

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084242.D
 Acq On : 4 Jan 2016 16:45
 Operator : UM/SJ
 Sample : G4981-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

Manual Integrations
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 1/5/2016 1:26:53 PM

Quant Time: Jan 05 06:38:33 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	305220	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1177598	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	518389	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	766928	20.00	ng	0.00
75) Chrysene-d12	14.07	240	516085	20.00	ng	0.00
86) Perylene-d12	15.51	264	592476	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1023859	54.26	ng	0.01
7) Phenol-d6	6.53	99	867689	36.61	ng	0.00
23) Nitrobenzene-d5	7.46	82	1694785	80.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	557592	106.54	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2550679	86.68	ng	0.00
78) Terphenyl-d14	13.01	244	1617611	69.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	116295	13.01	ng	# 68
3) Pyridine	3.33	79	298964	12.00	ng	# 70
4) n-Nitrosodimethylamine	3.23	42	208394	16.29	ng	80
6) Aniline	6.58	93	493065	14.22	ng	# 81
8) 2-Chlorophenol	6.68	128	653574	30.53	ng	90
9) Benzaldehyde	6.44	77	128334	8.32	ng	# 25
10) Phenol	6.56	94	369331	13.71	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	774864	37.12	ng	# 79
12) 1,3-Dichlorobenzene	6.83	146	721678m	32.68	ng	
13) 1,4-Dichlorobenzene	6.91	146	770096	34.77	ng	96
14) 1,2-Dichlorobenzene	7.07	146	709295	33.44	ng	95
15) Benzyl Alcohol	7.05	79	493188	24.74	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1375672	36.19	ng	94
17) 2-Methylphenol	7.16	107	434328	24.21	ng	# 88
18) Hexachloroethane	7.40	117	362713	40.96	ng	# 86
19) n-Nitroso-di-n-propylamine	7.32	70	647344	40.35	ng	# 82
20) 3+4-Methylphenols	7.32	107	506031	23.99	ng	88
22) Acetophenone	7.31	105	1303400	46.03	ng	99
24) Nitrobenzene	7.48	77	919006	42.82	ng	96
25) Isophorone	7.72	82	1591428	39.33	ng	96
26) 2-Nitrophenol	7.80	139	421570	43.16	ng	97
27) 2,4-Dimethylphenol	7.85	122	675507	34.17	ng	94
28) bis(2-Chloroethoxy)methane	7.94	93	1055655	42.71	ng	93
29) 2,4-Dichlorophenol	8.04	162	576297	35.00	ng	93
30) 1,2,4-Trichlorobenzene	8.12	180	657223	38.66	ng	96
31) Naphthalene	8.20	128	2126746	39.81	ng	98
32) Benzoic acid	7.97	122	178858	18.48	ng	94
33) 4-Chloroaniline	8.26	127	154600	6.31	ng	97
34) Hexachlorobutadiene	8.33	225	377087	38.59	ng	98
36) 4-Chloro-3-methylphenol	8.75	107	604321	32.76	ng	92
37) 2-Methylnaphthalene	8.90	142	1539962	40.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	563501	37.81	ng	# 96
40) Hexachlorocyclopentadiene	9.05	237	604530	67.20	ng	97
42) 2,4,6-Trichlorophenol	9.18	196	406896	36.49	ng	92

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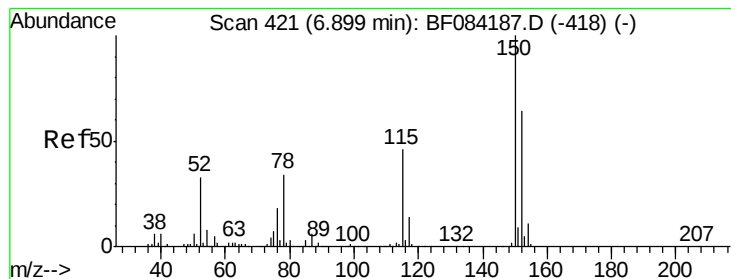
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Quant Time: Jan 05 06:38:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	382276	35.77	nq	# 86
45) 1,1'-Biphenyl	9.37	154	1762341	42.78	nq	96
46) 2-Chloronaphthalene	9.39	162	1366840	42.24	nq	91
47) 2-Nitroaniline	9.48	65	427871	40.06	nq	90
48) Acenaphthylene	9.80	152	1797247	37.59	nq	# 96
49) Dimethylphthalate	9.68	163	1638230	44.21	nq	# 91
50) 2,6-Dinitrotoluene	9.73	165	357601	44.00	nq	97
51) Acenaphthene	9.97	154	1334823	41.62	nq	98
52) 3-Nitroaniline	9.90	138	106094	10.53	nq	# 75
53) 2,4-Dinitrophenol	10.00	184	225843	65.88	nq	# 69
54) Dibenzofuran	10.14	168	1583787	37.64	nq	# 88
55) 4-Nitrophenol	10.09	139	171429	23.45	nq	# 40
56) 2,4-Dinitrotoluene	10.13	165	457961	44.52	nq	# 73
57) Fluorene	10.49	166	1218953	37.56	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	314197	34.43	nq	# 94
59) Diethylphthalate	10.37	149	1446103	39.58	nq	94
60) 4-Chlorophenyl-phenylether	10.49	204	617274	45.66	nq	# 85
61) 4-Nitroaniline	10.51	138	122195	13.61	nq	91
62) Azobenzene	10.64	77	1507099	37.61	nq	84
64) 4,6-Dinitro-2-methylphenol	10.53	198	172589	36.88	nq	# 71
65) n-Nitrosodiphenylamine	10.60	169	1057276	43.12	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	377555	45.74	nq	# 65
67) Hexachlorobenzene	11.04	284	436801	47.01	nq	97
68) Atrazine	11.17	200	192162	23.95	nq	98
69) Pentachlorophenol	11.24	266	387566	80.45	nq	98
70) Phenanthrene	11.45	178	1675367	41.76	nq	96
71) Anthracene	11.50	178	1784236	45.37	nq	98
72) Carbazole	11.66	167	1264789	32.90	nq	98
73) Di-n-butylphthalate	12.00	149	1740976	41.84	nq	# 96
74) Fluoranthene	12.64	202	1422932	33.95	nq	98
77) Pyrene	12.86	202	1385150	34.20	nq	99
79) Butylbenzylphthalate	13.49	149	617398	35.23	nq	88
80) Benzo(a)anthracene	14.05	228	1192777	39.36	nq	98
82) Chrysene	14.09	228	1130455	38.82	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	845406	38.18	nq	# 97
84) Di-n-octyl phthalate	14.66	149	1599838	42.80	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.95	276	1748242	75.74	nq	99
87) Benzo(b)fluoranthene	15.09	252	1355497	34.97	nq	# 95
88) Benzo(k)fluoranthene	15.13	252	1346252m	42.47	nq	
89) Benzo(a)pyrene	15.45	252	1357623	41.30	nq	# 94
90) Dibenzo(a,h)anthracene	16.96	278	1441366	50.95	nq	99
91) Benzo(g,h,i)perylene	17.38	276	1485635	50.72	nq	97

(#) = 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: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

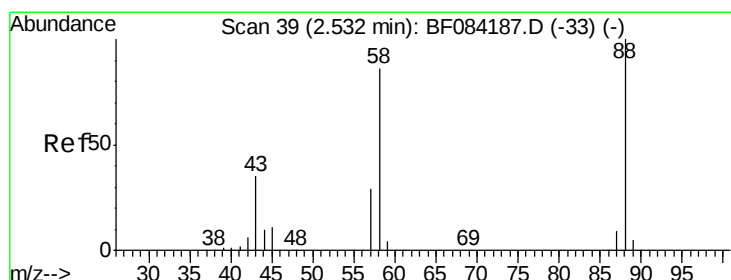
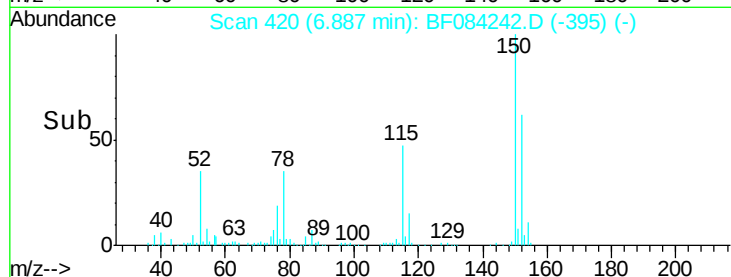
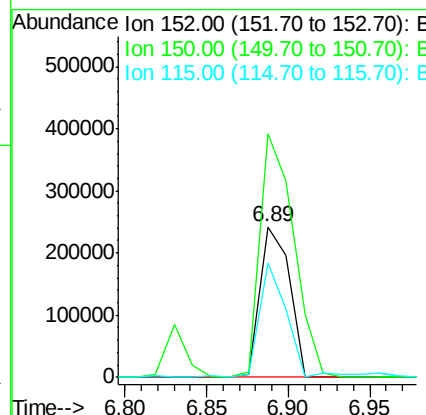
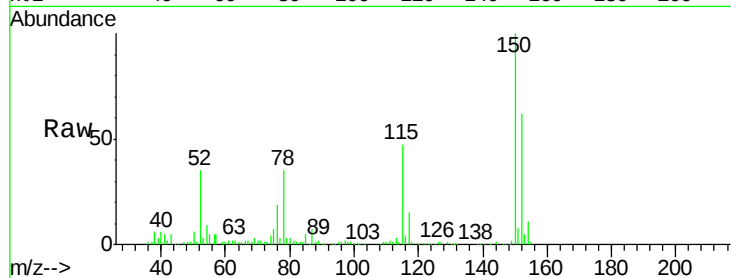
ClientSampleId :

S8-0529MSD

Tot Ion:	152	Resp:	305220
Ion Ratio	Lower	Upper	
152	100		
150	162.0	123.0	184.4
115	76.5	51.4	77.2

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#2

1,4-Dioxane

Concen: 13.01 ng

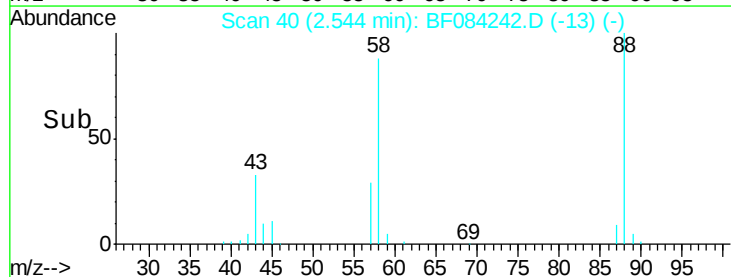
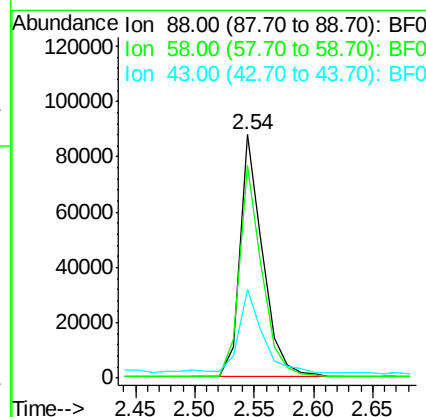
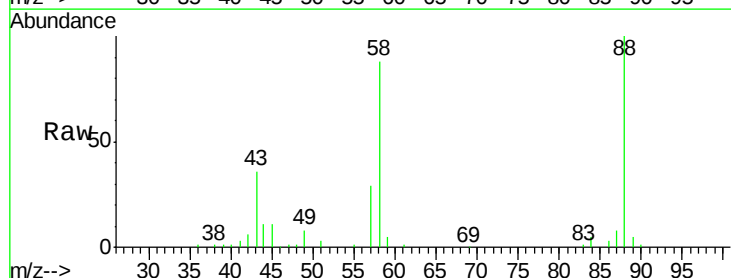
RT: 2.54 min Scan# 40

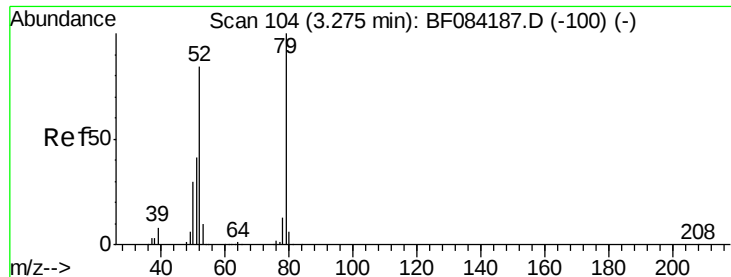
Delta R.T. 0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Tgt Ion:	88	Resp:	116295
Ion Ratio	Lower	Upper	
88	100		
58	88.6	51.2	76.8#
43	40.8	19.5	29.3#





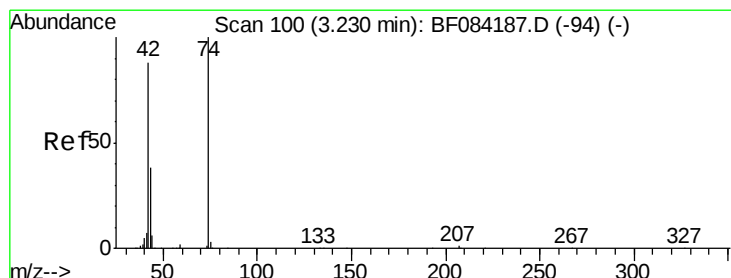
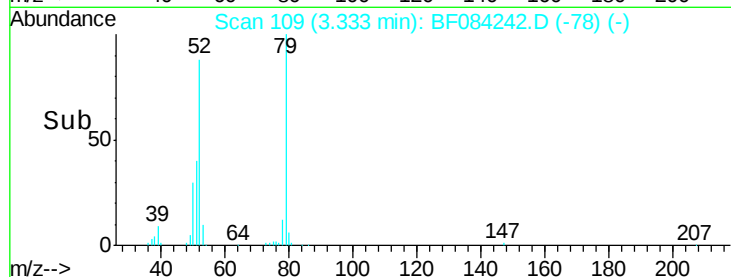
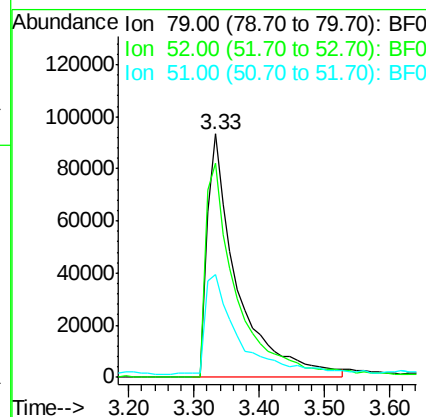
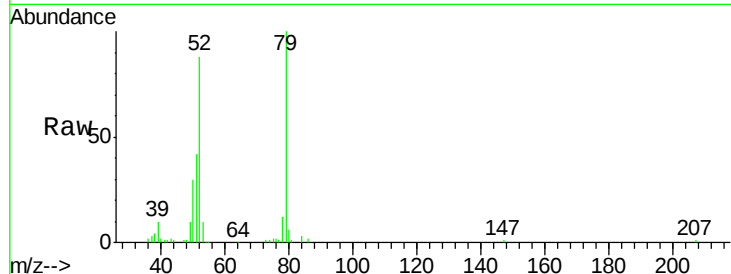
#3
 Pvridine
 Concen: 12.00 ng
 RT: 3.33 min Scan# 109
 Delta R.T. 0.06 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Instrument :
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 ClientSampleId :
 S8-0529MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		298964		
52	88.2	49.0	73.4#		
51	42.3	25.2	37.8#		

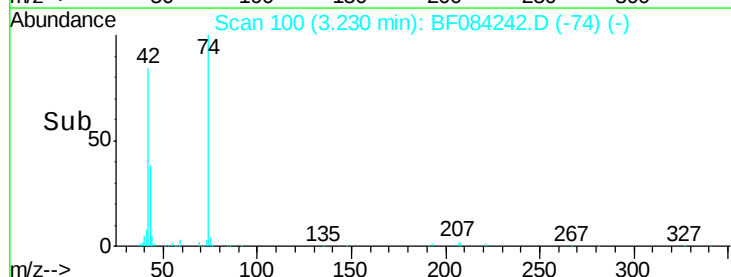
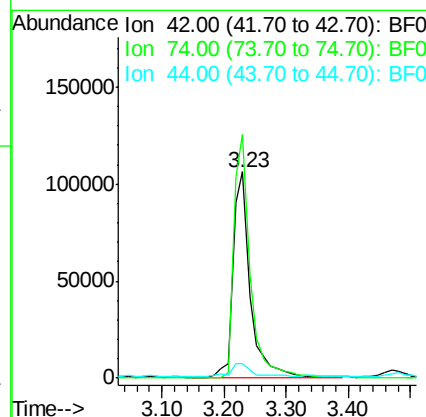
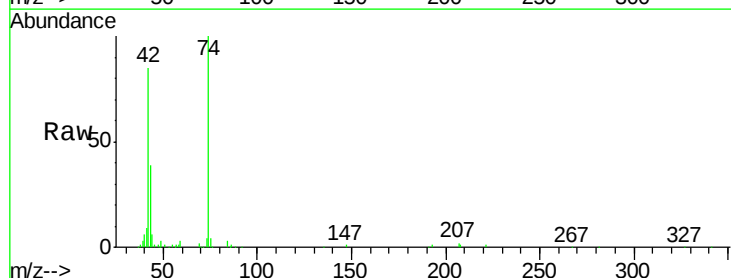
Manual Integrations
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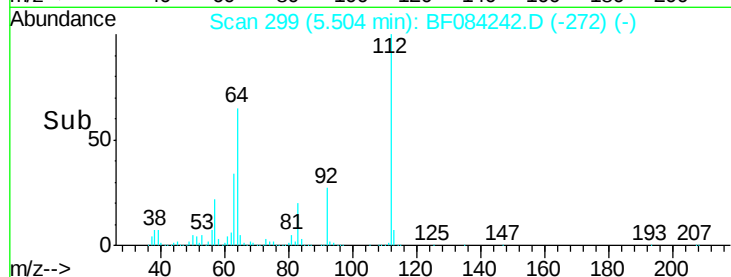
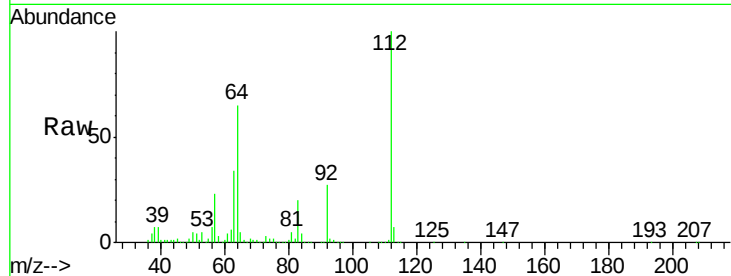
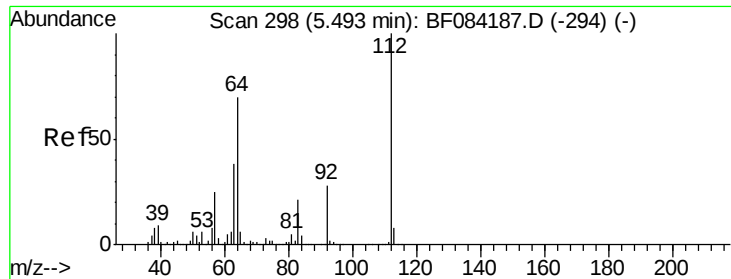
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#4
 n-Nitrosodimethylamine
 Concen: 16.29 ng
 RT: 3.23 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		208394		
74	118.2	115.7	173.5		
44	7.2	5.1	7.7		





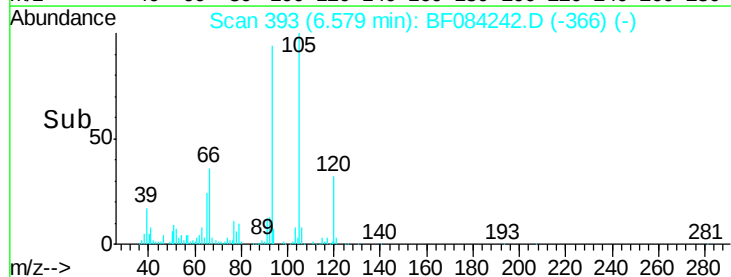
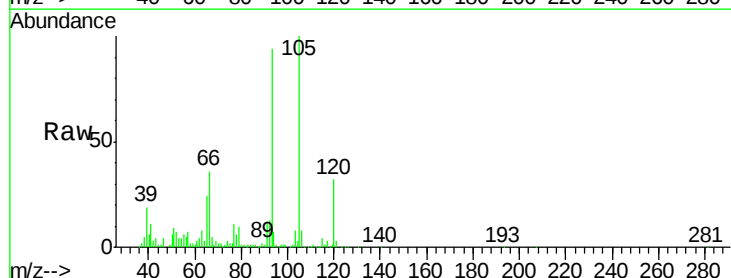
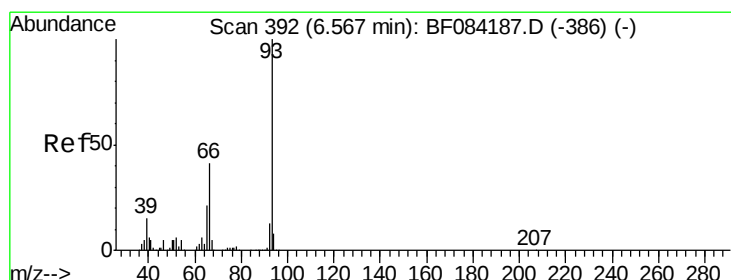
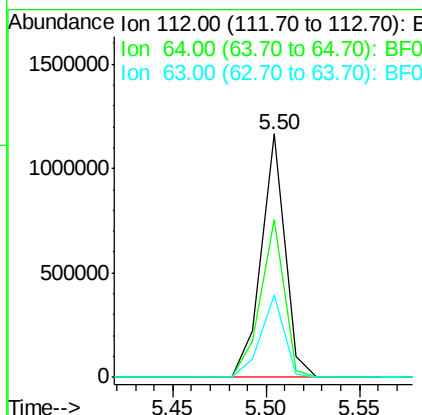
#5
2-Fluorophenol
Concen: 54.26 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1023859		
64	65.0		36.6	55.0#
63	33.7		19.4	29.0#

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

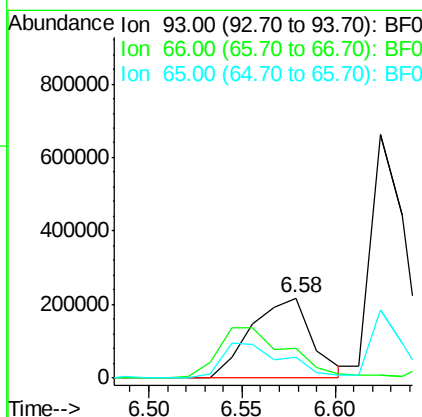
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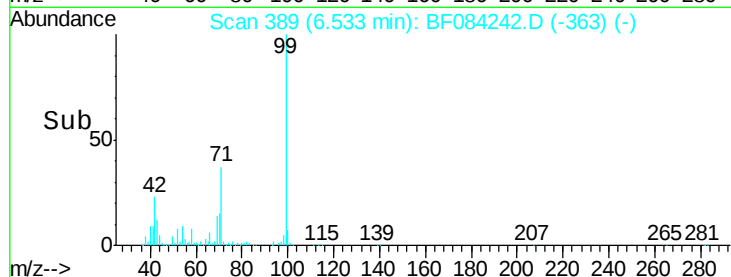
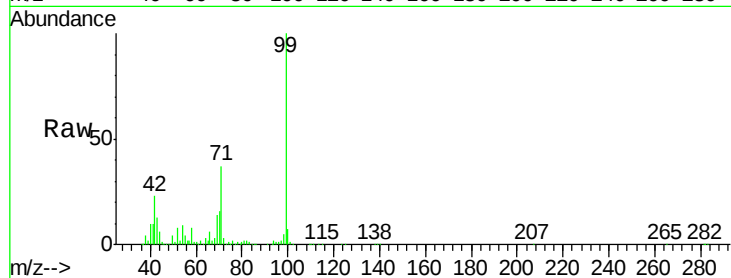
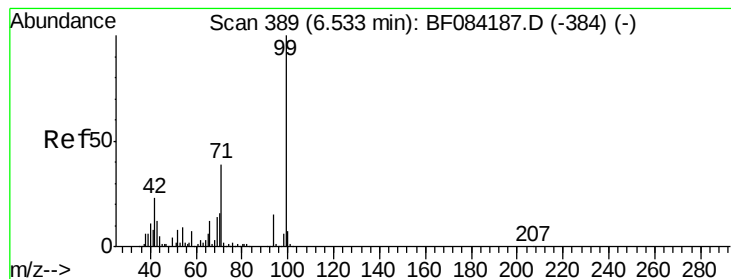
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#6
Aniline
Concen: 14.22 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	493065		
66	37.9		44.9	67.3#
65	25.4		23.7	35.5





#7

Phenol-d6

Concen: 36.61 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Tot Ion:	99	Resp:	867689
Ion Ratio	Lower	Upper	
99	100		
42	23.0	12.8	19.2#
71	37.1	30.9	46.3

Instrument :

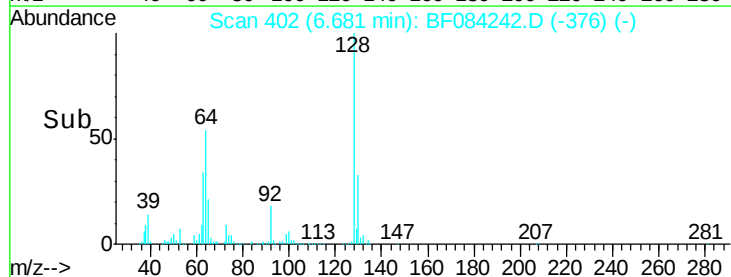
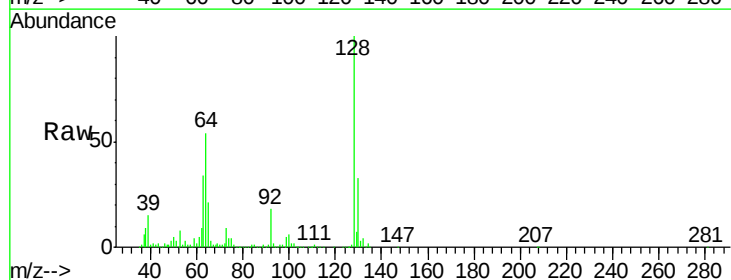
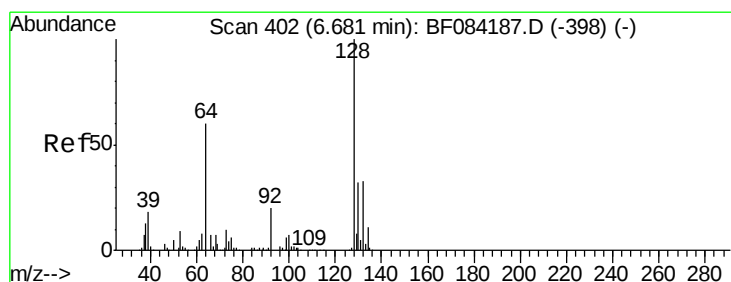
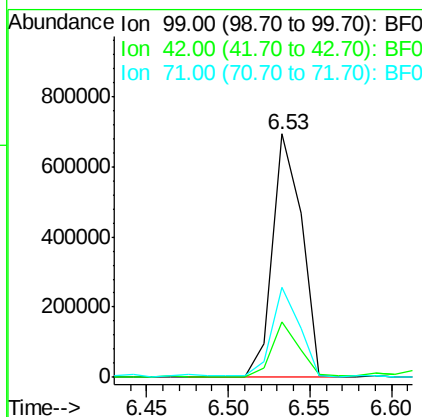
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 30.53 ng

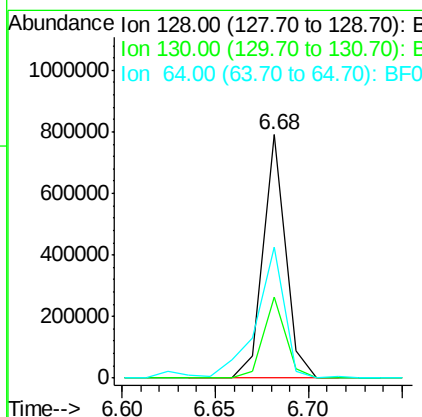
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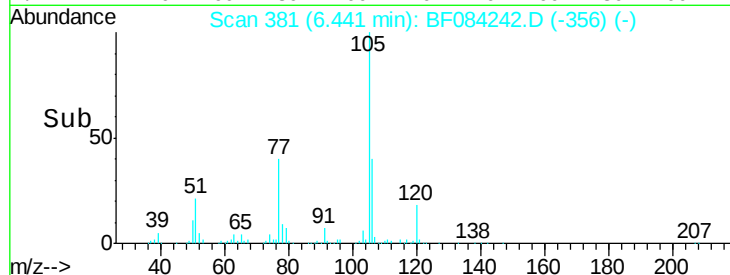
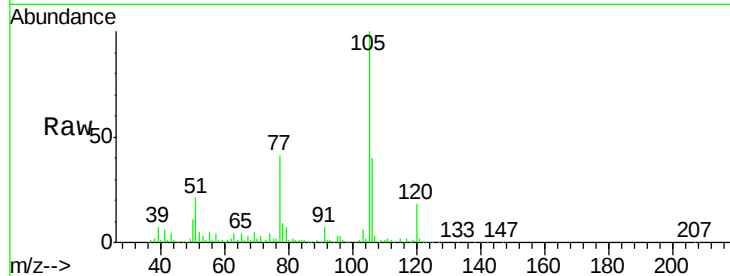
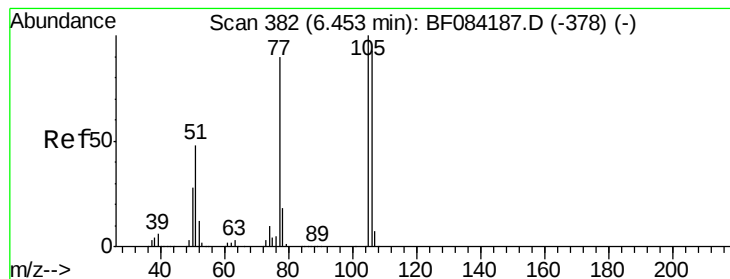
Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Tgt Ion:	128	Resp:	653574
Ion Ratio	Lower	Upper	
128	100		
130	33.3	11.6	51.6
64	53.6	23.8	63.8





