

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084241.D
 Acq On : 4 Jan 2016 16:17
 Operator : UM/SJ
 Sample : G4981-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

Manual Integrations
 APPROVED

Sohil
 1/5/2016 1:26:44 PM

Quant Time: Jan 05 06:29:22 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	326282	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1259459	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	566572	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	898082	20.00	ng	0.00
75) Chrysene-d12	14.07	240	600483	20.00	ng	0.00
86) Perylene-d12	15.51	264	613026	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1075912	53.34	ng	0.01
7) Phenol-d6	6.53	99	888379	35.07	ng	0.00
23) Nitrobenzene-d5	7.46	82	1538929	68.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	565385	98.84	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2652792	82.16	ng	0.00
78) Terphenyl-d14	13.01	244	1779580	66.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	117222	12.27	ng	# 70
3) Pyridine	3.32	79	297199	11.15	ng	# 75
4) n-Nitrosodimethylamine	3.22	42	208935	15.28	ng	# 73
6) Aniline	6.57	93	572313	15.44	ng	# 83
8) 2-Chlorophenol	6.68	128	646275	28.24	ng	96
9) Benzaldehyde	6.43	77	138606	8.40	ng	91
10) Phenol	6.54	94	414324	14.38	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	714407	32.02	ng	# 81
12) 1,3-Dichlorobenzene	6.83	146	694908	29.43	ng	# 94
13) 1,4-Dichlorobenzene	6.91	146	732346	30.93	ng	95
14) 1,2-Dichlorobenzene	7.06	146	633508	27.94	ng	94
15) Benzyl Alcohol	7.04	79	497093	23.32	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1268771	31.22	ng	91
17) 2-Methylphenol	7.16	107	428474	22.34	ng	# 90
18) Hexachloroethane	7.40	117	330861	34.95	ng	# 89
19) n-Nitroso-di-n-propylamine	7.31	70	574036	33.47	ng	# 66
20) 3+4-Methylphenols	7.32	107	510274	22.63	ng	90
22) Acetophenone	7.31	105	1203664	39.74	ng	# 97
24) Nitrobenzene	7.48	77	931002	40.56	ng	97
25) Isophorone	7.72	82	1470661	33.98	ng	98
26) 2-Nitrophenol	7.80	139	370522	35.47	ng	95
27) 2,4-Dimethylphenol	7.85	122	692491	32.75	ng	92
28) bis(2-Chloroethoxy)methane	7.94	93	986202	37.30	ng	# 91
29) 2,4-Dichlorophenol	8.04	162	540817	30.71	ng	95
30) 1,2,4-Trichlorobenzene	8.12	180	633554	34.84	ng	96
31) Naphthalene	8.20	128	2017341	35.30	ng	98
32) Benzoic acid	7.96	122	174574	17.41	ng	90
33) 4-Chloroaniline	8.26	127	209515	8.00	ng	96
34) Hexachlorobutadiene	8.32	225	347984	33.29	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	638986	32.39	ng	99
37) 2-Methylnaphthalene	8.90	142	1527191	37.23	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	554115	34.02	ng	# 95
40) Hexachlorocyclopentadiene	9.05	237	603282	61.36	ng	97
42) 2,4,6-Trichlorophenol	9.18	196	404277	33.18	ng	94

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Quant Time: Jan 05 06:29:22 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	390623	33.44	nq	# 89
45) 1,1'-Biphenyl	9.37	154	1676941	37.24	nq	95
46) 2-Chloronaphthalene	9.39	162	1323997	37.43	nq	# 88
47) 2-Nitroaniline	9.48	65	418019	35.81	nq	93
48) Acenaphthylene	9.80	152	1850795	35.42	nq	96
49) Dimethylphthalate	9.68	163	1670252	41.24	nq	# 91
50) 2,6-Dinitrotoluene	9.73	165	348605	39.24	nq	95
51) Acenaphthene	9.97	154	1398629	39.90	nq	97
52) 3-Nitroaniline	9.90	138	115149	10.46	nq	# 75
53) 2,4-Dinitrophenol	10.00	184	235622	63.05	nq	# 73
54) Dibenzofuran	10.14	168	1642895	35.57	nq	# 89
55) 4-Nitrophenol	10.09	139	198217	24.81	nq	# 65
56) 2,4-Dinitrotoluene	10.12	165	445952	39.66	nq	# 77
57) Fluorene	10.49	166	1267525	35.61	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	322838	32.37	nq	# 94
59) Diethylphthalate	10.36	149	1393478	34.89	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	601405	39.67	nq	# 85
61) 4-Nitroaniline	10.51	138	166525	16.97	nq	99
62) Azobenzene	10.64	77	1508151	34.43	nq	85
64) 4,6-Dinitro-2-methylphenol	10.53	198	192136	35.13	nq	83
65) n-Nitrosodiphenylamine	10.60	169	1128211	39.29	nq	98
66) 4-Bromophenyl-phenylether	10.97	248	382757	39.60	nq	# 69
67) Hexachlorobenzene	11.04	284	452951	41.63	nq	99
68) Atrazine	11.17	200	221378	23.56	nq	97
69) Pentachlorophenol	11.24	266	406109	71.99	nq	100
70) Phenanthrene	11.45	178	1716959	36.55	nq	95
71) Anthracene	11.50	178	1933054	41.98	nq	98
72) Carbazole	11.66	167	1425584	31.67	nq	98
73) Di-n-butylphthalate	12.00	149	1962420	39.78	nq	# 96
74) Fluoranthene	12.64	202	1489085	30.34	nq	99
77) Pyrene	12.87	202	1499917	31.83	nq	98
79) Butylbenzylphthalate	13.49	149	683574	33.52	nq	97
80) Benzo(a)anthracene	14.05	228	1251660	35.50	nq	99
82) Chrysene	14.09	228	1038734	30.66	nq	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	853052	33.11	nq	# 95
84) Di-n-octyl phthalate	14.66	149	1492103	34.31	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.93	276	1631952	60.76	nq	99
87) Benzo(b)fluoranthene	15.09	252	1407170m	35.09	nq	
88) Benzo(k)fluoranthene	15.12	252	1136245m	34.65	nq	
89) Benzo(a)pyrene	15.45	252	1284730	37.77	nq	# 97
90) Dibenzo(a,h)anthracene	16.96	278	1331321	45.49	nq	# 95
91) Benzo(g,h,i)perylene	17.37	276	1389184	45.83	nq	98

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

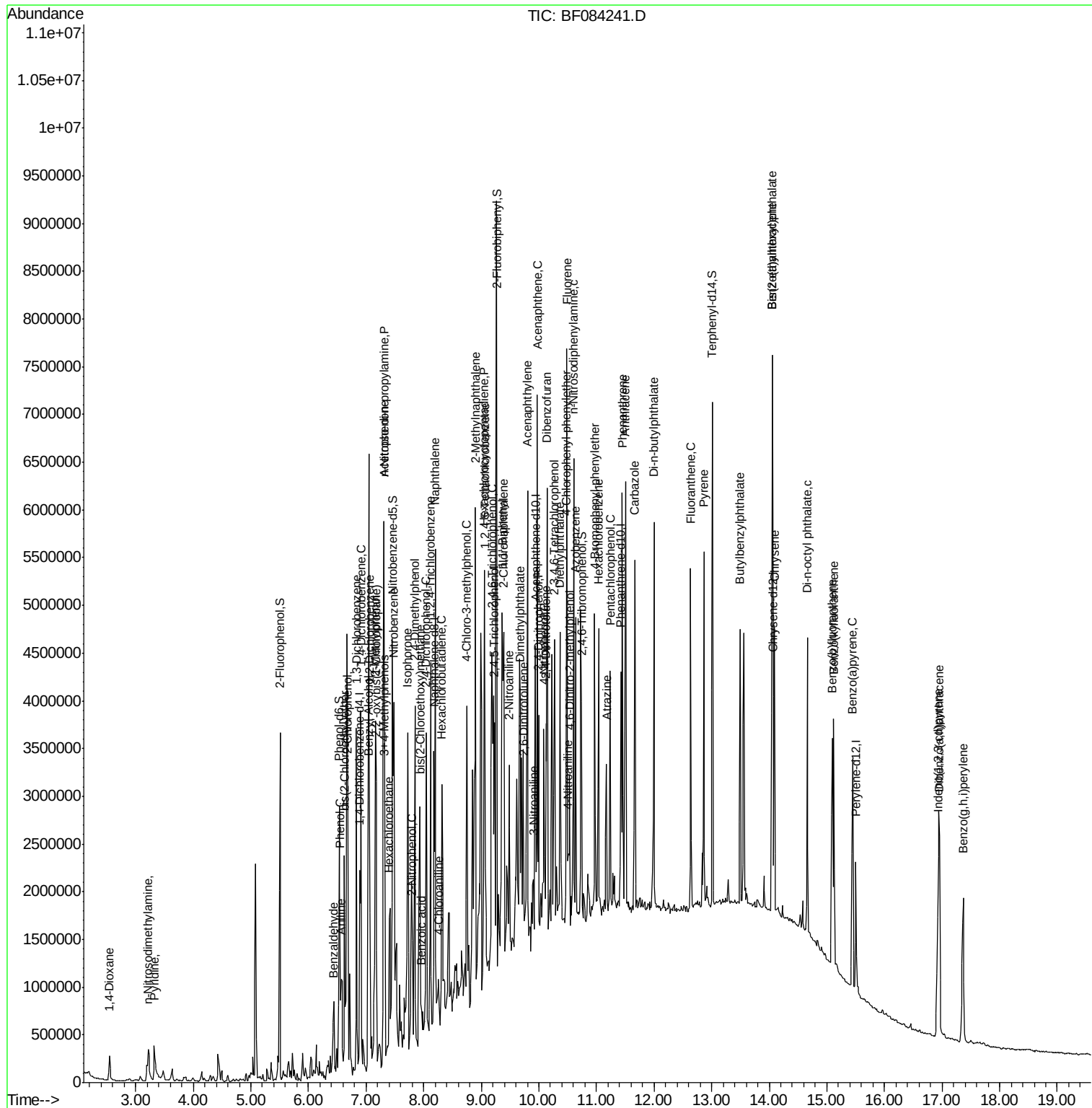
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
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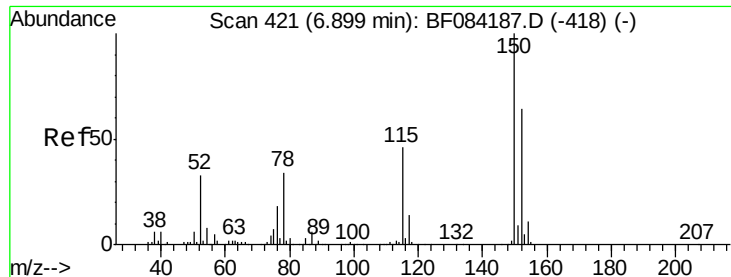
Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

Manual Integrations
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#1

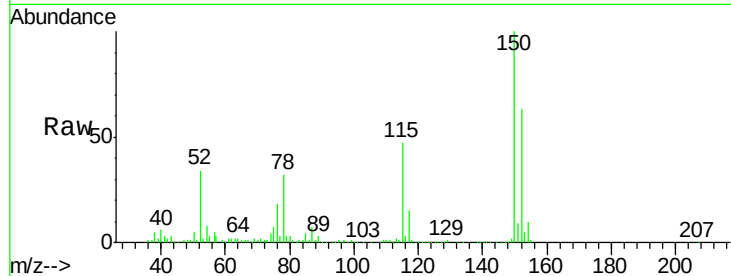
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	123.0	184.4
115	74.3	51.4	77.2

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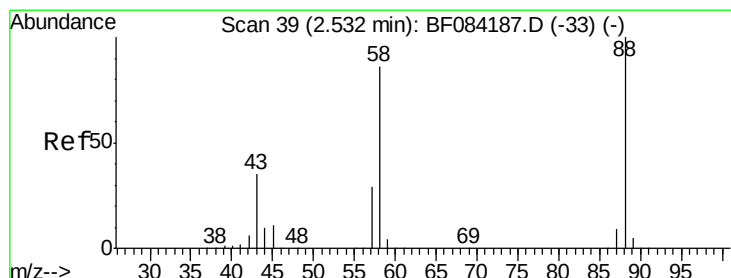
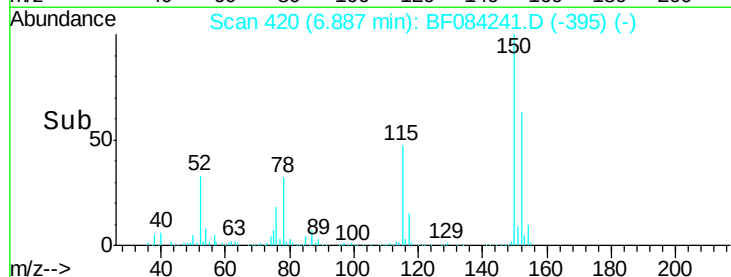
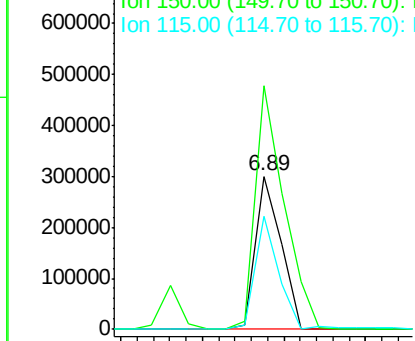


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

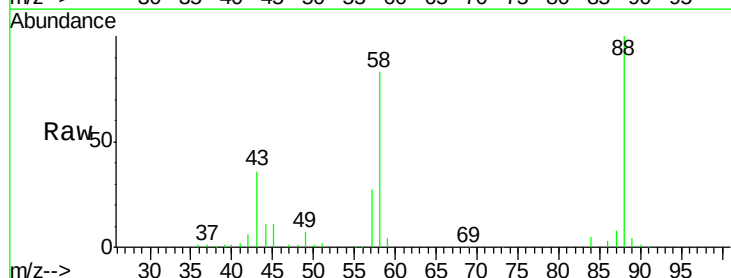
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 12.27 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.9	51.2	76.8#
43	36.9	19.5	29.3#

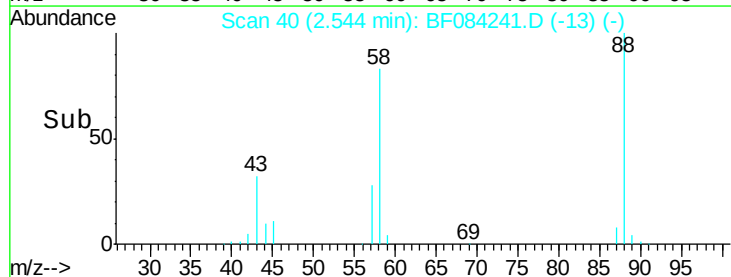
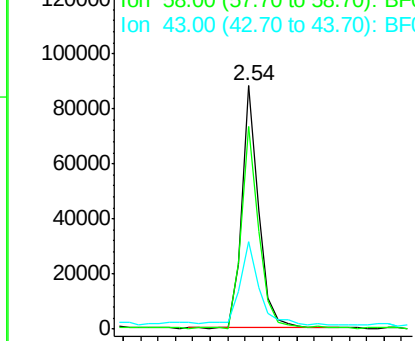


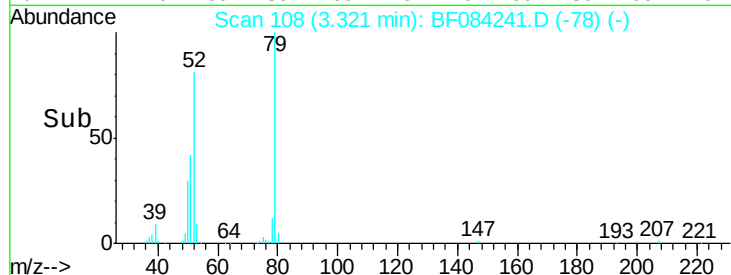
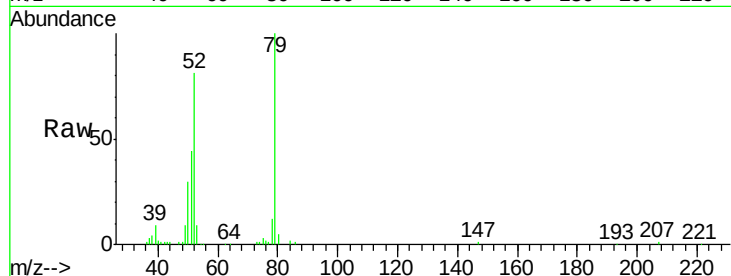
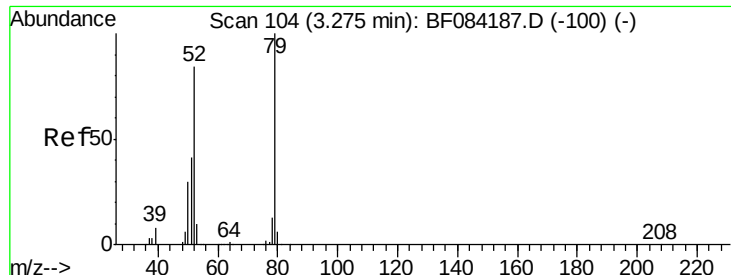
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





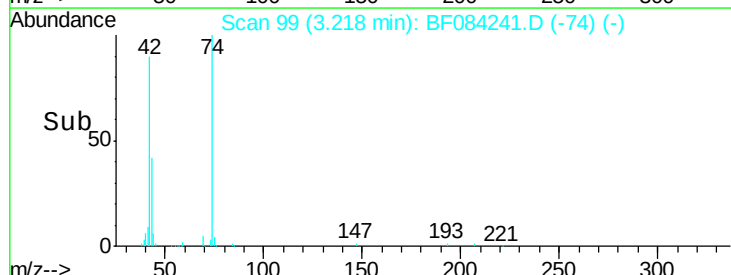
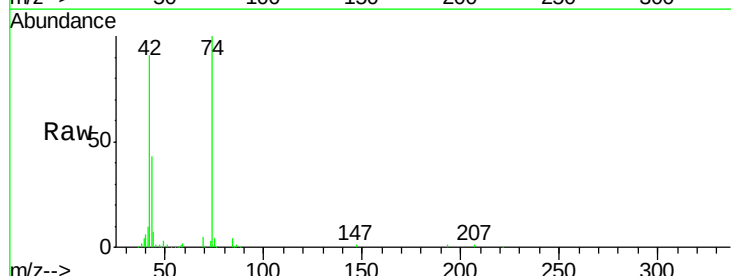
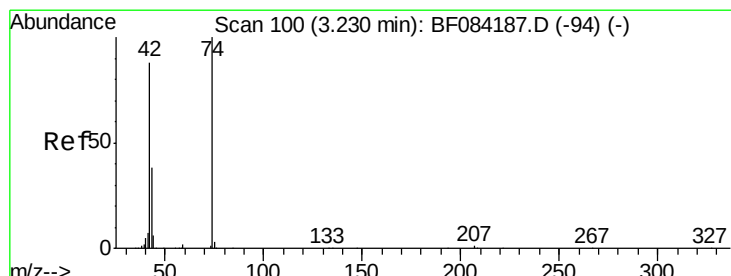
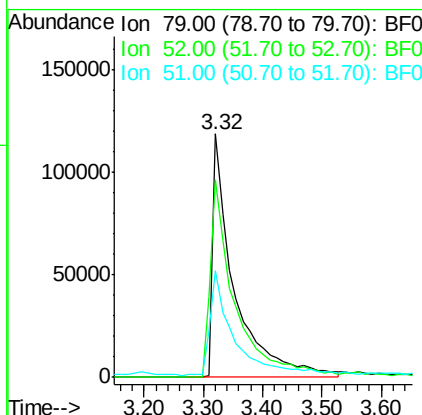
#3
Pvridine
Concen: 11.15 ng
RT: 3.32 min Scan# 108
Delta R.T. 0.05 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.9	49.0	73.4#
51	43.7	25.2	37.8#

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

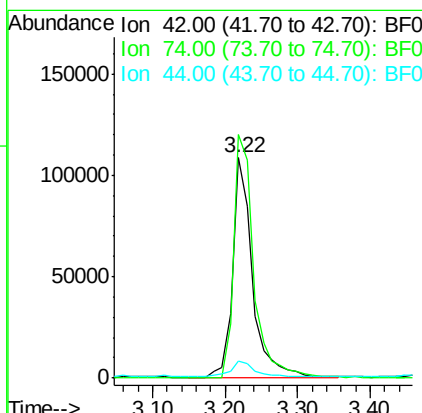
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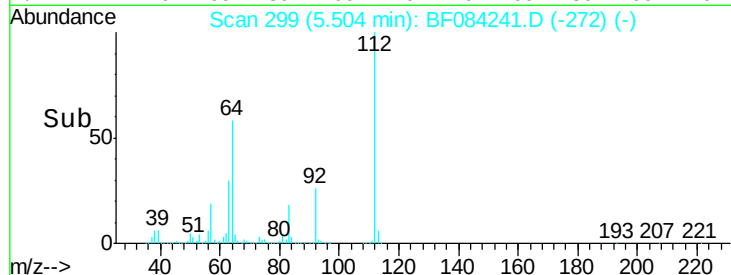
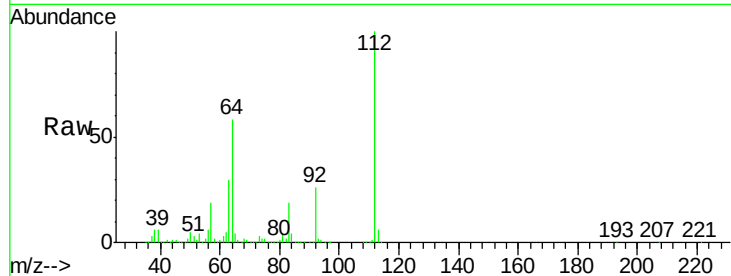
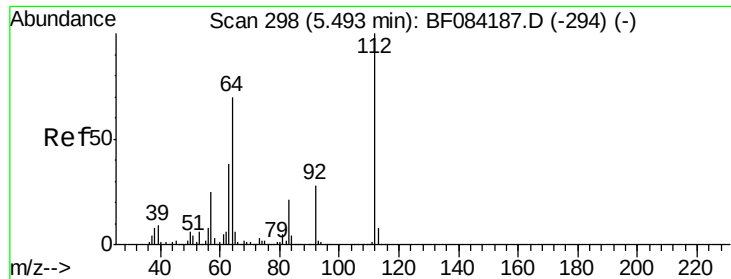
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#4
n-Nitrosodimethylamine
Concen: 15.28 ng
RT: 3.22 min Scan# 99
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.4	115.7	173.5#
44	7.8	5.1	7.7#





#5

2-Fluorophenol

Concen: 53.34 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084241.D

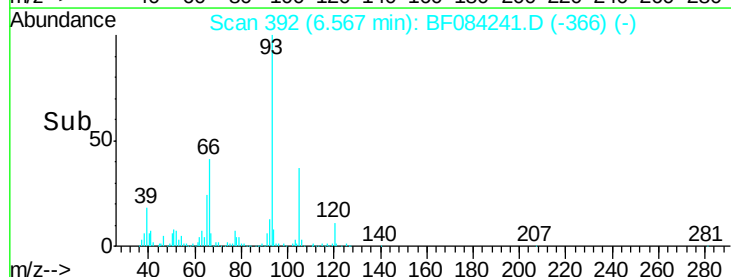
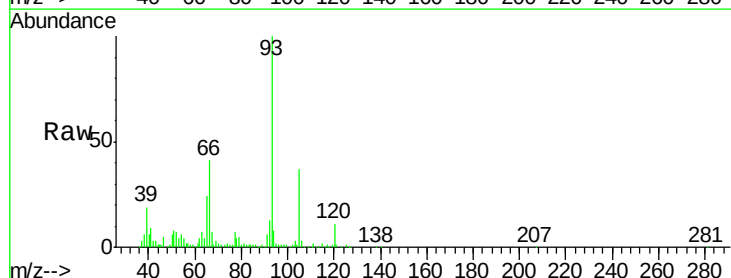
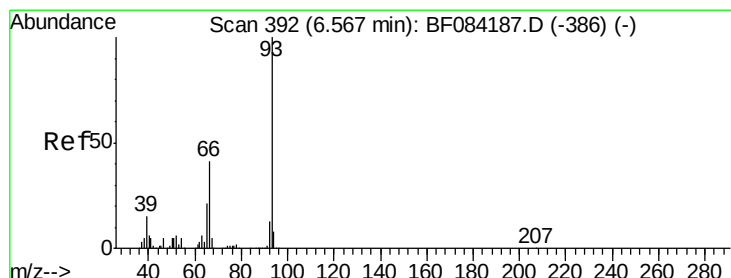
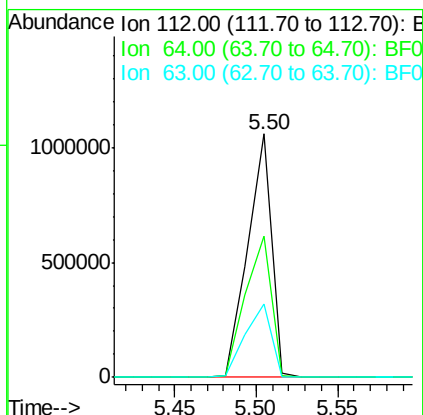
Acq: 4 Jan 2016 16:17

Tot Ion:	112	Resp:	1075912
Ion Ratio	Lower	Upper	
112	100		
64	58.3	36.6	55.0#
63	30.1	19.4	29.0#

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Manual Integrations
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#6

Aniline

Concen: 15.44 ng

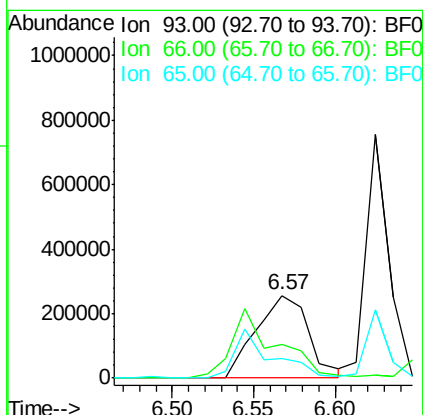
RT: 6.57 min Scan# 392

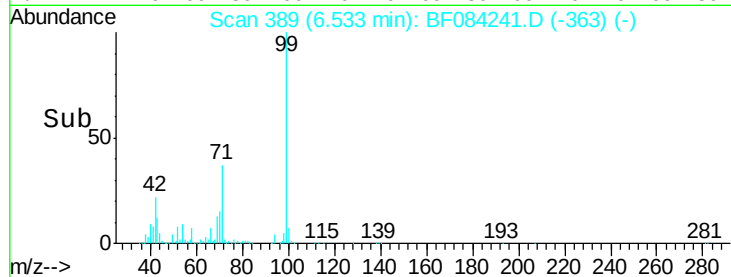
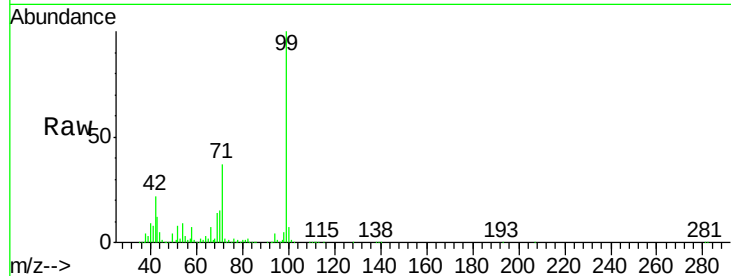
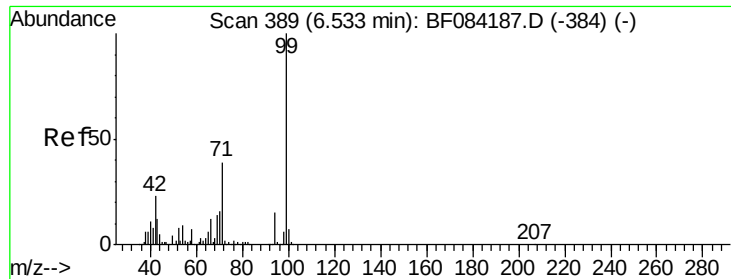
Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion:	93	Resp:	572313
Ion Ratio	Lower	Upper	
93	100		
66	41.4	44.9	67.3#
65	23.8	23.7	35.5





#7

Phenol-d6

Concen: 35.07 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		888379		
42	21.8	12.8	19.2#		
71	36.6	30.9	46.3		

Instrument :

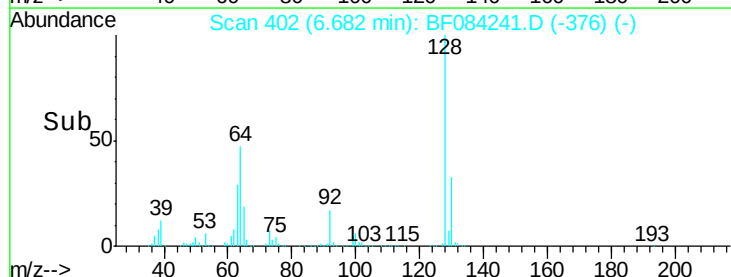
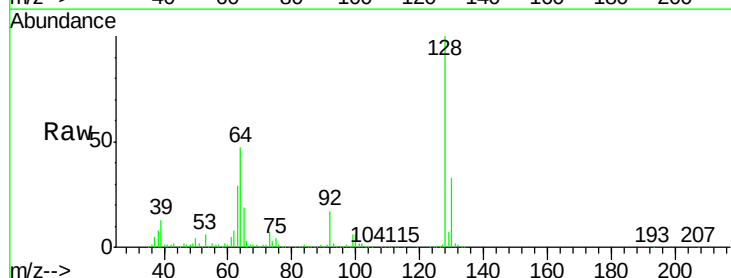
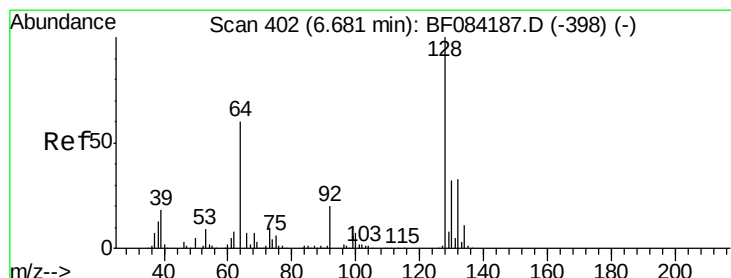
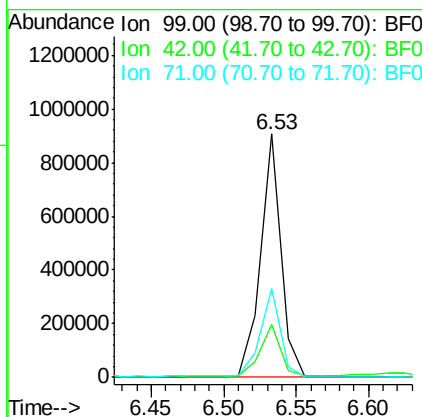
BNA_F

