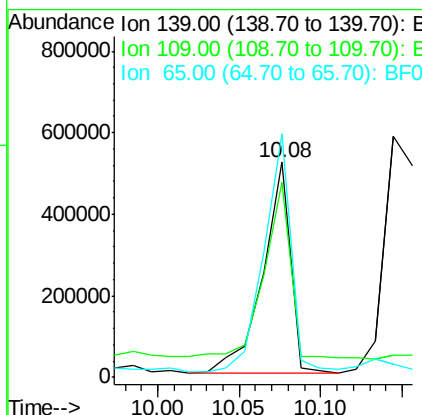
#55
4-Nitrophenol
Concen: 103.19 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.02 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tot Ion	Ratio	Resp	Lower	Upper
139	100	619302		
109	90.5	58.5	98.5	
65	113.2	57.6	97.6	

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

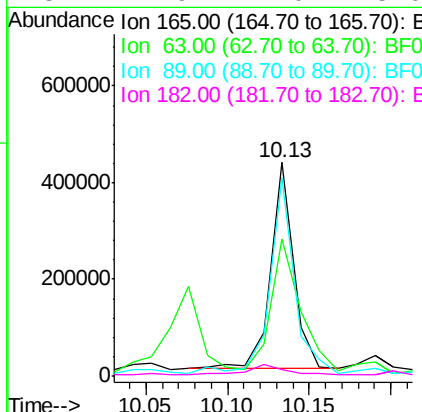
Manual Integrations
APPROVED

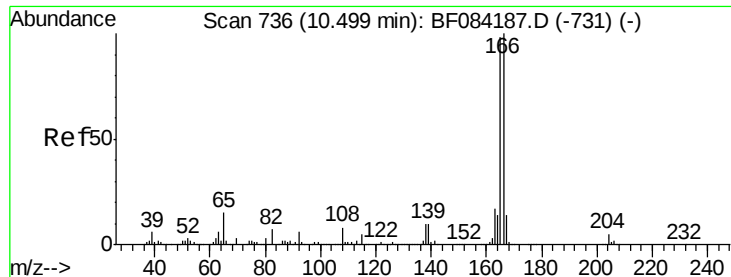
Sohil
1/5/2016 4:07:35 PM



#56
2,4-Dinitrotoluene
Concen: 49.92 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	421592		
63	63.8	36.7	55.1	
89	93.0	61.9	92.9	
182	2.9	2.0	3.0	





#57

Fluorene

Concen: 60.24 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

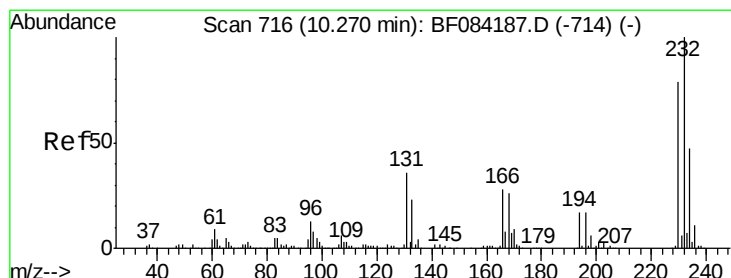
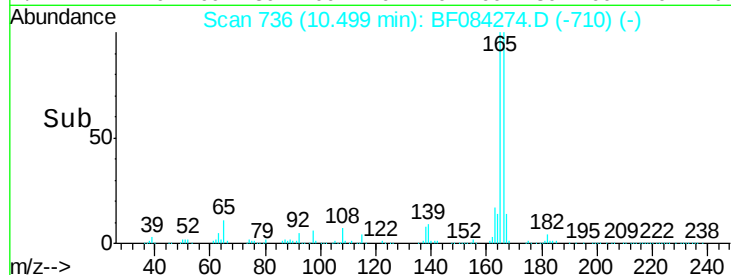
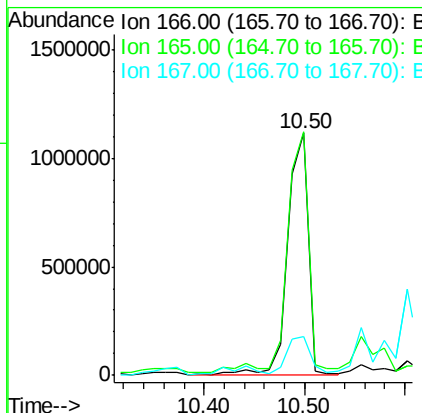
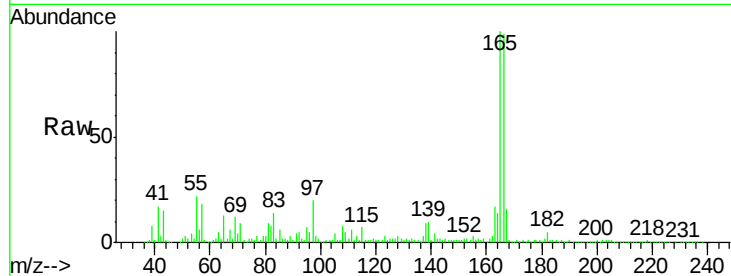
ClientSampleId :

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Tot Ion:	166	Resp:	1567051
Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.1	118.7
167	15.8	10.4	15.6#



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.04 ng

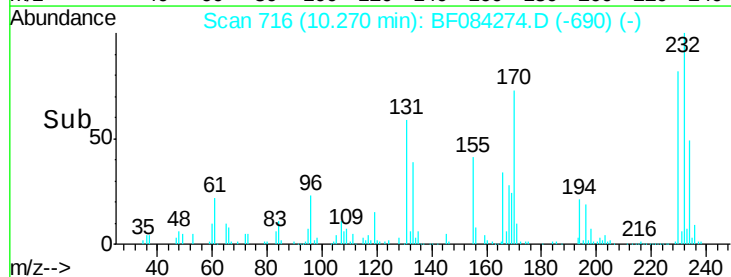
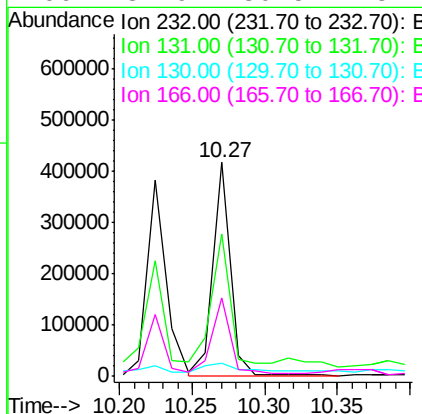
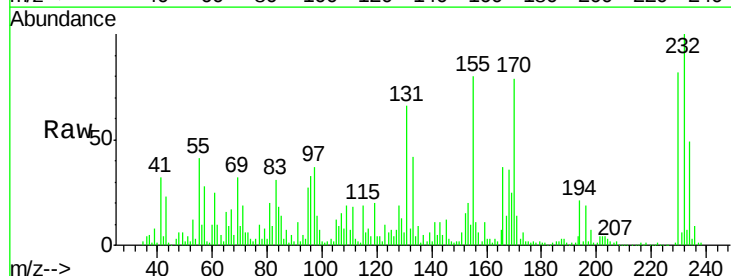
RT: 10.27 min Scan# 716

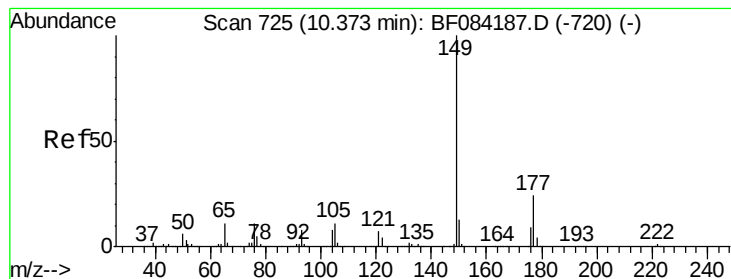
Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:	232	Resp:	344883
Ion	Ratio	Lower	Upper
232	100		
131	66.3	47.0	70.6
130	8.1	2.0	3.0#
166	37.9	30.5	45.7





#59

Diethylphthalate

Concen: 53.50 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Tot Ion:149 Resp: 1604656

Ion Ratio Lower Upper

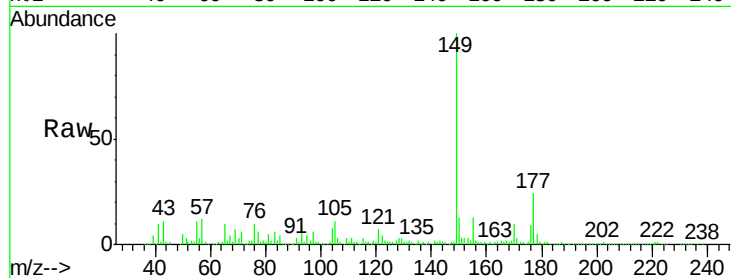
149 100

177 23.6 17.3 25.9

150 13.5 9.8 14.8

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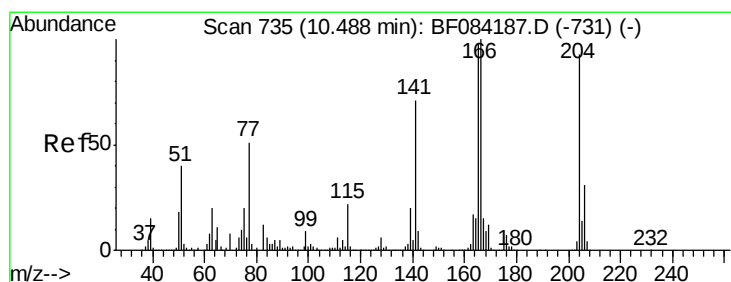
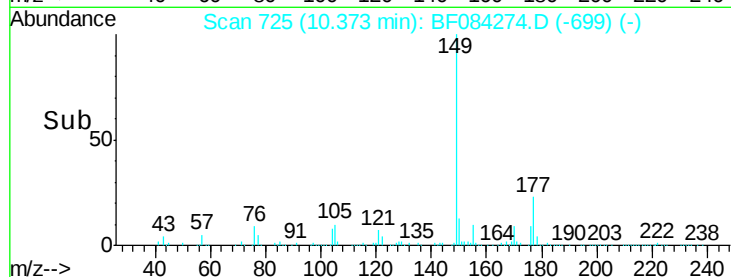
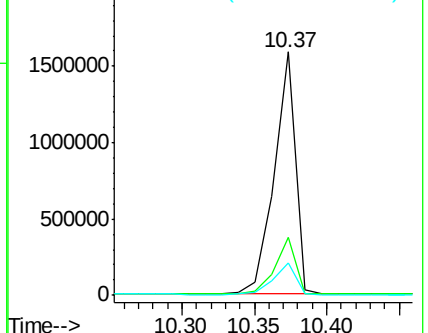
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 64.74 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

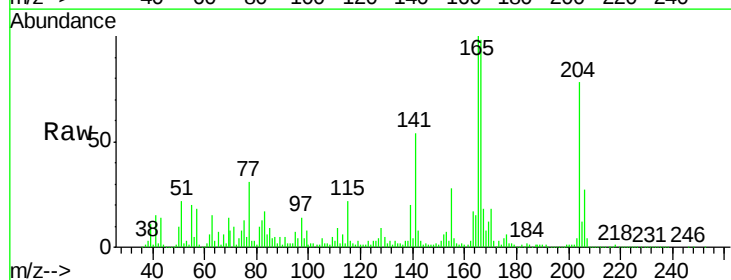
Tgt Ion:204 Resp: 681679

Ion Ratio Lower Upper

204 100

206 34.0 25.7 38.5

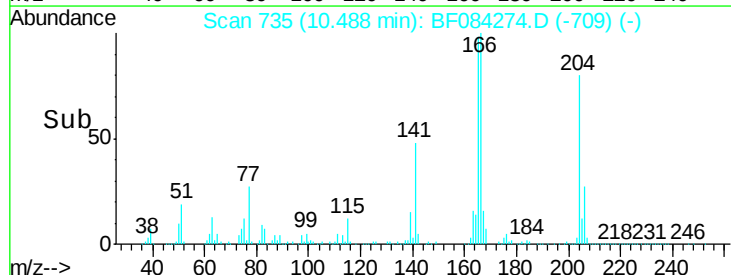
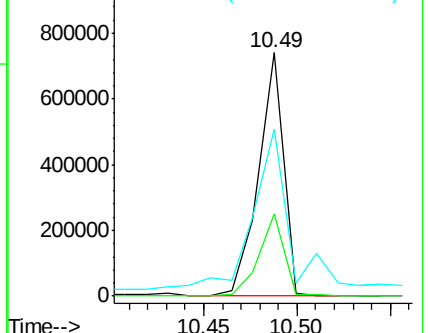
141 68.4 55.1 82.7

