

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084225.D
 Acq On : 1 Jan 2016 5:15
 Operator : UM/SJ
 Sample : G4981-02MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

Manual Integrations
 APPROVED

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 1/4/2016 4:29:50 PM

Quant Time: Jan 02 03:05:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	284954	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1120453	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	491625	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	741193	20.00	ng	0.01
75) Chrysene-d12	14.08	240	496670	20.00	ng	0.01
86) Perylene-d12	15.52	264	557154	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	869713	49.37	ng	0.01
7) Phenol-d6	6.53	99	756968	34.21	ng	0.00
23) Nitrobenzene-d5	7.47	82	1387580	68.92	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	419029	84.42	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2343981	83.78	ng	0.01
78) Terphenyl-d14	13.01	244	1465336	65.86	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	106481	12.76	ng	# 70
3) Pyridine	3.32	79	312505	13.43	ng	# 67
4) n-Nitrosodimethylamine	3.23	42	183626	15.37	ng	# 73
6) Aniline	6.58	93	532124	16.44	ng	# 82
8) 2-Chlorophenol	6.69	128	521308	26.08	ng	92
9) Benzaldehyde	6.44	77	160878	11.17	ng	90
10) Phenol	6.54	94	340898	13.55	ng	91
11) bis(2-Chloroethyl)ether	6.64	93	652379	33.48	ng	# 82
12) 1,3-Dichlorobenzene	6.84	146	617667	29.96	ng	# 94
13) 1,4-Dichlorobenzene	6.92	146	652513	31.56	ng	96
14) 1,2-Dichlorobenzene	7.07	146	583088	29.45	ng	95
15) Benzyl Alcohol	7.05	79	461895	24.82	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1158224	32.64	ng	84
17) 2-Methylphenol	7.16	107	372803	22.25	ng	93
18) Hexachloroethane	7.42	117	285126	34.48	ng	# 80
19) n-Nitroso-di-n-propylamine	7.32	70	513245	34.27	ng	# 69
20) 3+4-Methylphenols	7.32	107	422663	21.47	ng	# 75
22) Acetophenone	7.31	105	958534	35.58	ng	# 90
24) Nitrobenzene	7.49	77	755595	37.00	ng	89
25) Isophorone	7.73	82	1396469	36.27	ng	99
26) 2-Nitrophenol	7.80	139	294985	31.74	ng	# 70
27) 2,4-Dimethylphenol	7.85	122	525828	27.95	ng	96
28) bis(2-Chloroethoxy)methane	7.94	93	800528	34.04	ng	93
29) 2,4-Dichlorophenol	8.05	162	501209	31.99	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	569329	35.20	ng	96
31) Naphthalene	8.21	128	1846935	36.33	ng	98
32) Benzoic acid	7.96	122	161648	17.87	ng	95
33) 4-Chloroaniline	8.26	127	134399	5.77	ng	95
34) Hexachlorobutadiene	8.34	225	309666	33.30	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	538303	30.67	ng	97
37) 2-Methylnaphthalene	8.91	142	1288844	35.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	513713	36.35	ng	# 95
40) Hexachlorocyclopentadiene	9.06	237	540125	63.31	ng	97
42) 2,4,6-Trichlorophenol	9.18	196	323214	30.57	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	327308	32.29	nq	# 86
45) 1,1'-Biphenyl	9.37	154	1393224	35.66	nq	98
46) 2-Chloronaphthalene	9.39	162	1049863	34.21	nq	98
47) 2-Nitroaniline	9.49	65	394736	38.97	nq	92
48) Acenaphthylene	9.81	152	1749935	38.59	nq	96
49) Dimethylphthalate	9.68	163	1438162	40.92	nq	# 89
50) 2,6-Dinitrotoluene	9.73	165	290995	37.75	nq	# 60
51) Acenaphthene	9.98	154	1242921	40.87	nq	99
52) 3-Nitroaniline	9.90	138	89485	9.37	nq	# 74
53) 2,4-Dinitrophenol	10.01	184	199913	61.73	nq	# 81
54) Dibenzofuran	10.16	168	1532328	38.47	nq	93
55) 4-Nitrophenol	10.08	139	156273	22.54	nq	# 51
56) 2,4-Dinitrotoluene	10.13	165	392759	40.26	nq	97
57) Fluorene	10.50	166	1211434	39.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	258661	29.89	nq	# 92
59) Diethylphthalate	10.37	149	1262233	36.42	nq	98
60) 4-Chlorophenyl-phenylether	10.49	204	493914	37.03	nq	88
61) 4-Nitroaniline	10.51	138	139068	16.33	nq	97
62) Azobenzene	10.65	77	1349226	35.50	nq	88
64) 4,6-Dinitro-2-methylphenol	10.53	198	130046	29.33	nq	# 41
65) n-Nitrosodiphenylamine	10.61	169	1014592	42.81	nq	98
66) 4-Bromophenyl-phenylether	10.98	248	322669	40.45	nq	# 79
67) Hexachlorobenzene	11.05	284	357884	39.86	nq	# 88
68) Atrazine	11.17	200	223400	28.81	nq	97
69) Pentachlorophenol	11.24	266	313279	67.29	nq	96
70) Phenanthrene	11.46	178	1546750	39.90	nq	97
71) Anthracene	11.50	178	1464369	38.53	nq	98
72) Carbazole	11.66	167	1157426	31.15	nq	98
73) Di-n-butylphthalate	12.01	149	1635696	40.30	nq	98
74) Fluoranthene	12.65	202	1396908	34.49	nq	96
77) Pyrene	12.88	202	1396251	35.82	nq	99
79) Butylbenzylphthalate	13.51	149	601883	35.69	nq	# 87
80) Benzo(a)anthracene	14.07	228	1104659	37.88	nq	99
82) Chrysene	14.10	228	1083676	38.67	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	797980	37.45	nq	# 93
84) Di-n-octyl phthalate	14.67	149	1426209	39.65	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.95	276	1448221	65.19	nq	99
87) Benzo(b)fluoranthene	15.09	252	1409019m	38.66	nq	
88) Benzo(k)fluoranthene	15.13	252	885512m	29.71	nq	
89) Benzo(a)pyrene	15.46	252	1180786	38.20	nq	99
90) Dibenzo(a,h)anthracene	16.97	278	1184912	44.54	nq	95
91) Benzo(g,h,i)perylene	17.38	276	1242502	45.10	nq	98

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

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Sample    : G4981-02MS
Misc      :
ALS Vial  : 36    Sample Multiplier: 1

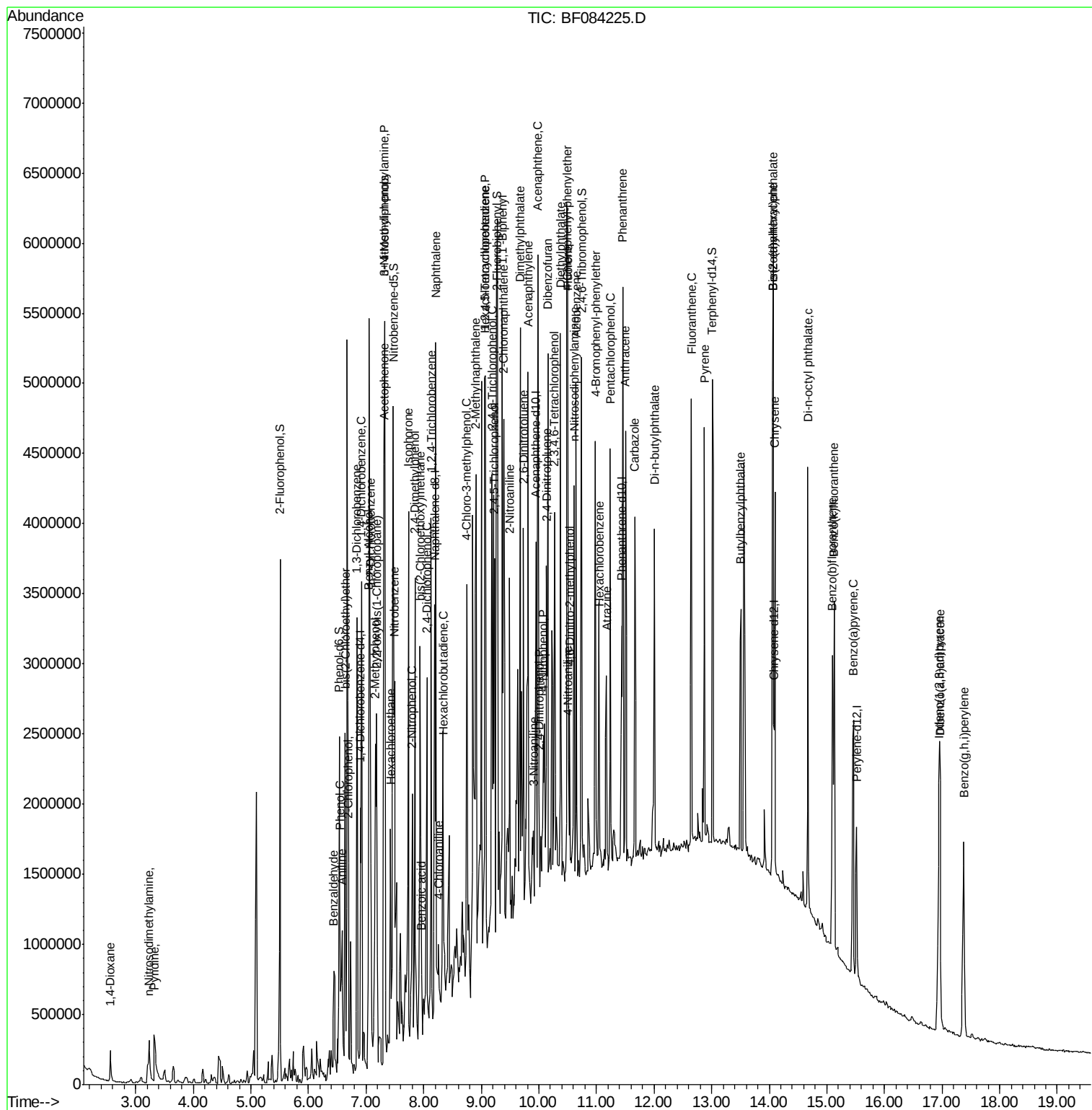
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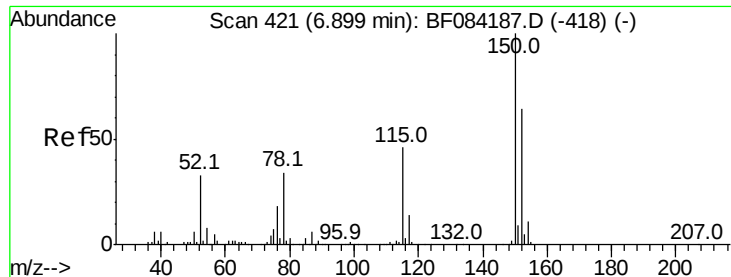
Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Manual Integrations APPROVED

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#1

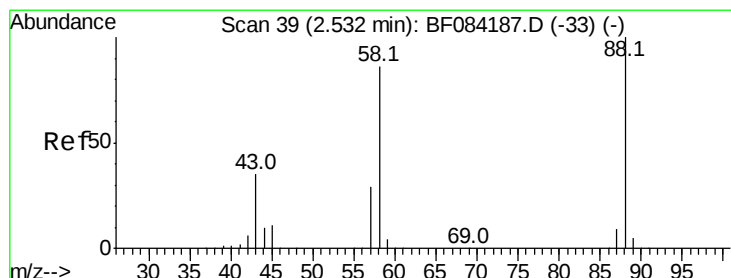
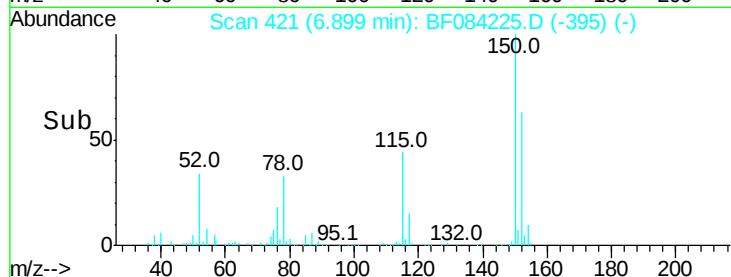
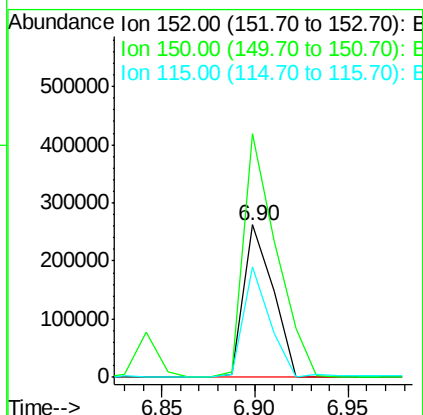
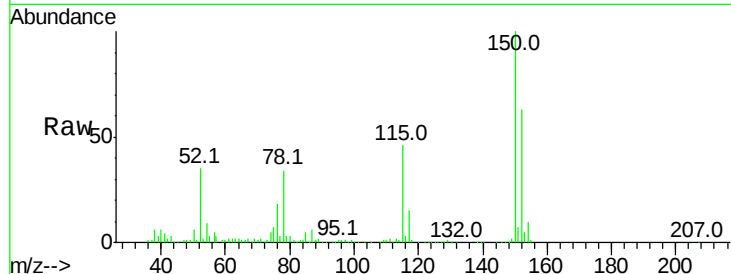
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampled :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.0	184.4
115	72.7	51.4	77.2

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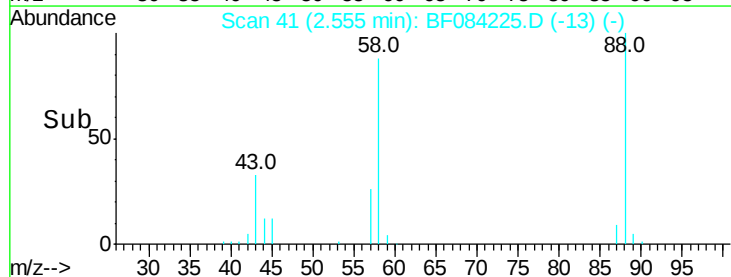
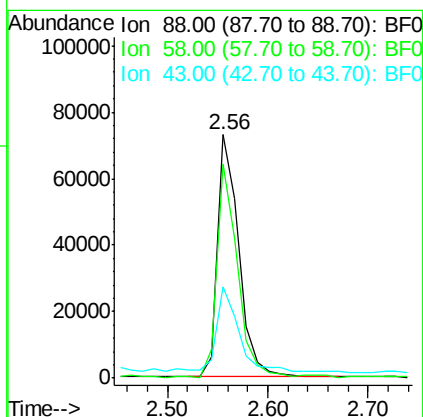
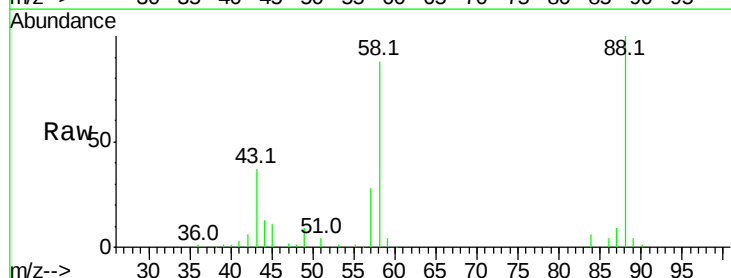
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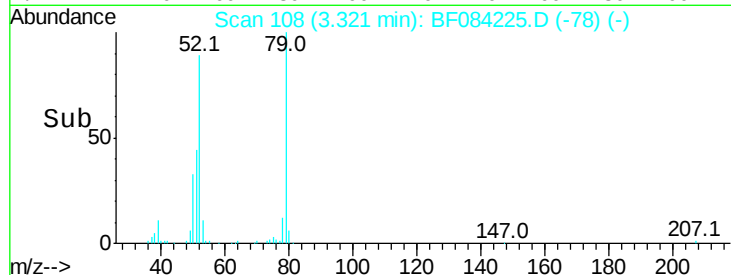
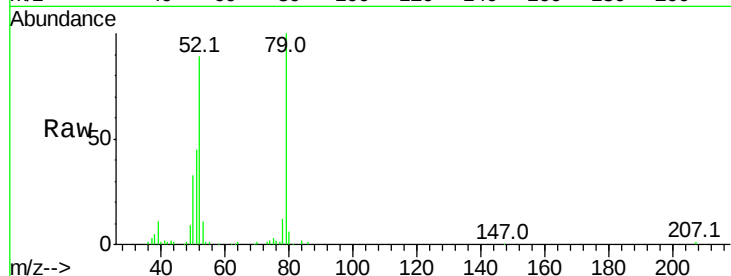
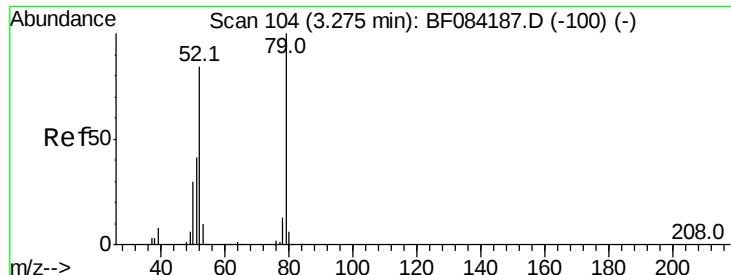


#2

1,4-Dioxane
Concen: 12.76 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.02 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	51.2	76.8#
43	38.5	19.5	29.3#





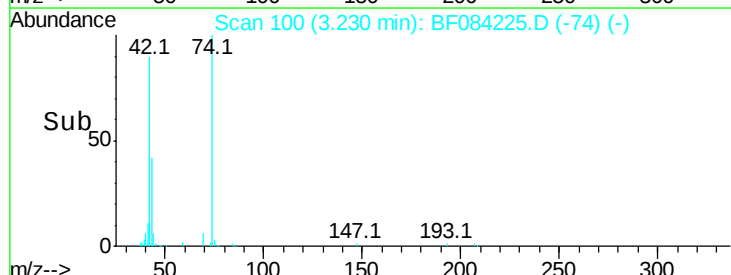
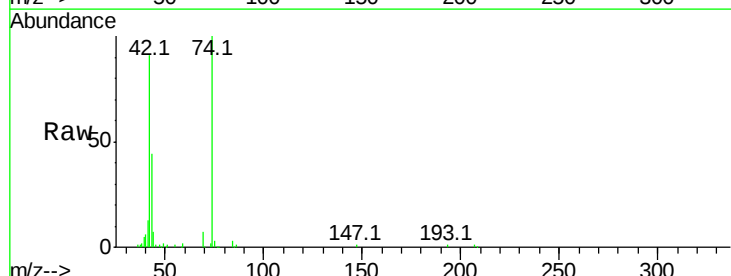
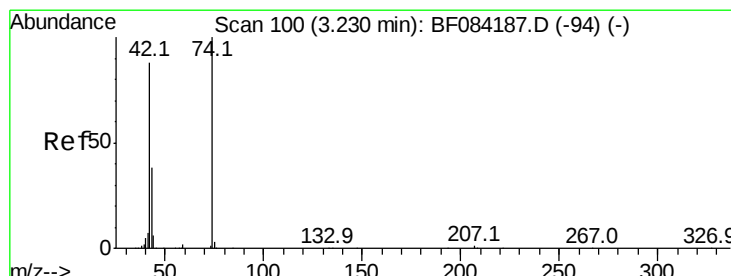
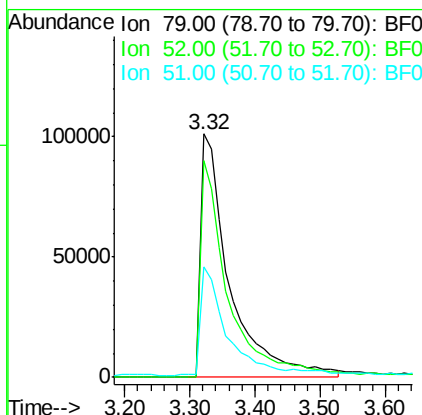
#3
 Pvridine
 Concen: 13.43 ng
 RT: 3.32 min Scan# 108
 Delta R.T. 0.05 min
 Lab File: BF084225.D
 Acq: 1 Jan 2016 5:15

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	89.1	49.0	73.4#
51	45.4	25.2	37.8#

Instrument :
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 ClientSampleId :
 S8-0529MS

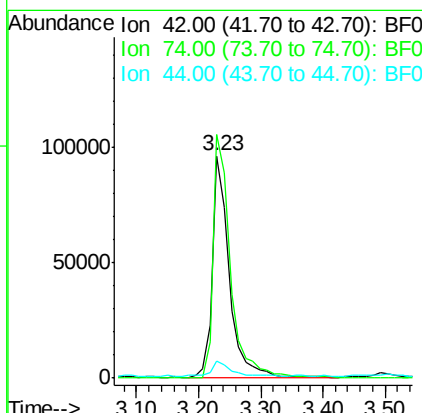
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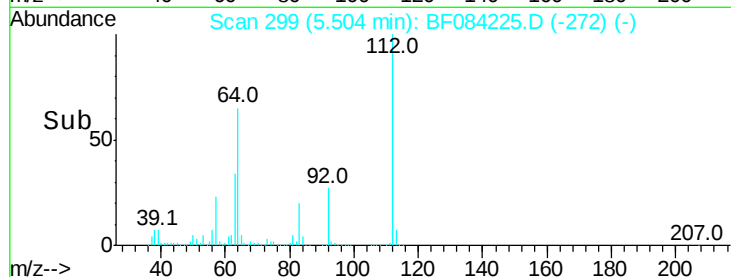
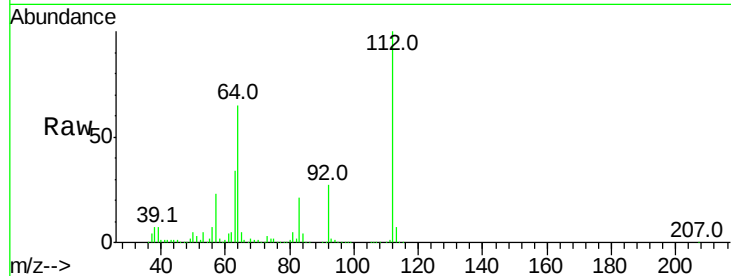
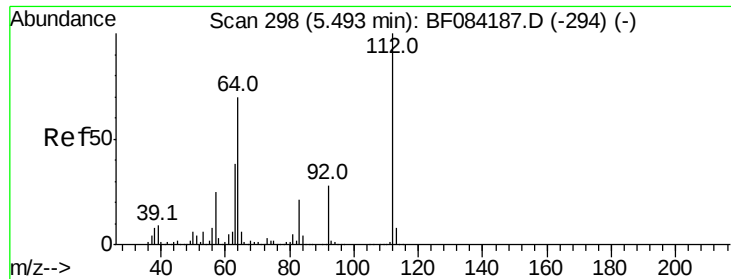
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#4
 n-Nitrosodimethylamine
 Concen: 15.37 ng
 RT: 3.23 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: BF084225.D
 Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	109.7	115.7	173.5#
44	7.5	5.1	7.7





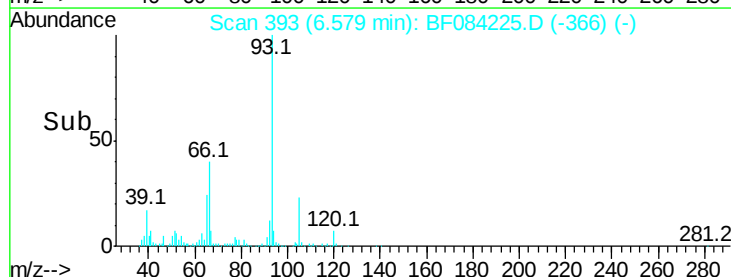
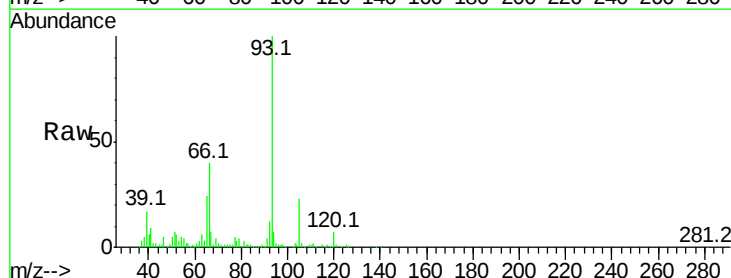
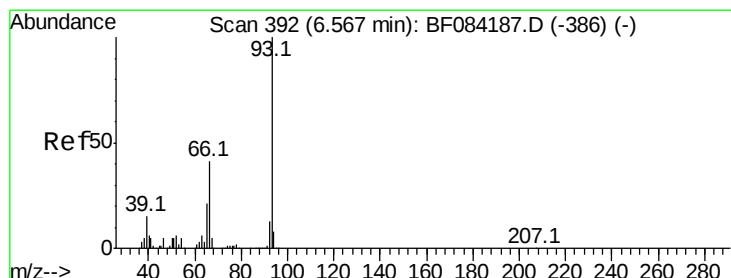
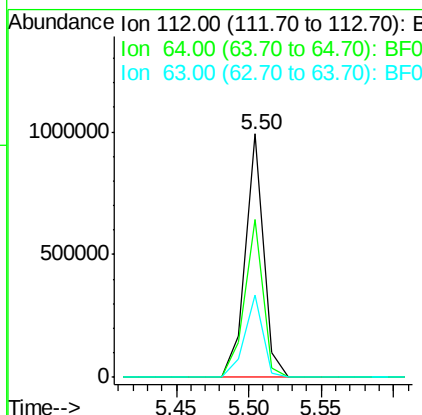
#5
2-Fluorophenol
Concen: 49.37 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	65.1	36.6	55.0#
63	33.8	19.4	29.0#

Instrument :
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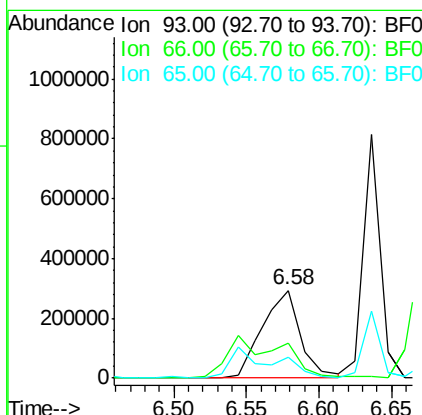
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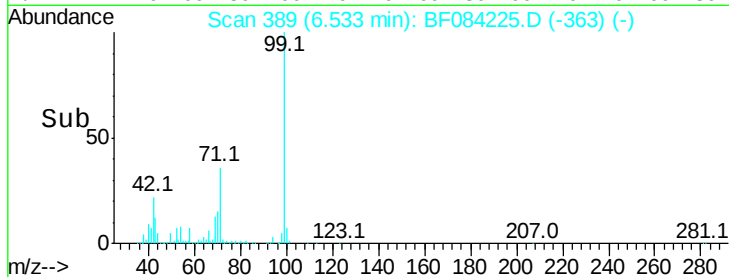
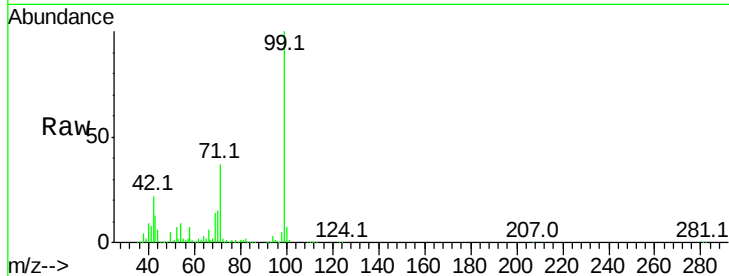
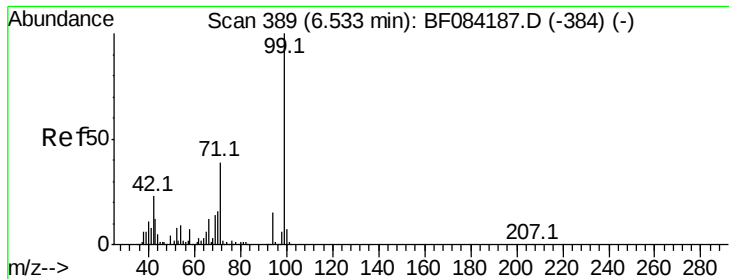
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#6
Aniline
Concen: 16.44 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.8	44.9	67.3#
65	23.7	23.7	35.5#





#7

Phenol-d6

Concen: 34.21 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tot Ion	99	Resp	756968
Ion Ratio	Lower	Upper	
99	100		
42	22.1	12.8	19.2#
71	36.5	30.9	46.3

Instrument :

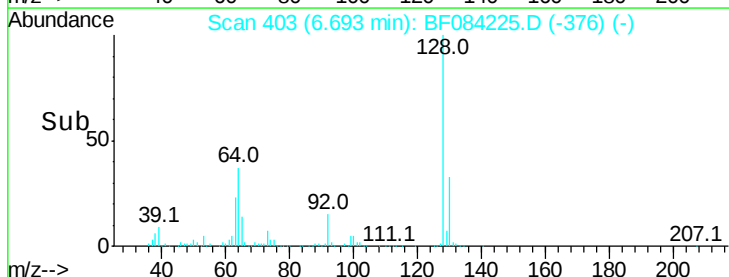
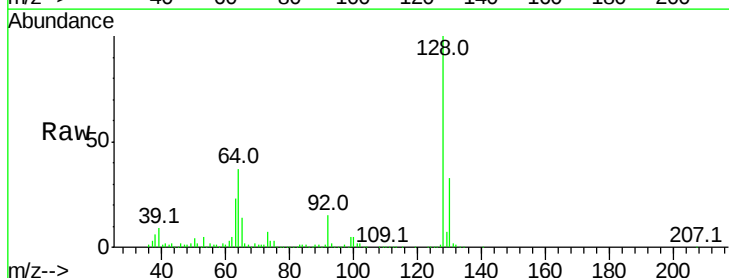
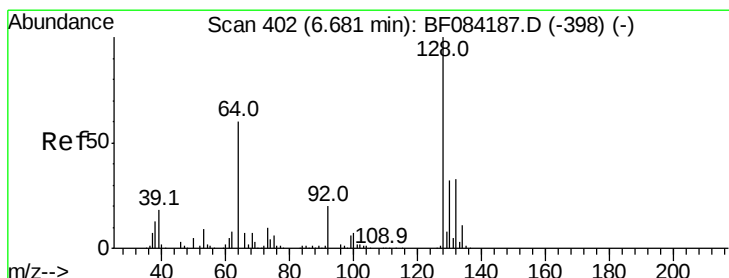
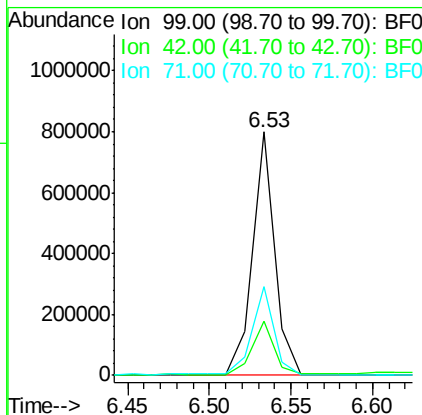
BNA_F