#9

Benzaldehyde

Concen: 8.32 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084242.D

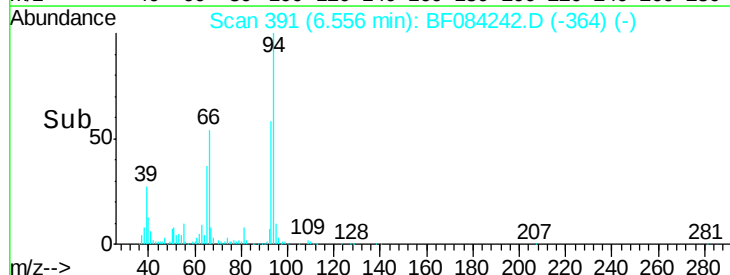
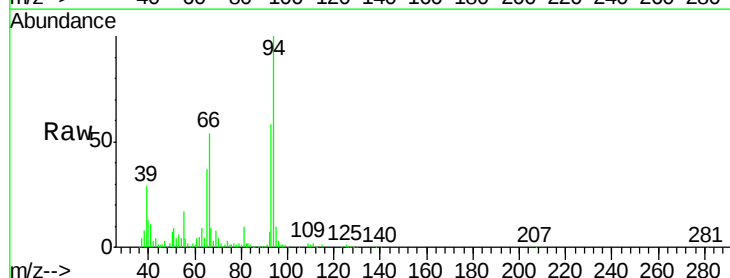
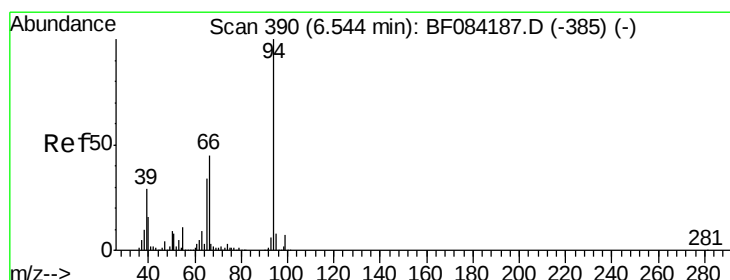
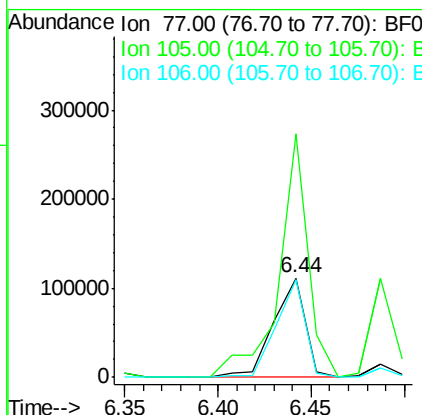
Acq: 4 Jan 2016 16:45

Tot Ion	Ratio	Lower	Upper
77	100		
105	246.1	83.0	123.0#
106	98.4	74.6	114.6

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BNA_F
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#10

Phenol

Concen: 13.71 ng

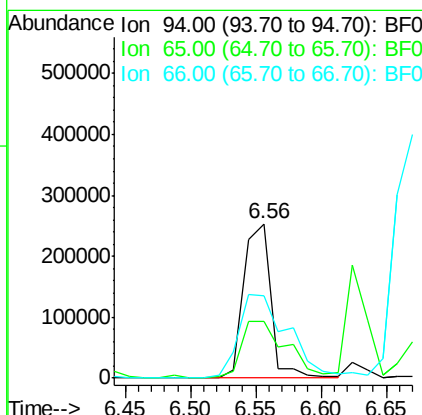
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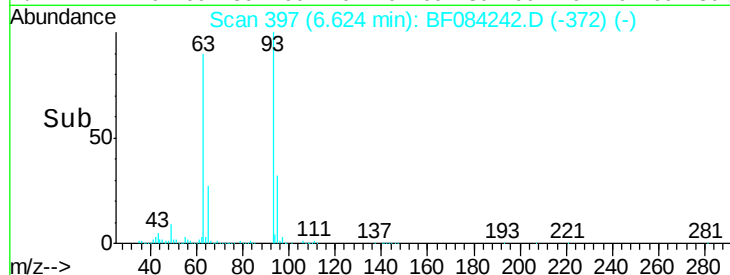
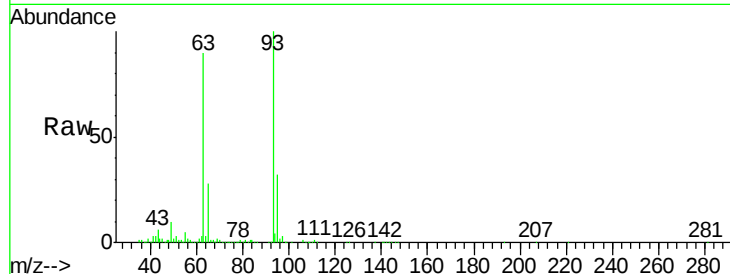
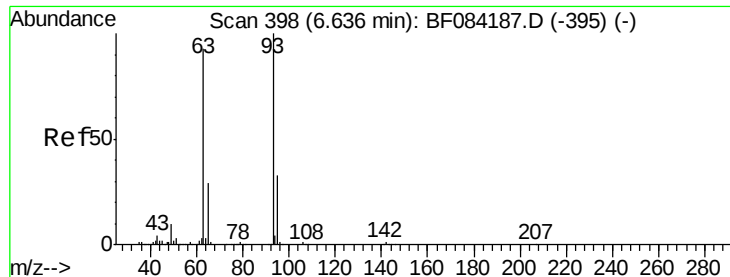
Delta R.T. 0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.8	12.9	52.9
66	53.6	32.7	72.7





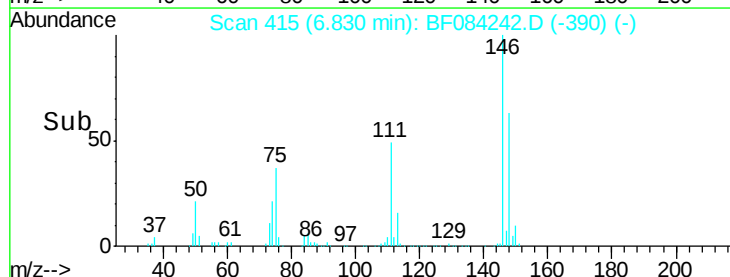
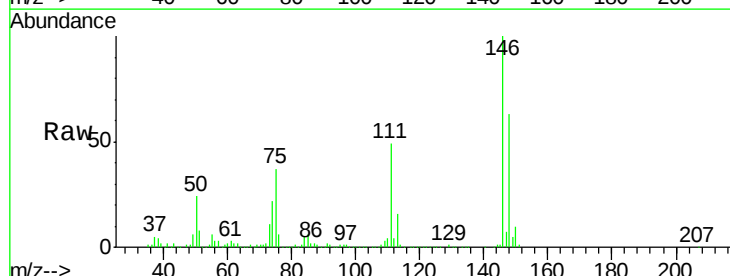
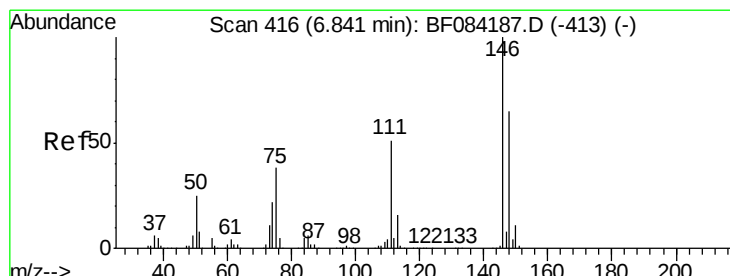
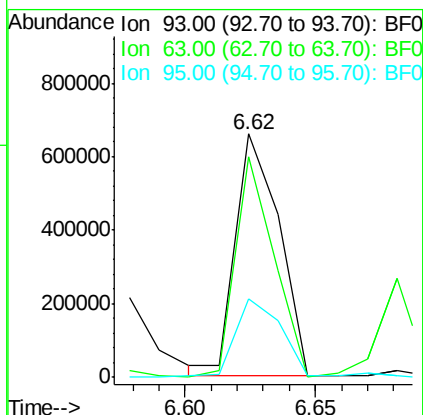
#11
bis(2-Chloroethyl)ether
Concen: 37.12 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	90.4	45.9	85.9#	
95	32.5	12.3	52.3	

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

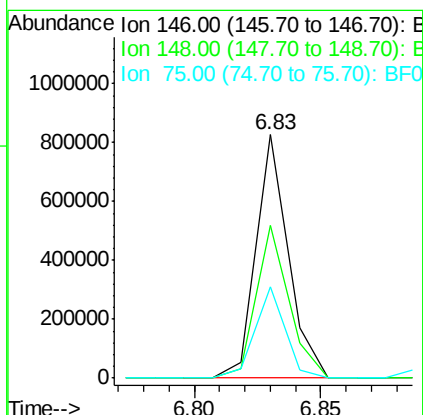
Manual Integrations
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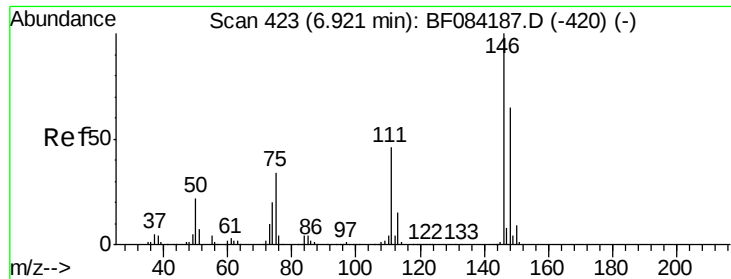
Sohil
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#12
1,3-Dichlorobenzene
Concen: 32.68 ng m
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.7	51.9	77.9	
75	37.3	20.5	30.7#	





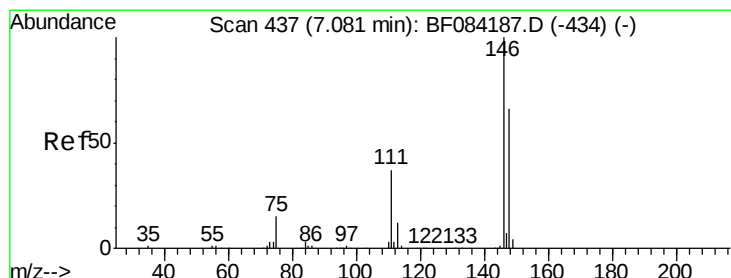
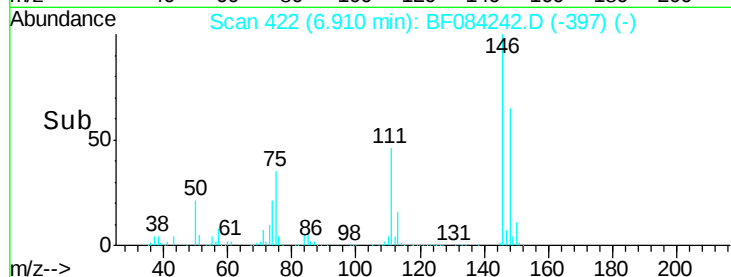
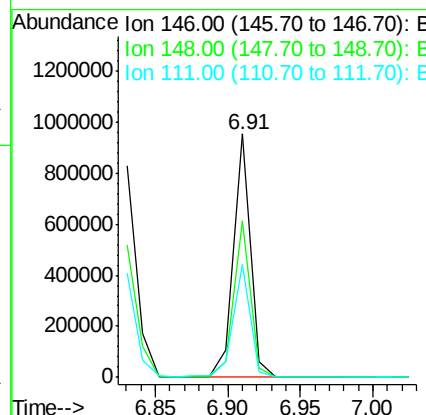
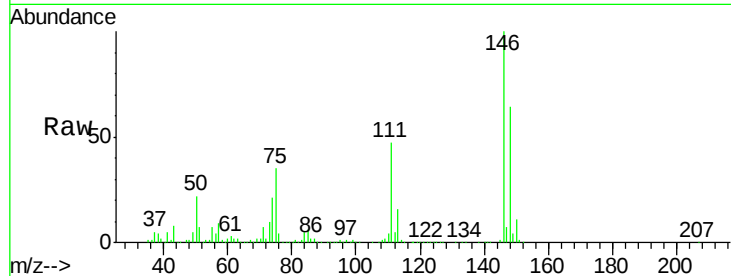
#13
 1,4-Dichlorobenzene
 Concen: 34.77 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	46.5	41.6	62.4

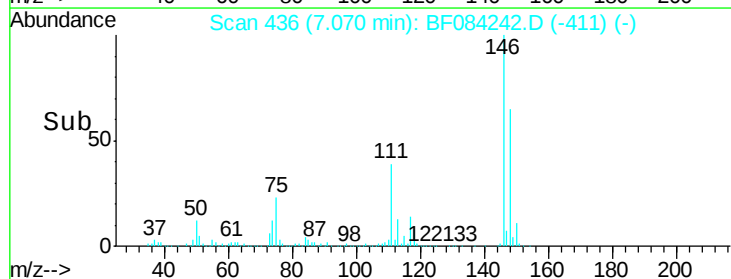
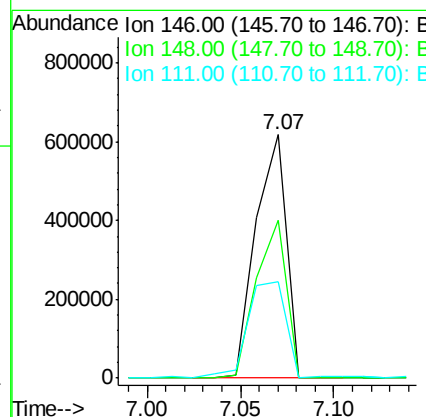
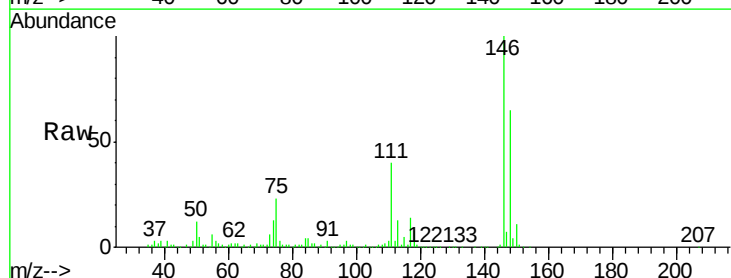
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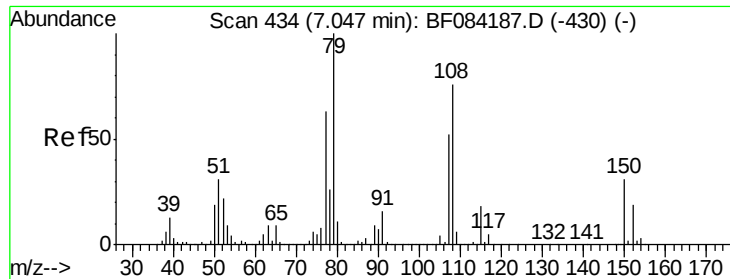
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#14
 1,2-Dichlorobenzene
 Concen: 33.44 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
111	39.8	38.0	57.0





#15

Benzyl Alcohol

Concen: 24.74 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

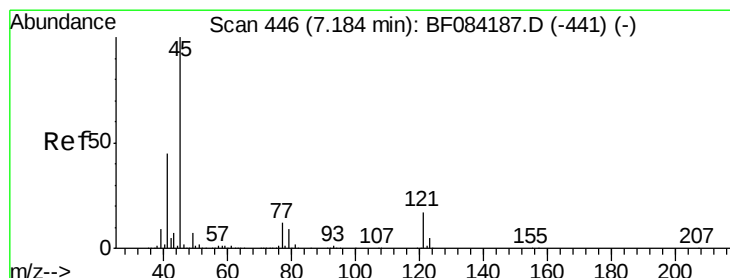
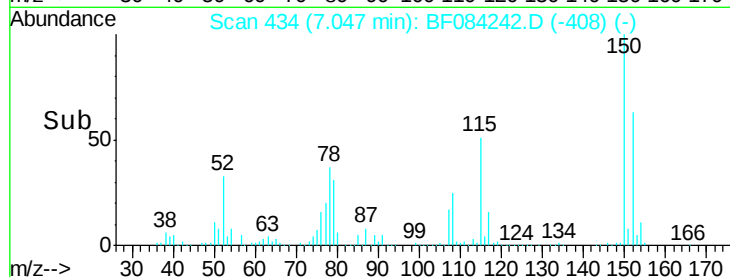
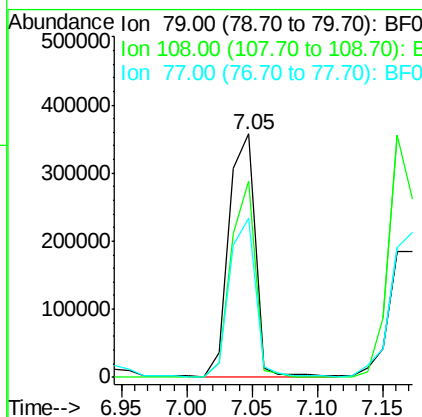
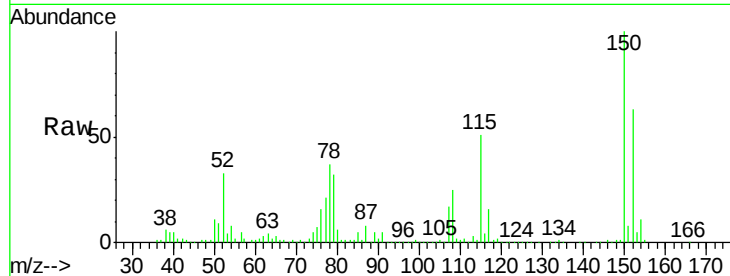
ClientSampleId :

S8-0529MSD

Tot Ion:	79	Resp:	493188
Ion Ratio	Lower	Upper	
79	100		
108	80.5	69.0	103.4
77	65.4	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.19 ng

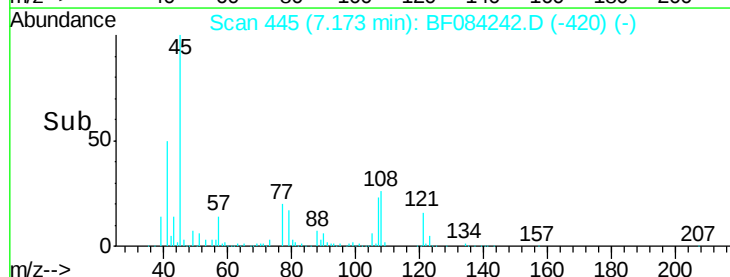
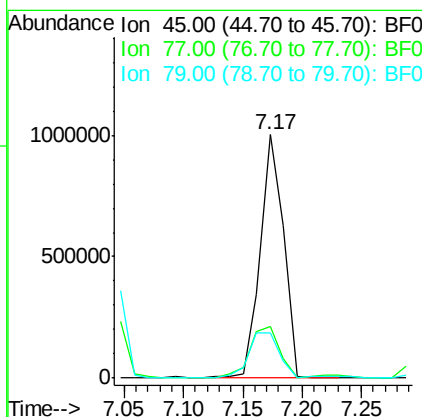
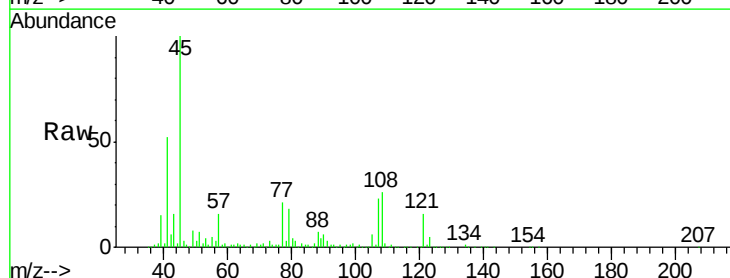
RT: 7.17 min Scan# 445

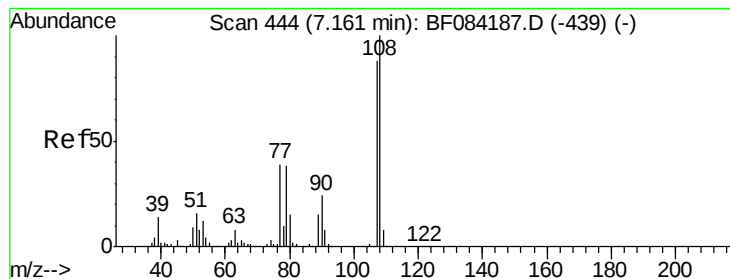
Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Tgt Ion:	45	Resp:	1375672
Ion Ratio	Lower	Upper	
45	100		
77	21.2	0.0	39.6
79	18.4	0.0	35.0





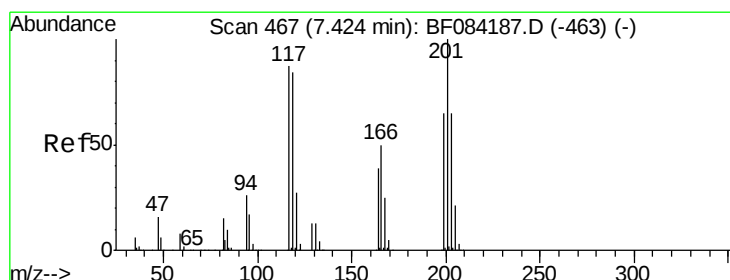
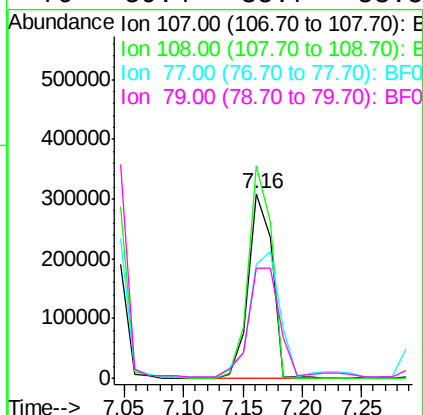
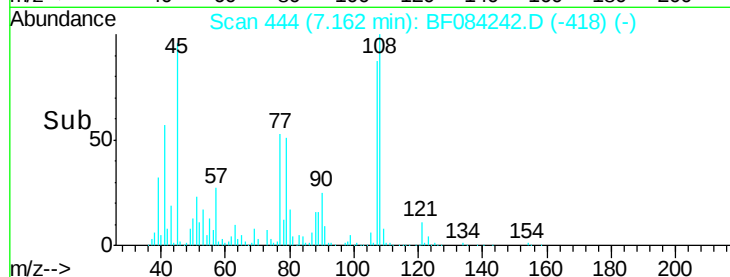
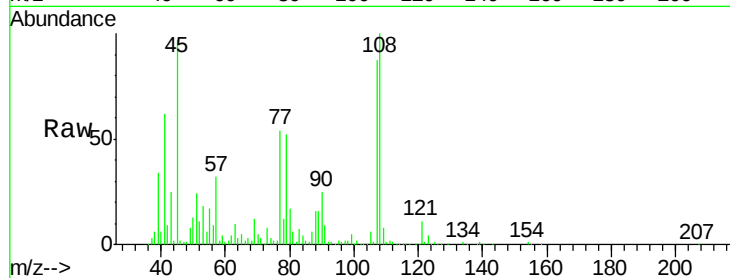
#17
2-Methylphenol
Concen: 24.21 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	434328		
108	114.8	89.8	134.6	
77	61.7	35.7	53.5#	
79	59.4	35.7	53.5#	

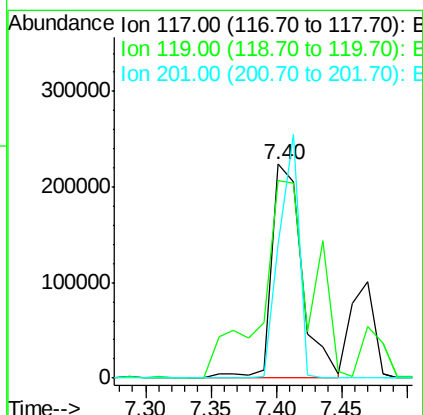
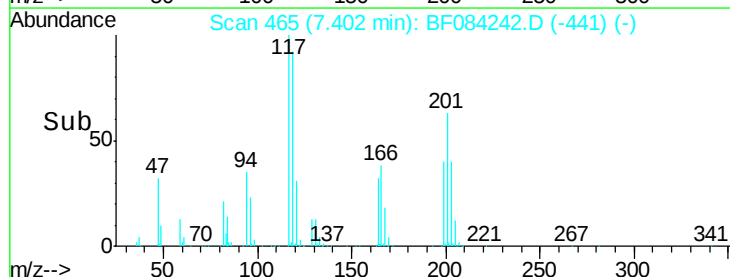
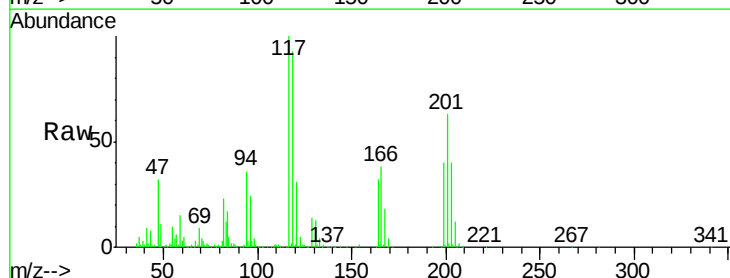
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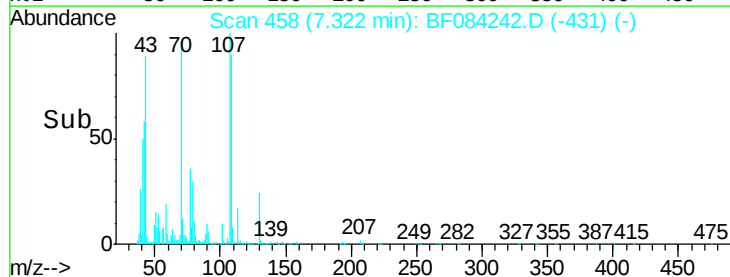
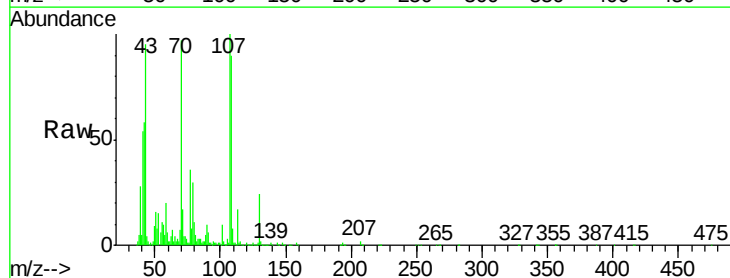
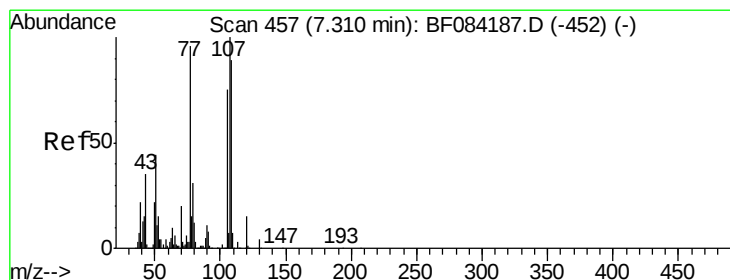
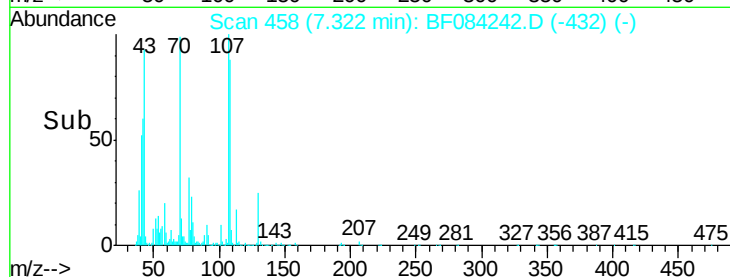
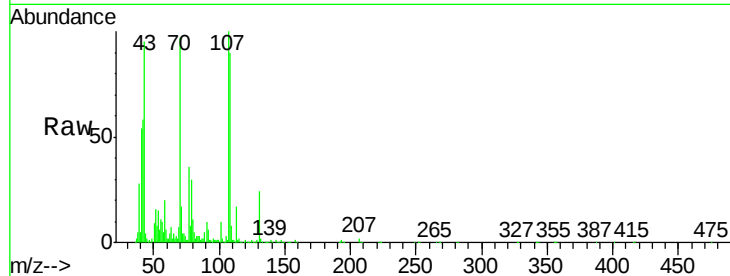
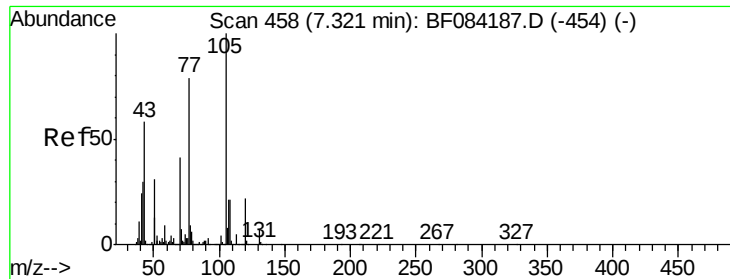
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#18
Hexachloroethane
Concen: 40.96 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	362713		
119	92.5	77.4	116.0	
201	62.6	68.6	103.0#	





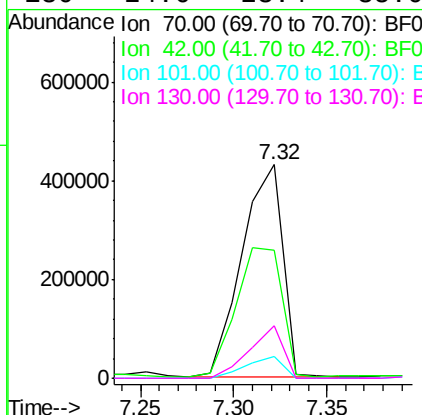
#19
n-Nitroso-di-n-propylamine
Concen: 40.35 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.0	33.3	49.9#	
101	10.4	9.3	13.9	
130	24.6	23.4	35.0	