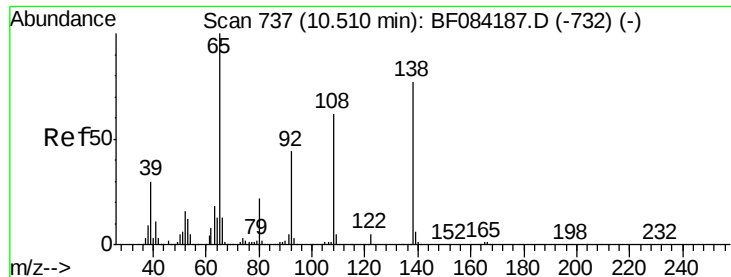


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.99 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

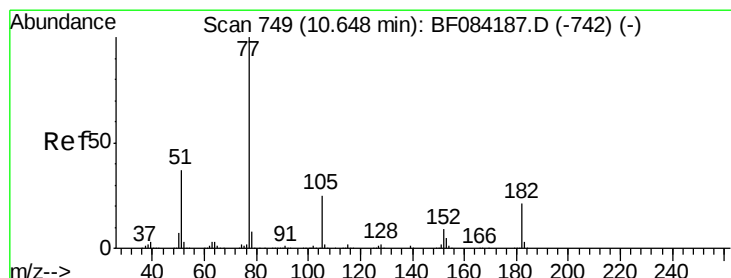
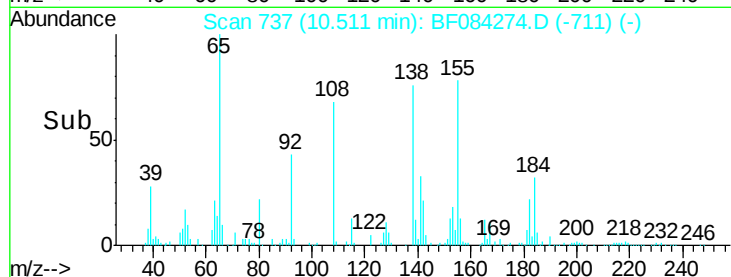
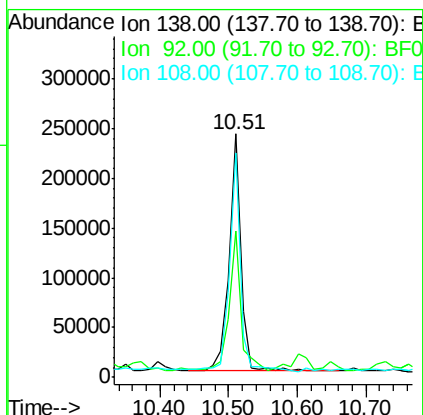
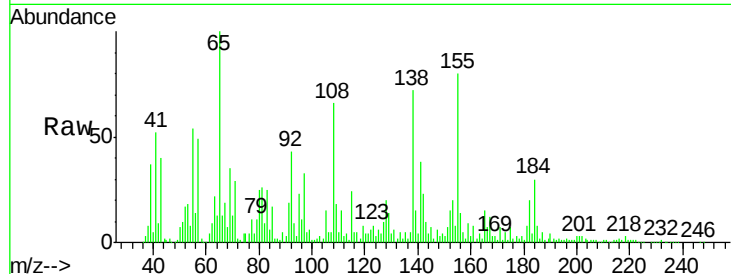
ClientSampleId :

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Tot Ion:	138	Resp:	294732
Ion Ratio	Lower	Upper	
138	100		
92	60.1	32.6	72.6
108	92.1	68.6	108.6

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#62

Azobenzene

Concen: 53.31 ng

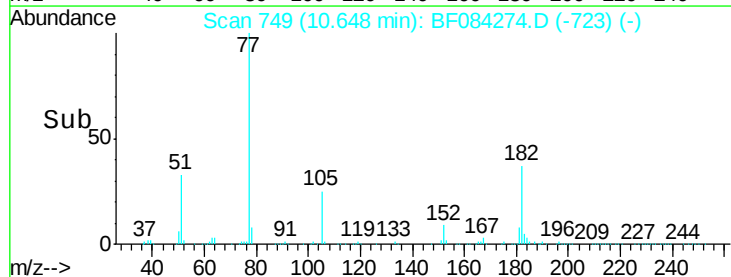
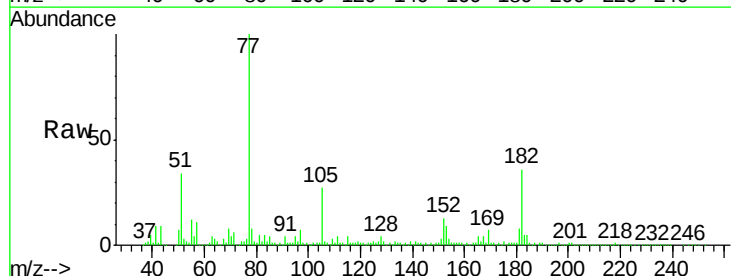
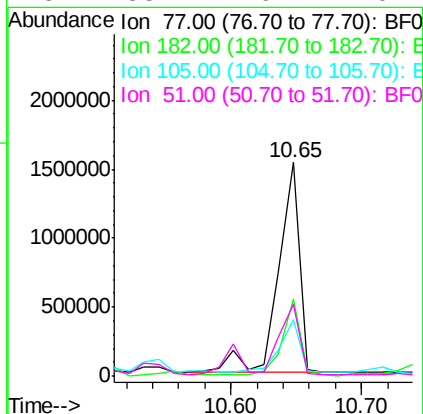
RT: 10.65 min Scan# 749

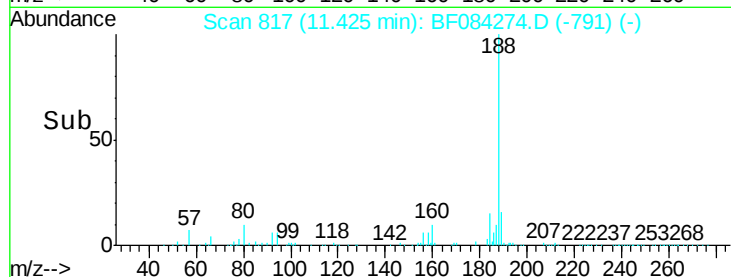
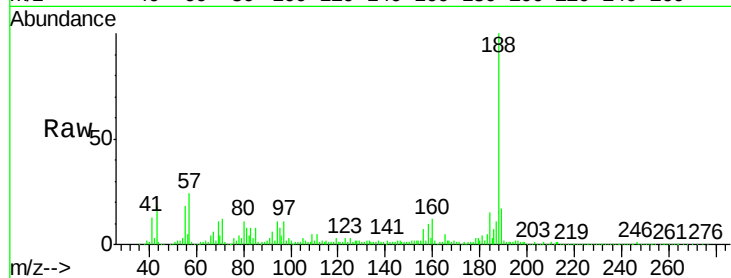
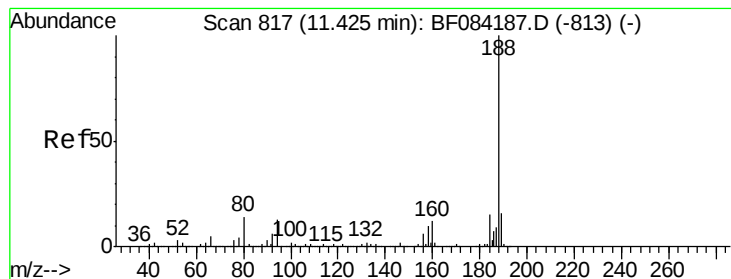
Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:	77	Resp:	1753999
Ion Ratio	Lower	Upper	
77	100		
182	35.8	8.3	48.3
105	26.5	4.6	44.6
51	33.7	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		765121		
94	10.5	9.0	13.4		
80	11.1	9.6	14.4		

Instrument :

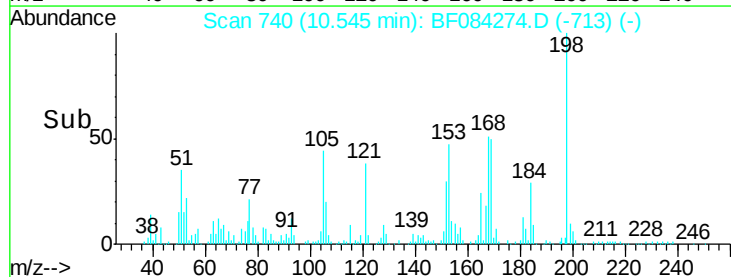
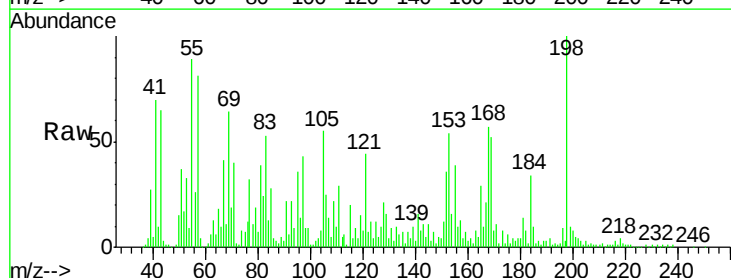
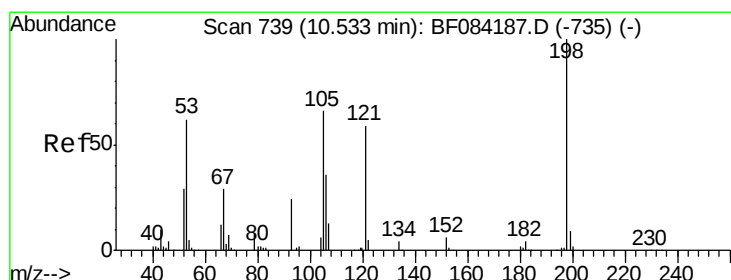
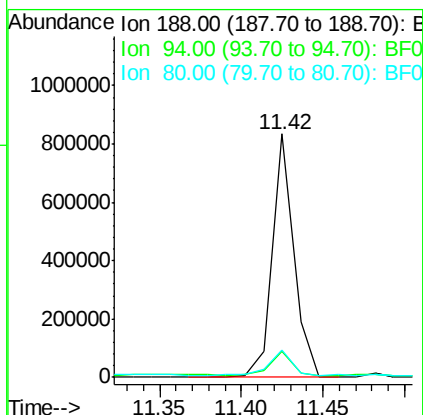
BNA_F

ClientSampleId :

PJ-SB-1(20.0-20.5)MS

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.15 ng

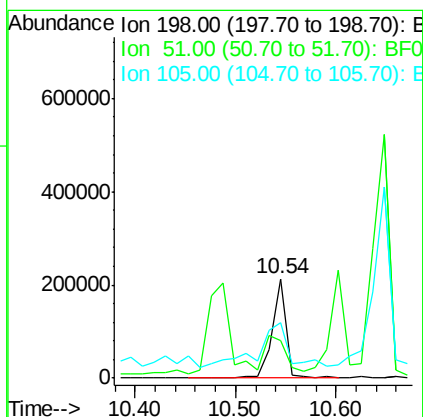
RT: 10.54 min Scan# 740

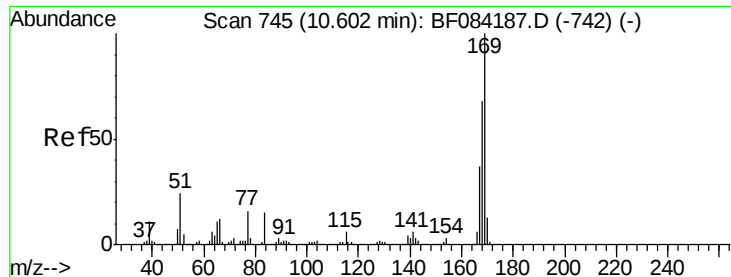
Delta R.T. 0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
198	100		201353		
51	37.4	18.9	58.9		
105	55.3	26.4	66.4		