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#8

2-Chlorophenol

Concen: 26.08 ng

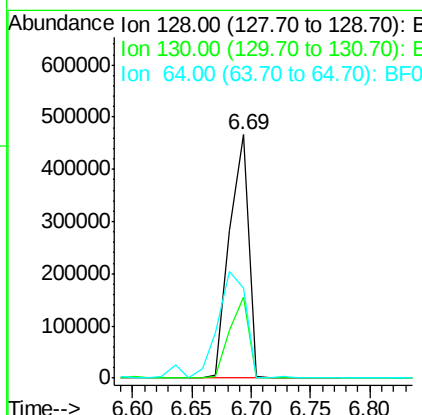
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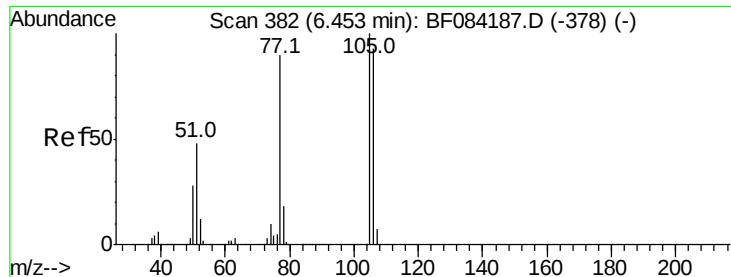
Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion	128	Resp	521308
Ion Ratio	Lower	Upper	
128	100		
130	33.1	11.6	51.6
64	36.8	23.8	63.8





#9

Benzaldehyde

Concen: 11.17 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

ClientSampled :

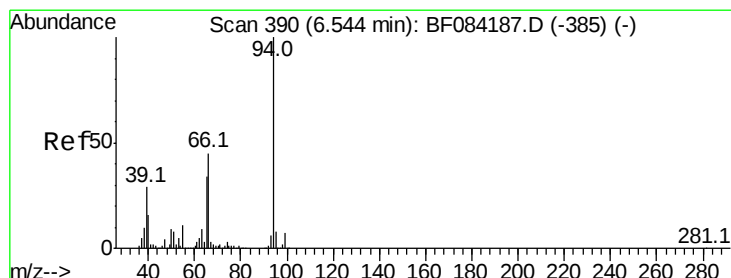
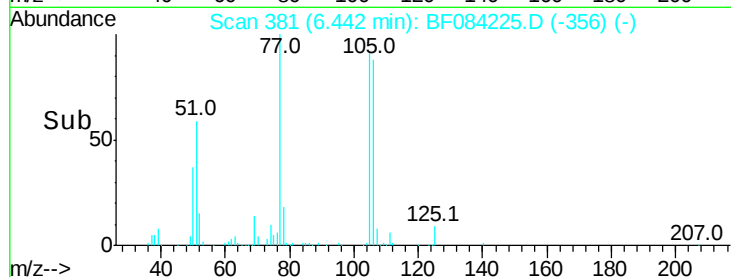
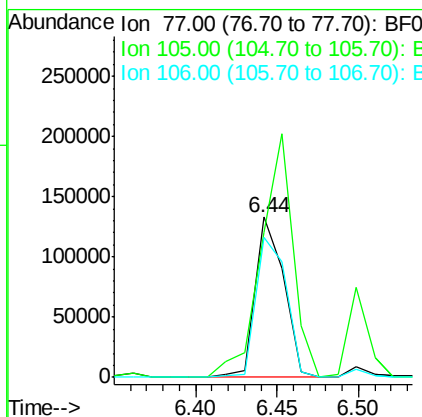
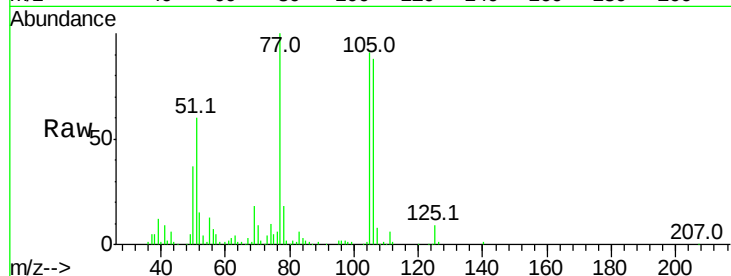
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Tot Ion:	77	Resp:	160878
Ion Ratio	Lower	Upper	
77	100		
105	90.6	83.0	123.0
106	87.8	74.6	114.6



#10

Phenol

Concen: 13.55 ng

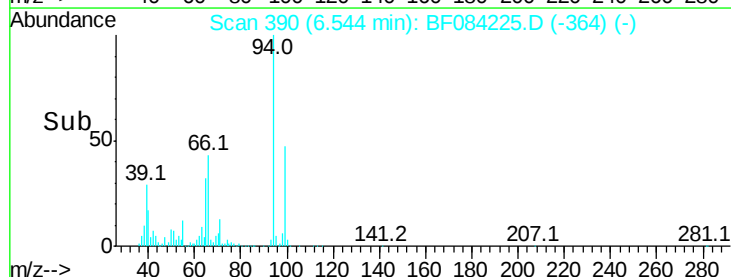
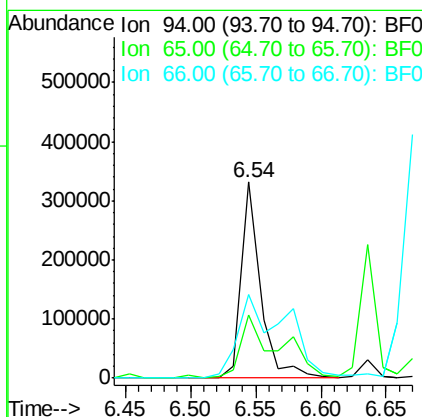
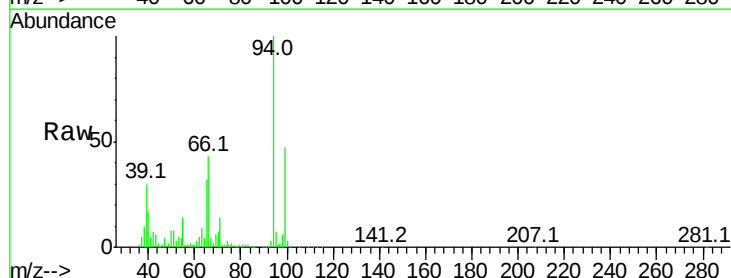
RT: 6.54 min Scan# 390

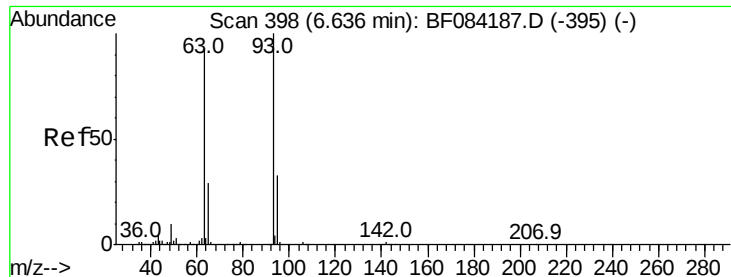
Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion:	94	Resp:	340898
Ion Ratio	Lower	Upper	
94	100		
65	32.0	12.9	52.9
66	42.6	32.7	72.7





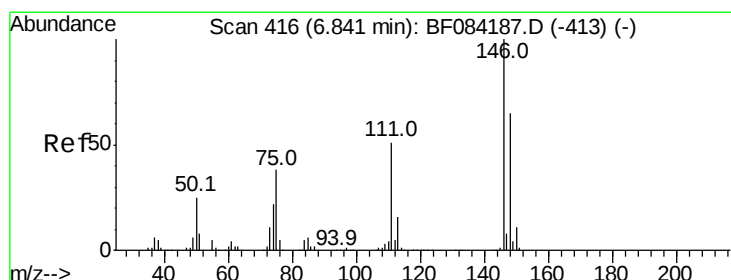
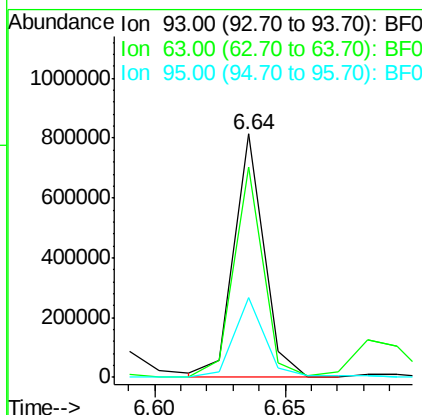
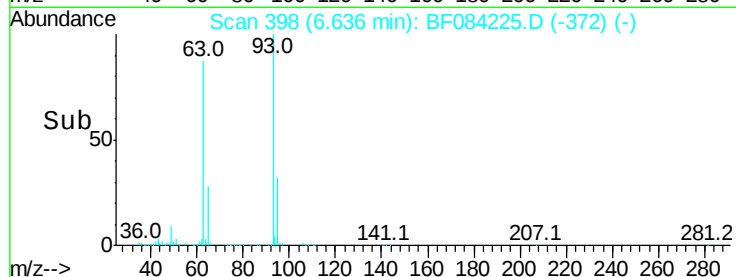
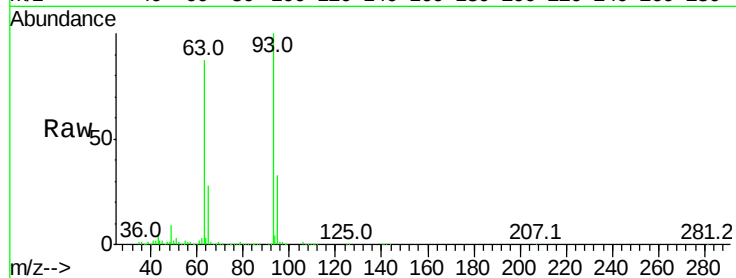
#11
bis(2-Chloroethyl)ether
Concen: 33.48 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	86.6	45.9	85.9#
95	33.0	12.3	52.3

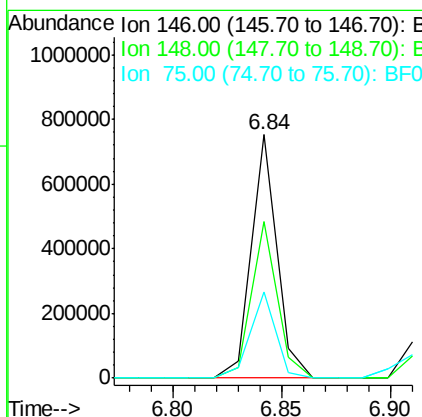
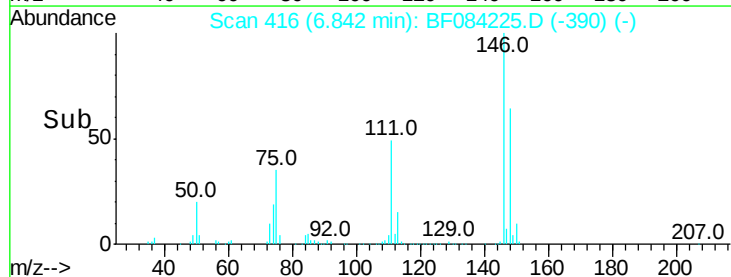
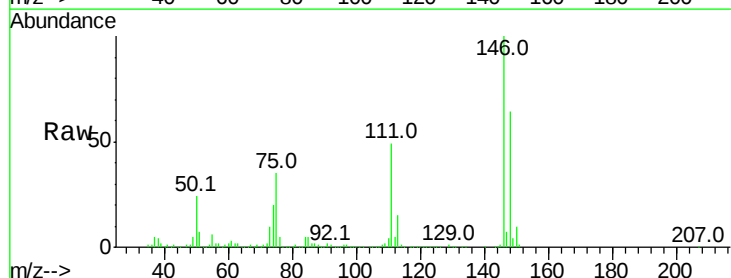
Manual Integrations
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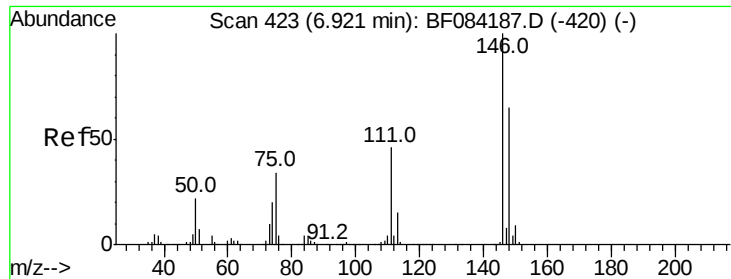
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#12
1,3-Dichlorobenzene
Concen: 29.96 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.3	51.9	77.9
75	35.4	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 31.56 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

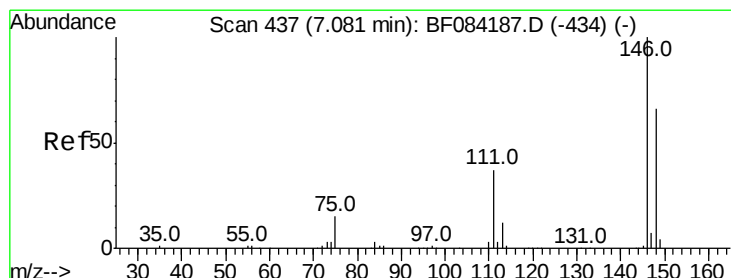
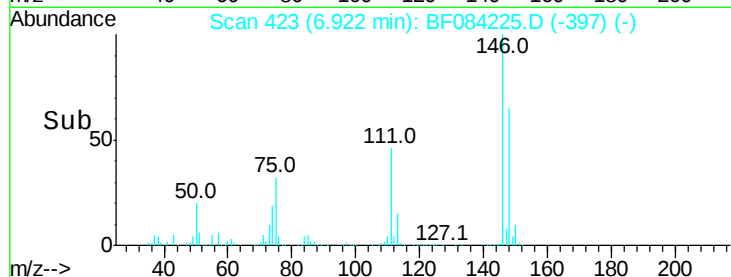
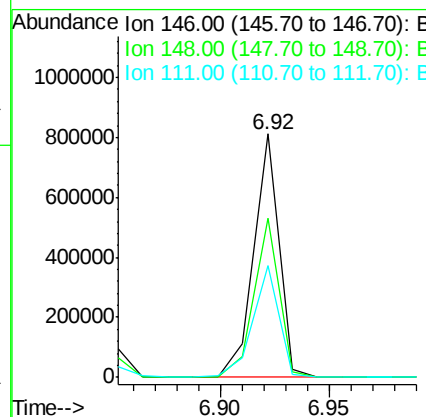
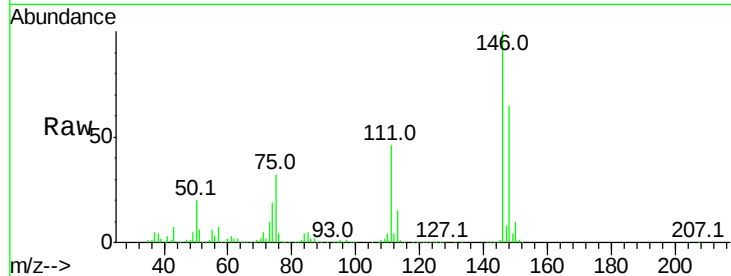
ClientSampleId :

S8-0529MS

Tot Ion:	146	Resp:	652513
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.9	77.9
111	45.8	41.6	62.4

Manual Integrations
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UMANGI
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#14

1,2-Dichlorobenzene

Concen: 29.45 ng

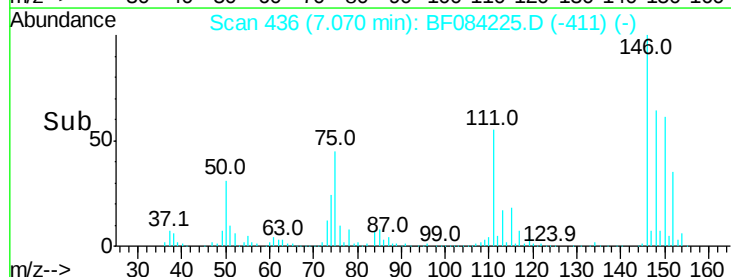
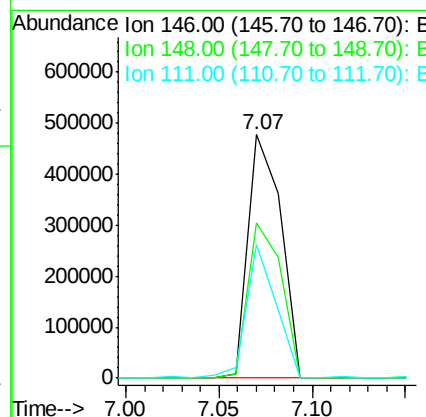
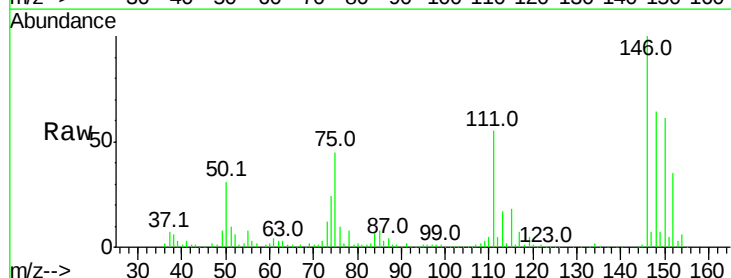
RT: 7.07 min Scan# 436

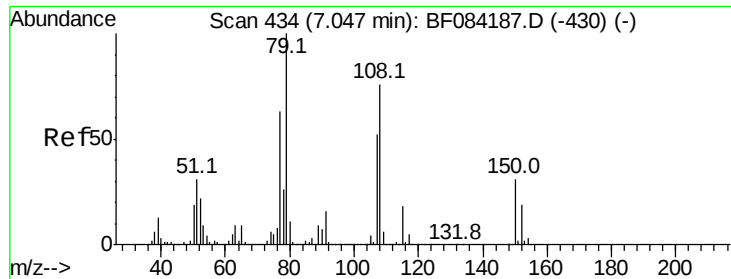
Delta R.T. -0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion:	146	Resp:	583088
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.6	77.4
111	54.8	38.0	57.0





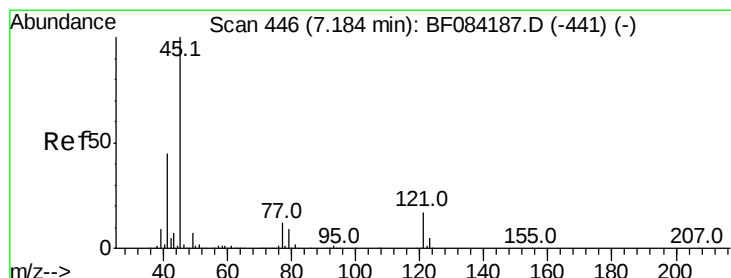
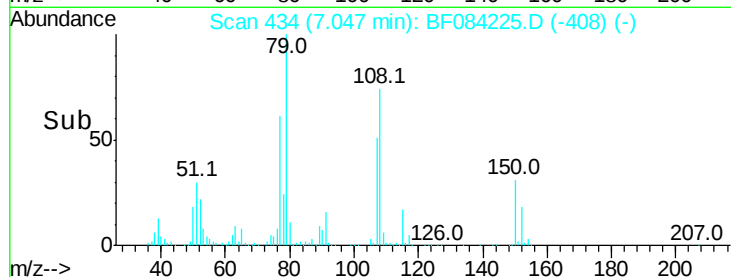
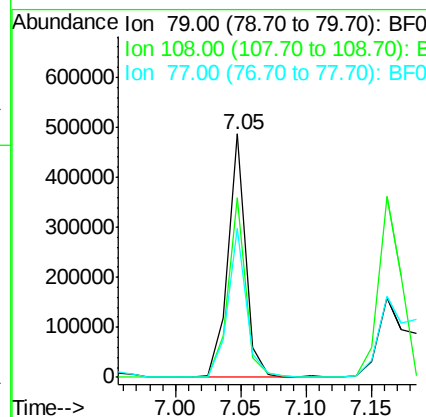
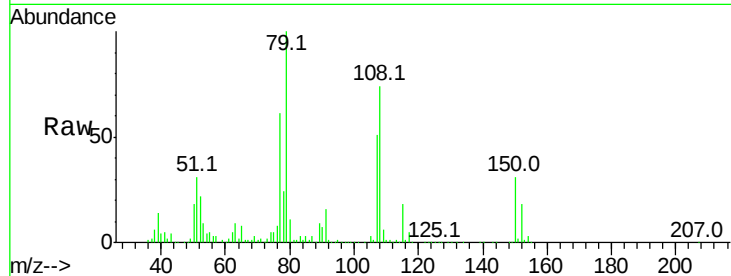
#15
Benzyl Alcohol
Concen: 24.82 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.5	69.0	103.4
77	61.4	50.0	75.0

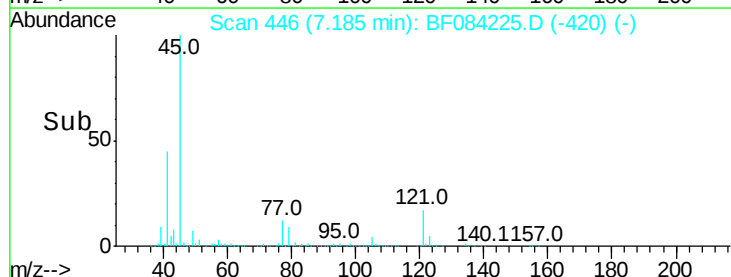
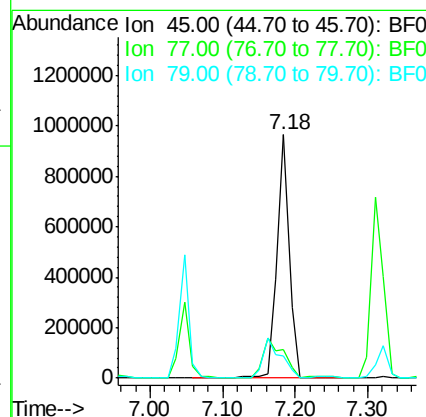
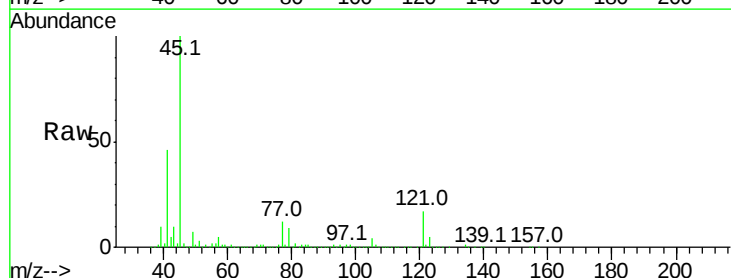
Manual Integrations
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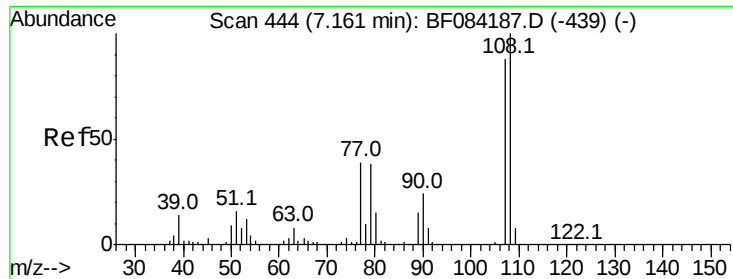
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.64 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	39.6
79	9.0	0.0	35.0





#17

2-Methylphenol

Concen: 22.25 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

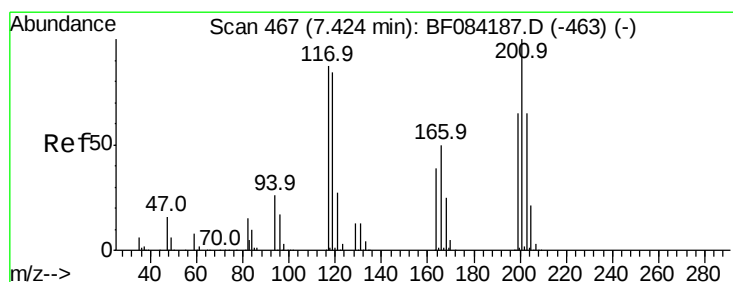
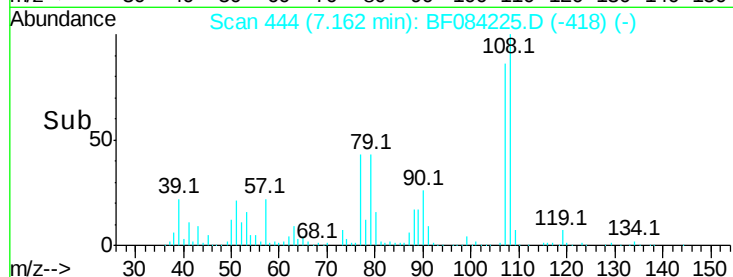
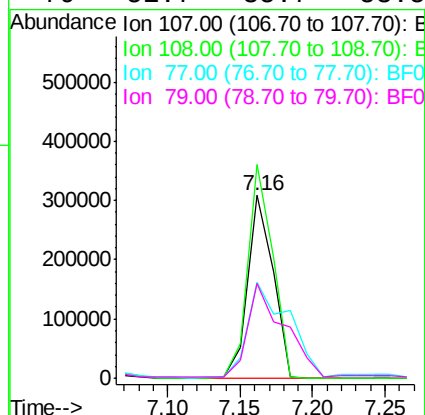
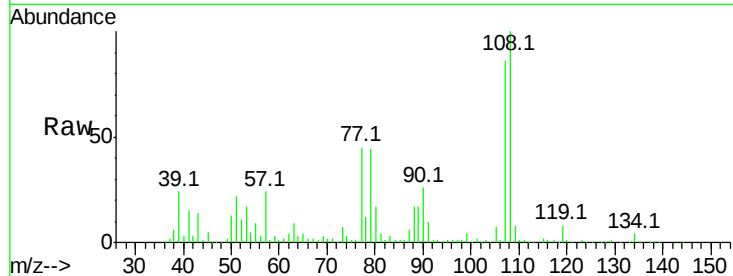
ClientSampleId :

S8-0529MS

Tot Ion:	107	Resp:	372803
Ion Ratio	Lower	Upper	
107	100		
108	116.7	89.8	134.6
77	52.2	35.7	53.5
79	51.7	35.7	53.5

Manual Integrations
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#18

Hexachloroethane

Concen: 34.48 ng

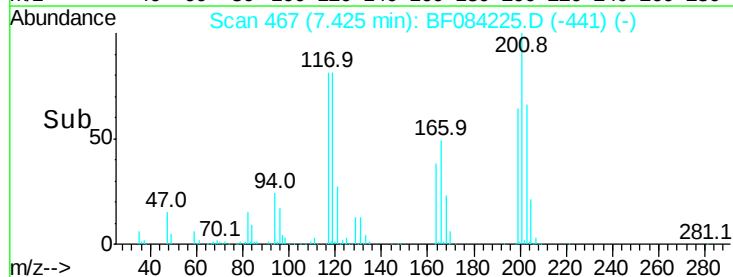
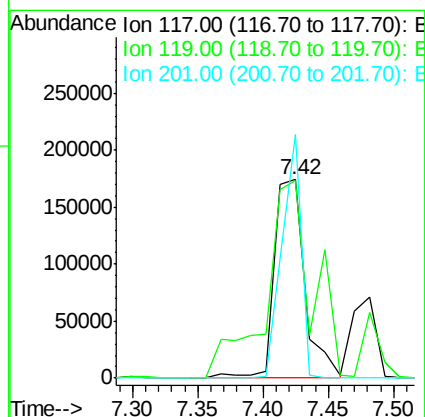
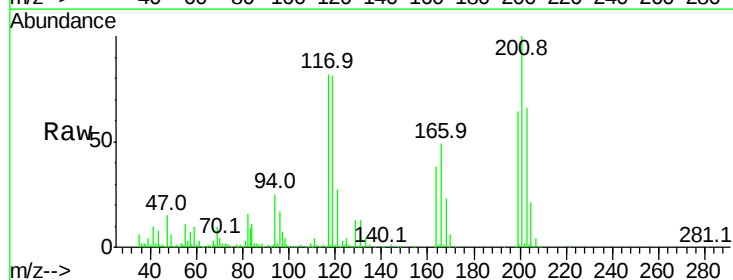
RT: 7.42 min Scan# 467

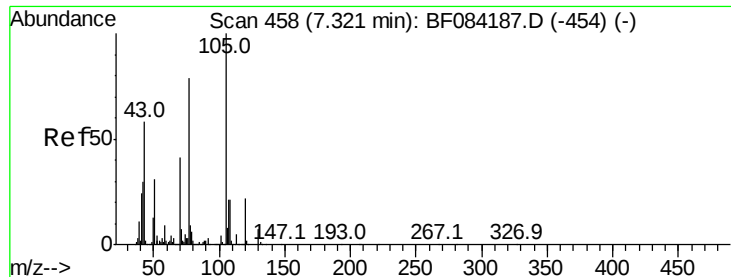
Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion:	117	Resp:	285126
Ion Ratio	Lower	Upper	
117	100		
119	99.6	77.4	116.0
201	122.7	68.6	103.0#