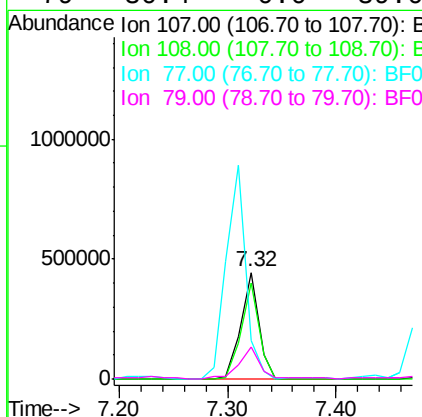
Manual Integrations
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#20
3+4-Methylphenols
Concen: 23.99 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	74.6	114.6	
77	35.8	0.7	40.7	
79	30.4	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: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tot Ion:136 Resp: 1177598

Ion Ratio Lower Upper

136 100

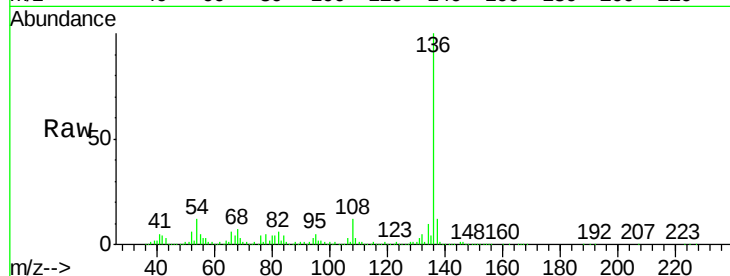
137 11.7 8.7 13.1

54 12.3 5.8 8.8#

68 7.3 4.2 6.2#

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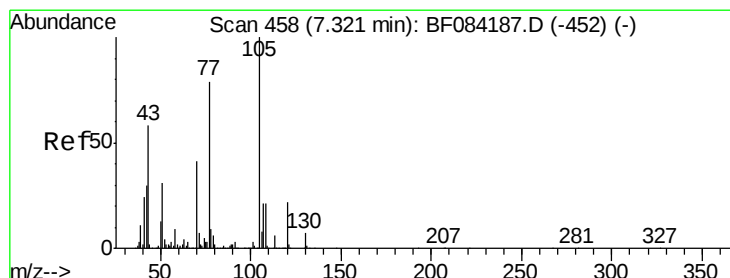
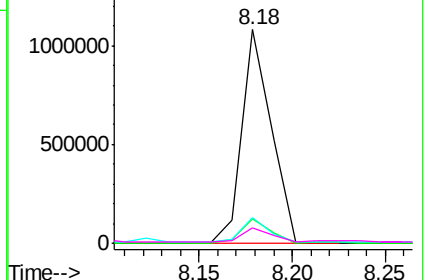
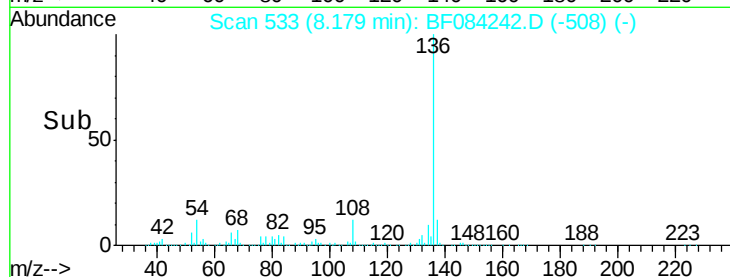


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.03 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Tgt Ion:105 Resp: 1303400

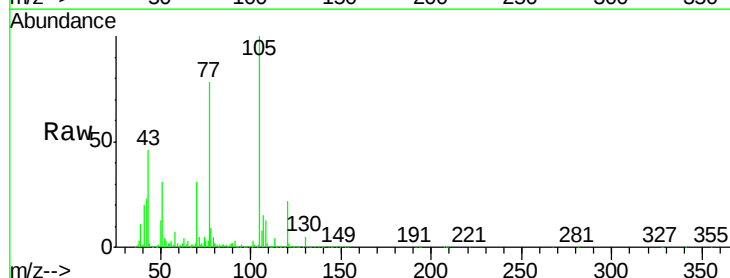
Ion Ratio Lower Upper

105 100

71 5.4 3.7 5.5

51 31.2 25.1 37.7

120 22.2 16.6 25.0

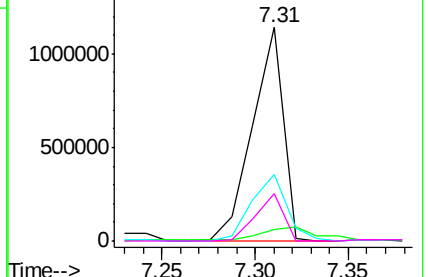
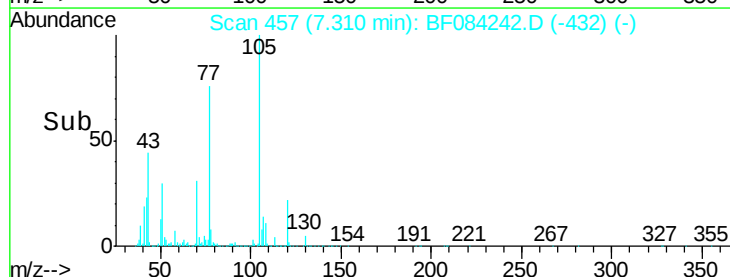


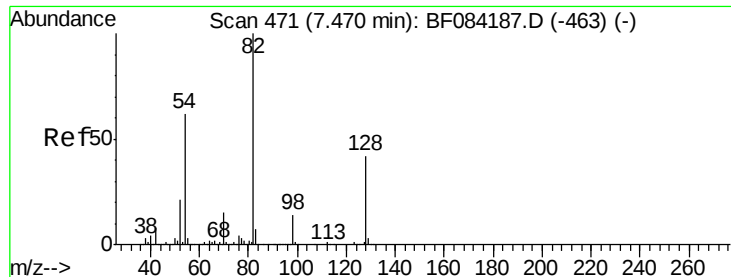
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.10 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tot Ion: 82 Resp: 1694785

Ion Ratio Lower Upper

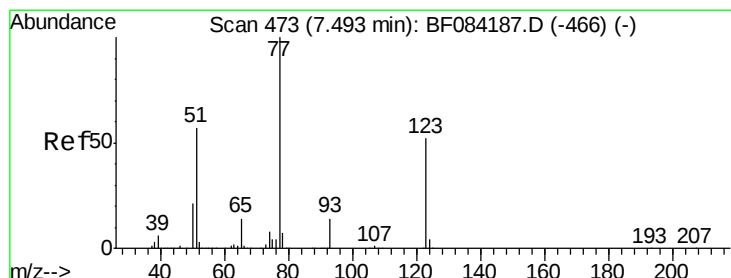
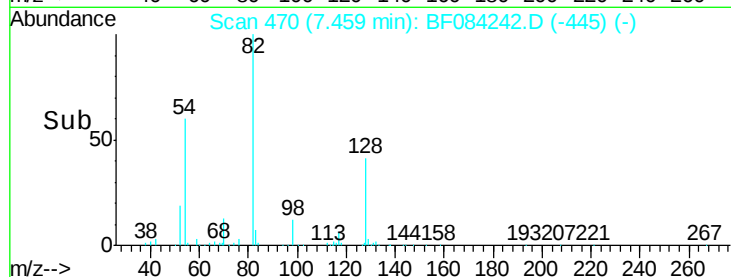
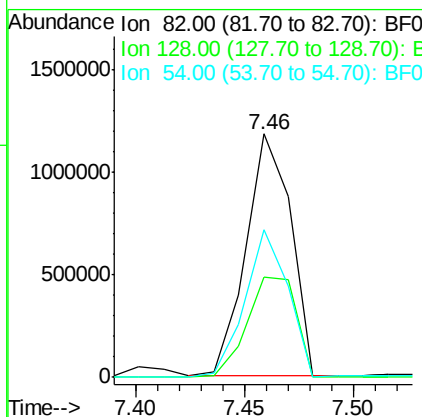
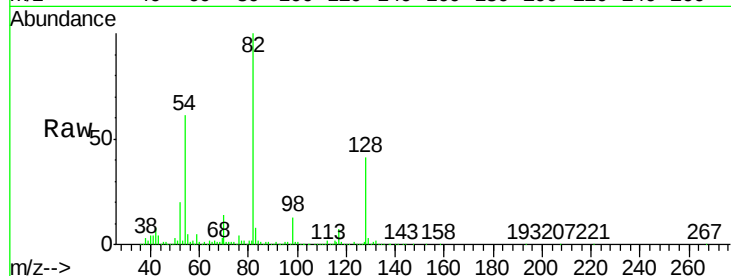
82 100

128 41.0 34.6 51.8

54 60.8 38.4 57.6#

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#24

Nitrobenzene

Concen: 42.82 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

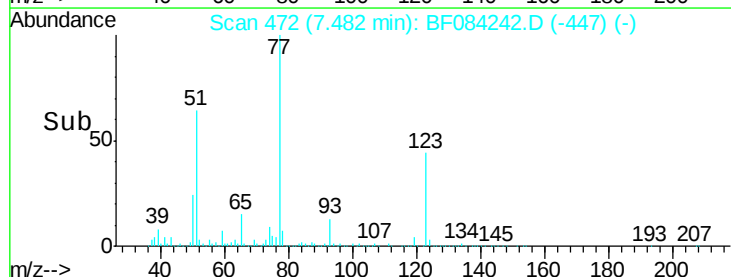
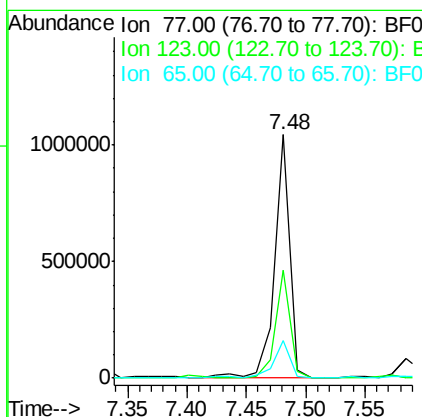
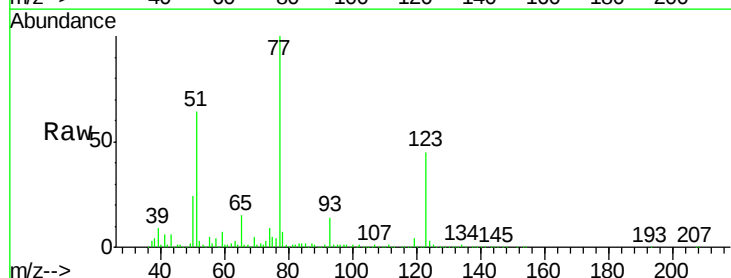
Tgt Ion: 77 Resp: 919006

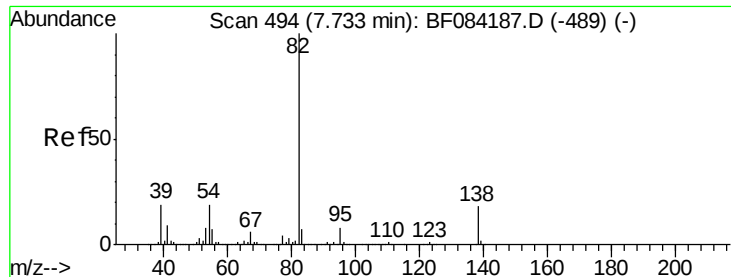
Ion Ratio Lower Upper

77 100

123 44.5 37.4 56.2

65 15.5 10.9 16.3





#25

Isophorone

Concen: 39.33 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tot Ion: 82 Resp: 1591428

Ion Ratio Lower Upper

82 100

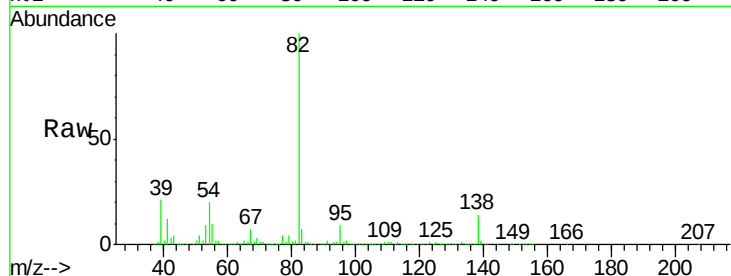
95 8.6 6.6 10.0

138 14.3 13.6 20.4

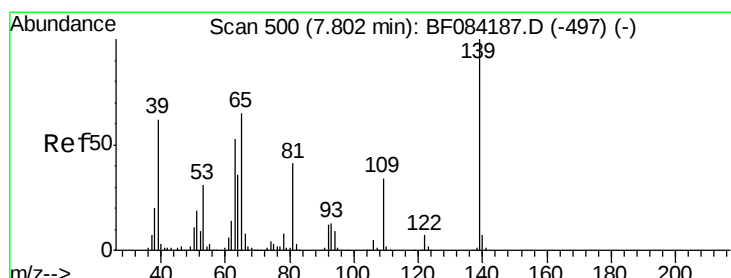
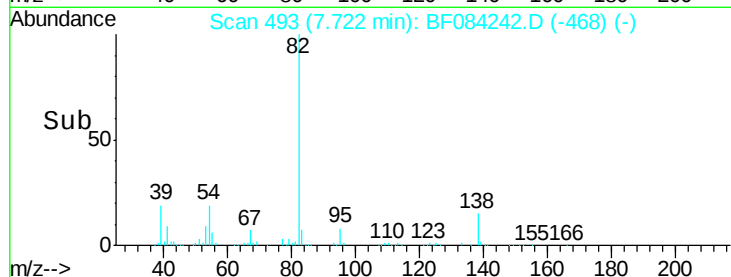
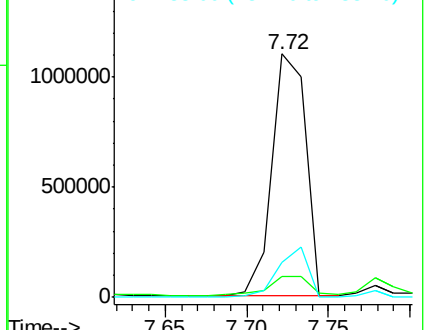
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.16 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

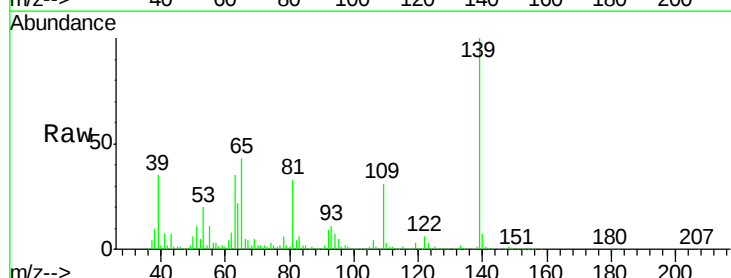
Tgt Ion: 139 Resp: 421570

Ion Ratio Lower Upper

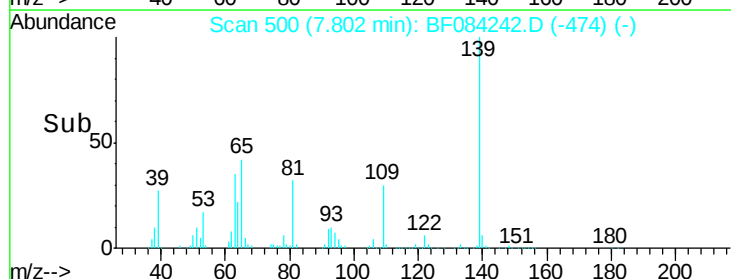
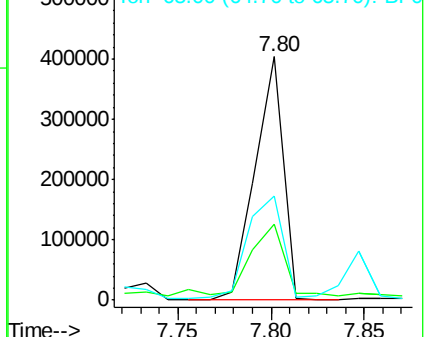
139 100

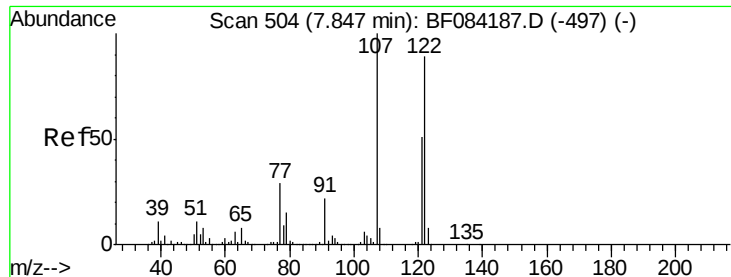
109 31.3 25.4 38.2

65 42.9 32.3 48.5



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.17 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

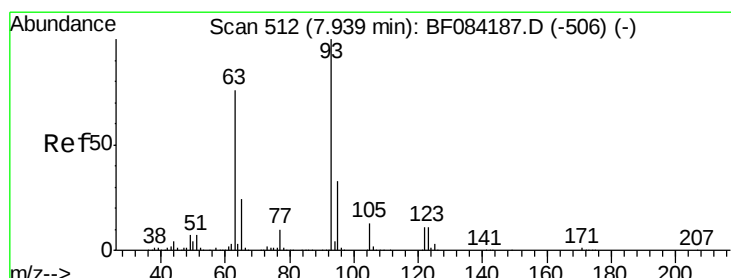
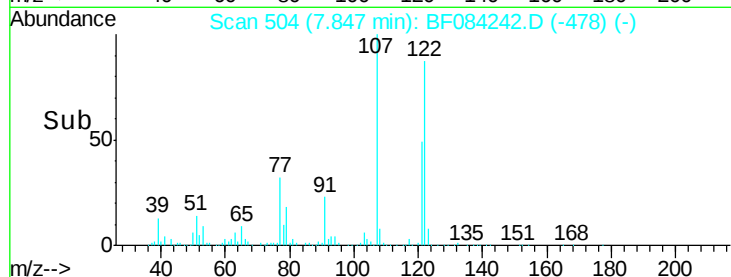
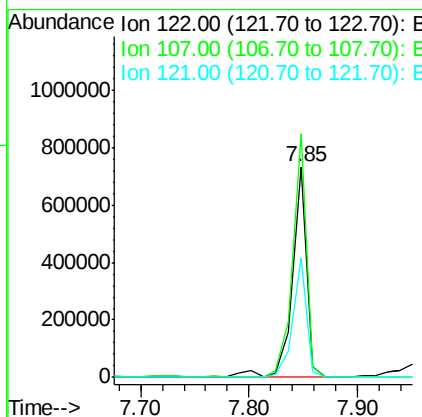
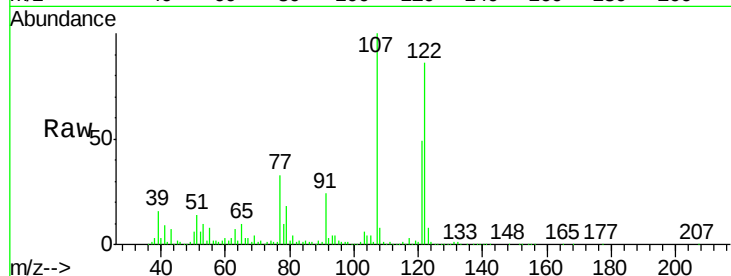
ClientSampleId :

S8-0529MSD

Tot Ion:	122	Resp:	675507
Ion	Ratio	Lower	Upper
122	100		
107	115.6	99.1	148.7
121	56.9	47.9	71.9

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1/5/2016 1:26:53 PM



#28

bis(2-Chloroethoxy)methane

Concen: 42.71 ng

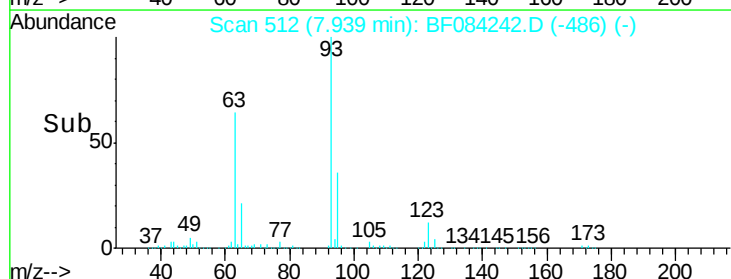
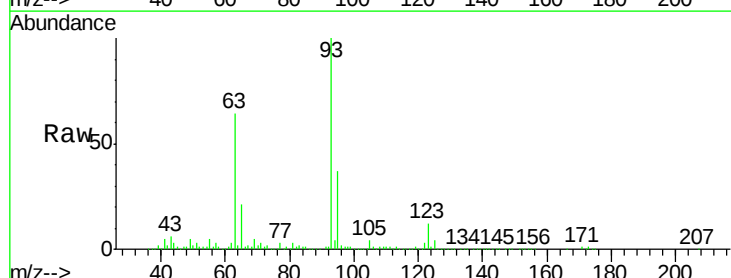
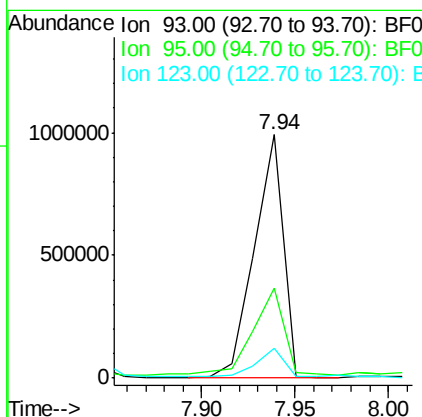
RT: 7.94 min Scan# 512

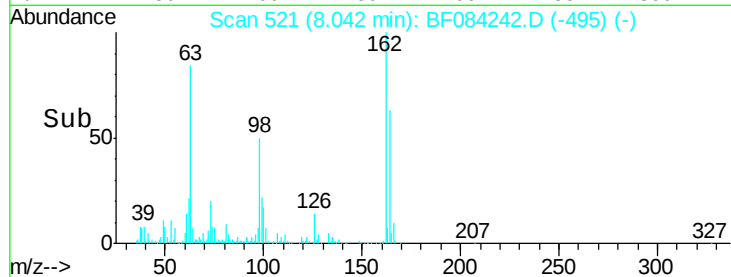
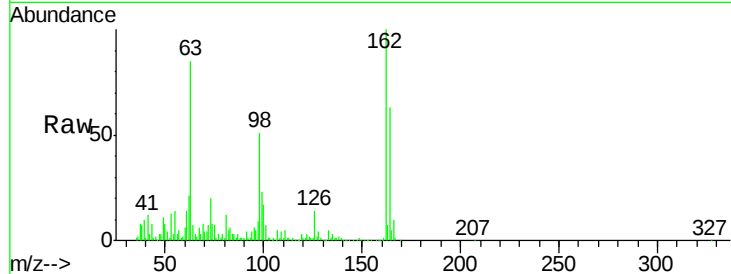
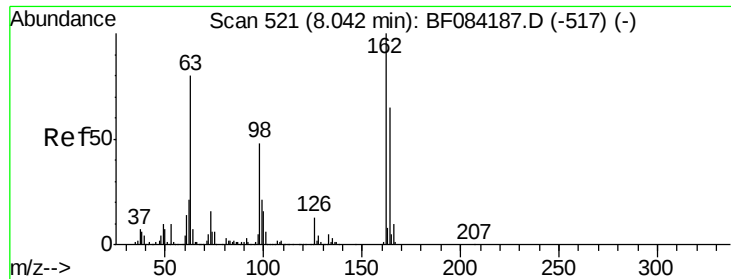
Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Tgt Ion:	93	Resp:	1055655
Ion	Ratio	Lower	Upper
93	100		
95	36.8	25.8	38.6
123	12.3	8.6	12.8





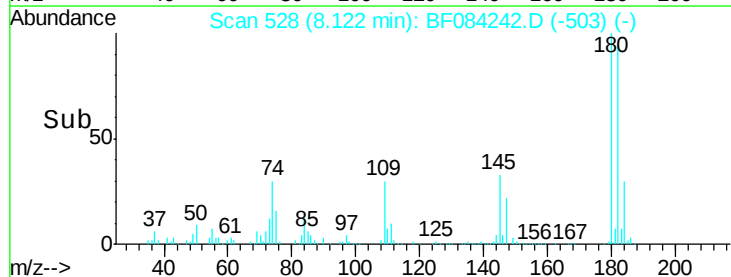
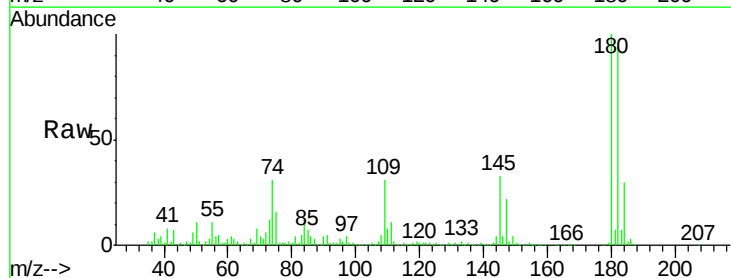
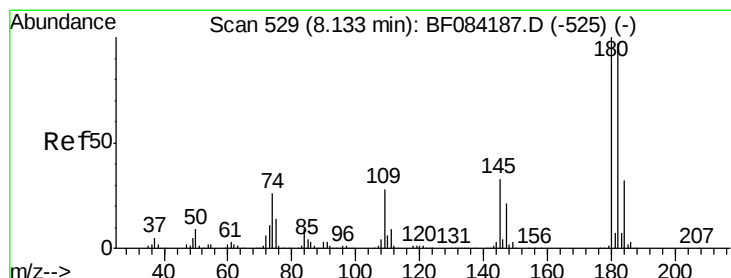
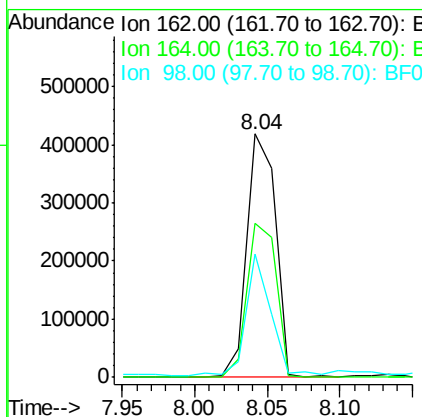
#29
2,4-Dichlorophenol
Concen: 35.00 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tot Ion	Ratio	Resp	Lower	Upper
162	100	576297		
164	63.1		44.1	84.1
98	50.9		20.2	60.2

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

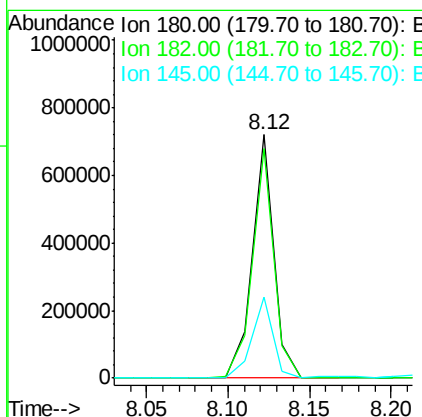
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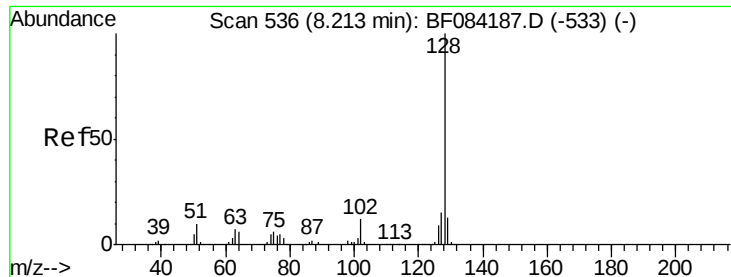
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#30
1,2,4-Trichlorobenzene
Concen: 38.66 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	657223		
182	94.2		76.4	114.6
145	33.1		31.6	47.4





#31

Naphthalene

Concen: 39.81 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tot Ion:128 Resp: 2126746

Ion Ratio Lower Upper

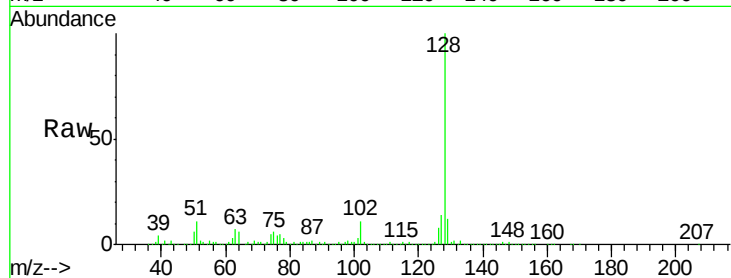
128 100

129 12.5 9.1 13.7

127 14.4 11.1 16.7

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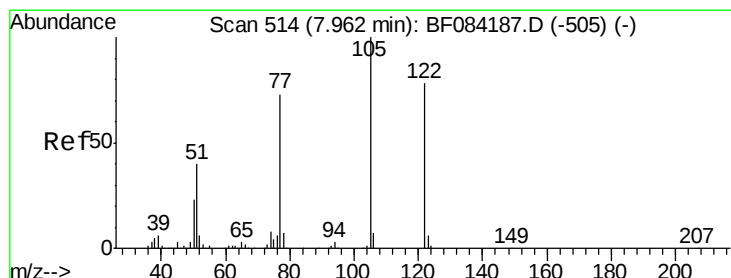
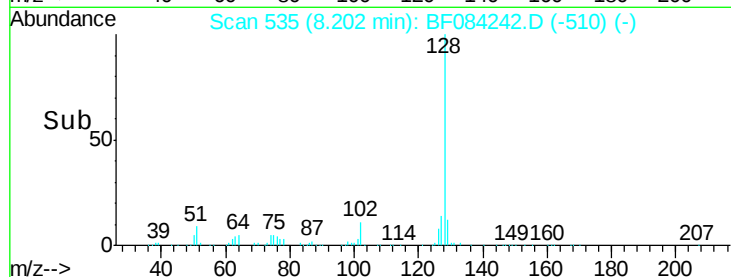
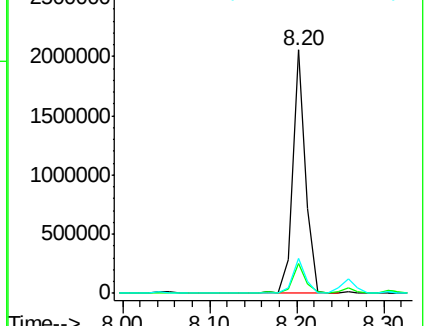
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.48 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