ClientSampleId :

S8-0529MS

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#8

2-Chlorophenol

Concen: 28.24 ng

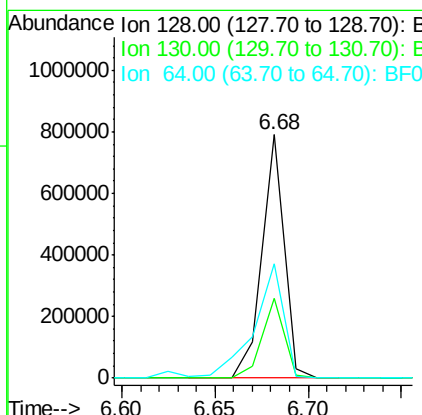
RT: 6.68 min Scan# 402

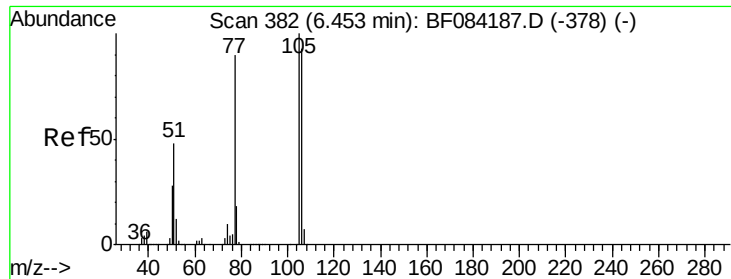
Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		646275		
130	32.9	11.6	51.6		
64	46.9	23.8	63.8		





#9

Benzaldehyde

Concen: 8.40 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

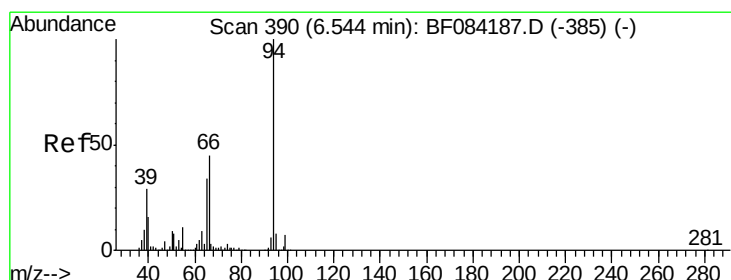
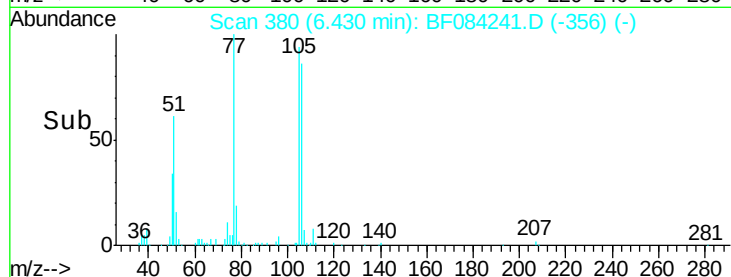
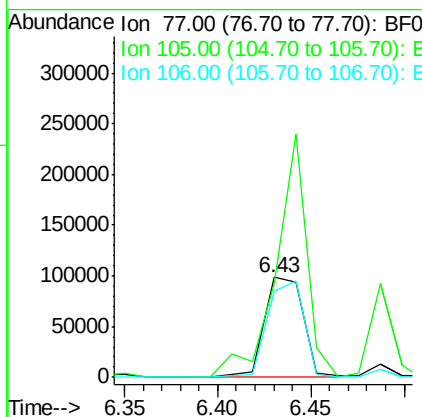
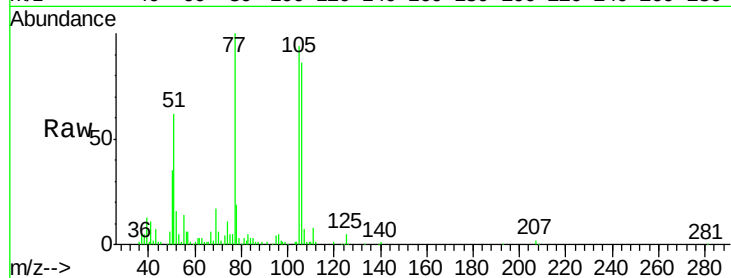
ClientSampleId :

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Tot Ion:	77	Resp:	138606
Ion Ratio	Lower	Upper	
77	100		
105	93.9	83.0	123.0
106	85.7	74.6	114.6

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#10

Phenol

Concen: 14.38 ng

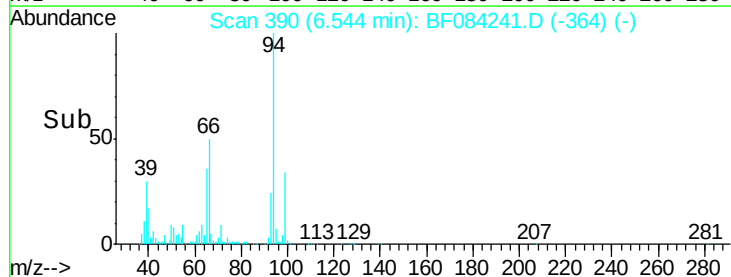
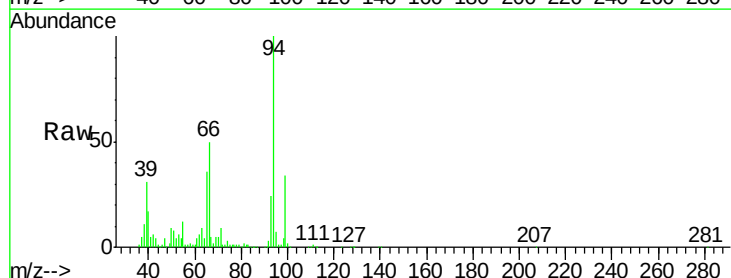
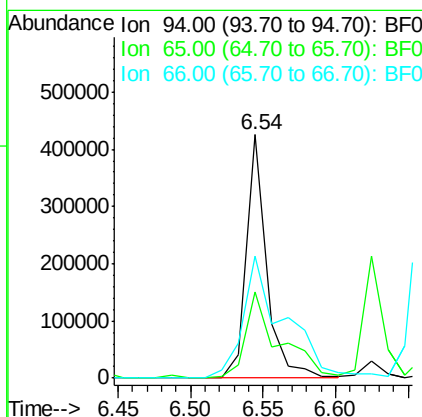
RT: 6.54 min Scan# 390

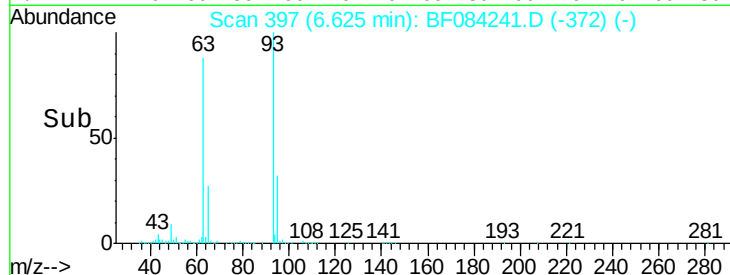
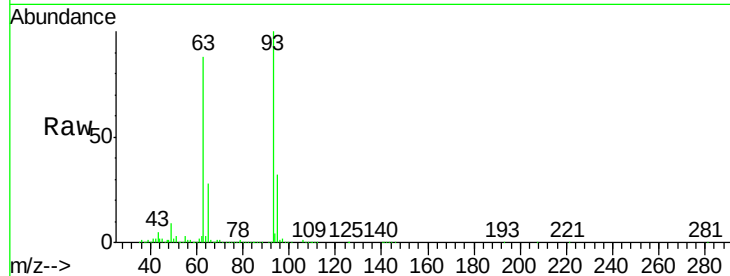
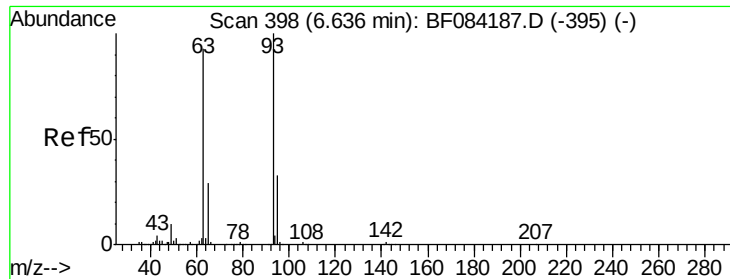
Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion:	94	Resp:	414324
Ion Ratio	Lower	Upper	
94	100		
65	35.6	12.9	52.9
66	50.3	32.7	72.7





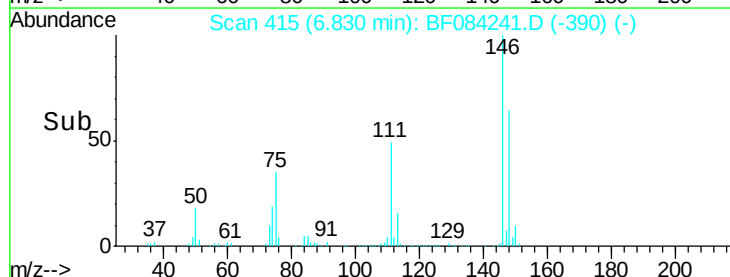
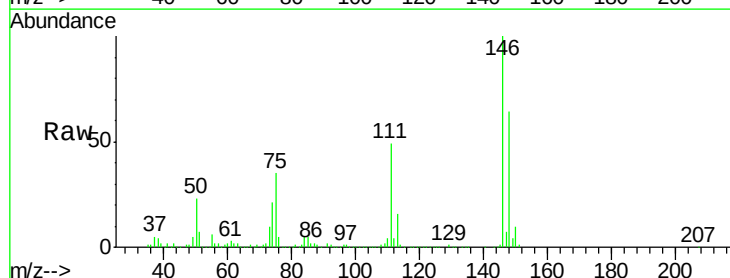
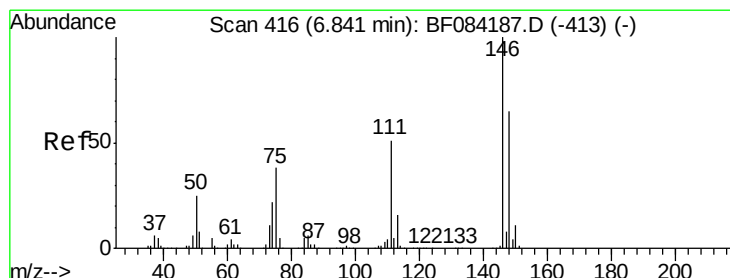
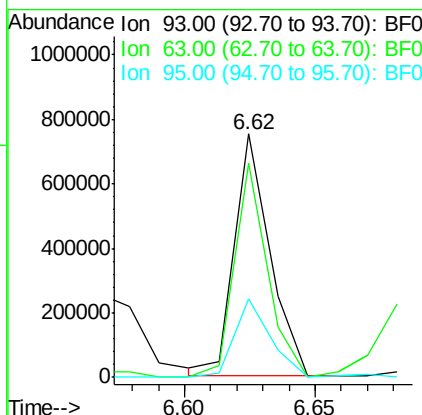
#11
bis(2-Chloroethyl)ether
Concen: 32.02 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.2	45.9	85.9#
95	32.1	12.3	52.3

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

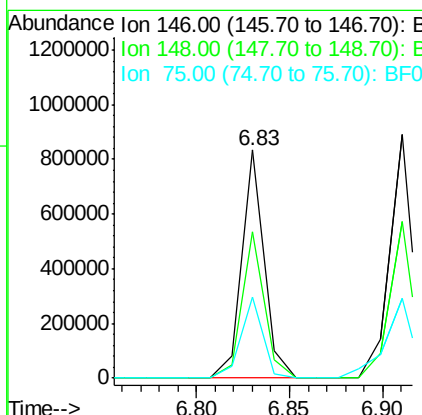
Manual Integrations
APPROVED

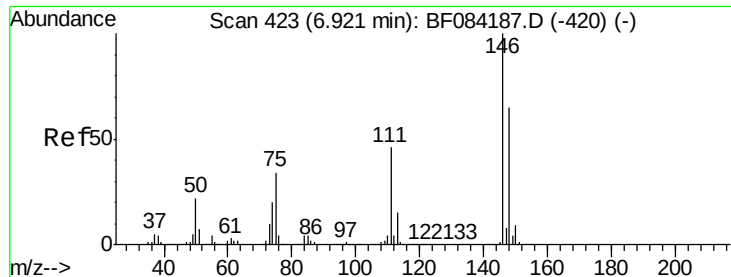
Sohil
1/5/2016 1:26:44 PM



#12
1,3-Dichlorobenzene
Concen: 29.43 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
75	35.4	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 30.93 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

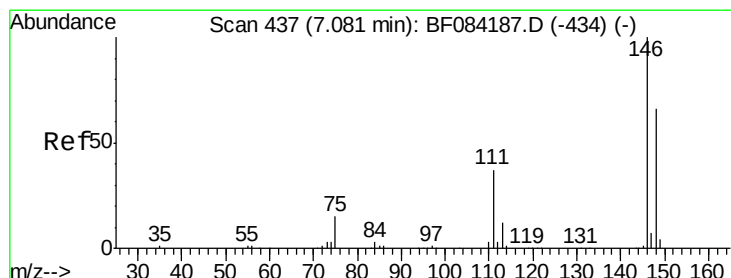
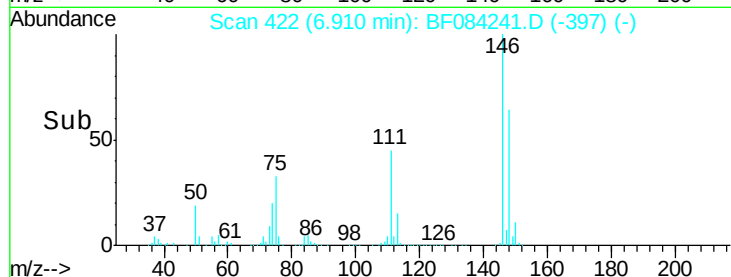
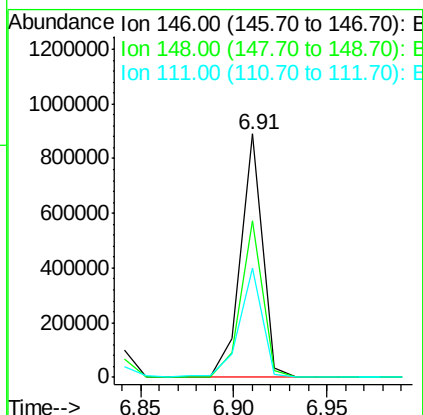
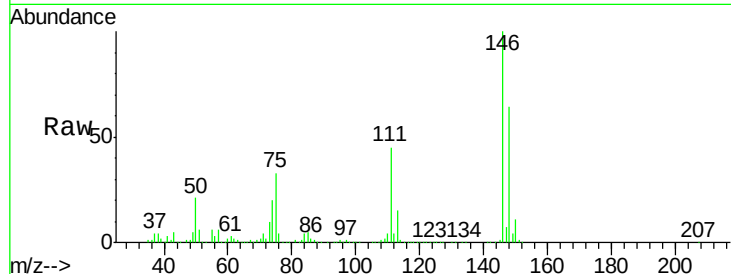
ClientSampleId :

S8-0529MS

Tot Ion:	146	Resp:	732346
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.9	77.9
111	45.1	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 27.94 ng

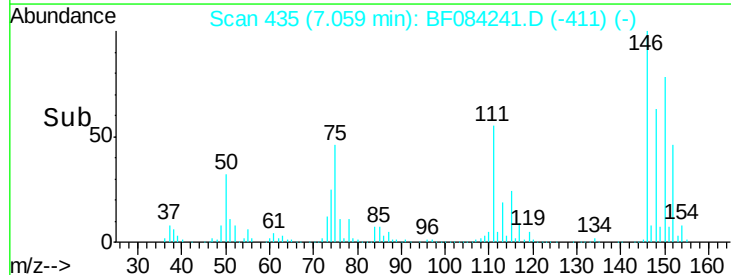
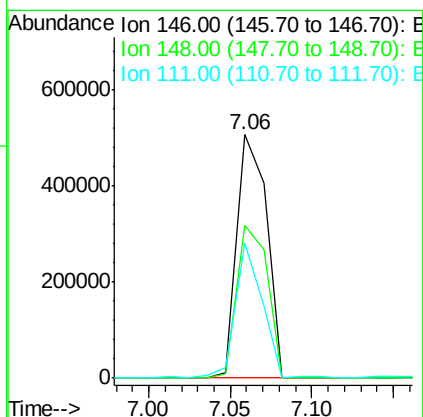
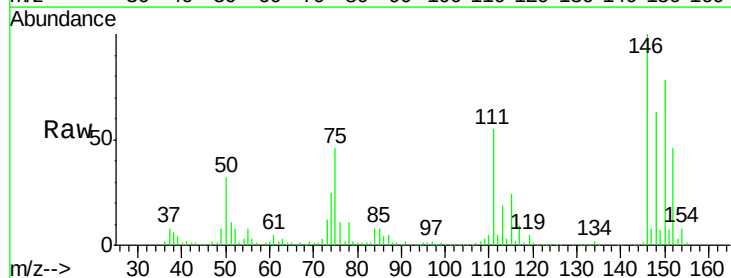
RT: 7.06 min Scan# 435

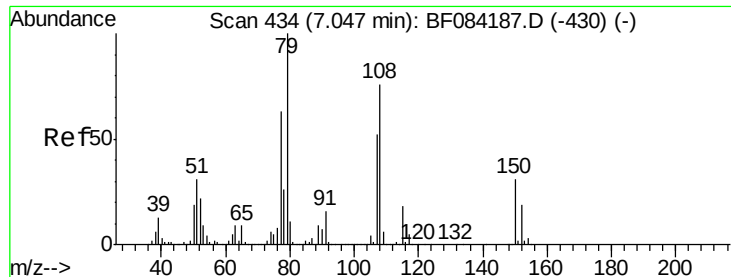
Delta R.T. -0.02 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion:	146	Resp:	633508
Ion Ratio	Lower	Upper	
146	100		
148	62.6	51.6	77.4
111	55.1	38.0	57.0





#15

Benzyl Alcohol

Concen: 23.32 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

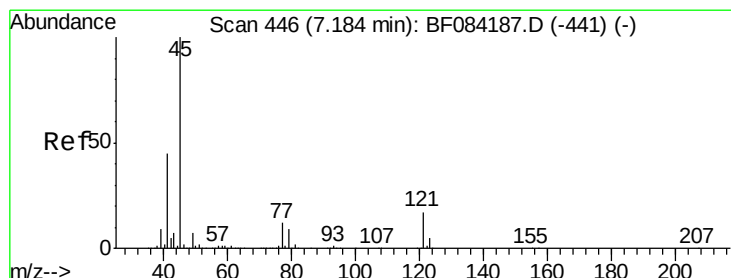
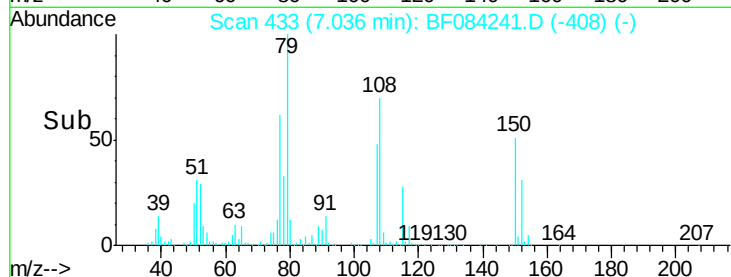
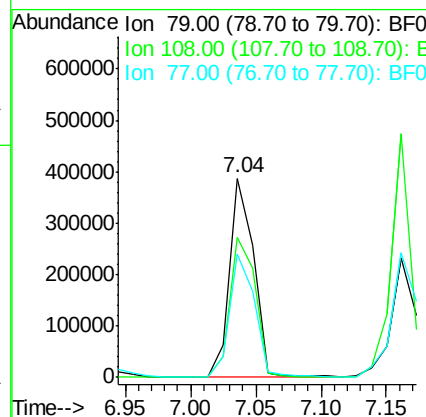
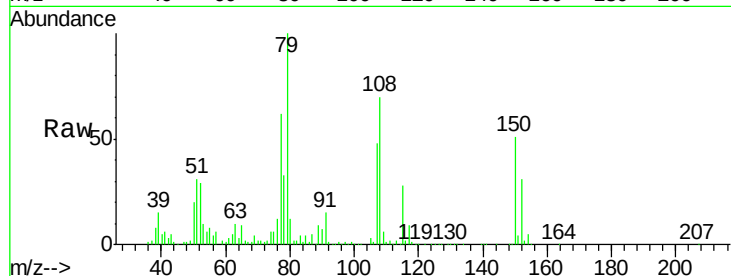
ClientSampleId :

S8-0529MS

Tot Ion:	79	Resp:	497093
Ion Ratio	Lower	Upper	
79	100		
108	70.1	69.0	103.4
77	61.7	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.22 ng

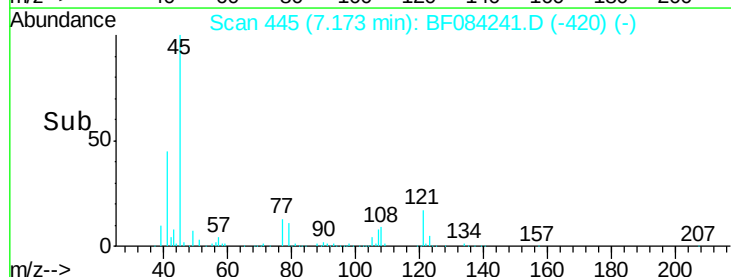
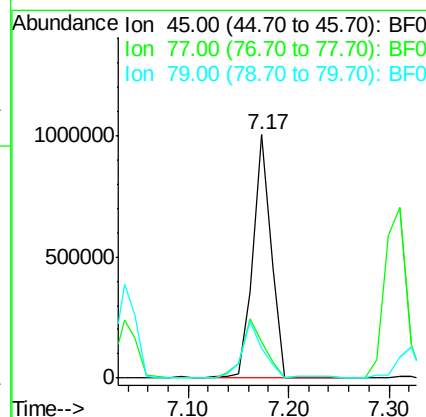
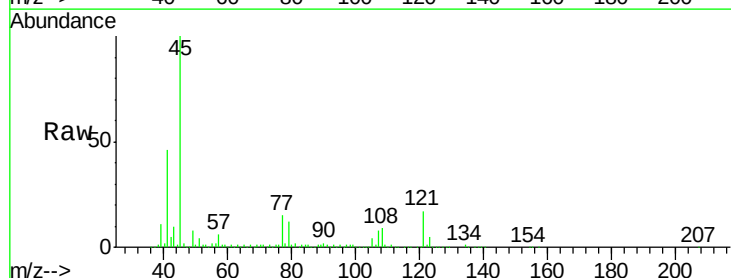
RT: 7.17 min Scan# 445

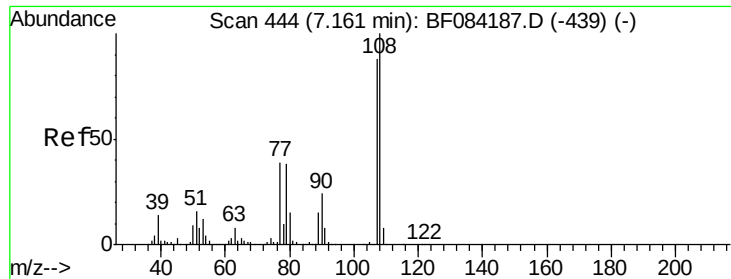
Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion:	45	Resp:	1268771
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	39.6
79	12.0	0.0	35.0





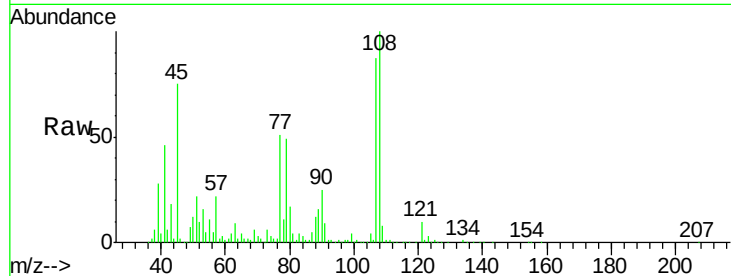
#17
2-Methylphenol
Concen: 22.34 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	428474		
108	114.6	89.8	134.6	
77	58.6	35.7	53.5#	
79	56.2	35.7	53.5#	

Manual Integrations
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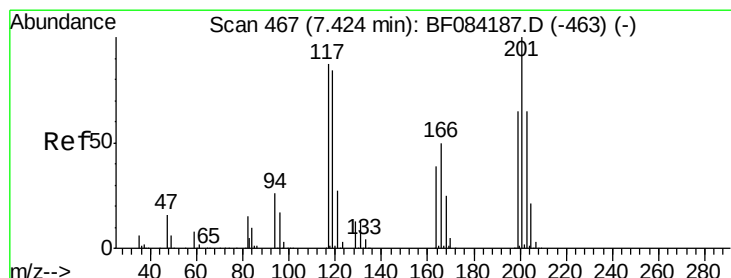
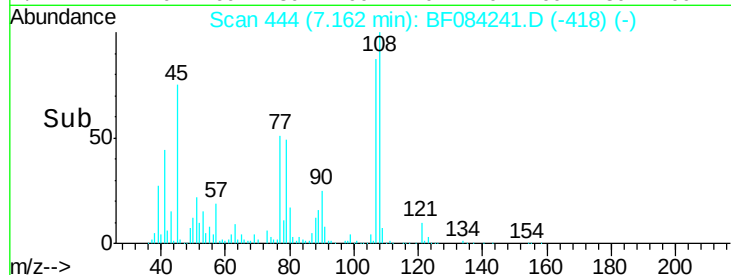
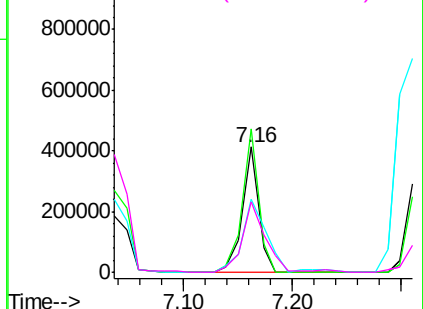
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

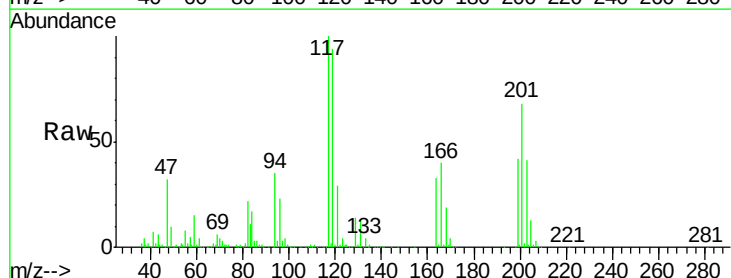
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 34.95 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	330861		
119	93.7	77.4	116.0	
201	67.5	68.6	103.0#	

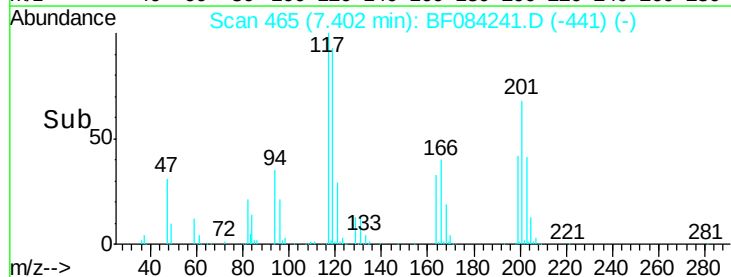
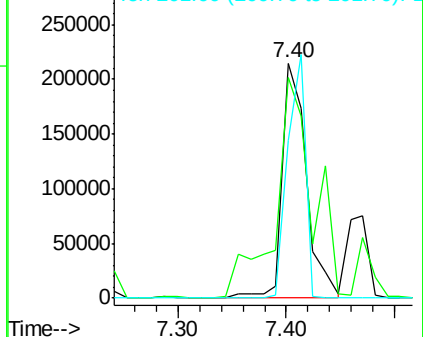


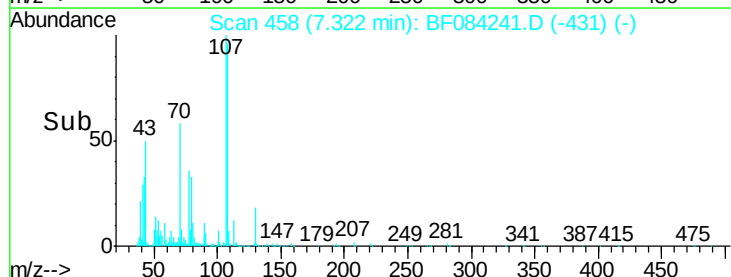
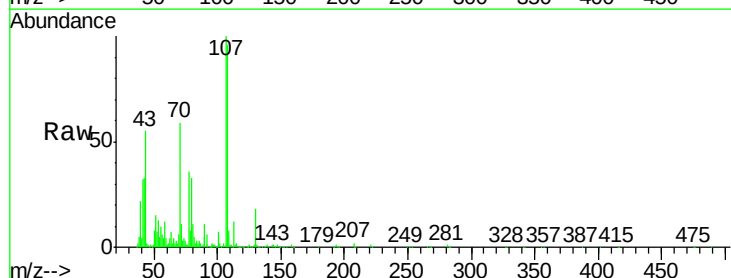
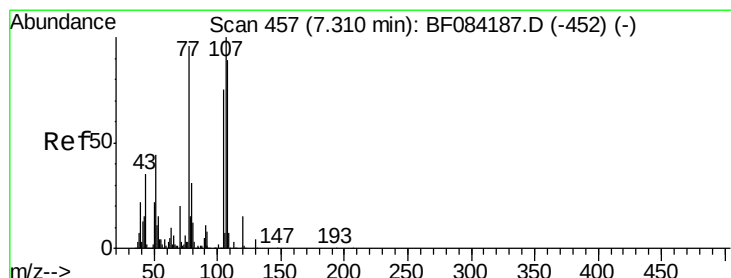
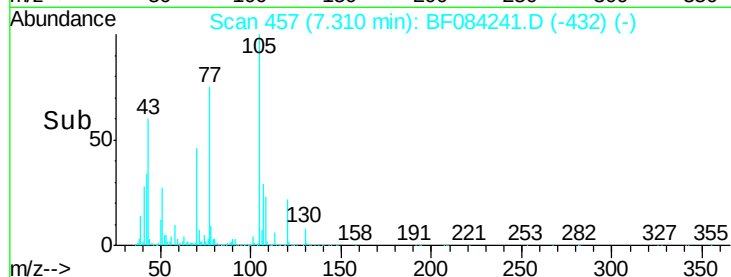
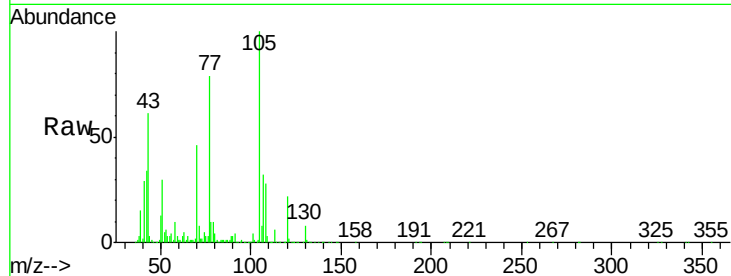
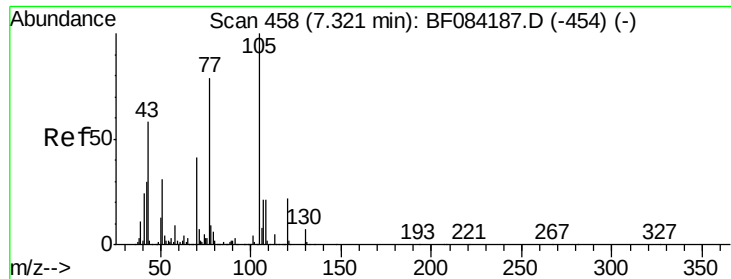
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