#65

n-Nitrosodiphenylamine

Concen: 61.00 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Tot Ion:169 Resp: 1492356

Ion Ratio Lower Upper

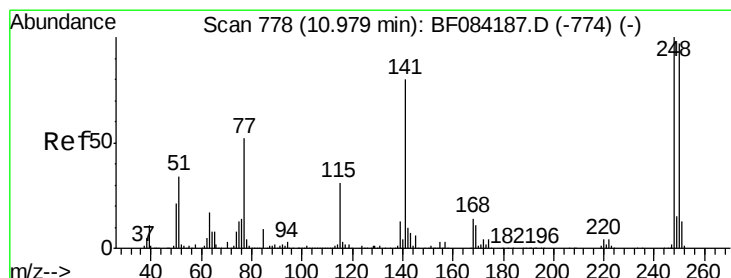
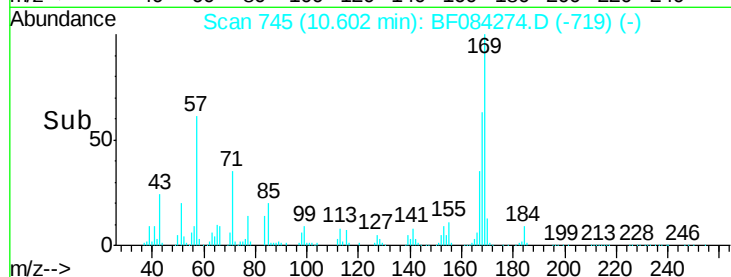
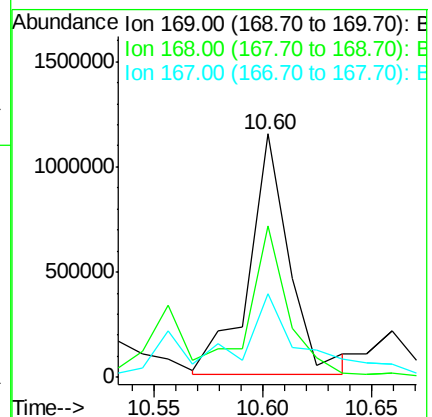
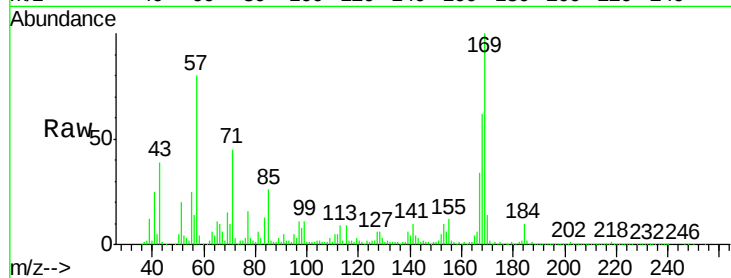
169 100

168 62.1 55.1 82.7

167 34.3 30.0 45.0

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#66

4-Bromophenyl-phenylether

Concen: 52.42 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

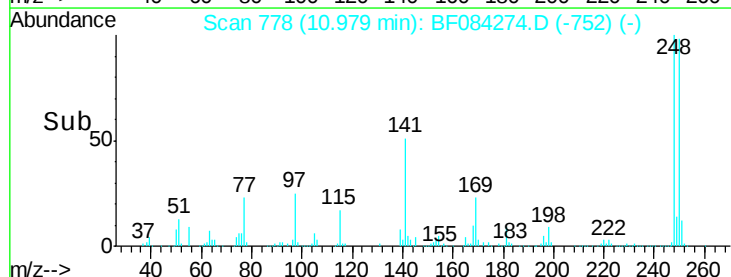
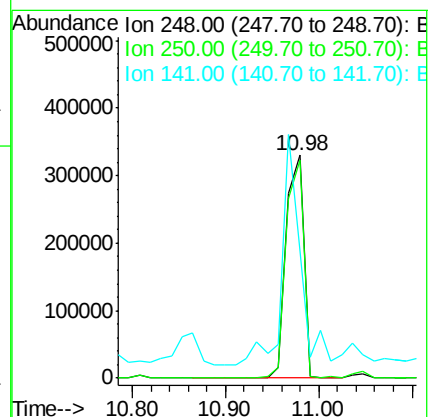
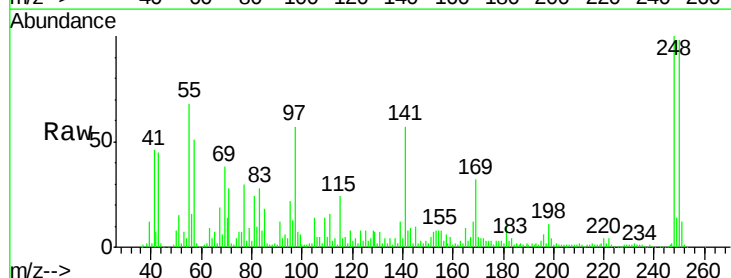
Tgt Ion:248 Resp: 431665

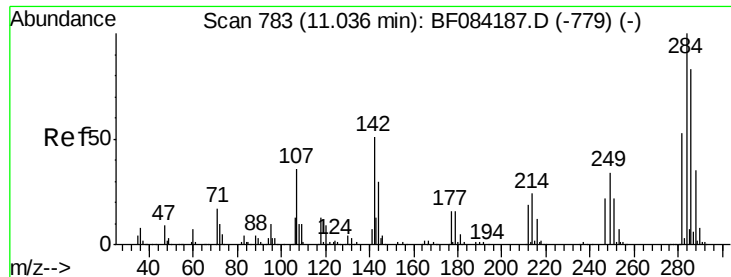
Ion Ratio Lower Upper

248 100

250 97.9 78.4 117.6

141 57.3 44.0 66.0





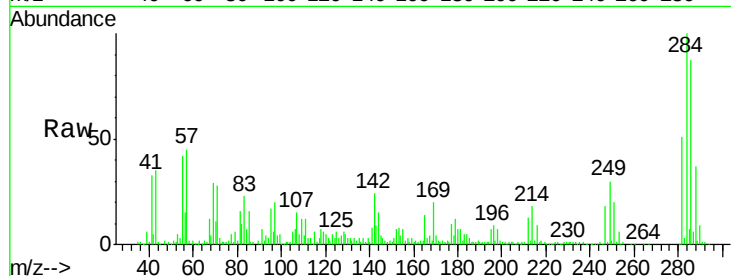
#67
Hexachlorobenzene
Concen: 51.48 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

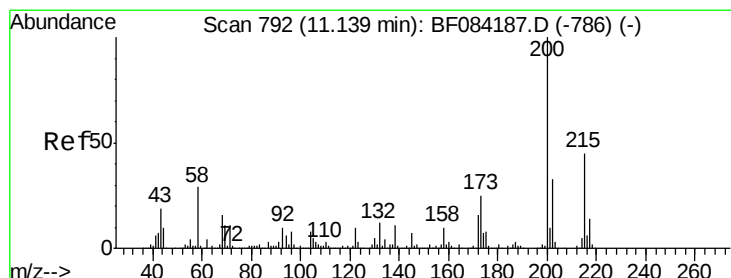
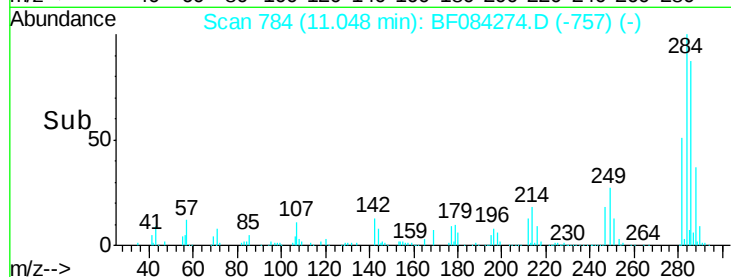
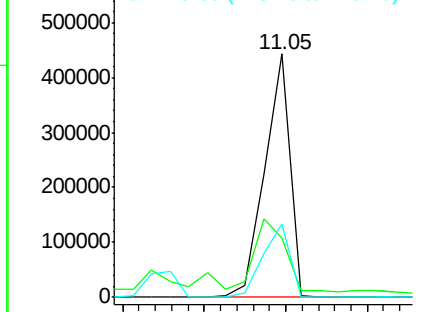
Tot Ion	Ratio	Resp	Lower	Upper
284	100	477160		
142	24.4	22.2	33.4	
249	30.0	24.6	37.0	

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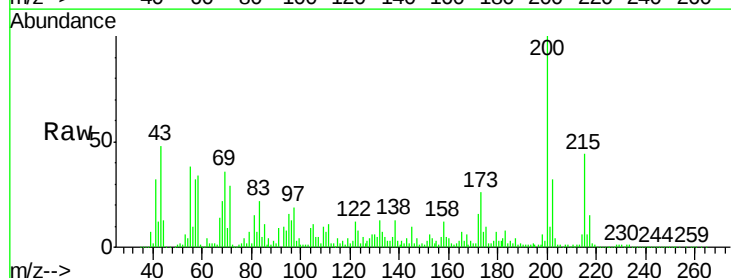


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

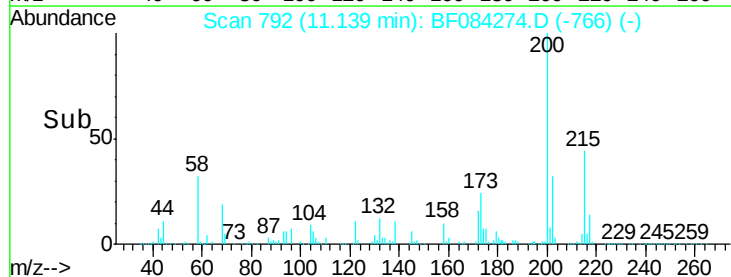
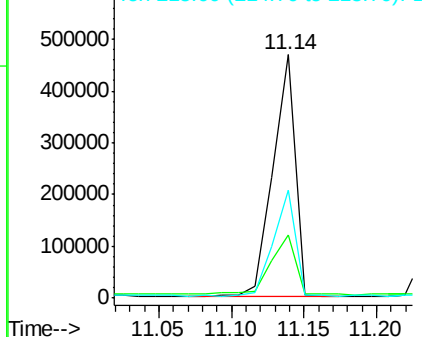


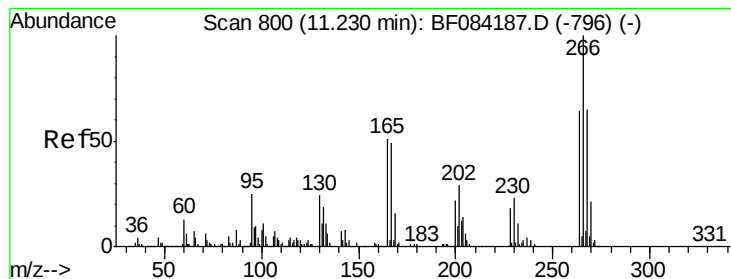
#68
Atrazine
Concen: 62.97 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	504075		
173	25.8	9.5	49.5	
215	44.3	23.8	63.8	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 80.03 ng

RT: 11.24 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

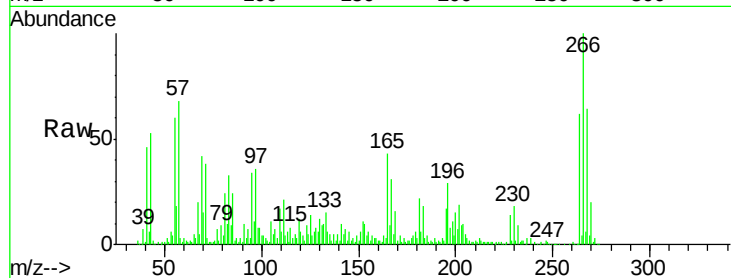
ClientSampleId :