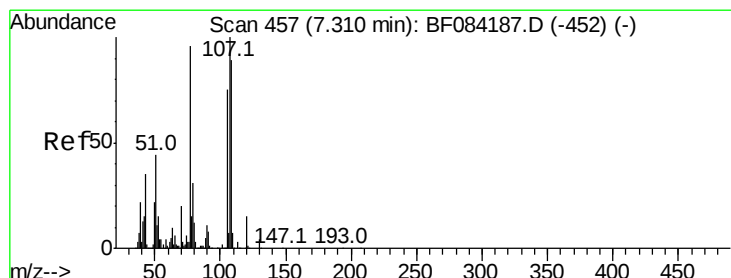
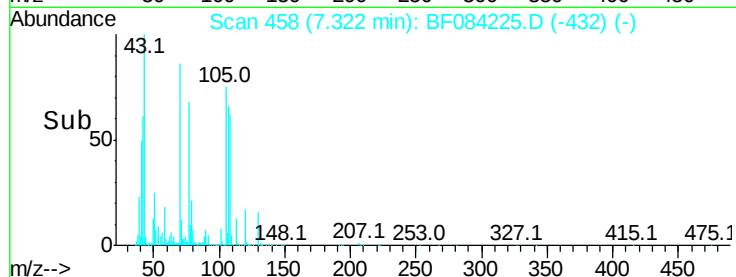
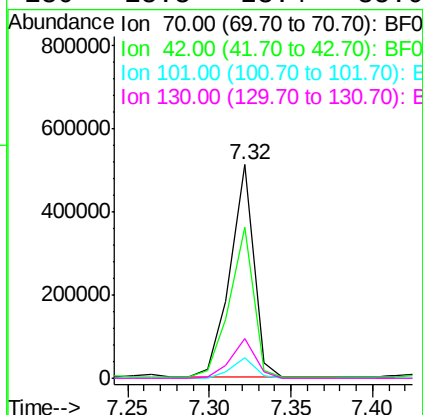
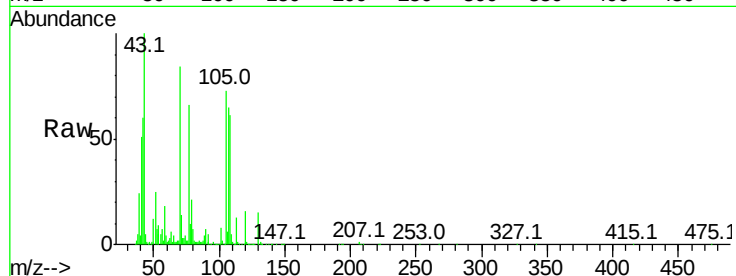
#19
n-Nitroso-di-n-propylamine
Concen: 34.27 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.9	33.3	49.9#
101	9.5	9.3	13.9
130	18.3	23.4	35.0#

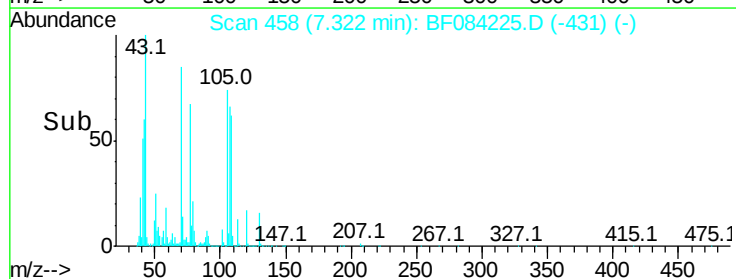
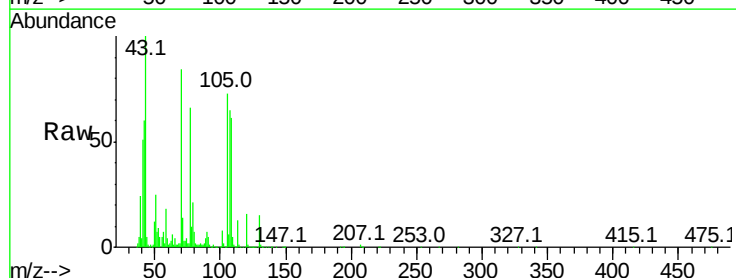
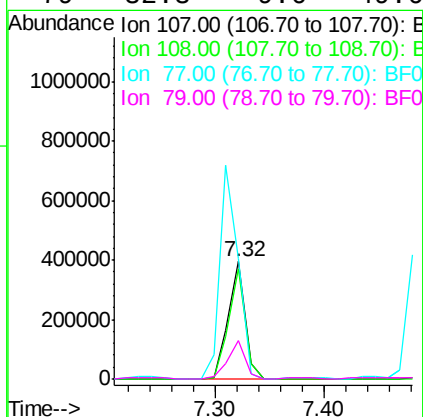
Manual Integrations
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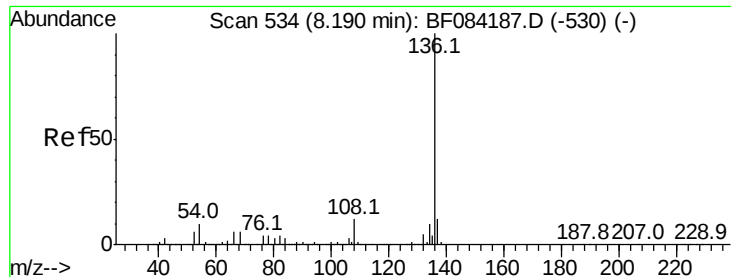
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#20
3+4-Methylphenols
Concen: 21.47 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.9	64.1	104.1
77	102.2	128.9	168.9#
79	32.3	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion:136 Resp: 1120453

Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

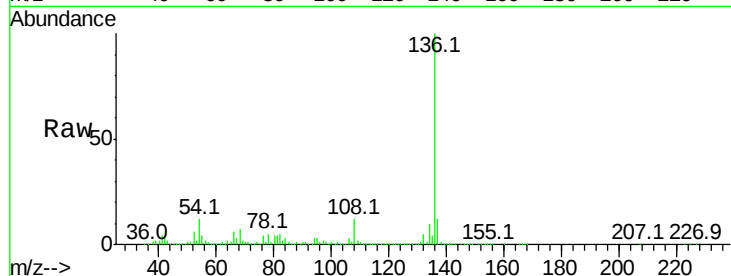
54 11.5 5.8 8.8#

68 7.0 4.2 6.2#

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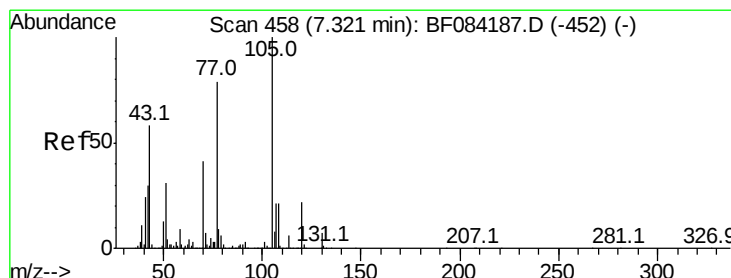
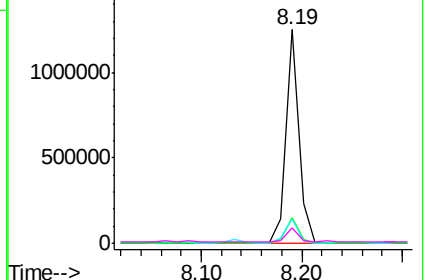
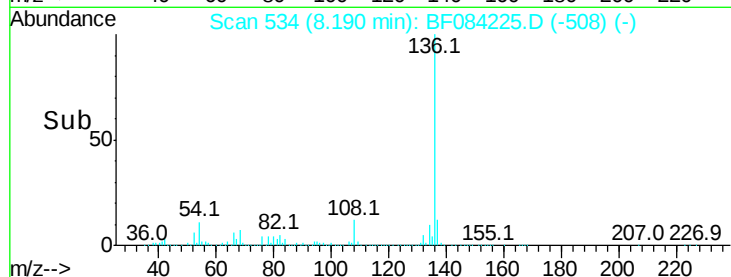


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.58 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion:105 Resp: 958534

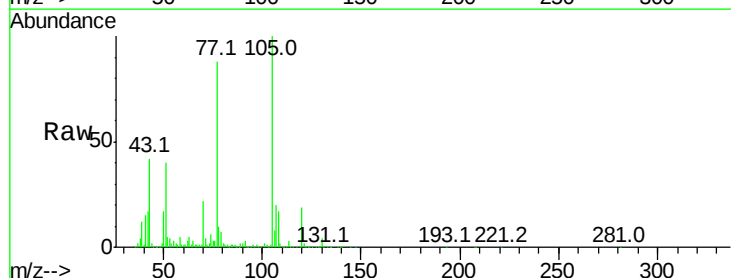
Ion Ratio Lower Upper

105 100

71 4.0 3.7 5.5

51 39.8 25.1 37.7#

120 19.4 16.6 25.0

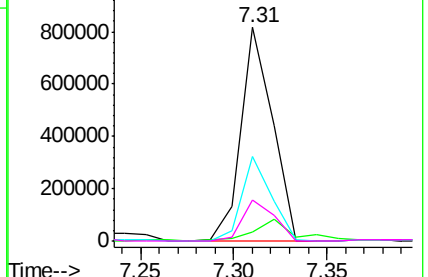
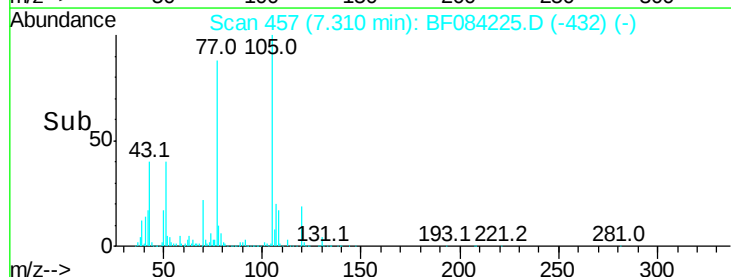


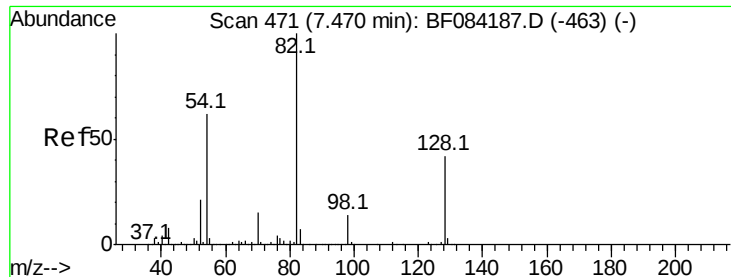
Abundance Ion 105.00 (104.70 to 105.70): E

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: 68.92 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion: 82 Resp: 1387580

Ion Ratio Lower Upper

82 100

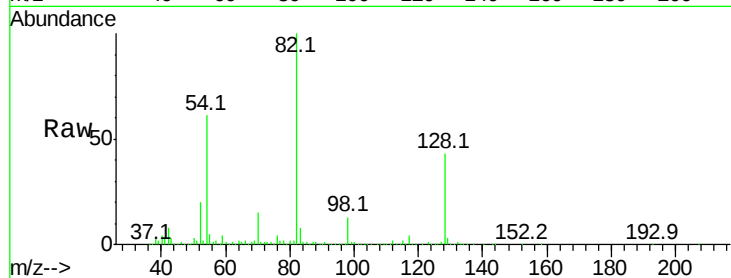
128 42.8 34.6 51.8

54 60.7 38.4 57.6#

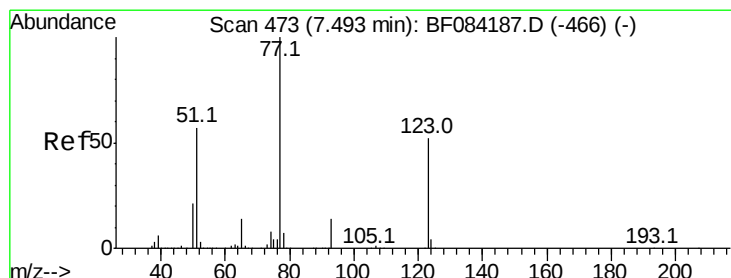
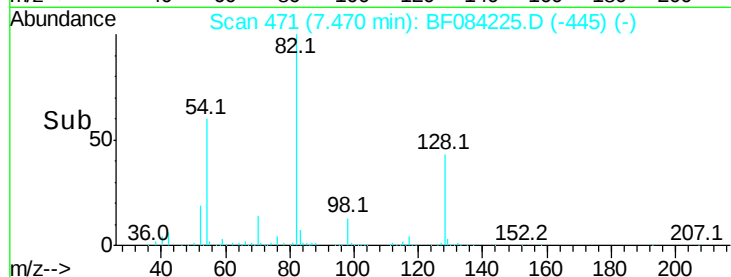
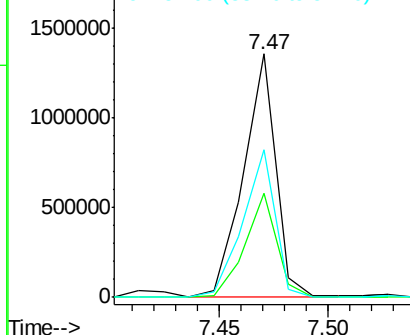
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.00 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

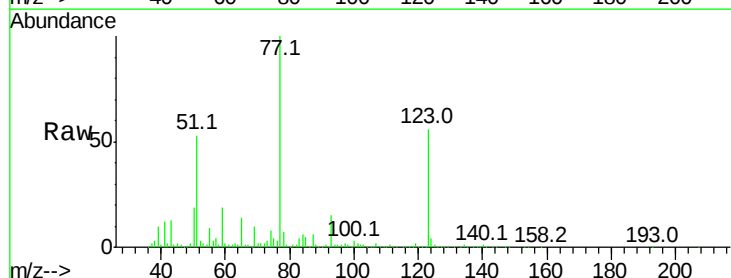
Tgt Ion: 77 Resp: 755595

Ion Ratio Lower Upper

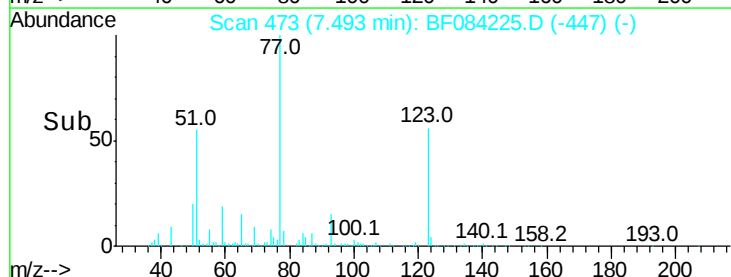
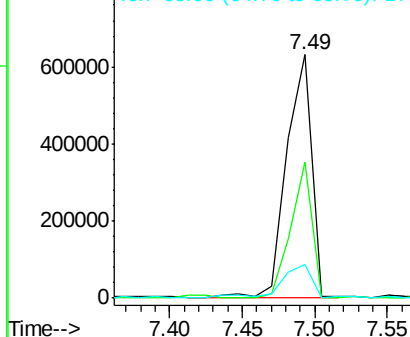
77 100

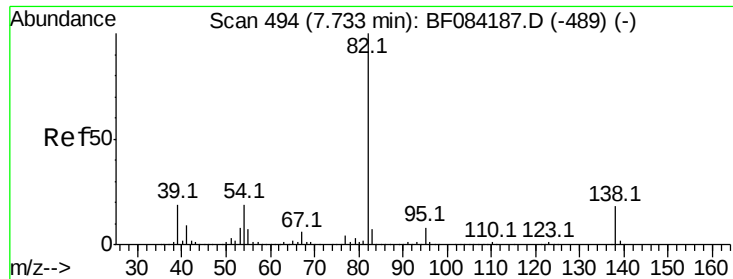
123 55.8 37.4 56.2

65 13.8 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





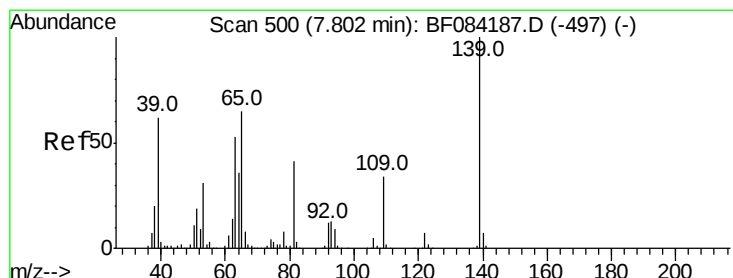
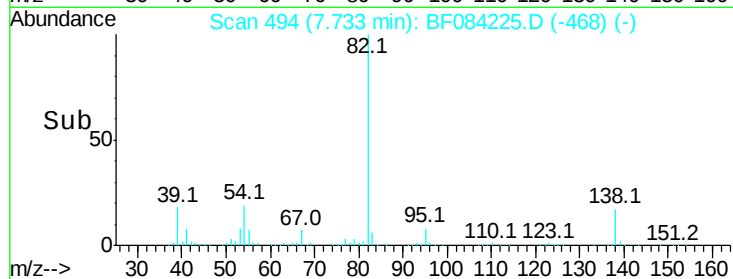
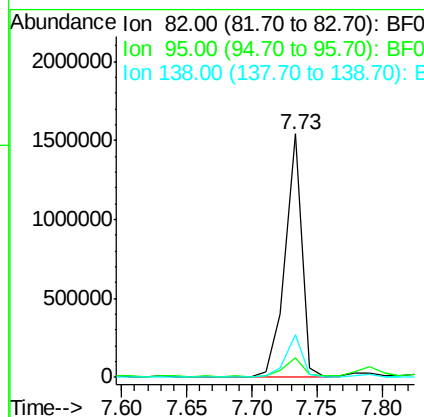
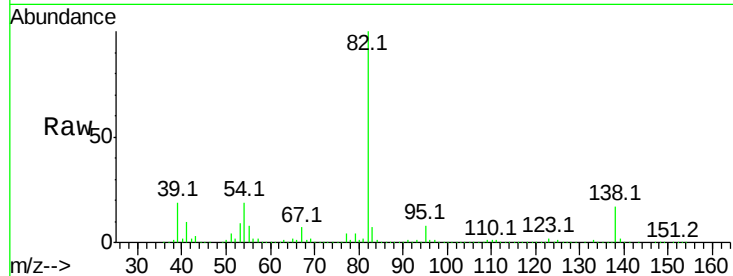
#25
Isophorone
Concen: 36.27 ng
RT: 7.73 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	82	Resp	1396469
Ion Ratio	100	Lower	Upper
82	100		
95	8.3	6.6	10.0
138	17.4	13.6	20.4

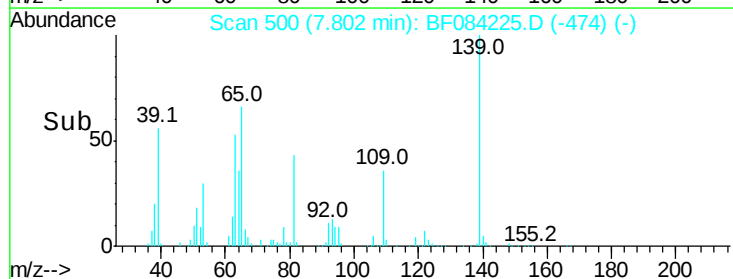
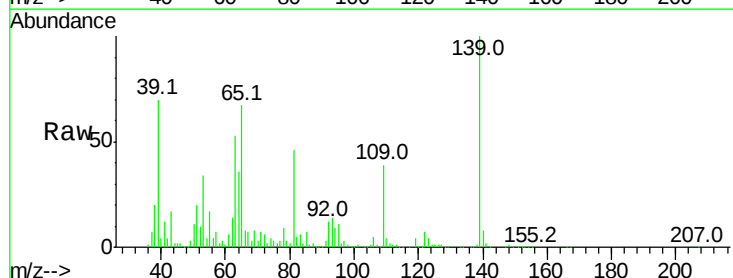
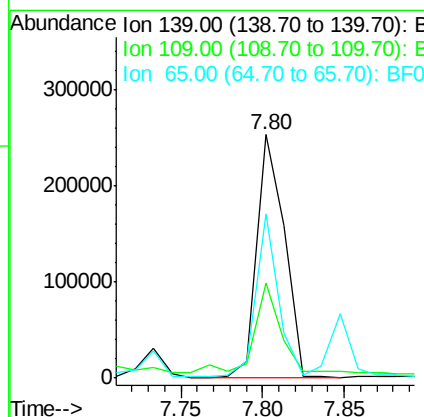
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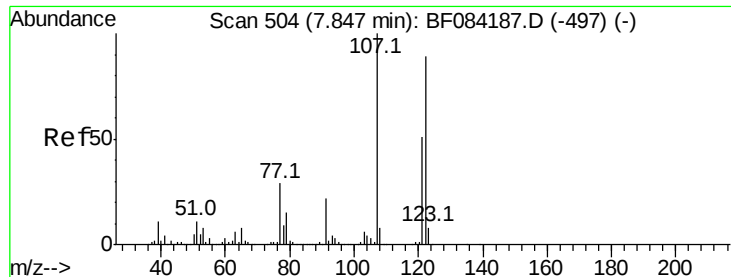
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#26
2-Nitrophenol
Concen: 31.74 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	139	Resp	294985
Ion Ratio	100	Lower	Upper
139	100		
109	39.1	25.4	38.2#
65	67.4	32.3	48.5#





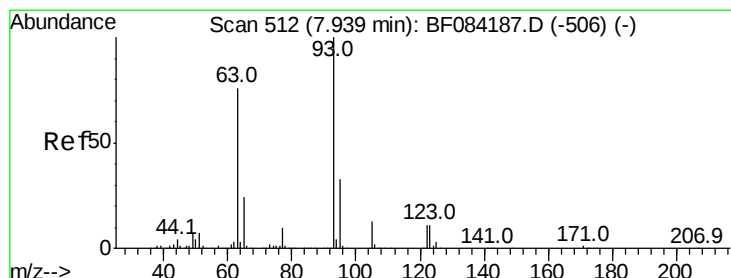
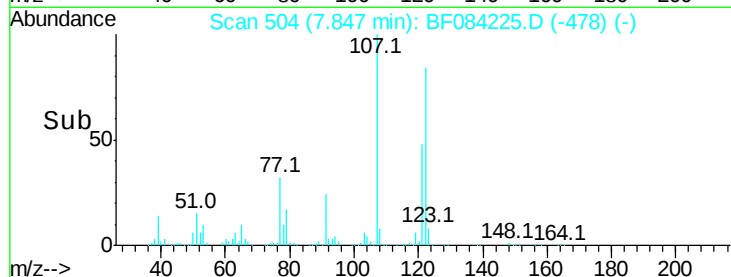
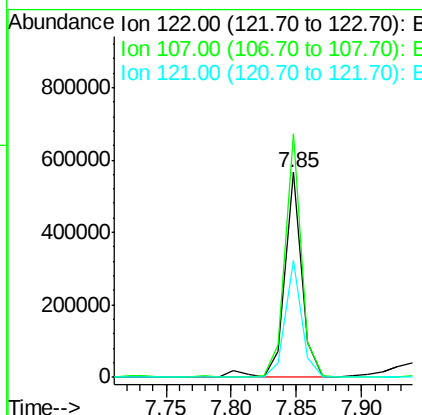
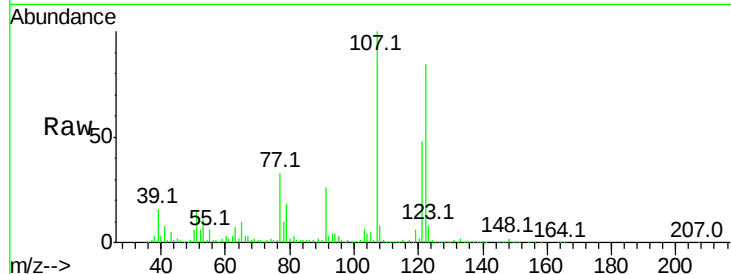
#27
 2,4-Dimethylphenol
 Concen: 27.95 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF084225.D
 Acq: 1 Jan 2016 5:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	525828		
107	119.0	99.1	148.7	
121	57.4	47.9	71.9	

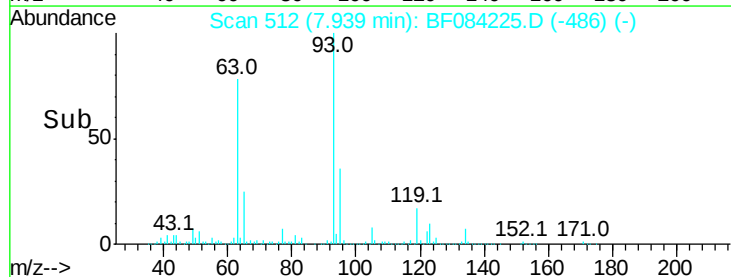
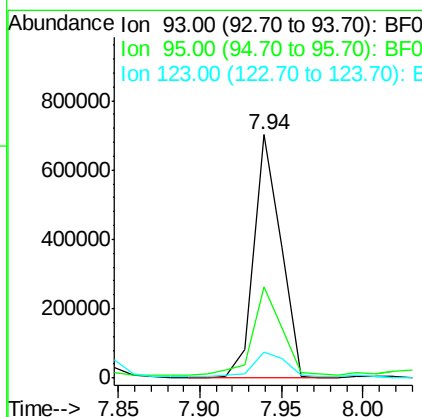
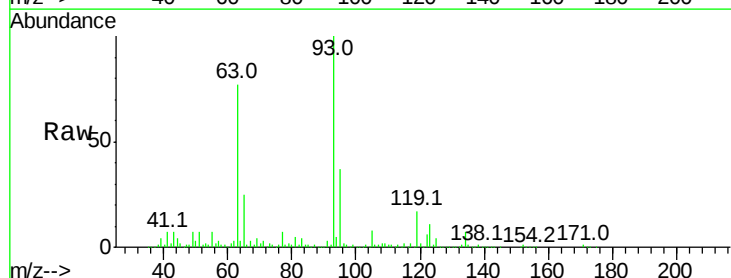
Manual Integrations
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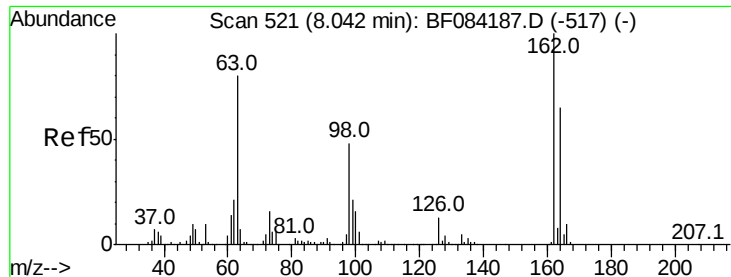
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.04 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF084225.D
 Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	800528		
95	37.3	25.8	38.6	
123	10.6	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 31.99 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

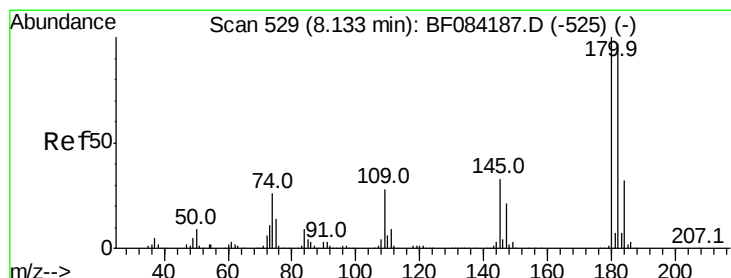
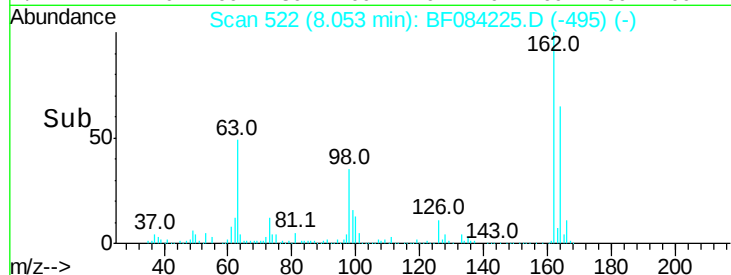
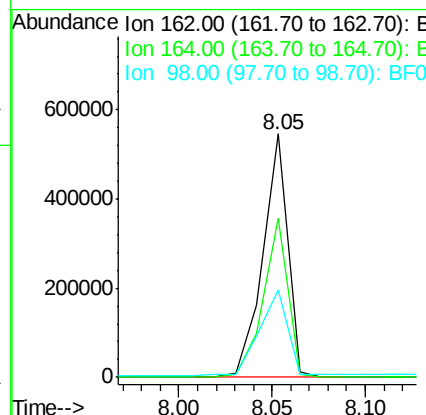
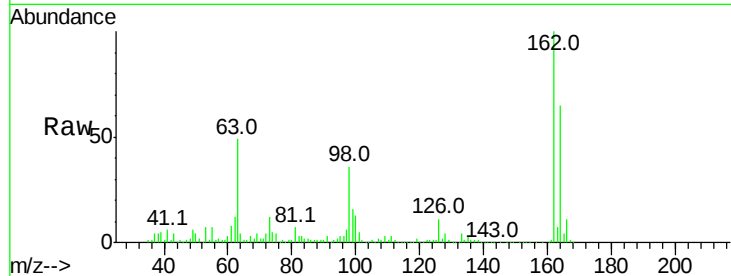
ClientSampleId :

S8-0529MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	501209		
164	65.4	44.1	84.1	
98	36.1	20.2	60.2	

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#30

1,2,4-Trichlorobenzene

Concen: 35.20 ng

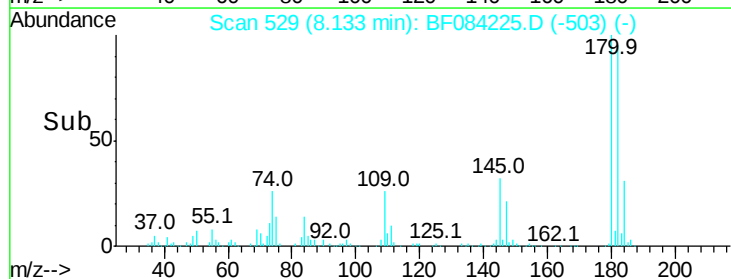
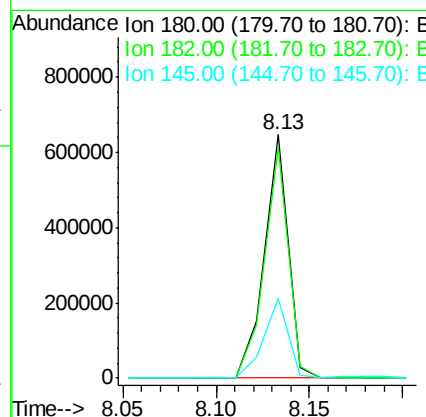
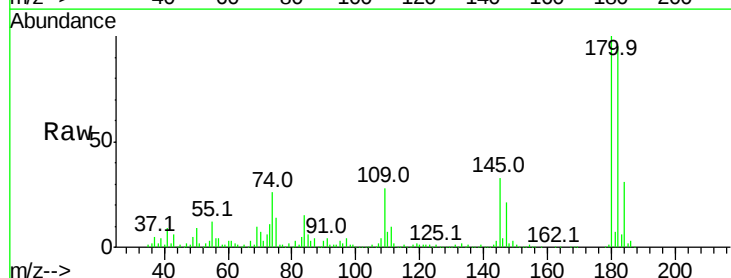
RT: 8.13 min Scan# 529