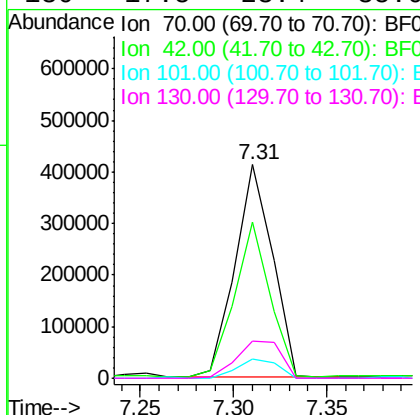
#19
n-Nitroso-di-n-propylamine
Concen: 33.47 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.4	33.3	49.9#	
101	8.8	9.3	13.9#	
130	17.5	23.4	35.0#	

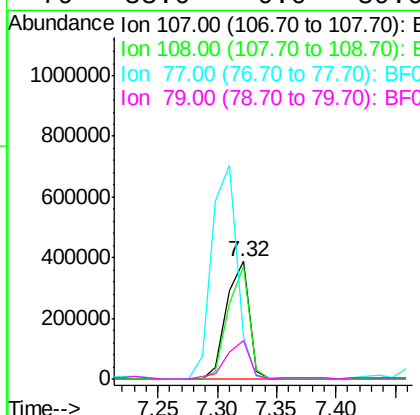
Manual Integrations
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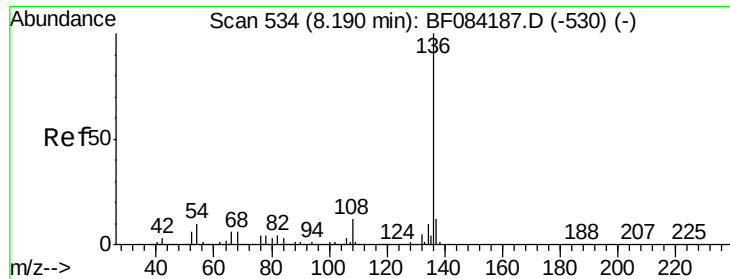
Sohil
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#20
3+4-Methylphenols
Concen: 22.63 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.7	74.6	114.6	
77	35.7	0.7	40.7	
79	33.0	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: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion:136 Resp: 1259459

Ion Ratio Lower Upper

136 100

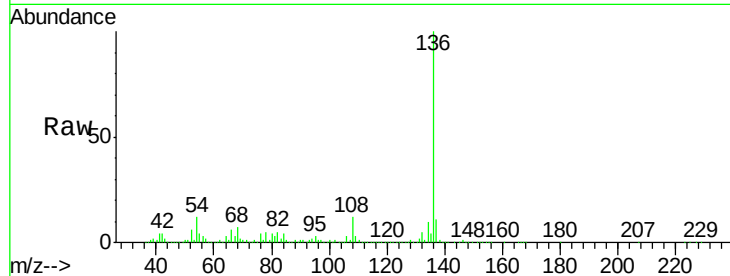
137 11.4 8.7 13.1

54 11.6 5.8 8.8#

68 7.2 4.2 6.2#

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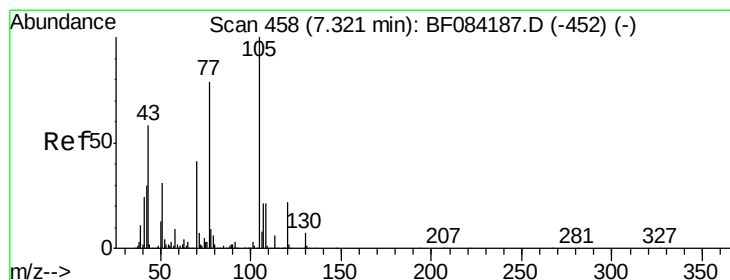
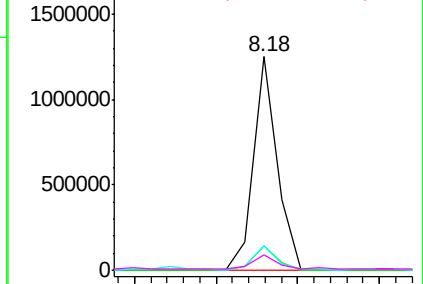
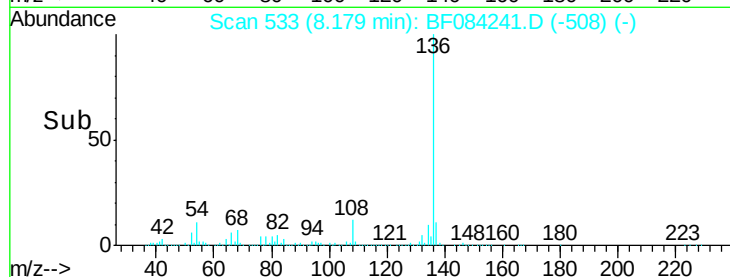


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.74 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion:105 Resp: 1203664

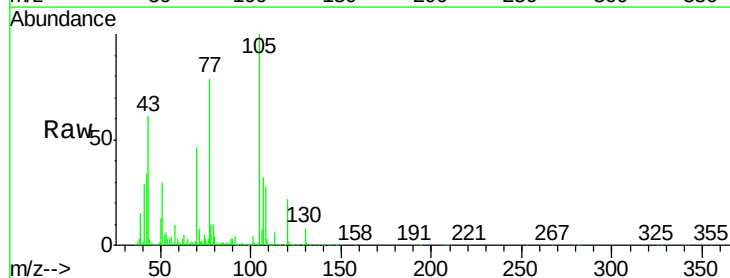
Ion Ratio Lower Upper

105 100

71 8.1 3.7 5.5#

51 29.8 25.1 37.7

120 21.9 16.6 25.0

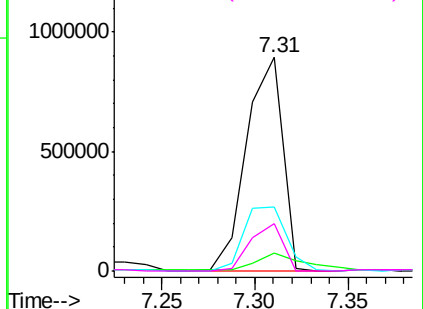
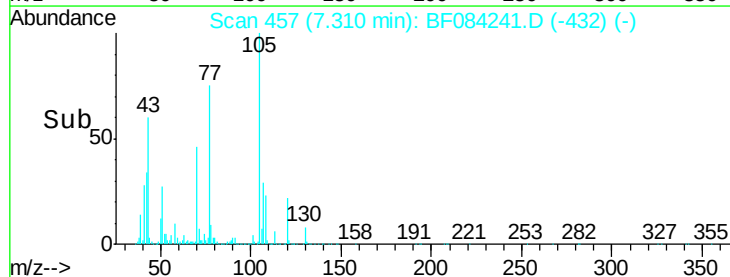


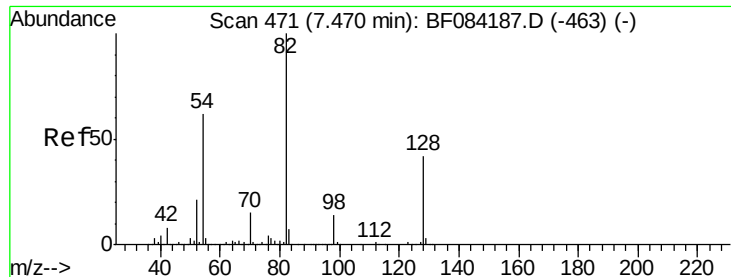
Abundance Ion 105.00 (104.70 to 105.70): E

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





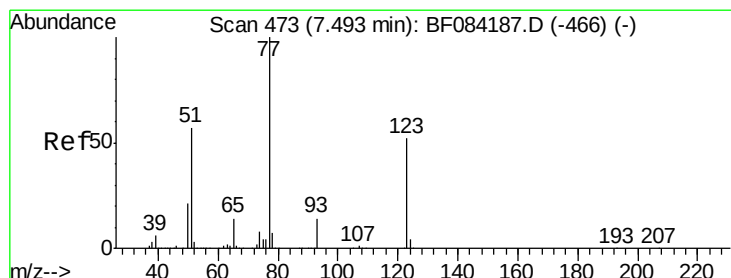
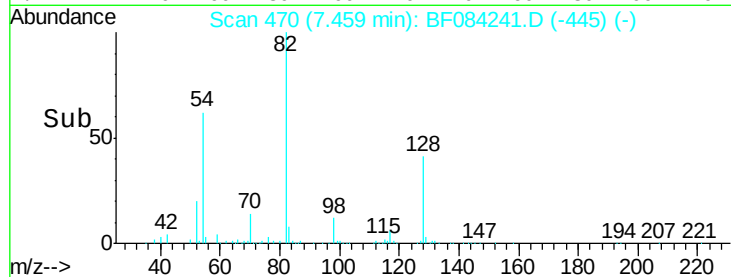
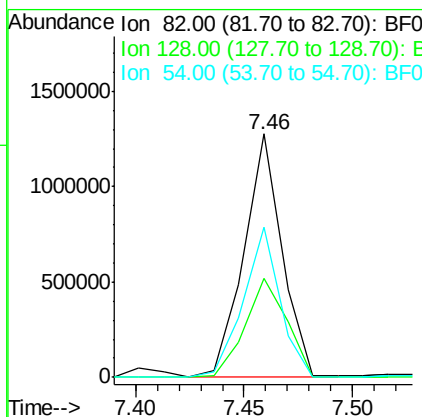
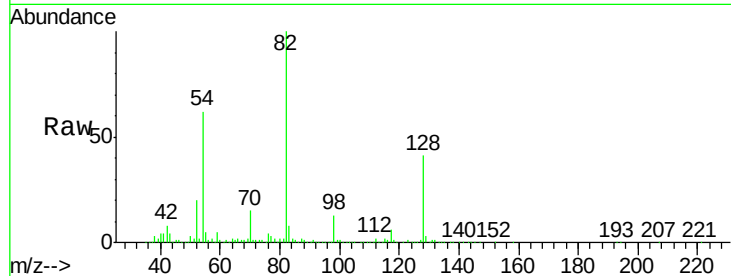
#23
Nitrobenzene-d5
Concen: 68.00 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	51.8
54	61.7	38.4	57.6

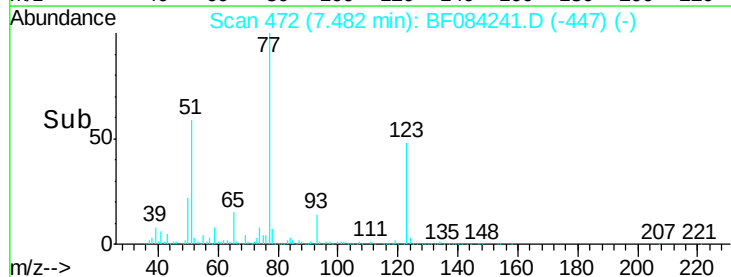
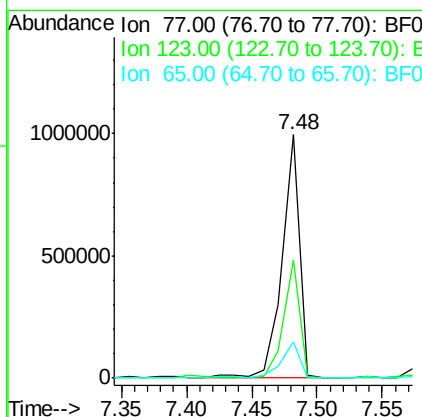
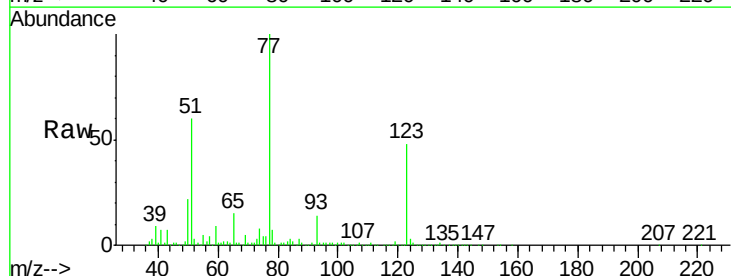
Manual Integrations
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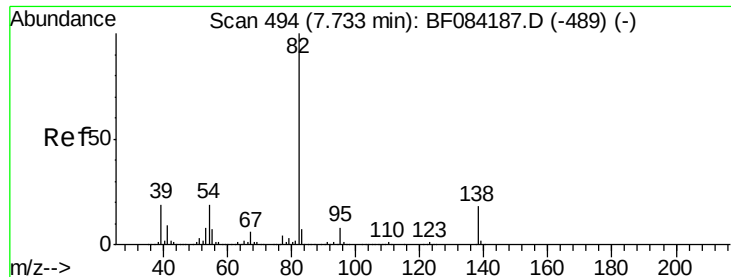
Sohil
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#24
Nitrobenzene
Concen: 40.56 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.4	56.2
65	14.8	10.9	16.3





#25

Isophorone

Concen: 33.98 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion: 82 Resp: 1470661

Ion Ratio Lower Upper

82 100

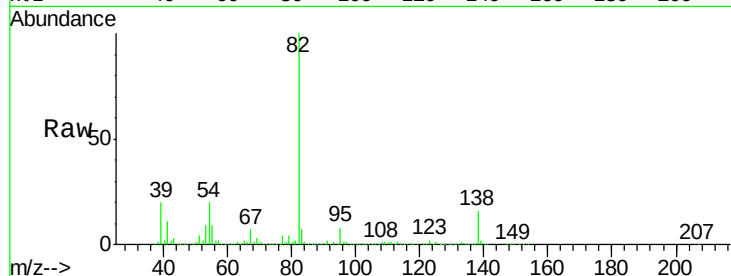
95 8.4 6.6 10.0

138 15.8 13.6 20.4

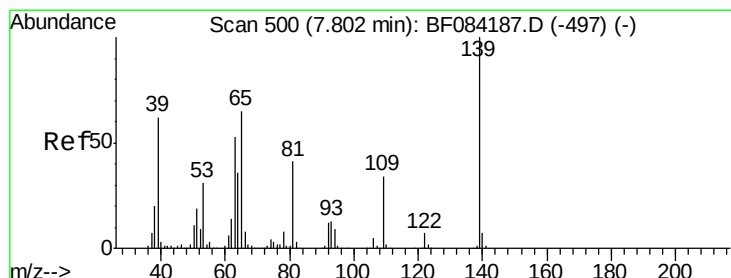
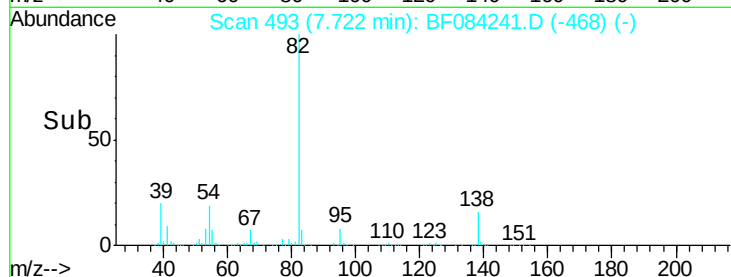
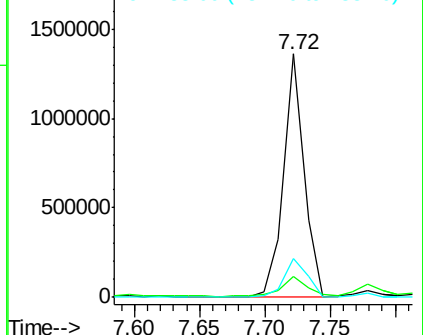
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.47 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

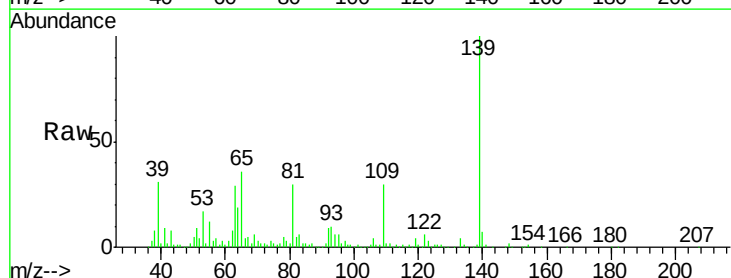
Tgt Ion: 139 Resp: 370522

Ion Ratio Lower Upper

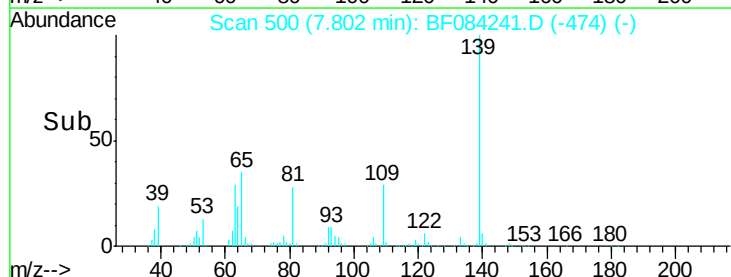
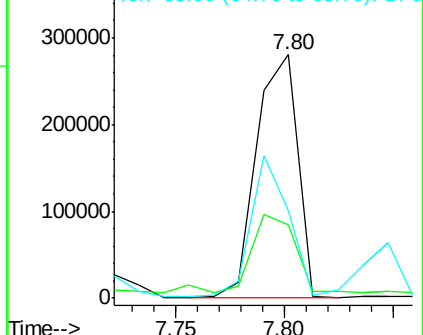
139 100

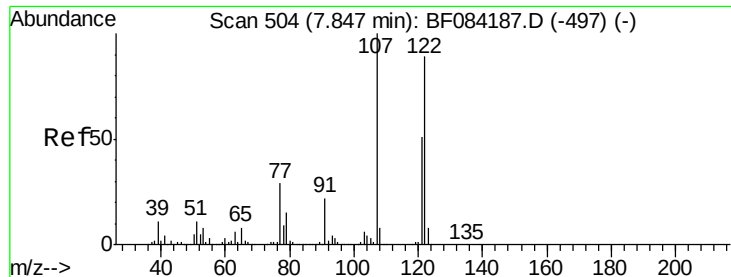
109 30.4 25.4 38.2

65 35.7 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 32.75 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

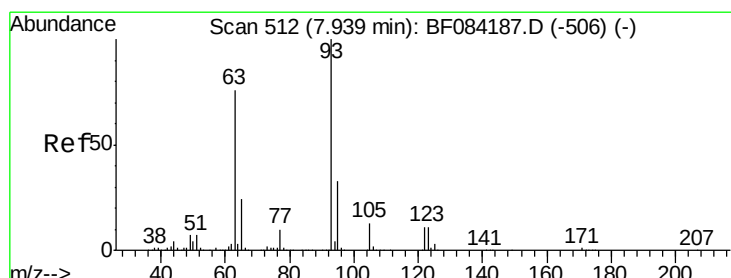
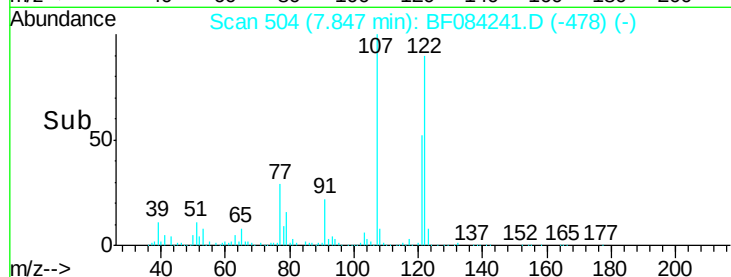
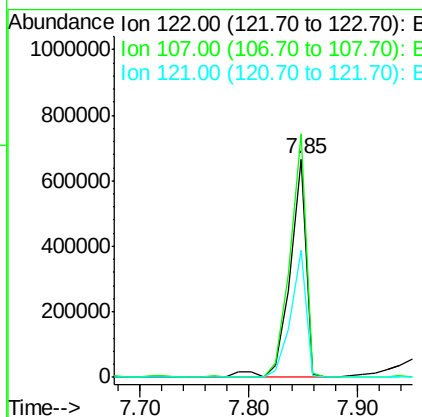
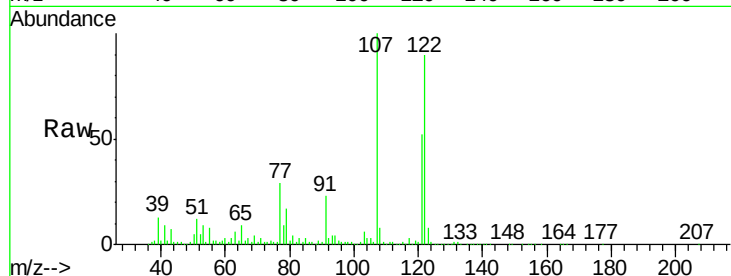
ClientSampled :

S8-0529MS

Tot Ion:	122	Resp:	692491
Ion Ratio	Lower	Upper	
122	100		
107	111.4	99.1	148.7
121	58.1	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 37.30 ng

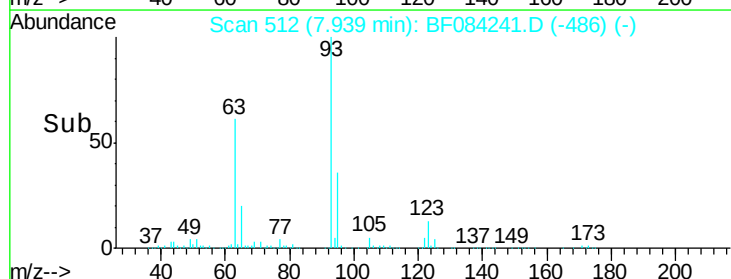
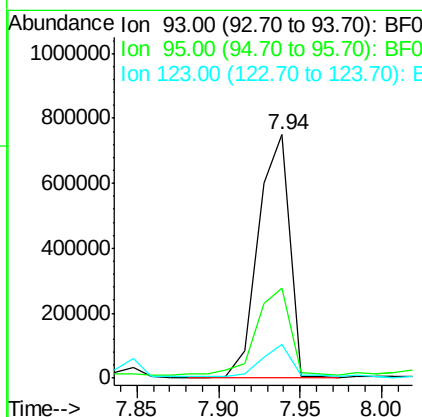
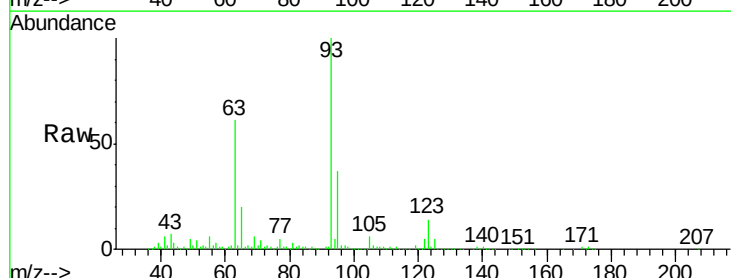
RT: 7.94 min Scan# 512

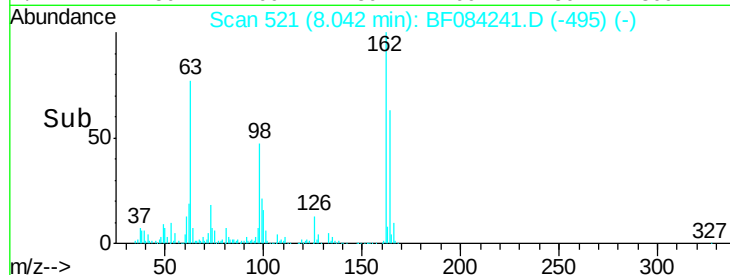
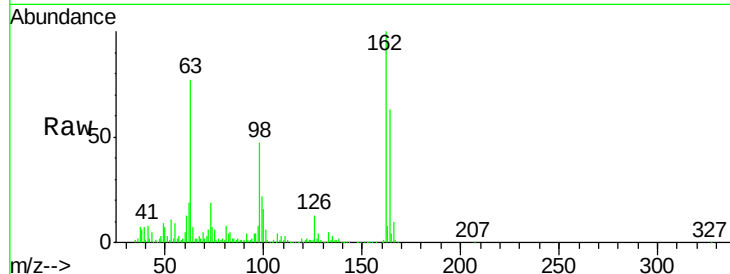
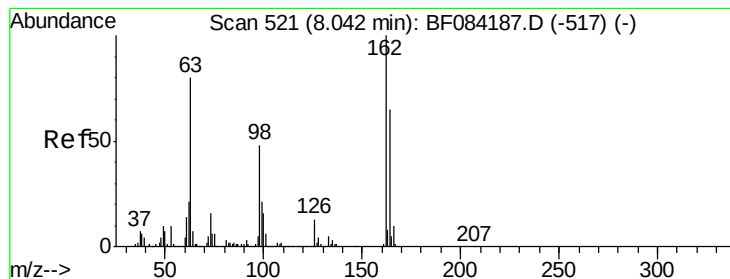
Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion:	93	Resp:	986202
Ion Ratio	Lower	Upper	
93	100		
95	37.2	25.8	38.6
123	13.6	8.6	12.8#





#29

2,4-Dichlorophenol

Concen: 30.71 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tot Ion:	162	Resp:	540817
Ion Ratio	Lower	Upper	
162	100		
164	62.7	44.1	84.1
98	46.9	20.2	60.2

Instrument :

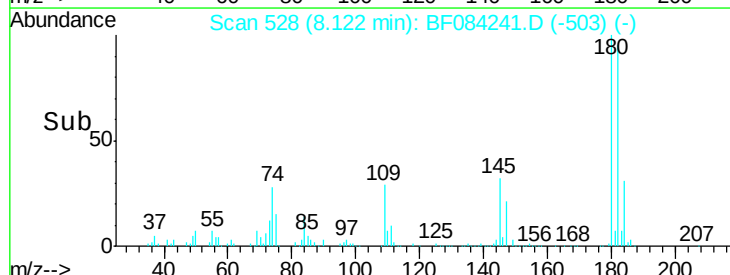
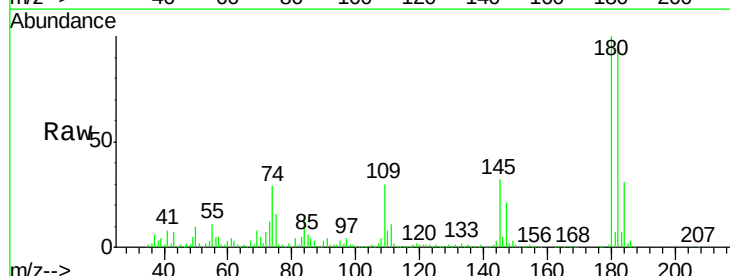
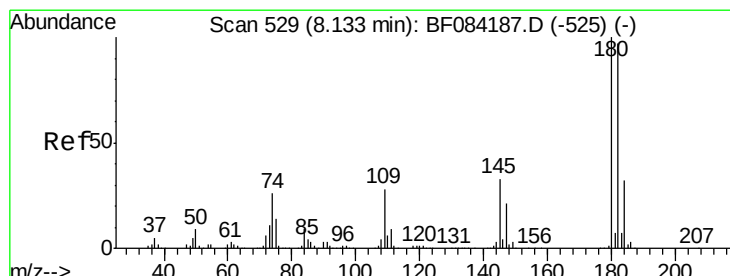
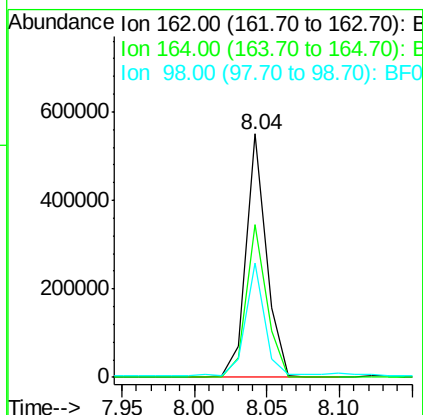
BNA_F

ClientSampleId :

S8-0529MS

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#30

1,2,4-Trichlorobenzene

Concen: 34.84 ng

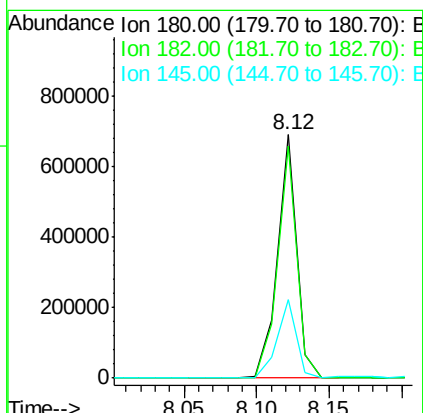
RT: 8.12 min Scan# 528

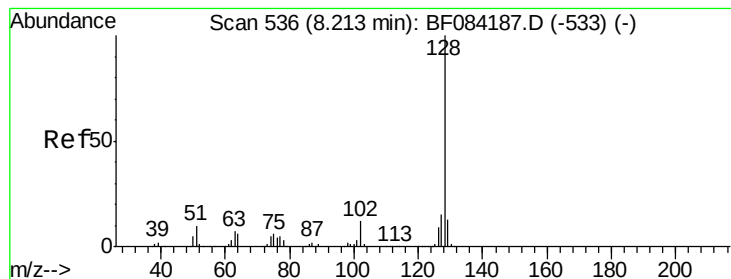
Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion:	180	Resp:	633554
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.4	114.6
145	32.2	31.6	47.4





#31

Naphthalene

Concen: 35.30 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

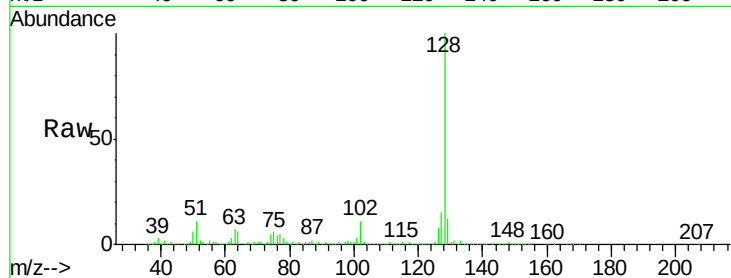
ClientSampleId :