PJ-SB-1(20.0-20.5)MS

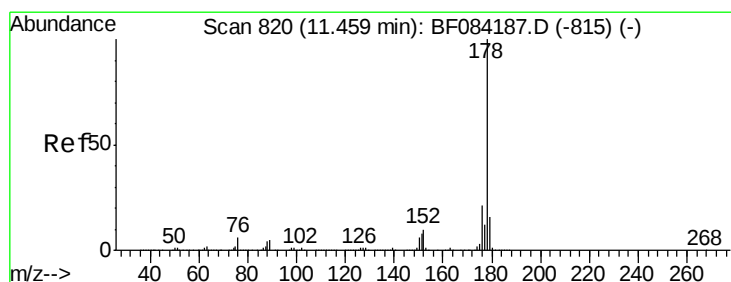
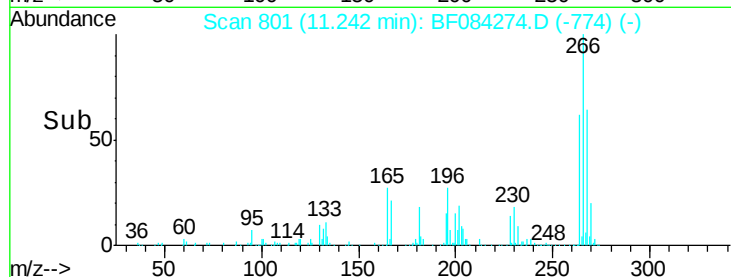
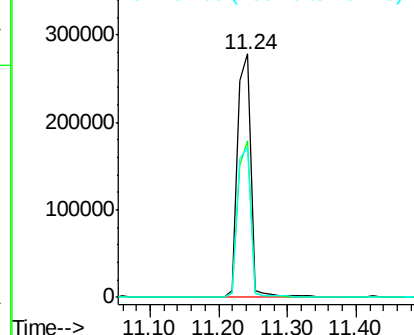
Tot Ion:	266	Resp:	384619
Ion Ratio		Lower	Upper
266	100		
268	64.3	52.4	78.6
264	61.9	50.2	75.2

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 58.61 ng

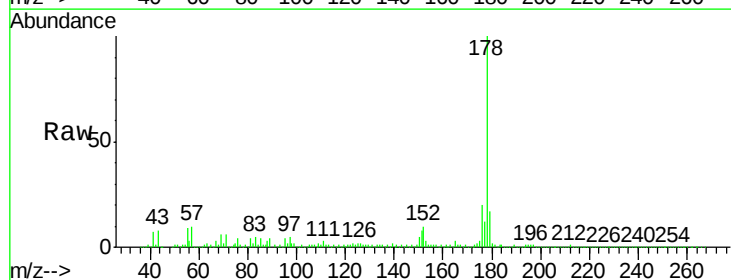
RT: 11.46 min Scan# 820

Delta R.T. 0.00 min

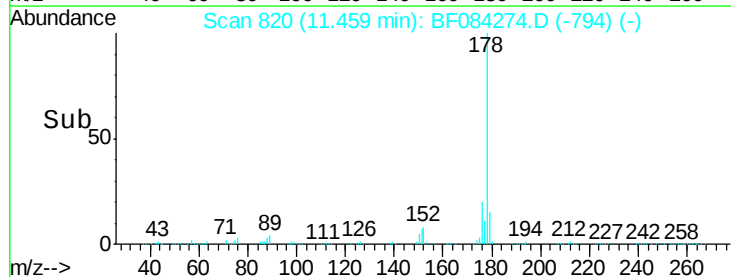
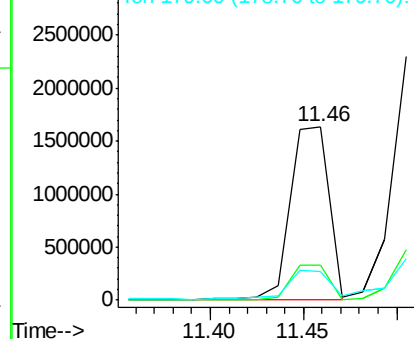
Lab File: BF084274.D

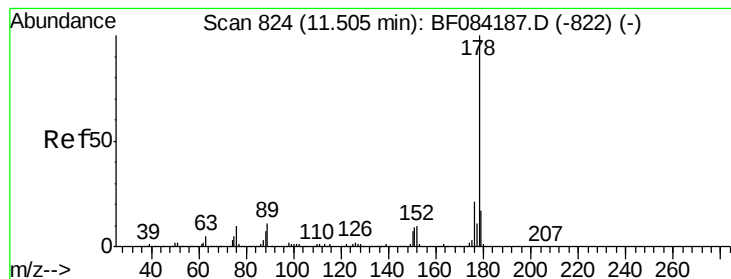
Acq: 5 Jan 2016 9:11

Tgt Ion:	178	Resp:	2345783
Ion Ratio		Lower	Upper
178	100		
176	19.9	15.3	22.9
179	16.6	12.0	18.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 54.27 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

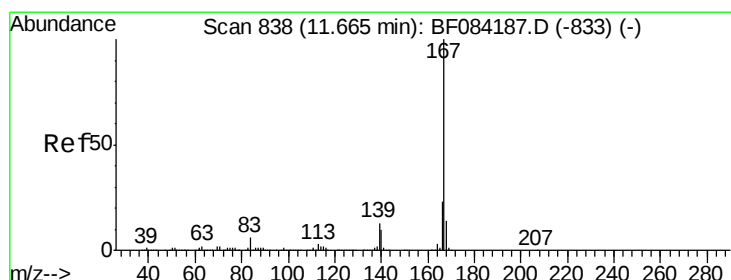
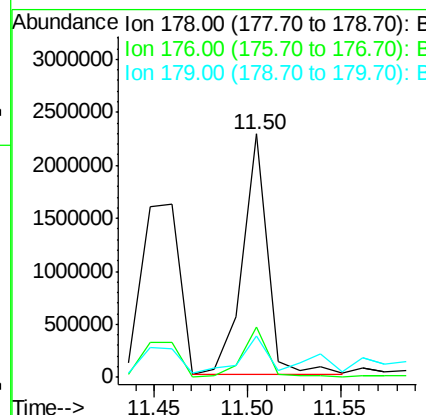
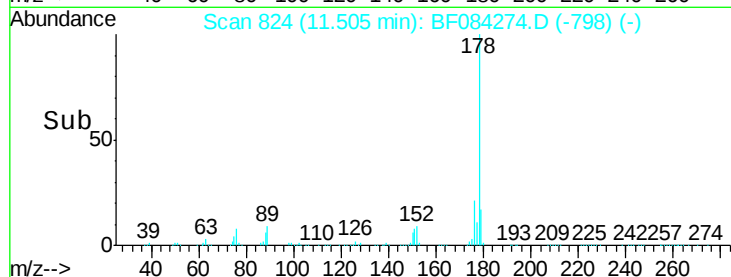
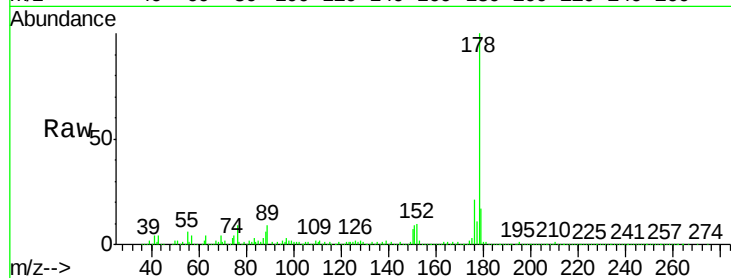
PJ-SB-1(20.0-20.5)MS

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Tot Ion:178	Resp: 2129234
Ion Ratio	Lower Upper
178 100	
176 20.8	15.4 23.0
179 17.2	12.5 18.7



#72

Carbazole

Concen: 48.44 ng

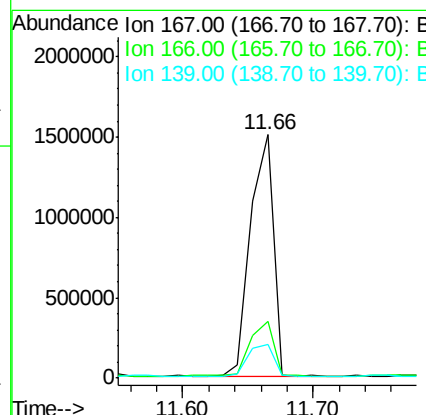
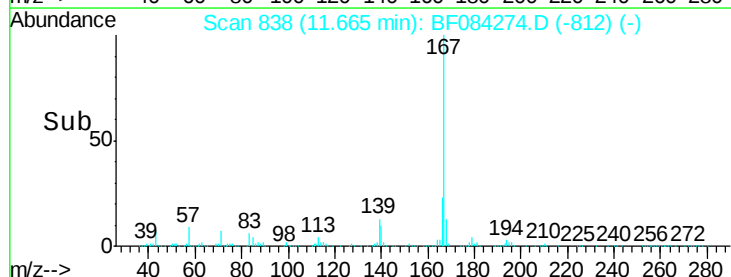
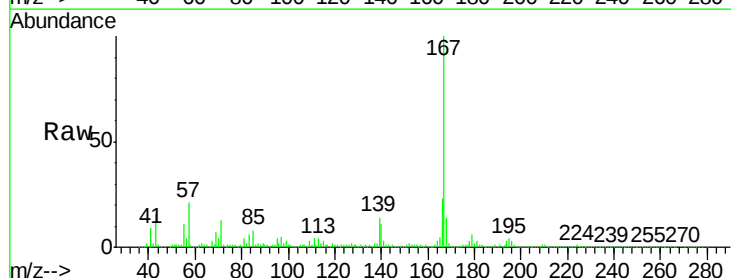
RT: 11.66 min Scan# 838

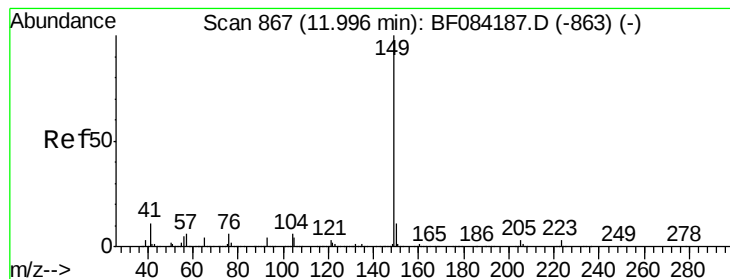
Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:167	Resp: 1857959
Ion Ratio	Lower Upper
167 100	
166 23.3	17.6 26.4
139 14.0	11.8 17.8





#73

Di-n-butylphthalate

Concen: 56.68 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

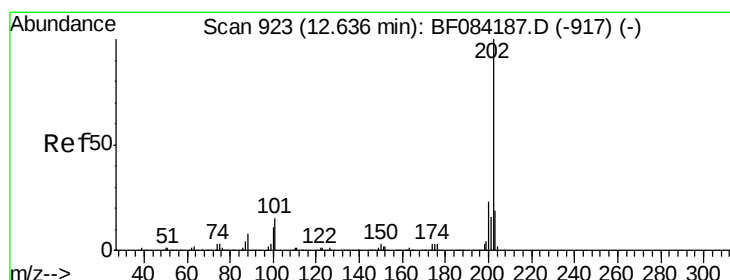
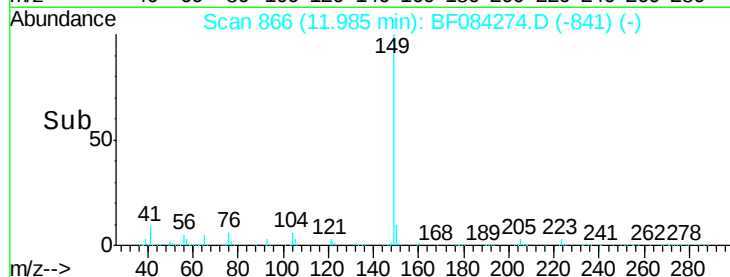
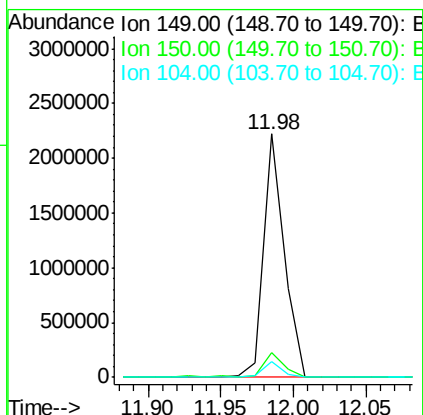
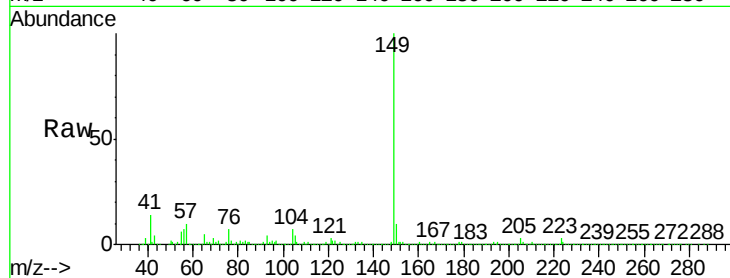
ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Tot Ion:	149	Resp:	2167351
Ion Ratio	Lower	Upper	
149	100		
150	10.3	7.1	10.7
104	6.6	3.2	4.8#