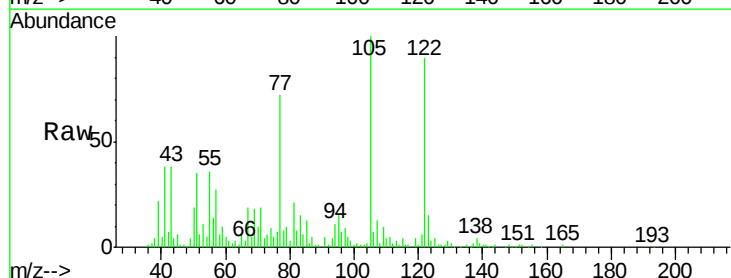
Tgt Ion:122 Resp: 178858

Ion Ratio Lower Upper

122 100

105 111.1 100.3 140.3

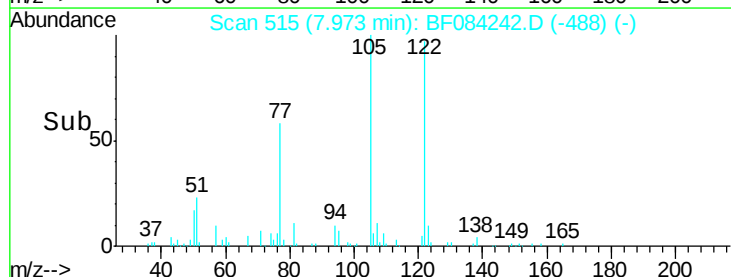
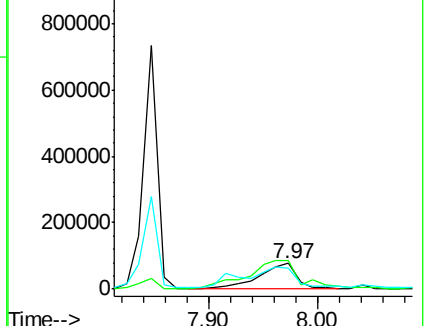
77 80.5 63.5 103.5

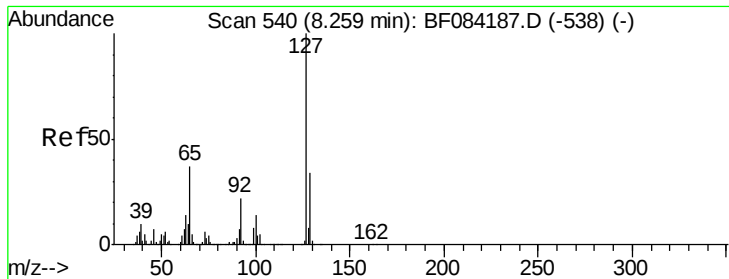


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





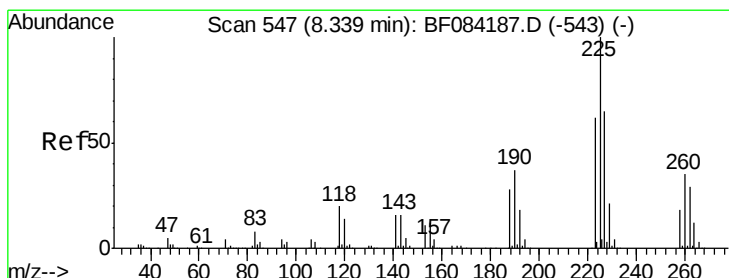
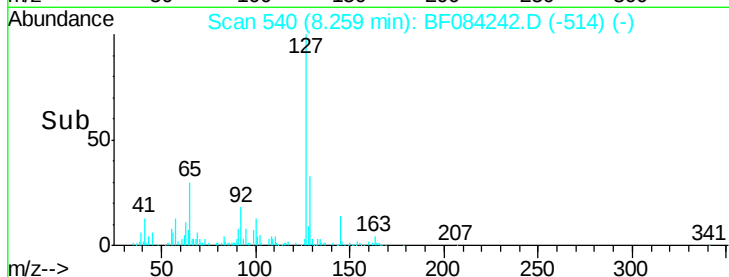
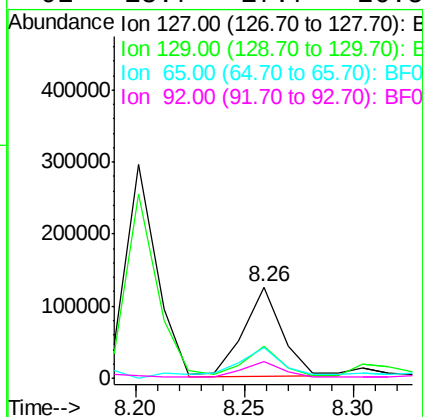
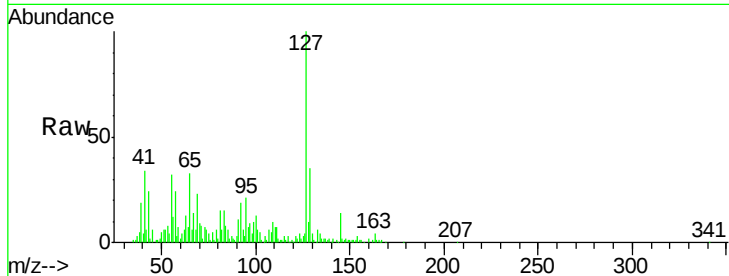
#33
4-Chloroaniline
Concen: 6.31 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.6	26.5	39.7		
65	33.2	27.2	40.8		
92	18.7	17.7	26.5		

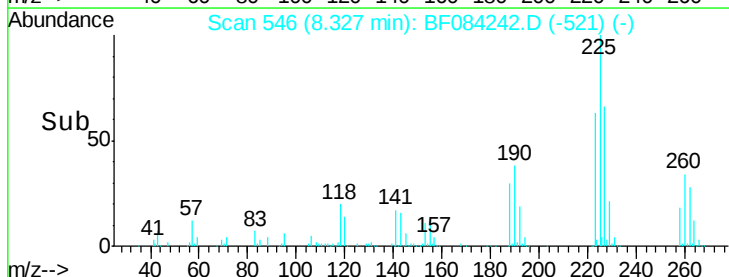
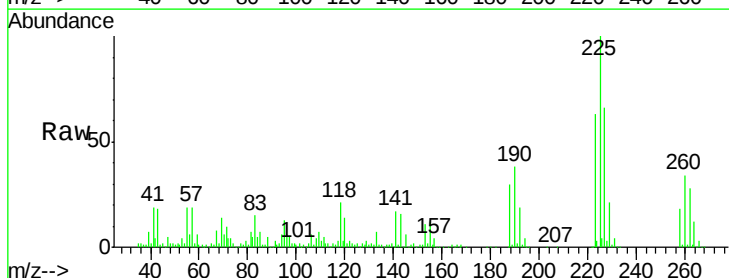
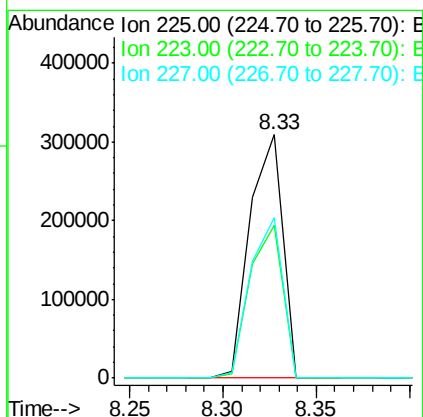
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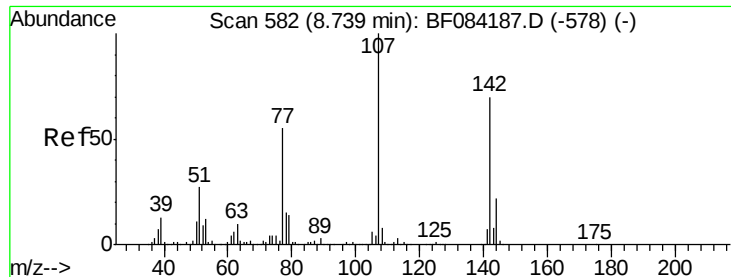
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#34
Hexachlorobutadiene
Concen: 38.59 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	49.4	74.0		
227	66.0	50.8	76.2		





#36

4-Chloro-3-methylphenol

Concen: 32.76 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

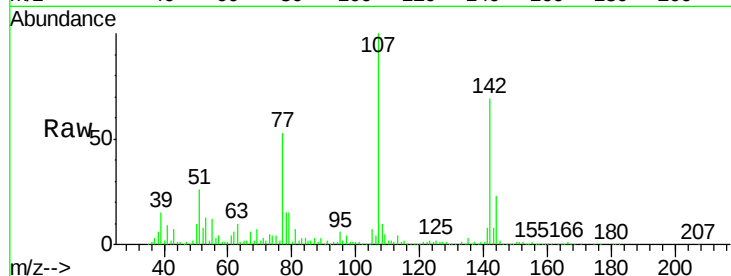
ClientSampleId :

S8-0529MSD

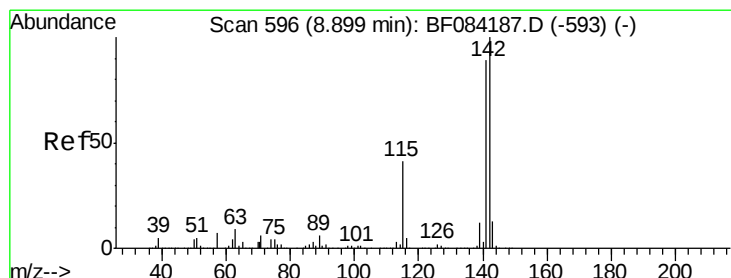
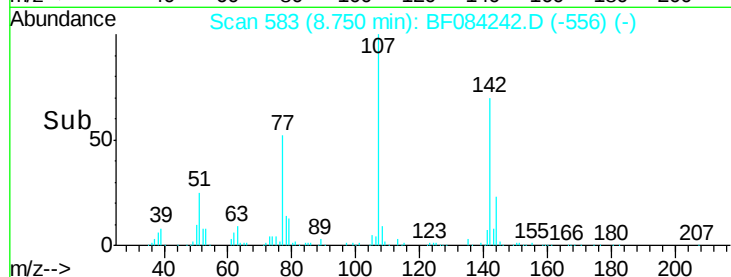
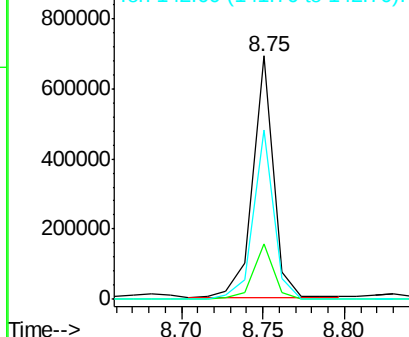
Tot Ion:	107	Resp:	604321
Ion Ratio	Lower	Upper	
107	100		
144	22.5	19.7	29.5
142	69.5	61.8	92.6

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 40.15 ng

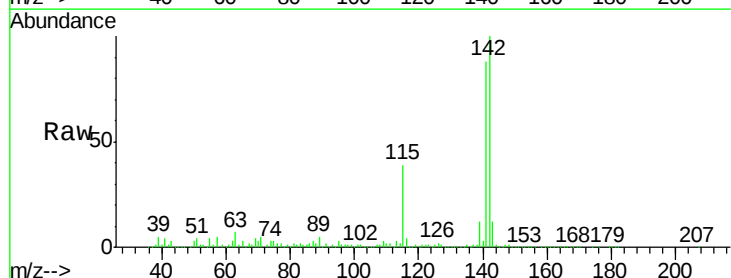
RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

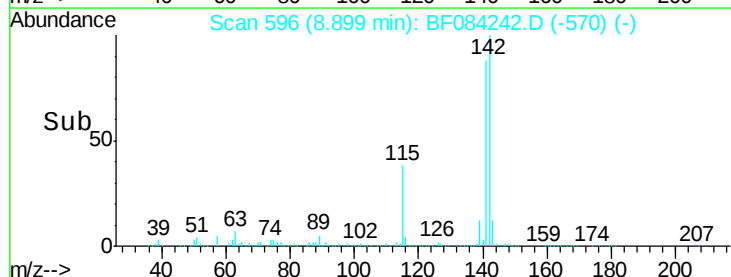
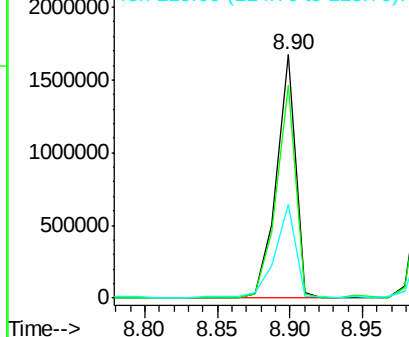
Lab File: BF084242.D

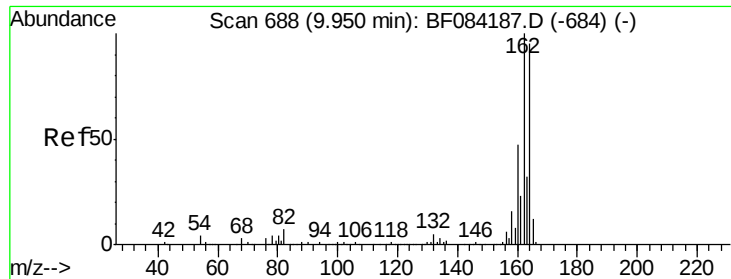
Acq: 4 Jan 2016 16:45

Tgt Ion:	142	Resp:	1539962
Ion Ratio	Lower	Upper	
142	100		
141	87.7	72.4	108.6
115	38.7	27.9	41.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

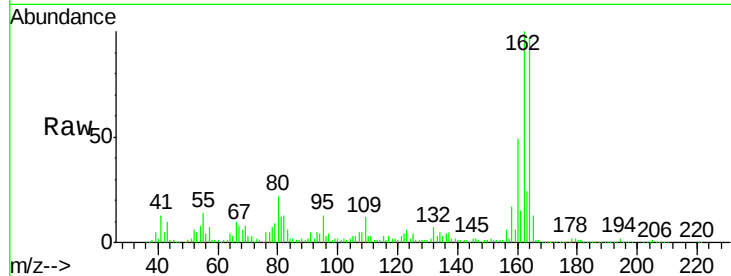
ClientSampleId :

S8-0529MSD

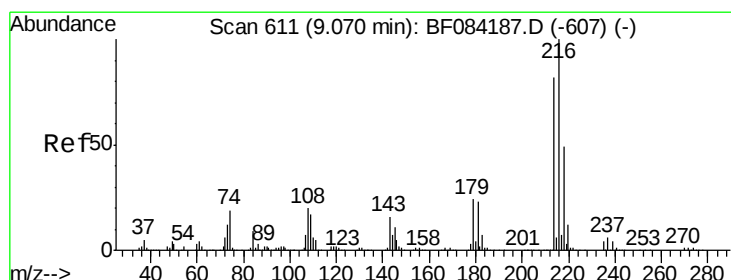
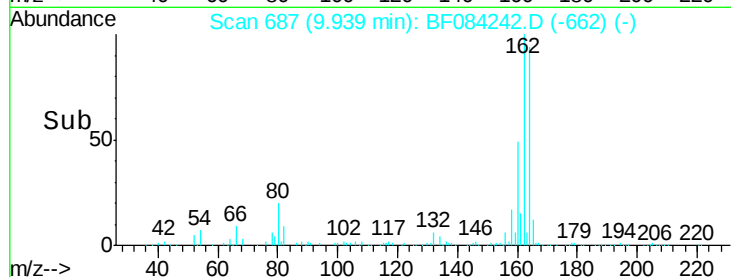
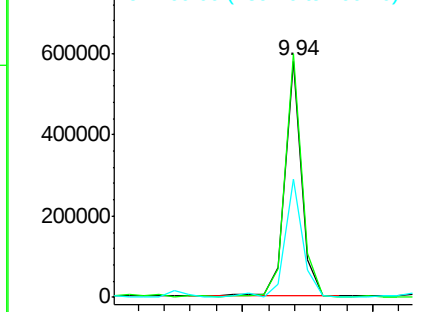
Tot Ion:	164	Resp:	518389
Ion Ratio	Lower	Upper	
164	100		
162	103.1	85.1	127.7
160	50.1	37.5	56.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.81 ng

RT: 9.06 min Scan# 610

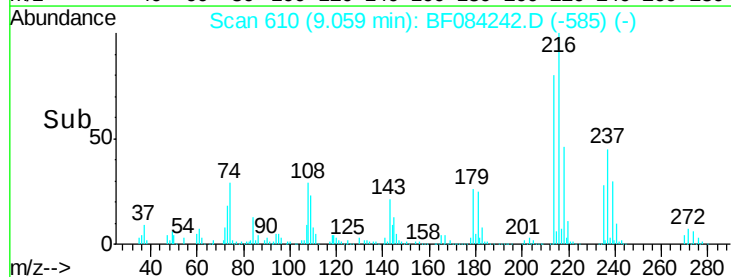
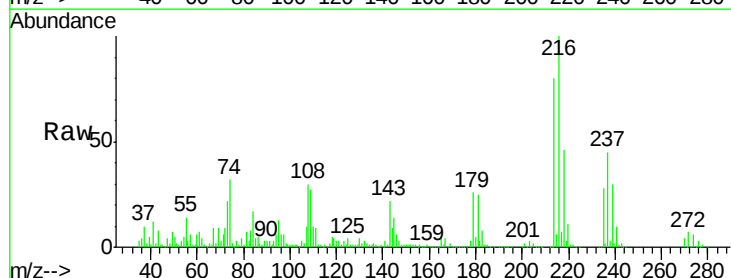
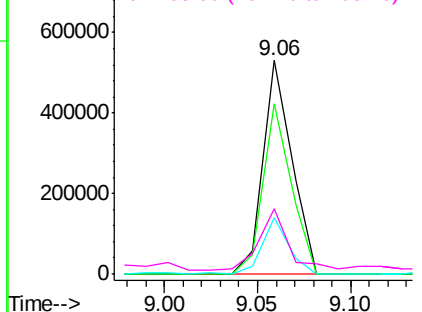
Delta R.T. -0.01 min

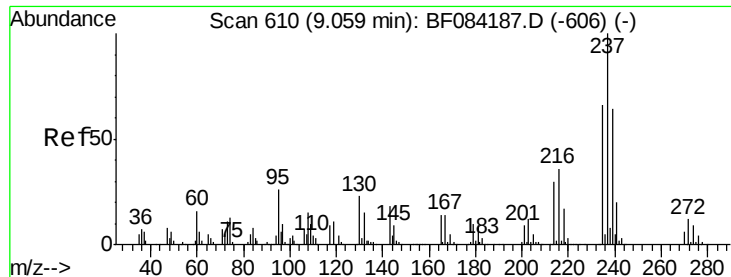
Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Tgt Ion:	216	Resp:	563501
Ion Ratio	Lower	Upper	
216	100		
214	78.5	64.2	96.2
179	23.8	18.7	28.1
108	29.5	16.8	25.2#

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





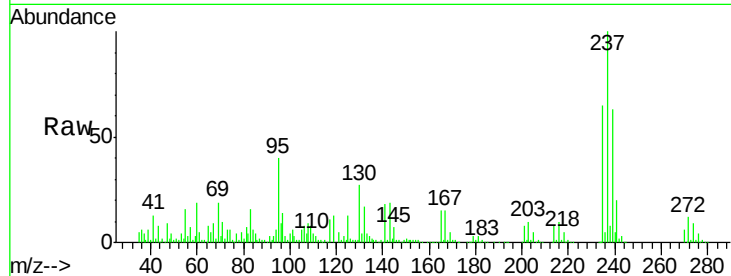
#40
Hexachlorocyclopentadiene
Concen: 67.20 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

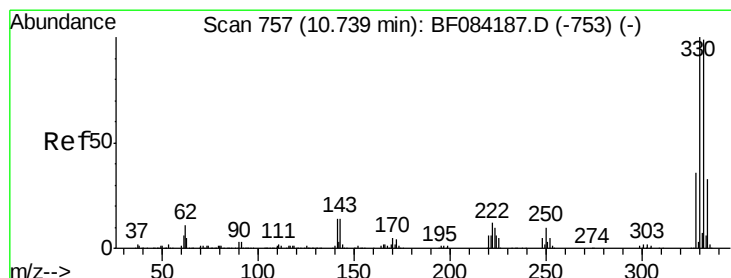
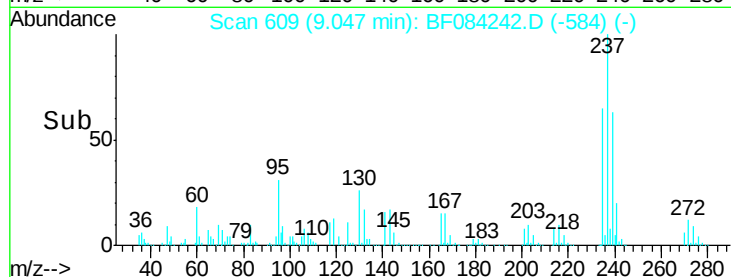
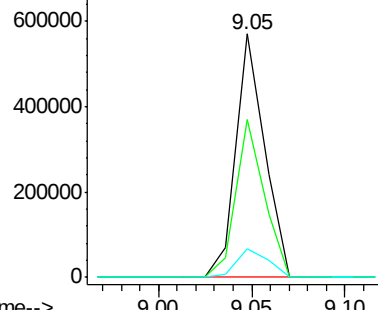
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.8	43.1	83.1
272	11.7	0.0	35.1

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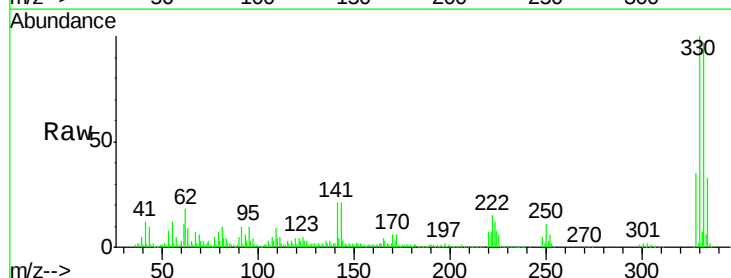


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

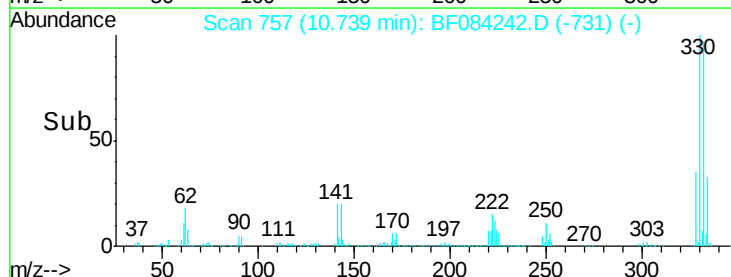
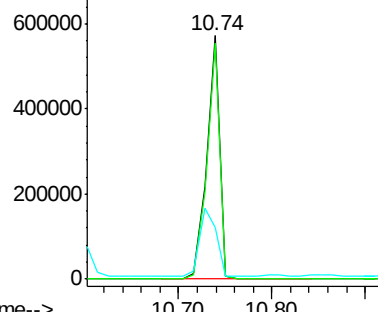


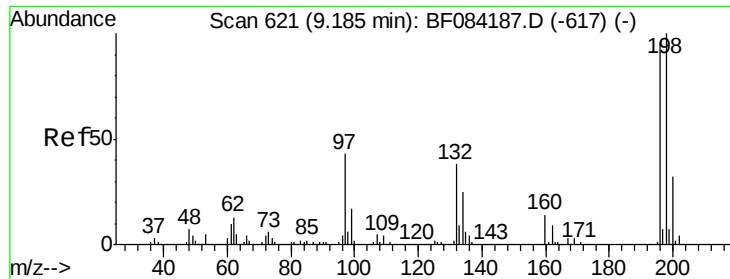
#41
2,4,6-Tribromophenol
Concen: 106.54 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	76.6	114.8
141	36.3	27.8	41.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





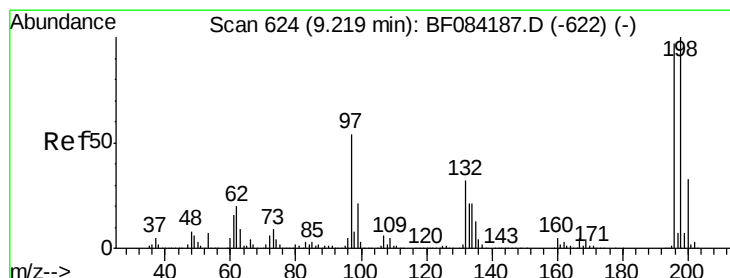
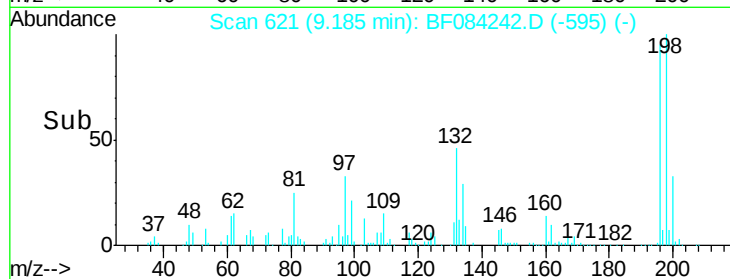
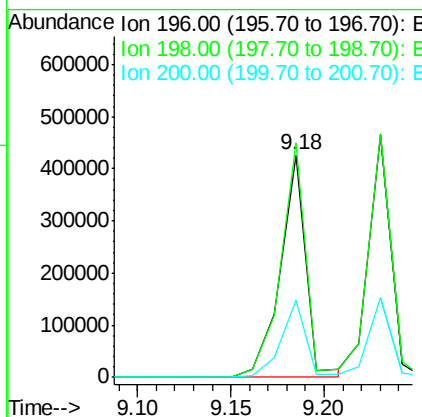
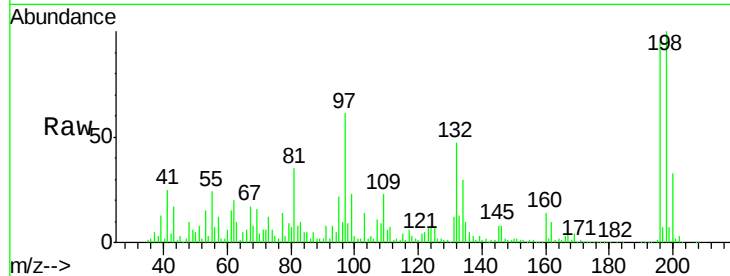
#42
 2,4,6-Trichlorophenol
 Concen: 36.49 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	406896		
198	105.6	77.7	116.5	
200	34.6	24.6	37.0	

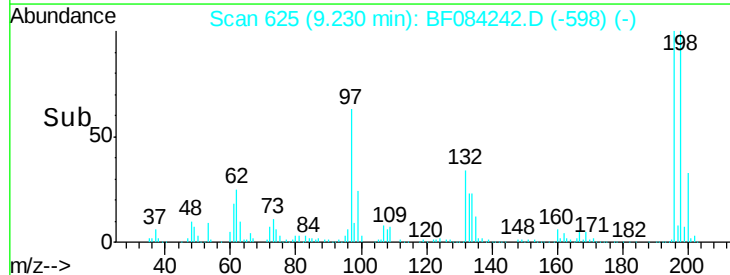
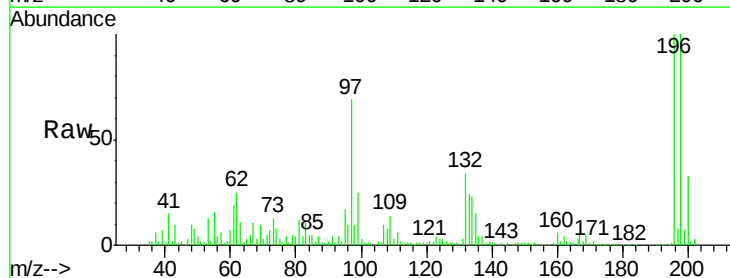
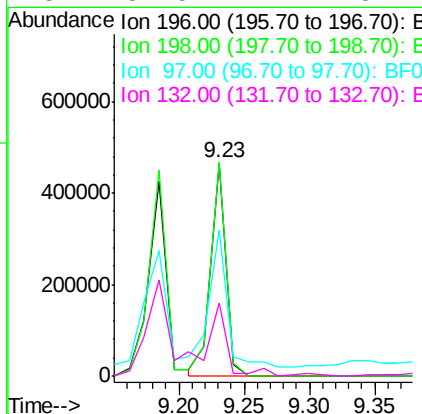
Manual Integrations
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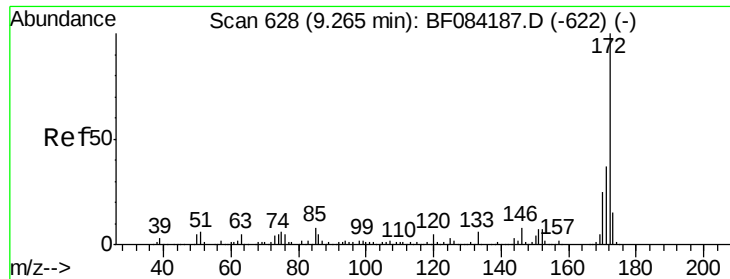
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#43
 2,4,5-Trichlorophenol
 Concen: 35.77 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	382276		
198	100.4	79.0	118.6	
97	68.9	33.0	49.6#	
132	34.5	21.1	31.7#	