S8-0529MS

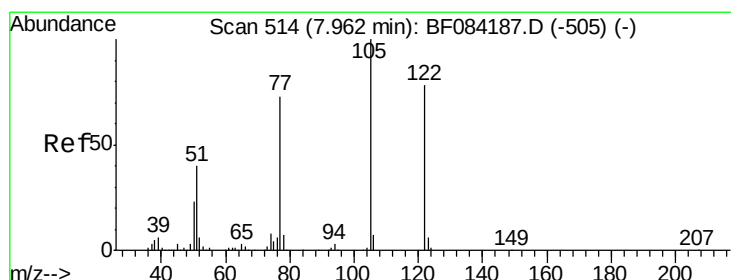
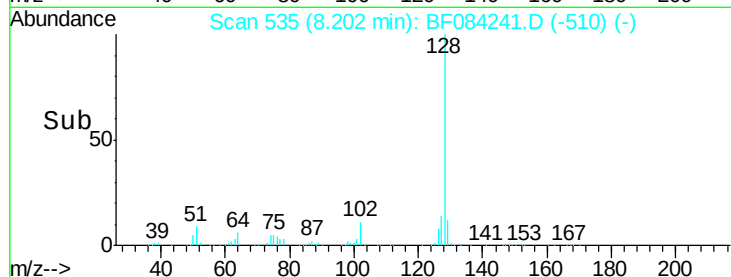
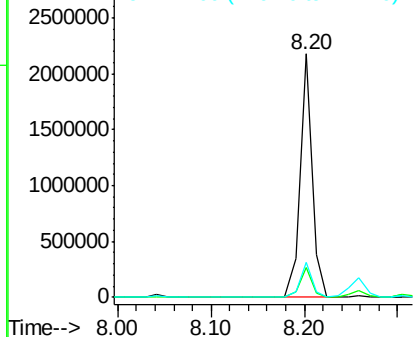
Tot	Ion:128	Resp:	2017341
Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	14.6	11.1	16.7

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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: 17.41 ng

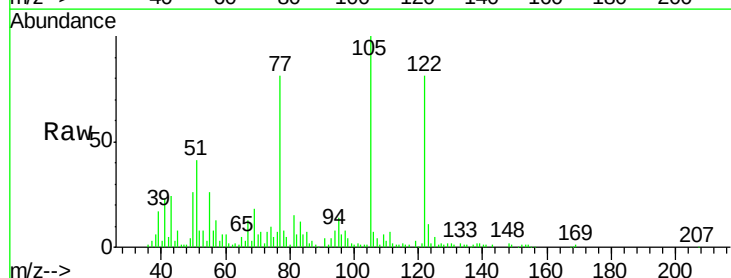
RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

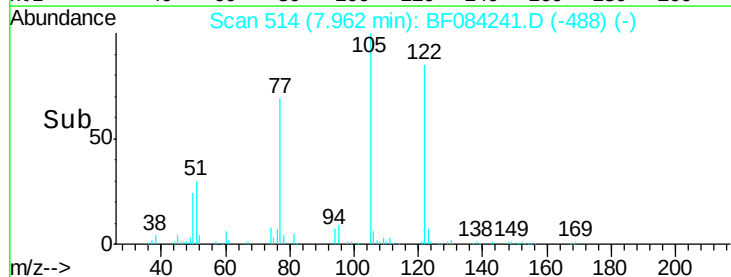
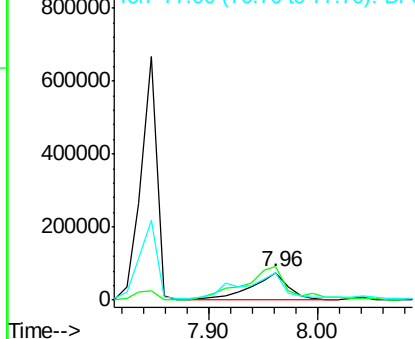
Lab File: BF084241.D

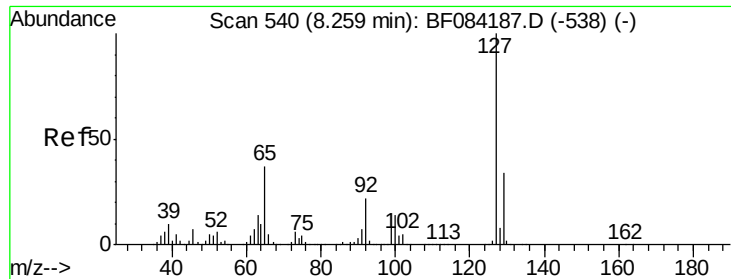
Acq: 4 Jan 2016 16:17

Tgt	Ion:122	Resp:	174574
Ion	Ratio	Lower	Upper
122	100		
105	123.9	100.3	140.3
77	100.4	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





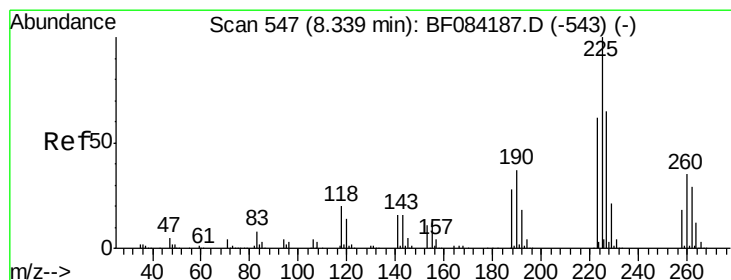
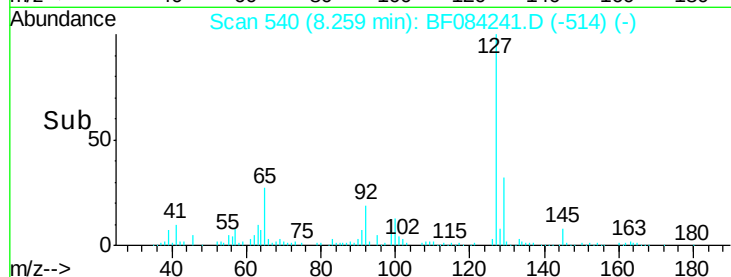
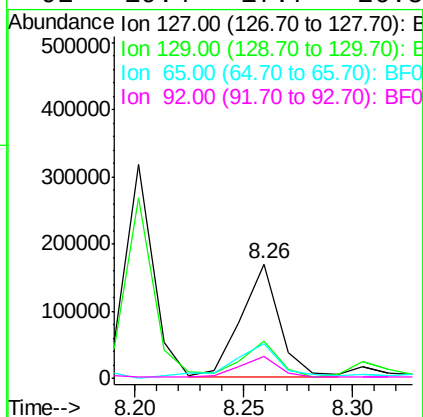
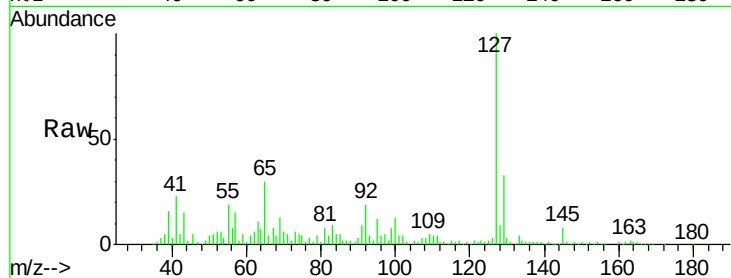
#33
4-Chloroaniline
Concen: 8.00 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampled :
S8-0529MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		209515		
129	32.9	26.5	39.7		
65	29.8	27.2	40.8		
92	19.4	17.7	26.5		

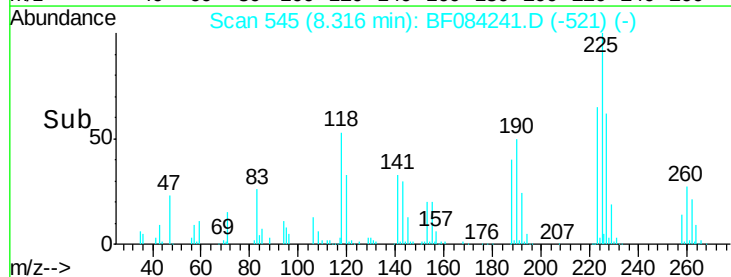
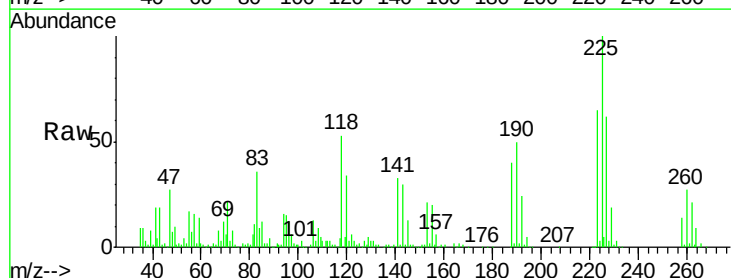
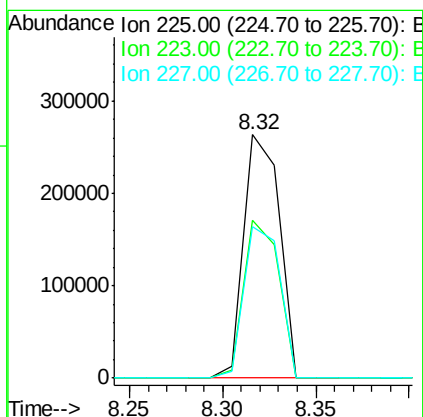
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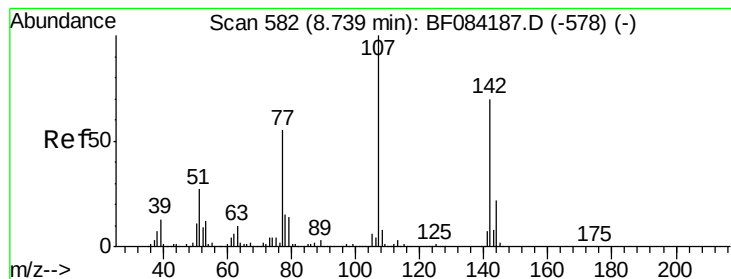
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#34
Hexachlorobutadiene
Concen: 33.29 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		347984		
223	64.7	49.4	74.0		
227	62.1	50.8	76.2		





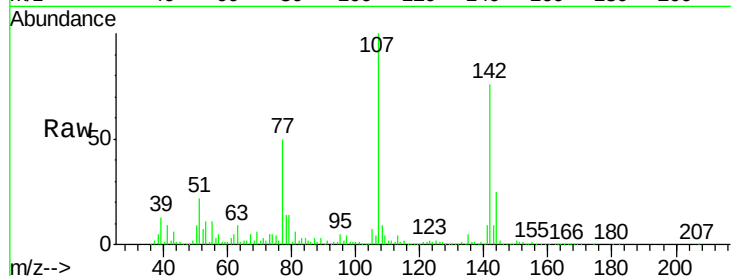
#36
4-Chloro-3-methylphenol
Concen: 32.39 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	638986		
144	25.1	19.7	29.5	
142	75.8	61.8	92.6	

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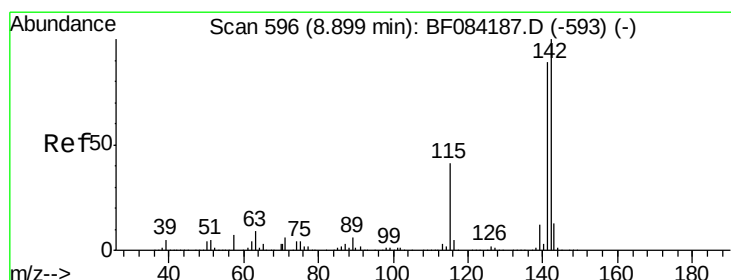
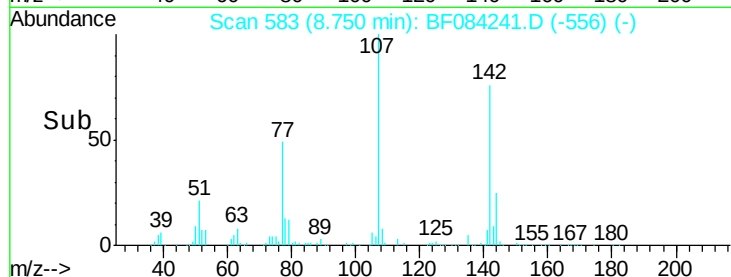
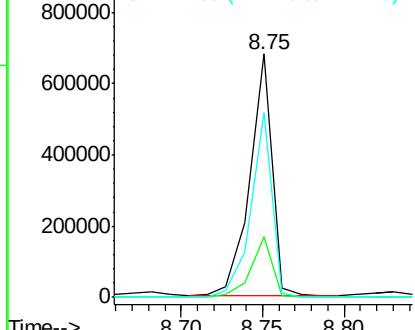


Abundance

Ion 107.00 (106.70 to 107.70): E

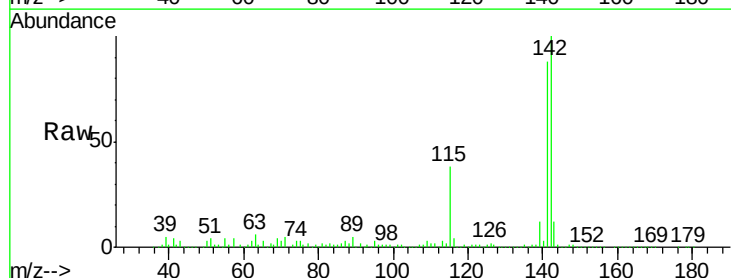
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
2-Methylnaphthalene
Concen: 37.23 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1527191		
141	87.6	72.4	108.6	
115	37.7	27.9	41.9	

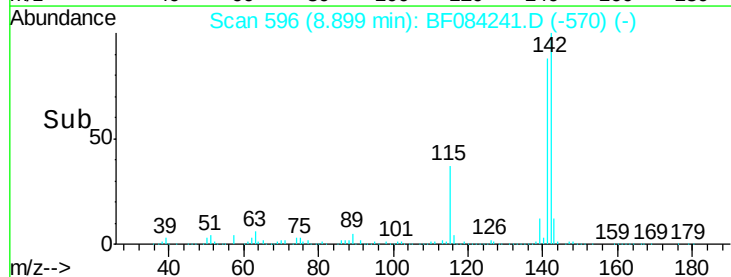
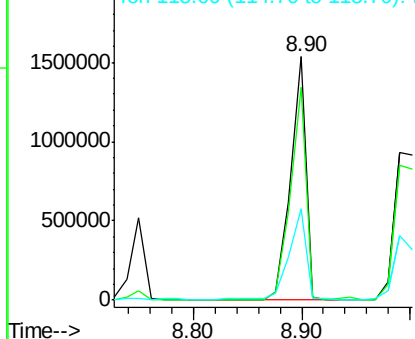


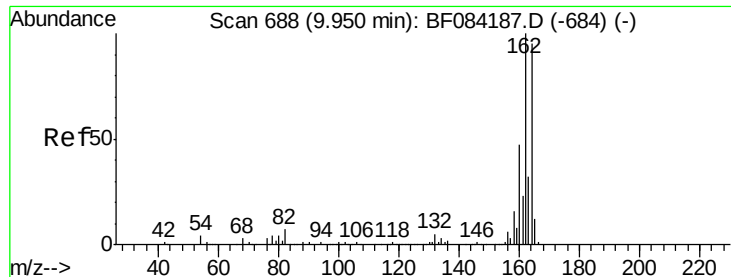
Abundance

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: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

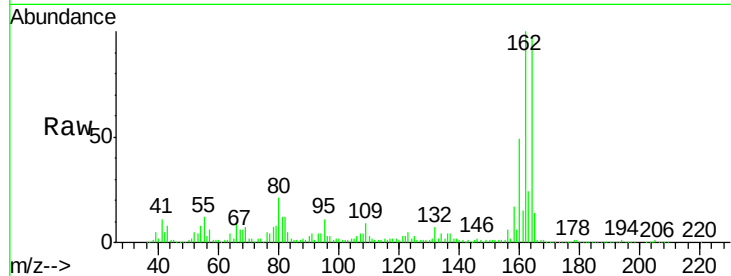
ClientSampleId :

S8-0529MS

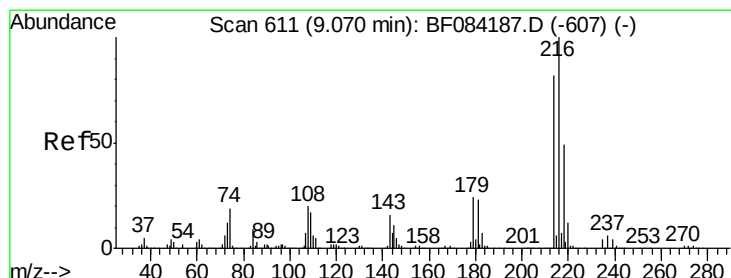
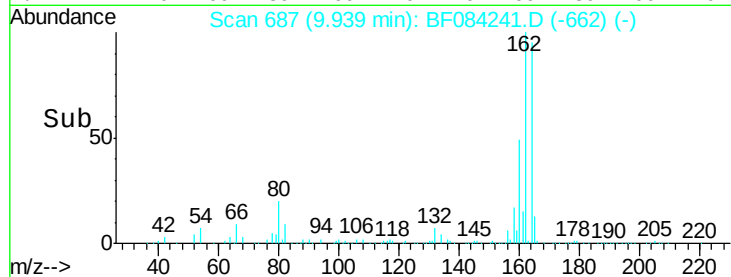
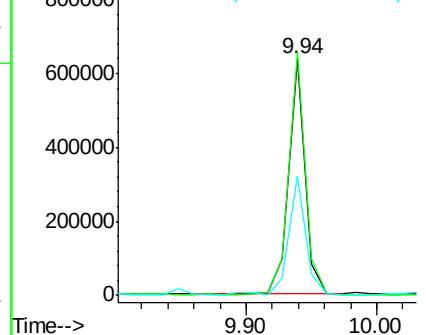
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	85.1	127.7	
160	50.6	37.5	56.3	

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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: 34.02 ng

RT: 9.06 min Scan# 610

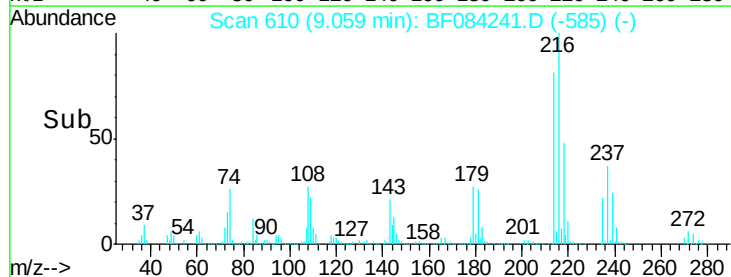
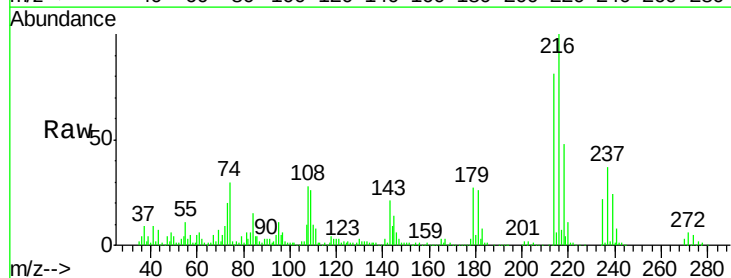
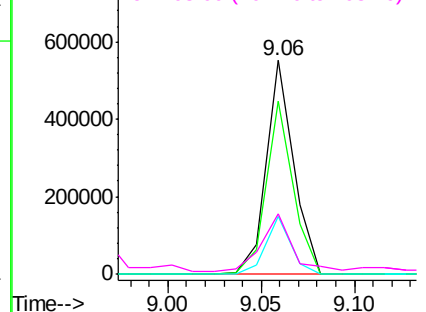
Delta R.T. -0.01 min

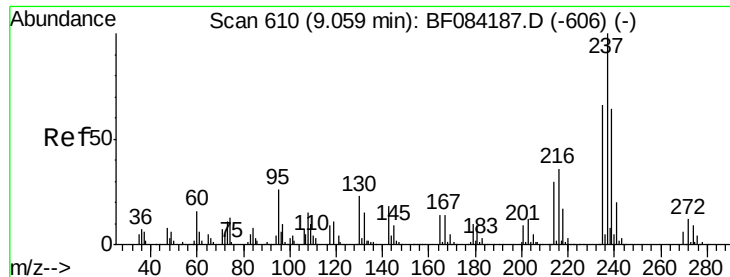
Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	64.2	96.2	
179	25.0	18.7	28.1	
108	30.2	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: 61.36 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

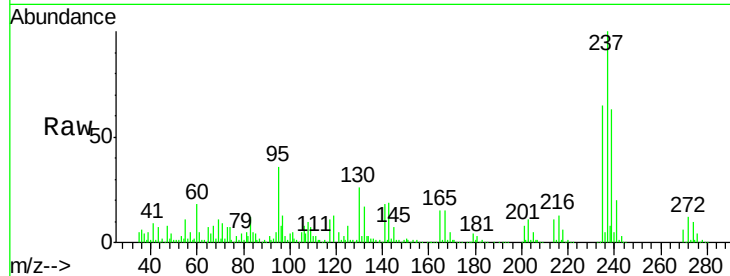
ClientSampleId :

S8-0529MS

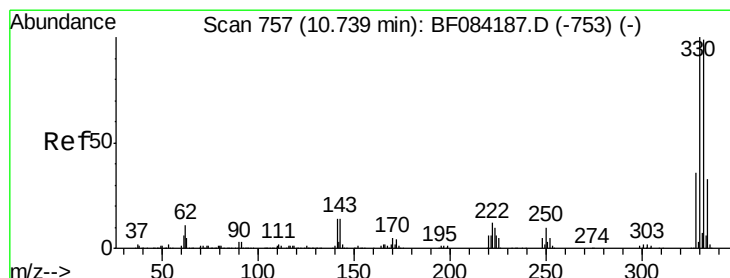
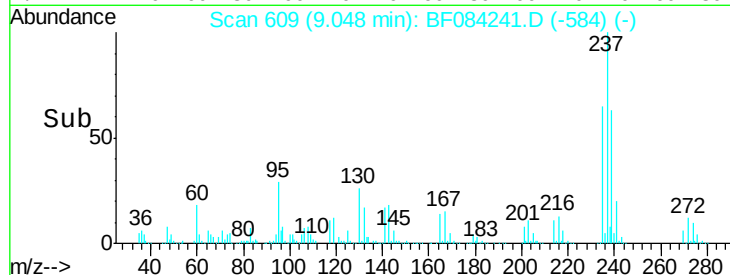
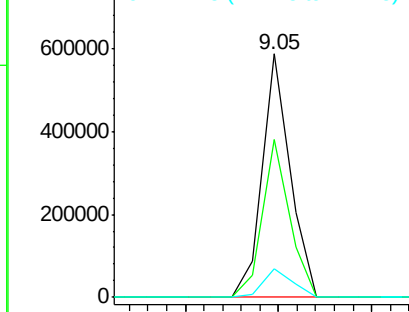
Tot Ion:	237	Resp:	603282
Ion Ratio	Lower	Upper	
237	100		
235	64.7	43.1	83.1
272	11.5	0.0	35.1

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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: 98.84 ng

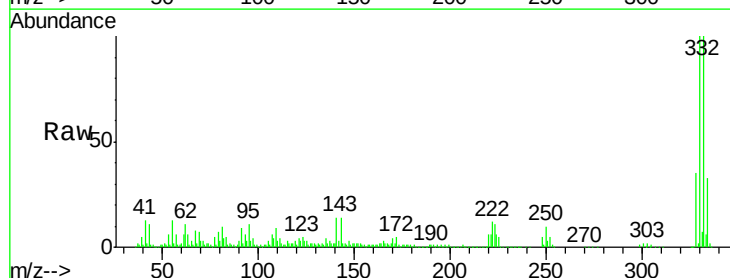
RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

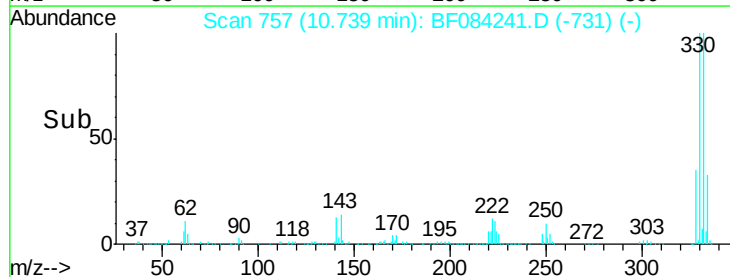
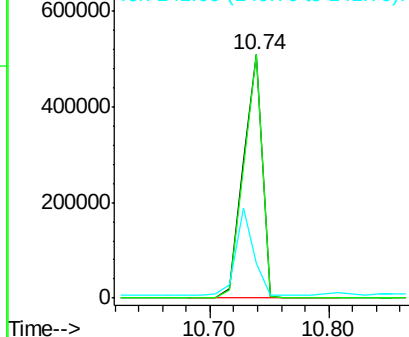
Lab File: BF084241.D

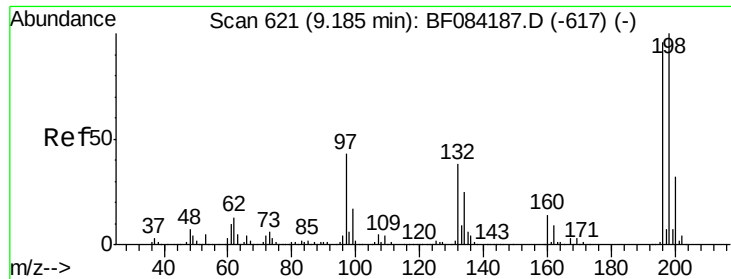
Acq: 4 Jan 2016 16:17

Tgt Ion:	330	Resp:	565385
Ion Ratio	Lower	Upper	
330	100		
332	98.4	76.6	114.8
141	33.6	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





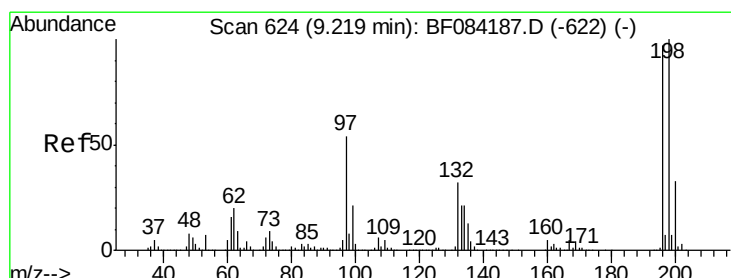
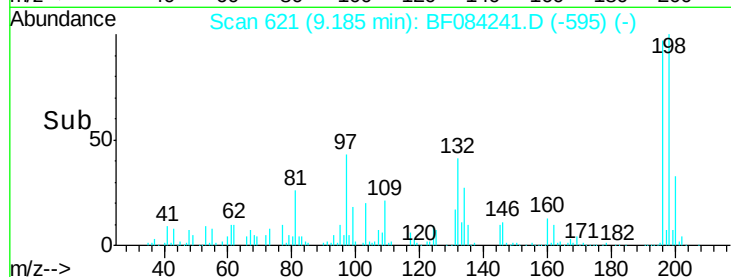
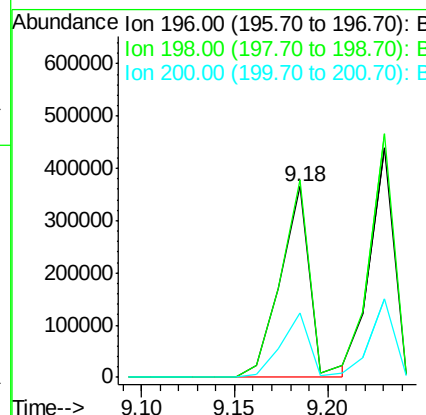
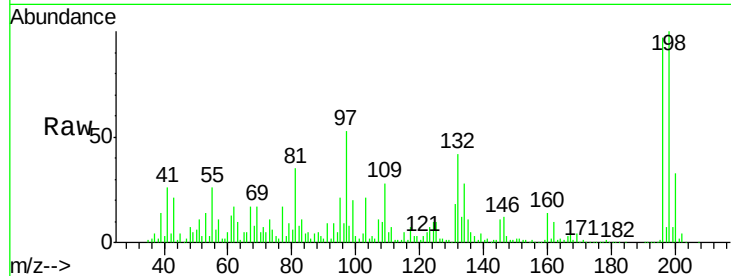
#42
 2,4,6-Trichlorophenol
 Concen: 33.18 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	404277		
198	103.5	77.7	116.5	
200	33.8	24.6	37.0	

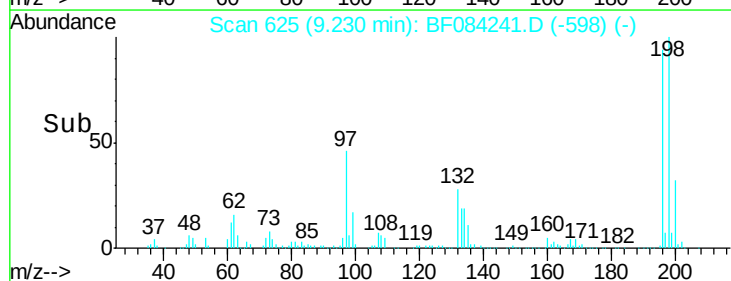
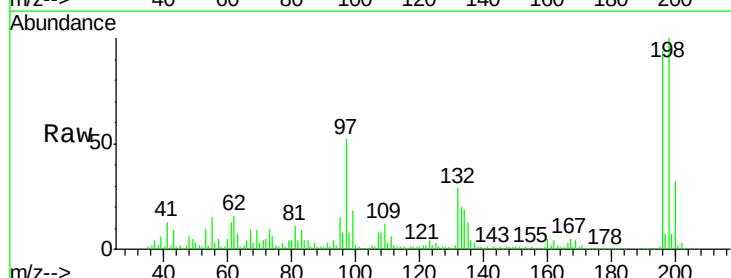
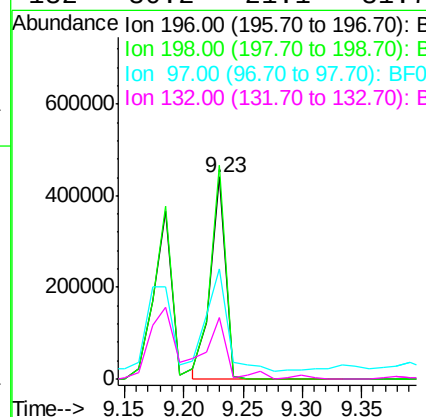
Manual Integrations
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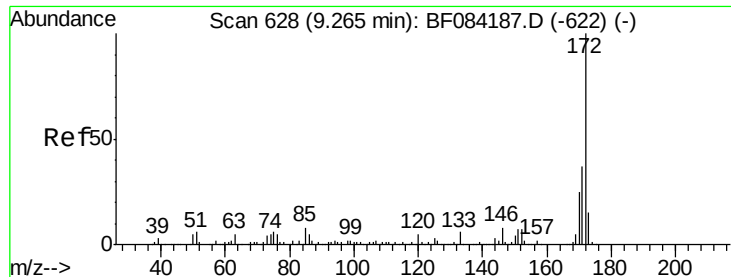
Sohil
 1/5/2016 1:26:44 PM