Manual Integrations
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#74

Fluoranthene

Concen: 50.11 ng

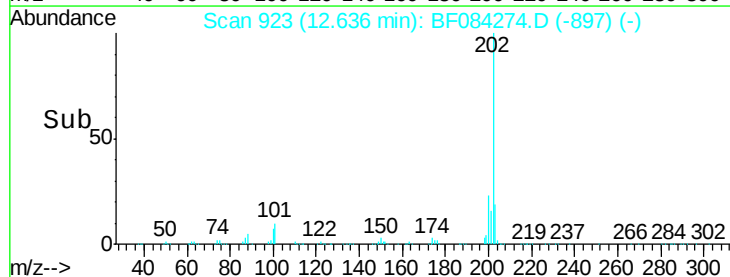
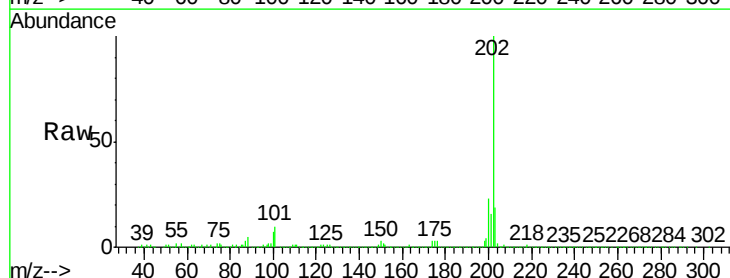
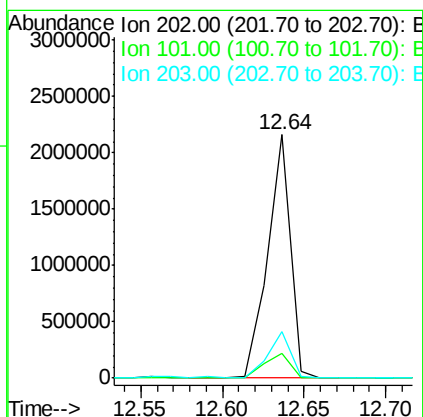
RT: 12.64 min Scan# 923

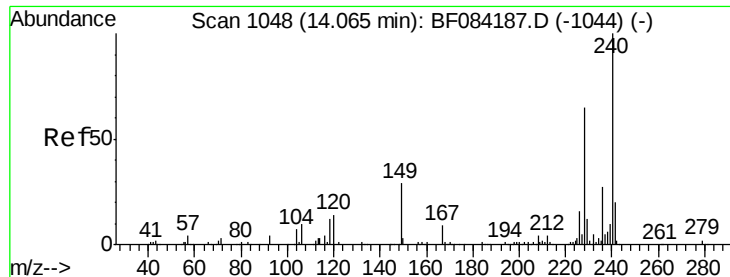
Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:	202	Resp:	2094835
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	32.8
203	19.1	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

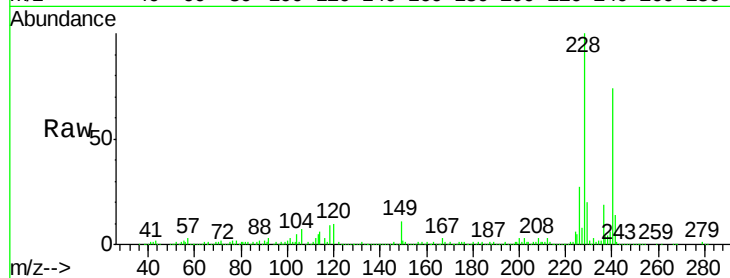
ClientSampleId :

PJ-SB-1(20.0-20.5)MS

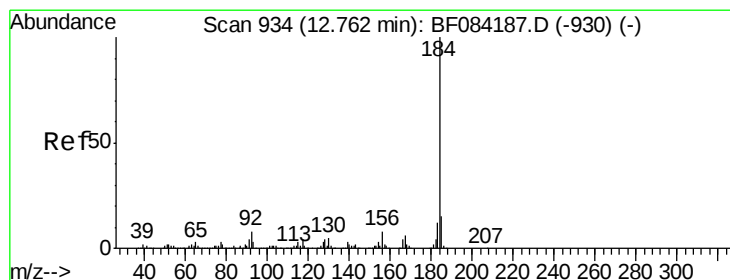
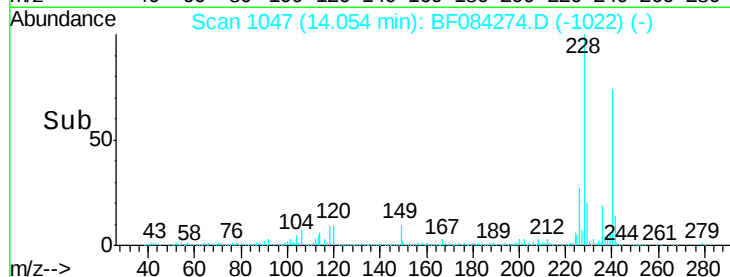
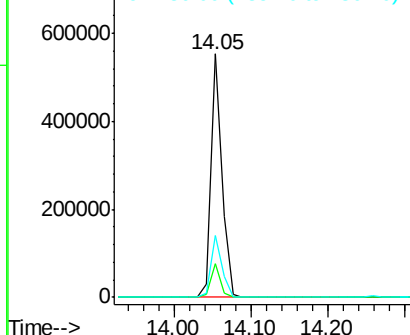
Tot Ion:	240	Resp:	537157
Ion Ratio		Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.6	20.6	31.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.92 ng

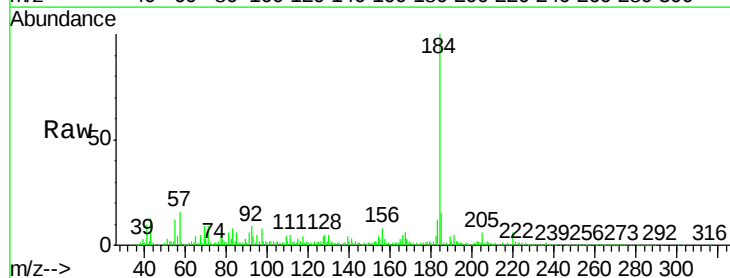
RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

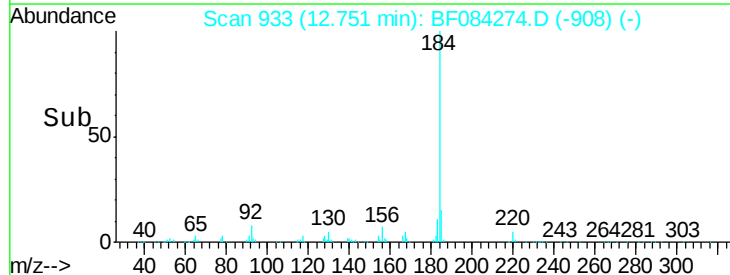
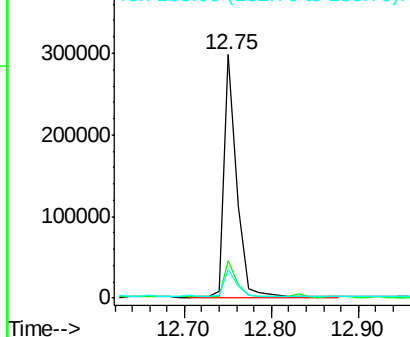
Lab File: BF084274.D

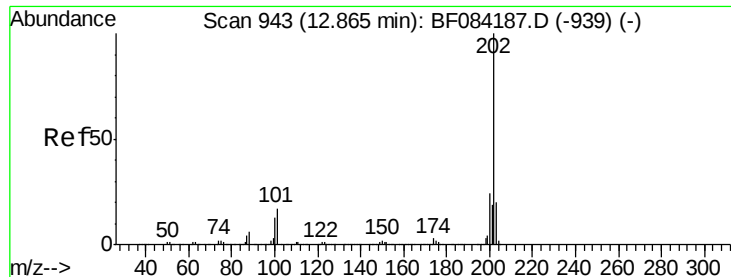
Acq: 5 Jan 2016 9:11

Tgt Ion:	184	Resp:	306690
Ion Ratio		Lower	Upper
184	100		
185	15.2	12.2	18.2
183	11.8	9.8	14.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





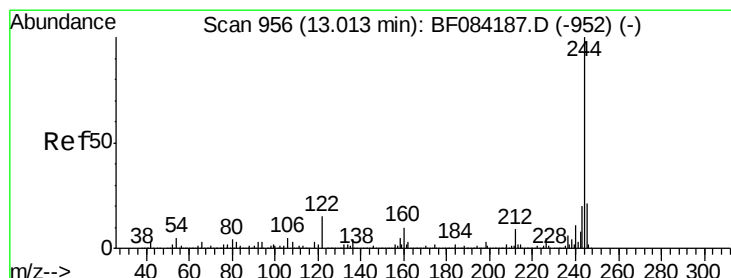
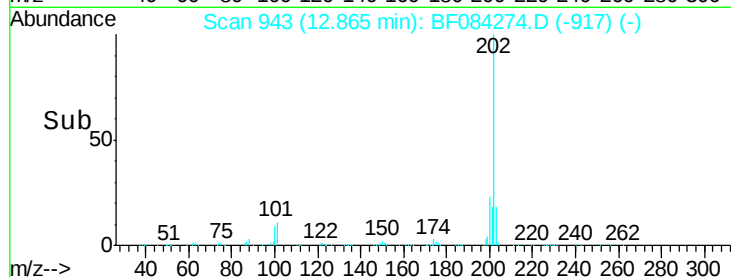
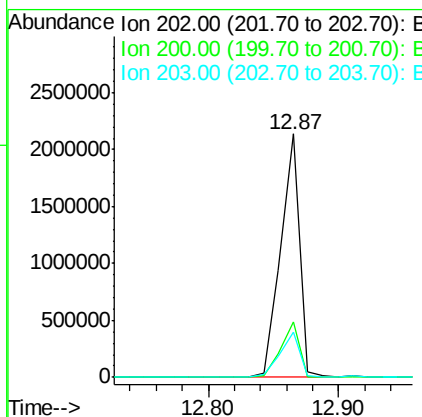
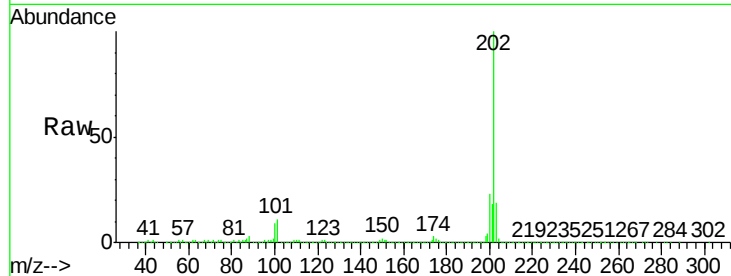
#77
Pvrene
Concen: 51.66 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

Tot Ion:202 Resp: 2177554
Ion Ratio Lower Upper
202 100
200 22.9 17.2 25.8
203 18.8 14.3 21.5