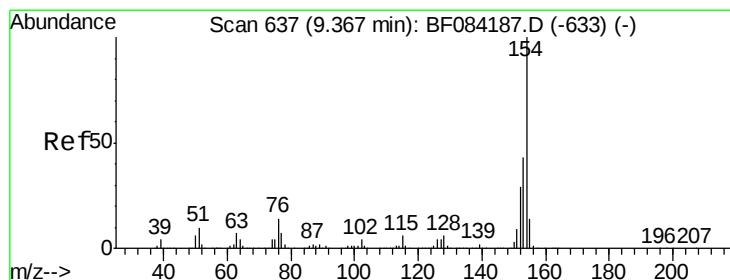
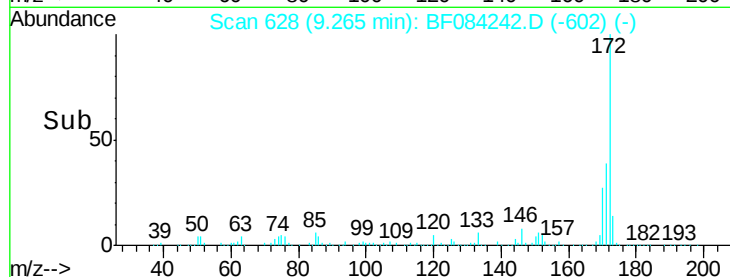
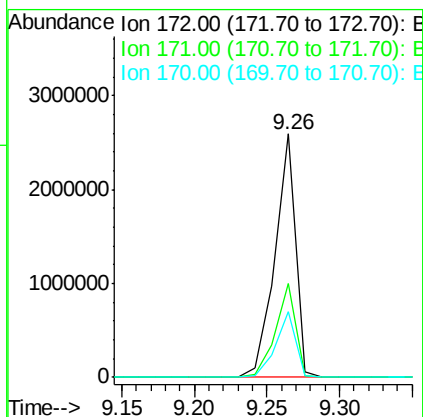
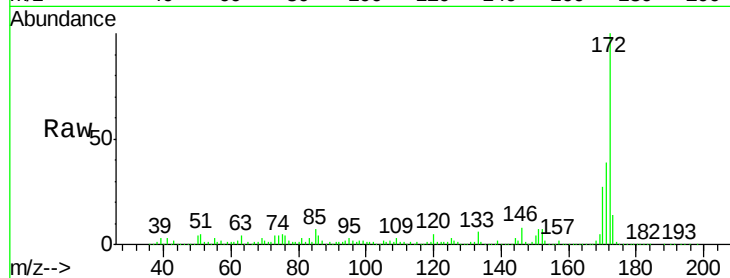
#44
2-Fluorobiphenyl
Concen: 86.68 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	28.9	43.3
170	26.8	18.6	27.8

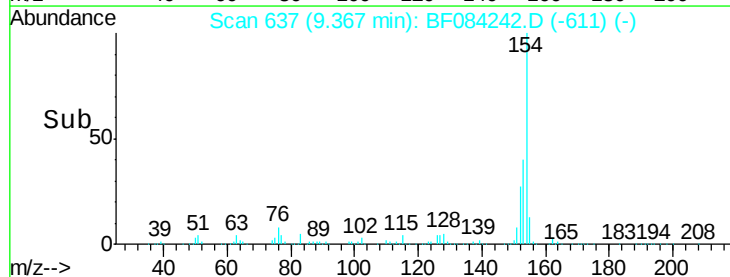
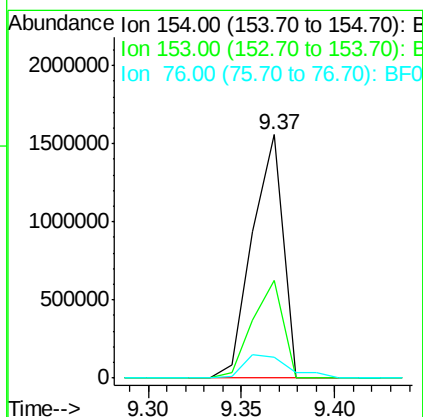
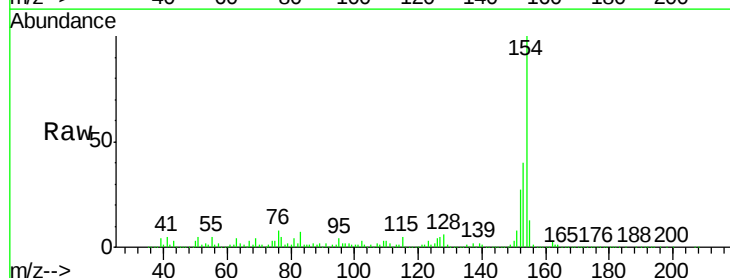
Manual Integrations
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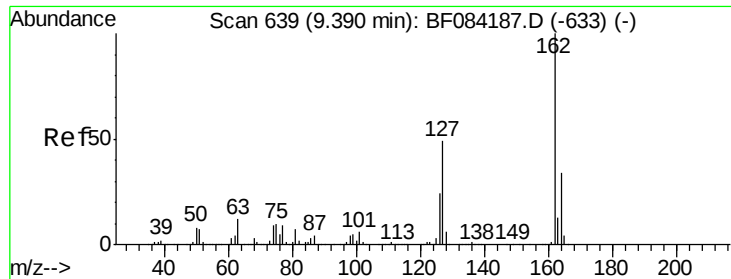
Sohil
1/5/2016 1:26:53 PM



#45
1,1'-Biphenyl
Concen: 42.78 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.6	61.6
76	8.3	0.0	32.7





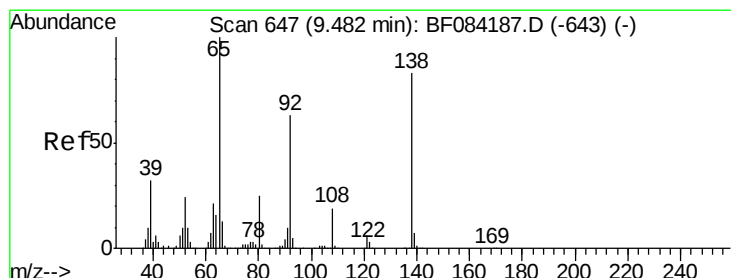
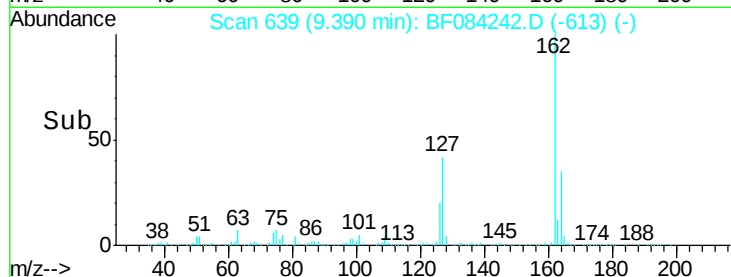
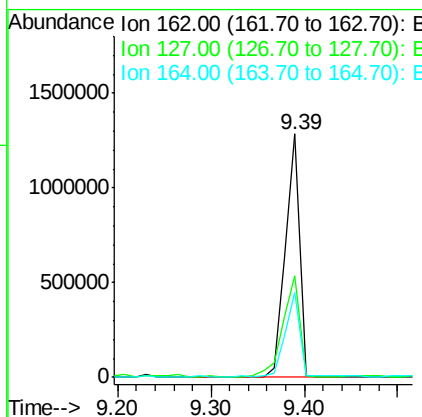
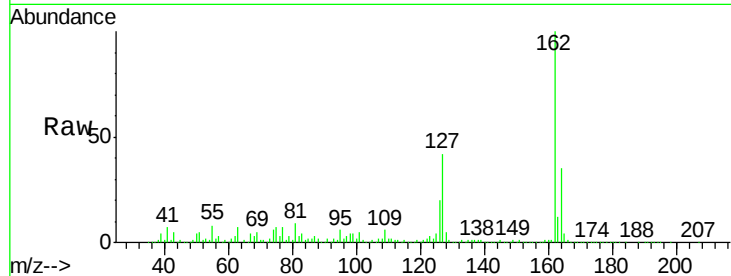
#46
2-Chloronaphthalene
Concen: 42.24 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	40.2	60.4
164	34.6	25.7	38.5

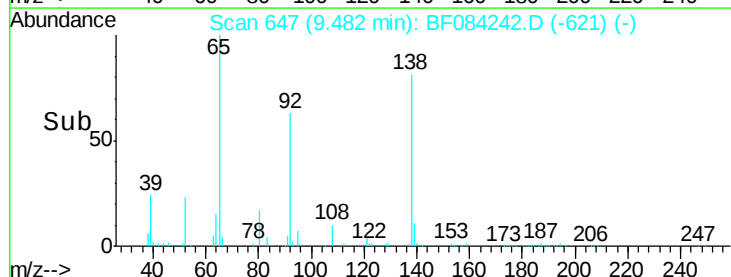
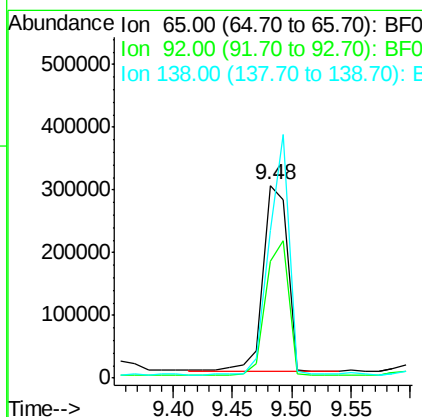
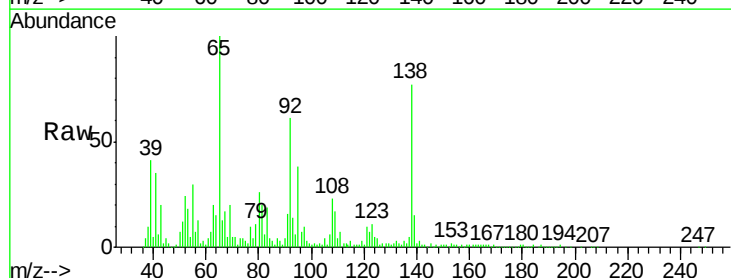
Manual Integrations
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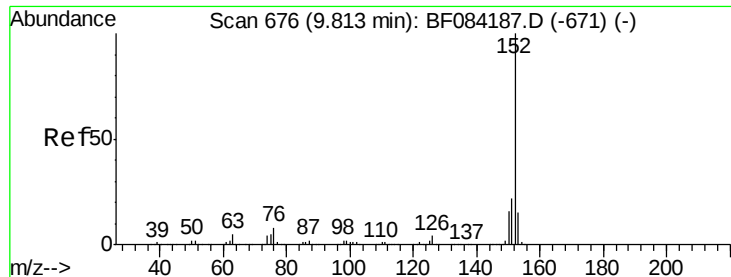
Sohil
1/5/2016 1:26:53 PM



#47
2-Nitroaniline
Concen: 40.06 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.9	53.4	80.2
138	76.9	71.1	106.7





#48

Acenaphthylene

Concen: 37.59 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampled :

S8-0529MSD

Tot Ion:152 Resp: 1797247

Ion Ratio Lower Upper

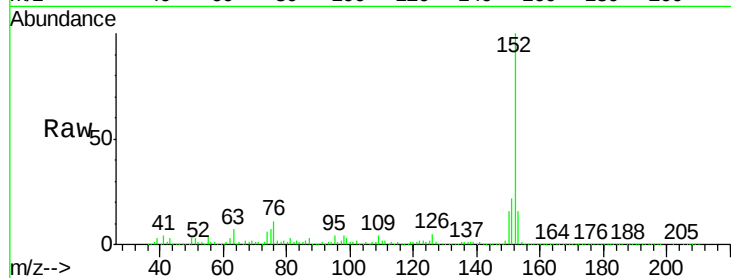
152 100

151 21.8 16.3 24.5

153 15.7 10.4 15.6#

Manual Integrations
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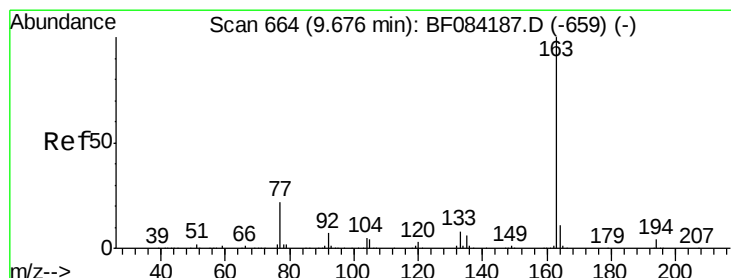
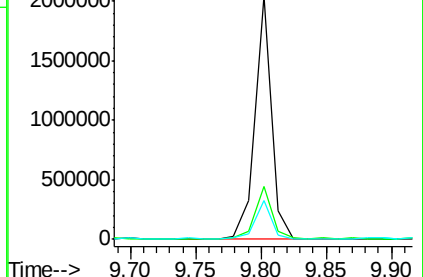
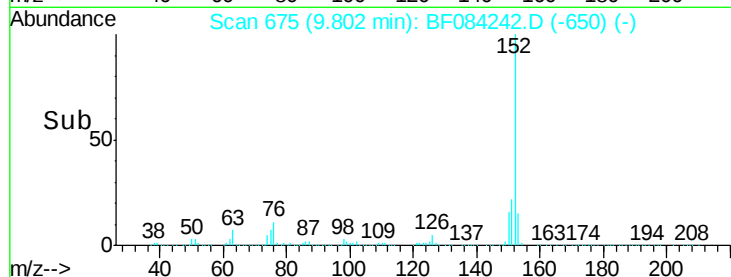
Sohil
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 44.21 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

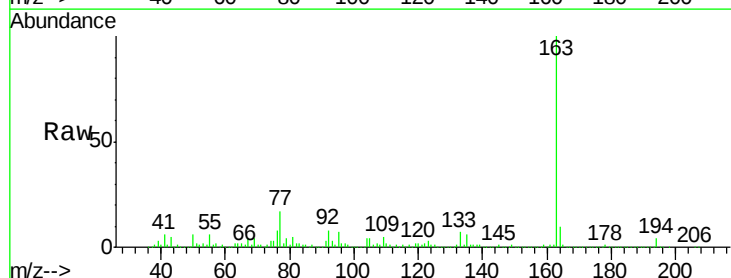
Tgt Ion:163 Resp: 1638230

Ion Ratio Lower Upper

163 100

194 3.8 8.0 12.0#

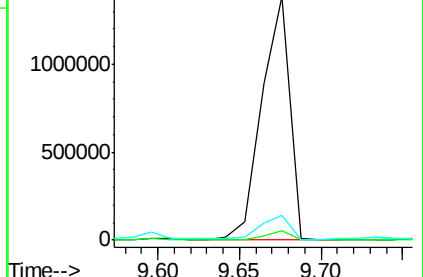
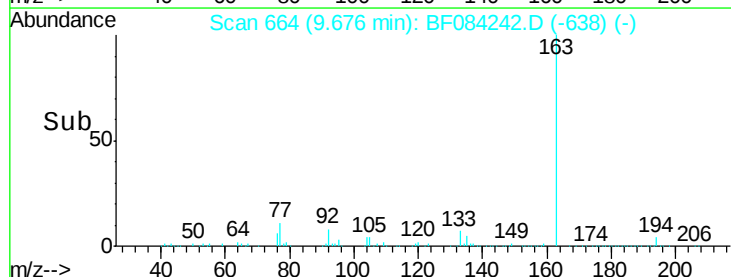
164 10.2 8.0 12.0

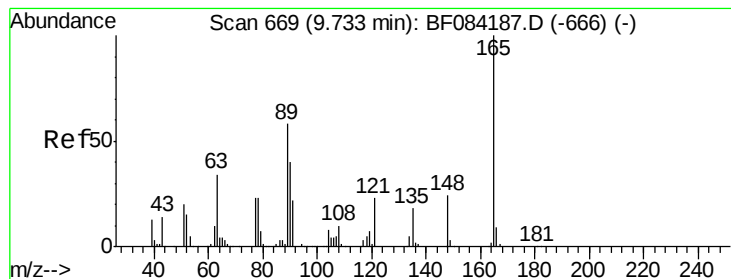


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





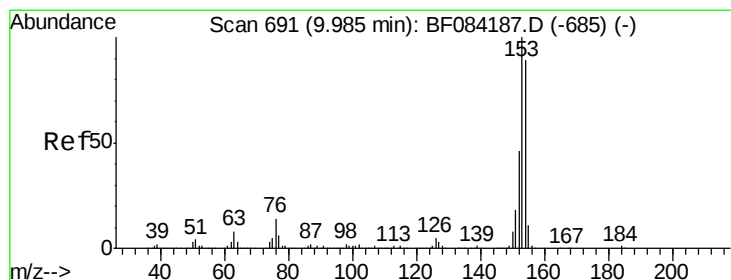
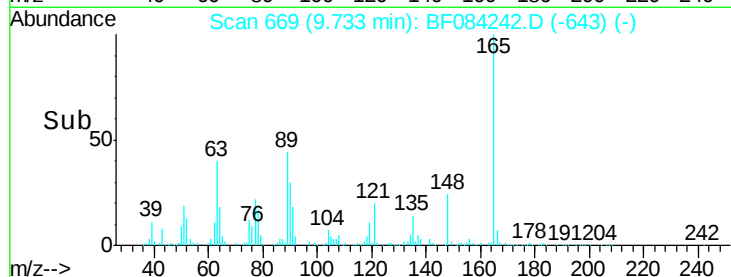
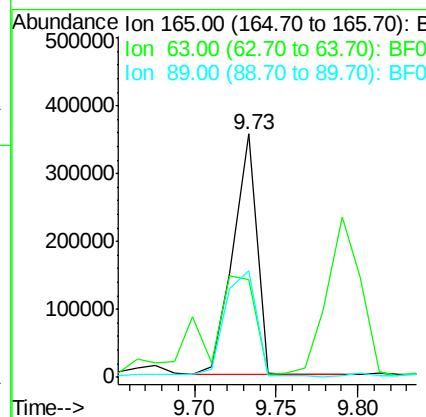
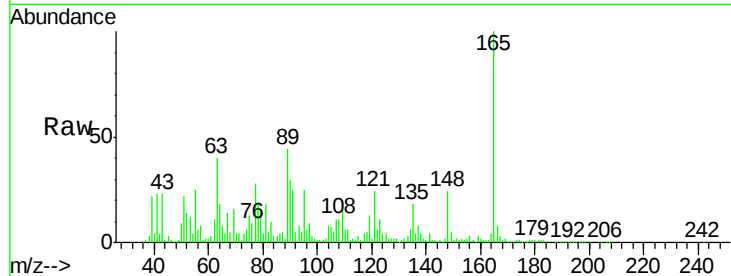
#50
2,6-Dinitrotoluene
Concen: 44.00 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	357601		
63	40.3	28.8	43.2	
89	43.6	35.1	52.7	

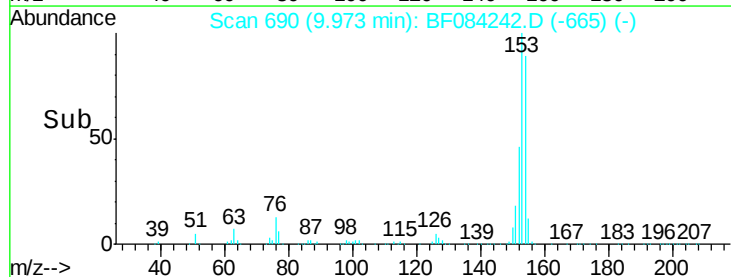
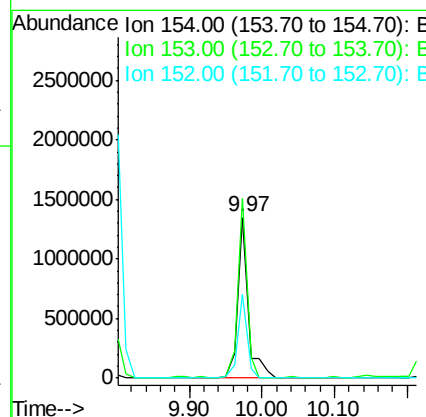
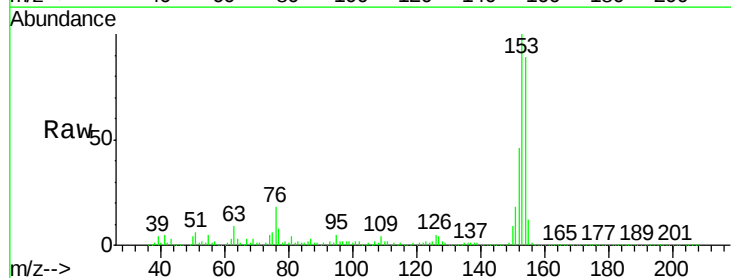
Manual Integrations
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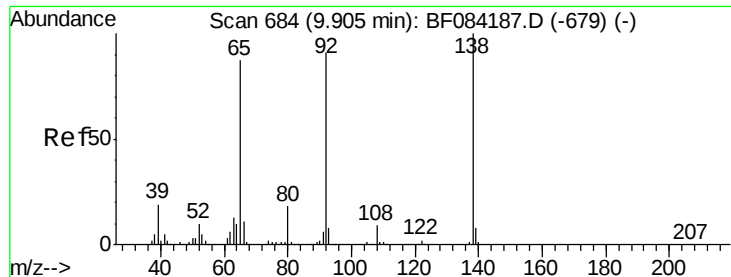
Sohil
1/5/2016 1:26:53 PM



#51
Acenaphthene
Concen: 41.62 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1334823		
153	112.1	91.5	137.3	
152	51.7	43.0	64.6	





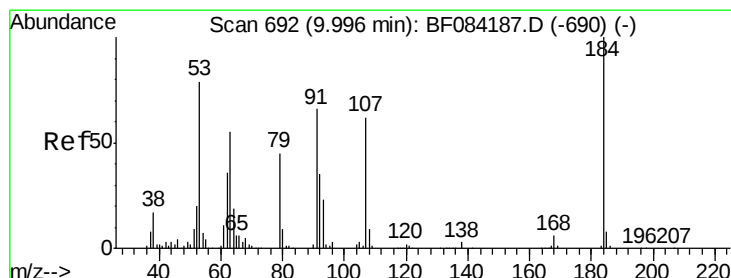
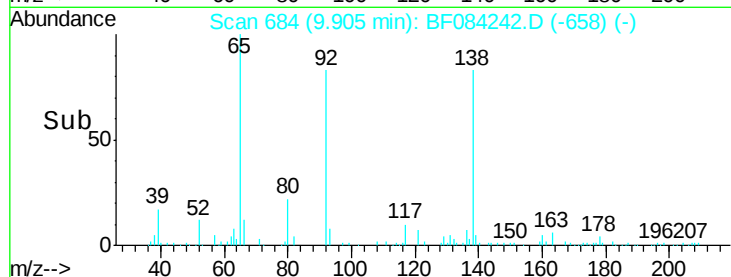
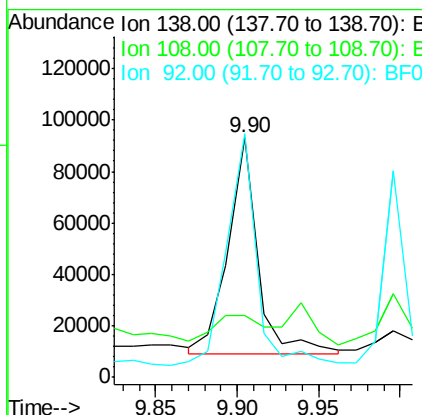
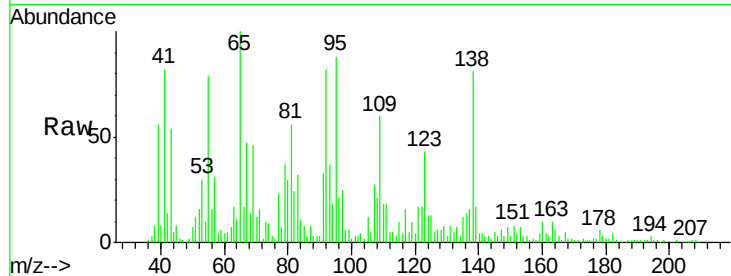
#52
3-Nitroaniline
Concen: 10.53 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	26.0	10.5	15.7#
92	101.6	103.9	155.9#

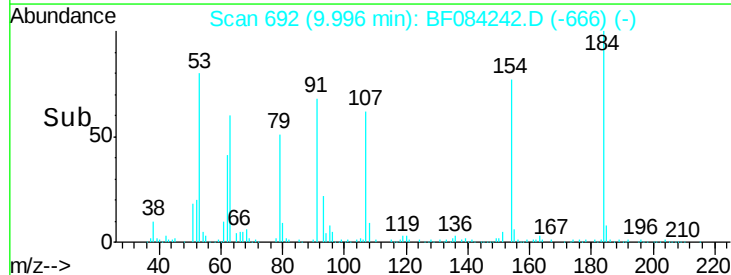
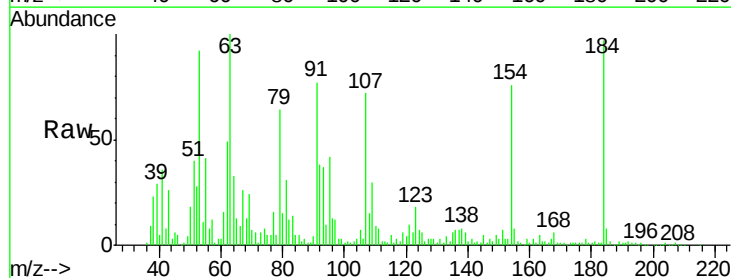
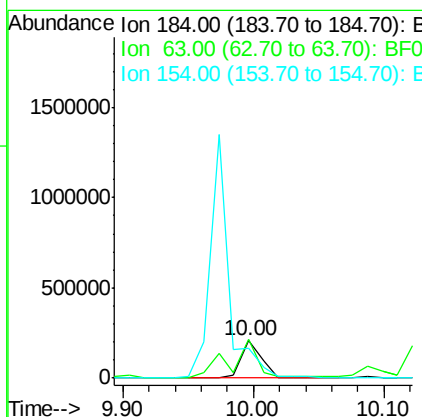
Manual Integrations
APPROVED

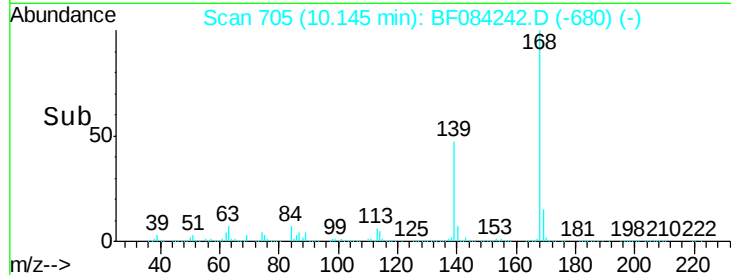
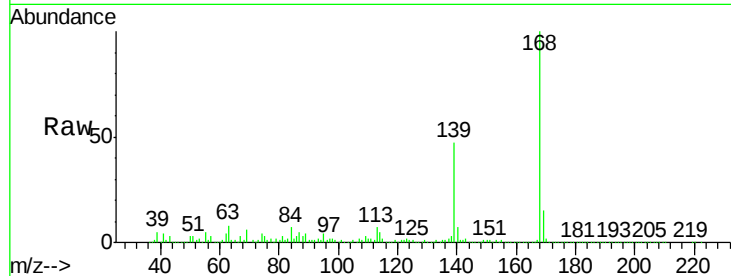
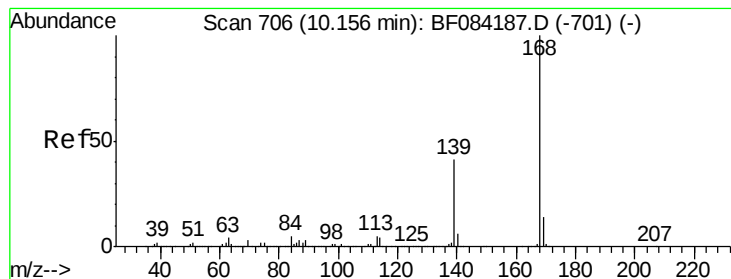
Sohil
1/5/2016 1:26:53 PM



#53
2,4-Dinitrophenol
Concen: 65.88 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	103.5	43.1	64.7#
154	78.5	60.5	90.7





#54

Dibenzofuran

Concen: 37.64 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Tot Ion:168 Resp: 1583787

Ion Ratio Lower Upper

168 100

139 47.3 30.5 45.7#

169 14.6 10.4 15.6

Instrument :

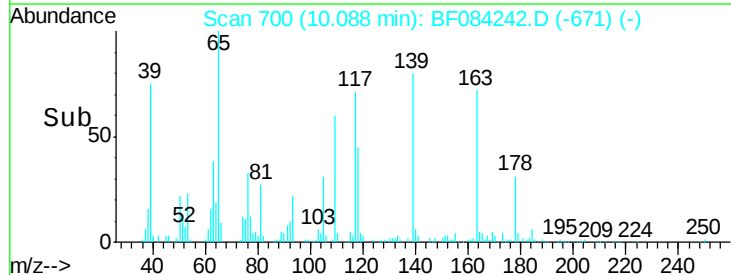
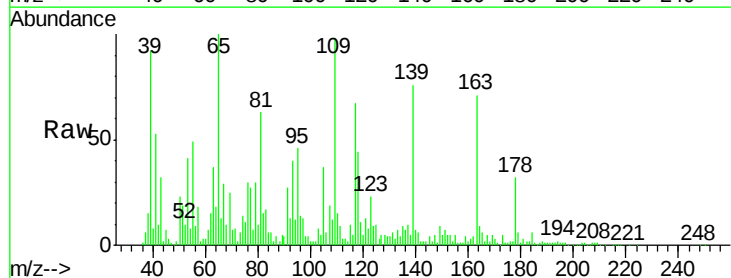
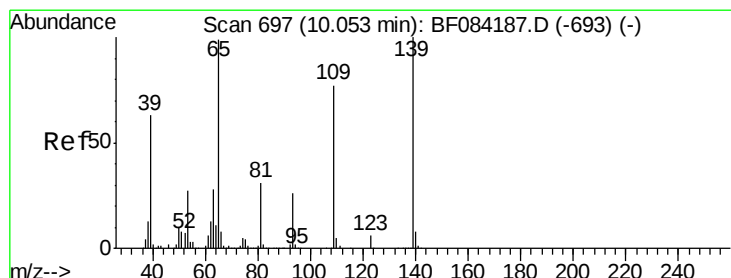
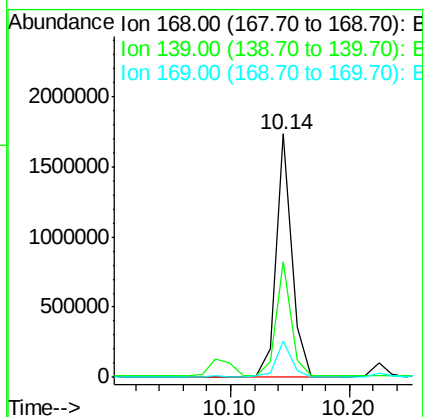
BNA_F