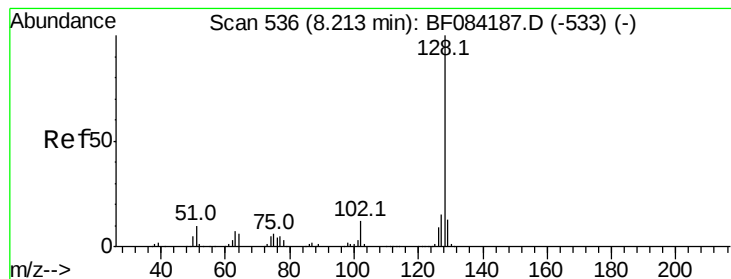
Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	569329		
182	95.0	76.4	114.6	
145	32.6	31.6	47.4	





#31

Naphthalene

Concen: 36.33 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion:128 Resp: 1846935

Ion Ratio Lower Upper

128 100

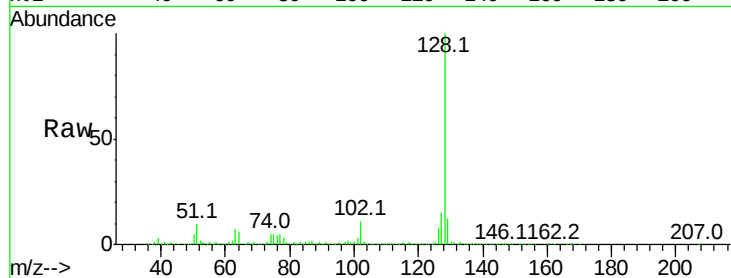
129 12.4 9.1 13.7

127 14.6 11.1 16.7

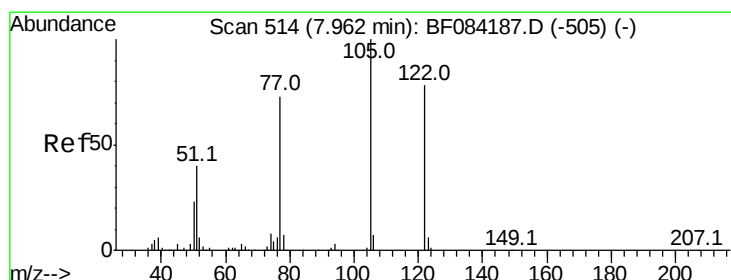
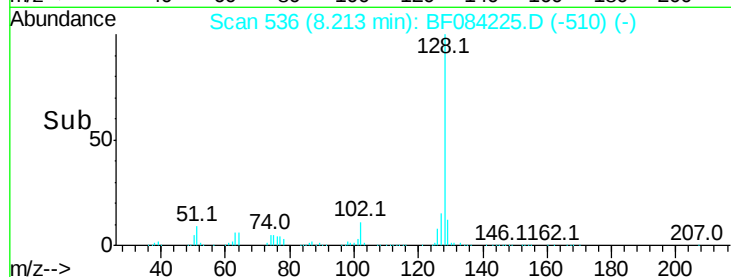
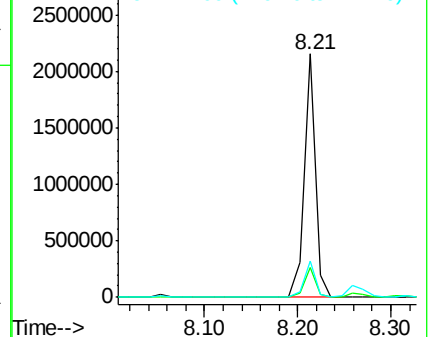
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.87 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

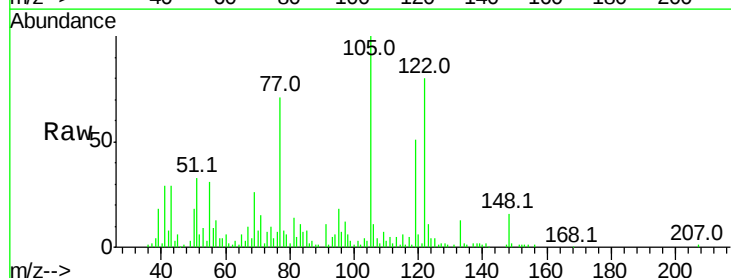
Tgt Ion:122 Resp: 161648

Ion Ratio Lower Upper

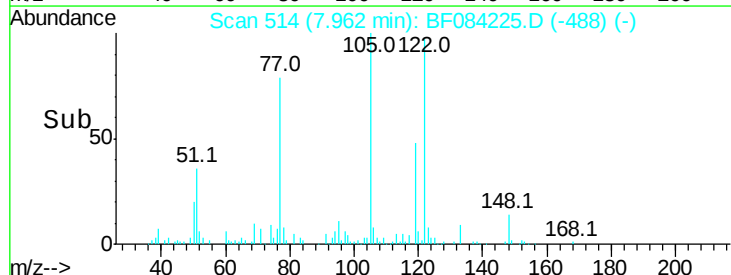
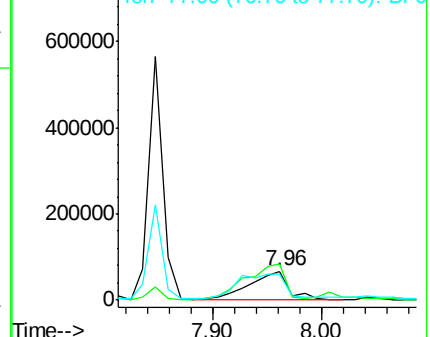
122 100

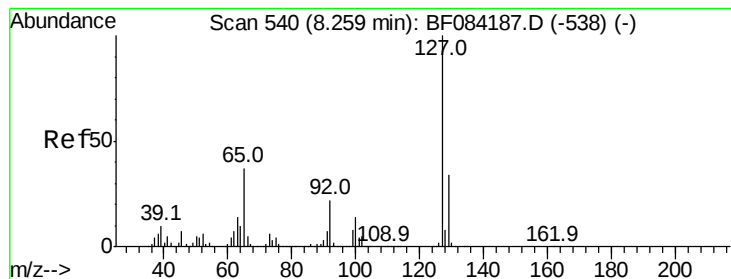
105 125.2 100.3 140.3

77 89.2 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 5.77 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

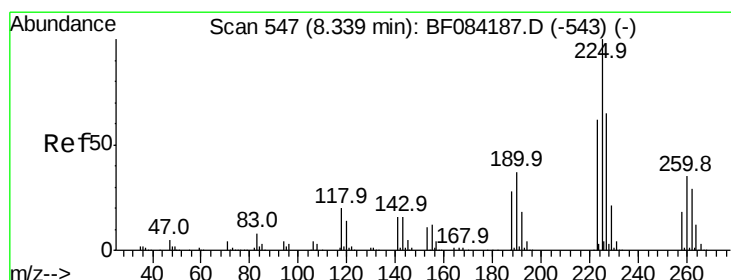
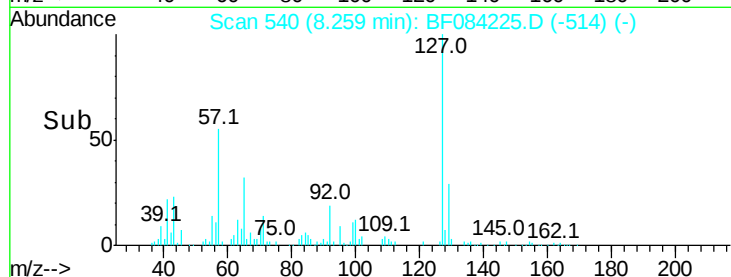
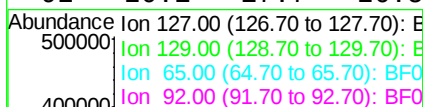
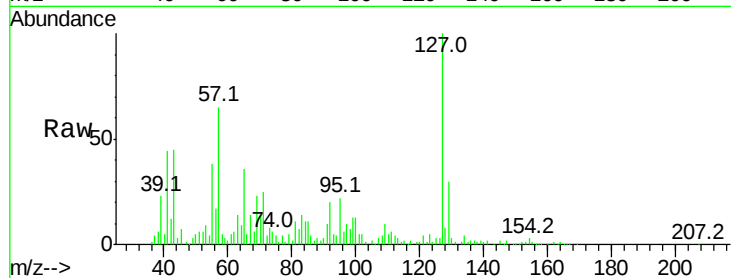
ClientSampleId :

S8-0529MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.9	26.5	39.7	
65	36.2	27.2	40.8	
92	20.1	17.7	26.5	

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#34

Hexachlorobutadiene

Concen: 33.30 ng

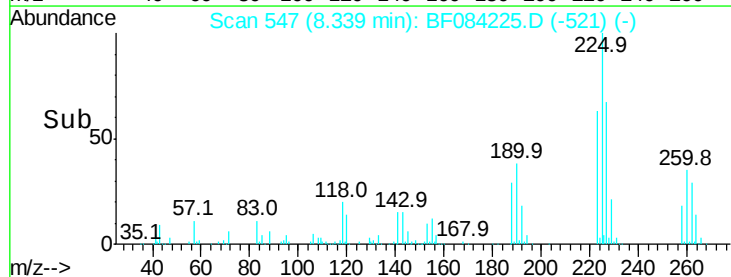
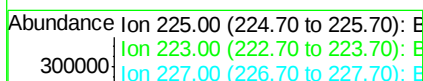
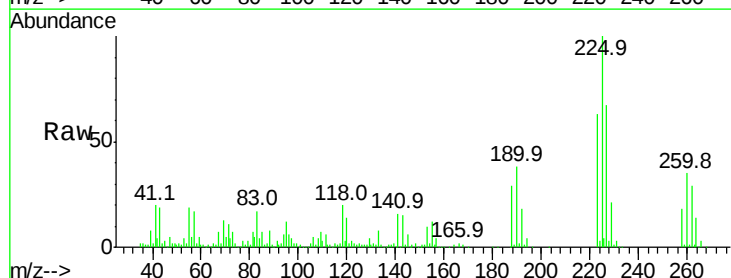
RT: 8.34 min Scan# 547

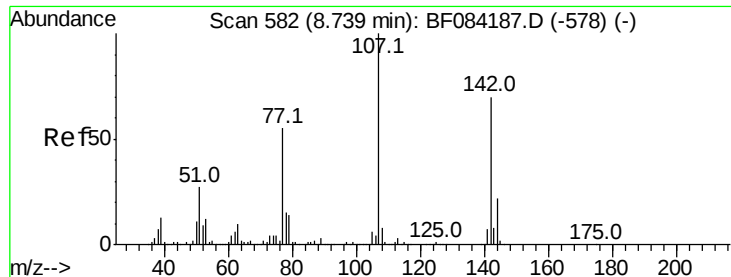
Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	49.4	74.0	
227	66.5	50.8	76.2	





#36

4-Chloro-3-methylphenol

Concen: 30.67 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

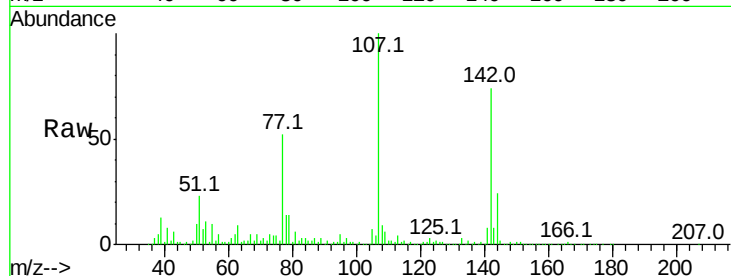
ClientSampleId :

S8-0529MS

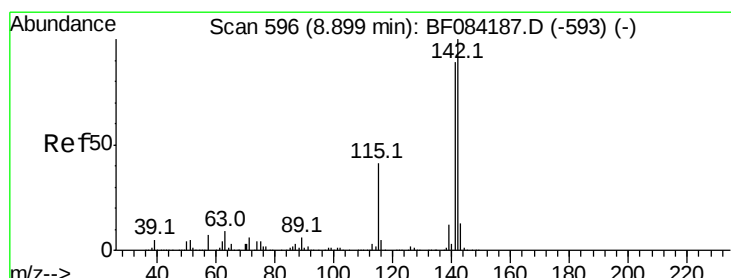
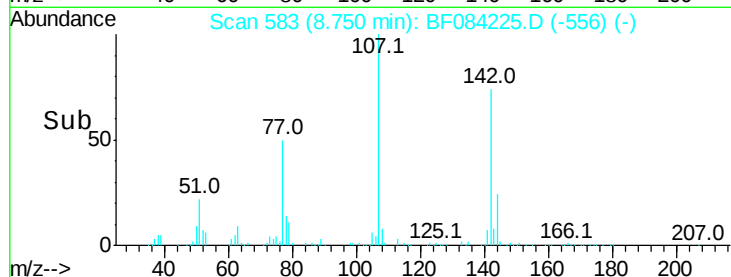
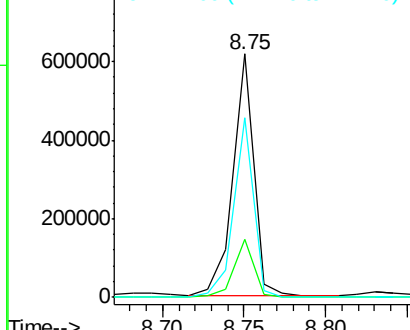
Tot Ion:	107	Resp:	538303
Ion Ratio	Lower	Upper	
107	100		
144	23.6	19.7	29.5
142	73.9	61.8	92.6

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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: 35.32 ng

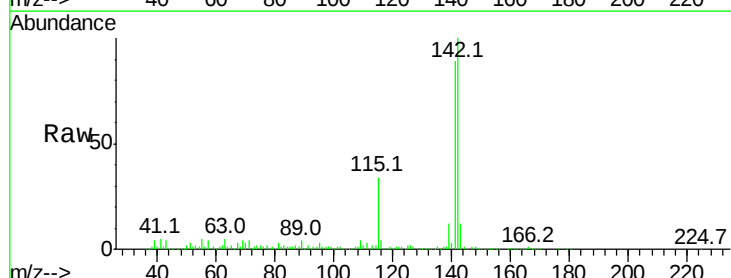
RT: 8.91 min Scan# 597

Delta R.T. 0.01 min

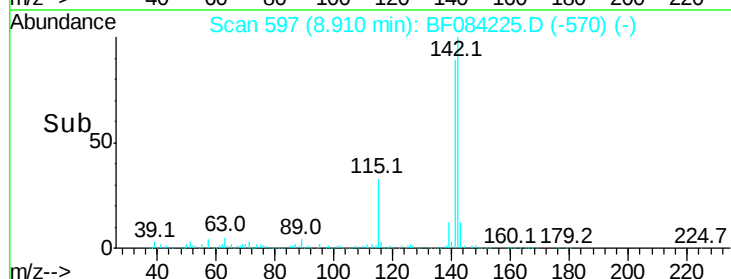
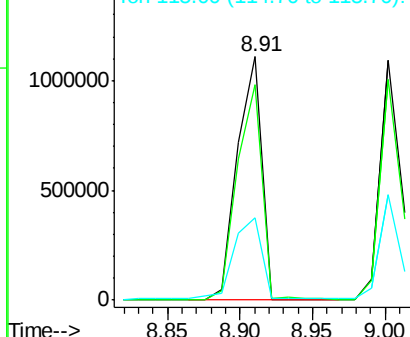
Lab File: BF084225.D

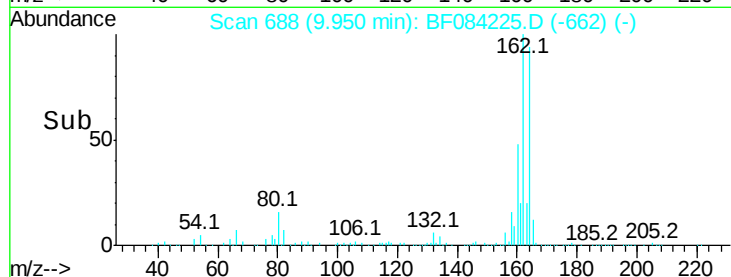
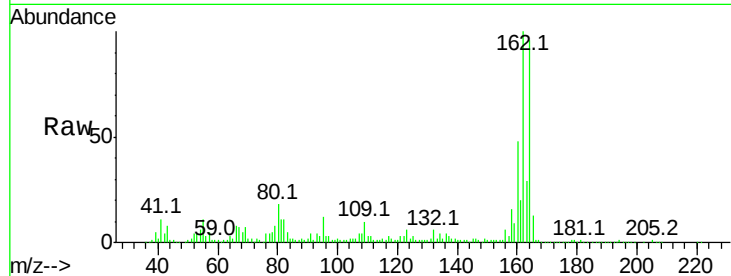
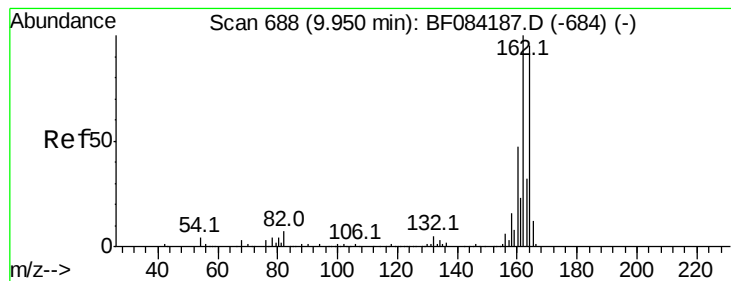
Acq: 1 Jan 2016 5:15

Tgt Ion:	142	Resp:	1288844
Ion Ratio	Lower	Upper	
142	100		
141	88.7	72.4	108.6
115	33.9	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: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tot Ion:	164	Resp:	491625
Ion Ratio	Lower	Upper	
164	100		
162	104.3	85.1	127.7
160	50.0	37.5	56.3

Instrument :

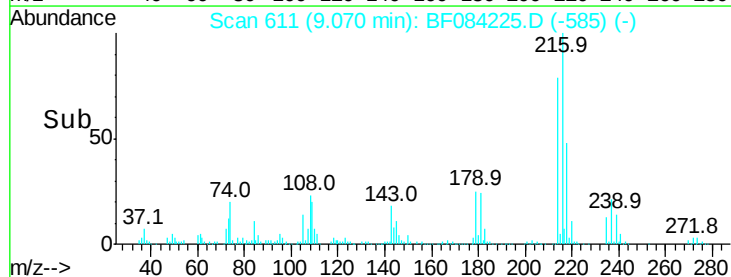
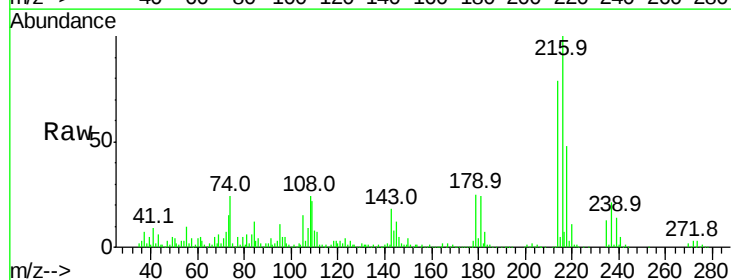
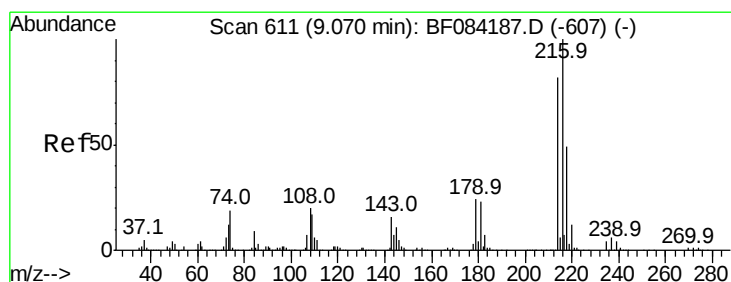
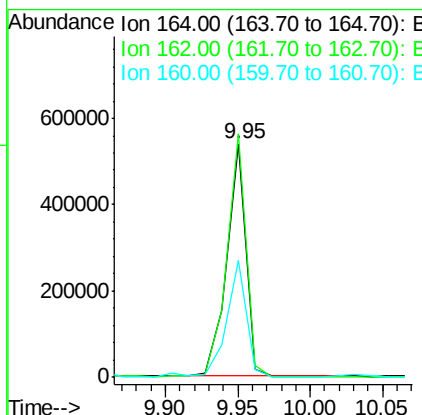
BNA_F

ClientSampleId :

S8-0529MS

Manual Integrations
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.35 ng

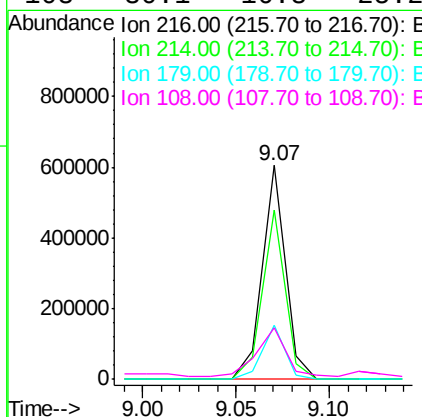
RT: 9.07 min Scan# 611

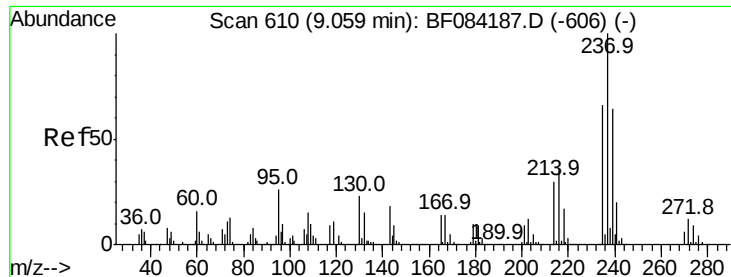
Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion:	216	Resp:	513713
Ion Ratio	Lower	Upper	
216	100		
214	78.3	64.2	96.2
179	24.7	18.7	28.1
108	30.1	16.8	25.2#





#40

Hexachlorocyclopentadiene

Concen: 63.31 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

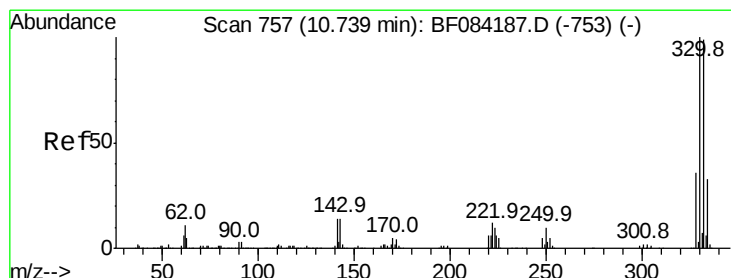
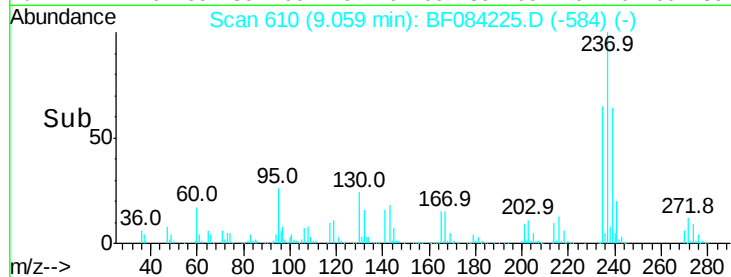
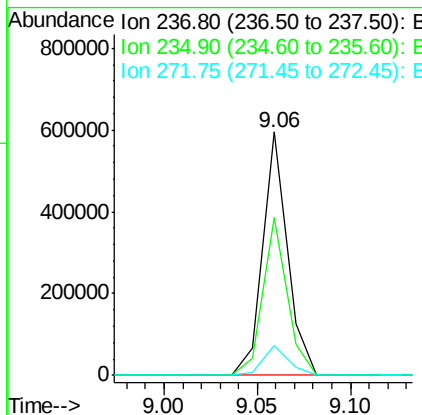
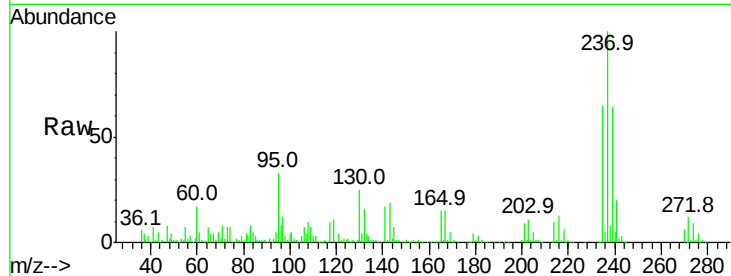
ClientSampleId :

S8-0529MS

Tot Ion:	237	Resp:	540125
Ion Ratio		Lower	Upper
237	100		
235	65.0	43.1	83.1
272	12.1	0.0	35.1

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 84.42 ng

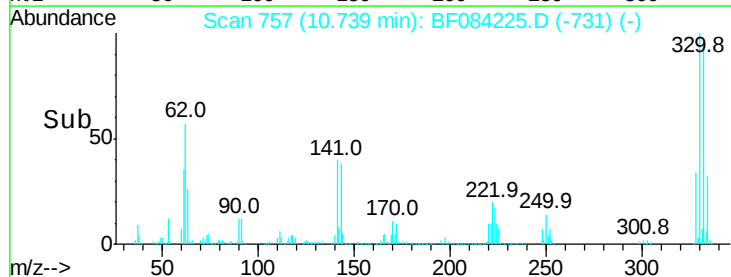
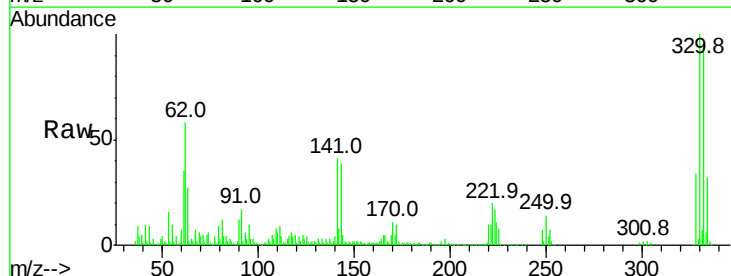
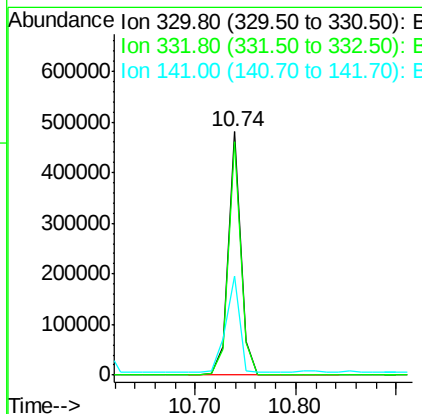
RT: 10.74 min Scan# 757

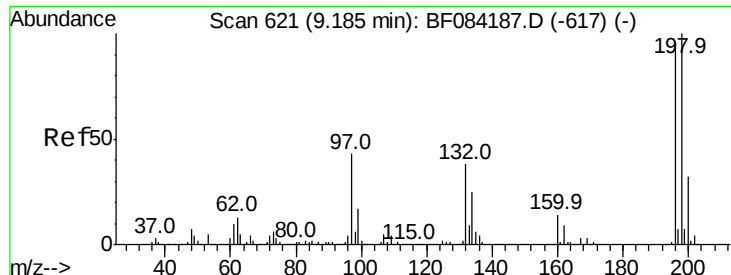
Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion:	330	Resp:	419029
Ion Ratio		Lower	Upper
330	100		
332	96.0	76.6	114.8
141	43.8	27.8	41.6#





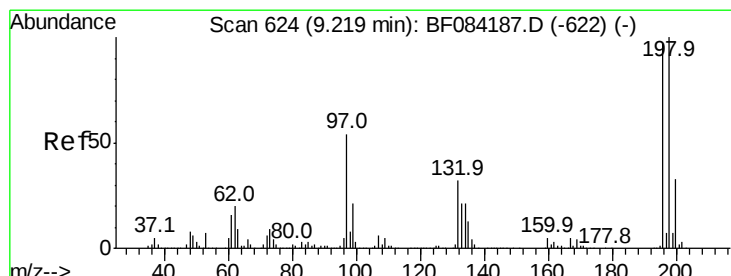
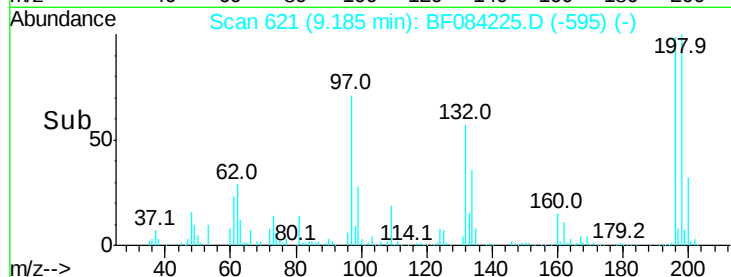
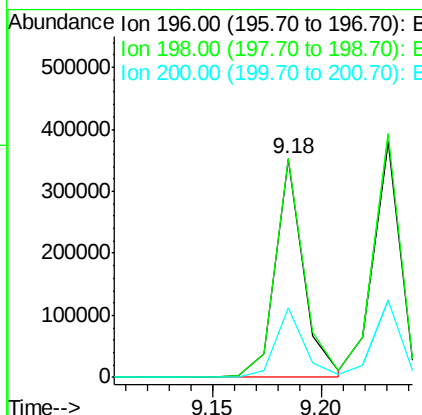
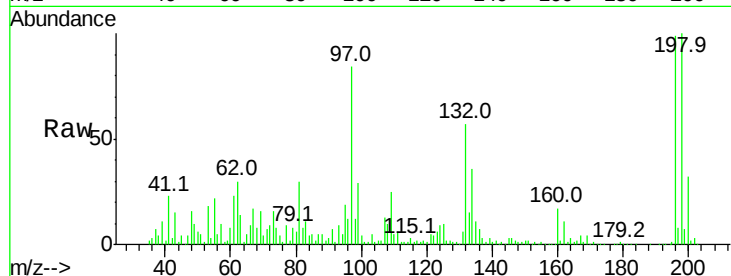
#42
2,4,6-Trichlorophenol
Concen: 30.57 ng
RT: 9.18 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampled :
S8-0529MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	323214		
198	100.6	77.7	116.5	
200	32.0	24.6	37.0	