#43
 2,4,5-Trichlorophenol
 Concen: 33.44 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	390623		
198	105.9	79.0	118.6	
97	54.7	33.0	49.6	
132	30.2	21.1	31.7	





#44

2-Fluorobiphenyl

Concen: 82.16 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion:172 Resp: 2652792

Ion Ratio Lower Upper

172 100

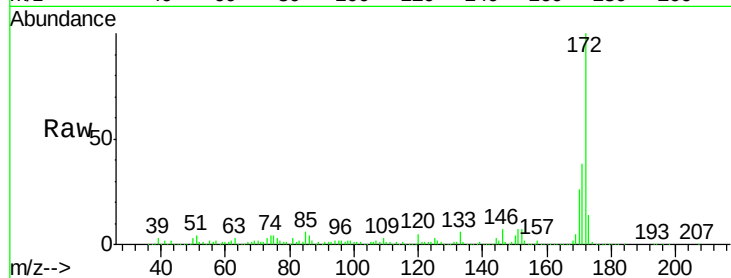
171 38.3 28.9 43.3

170 26.2 18.6 27.8

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Sohil

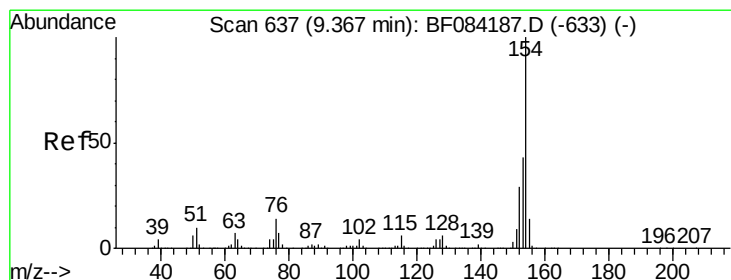
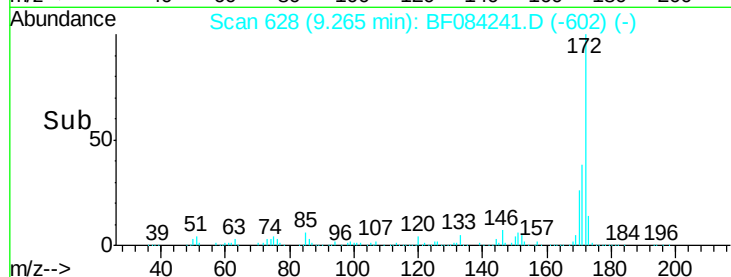
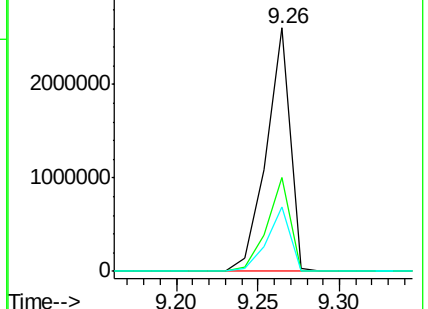
1/5/2016 1:26:44 PM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 37.24 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

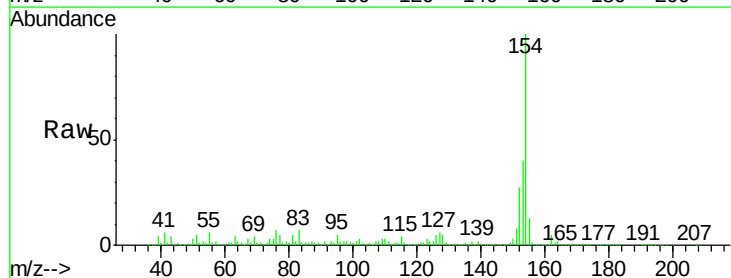
Tgt Ion:154 Resp: 1676941

Ion Ratio Lower Upper

154 100

153 40.2 21.6 61.6

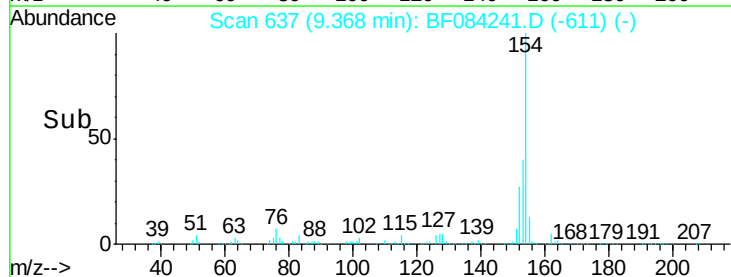
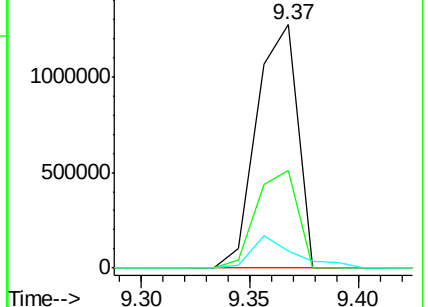
76 7.0 0.0 32.7

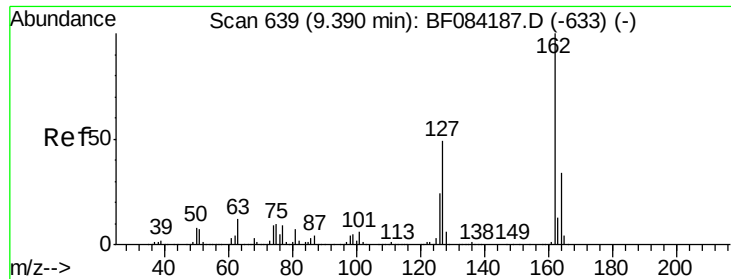


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





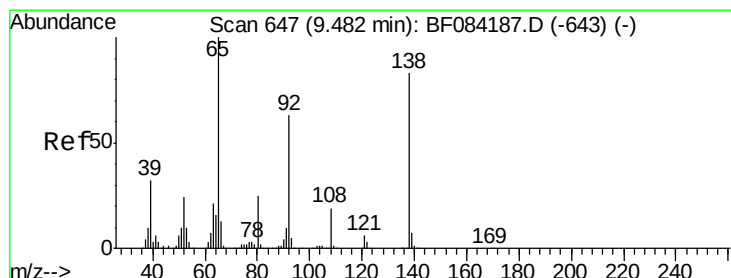
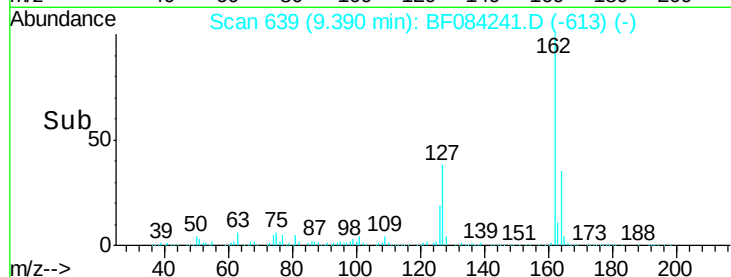
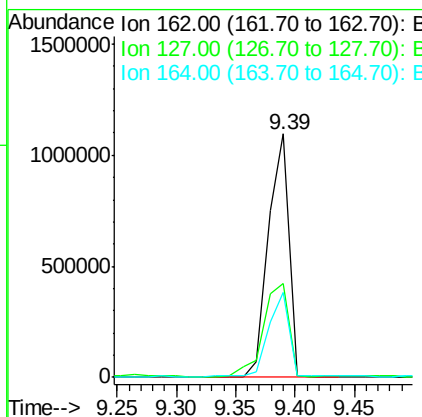
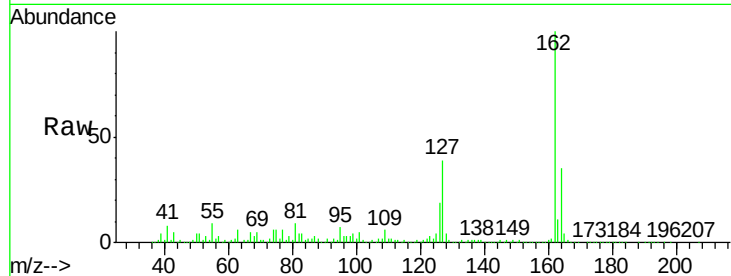
#46
2-Chloronaphthalene
Concen: 37.43 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampled :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	40.2	60.4#
164	34.7	25.7	38.5

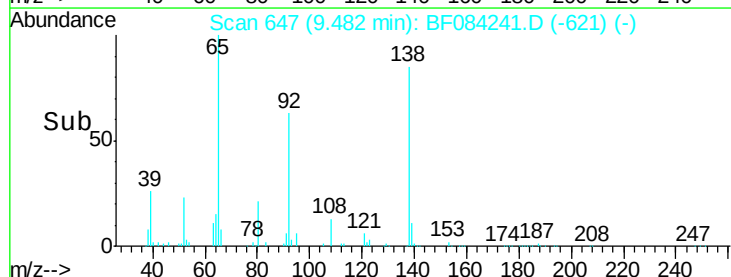
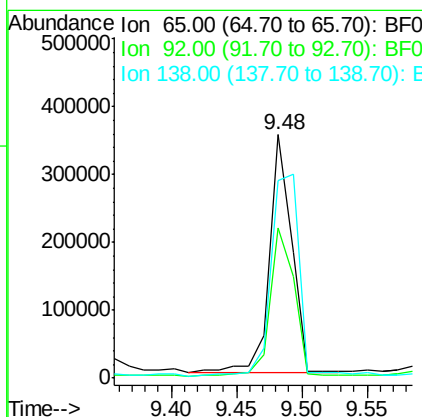
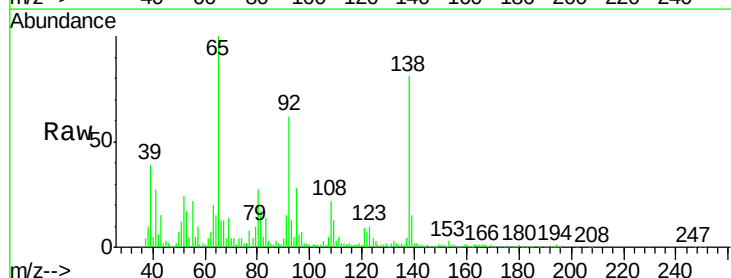
Manual Integrations
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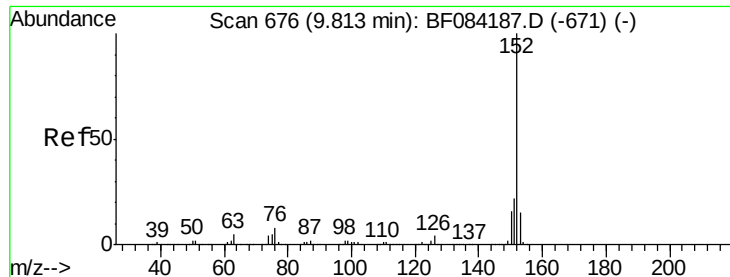
Sohil
1/5/2016 1:26:44 PM



#47
2-Nitroaniline
Concen: 35.81 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.8	53.4	80.2
138	81.4	71.1	106.7





#48

Acenaphthylene

Concen: 35.42 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion:152 Resp: 1850795

Ion Ratio Lower Upper

152 100

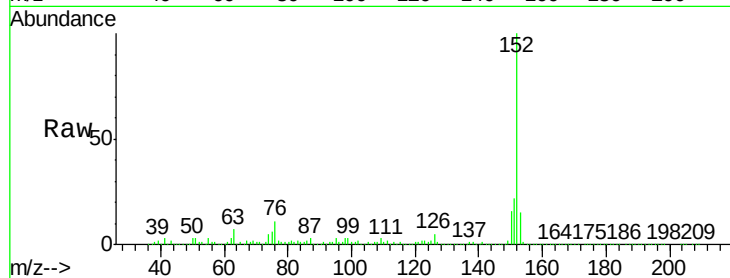
151 21.9 16.3 24.5

153 15.4 10.4 15.6

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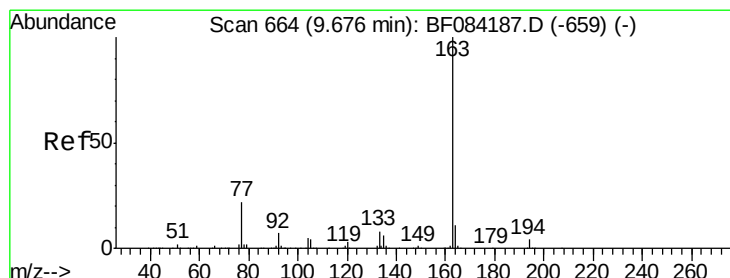
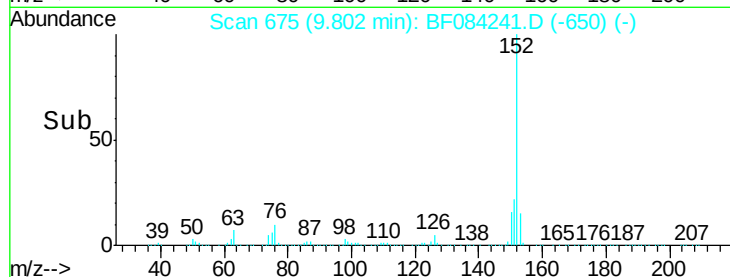
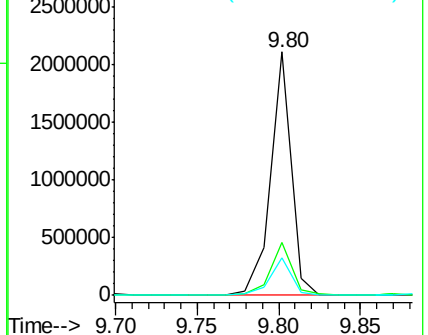
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.24 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

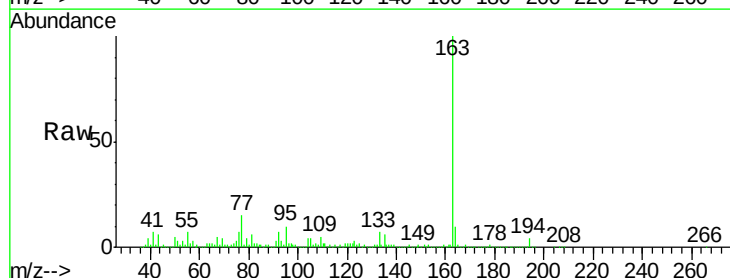
Tgt Ion:163 Resp: 1670252

Ion Ratio Lower Upper

163 100

194 4.0 8.0 12.0#

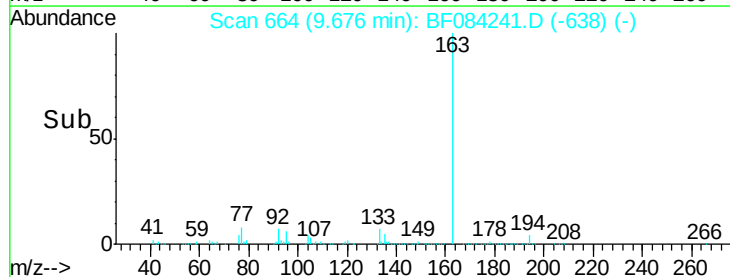
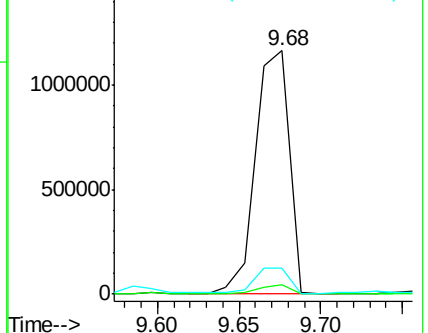
164 10.4 8.0 12.0

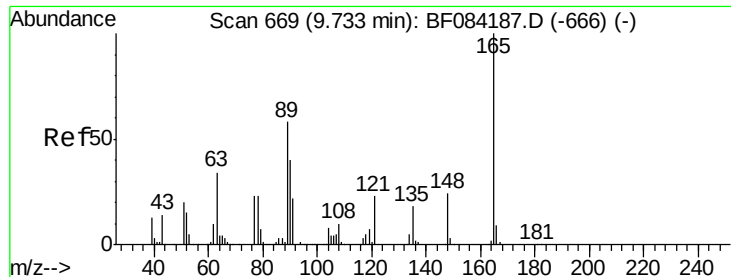


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 39.24 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

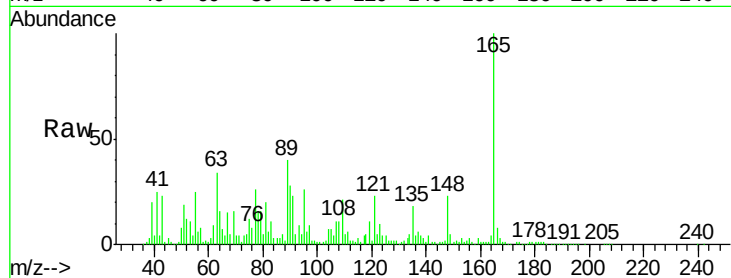
ClientSampled :

S8-0529MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	348605		
63	33.6	28.8	43.2	
89	40.5	35.1	52.7	

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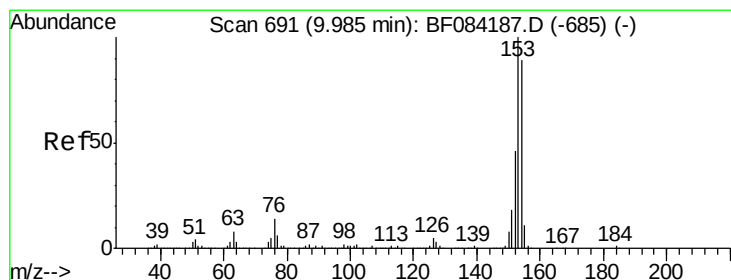
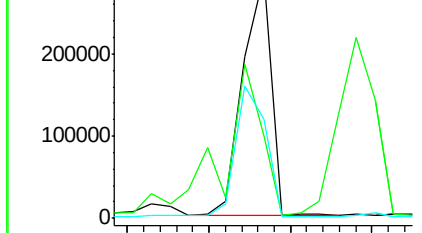
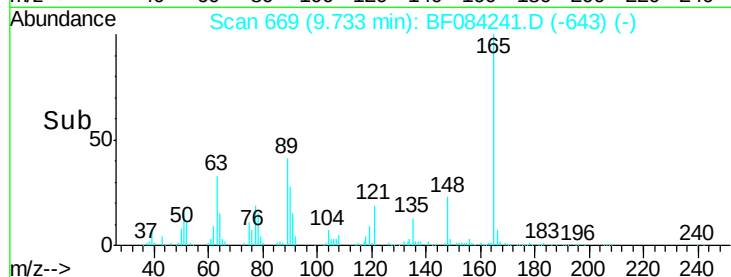


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time-->



#51

Acenaphthene

Concen: 39.90 ng

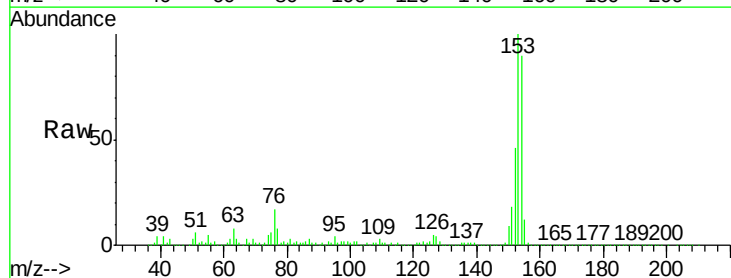
RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1398629		
153	111.2	91.5	137.3	
152	51.5	43.0	64.6	

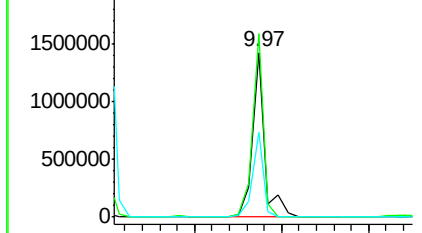
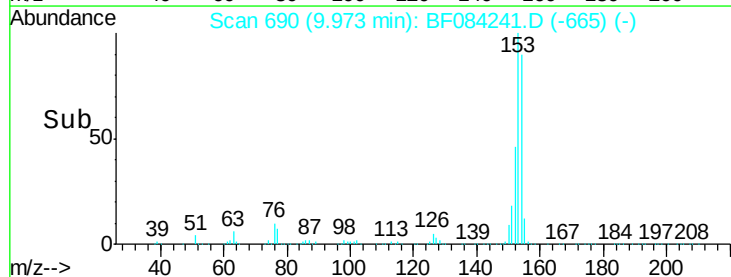


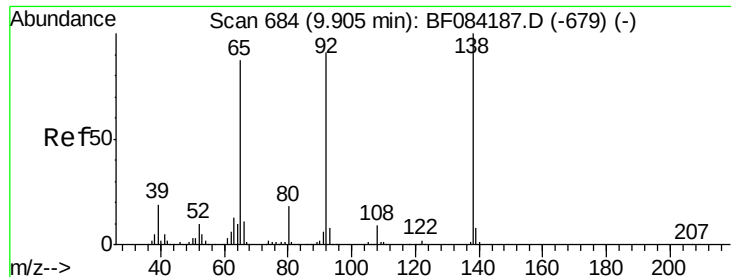
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->





#52

3-Nitroaniline

Concen: 10.46 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

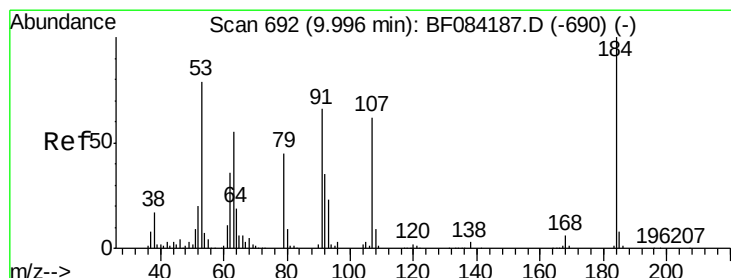
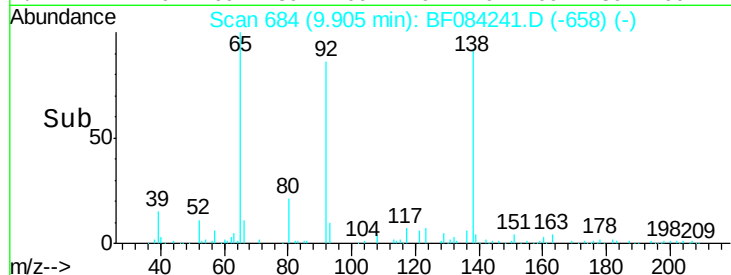
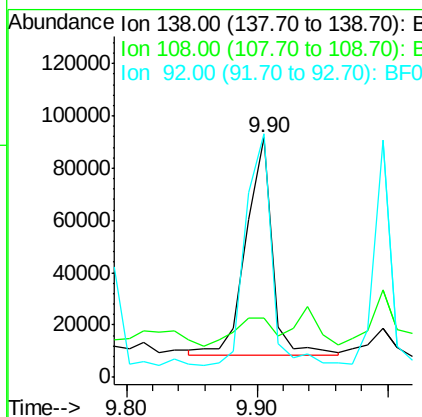
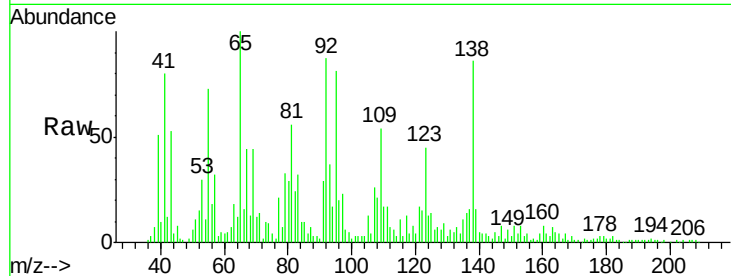
ClientSampleId :

S8-0529MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	24.8	10.5	15.7#
92	101.7	103.9	155.9#

Manual Integrations
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1/5/2016 1:26:44 PM



#53

2,4-Dinitrophenol

Concen: 63.05 ng

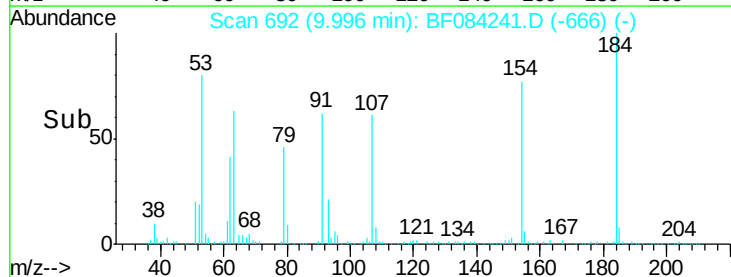
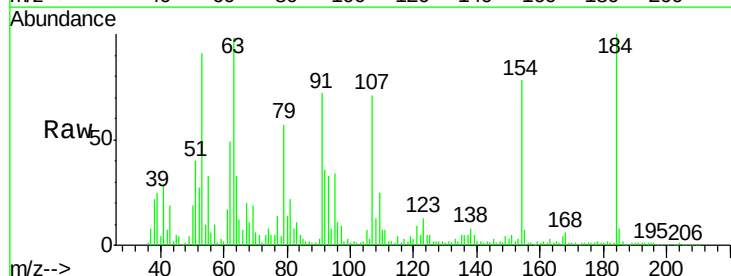
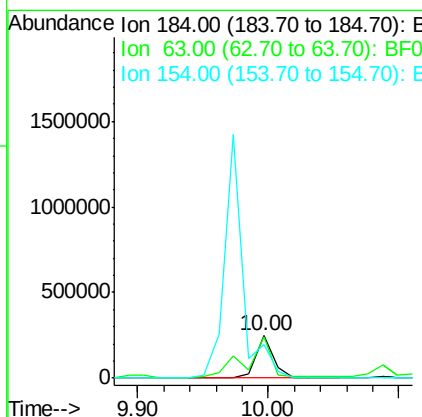
RT: 10.00 min Scan# 692

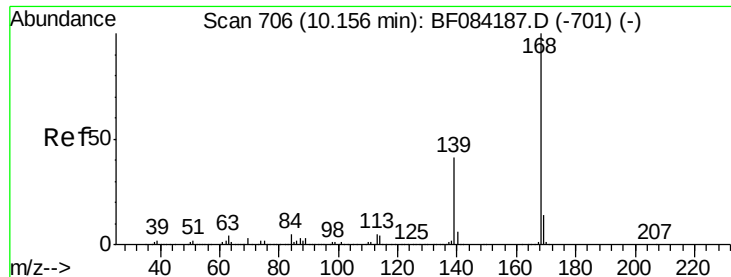
Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	97.7	43.1	64.7#
154	78.3	60.5	90.7





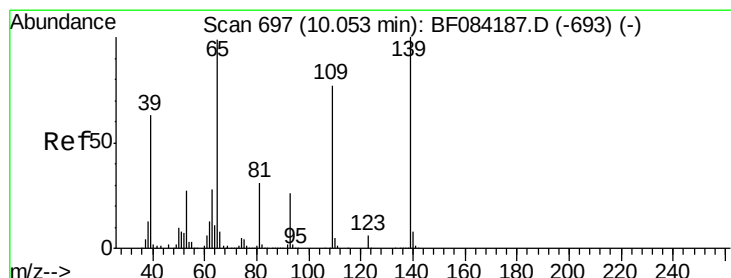
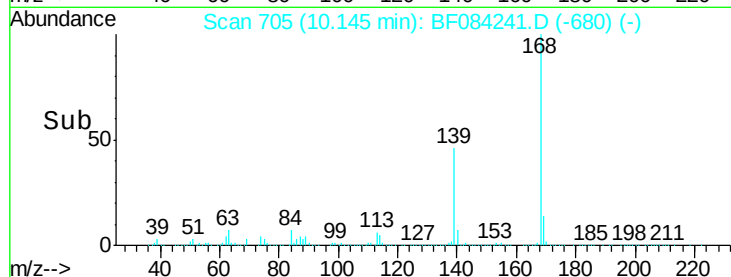
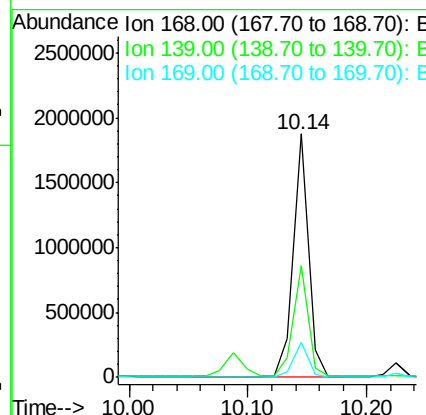
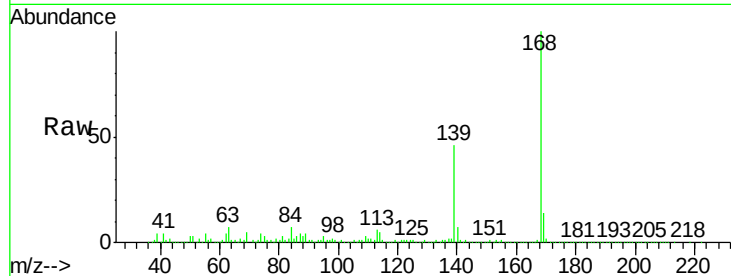
#54
Dibenzenofuran
Concen: 35.57 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	46.2	30.5	45.7#
169	14.3	10.4	15.6