ClientSampleId :

S8-0529MSD

Manual Integrations
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1/5/2016 1:26:53 PM



#55

4-Nitrophenol

Concen: 23.45 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.03 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

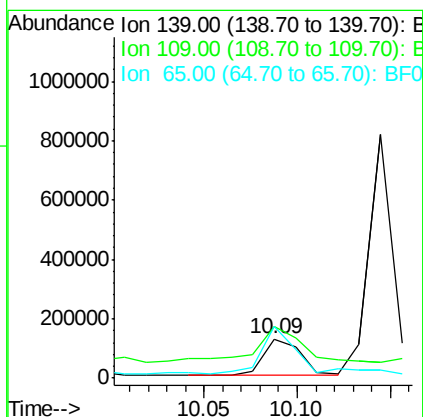
Tgt Ion:139 Resp: 171429

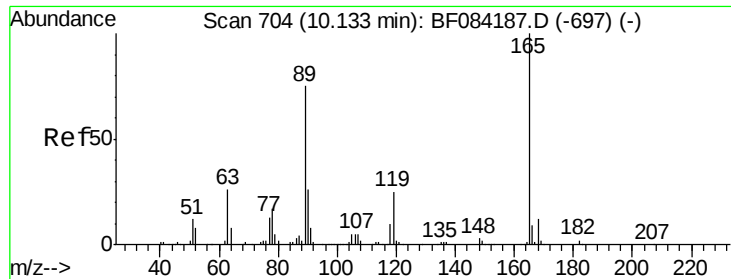
Ion Ratio Lower Upper

139 100

109 129.4 58.5 98.5#

65 131.6 57.6 97.6#





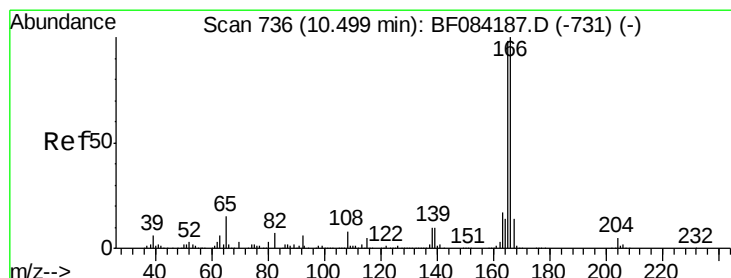
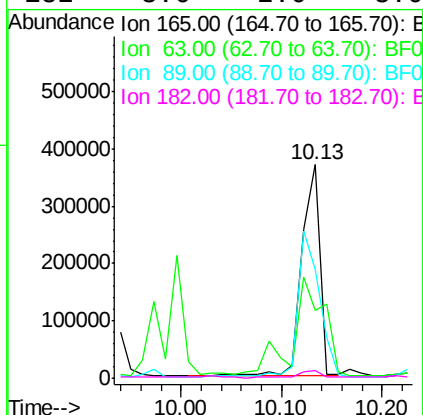
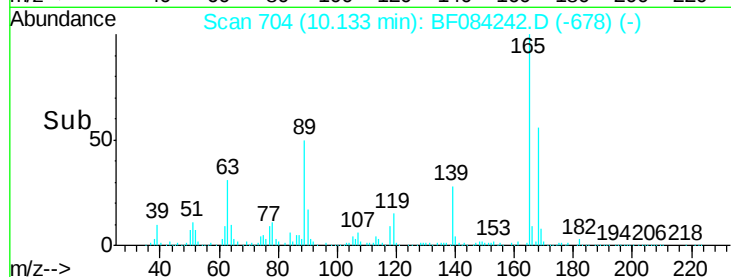
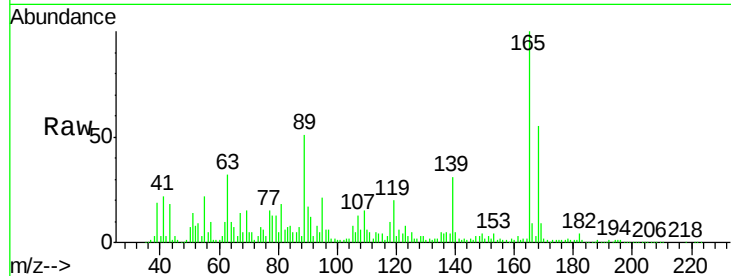
#56
2,4-Dinitrotoluene
Concen: 44.52 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	32.0	36.7	55.1#
89	50.8	61.9	92.9#
182	3.6	2.0	3.0#

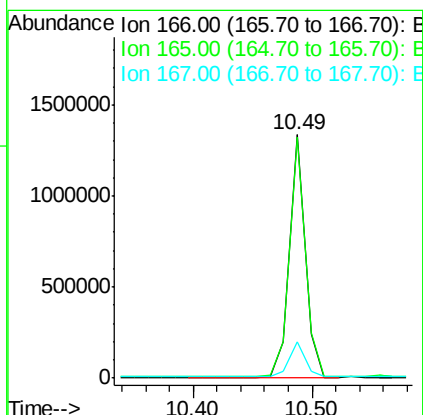
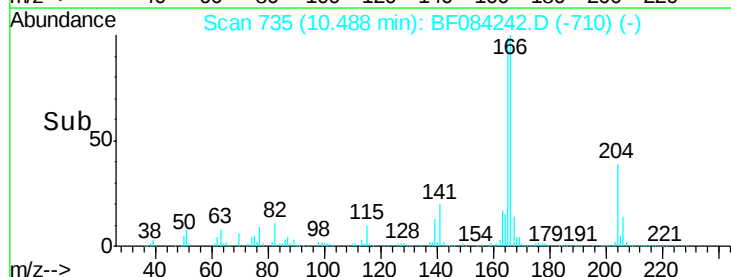
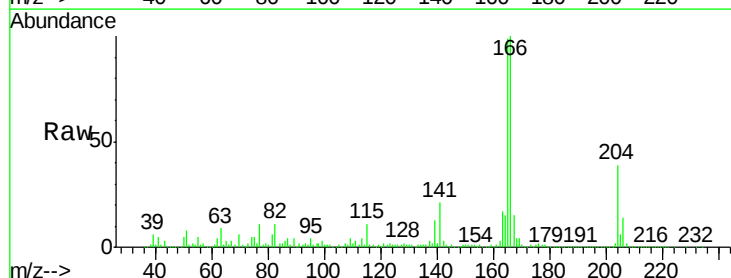
Manual Integrations
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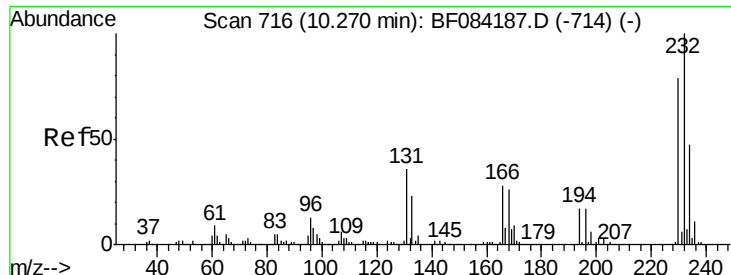
Sohil
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#57
Fluorene
Concen: 37.56 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.1	118.7
167	14.7	10.4	15.6





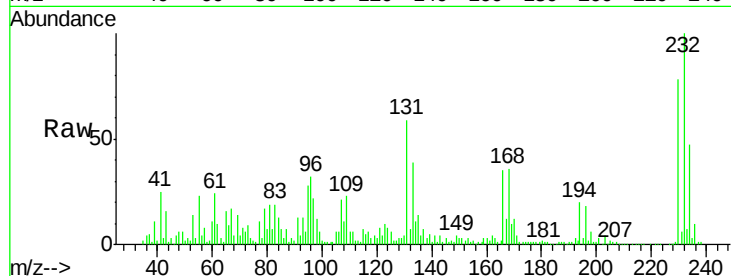
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.43 ng
 RT: 10.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

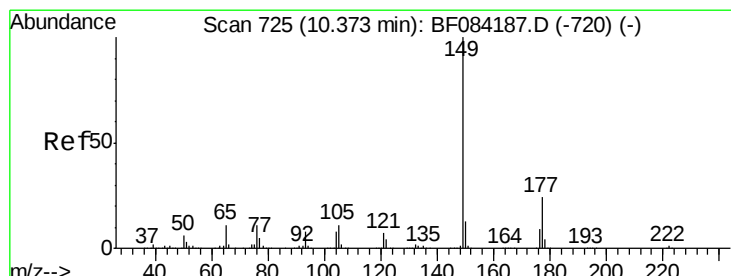
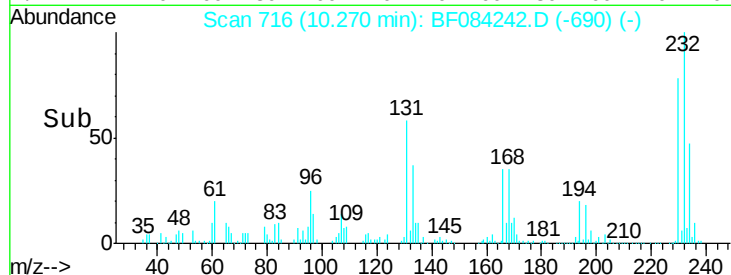
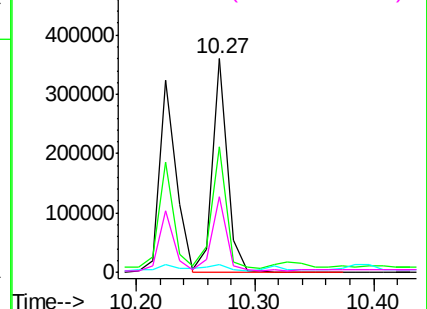
Tot Ion	Ratio	Lower	Upper
232	100		
131	55.3	47.0	70.6
130	4.0	2.0	3.0
166	33.7	30.5	45.7

Manual Integrations
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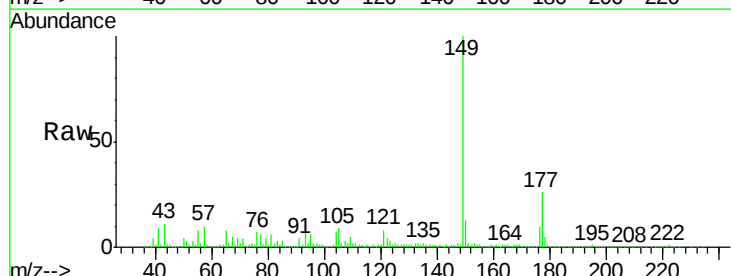


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

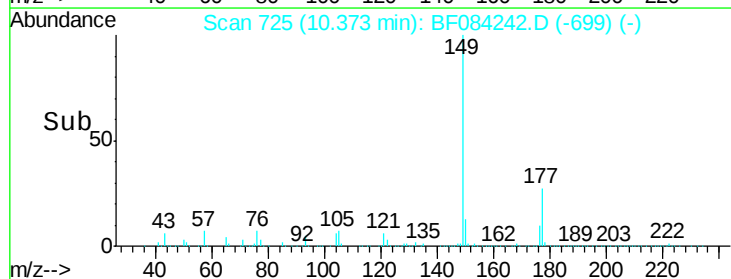
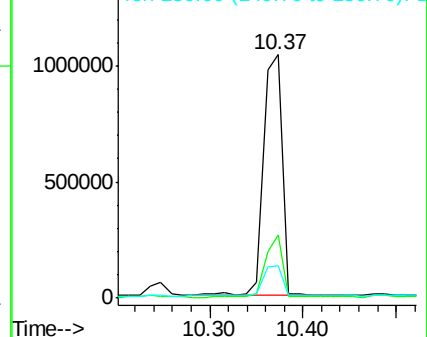


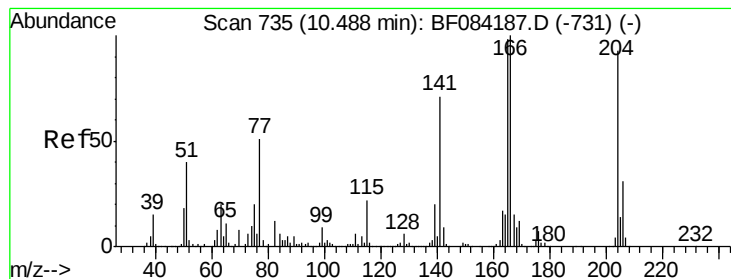
#59
 Diethylphthalate
 Concen: 39.58 ng
 RT: 10.37 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.7	17.3	25.9
150	13.3	9.8	14.8



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: 45.66 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

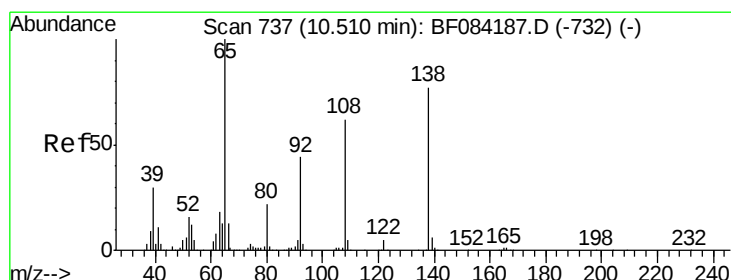
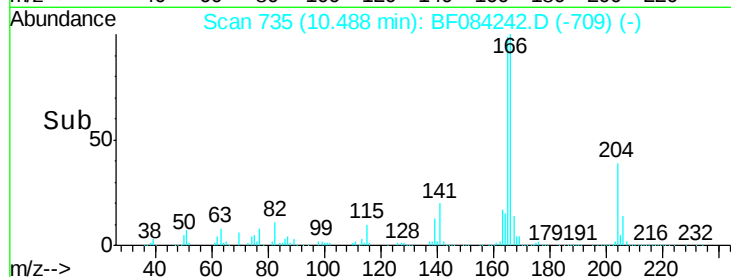
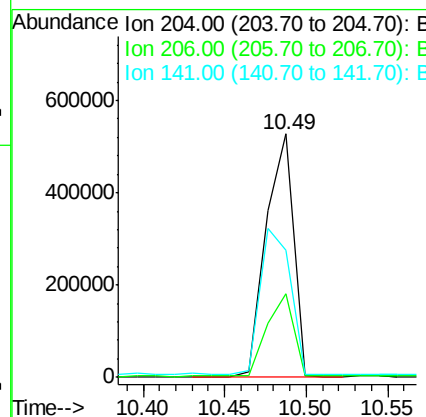
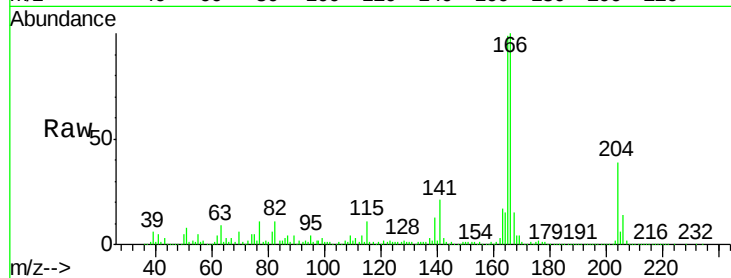
ClientSampleId :

S8-0529MSD

Tot Ion:	204	Resp:	617274
Ion Ratio	Lower	Upper	
204	100		
206	34.5	25.7	38.5
141	52.4	55.1	82.7#

Manual Integrations
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1/5/2016 1:26:53 PM



#61

4-Nitroaniline

Concen: 13.61 ng

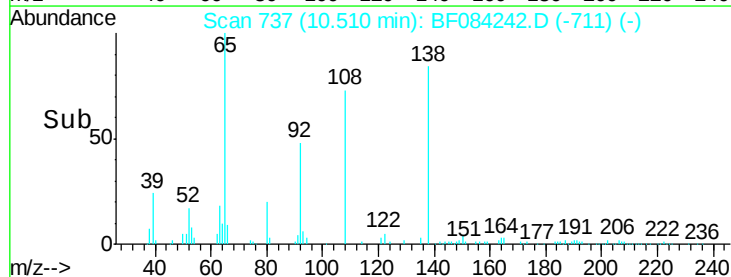
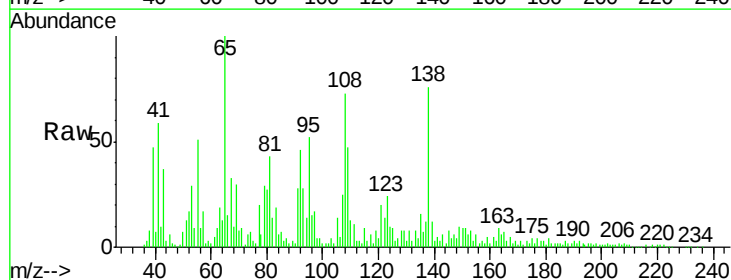
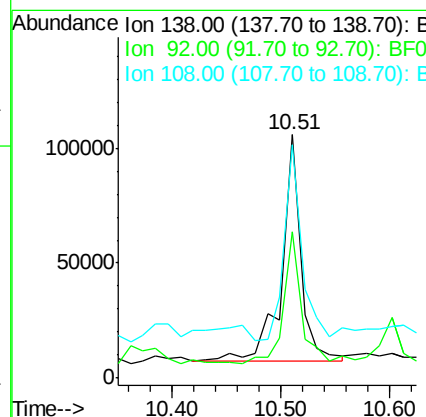
RT: 10.51 min Scan# 737

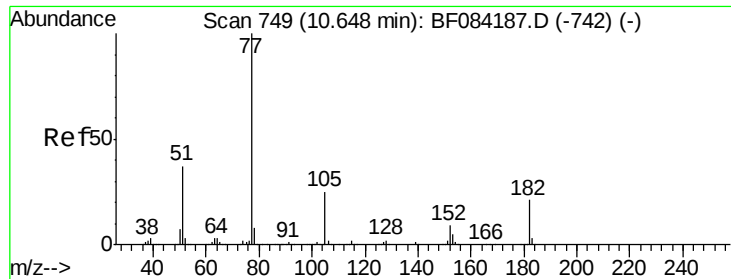
Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Tgt Ion:	138	Resp:	122195
Ion Ratio	Lower	Upper	
138	100		
92	59.9	32.6	72.6
108	95.7	68.6	108.6





#62

Azobenzene

Concen: 37.61 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tot Ion: 77 Resp: 1507099

Ion Ratio Lower Upper

77 100

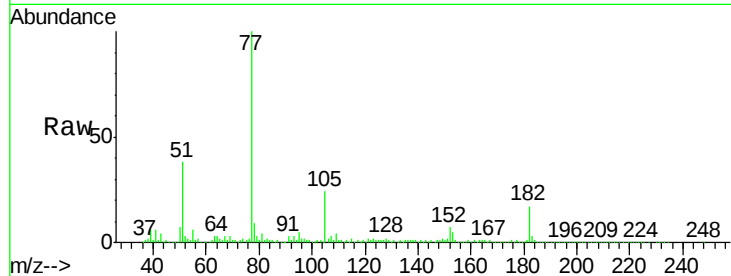
182 16.5 8.3 48.3

105 23.5 4.6 44.6

51 37.7 6.2 46.2

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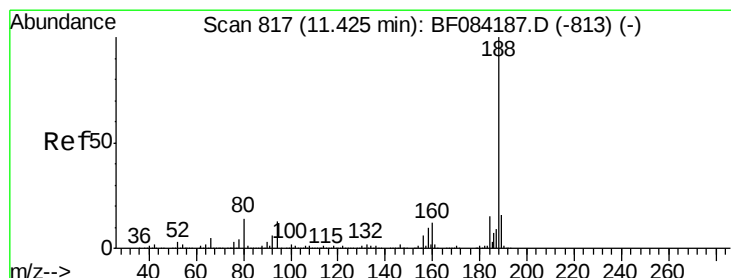
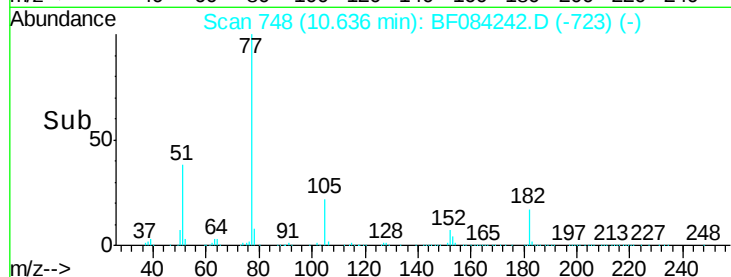
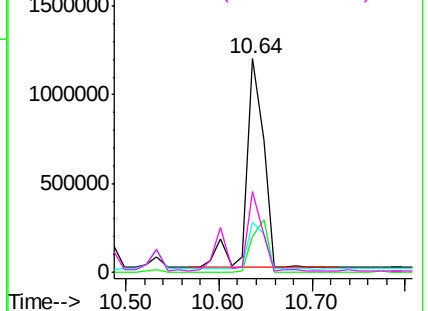


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

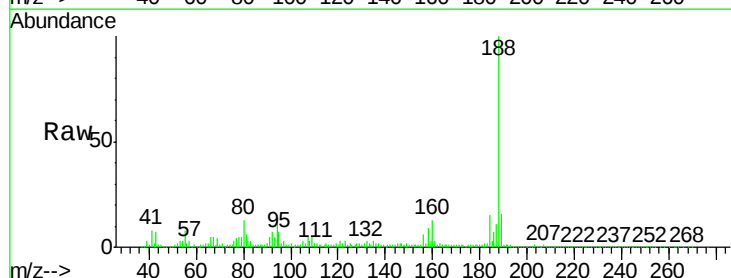
Tgt Ion: 188 Resp: 766928

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.4

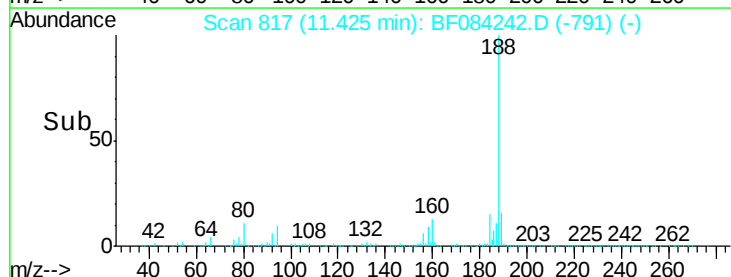
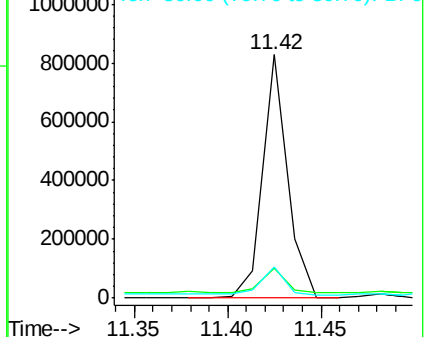
80 12.6 9.6 14.4

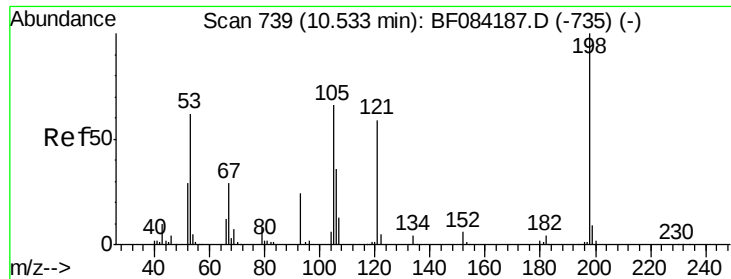


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





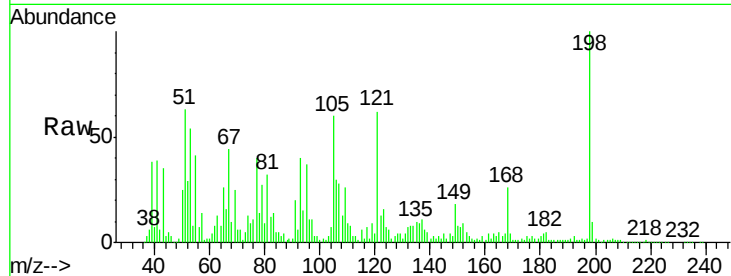
#64
4,6-Dinitro-2-methylphenol
Concen: 36.88 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	172589		
51	63.2	18.9	58.9#	
105	59.6	26.4	66.4	

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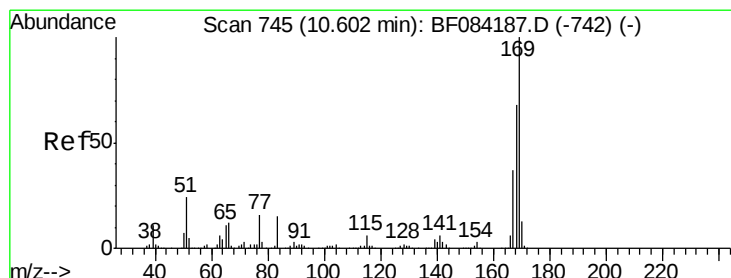
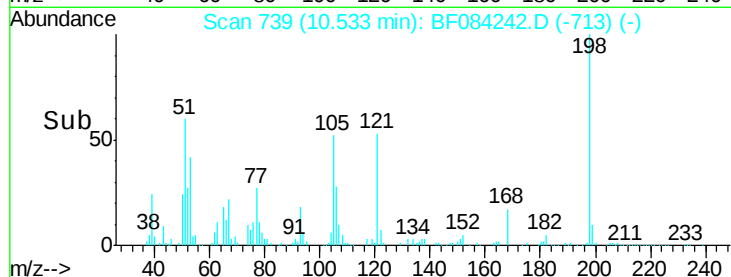
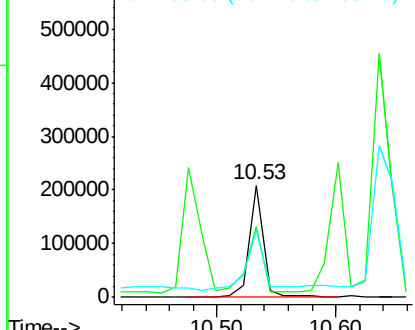


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65
n-Nitrosodiphenylamine
Concen: 43.12 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

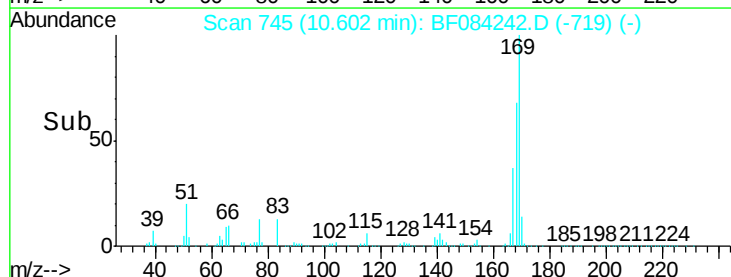
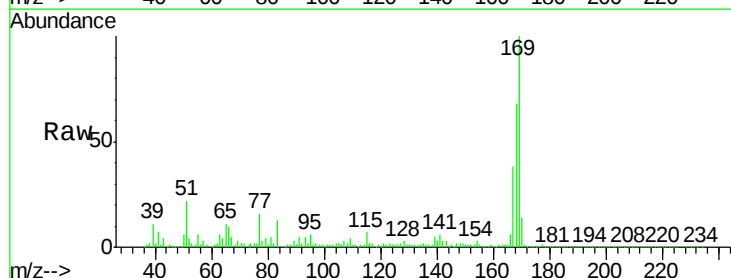
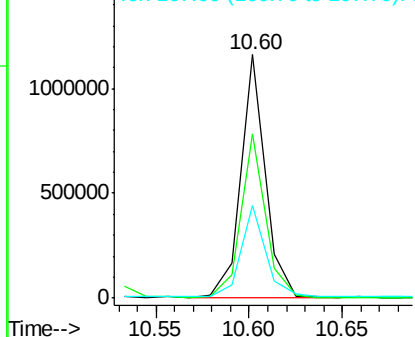
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1057276		
168	67.6	55.1	82.7	
167	38.2	30.0	45.0	

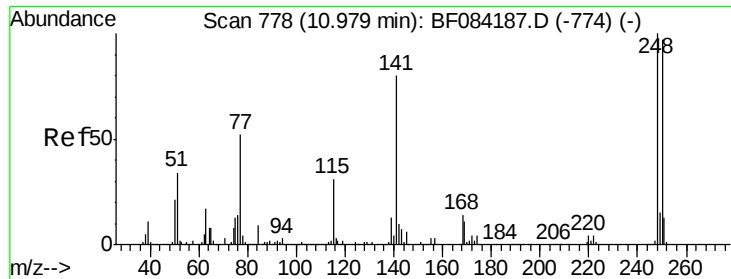
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 45.74 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

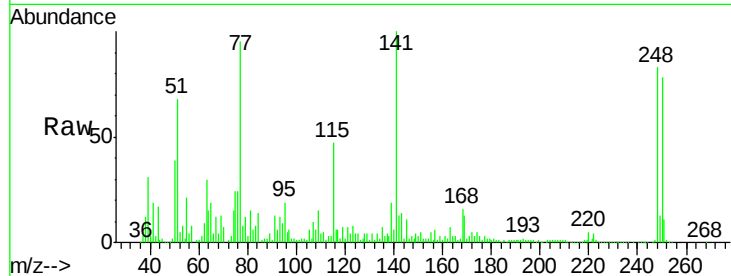
ClientSampleId :