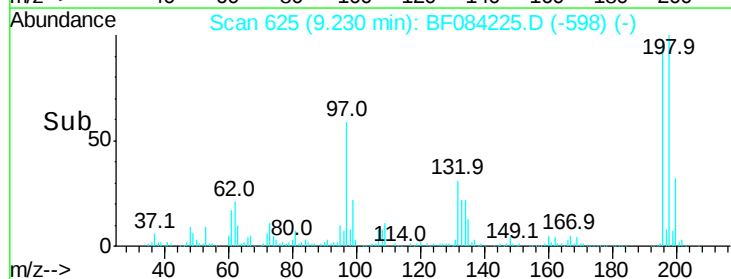
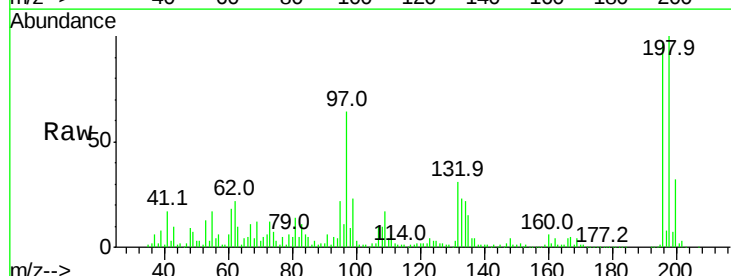
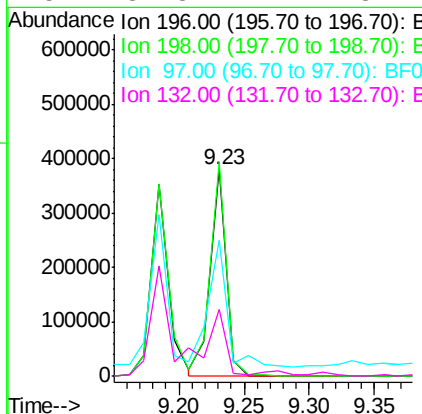
Manual Integrations
APPROVED

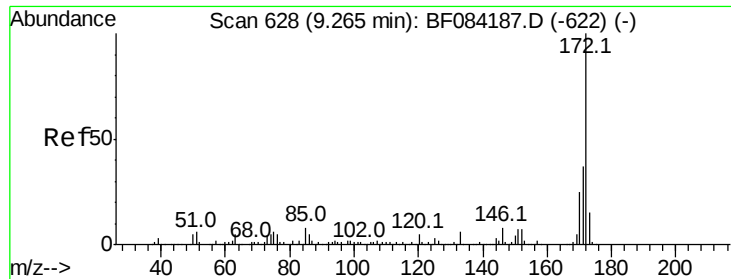
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#43
2,4,5-Trichlorophenol
Concen: 32.29 ng
RT: 9.23 min Scan# 625
Delta R.T. 0.01 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	327308		
198	103.2	79.0	118.6	
97	65.6	33.0	49.6#	
132	32.3	21.1	31.7#	





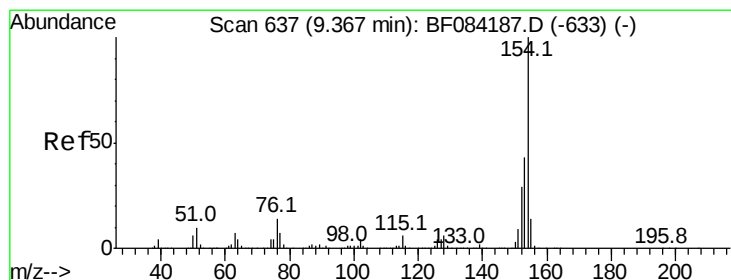
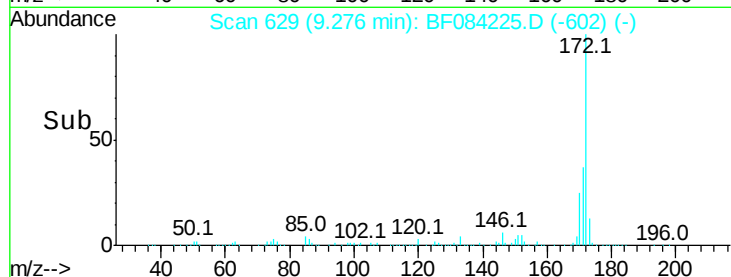
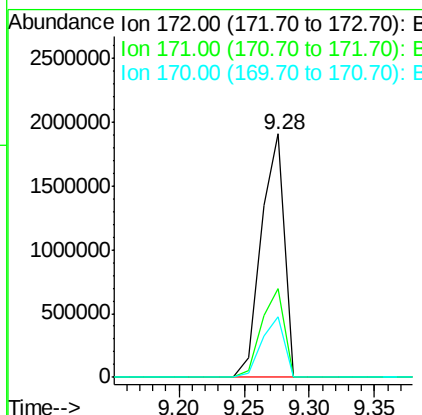
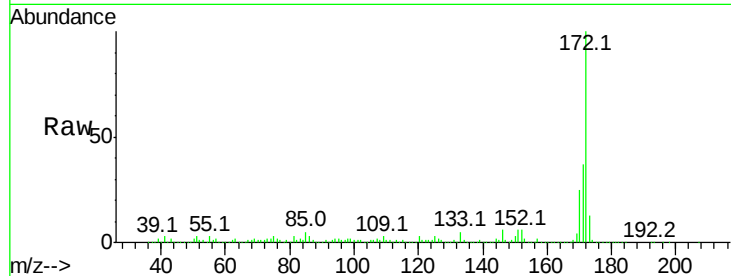
#44
2-Fluorobiphenyl
Concen: 83.78 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	25.0	18.6	27.8

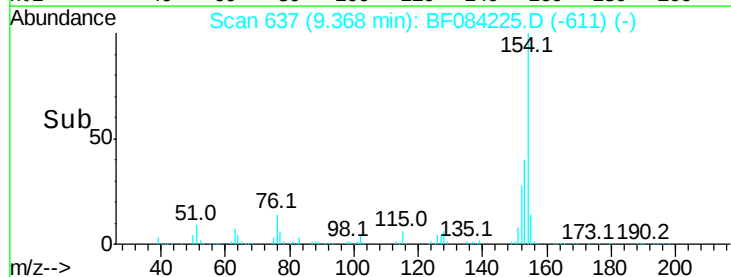
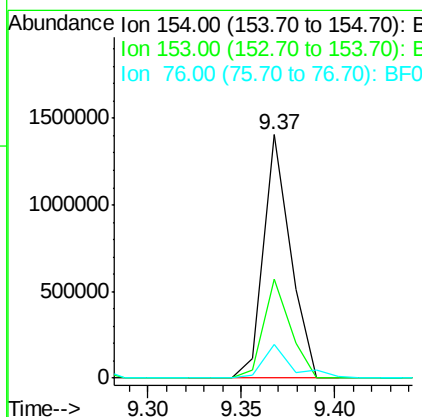
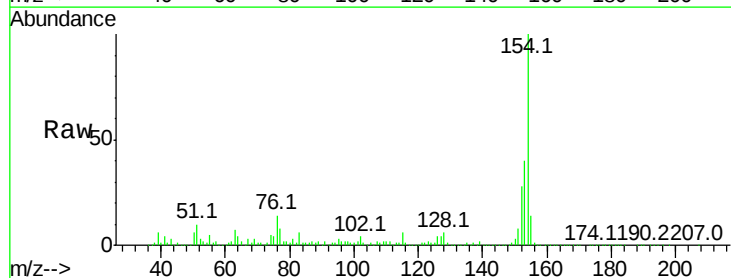
Manual Integrations
APPROVED

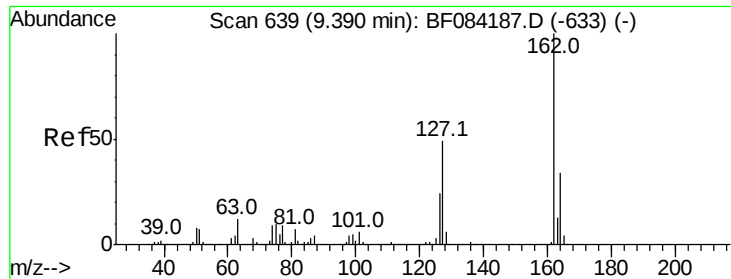
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#45
1,1'-Biphenyl
Concen: 35.66 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.6	61.6
76	14.1	0.0	32.7





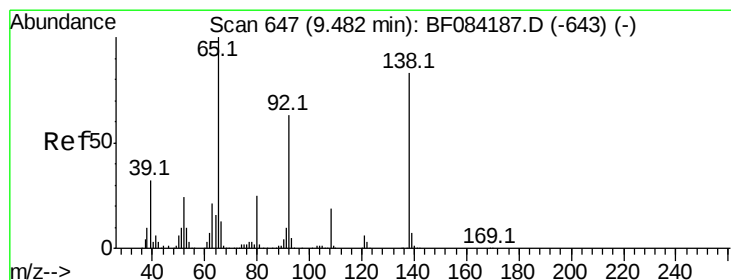
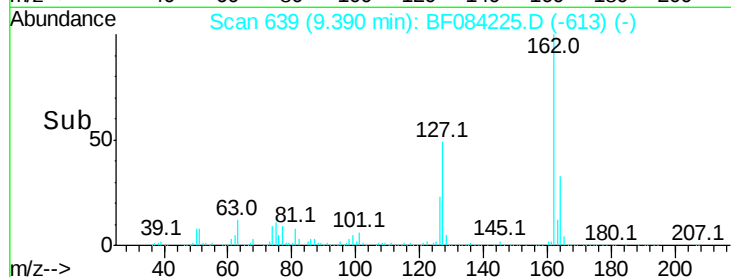
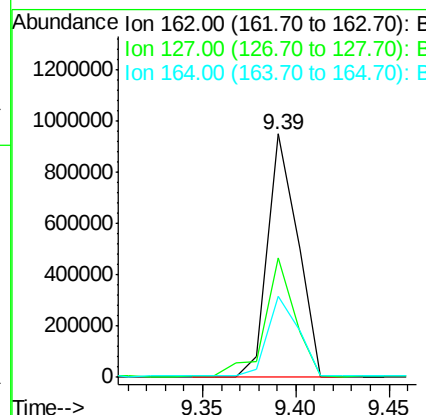
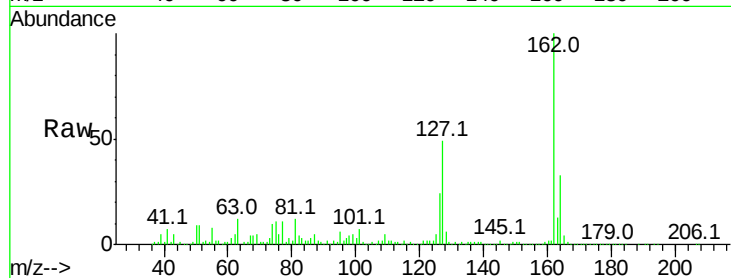
#46
2-Chloronaphthalene
Concen: 34.21 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	49.0	40.2	60.4
164	33.1	25.7	38.5

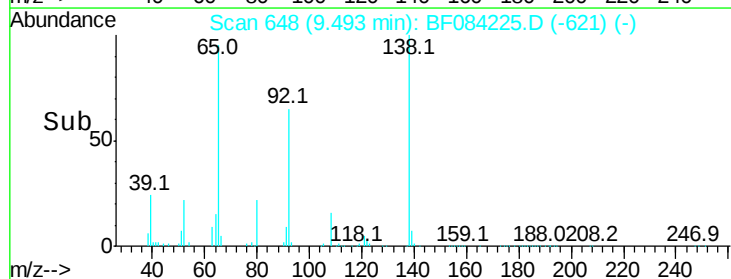
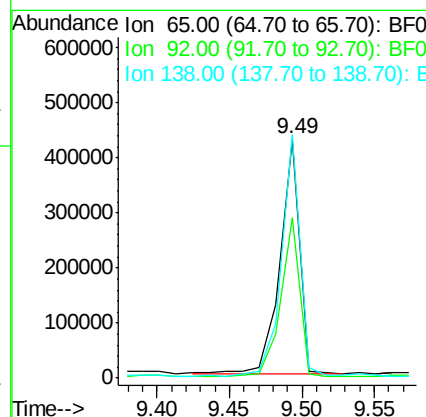
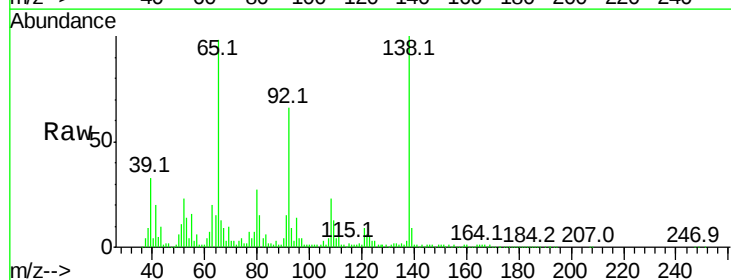
Manual Integrations
APPROVED

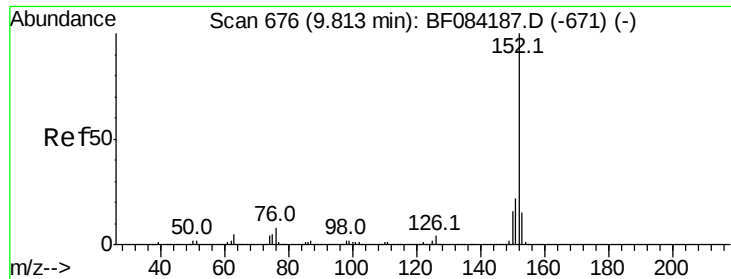
UMANGI
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#47
2-Nitroaniline
Concen: 38.97 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.4	80.2
138	102.0	71.1	106.7





#48

Acenaphthylene

Concen: 38.59 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion:152 Resp: 1749935

Ion Ratio Lower Upper

152 100

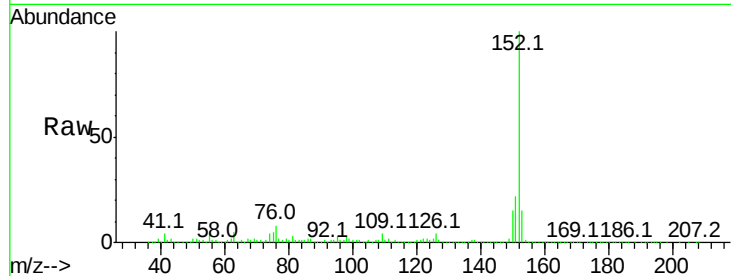
151 22.1 16.3 24.5

153 14.9 10.4 15.6

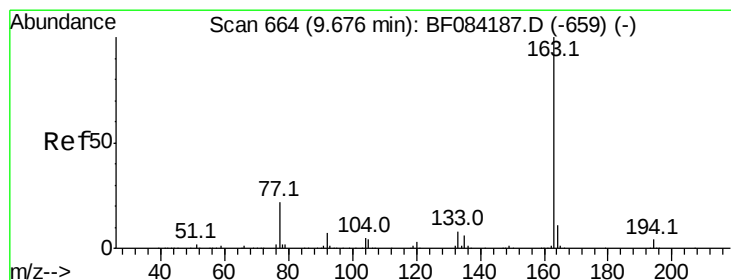
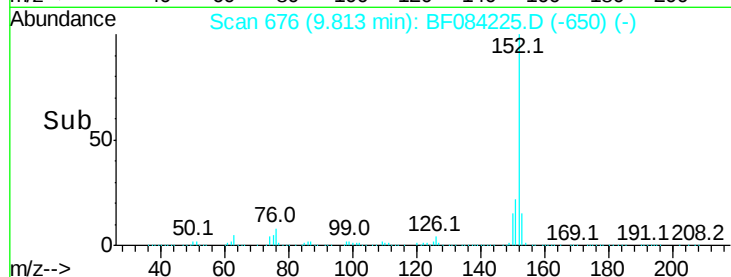
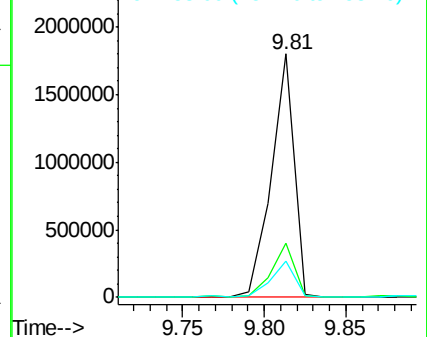
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.92 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

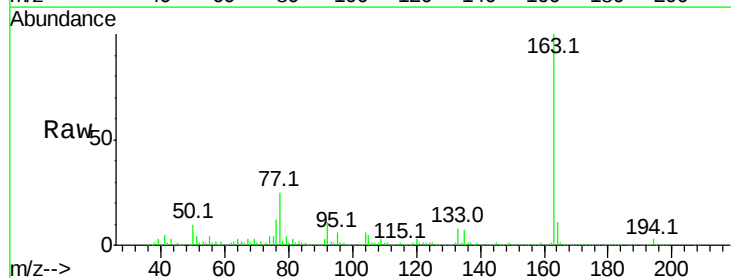
Tgt Ion:163 Resp: 1438162

Ion Ratio Lower Upper

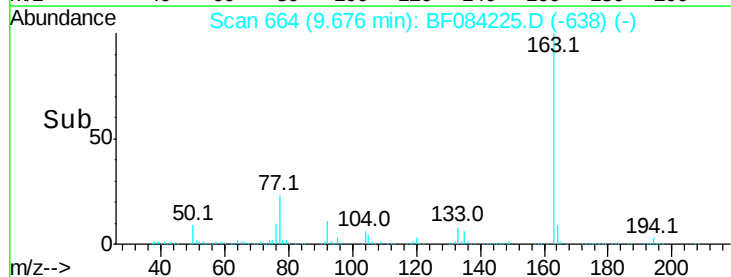
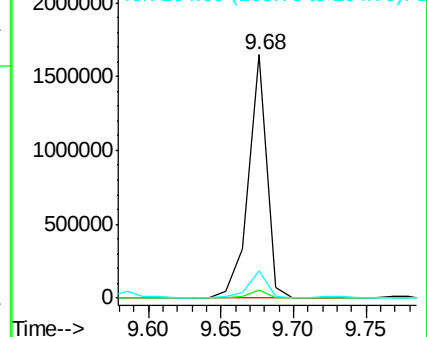
163 100

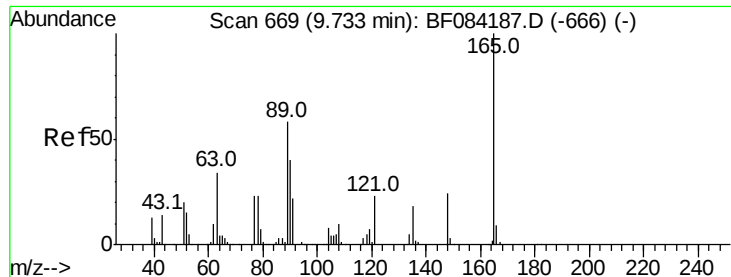
194 3.4 8.0 12.0#

164 11.2 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





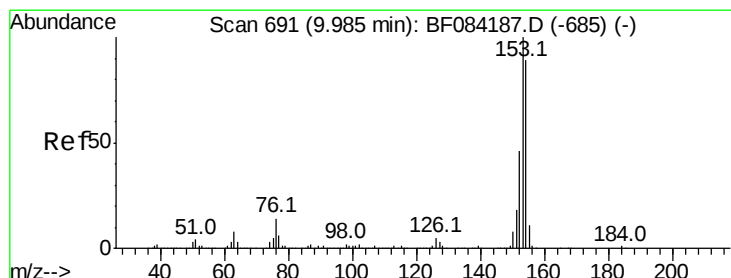
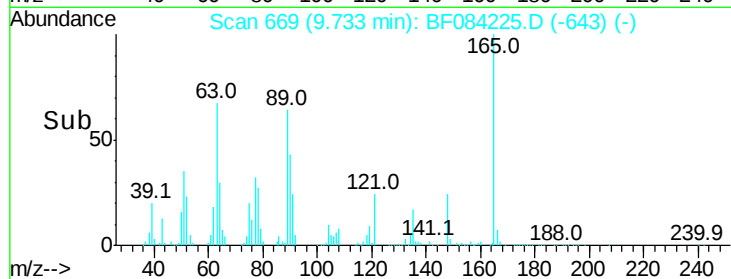
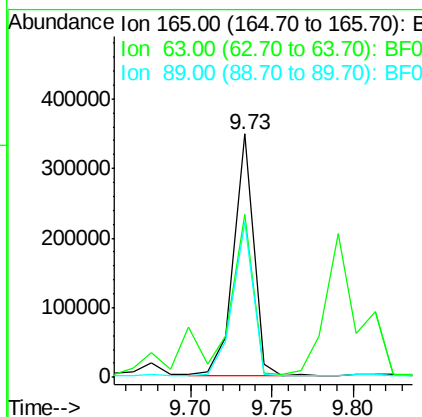
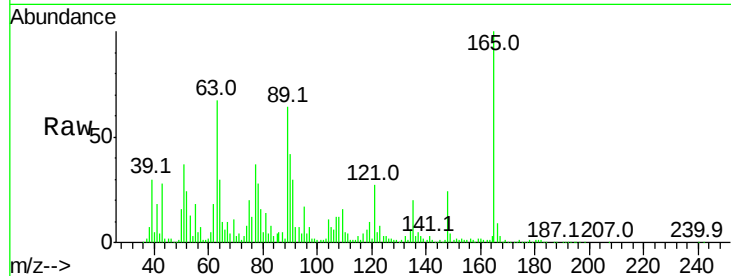
#50
2,6-Dinitrotoluene
Concen: 37.75 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	66.9	28.8	43.2#
89	63.6	35.1	52.7#

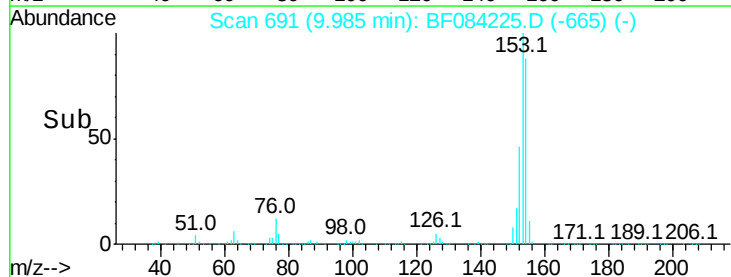
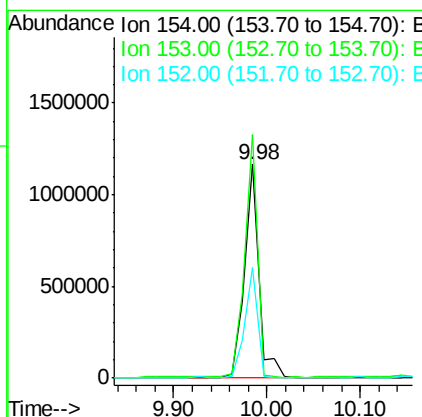
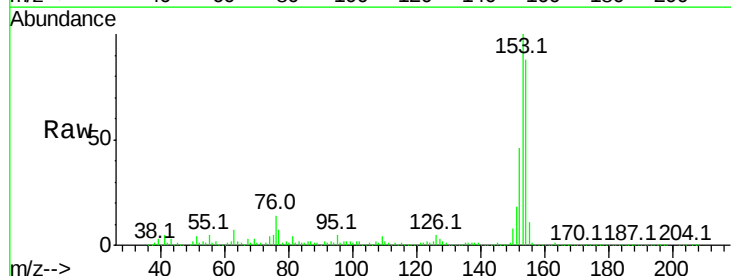
Manual Integrations
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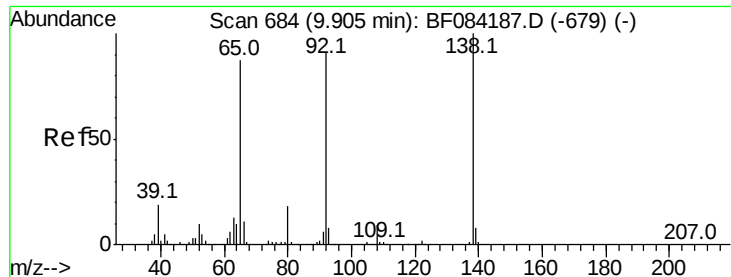
UMANGI
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#51
Acenaphthene
Concen: 40.87 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.7	91.5	137.3
152	51.8	43.0	64.6





#52

3-Nitroaniline

Concen: 9.37 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion:138 Resp: 89485

Ion Ratio Lower Upper

138 100

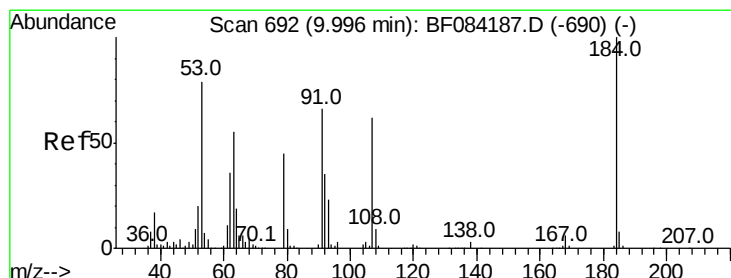
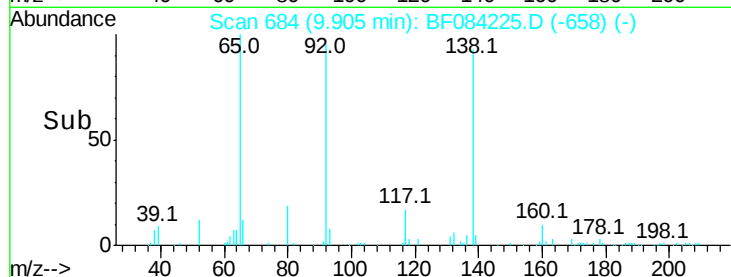
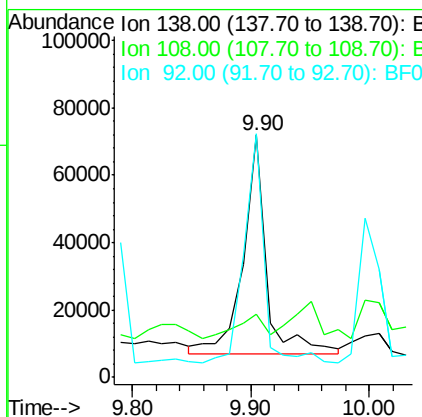
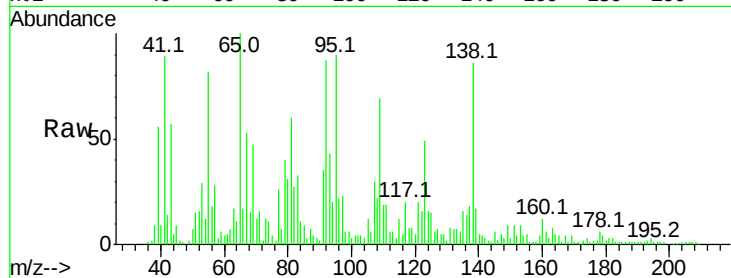
108 25.9 10.5 15.7#

92 100.6 103.9 155.9#

Manual Integrations
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#53

2,4-Dinitrophenol

Concen: 61.73 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

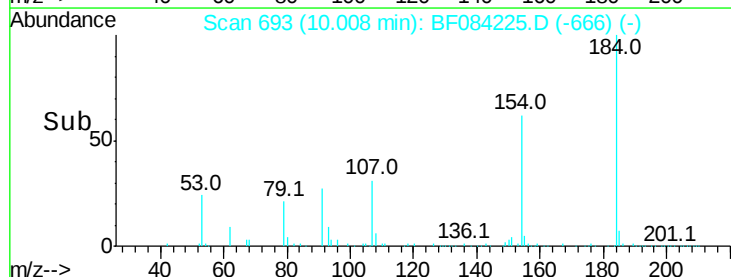
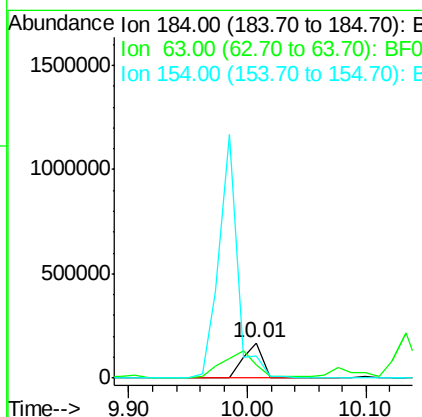
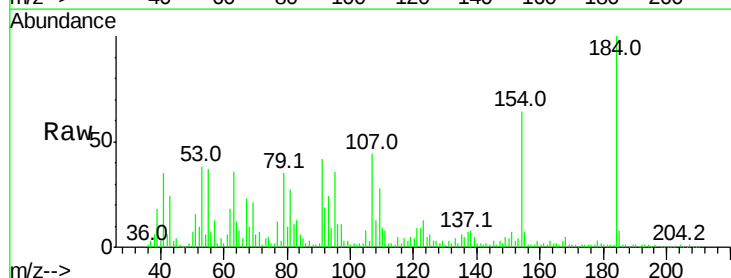
Tgt Ion:184 Resp: 199913