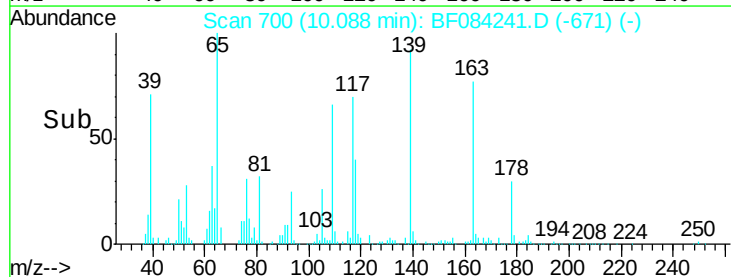
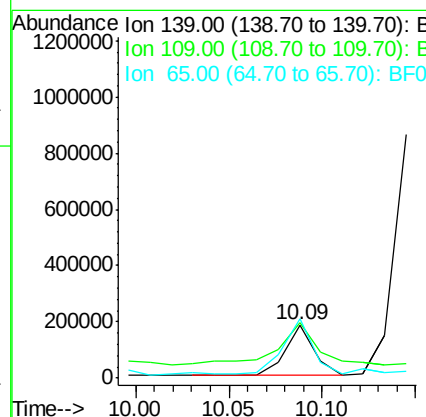
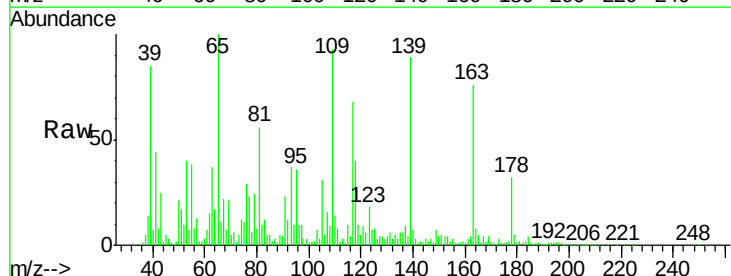
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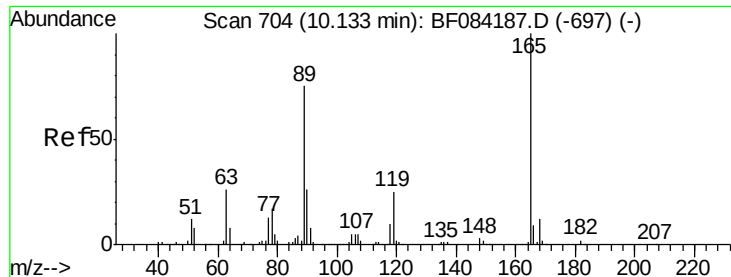
Sohil
1/5/2016 1:26:44 PM



#55
4-Nitrophenol
Concen: 24.81 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.03 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.2	58.5	98.5#
65	112.4	57.6	97.6#





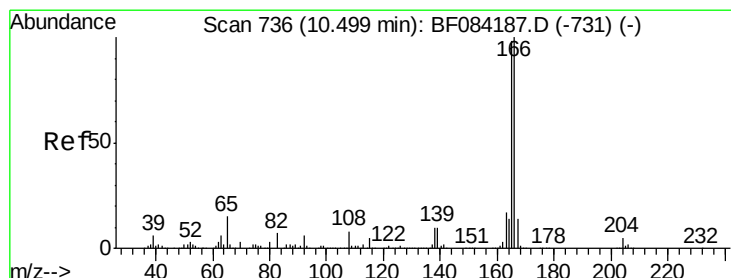
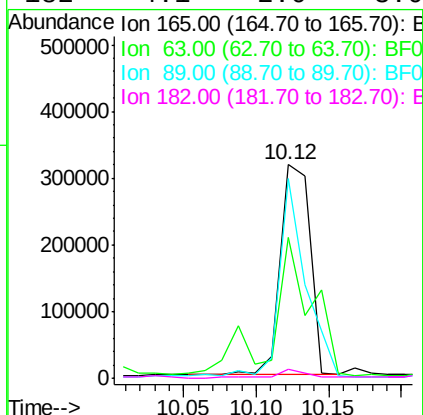
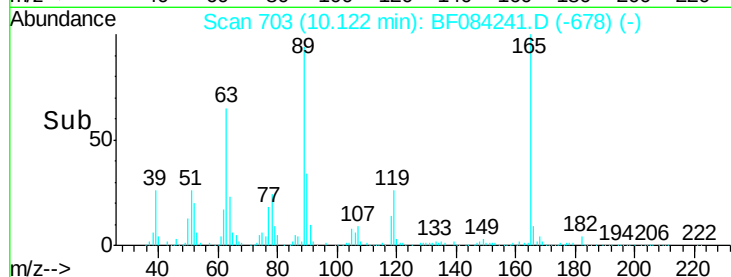
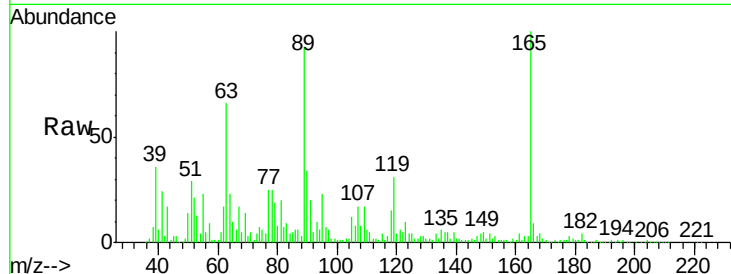
#56
2,4-Dinitrotoluene
Concen: 39.66 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		445952		
63	66.1	36.7	55.1#		
89	93.4	61.9	92.9#		
182	4.1	2.0	3.0#		

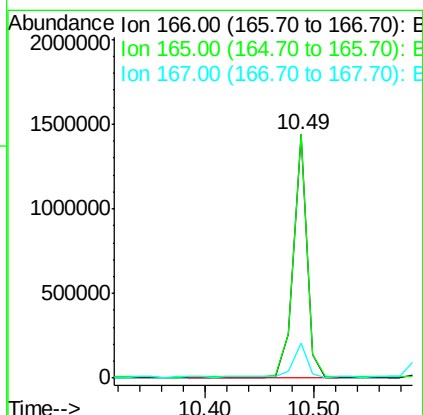
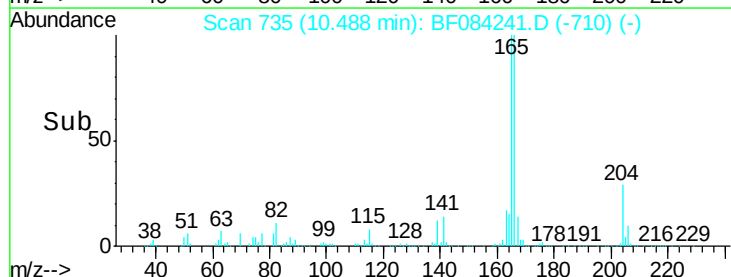
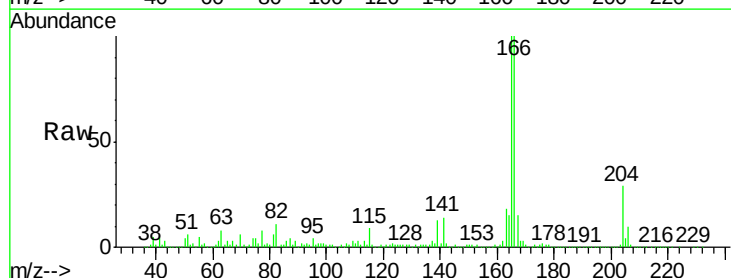
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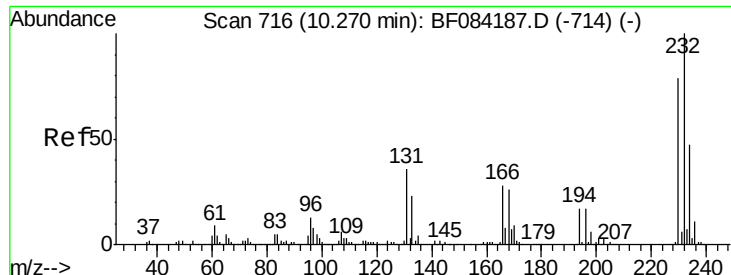
Sohil
1/5/2016 1:26:44 PM



#57
Fluorene
Concen: 35.61 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1267525		
165	99.8	79.1	118.7		
167	14.5	10.4	15.6		





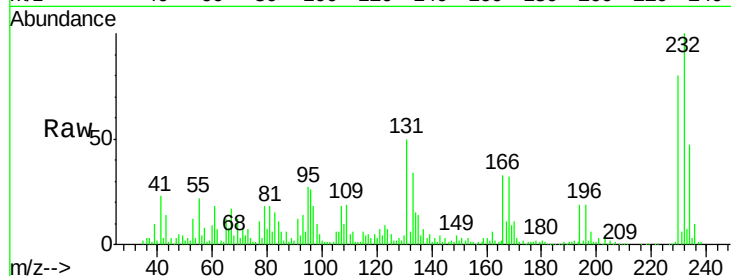
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.37 ng
 RT: 10.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

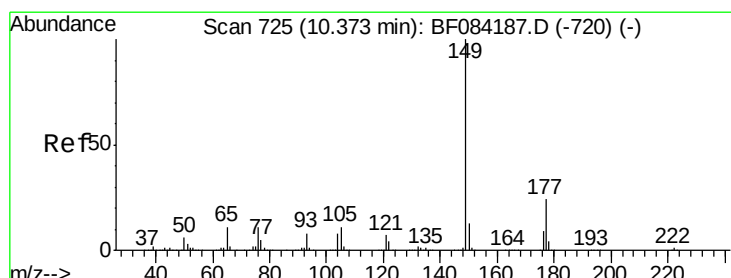
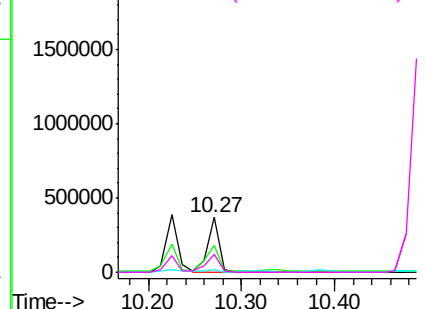
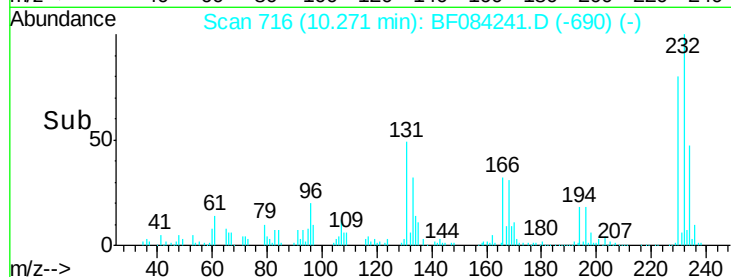
Tot Ion	Ratio	Lower	Upper
232	100		
131	54.1	47.0	70.6
130	4.2	2.0	3.0
166	34.6	30.5	45.7

Manual Integrations
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 1/5/2016 1:26:44 PM

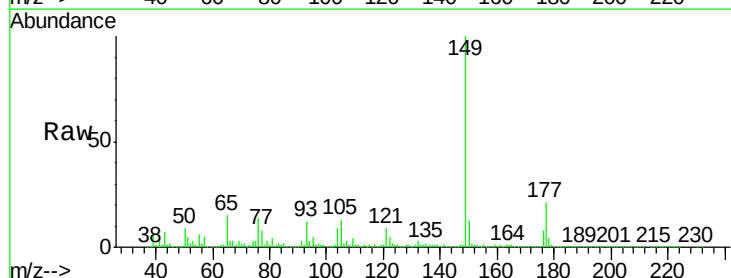


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

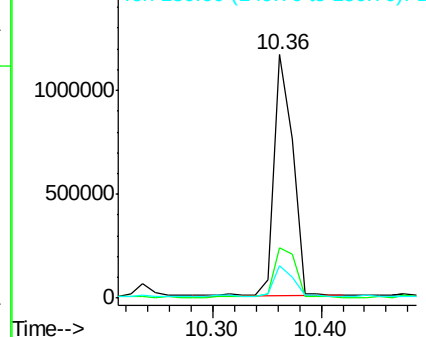
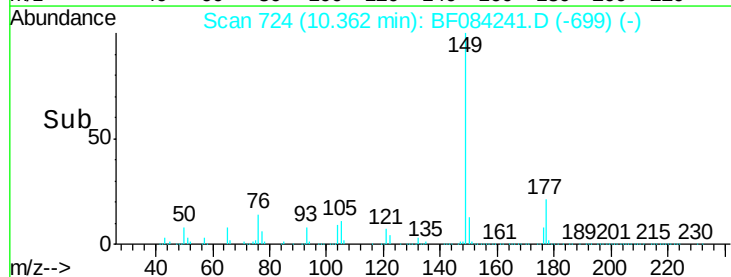


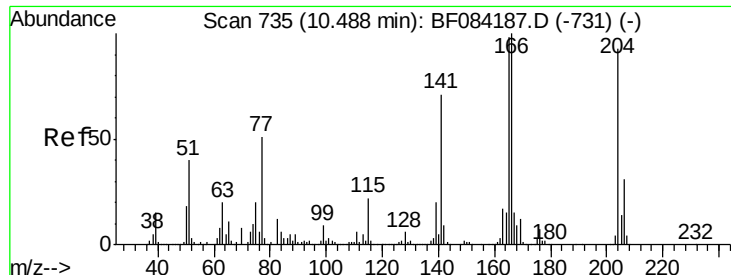
#59
 Diethylphthalate
 Concen: 34.89 ng
 RT: 10.36 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.3	25.9
150	13.4	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





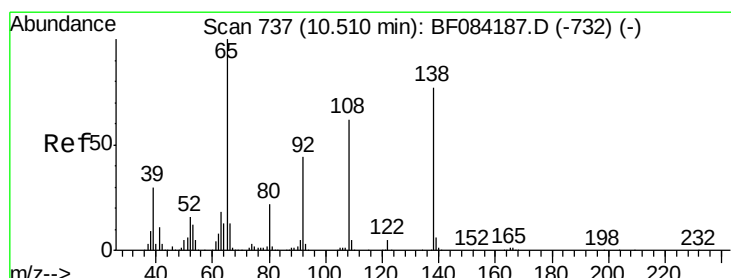
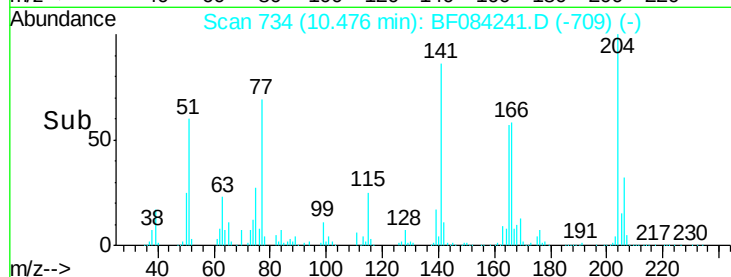
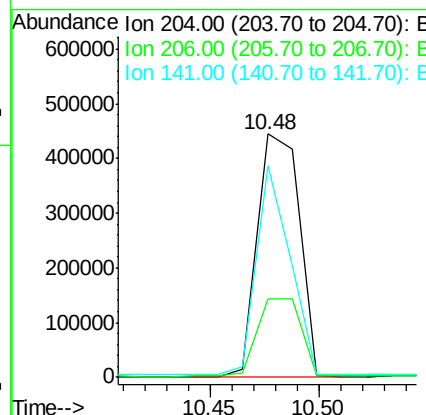
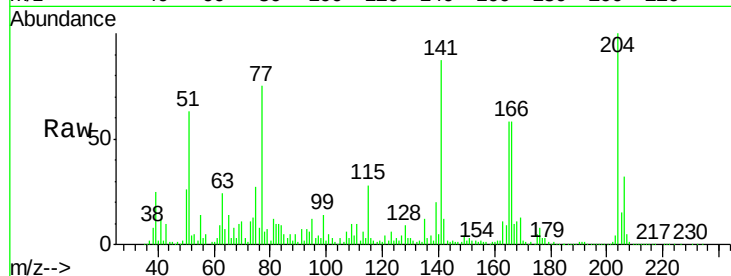
#60
4-Chlorophenyl-phenylether
Concen: 39.67 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.7	38.5
141	87.0	55.1	82.7

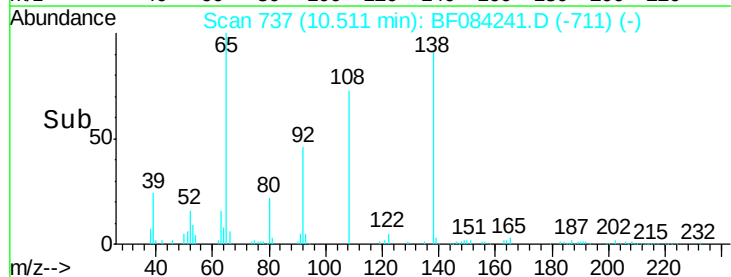
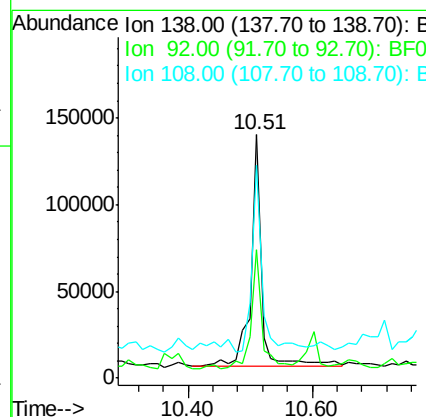
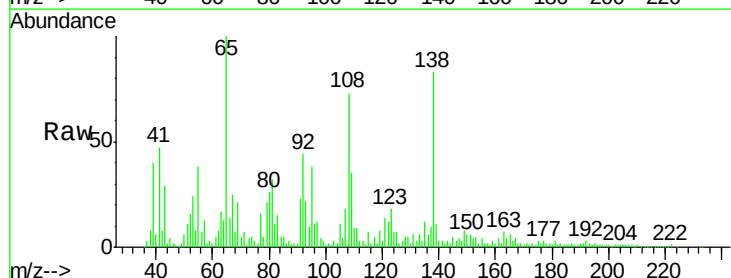
Manual Integrations
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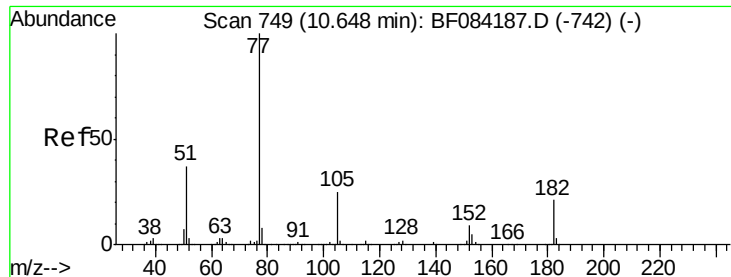
Sohil
1/5/2016 1:26:44 PM



#61
4-Nitroaniline
Concen: 16.97 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	32.6	72.6
108	87.6	68.6	108.6





#62

Azobenzene

Concen: 34.43 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion: 77 Resp: 1508151

Ion Ratio Lower Upper

77 100

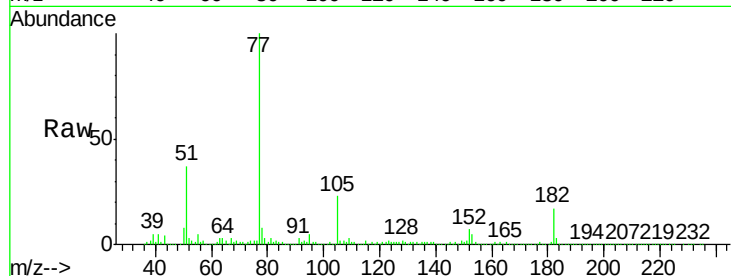
182 17.5 8.3 48.3

105 22.8 4.6 44.6

51 36.8 6.2 46.2

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1/5/2016 1:26:44 PM



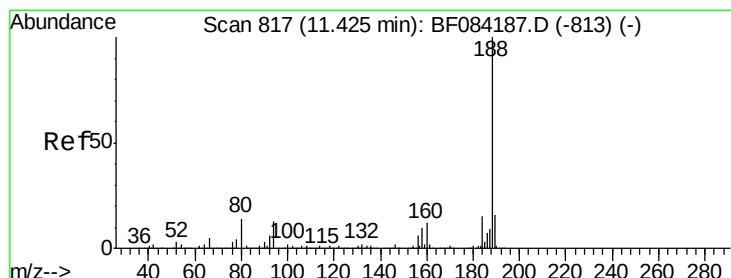
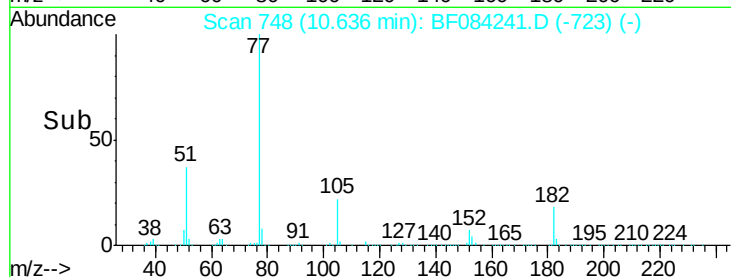
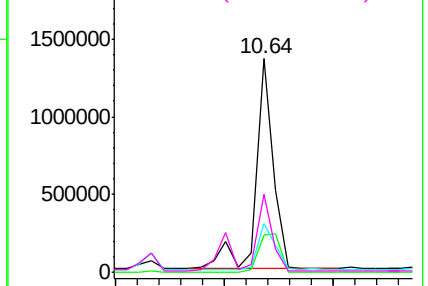
Abundance

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: BF084241.D

Acq: 4 Jan 2016 16:17

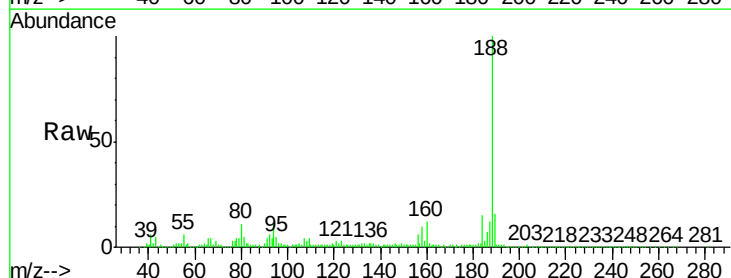
Tgt Ion: 188 Resp: 898082

Ion Ratio Lower Upper

188 100

94 11.4 9.0 13.4

80 11.4 9.6 14.4

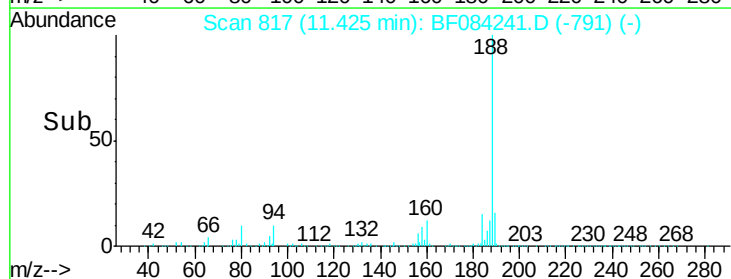
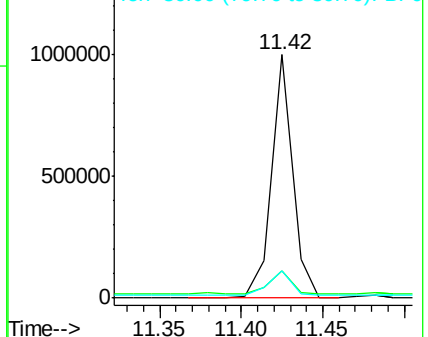


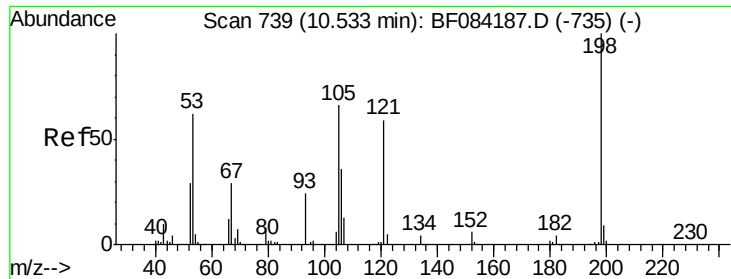
Abundance

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





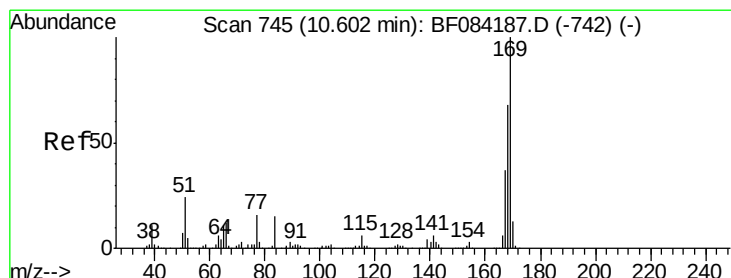
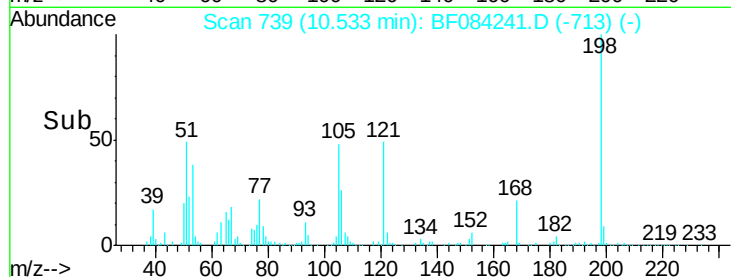
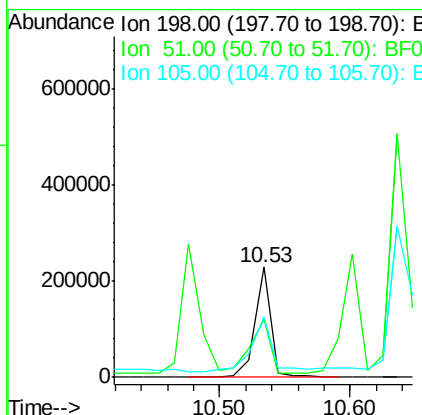
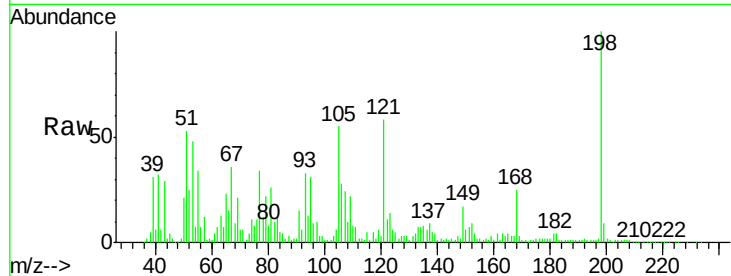
#64
4,6-Dinitro-2-methylphenol
Concen: 35.13 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	192136		
51	52.6	18.9	58.9	
105	55.1	26.4	66.4	

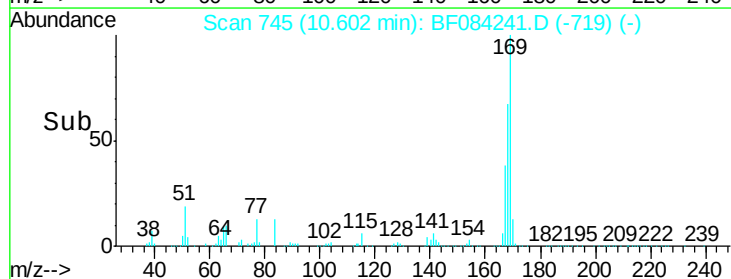
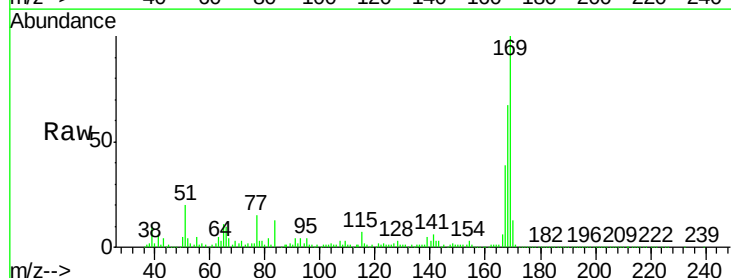
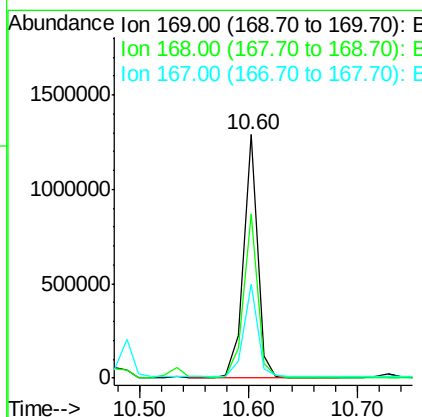
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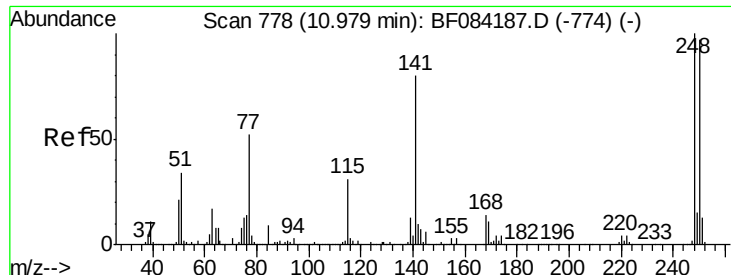
Sohil
1/5/2016 1:26:44 PM



#65
n-Nitrosodiphenylamine
Concen: 39.29 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1128211		
168	67.3	55.1	82.7	
167	38.8	30.0	45.0	





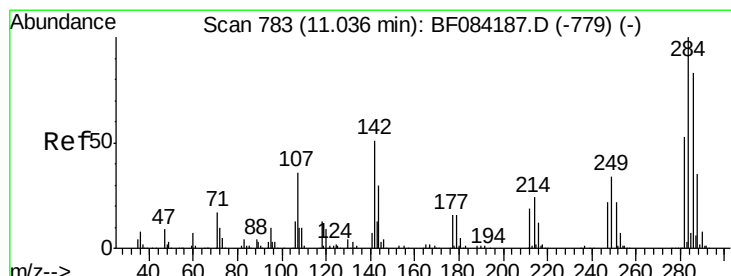
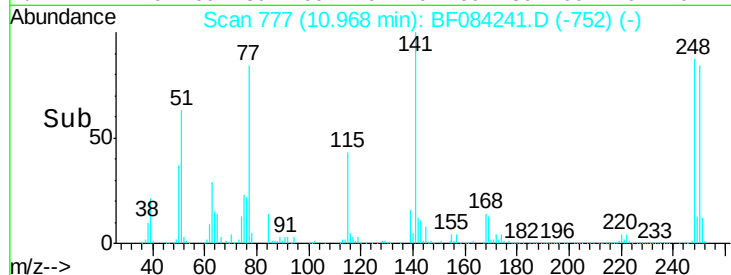
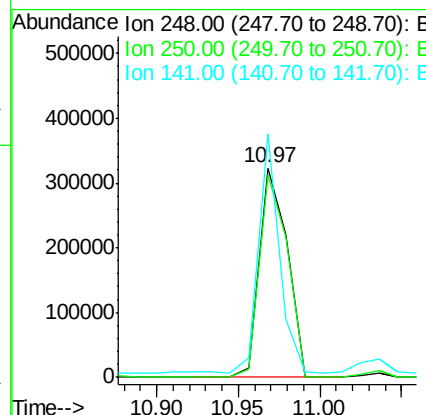
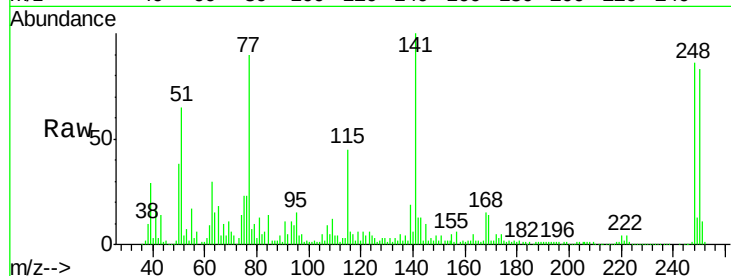
#66
 4-Bromophenyl-phenylether
 Concen: 39.60 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Instrument :
 BNA_F
 ClientSampleID :
 S8-0529MS