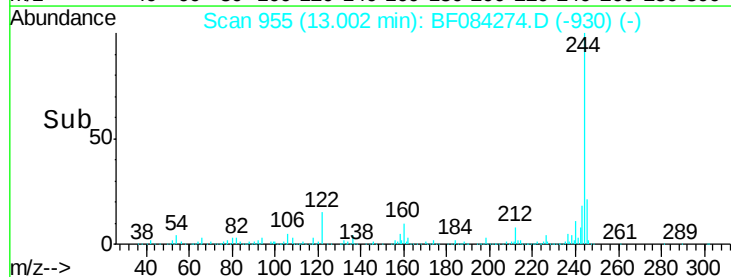
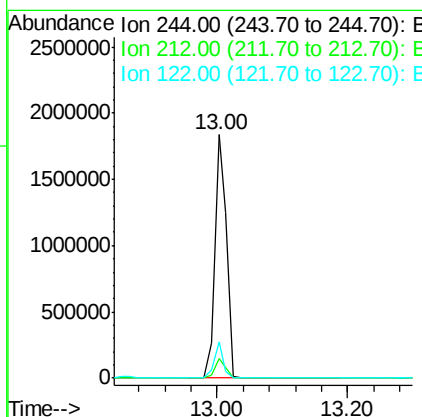
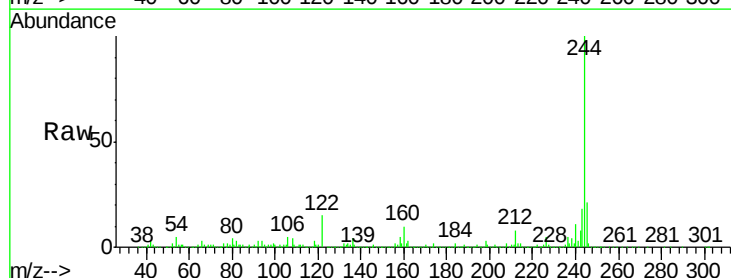
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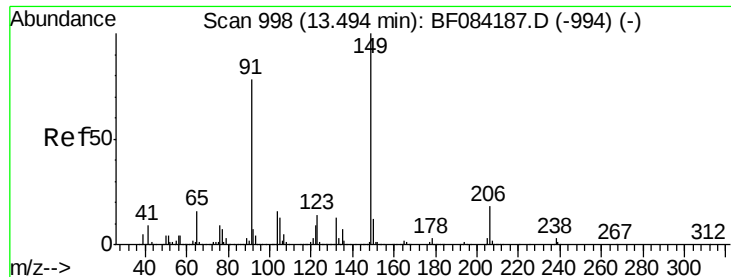
Sohil
1/5/2016 4:07:35 PM



#78
Terphenyl-d14
Concen: 96.24 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion:244 Resp: 2316004
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 14.6 7.4 11.0#





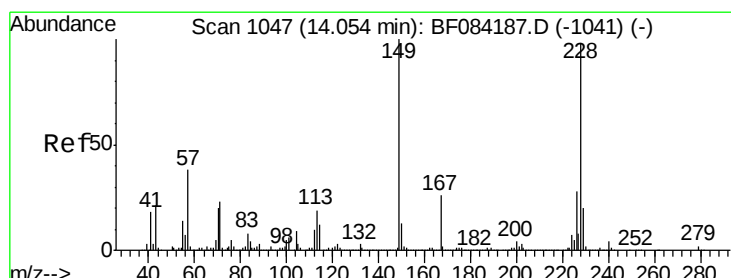
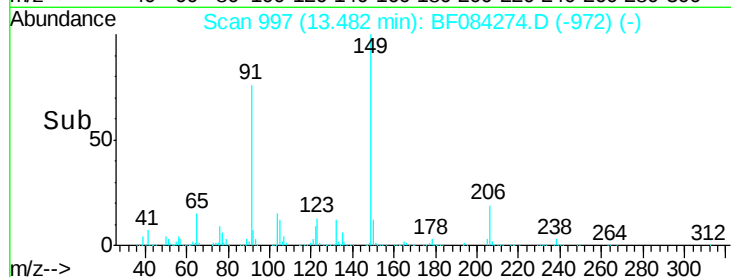
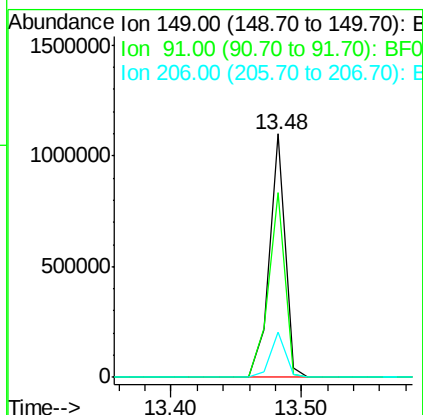
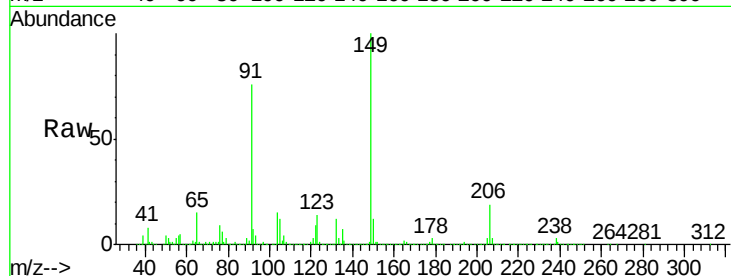
#79
Butylbenzylphthalate
Concen: 50.88 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.7	57.6	86.4
206	18.6	13.2	19.8

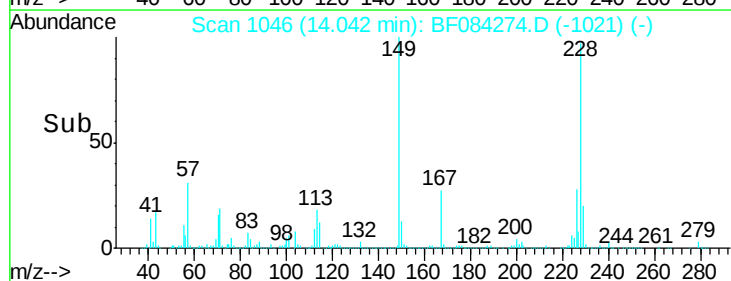
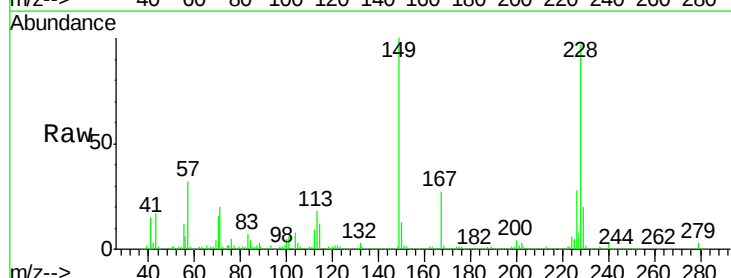
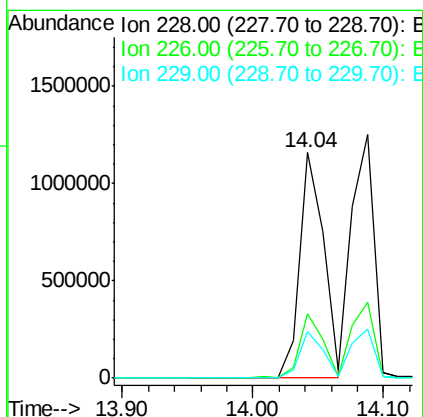
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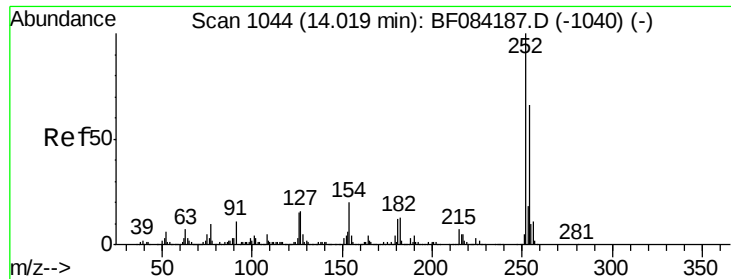
Sohil
1/5/2016 4:07:35 PM



#80
Benzo(a)anthracene
Concen: 46.66 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.8	32.6
229	20.4	15.8	23.8





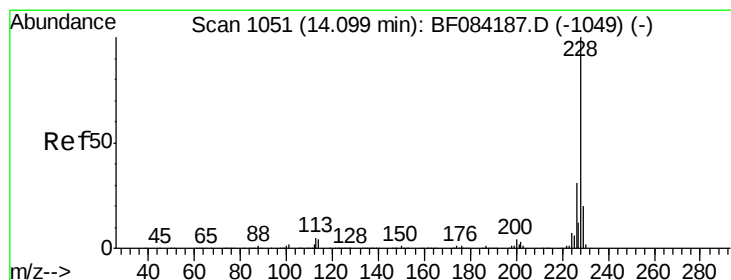
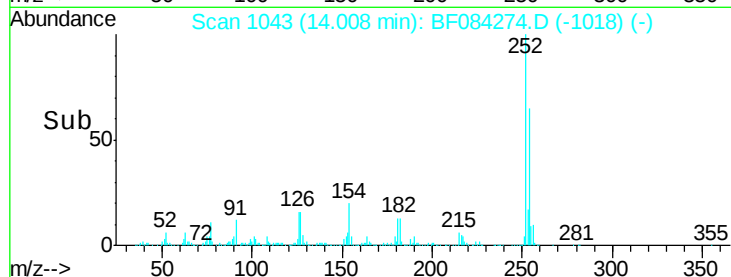
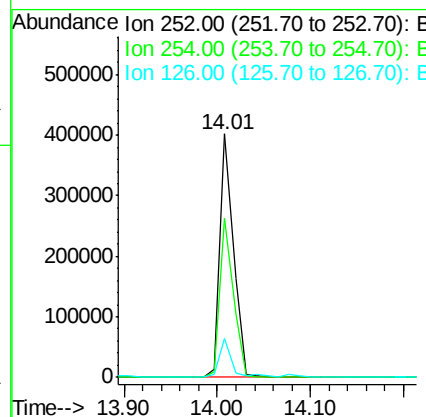
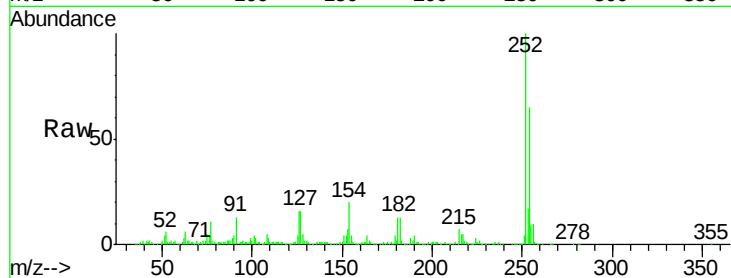
#81
 3,3'-Dichlorobenzidine
 Concen: 37.05 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	53.5	80.3
126	15.9	4.9	7.3#

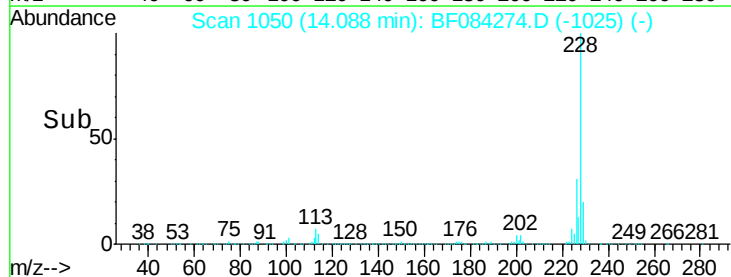
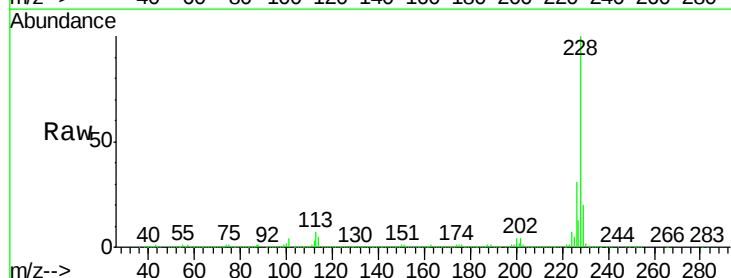
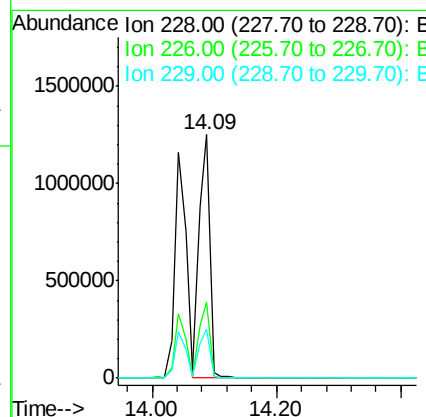
Manual Integrations
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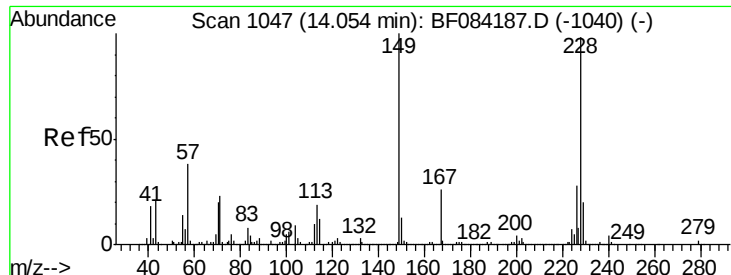
Sohil
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#82
 Chrysene
 Concen: 49.63 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.3	36.5
229	20.2	16.1	24.1