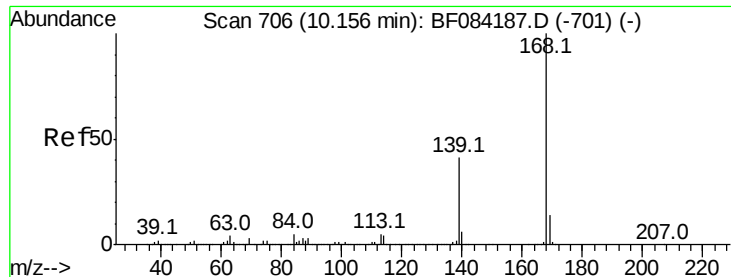
Ion Ratio Lower Upper

184 100

63 35.6 43.1 64.7#

154 64.0 60.5 90.7





#54

Dibenzofuran

Concen: 38.47 ng

RT: 10.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion:168 Resp: 1532328

Ion Ratio Lower Upper

168 100

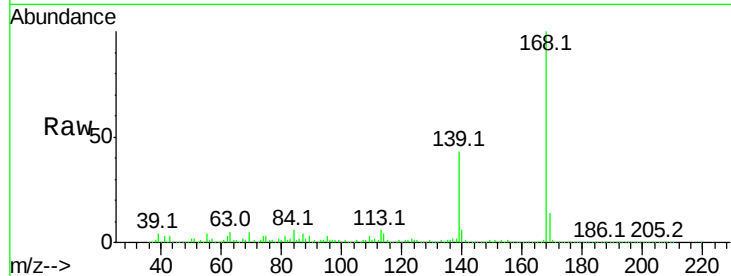
139 43.2 30.5 45.7

169 14.3 10.4 15.6

Manual Integrations
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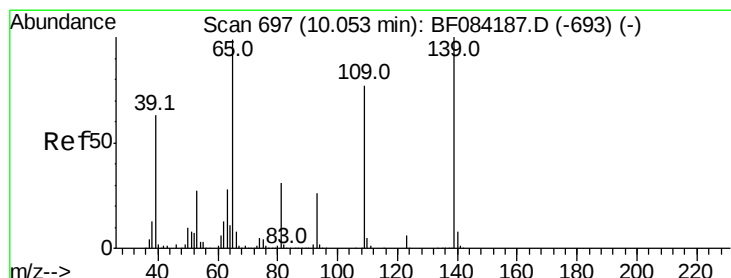
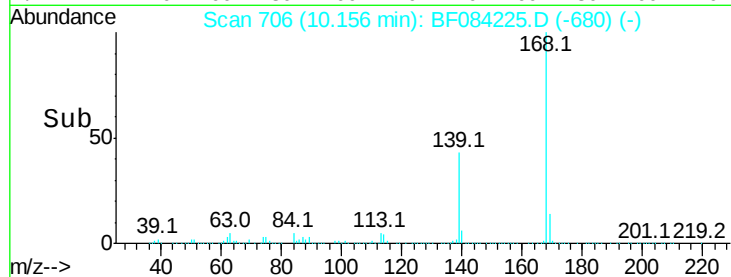
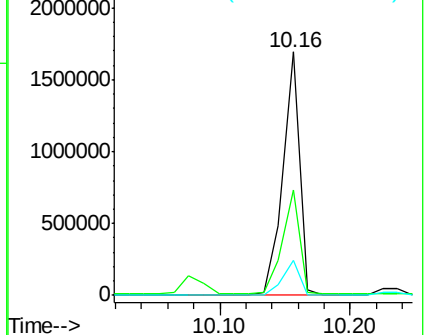
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 22.54 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.02 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

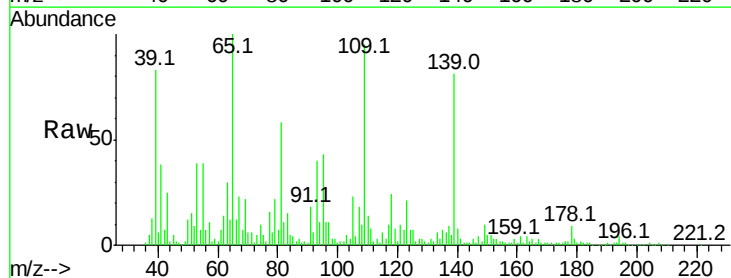
Tgt Ion:139 Resp: 156273

Ion Ratio Lower Upper

139 100

109 117.9 58.5 98.5#

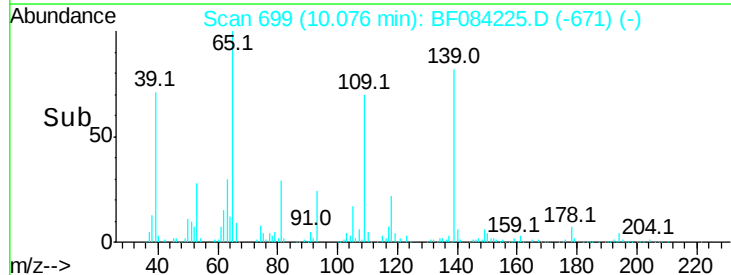
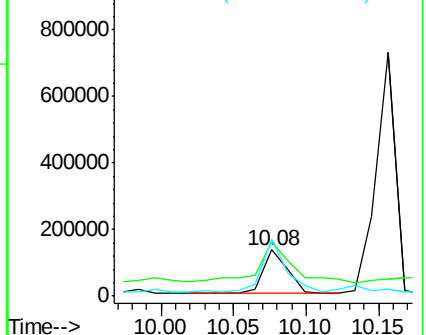
65 123.8 57.6 97.6#

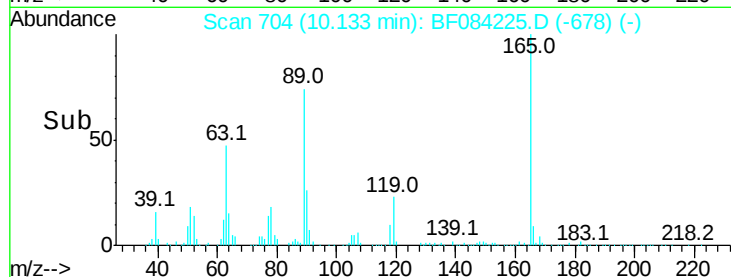
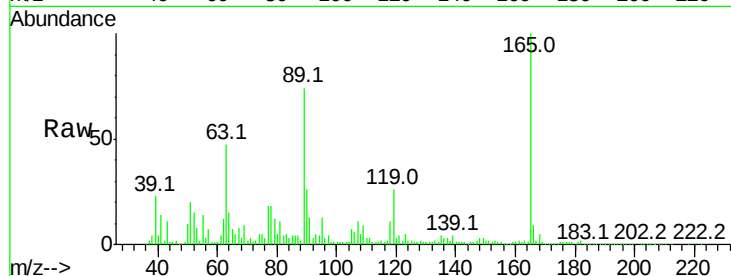
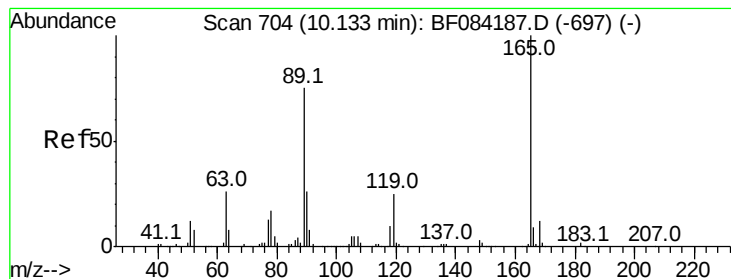


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





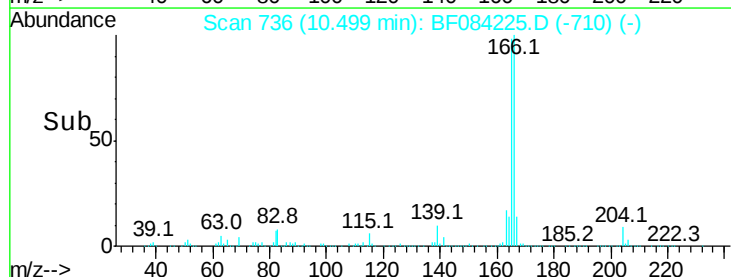
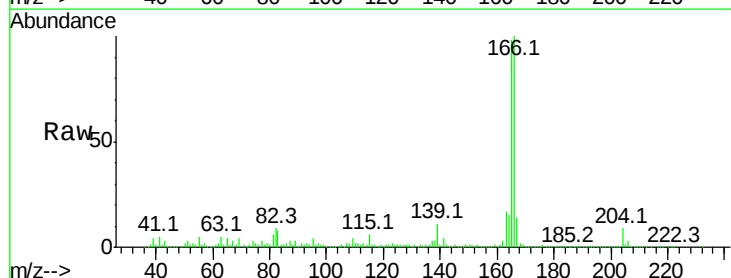
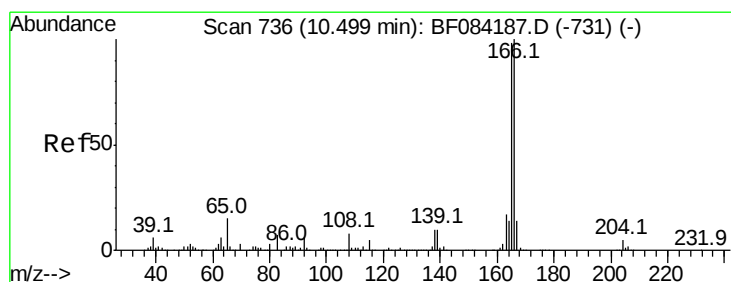
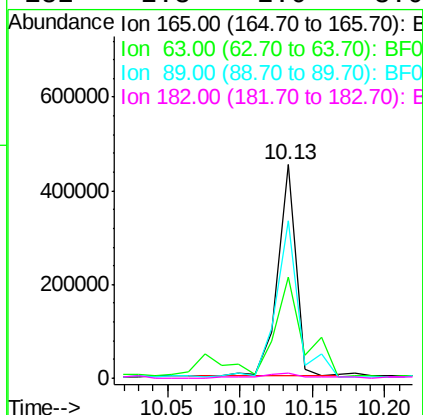
#56
2,4-Dinitrotoluene
Concen: 40.26 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tot Ion	165	Resp	392759
Ion Ratio	Lower	Upper	
165	100		
63	47.5	36.7	55.1
89	74.0	61.9	92.9
182	2.3	2.0	3.0

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

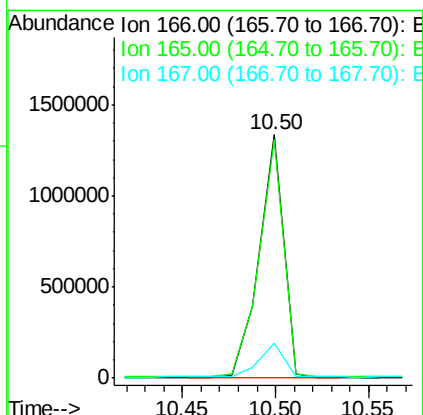
Manual Integrations
APPROVED

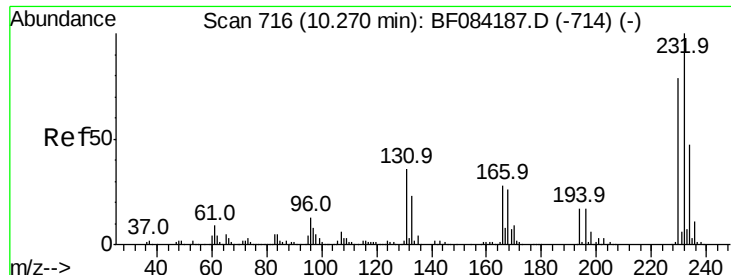
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#57
Fluorene
Concen: 39.48 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	166	Resp	1211434
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.1	118.7
167	14.4	10.4	15.6





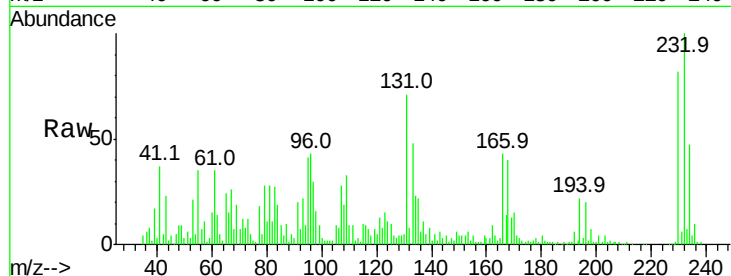
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.89 ng
 RT: 10.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF084225.D
 Acq: 1 Jan 2016 5:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MS

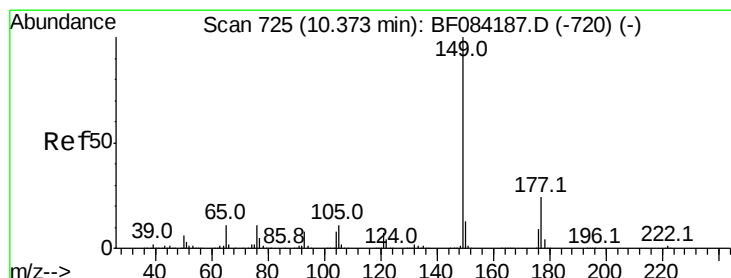
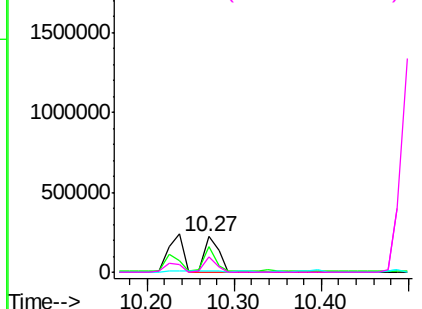
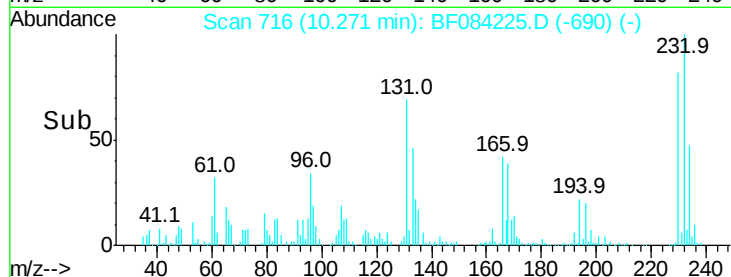
Tot Ion	Ratio	Resp	Lower	Upper
232	100	258661		
131	53.1	47.0	70.6	
130	8.9	2.0	3.0	
166	33.4	30.5	45.7	

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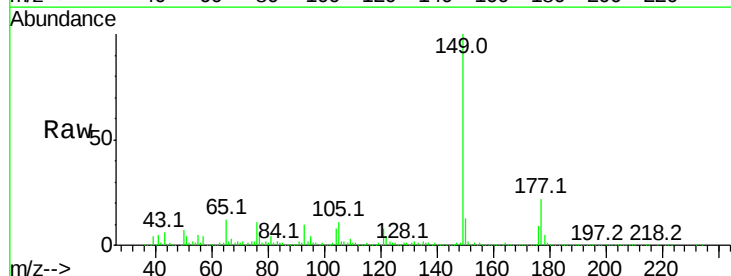


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

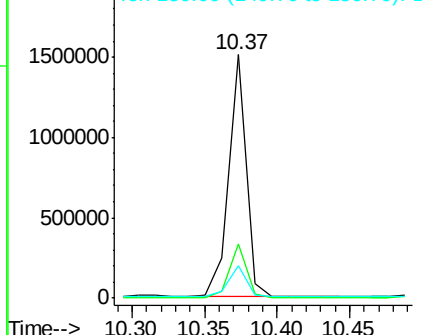
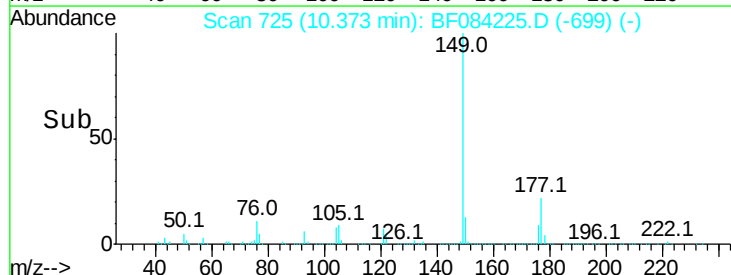


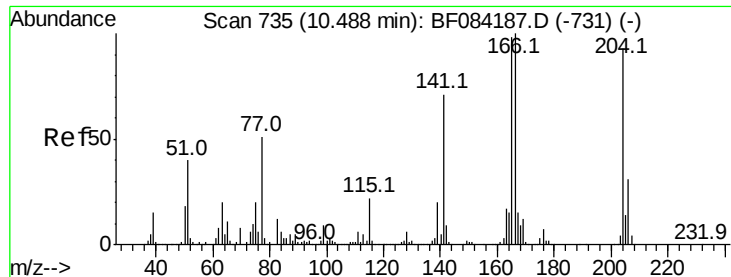
#59
 Diethylphthalate
 Concen: 36.42 ng
 RT: 10.37 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF084225.D
 Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1262233		
177	22.1	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





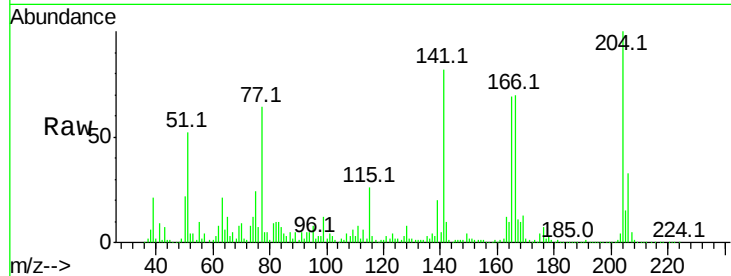
#60
4-Chlorophenyl-phenylether
Concen: 37.03 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

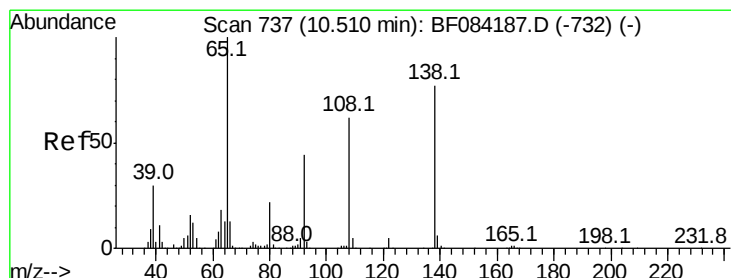
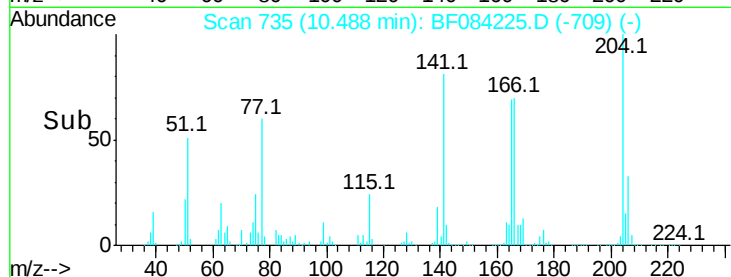
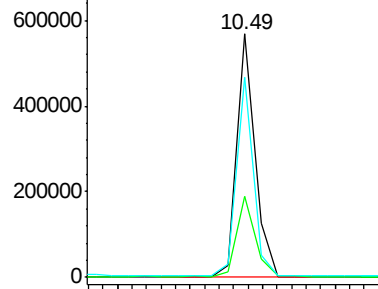
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.7	38.5
141	82.0	55.1	82.7

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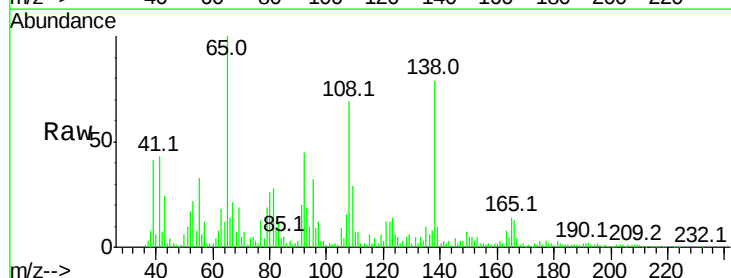


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

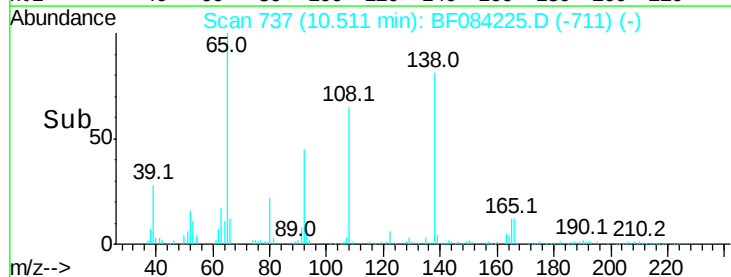
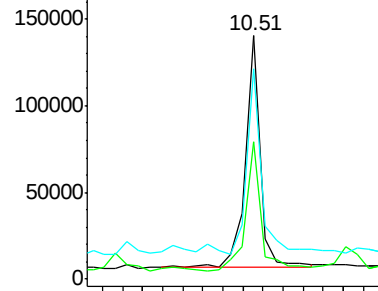


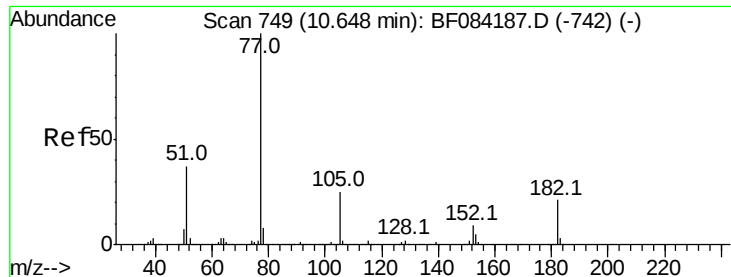
#61
4-Nitroaniline
Concen: 16.33 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	32.6	72.6
108	86.7	68.6	108.6



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





#62

Azobenzene

Concen: 35.50 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion: 77 Resp: 1349226

Ion Ratio Lower Upper

77 100

182 20.5 8.3 48.3

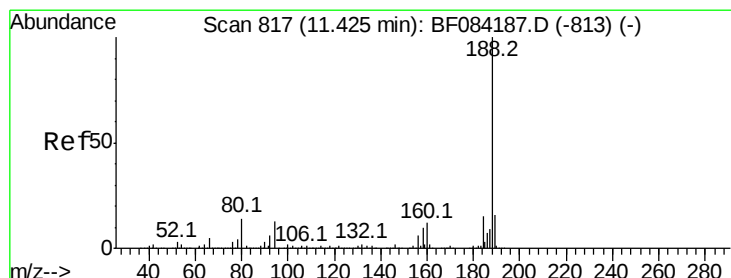
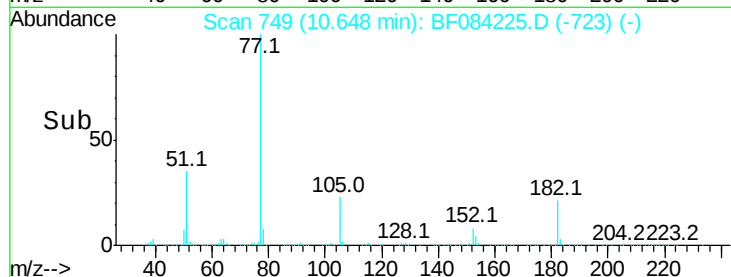
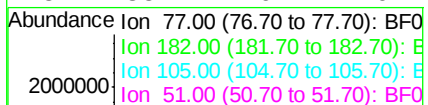
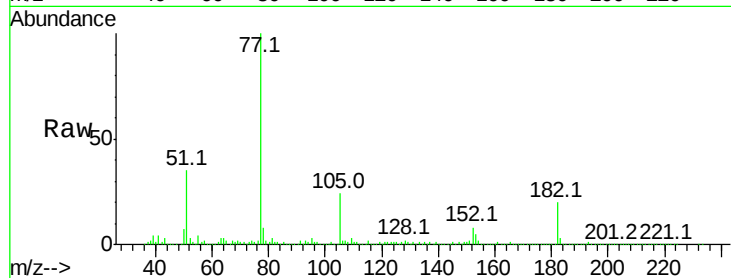
105 24.1 4.6 44.6

51 35.4 6.2 46.2

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

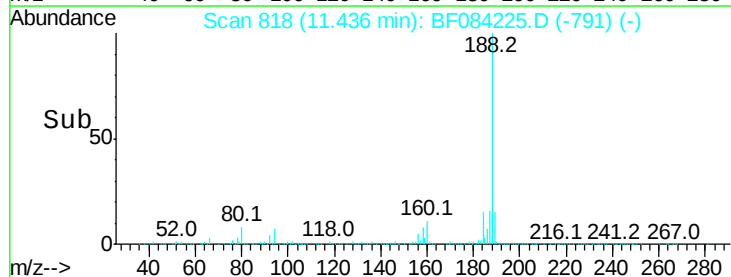
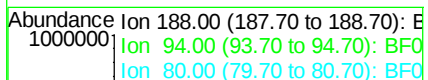
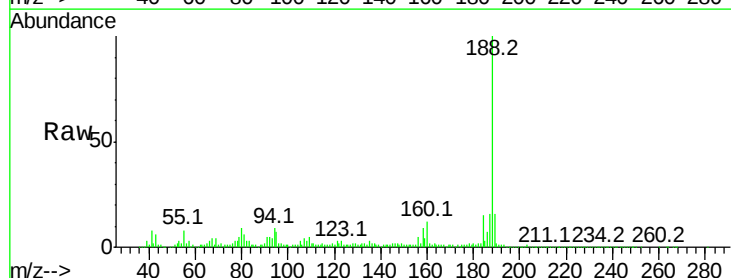
Tgt Ion: 188 Resp: 741193

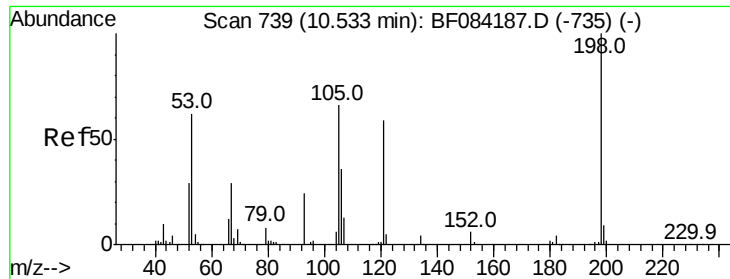
Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

80 8.9 9.6 14.4#





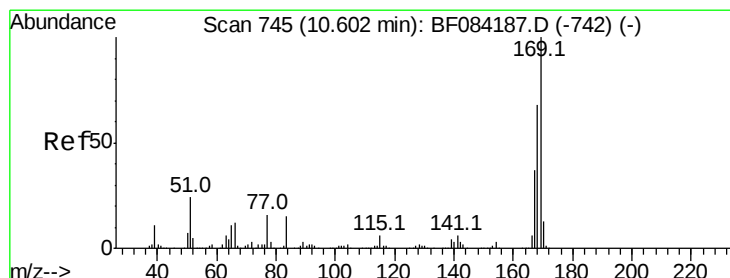
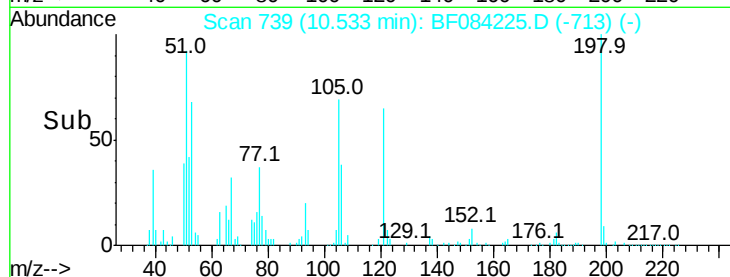
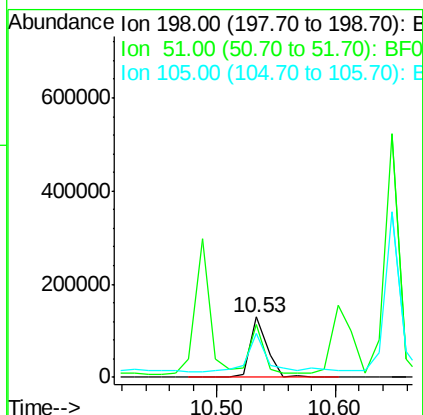
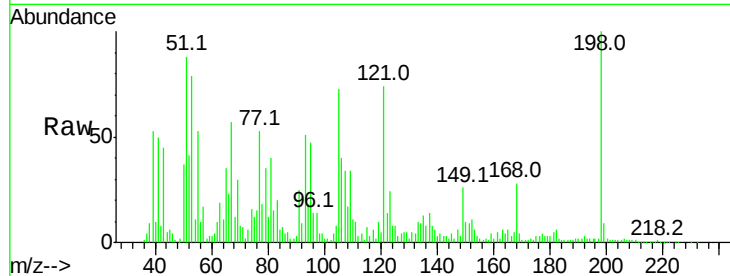
#64
4,6-Dinitro-2-methylphenol
Concen: 29.33 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	130046		
51	88.3	18.9	58.9#	
105	73.4	26.4	66.4#	

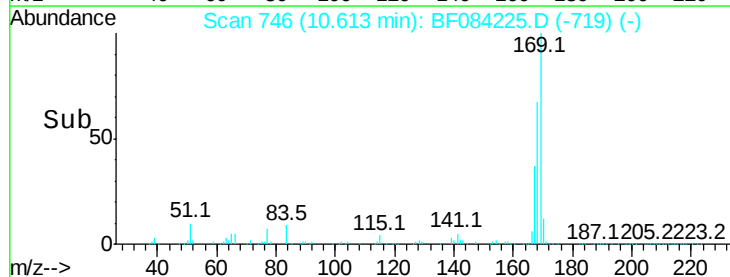
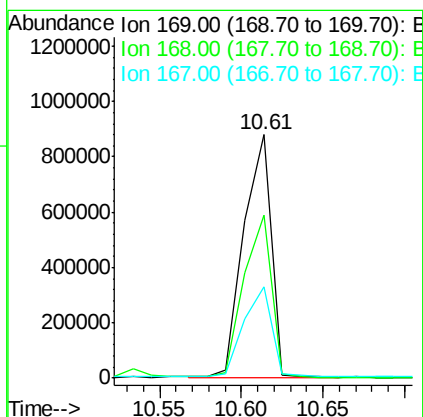
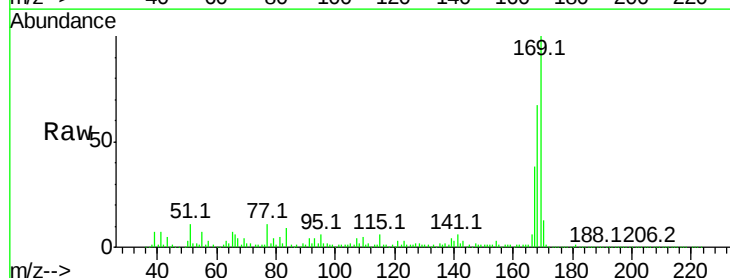
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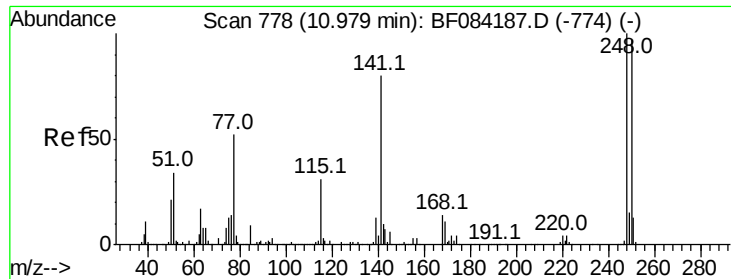
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#65
n-Nitrosodiphenylamine
Concen: 42.81 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1014592		
168	67.0	55.1	82.7	
167	37.7	30.0	45.0	