Tot Ion:	248	Resp:	382757
Ion Ratio	Lower	Upper	
248	100		
250	96.7	78.4	117.6
141	116.5	44.0	66.0#

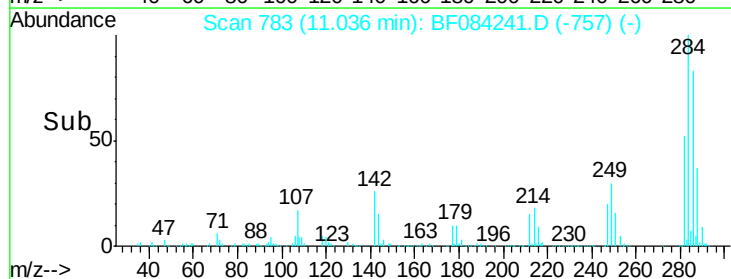
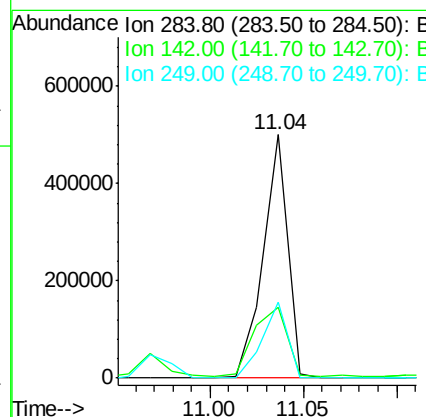
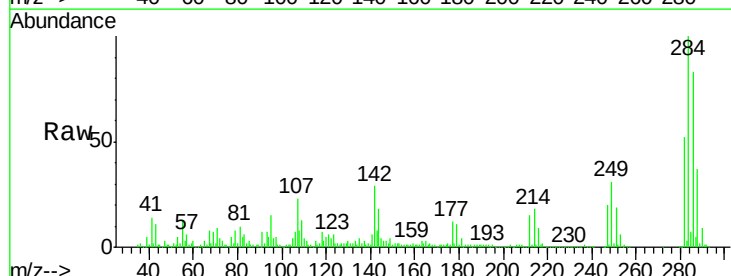
Manual Integrations
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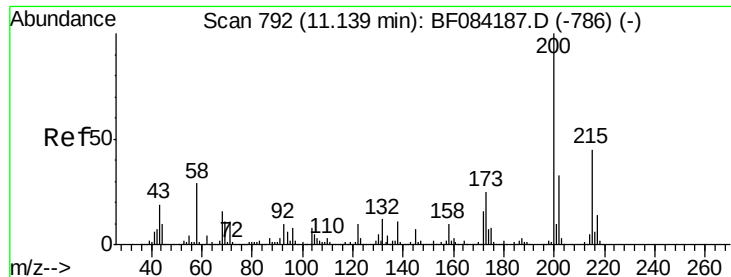
Sohil
 1/5/2016 1:26:44 PM



#67
 Hexachlorobenzene
 Concen: 41.63 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF084241.D
 Acq: 4 Jan 2016 16:17

Tgt Ion:	284	Resp:	452951
Ion Ratio	Lower	Upper	
284	100		
142	29.1	22.2	33.4
249	31.1	24.6	37.0





#68

Atrazine

Concen: 23.56 ng

RT: 11.17 min Scan# 795

Delta R.T. 0.03 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

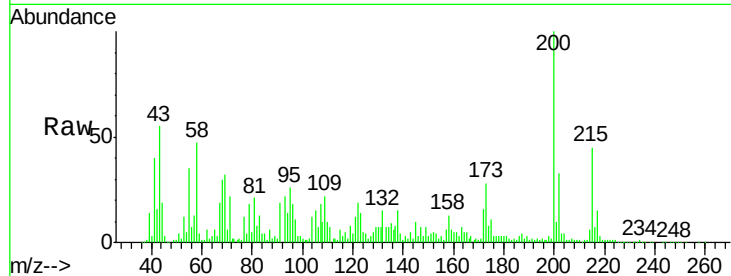
ClientSampleId :

S8-0529MS

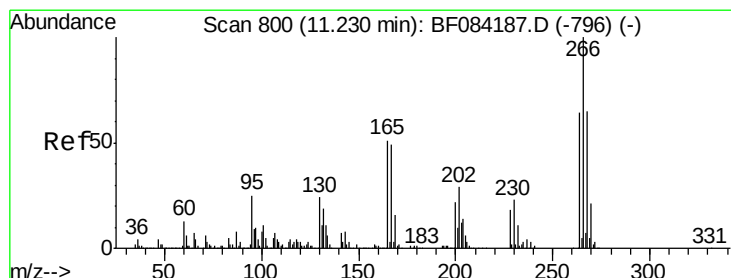
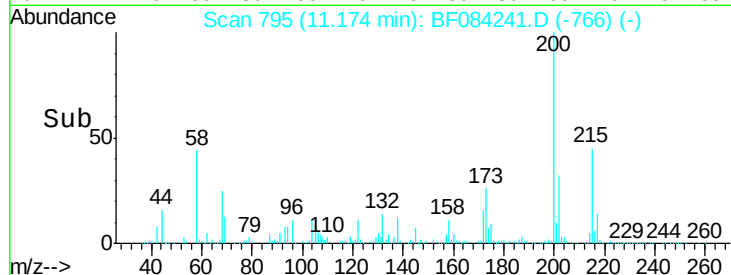
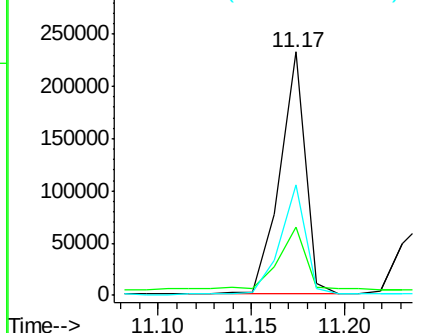
Tot Ion:	200	Resp:	221378
Ion Ratio	Lower	Upper	
200	100		
173	27.9	9.5	49.5
215	45.4	23.8	63.8

Manual Integrations
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1/5/2016 1:26:44 PM



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



#69

Pentachlorophenol

Concen: 71.99 ng

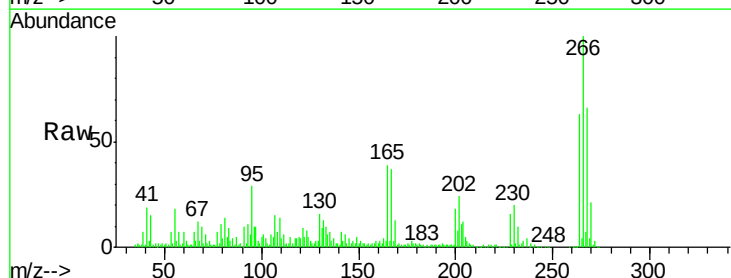
RT: 11.24 min Scan# 801

Delta R.T. 0.01 min

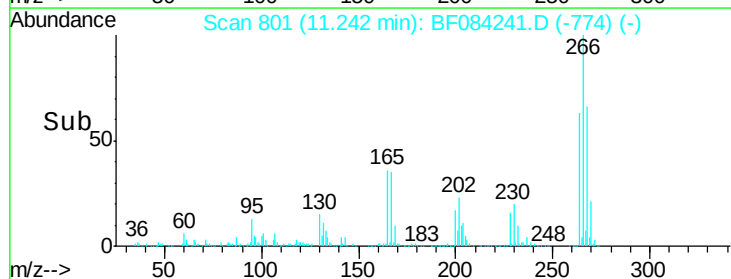
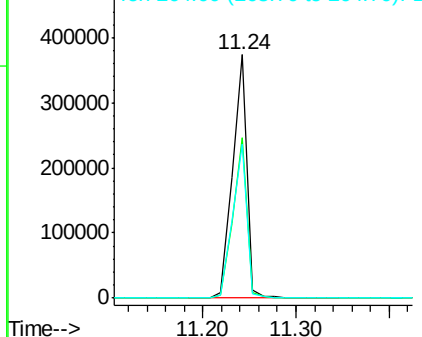
Lab File: BF084241.D

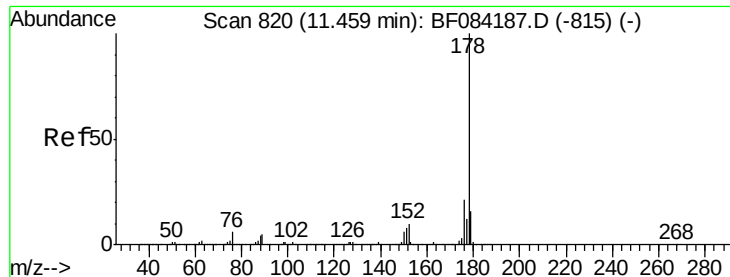
Acq: 4 Jan 2016 16:17

Tgt Ion:	266	Resp:	406109
Ion Ratio	Lower	Upper	
266	100		
268	65.8	52.4	78.6
264	63.1	50.2	75.2



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





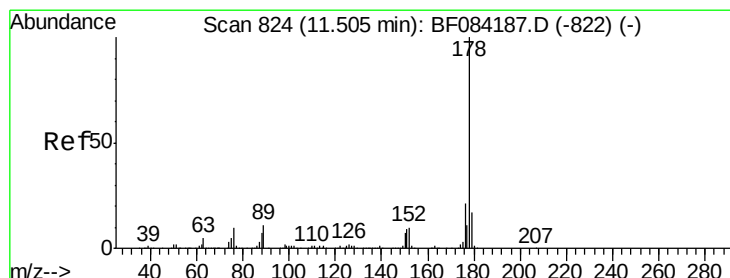
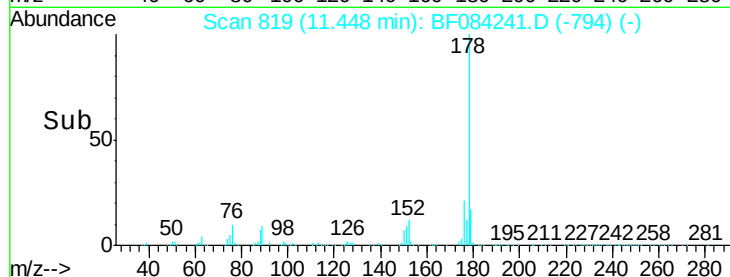
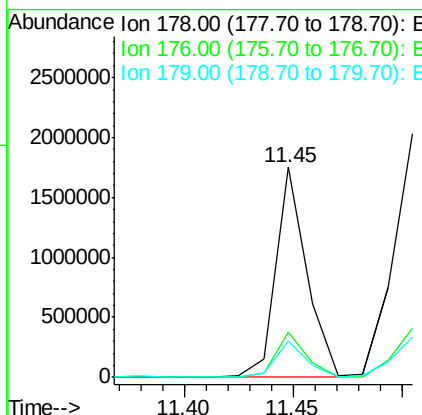
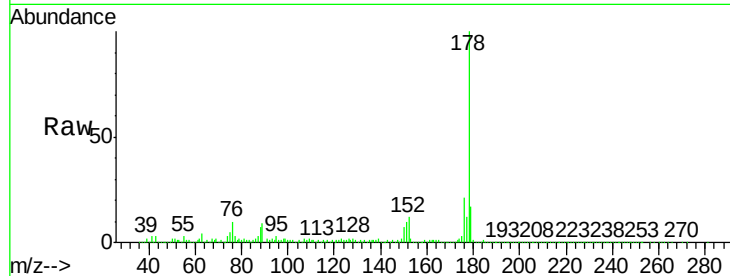
#70
Phenanthrene
Concen: 36.55 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion:178 Resp: 1716959
Ion Ratio Lower Upper
178 100
176 21.4 15.3 22.9
179 17.2 12.0 18.0

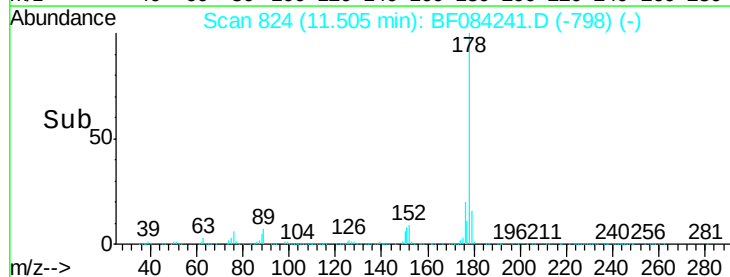
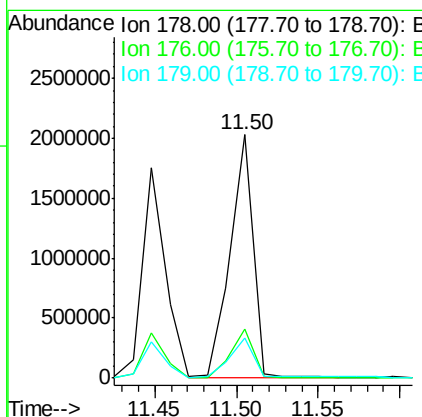
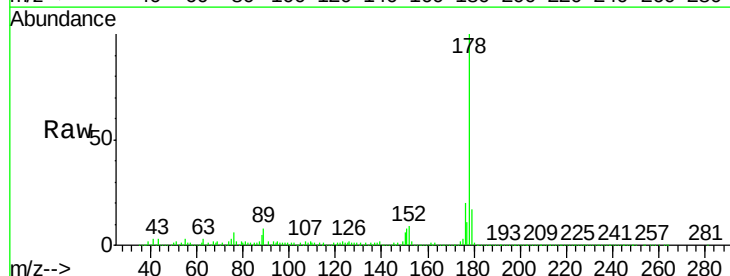
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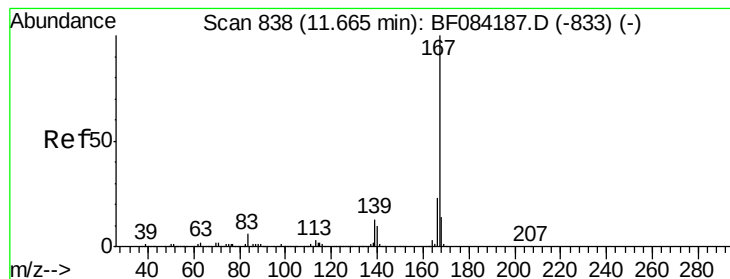
Sohil
1/5/2016 1:26:44 PM



#71
Anthracene
Concen: 41.98 ng
RT: 11.50 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion:178 Resp: 1933054
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.0
179 16.5 12.5 18.7





#72

Carbazole

Concen: 31.67 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion:167 Resp: 1425584

Ion Ratio Lower Upper

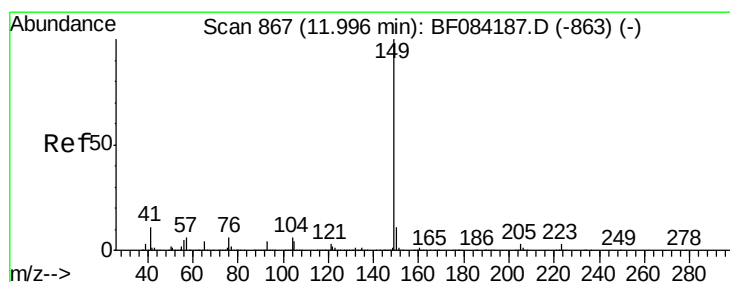
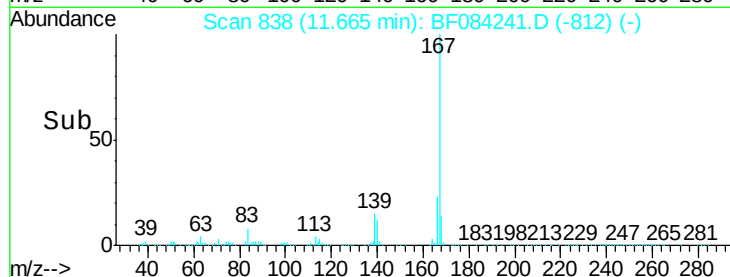
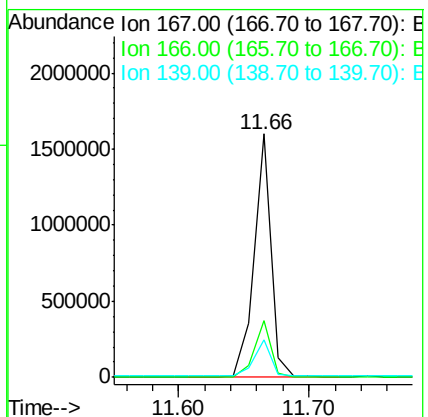
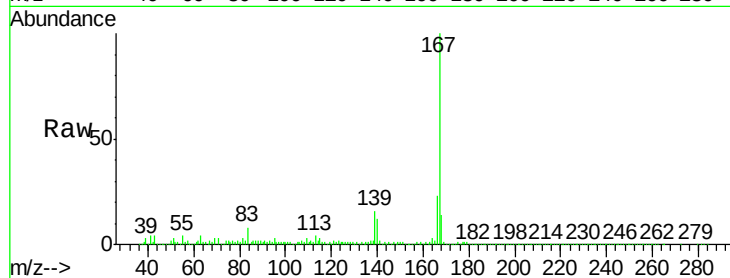
167 100

166 23.1 17.6 26.4

139 15.6 11.8 17.8

Manual Integrations
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1/5/2016 1:26:44 PM



#73

Di-n-butylphthalate

Concen: 39.78 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

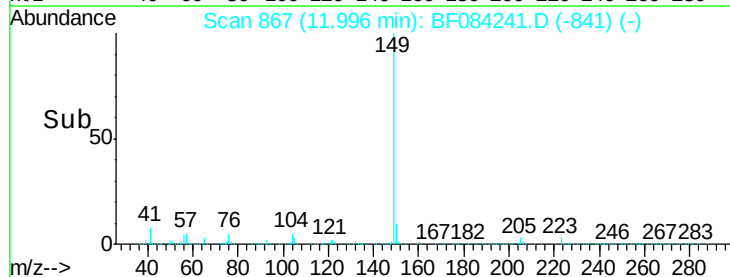
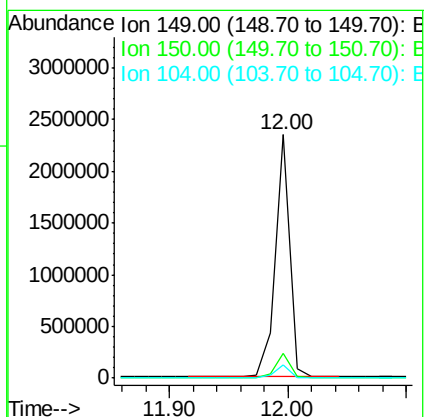
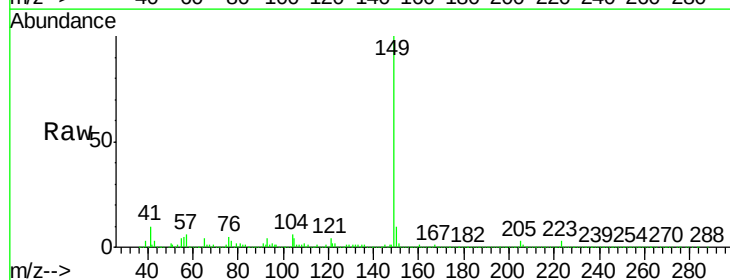
Tgt Ion:149 Resp: 1962420

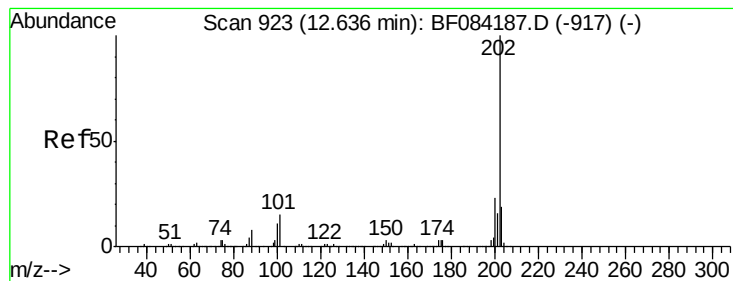
Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

104 5.6 3.2 4.8#





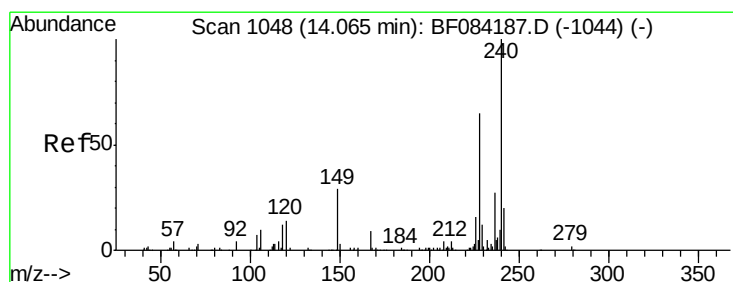
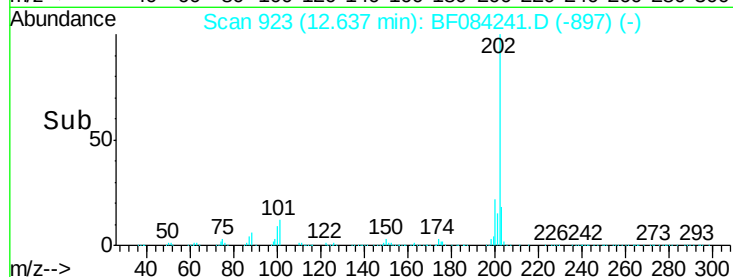
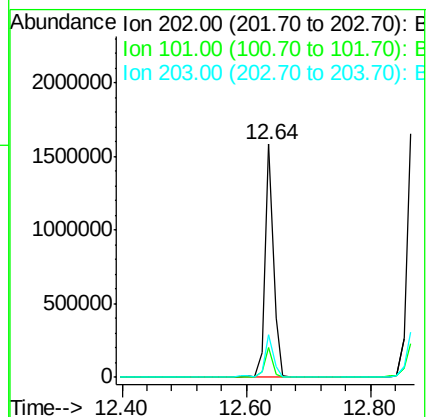
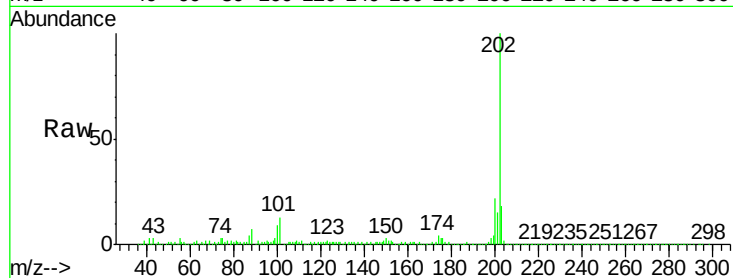
#74
Fluoranthene
Concen: 30.34 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.8
203	18.4	0.0	37.9

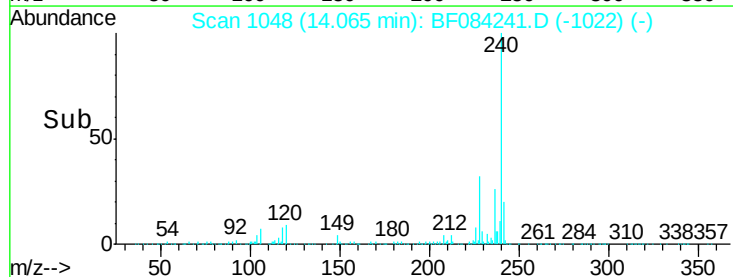
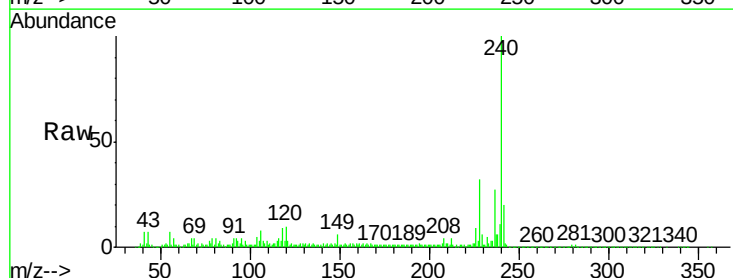
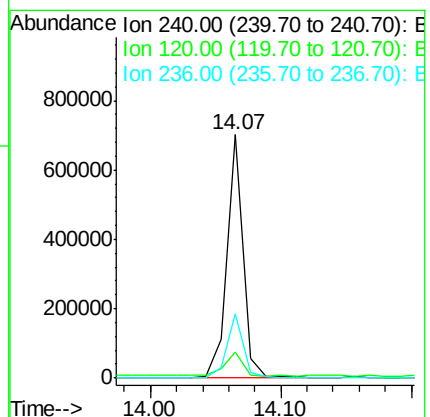
Manual Integrations
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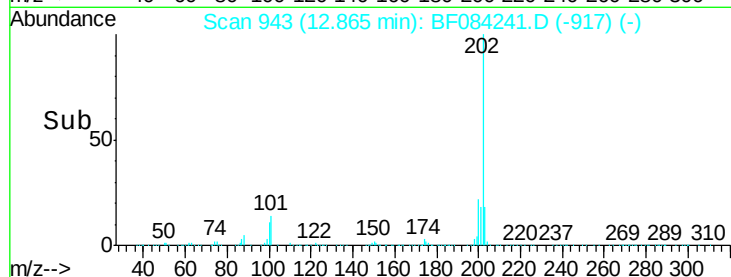
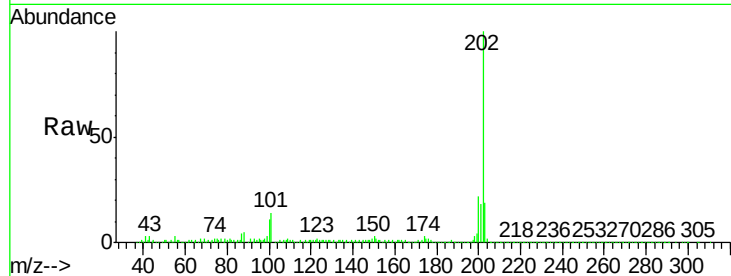
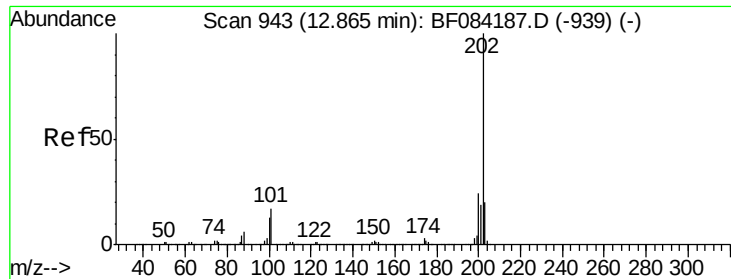
Sohil
1/5/2016 1:26:44 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.6	20.6	31.0





#77

Pvrene

Concen: 31.83 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084241.D

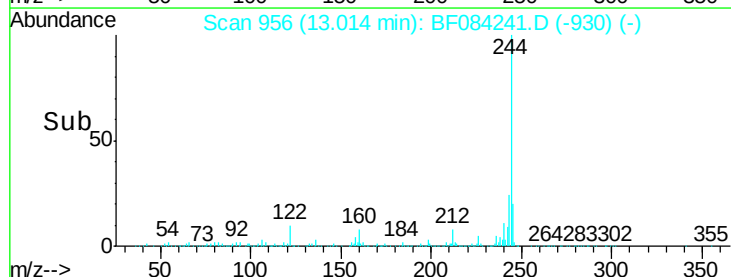
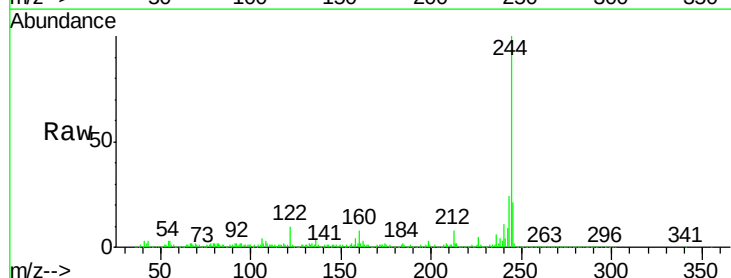
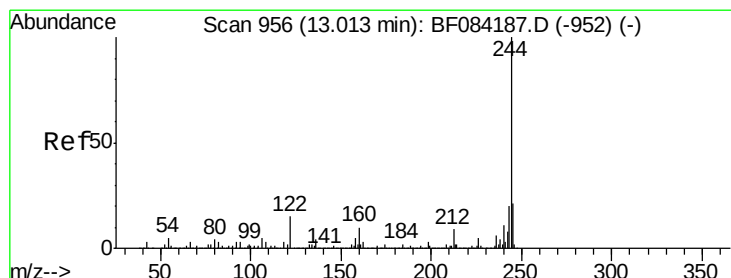
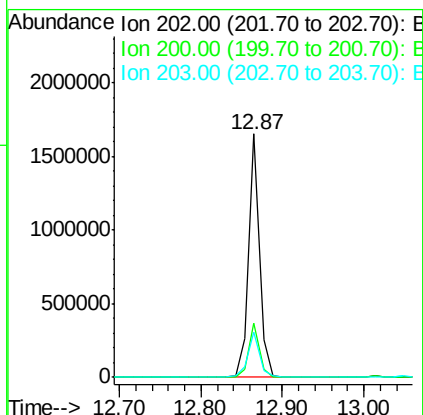
Acq: 4 Jan 2016 16:17

Tot Ion:	202	Resp:	1499917
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.2	25.8
203	18.6	14.3	21.5

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Manual Integrations
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#78