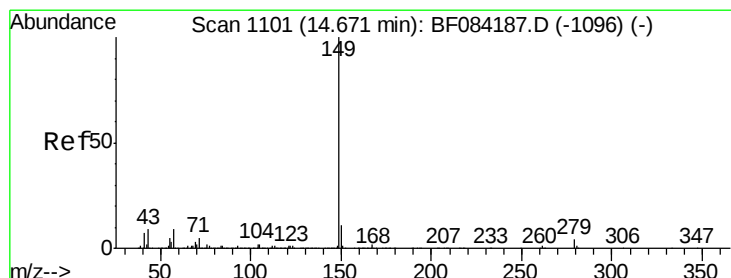
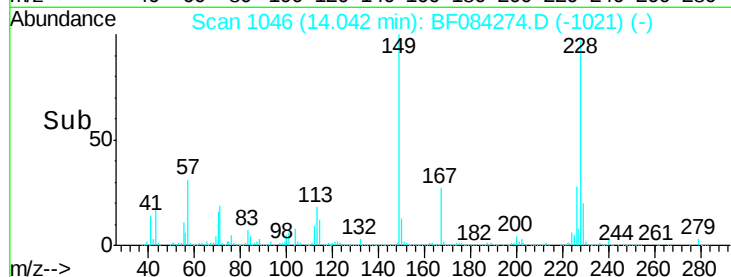
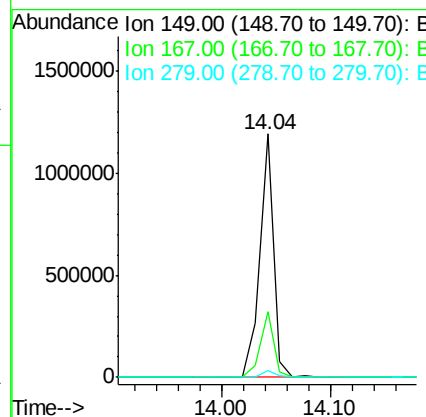
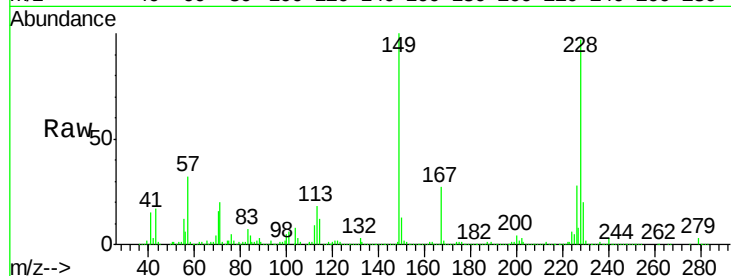
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.14 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-1(20.0-20.5)MS

Tot Ion:149 Resp: 1063277
 Ion Ratio Lower Upper
 149 100
 167 26.8 19.7 29.5
 279 2.8 1.8 2.6#

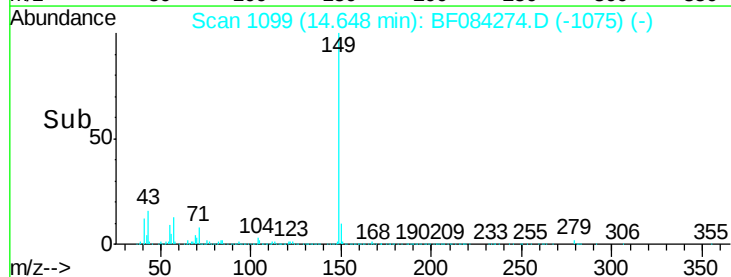
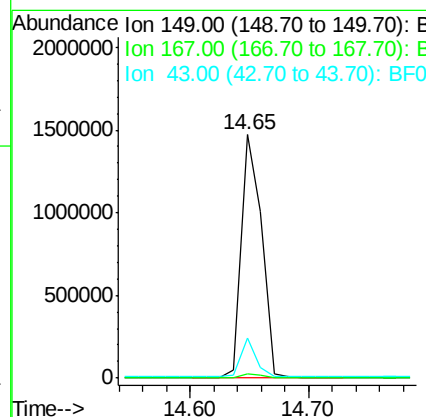
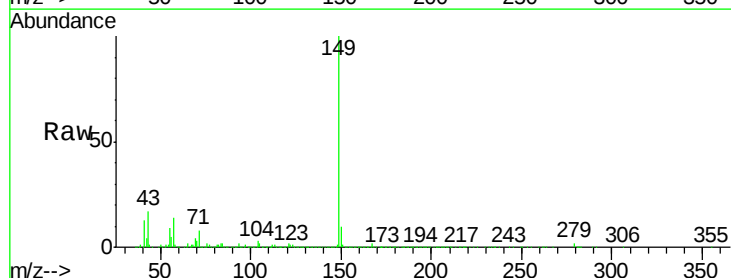
Manual Integrations
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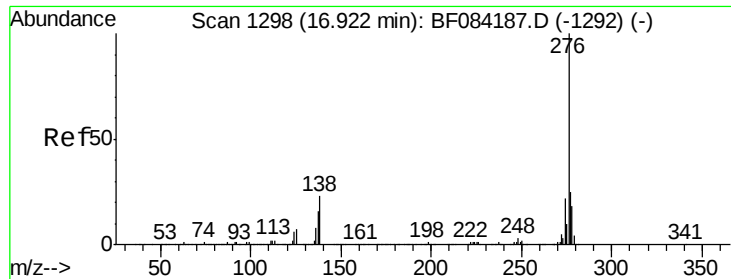
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#84
 Di-n-octyl phthalate
 Concen: 45.19 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion:149 Resp: 1758083
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.3 5.6 8.4#





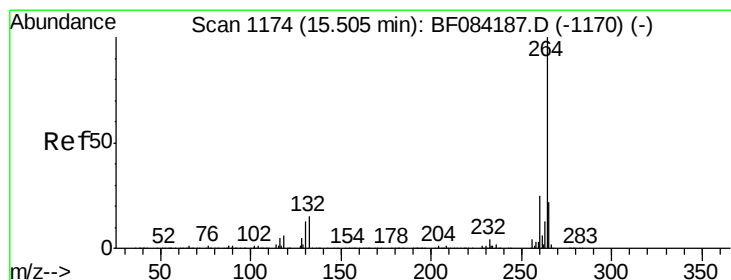
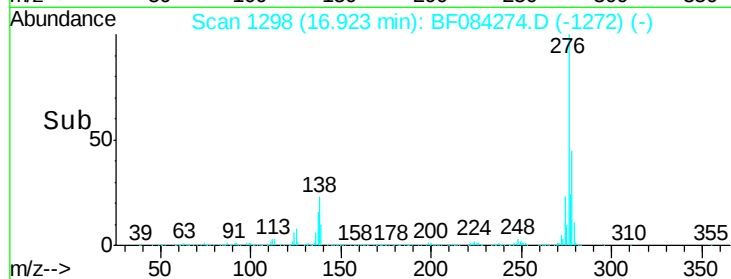
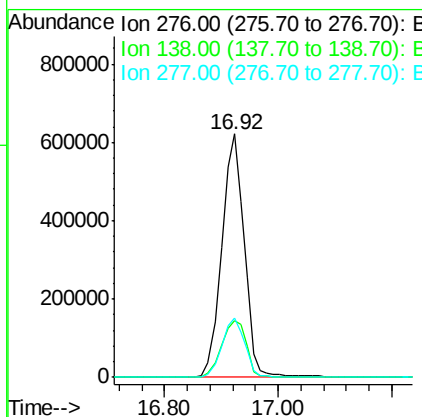
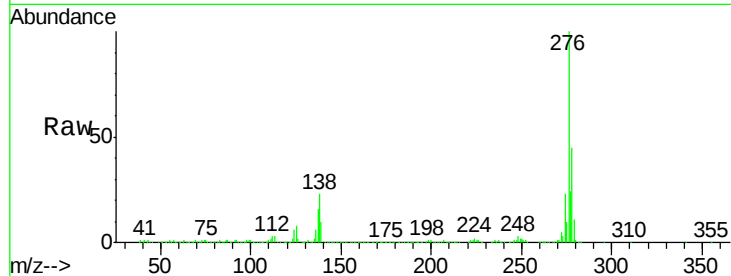
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 71.71 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.6	30.8
277	25.1	20.1	30.1

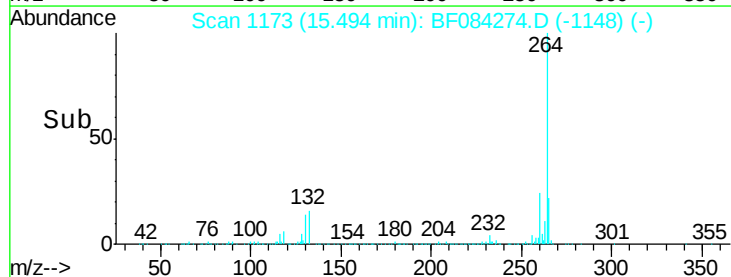
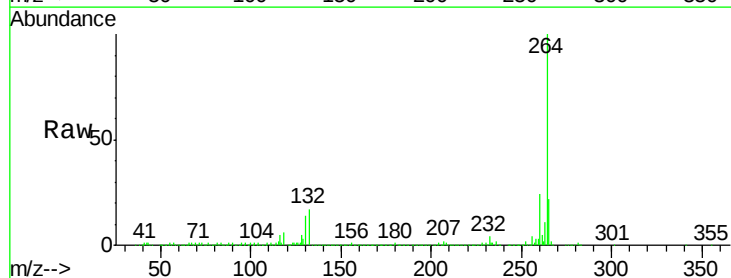
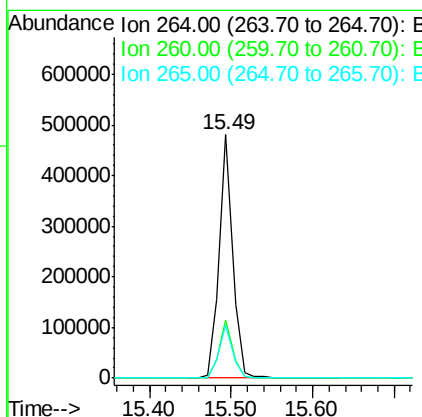
Manual Integrations
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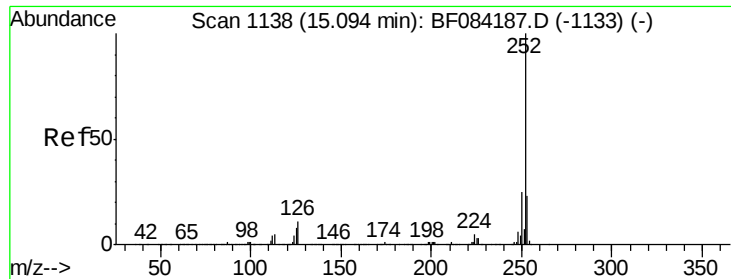
Sohil
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084274.D
 Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.8	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 44.05 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Instrument :