S8-0529MSD

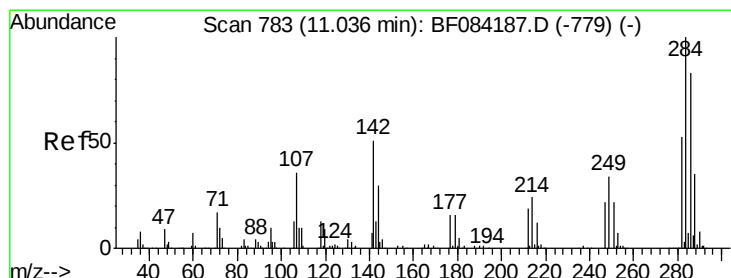
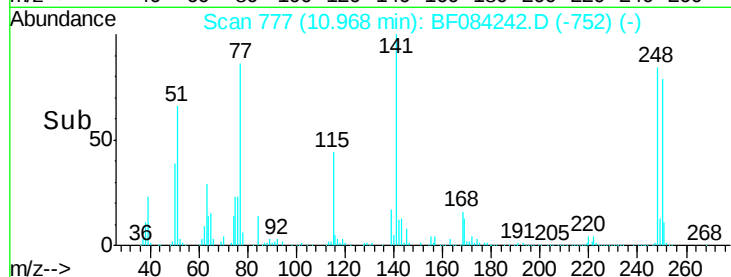
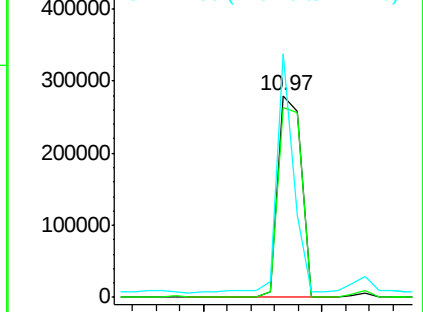
Tot Ion:	248	Resp:	377555
Ion Ratio	Lower	Upper	
248	100		
250	94.2	78.4	117.6
141	120.8	44.0	66.0#

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 47.01 ng

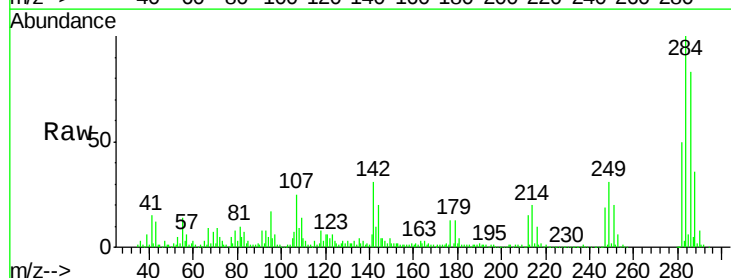
RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

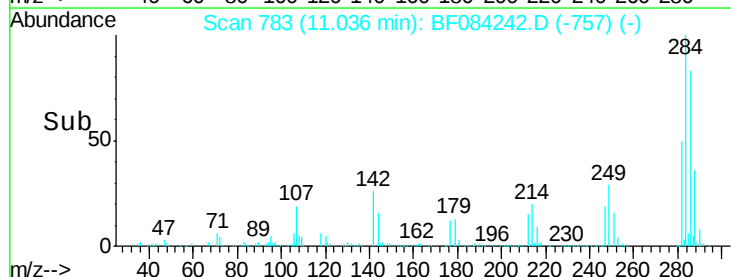
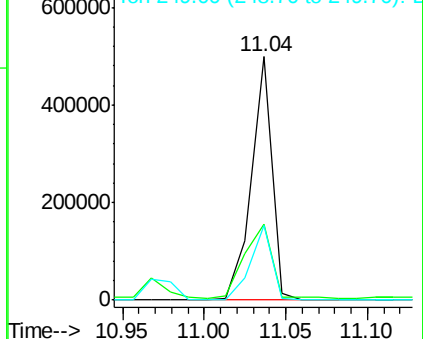
Lab File: BF084242.D

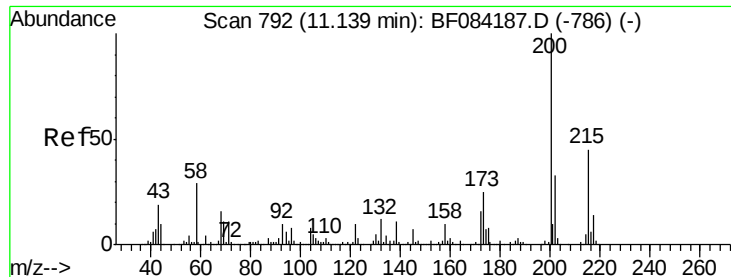
Acq: 4 Jan 2016 16:45

Tgt Ion:	284	Resp:	436801
Ion Ratio	Lower	Upper	
284	100		
142	31.4	22.2	33.4
249	30.9	24.6	37.0



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





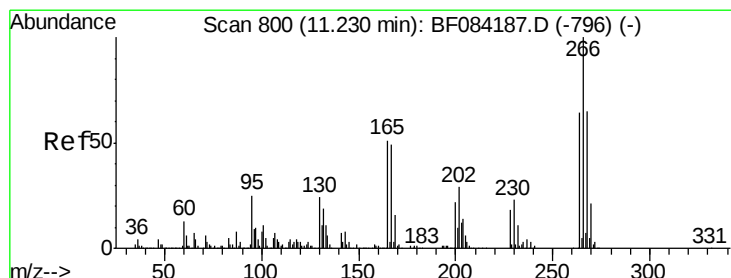
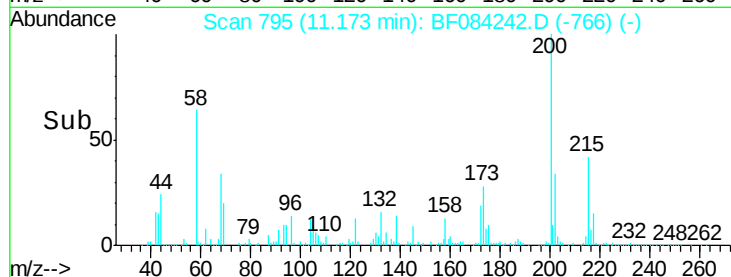
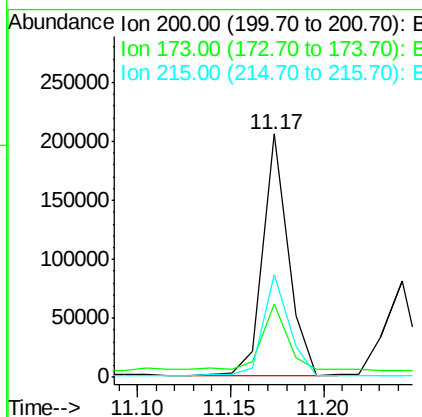
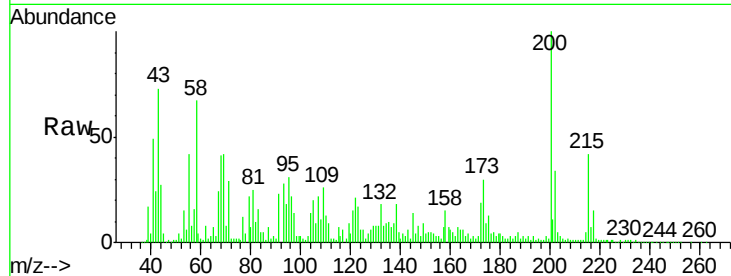
#68
Atrazine
Concen: 23.95 ng
RT: 11.17 min Scan# 795
Delta R.T. 0.03 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.2	9.5	49.5
215	42.1	23.8	63.8

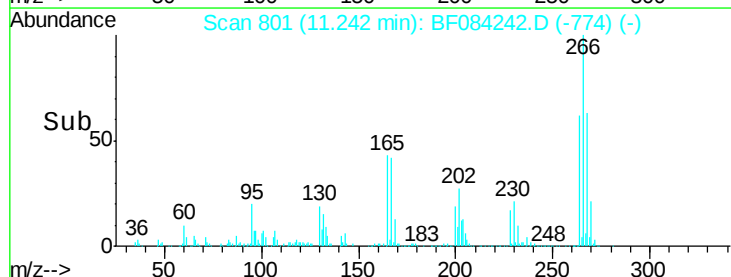
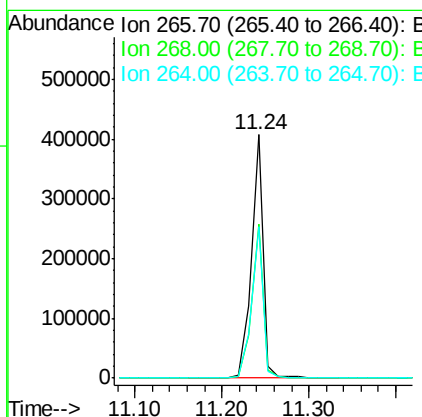
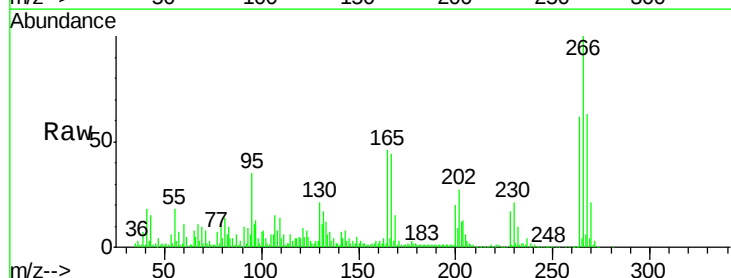
Manual Integrations
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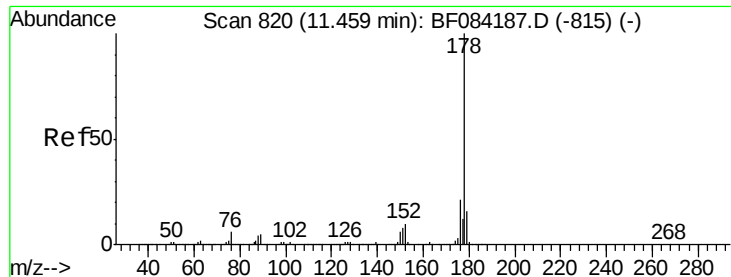
Sohil
1/5/2016 1:26:53 PM



#69
Pentachlorophenol
Concen: 80.45 ng
RT: 11.24 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.3	52.4	78.6
264	62.3	50.2	75.2





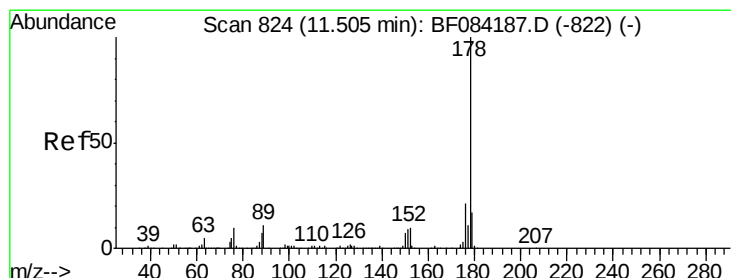
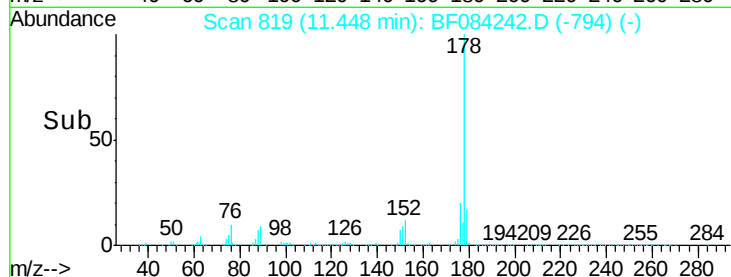
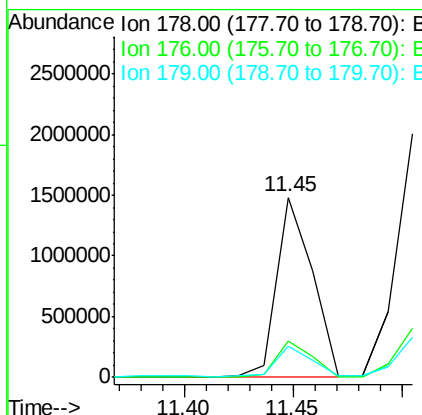
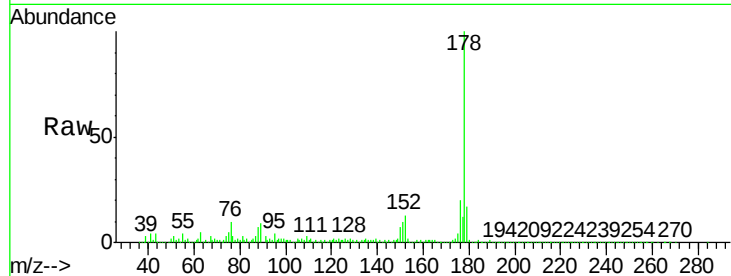
#70
Phenanthrene
Concen: 41.76 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion:178 Resp: 1675367
Ion Ratio Lower Upper
178 100
176 20.5 15.3 22.9
179 17.2 12.0 18.0

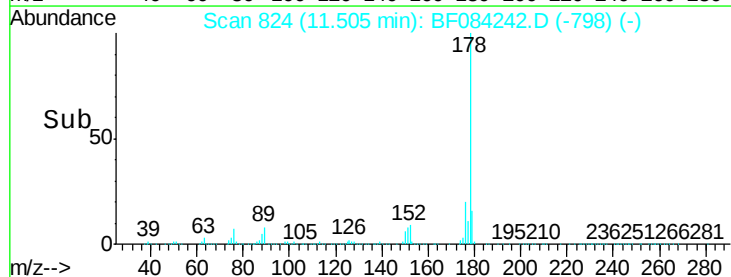
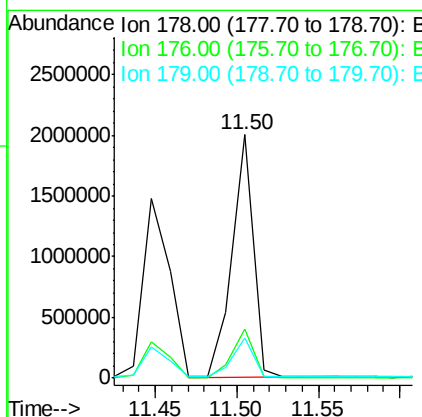
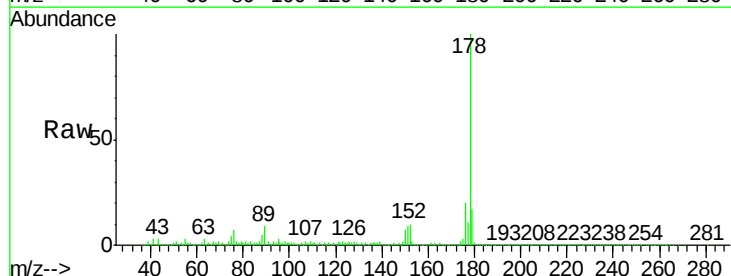
Manual Integrations
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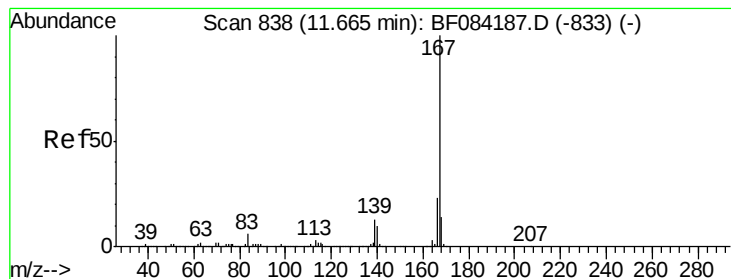
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#71
Anthracene
Concen: 45.37 ng
RT: 11.50 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion:178 Resp: 1784236
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.0
179 16.6 12.5 18.7





#72

Carbazole

Concen: 32.90 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tot Ion:167 Resp: 1264789

Ion Ratio Lower Upper

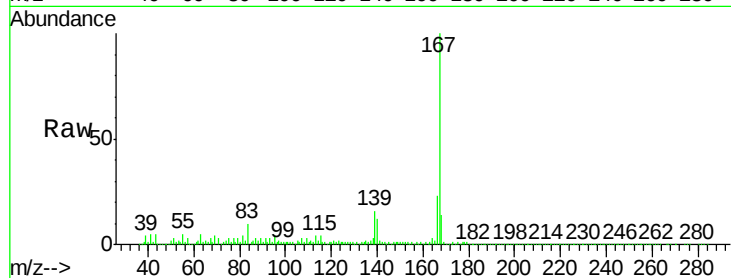
167 100

166 23.0 17.6 26.4

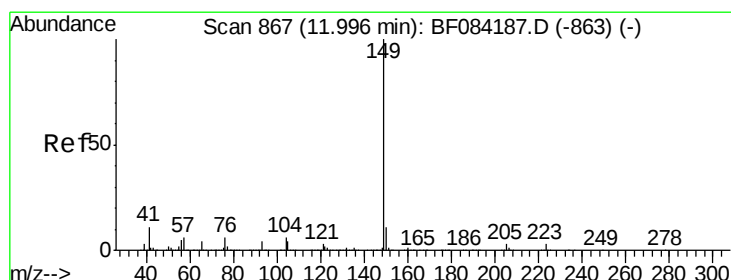
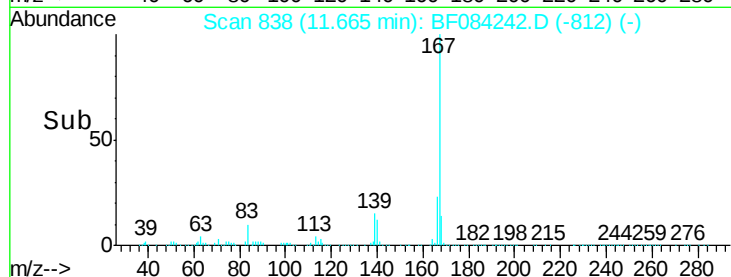
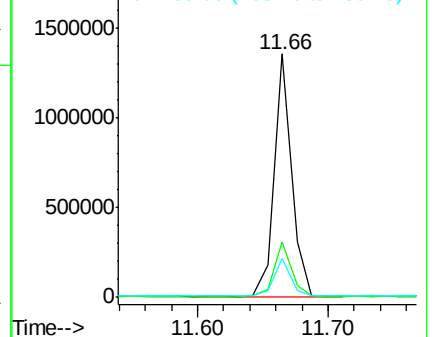
139 15.7 11.8 17.8

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.84 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

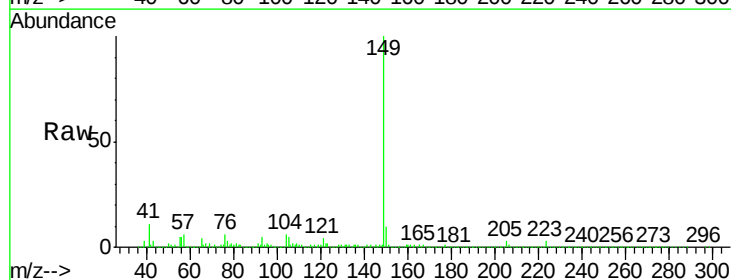
Tgt Ion:149 Resp: 1740976

Ion Ratio Lower Upper

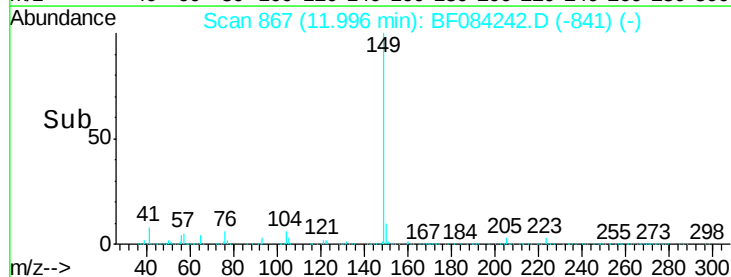
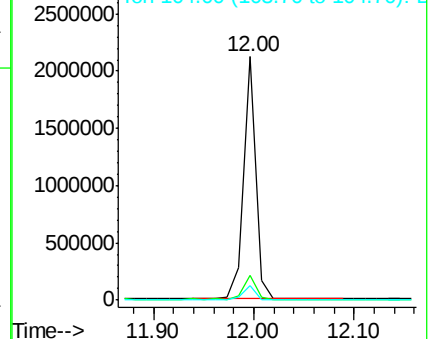
149 100

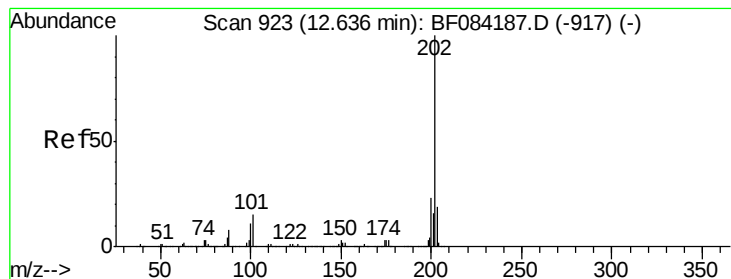
150 10.0 7.1 10.7

104 6.0 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 33.95 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

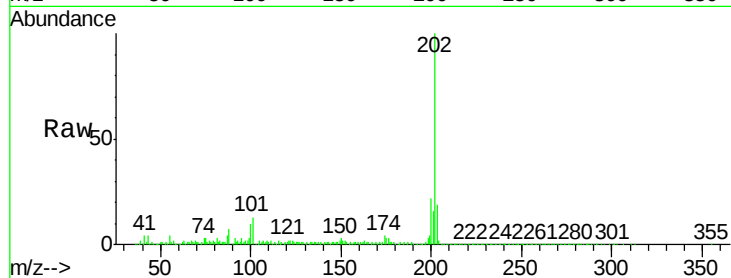
ClientSampleId :

S8-0529MSD

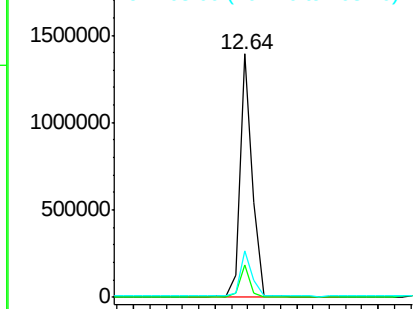
Tot Ion:	202	Resp:	1422932
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	32.8
203	18.9	0.0	37.9

Manual Integrations
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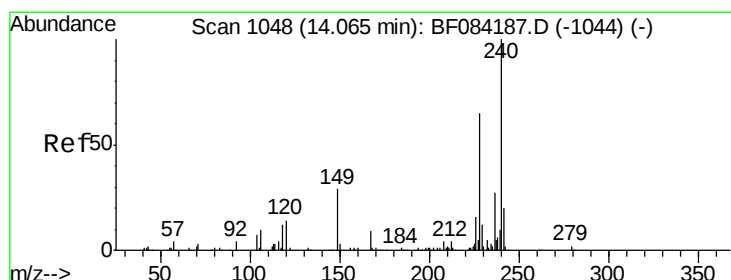
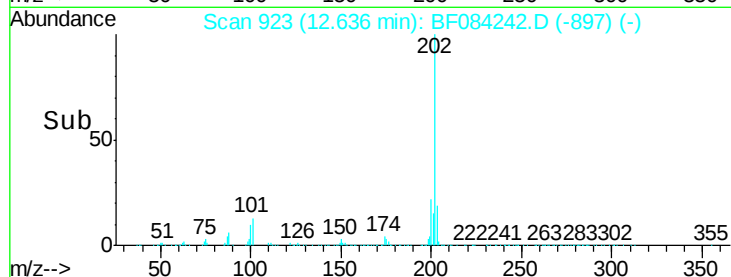
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

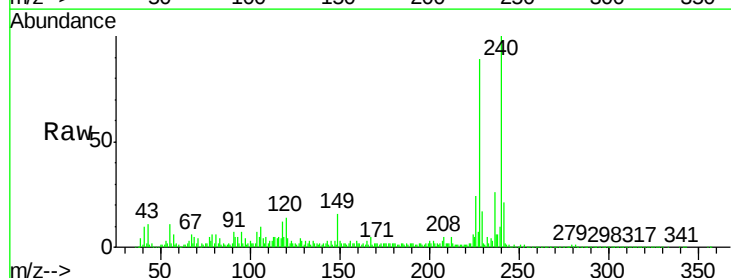
RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

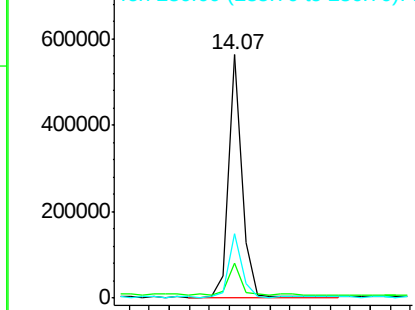
Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

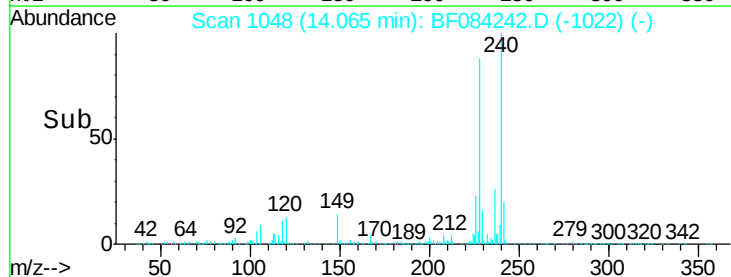
Tgt Ion:	240	Resp:	516085
Ion Ratio	Lower	Upper	
240	100		
120	14.3	9.5	14.3#
236	26.3	20.6	31.0

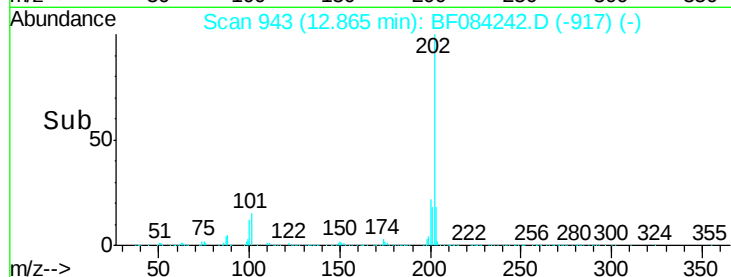
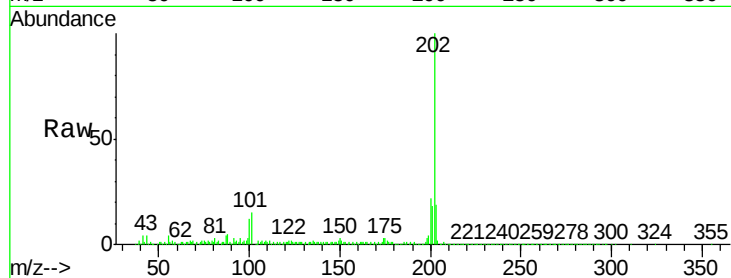
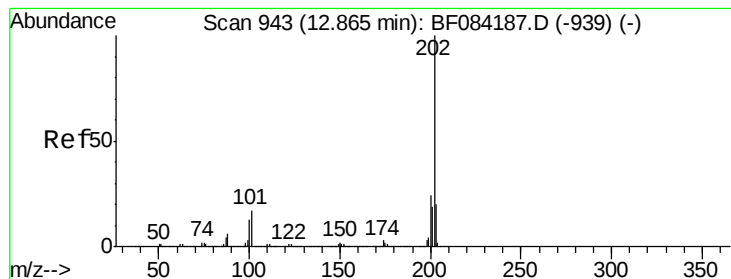


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Pvrene

Concen: 34.20 ng

RT: 12.86 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Tot Ion:	202	Resp:	1385150
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.2	25.8
203	18.8	14.3	21.5

Instrument :

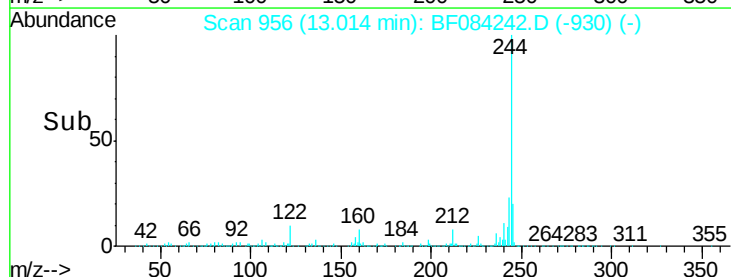
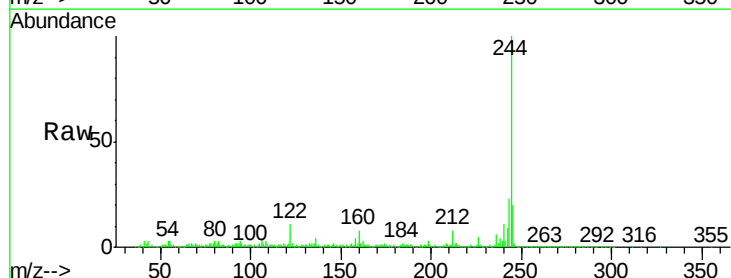
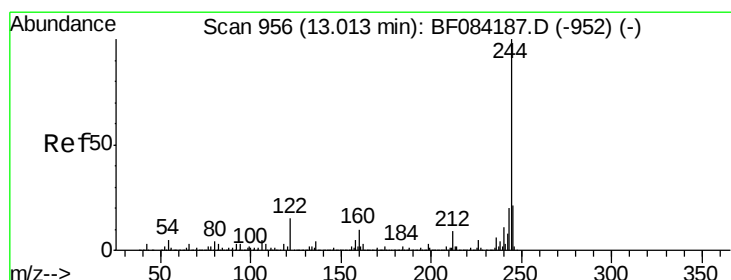
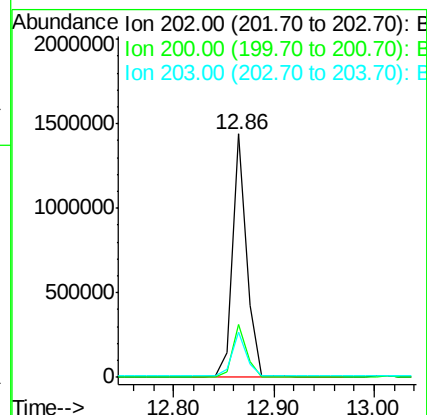
BNA_F

ClientSampleId :