Terphenyl-d14

Concen: 66.15 ng

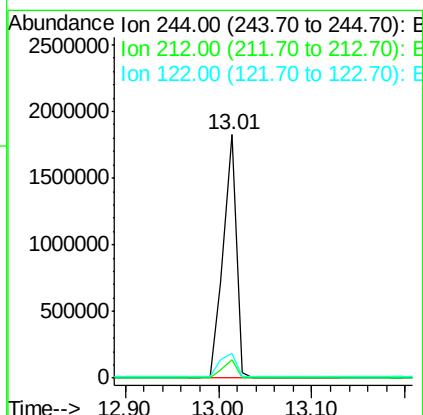
RT: 13.01 min Scan# 956

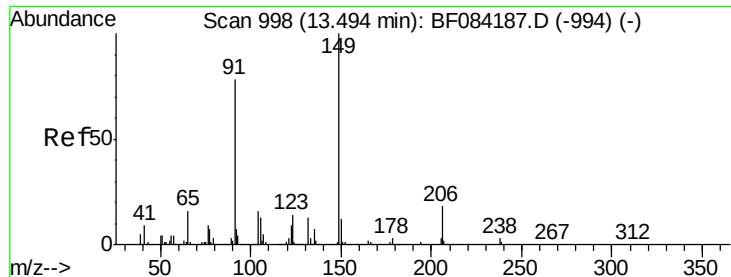
Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Tgt Ion:	244	Resp:	1779580
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	10.2	7.4	11.0





#79

Butylbenzylphthalate

Concen: 33.52 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

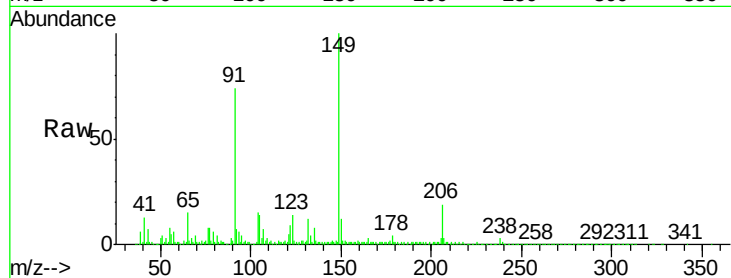
ClientSampleId :

S8-0529MS

Tot Ion:	149	Resp:	683574
Ion Ratio	Lower	Upper	
149	100		
91	74.3	57.6	86.4
206	19.3	13.2	19.8

Manual Integrations
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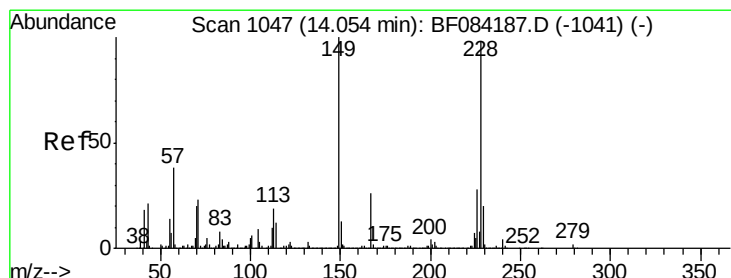
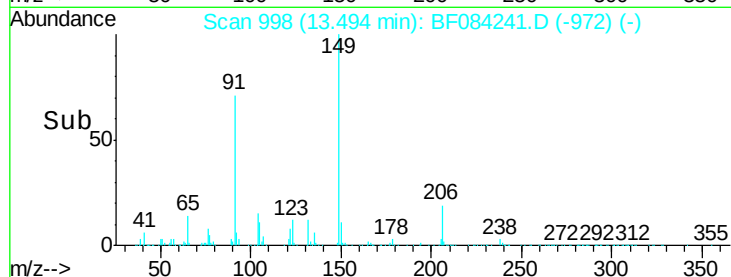
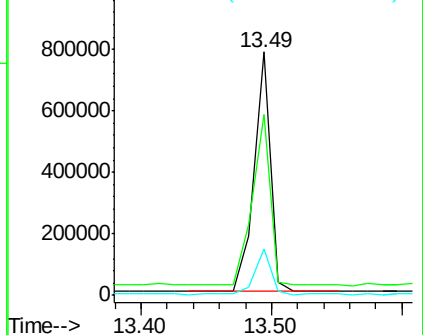
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.50 ng

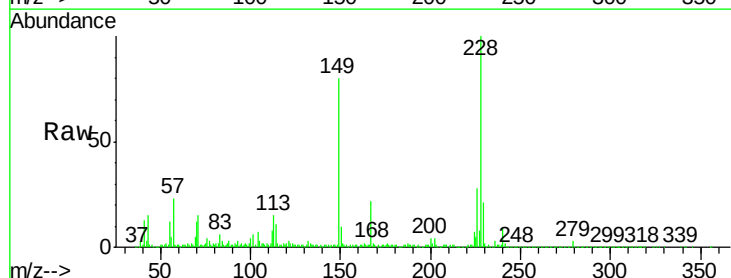
RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

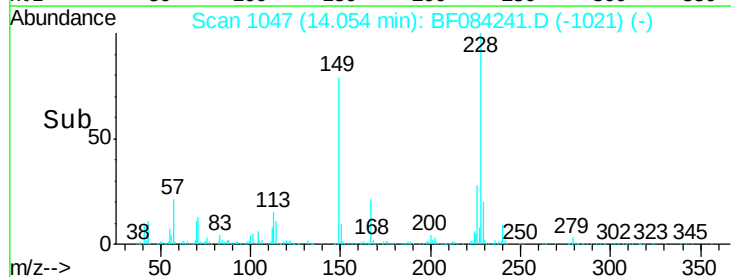
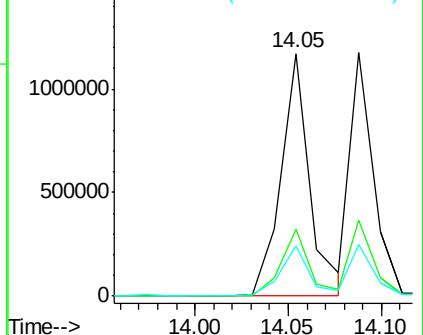
Tgt Ion:	228	Resp:	1251660
Ion Ratio	Lower	Upper	
228	100		
226	27.8	21.8	32.6
229	20.5	15.8	23.8

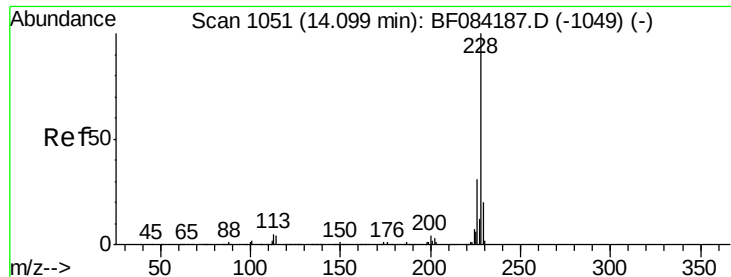


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 30.66 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion:228 Resp: 1038734

Ion Ratio Lower Upper

228 100

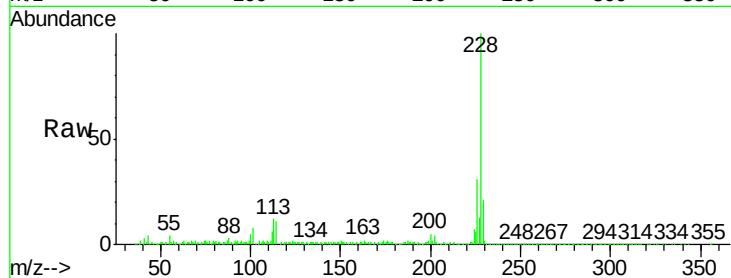
226 31.1 24.3 36.5

229 21.2 16.1 24.1

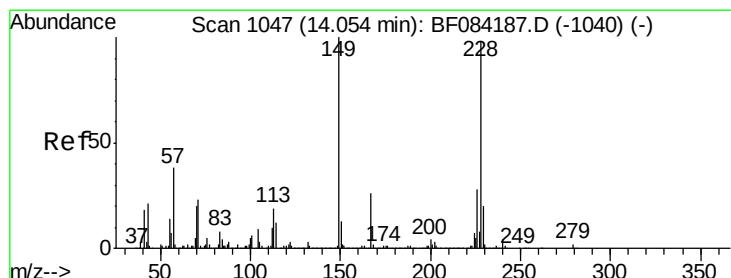
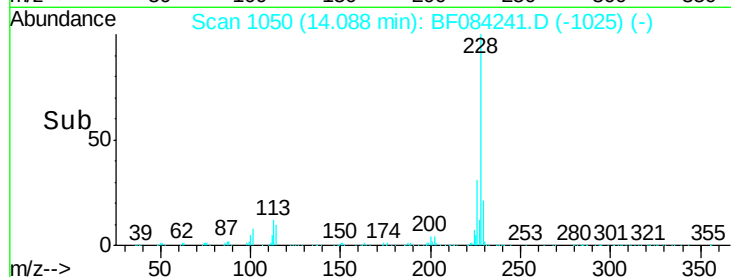
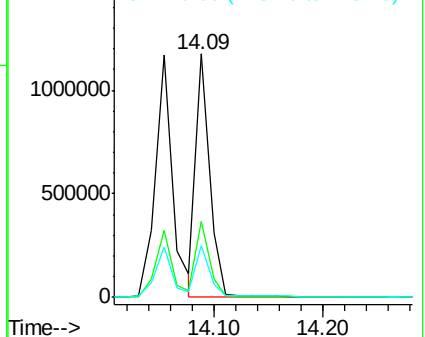
Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 33.11 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084241.D

Acq: 4 Jan 2016 16:17

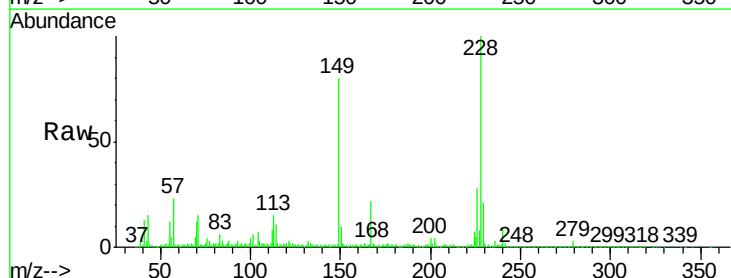
Tgt Ion:149 Resp: 853052

Ion Ratio Lower Upper

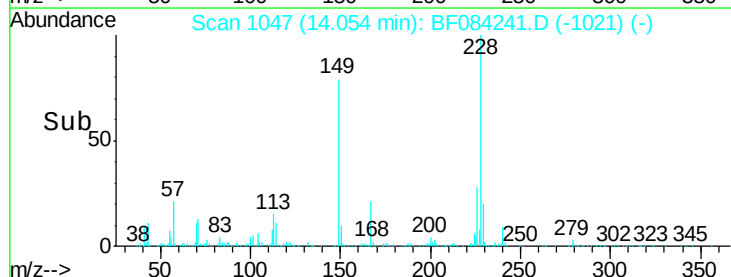
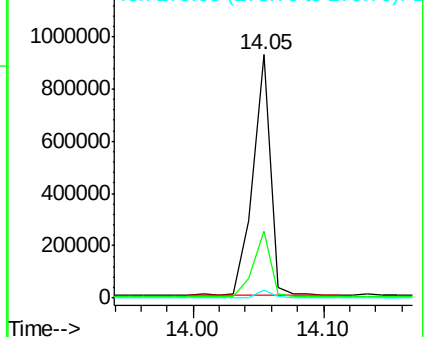
149 100

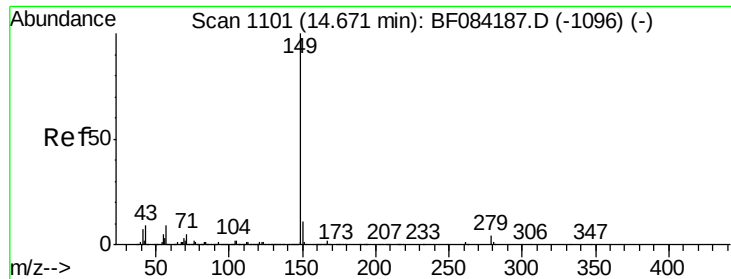
167 27.3 19.7 29.5

279 3.3 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





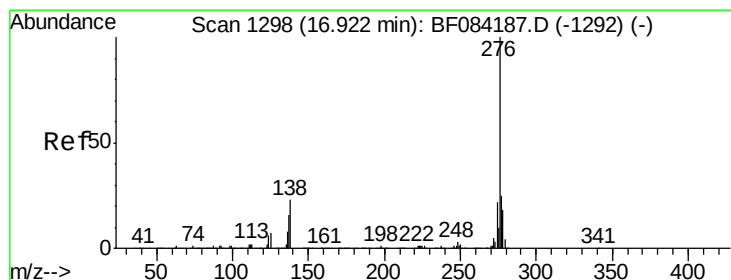
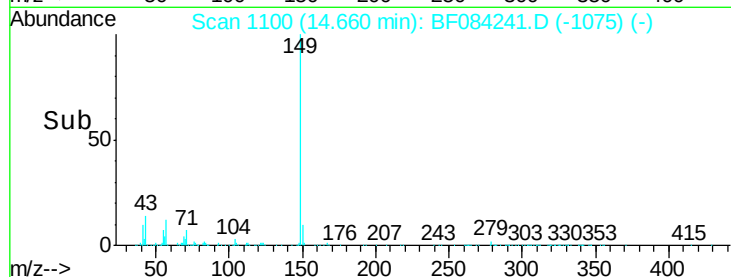
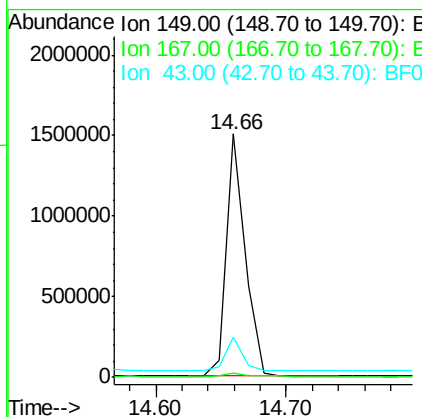
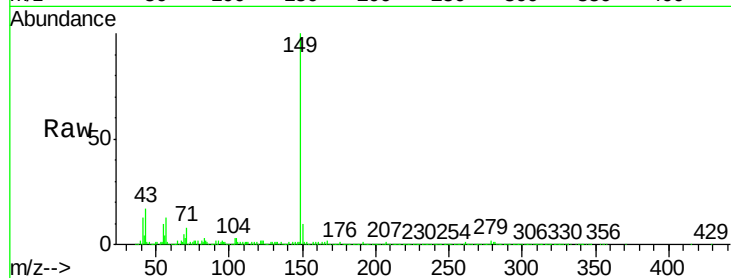
#84
Di-n-octyl phthalate
Concen: 34.31 ng
RT: 14.66 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	13.0	5.6	8.4

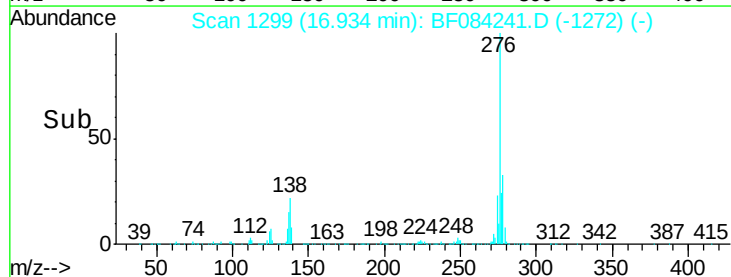
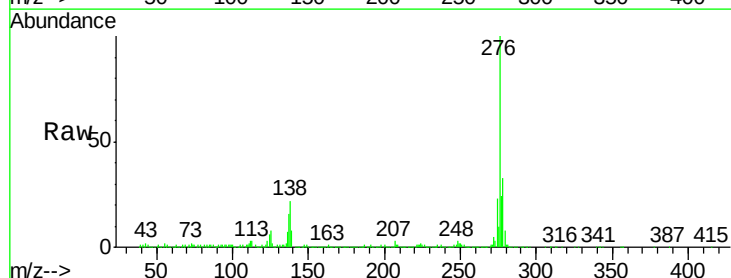
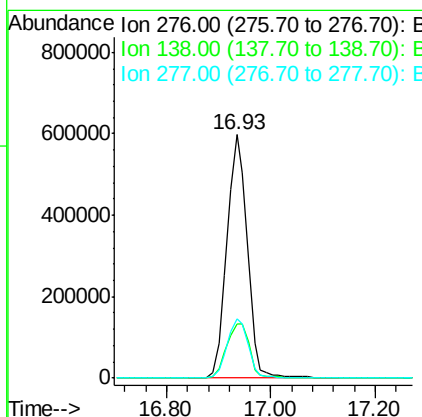
Manual Integrations
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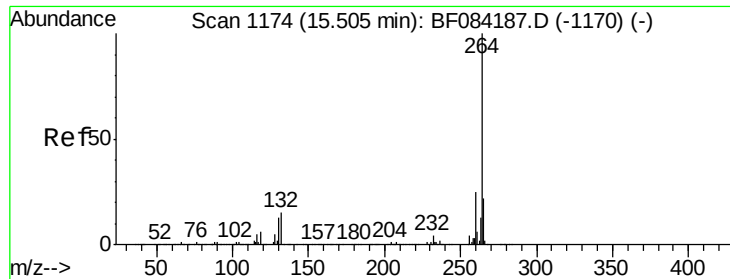
Sohil
1/5/2016 1:26:44 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 60.76 ng
RT: 16.93 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.6	30.8
277	25.0	20.1	30.1





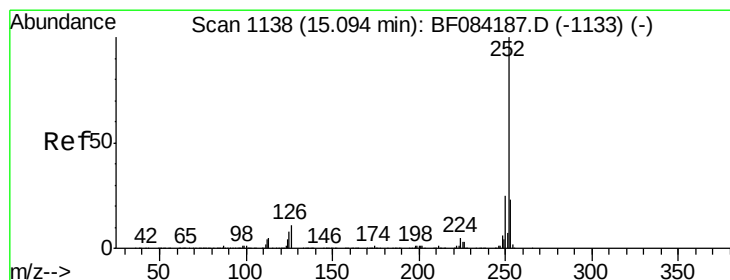
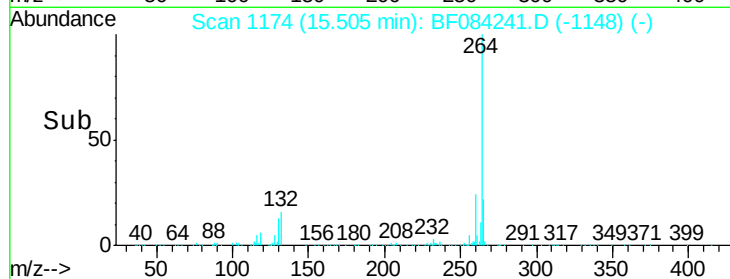
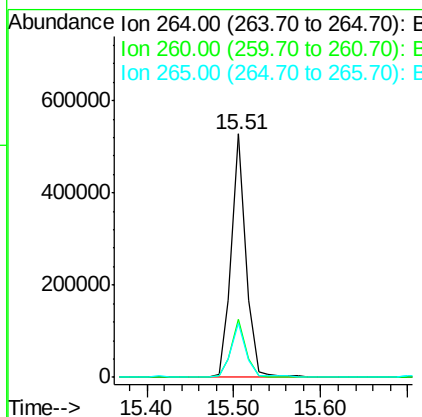
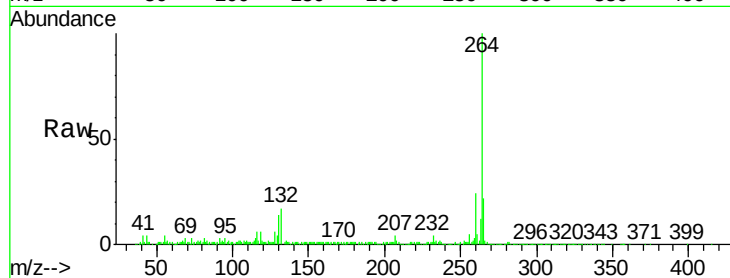
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.2	17.8	26.6

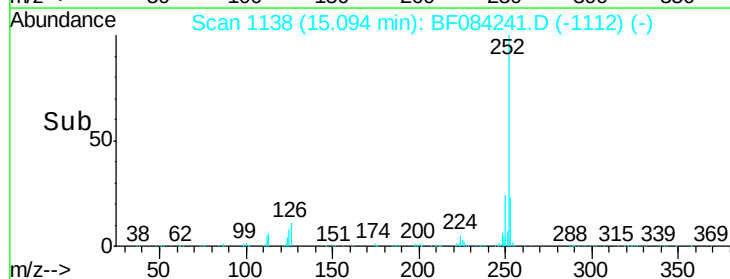
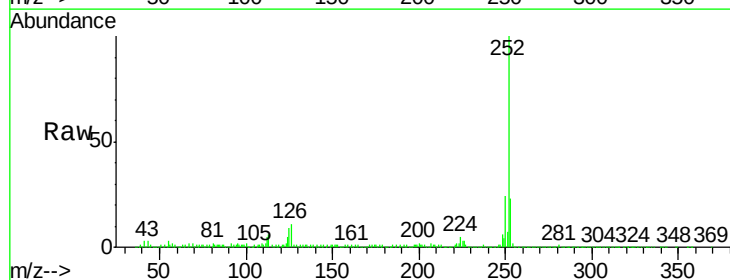
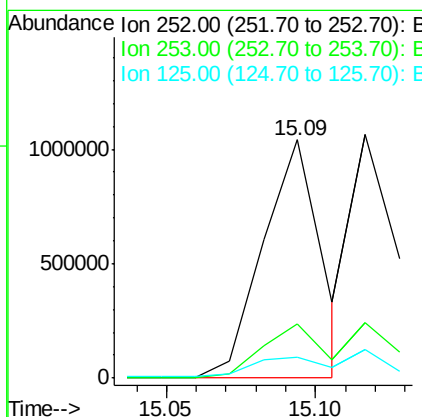
Manual Integrations
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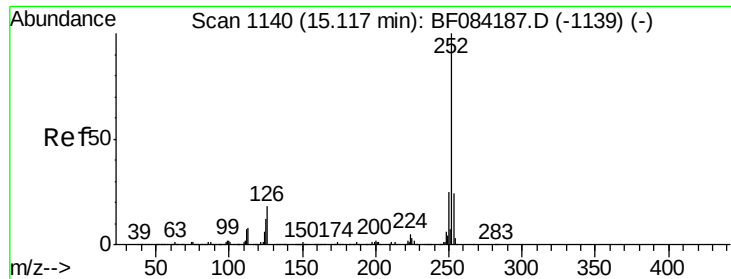
Sohil
1/5/2016 1:26:44 PM



#87
Benzo(b)fluoranthene
Concen: 35.09 ng m
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	8.8	6.5	9.7





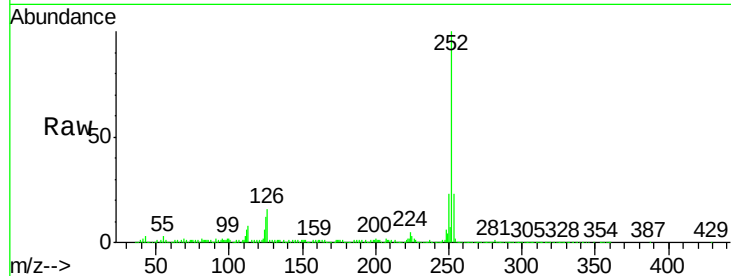
#88
Benzo(k)fluoranthene
Concen: 34.65 ng m
RT: 15.12 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

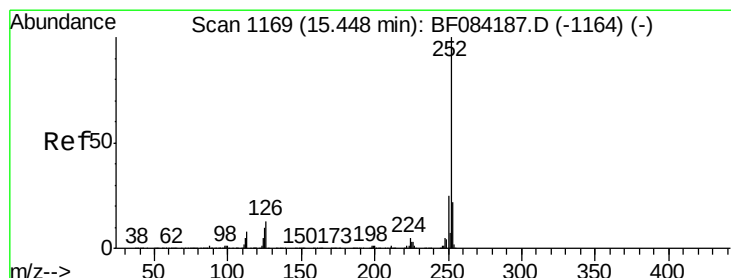
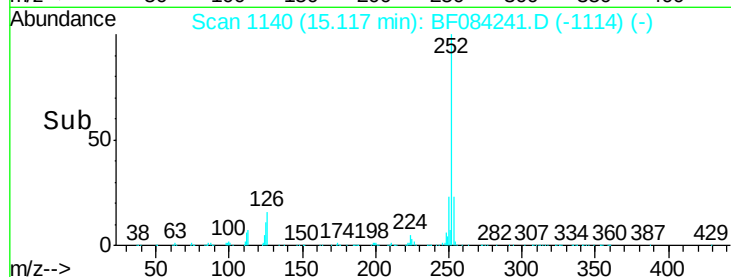
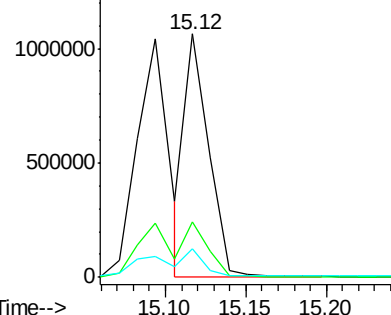
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.7	9.0	13.6

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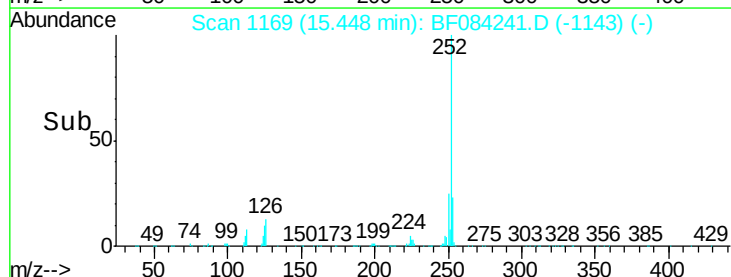
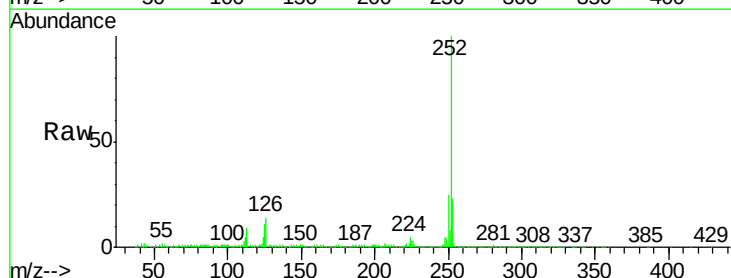
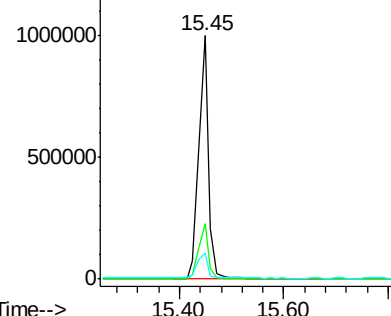
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

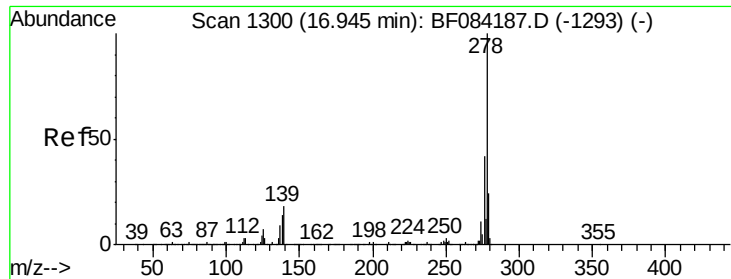


#89
Benzo(a)pyrene
Concen: 37.77 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	10.8	7.0	10.4

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





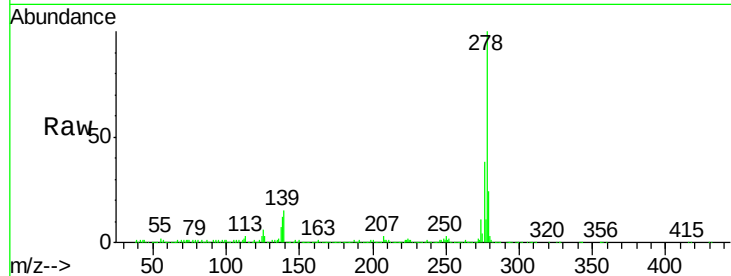
#90
Dibenzo(a,h)anthracene
Concen: 45.49 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	15.0	22.4#
279	24.4	18.9	28.3

Manual Integrations
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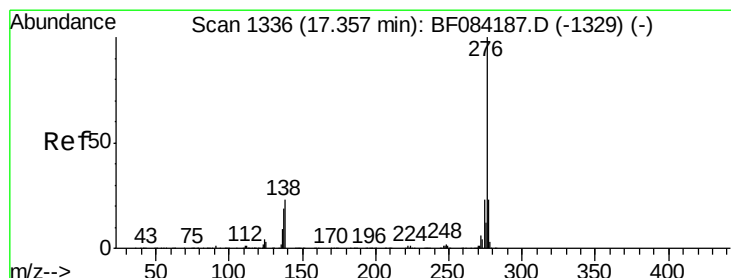
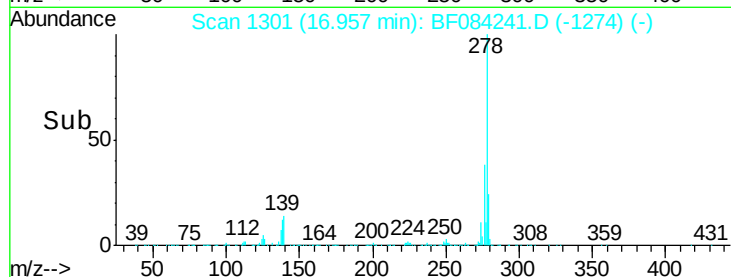
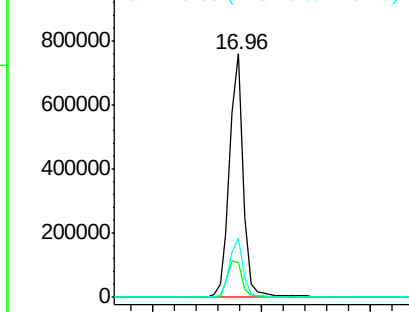


Abundance

Ion 278.00 (277.70 to 278.70): E

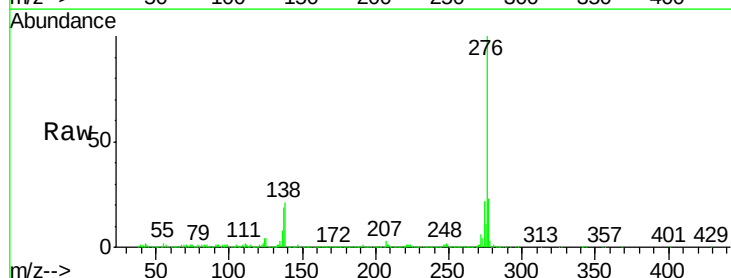
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 45.83 ng
RT: 17.37 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF084241.D
Acq: 4 Jan 2016 16:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	20.6	17.8	26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