BNA_F

ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Tot Ion:252 Resp: 1608174

Ion Ratio Lower Upper

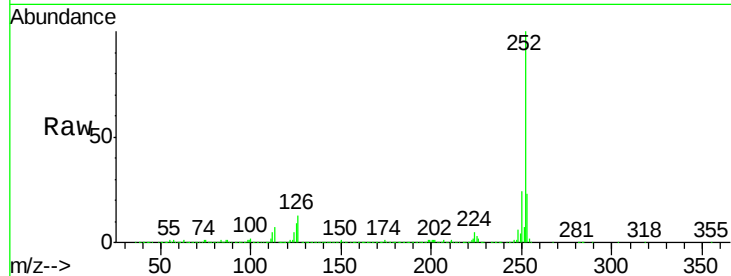
252 100

253 23.0 17.3 25.9

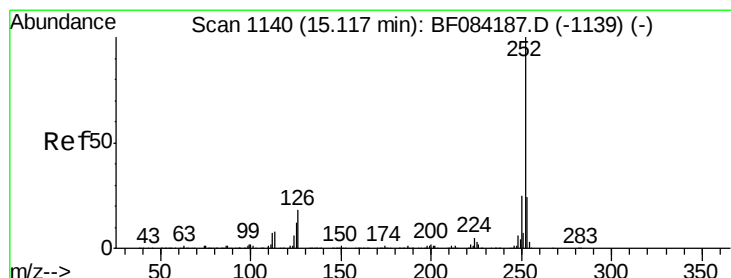
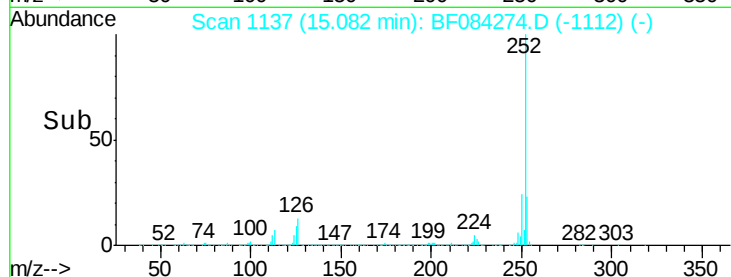
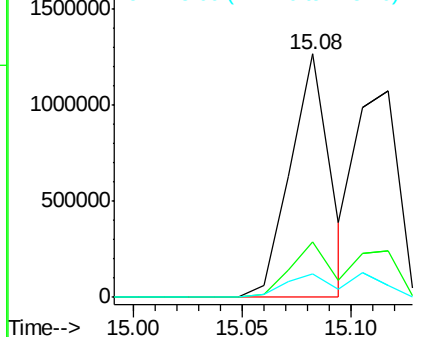
125 9.4 6.5 9.7

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.13 ng m

RT: 15.12 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tgt Ion:252 Resp: 1466878

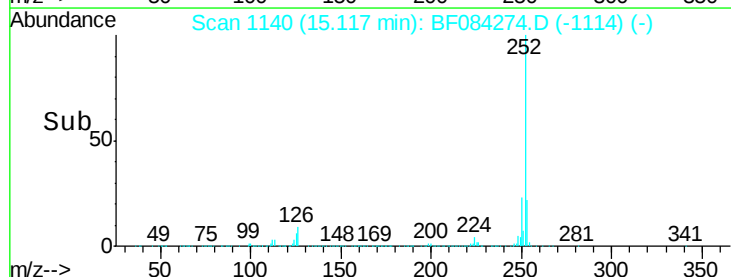
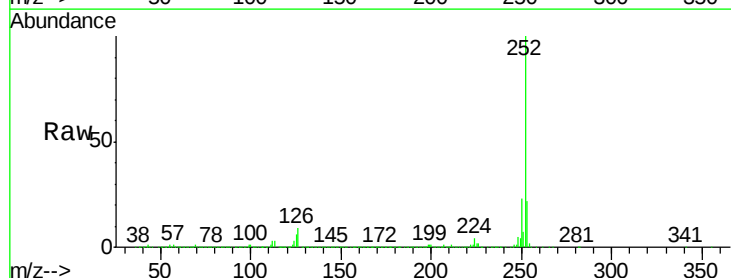
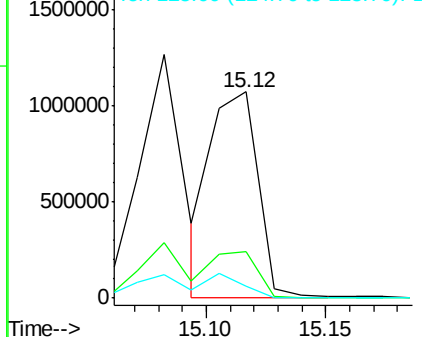
Ion Ratio Lower Upper

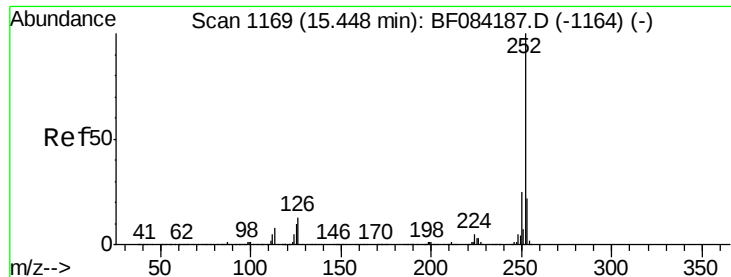
252 100

253 22.3 18.1 27.1

125 5.8 9.0 13.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





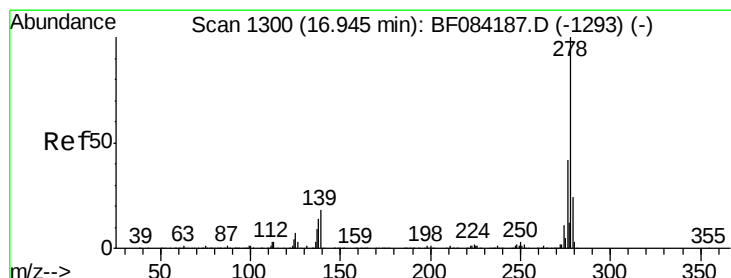
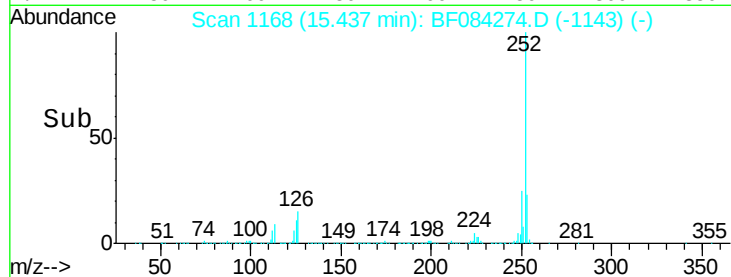
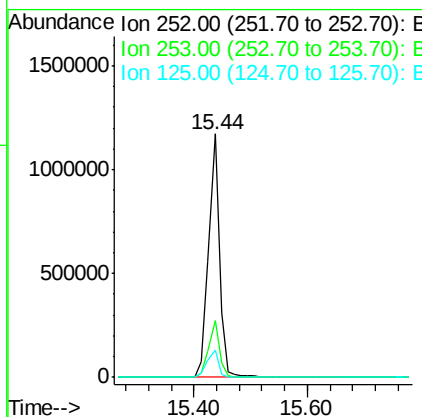
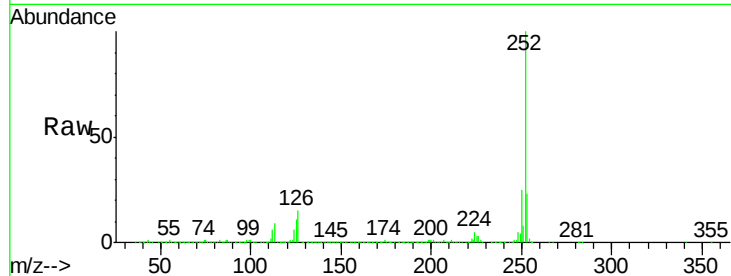
#89
Benzo(a)pyrene
Concen: 48.48 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Instrument :
BNA_F
ClientSampleId :
PJ-SB-1(20.0-20.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	11.2	7.0	10.4

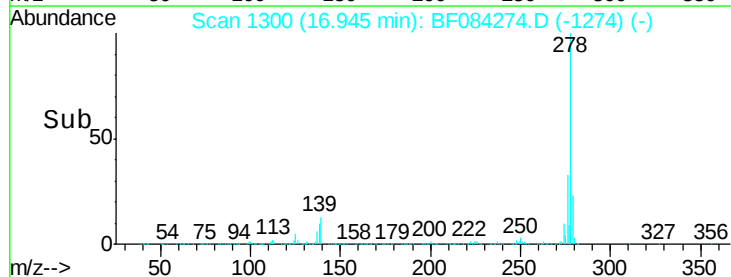
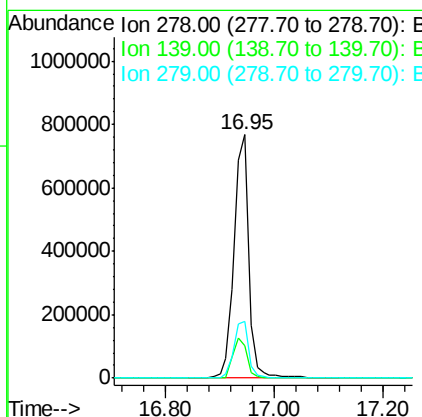
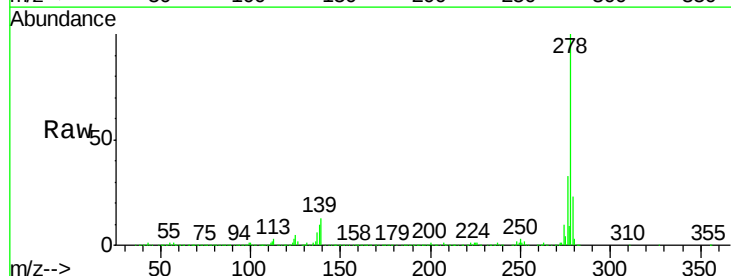
Manual Integrations
APPROVED

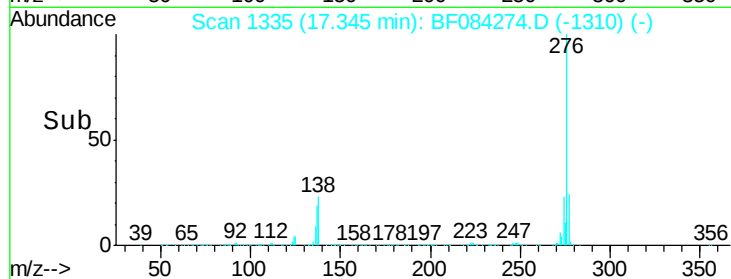
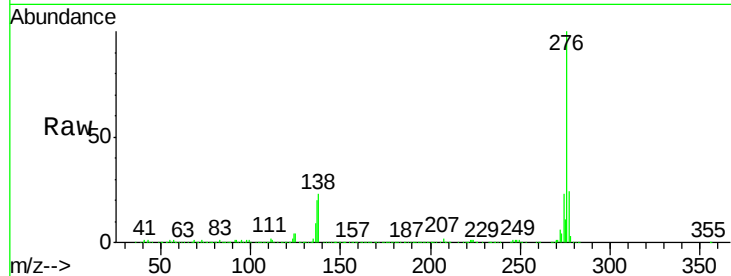
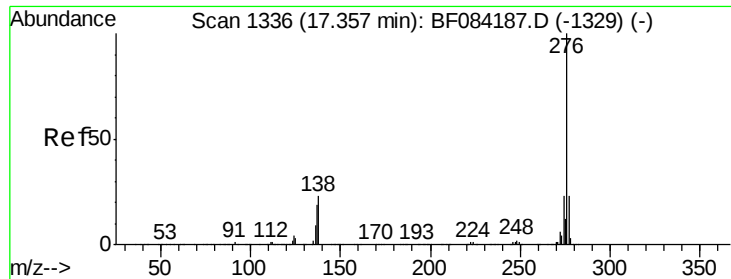
Sohil
1/5/2016 4:07:35 PM



#90
Dibenzo(a,h)anthracene
Concen: 53.87 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084274.D
Acq: 5 Jan 2016 9:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	15.0	22.4
279	23.4	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 51.18 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF084274.D

Acq: 5 Jan 2016 9:11

Tot Ion:	276	Resp:	1412347
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.8	28.2
138	22.8	17.8	26.6

Instrument :

BNA_F

ClientSampleId :

PJ-SB-1(20.0-20.5)MS

Manual Integrations
APPROVED

Sohil
1/5/2016 4:07:35 PM