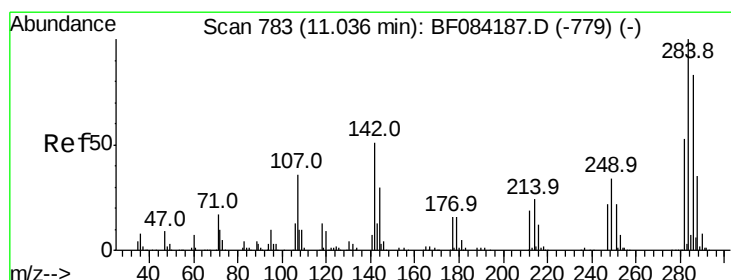
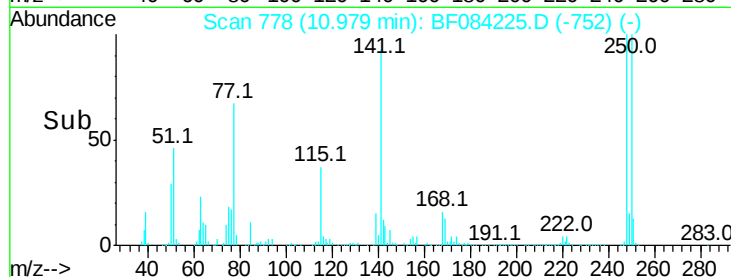
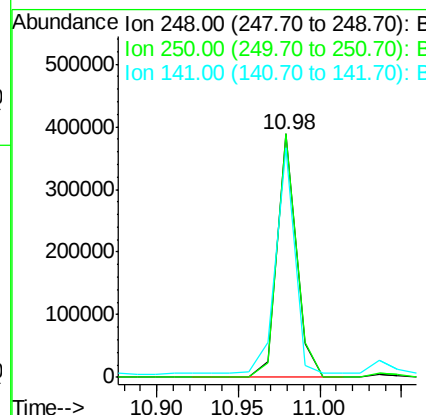
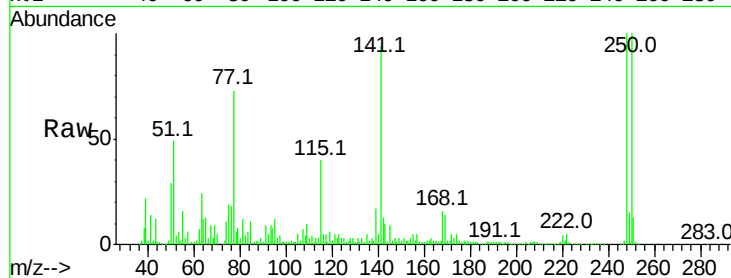
#66
4-Bromophenyl-phenylether
Concen: 40.45 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.9	78.4	117.6	
141	94.3	44.0	66.0	

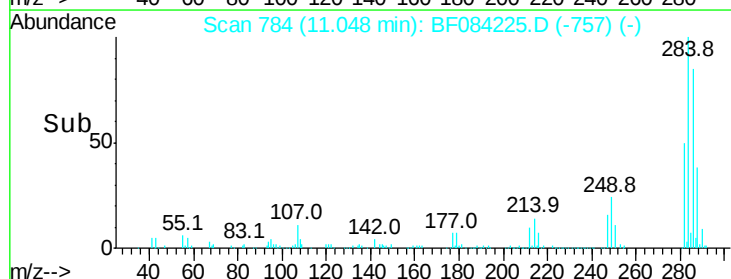
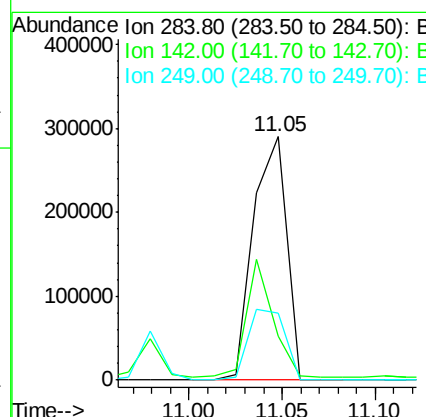
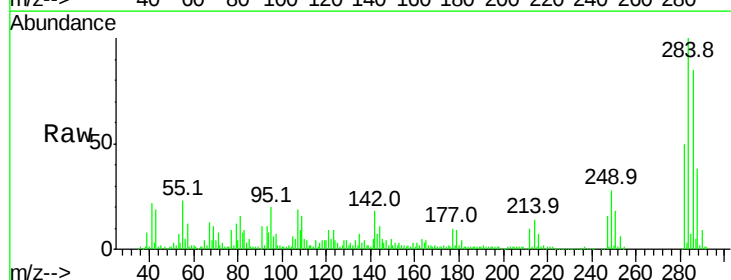
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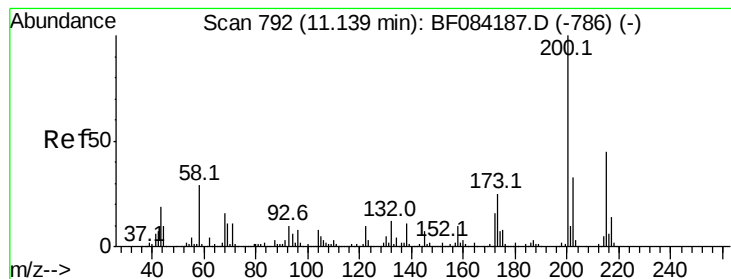
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#67
Hexachlorobenzene
Concen: 39.86 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	18.1	22.2	33.4	
249	27.6	24.6	37.0	





#68

Atrazine

Concen: 28.81 ng

RT: 11.17 min Scan# 795

Delta R.T. 0.03 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

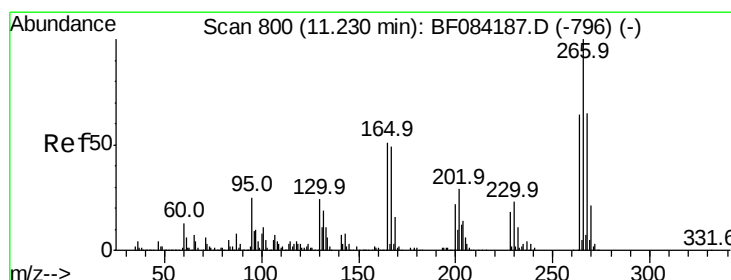
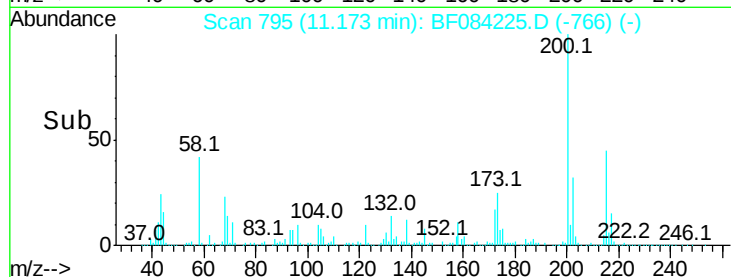
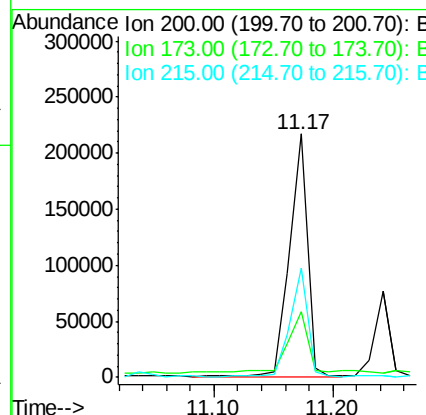
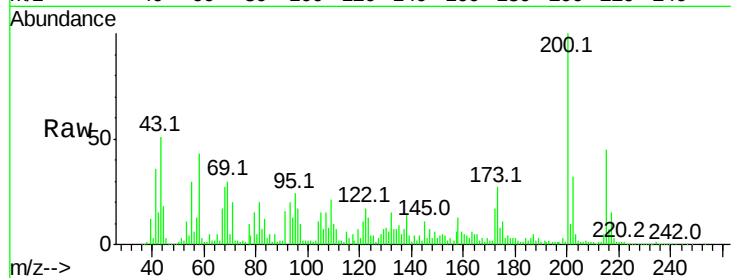
ClientSampleId :

S8-0529MS

Tot Ion:	200	Resp:	223400
Ion Ratio	Lower	Upper	
200	100		
173	26.7	9.5	49.5
215	45.1	23.8	63.8

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#69

Pentachlorophenol

Concen: 67.29 ng

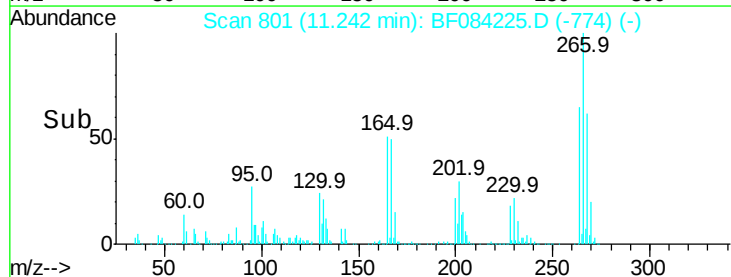
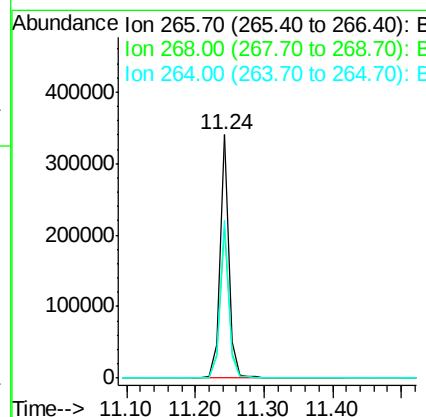
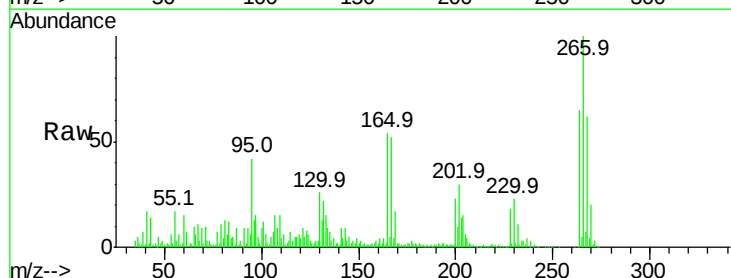
RT: 11.24 min Scan# 801

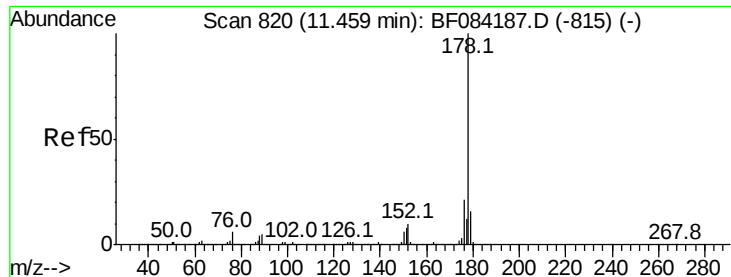
Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion:	266	Resp:	313279
Ion Ratio	Lower	Upper	
266	100		
268	61.6	52.4	78.6
264	64.7	50.2	75.2





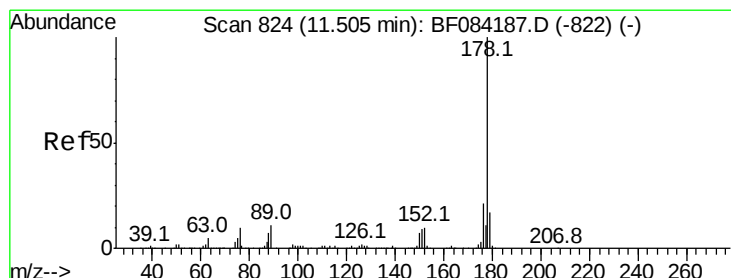
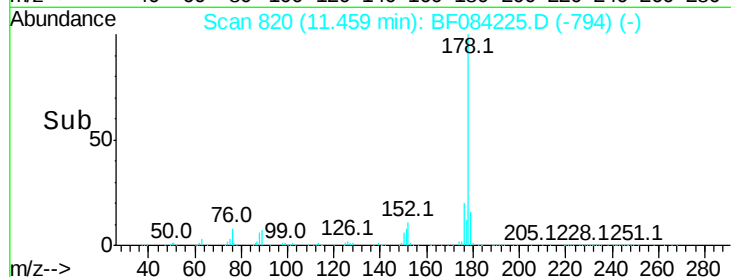
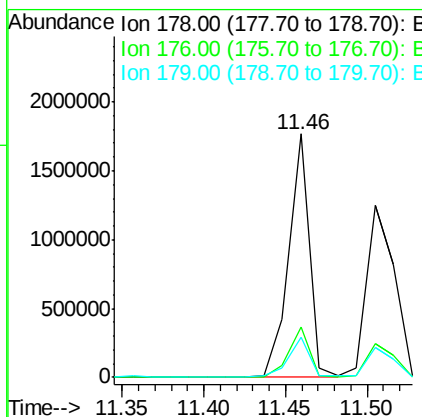
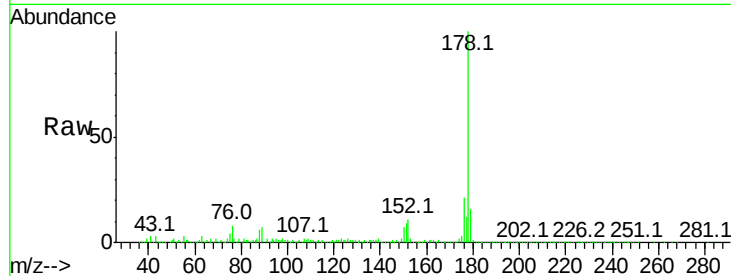
#70
Phenanthrene
Concen: 39.90 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion:178 Resp: 1546750
Ion Ratio Lower Upper
178 100
176 20.6 15.3 22.9
179 16.5 12.0 18.0

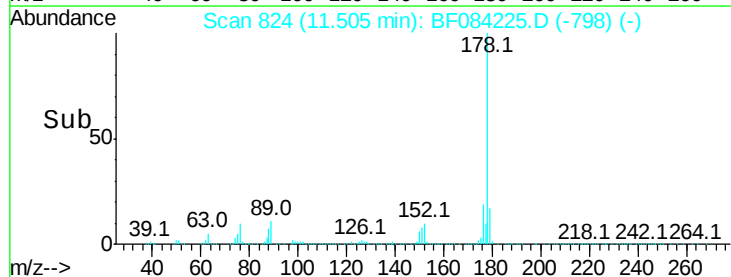
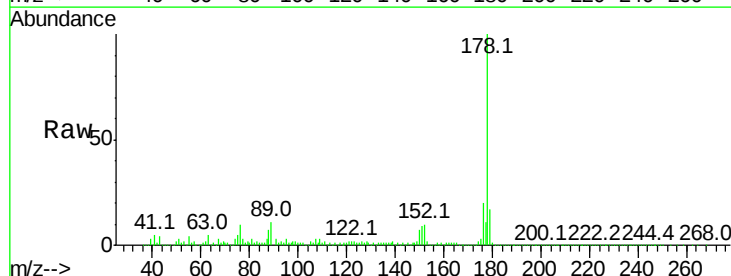
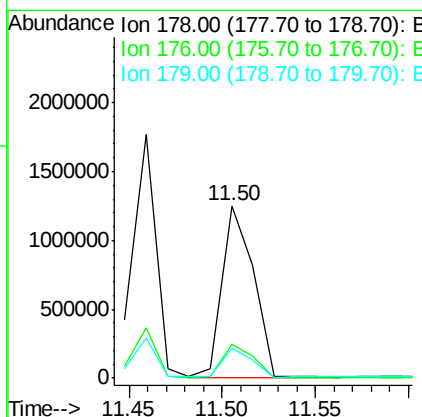
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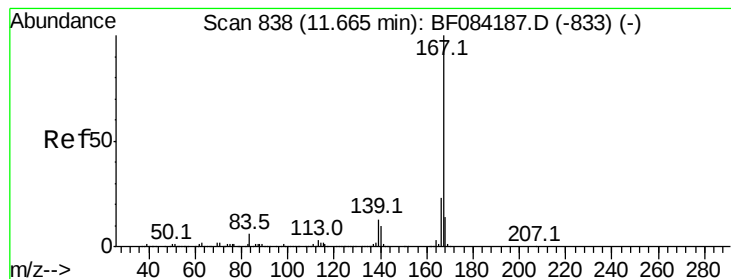
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#71
Anthracene
Concen: 38.53 ng
RT: 11.50 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion:178 Resp: 1464369
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 17.1 12.5 18.7





#72

Carbazole

Concen: 31.15 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion:167 Resp: 1157426

Ion Ratio Lower Upper

167 100

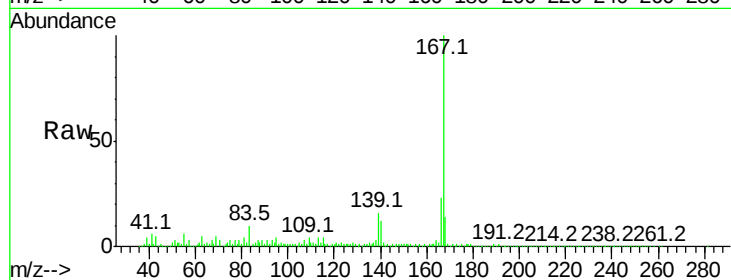
166 22.6 17.6 26.4

139 16.2 11.8 17.8

Manual Integrations
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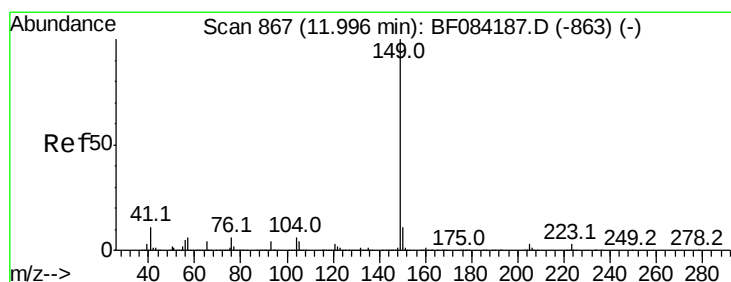
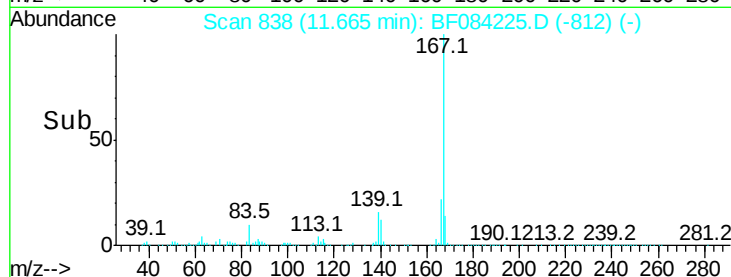
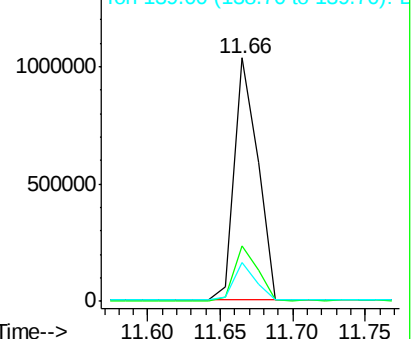
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 40.30 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

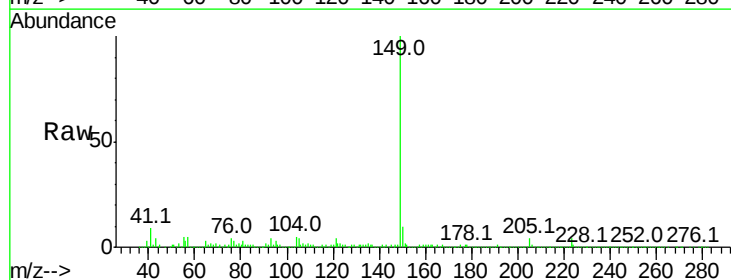
Tgt Ion:149 Resp: 1635696

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

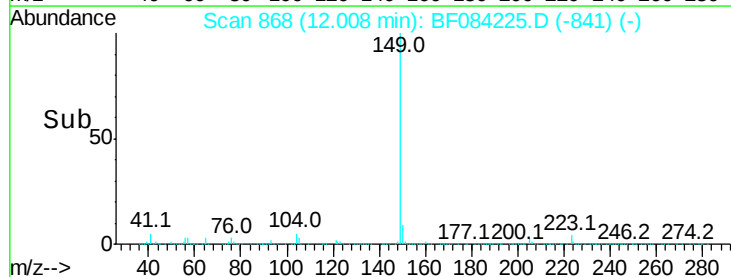
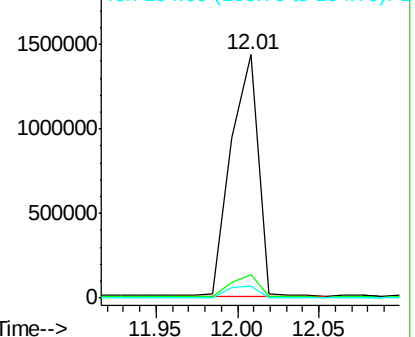
104 4.8 3.2 4.8

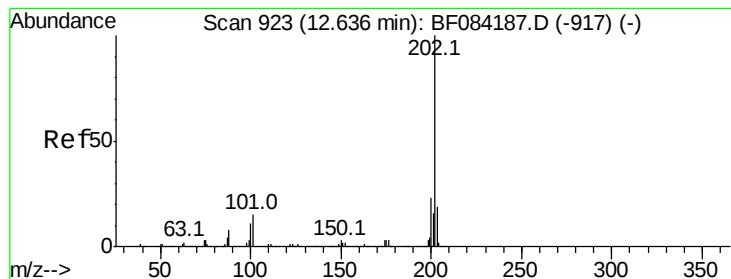


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 34.49 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

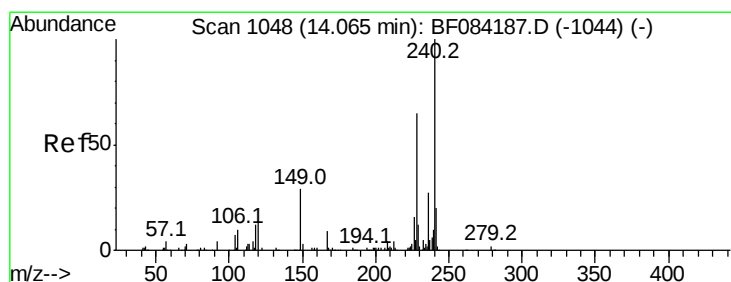
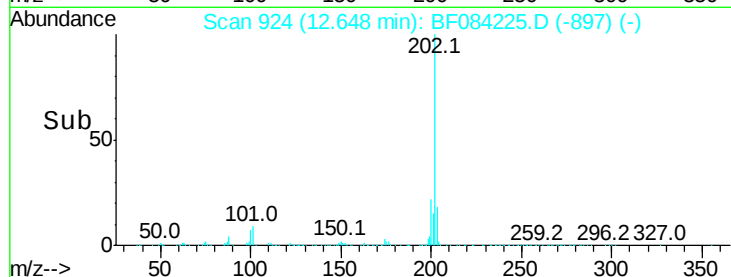
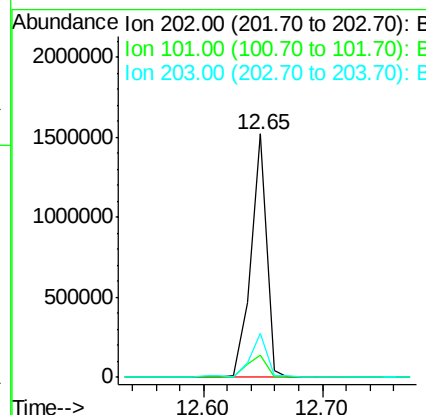
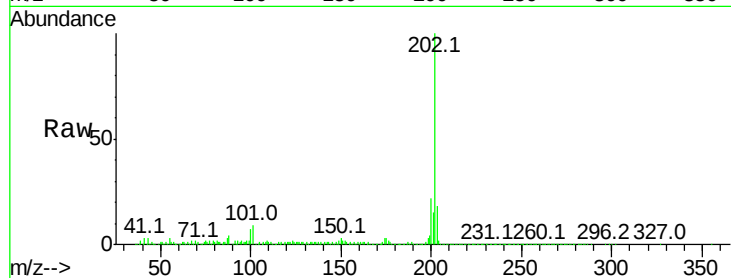
ClientSampleId :

S8-0529MS

Tot Ion:	202	Resp:	1396908
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	32.8
203	18.3	0.0	37.9

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#75

Chrysene-d12

Concen: 20.00 ng

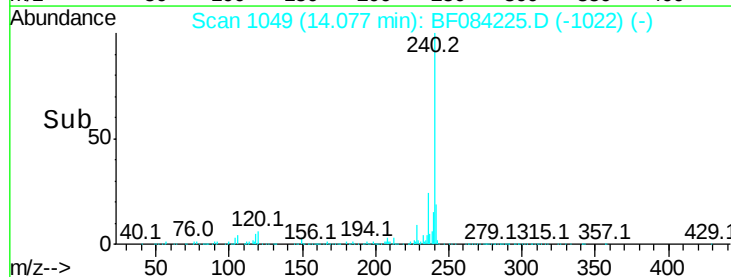
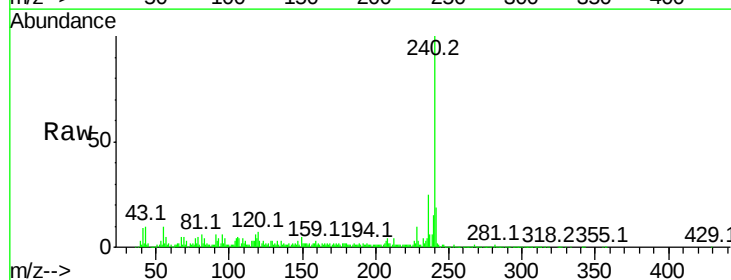
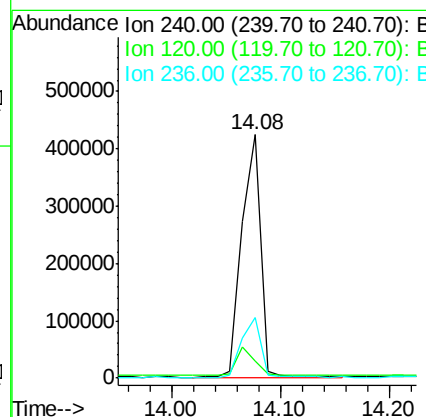
RT: 14.08 min Scan# 1049

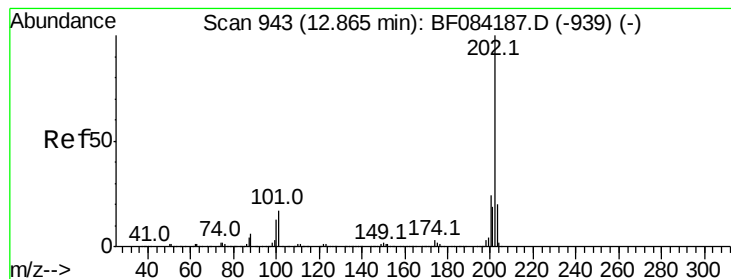
Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion:	240	Resp:	496670
Ion Ratio	Lower	Upper	
240	100		
120	7.2	9.5	14.3#
236	24.8	20.6	31.0





#77

Pvrene

Concen: 35.82 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

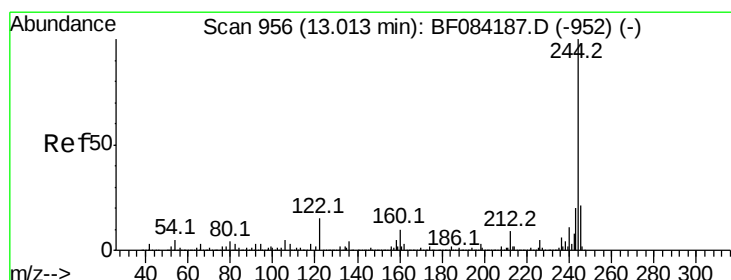
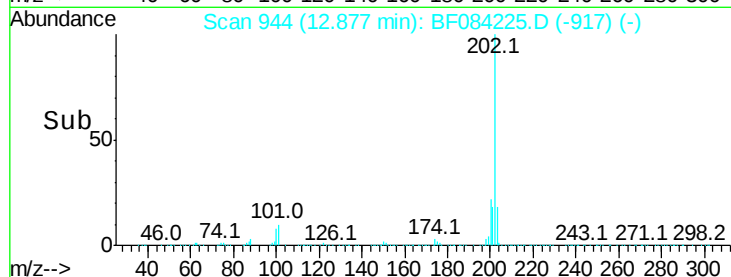
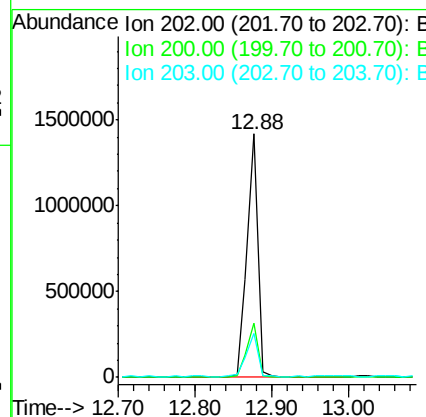
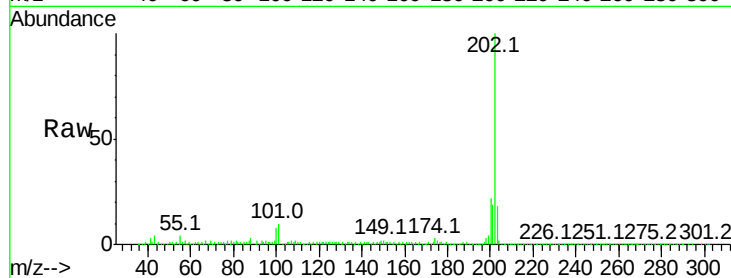
ClientSampleId :