S8-0529MSD

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#78

Terphenyl-d14

Concen: 69.97 ng

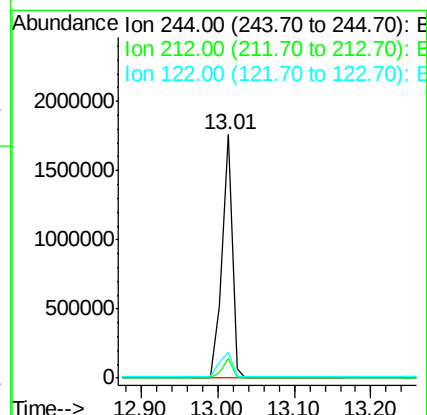
RT: 13.01 min Scan# 956

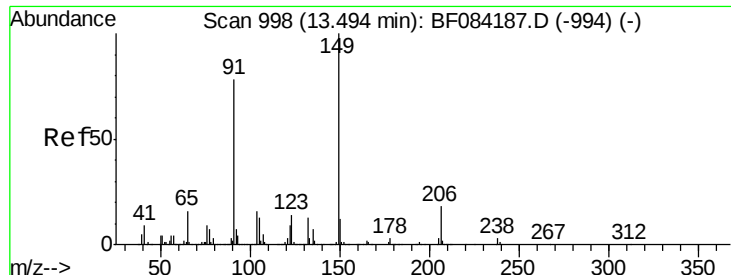
Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Tgt Ion:	244	Resp:	1617611
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	10.9	7.4	11.0





#79

Butylbenzylphthalate

Concen: 35.23 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

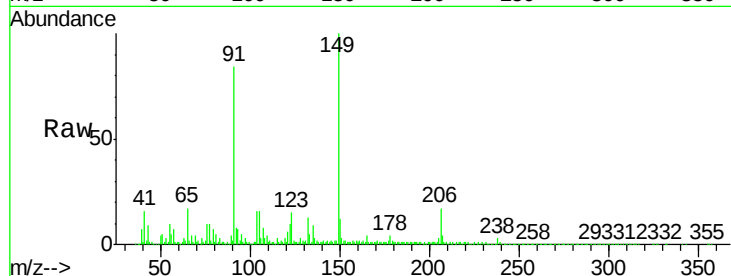
ClientSampleId :

S8-0529MSD

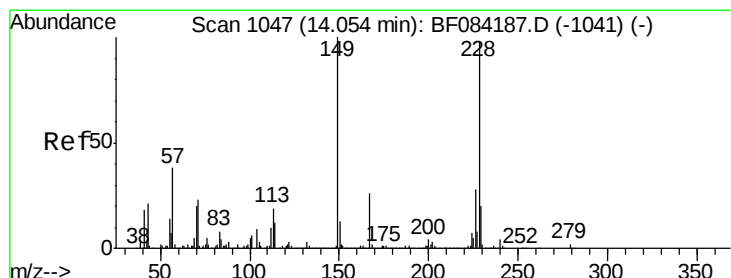
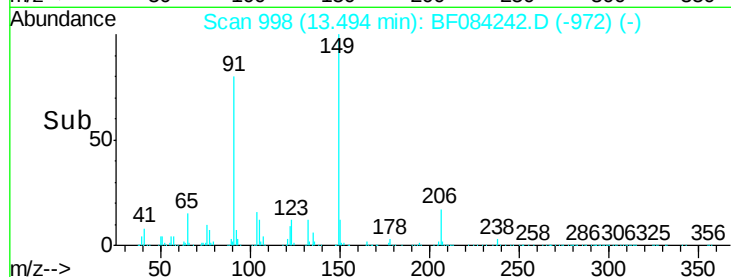
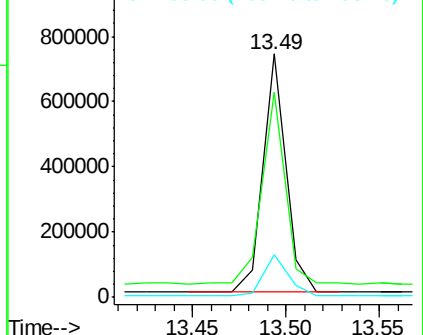
Tot Ion:	149	Resp:	617398
Ion Ratio	Lower	Upper	
149	100		
91	84.3	57.6	86.4
206	17.4	13.2	19.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.36 ng

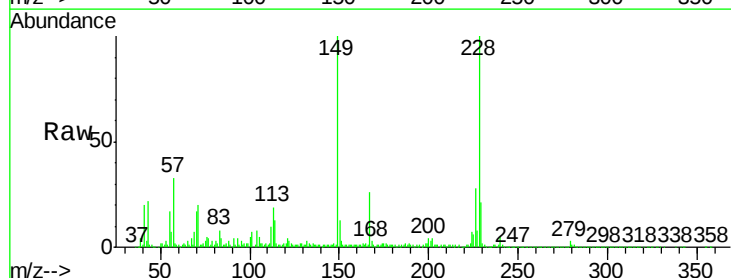
RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

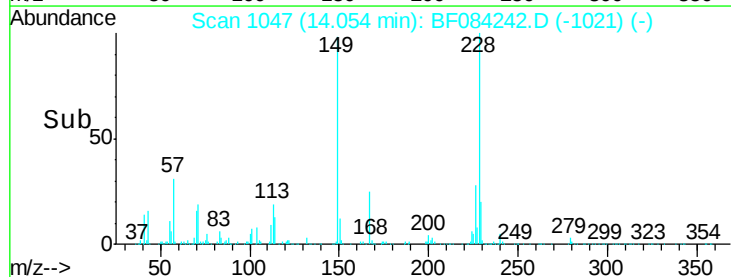
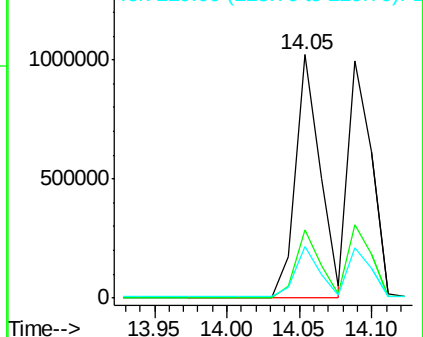
Lab File: BF084242.D

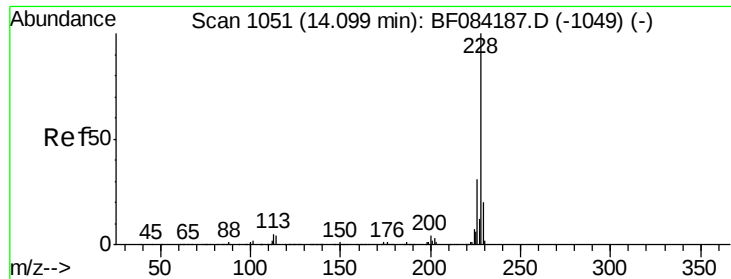
Acq: 4 Jan 2016 16:45

Tgt Ion:	228	Resp:	1192777
Ion Ratio	Lower	Upper	
228	100		
226	28.2	21.8	32.6
229	21.0	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 38.82 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tot Ion:228 Resp: 1130455

Ion Ratio Lower Upper

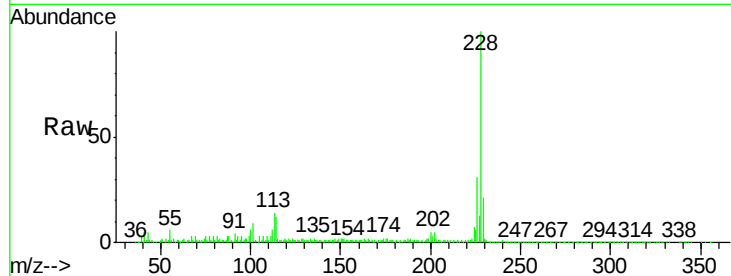
228 100

226 30.9 24.3 36.5

229 21.2 16.1 24.1

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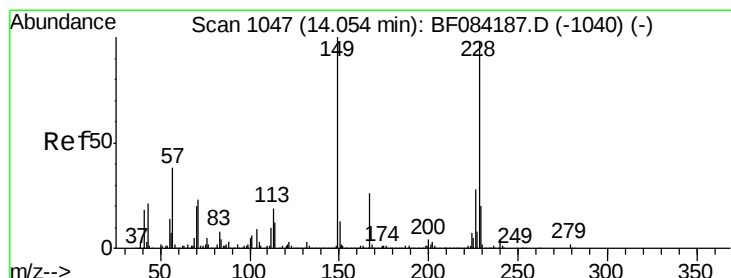
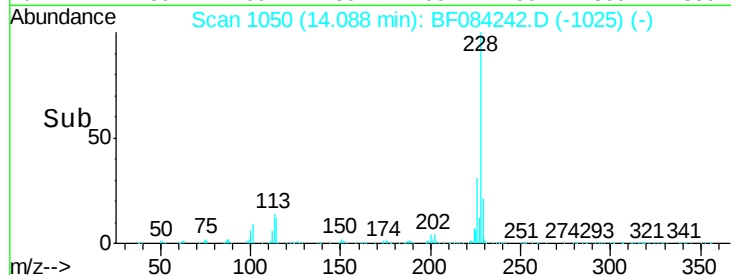
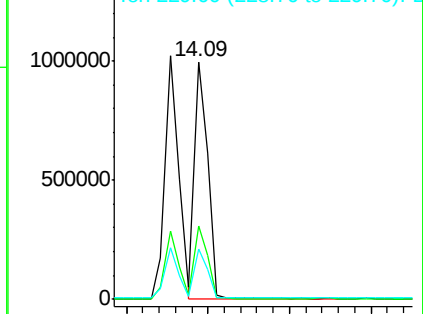
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.18 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

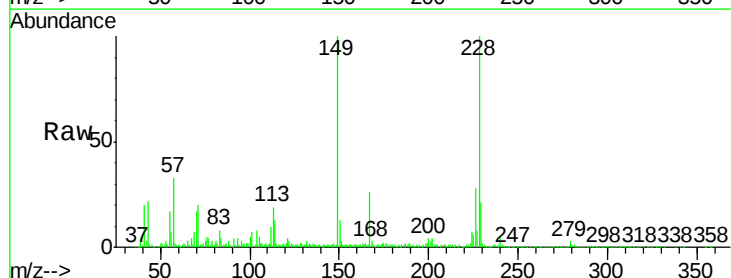
Tgt Ion:149 Resp: 845406

Ion Ratio Lower Upper

149 100

167 26.2 19.7 29.5

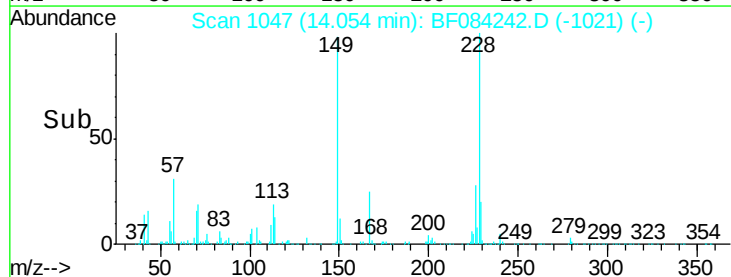
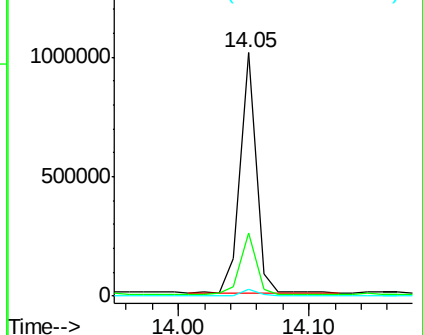
279 2.7 1.8 2.6#

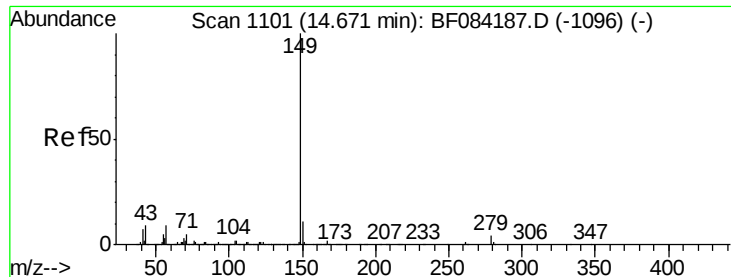


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





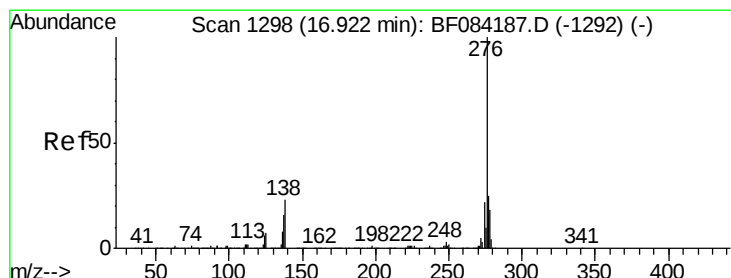
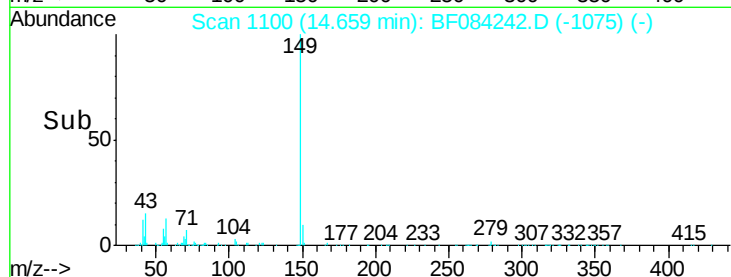
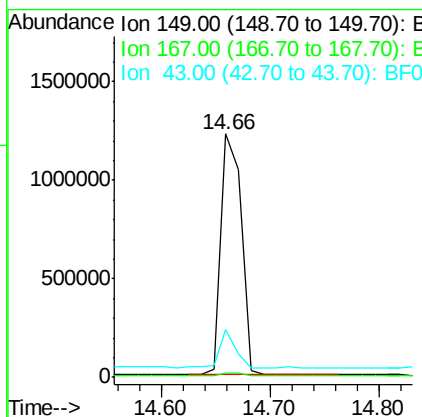
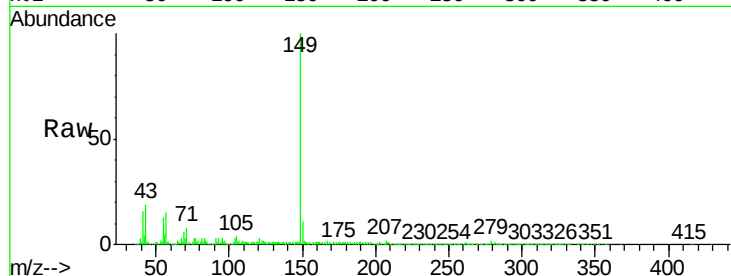
#84
Di-n-octyl phthalate
Concen: 42.80 ng
RT: 14.66 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.2	1.8#
43	12.4	5.6	8.4#

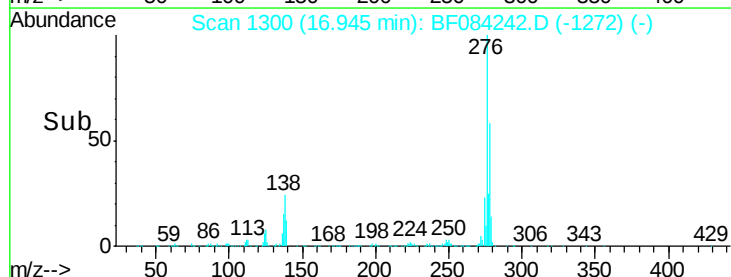
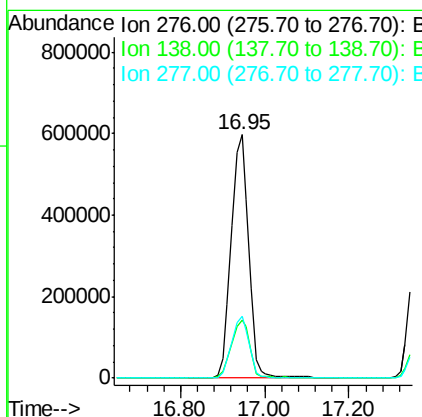
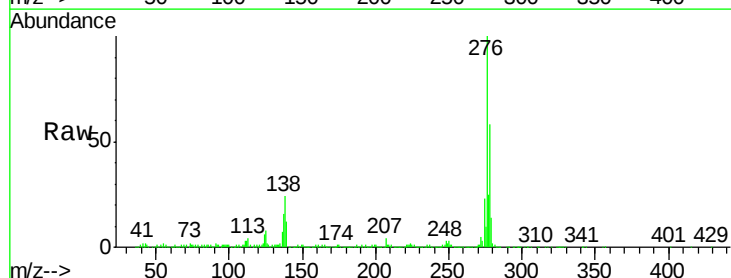
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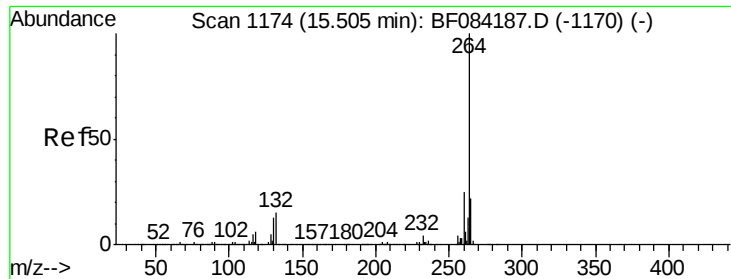
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 75.74 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.6	30.8
277	25.1	20.1	30.1





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

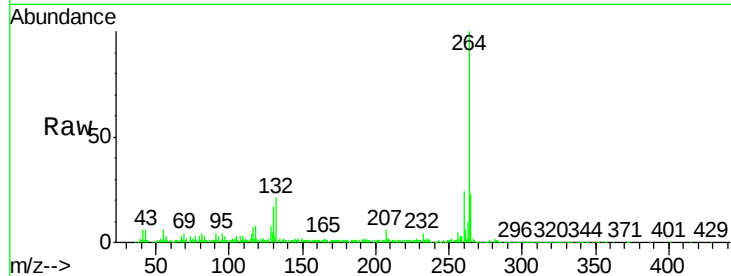
ClientSampleId :

S8-0529MSD

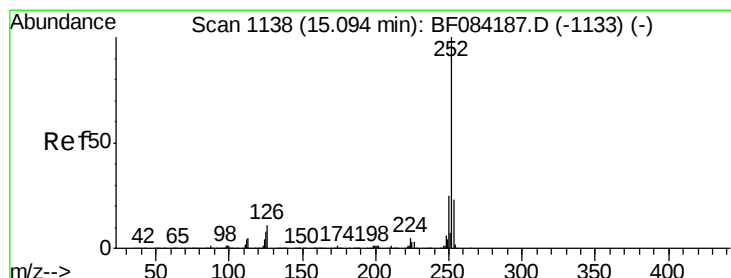
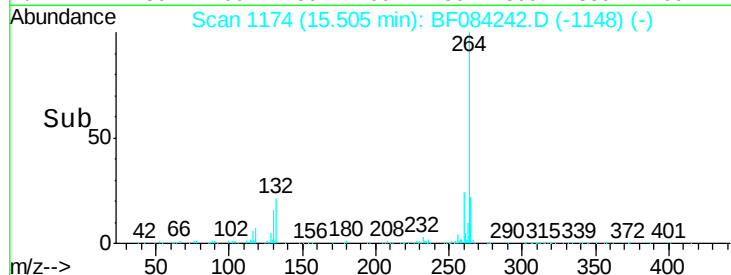
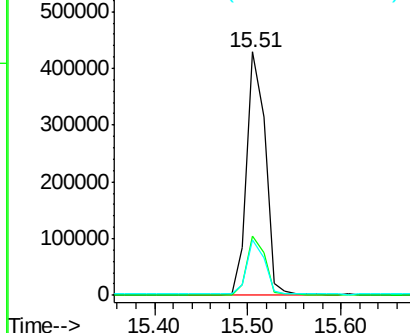
Tot Ion:	264	Resp:	592476
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.2
265	23.0	17.8	26.6

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 34.97 ng

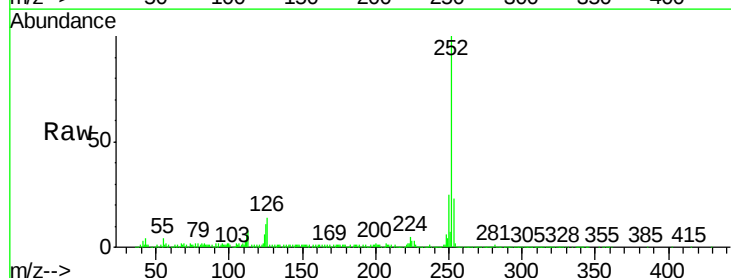
RT: 15.09 min Scan# 1138

Delta R.T. 0.00 min

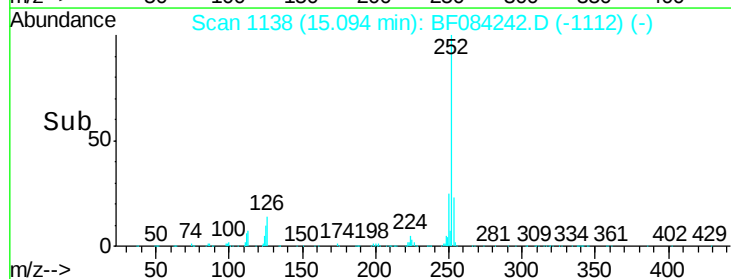
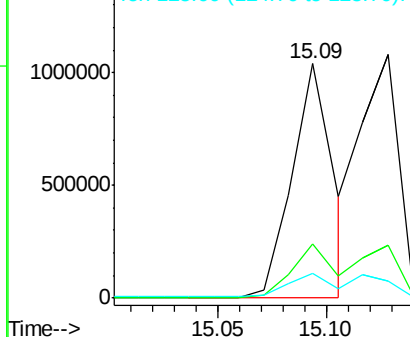
Lab File: BF084242.D

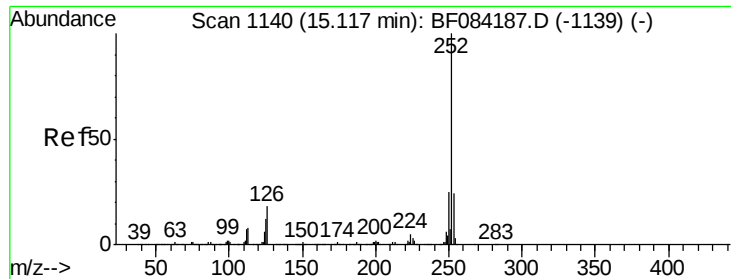
Acq: 4 Jan 2016 16:45

Tgt Ion:	252	Resp:	1355497
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.3	25.9
125	10.7	6.5	9.7#



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





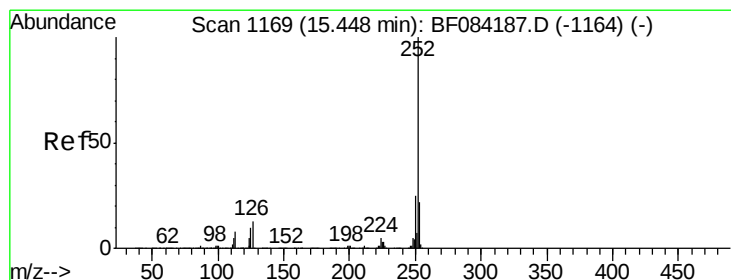
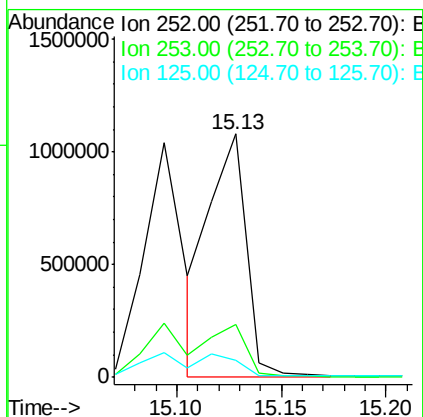
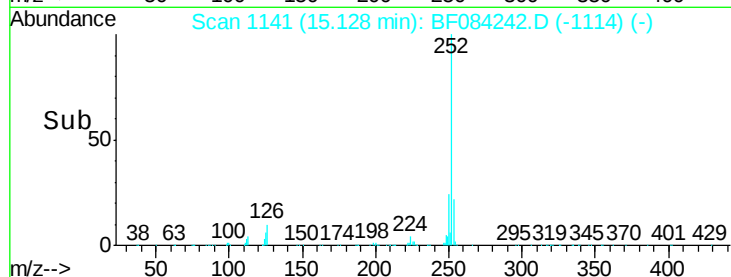
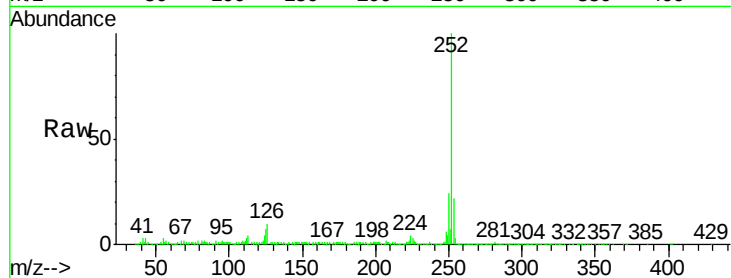
#88
Benzo(k)fluoranthene
Concen: 42.47 ng m
RT: 15.13 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	7.2	9.0	13.6

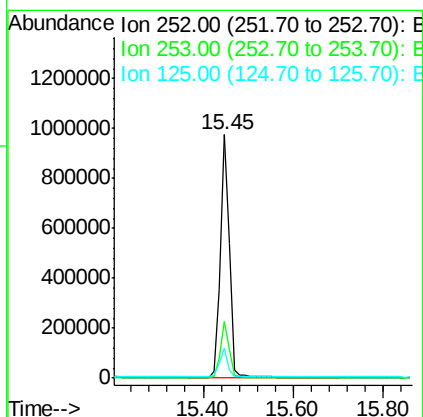
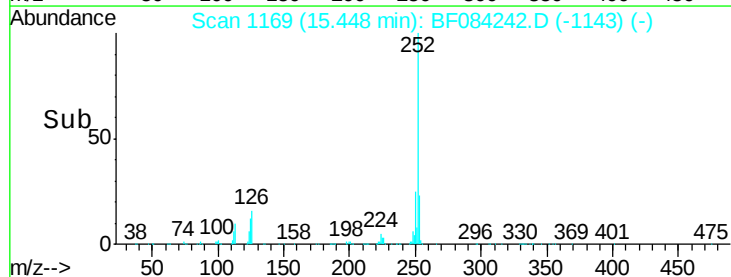
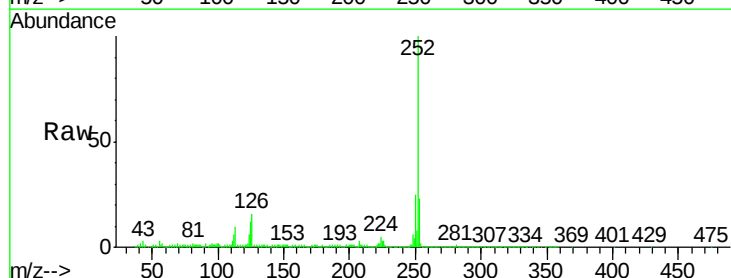
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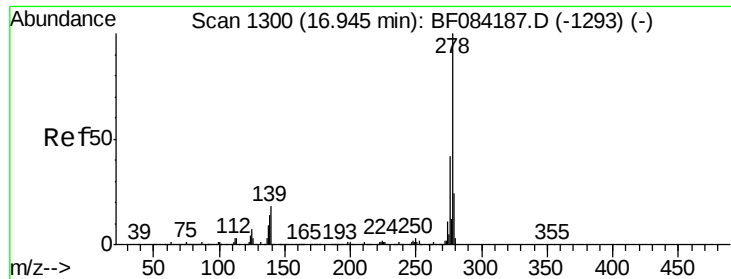
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#89
Benzo(a)pyrene
Concen: 41.30 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	12.3	7.0	10.4





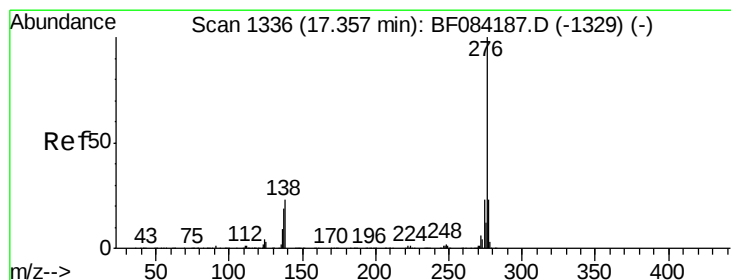
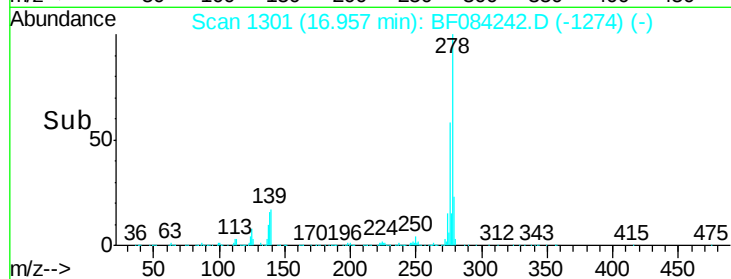
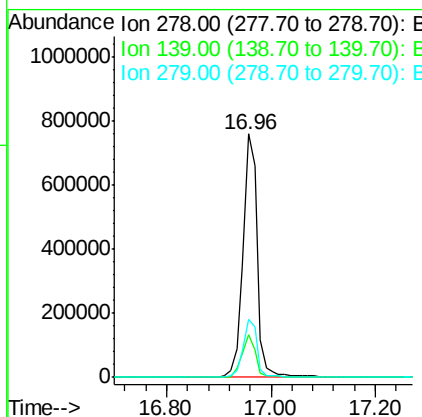
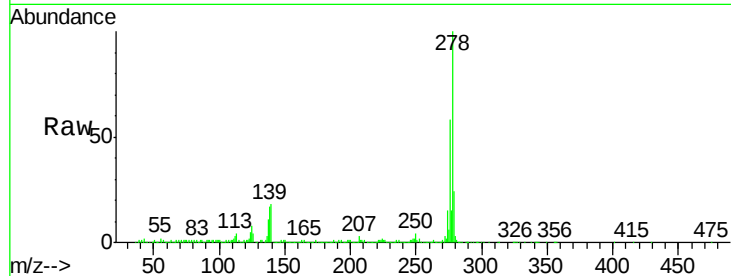
#90
Dibenzo(a,h)anthracene
Concen: 50.95 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.0	22.4
279	23.6	18.9	28.3

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 50.72 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	18.9	17.8	26.6