S8-0529MS

Tot Ion:	202	Resp:	1396251
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.2	25.8
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 65.86 ng

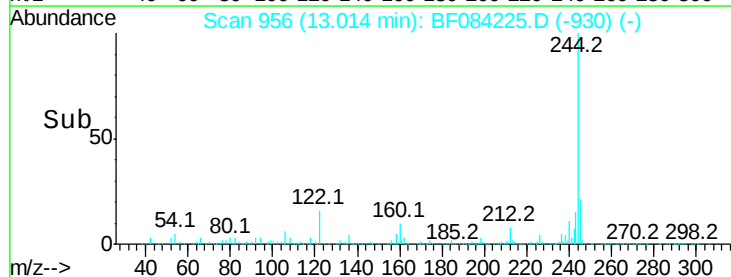
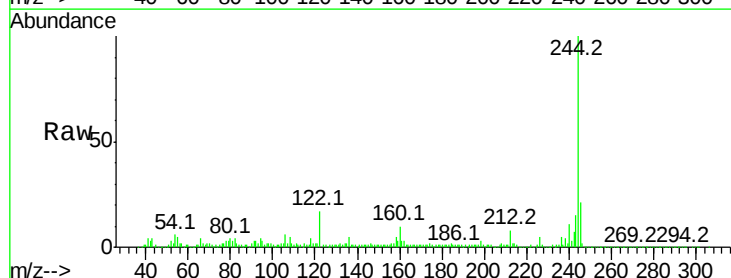
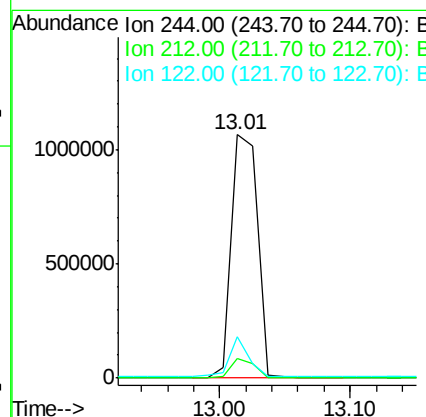
RT: 13.01 min Scan# 956

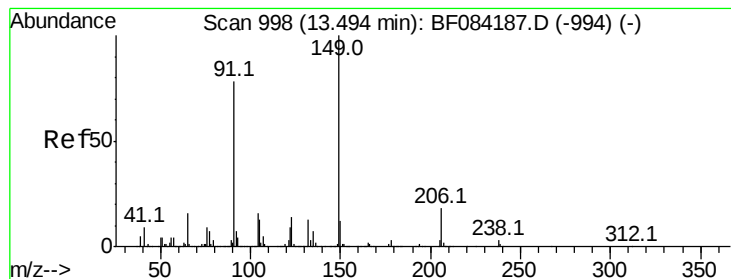
Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion:	244	Resp:	1465336
Ion Ratio	Lower	Upper	
244	100		
212	7.8	5.7	8.5
122	16.8	7.4	11.0#





#79

Butylbenzylphthalate

Concen: 35.69 ng

RT: 13.51 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

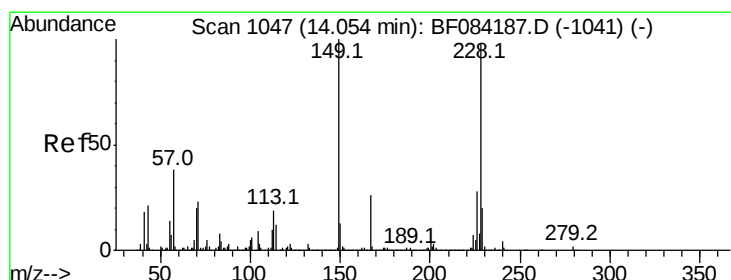
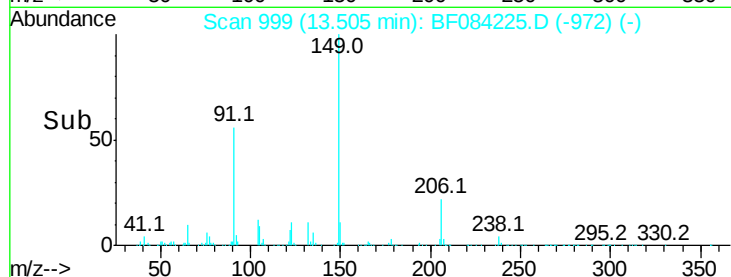
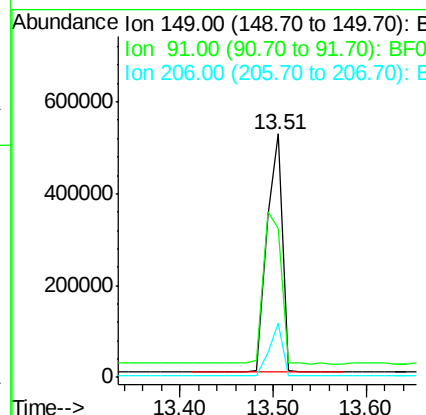
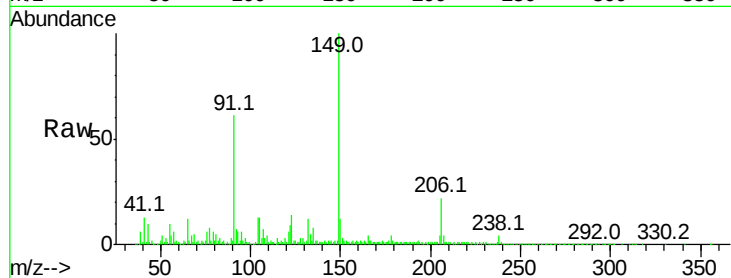
ClientSampleId :

S8-0529MS

Tot Ion:	149	Resp:	601883
Ion Ratio	Lower	Upper	
149	100		
91	61.3	57.6	86.4
206	22.3	13.2	19.8

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#80

Benzo(a)anthracene

Concen: 37.88 ng

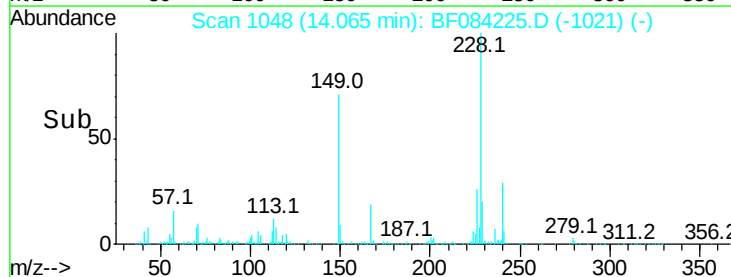
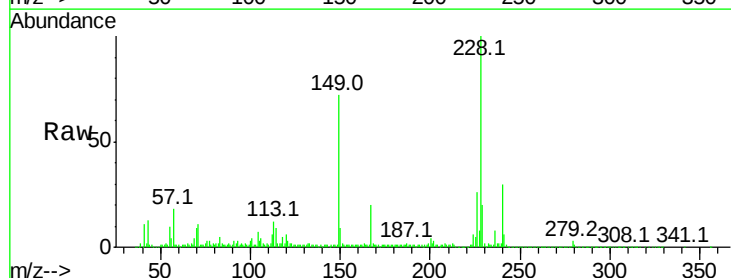
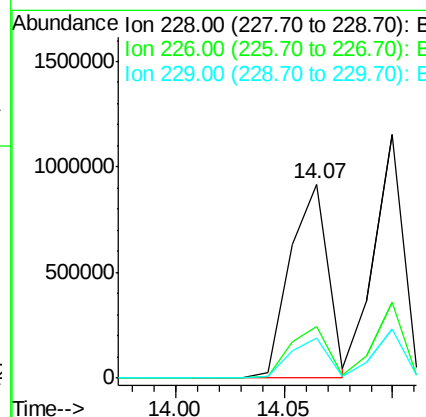
RT: 14.07 min Scan# 1048

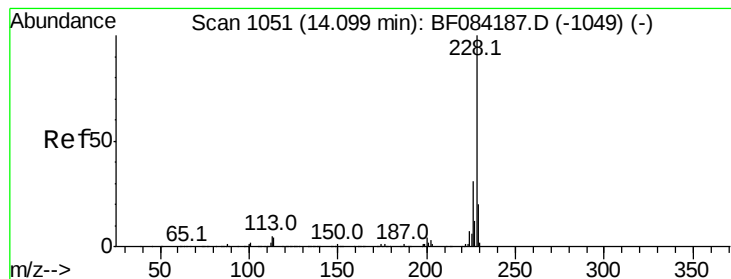
Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Tgt Ion:	228	Resp:	1104659
Ion Ratio	Lower	Upper	
228	100		
226	26.5	21.8	32.6
229	20.4	15.8	23.8





#82

Chrysene

Concen: 38.67 ng

RT: 14.10 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

Instrument :

BNA_F

ClientSampleId :

S8-0529MS

Tot Ion:228 Resp: 1083676

Ion Ratio Lower Upper

228 100

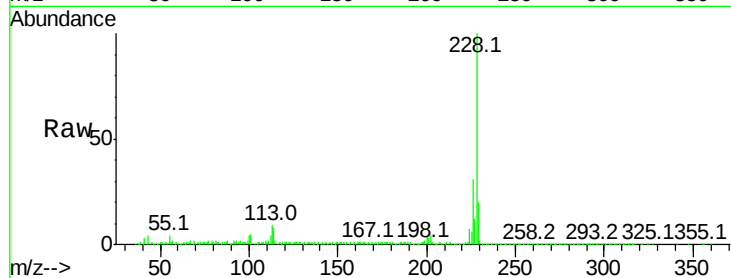
226 31.2 24.3 36.5

229 20.4 16.1 24.1

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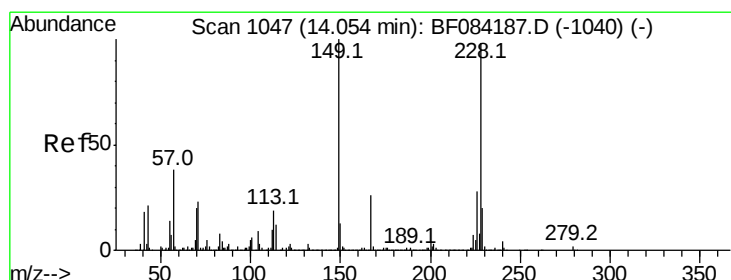
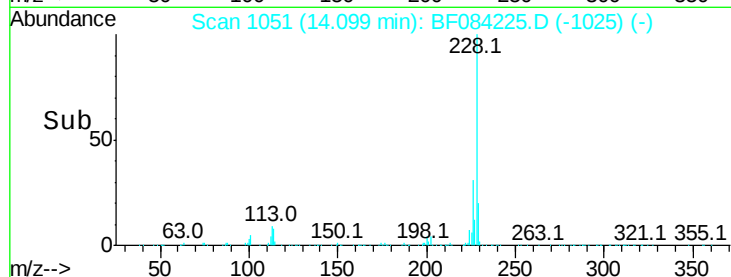
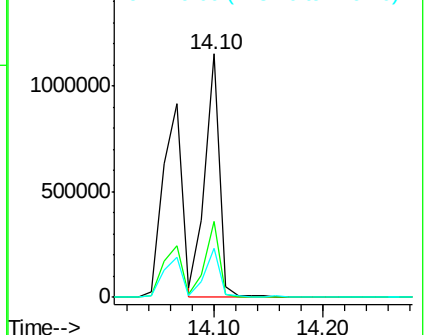


Abundance

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: 37.45 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF084225.D

Acq: 1 Jan 2016 5:15

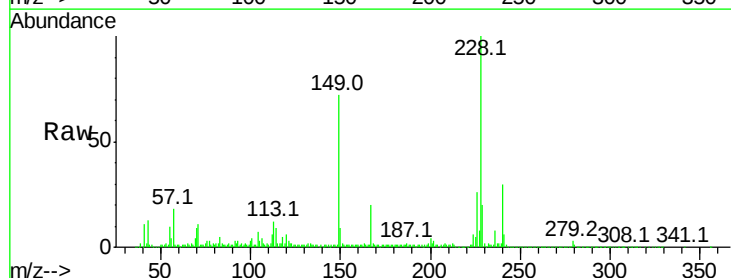
Tgt Ion:149 Resp: 797980

Ion Ratio Lower Upper

149 100

167 28.0 19.7 29.5

279 4.2 1.8 2.6#

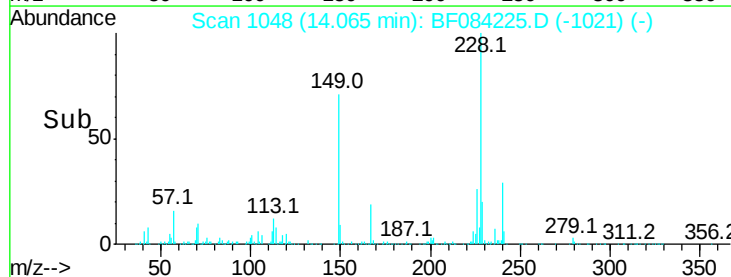
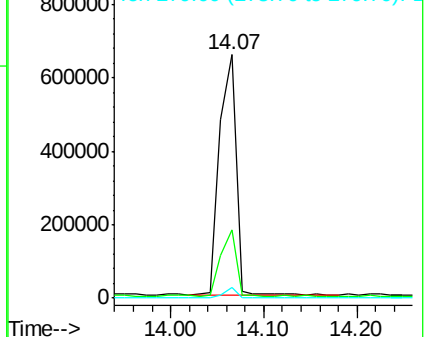


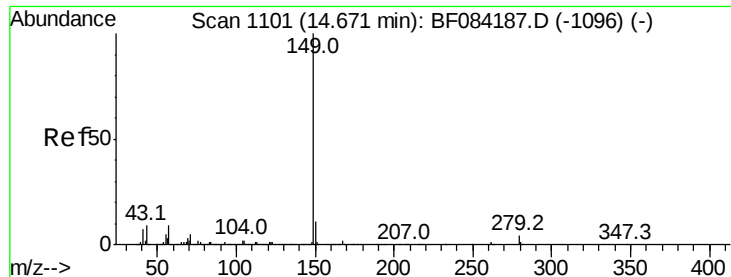
Abundance

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





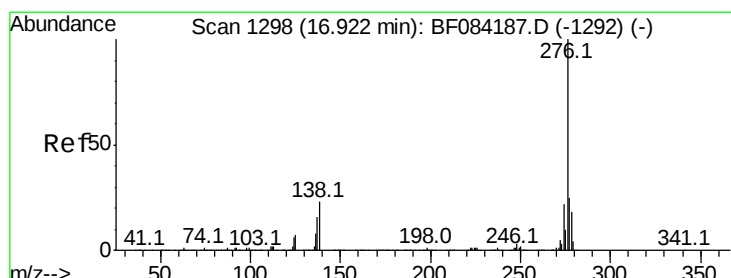
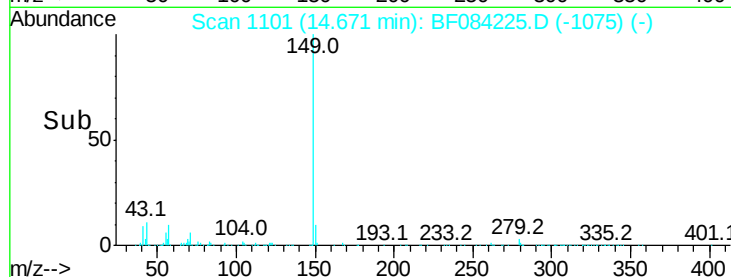
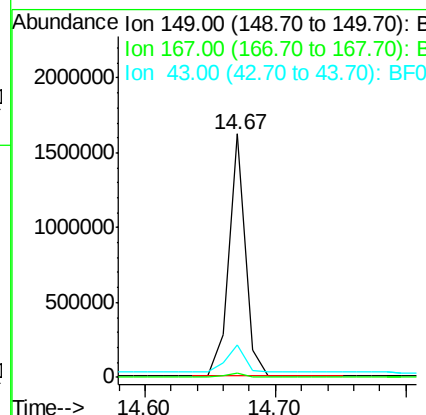
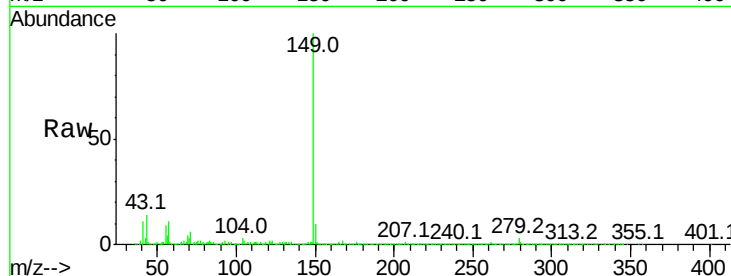
#84
Di-n-octyl phthalate
Concen: 39.65 ng
RT: 14.67 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	13.0	5.6	8.4

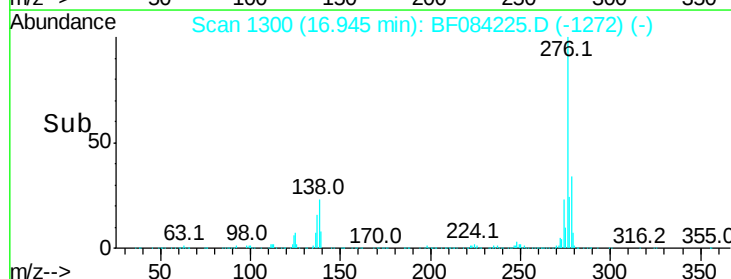
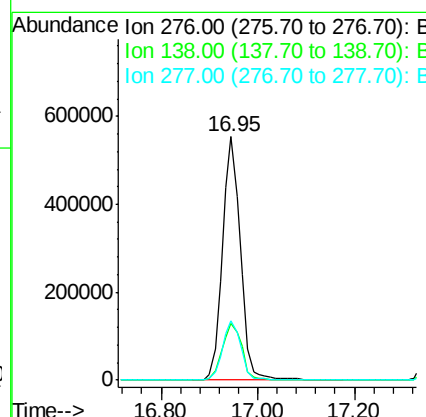
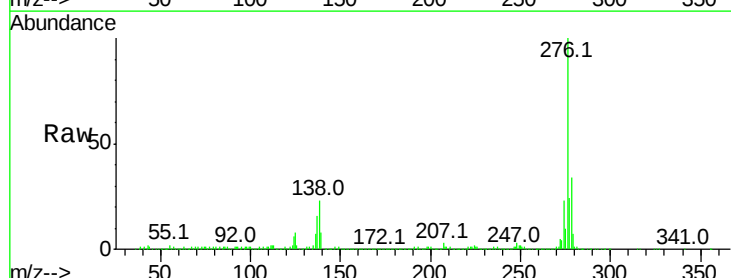
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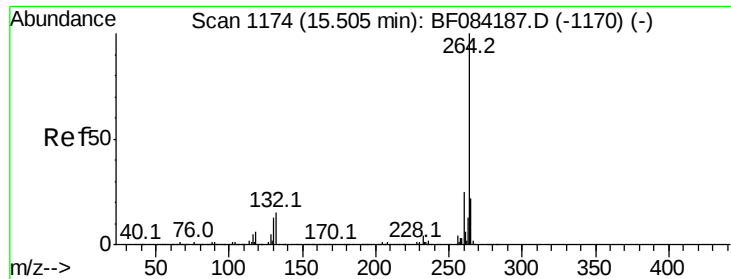
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#85
Indeno(1,2,3-cd)pyrene
Concen: 65.19 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	30.8
277	24.6	20.1	30.1





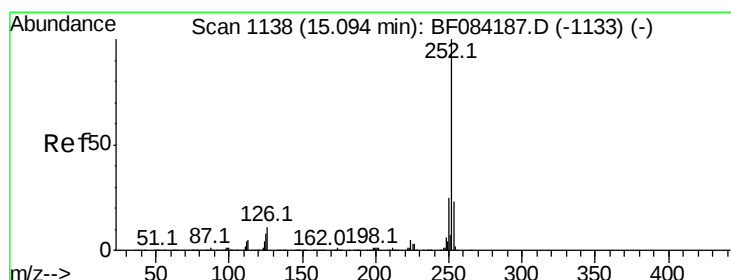
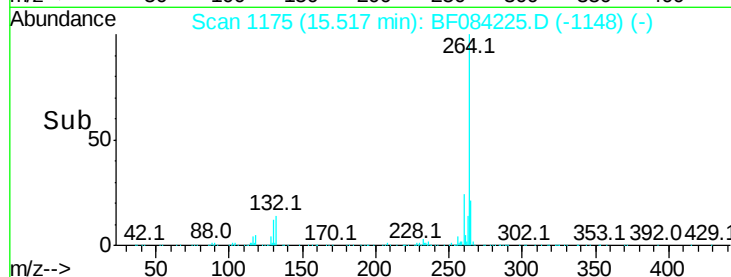
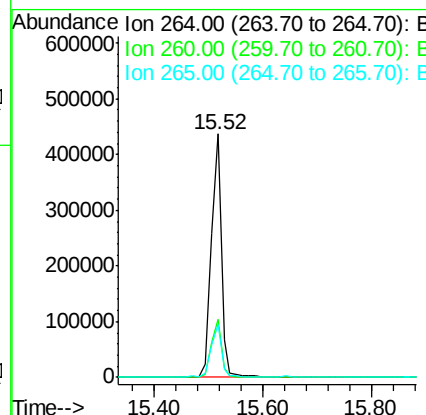
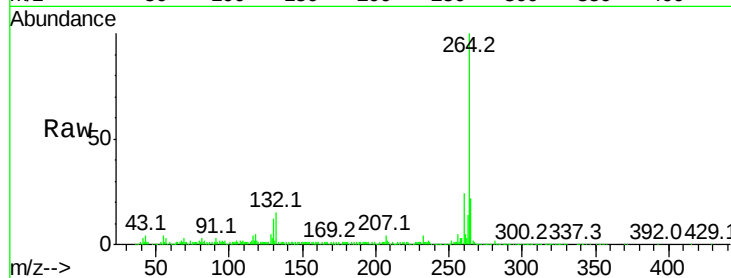
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampled :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.6	17.8	26.6

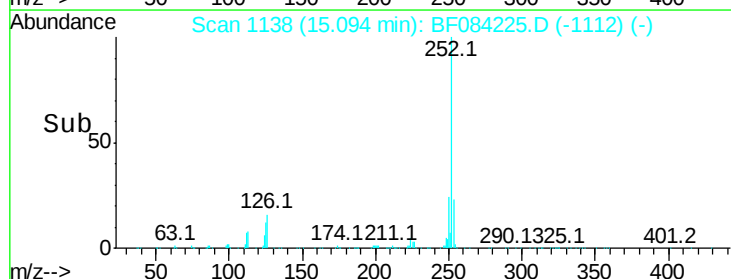
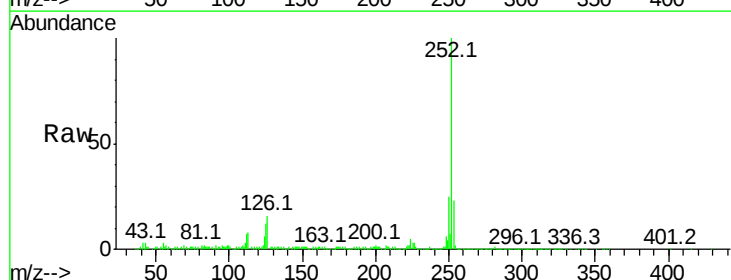
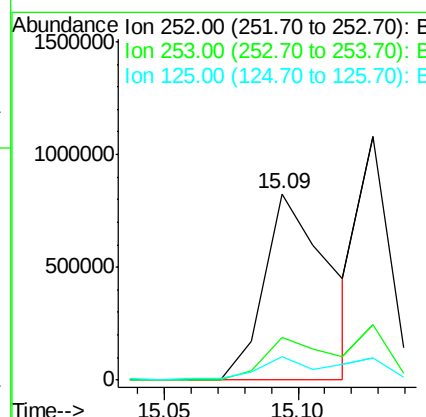
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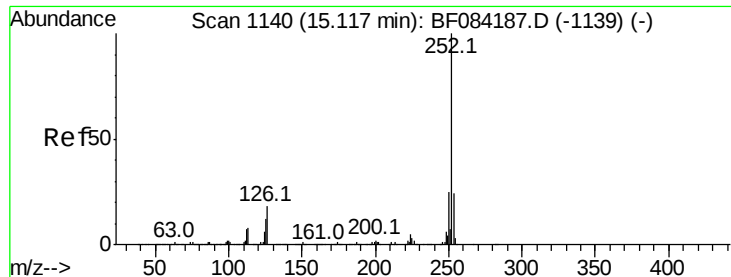
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#87
Benzo(b)fluoranthene
Concen: 38.66 ng m
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	12.4	6.5	9.7#





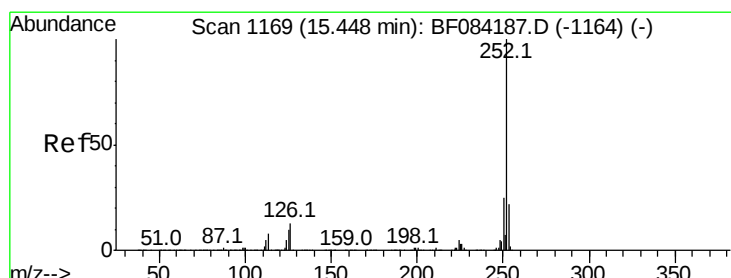
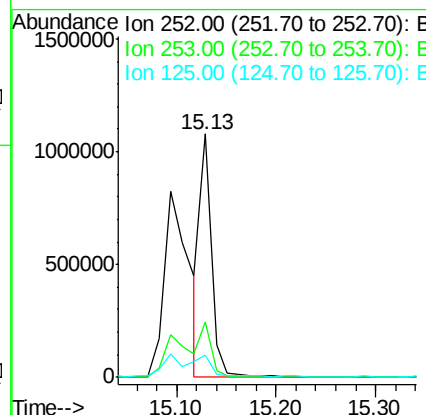
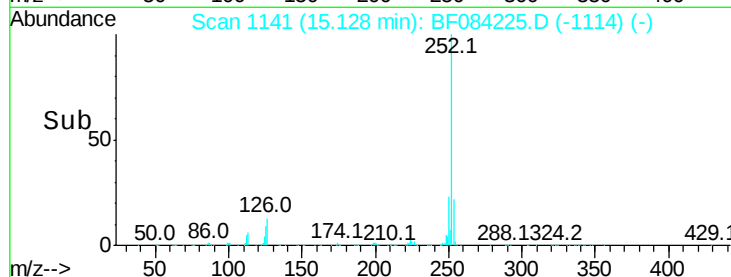
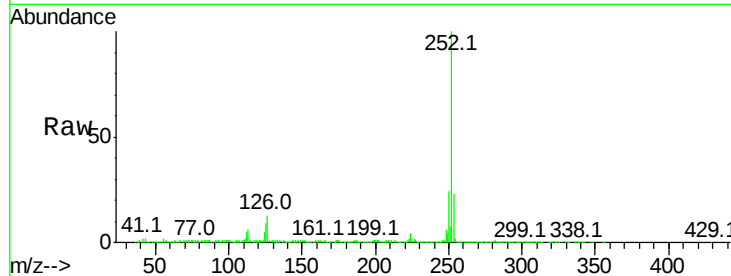
#88
Benzo(k)fluoranthene
Concen: 29.71 ng m
RT: 15.13 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	885512		
253	22.6	18.1	27.1	
125	9.4	9.0	13.6	

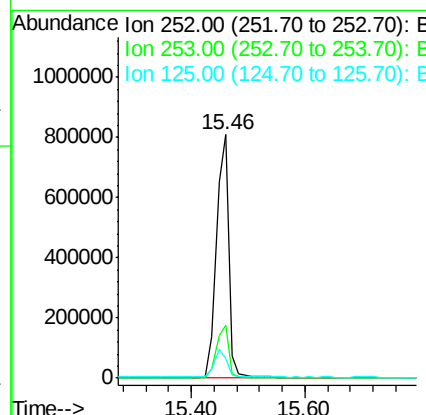
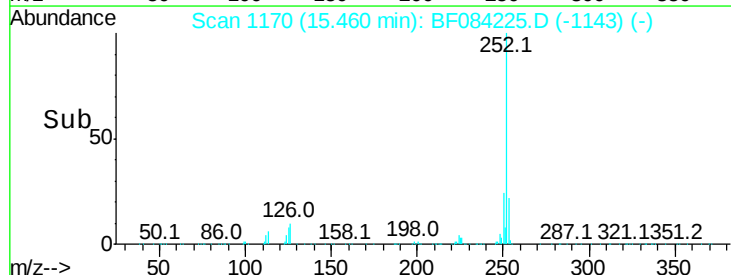
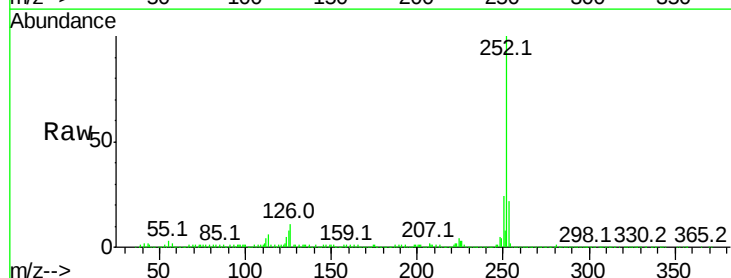
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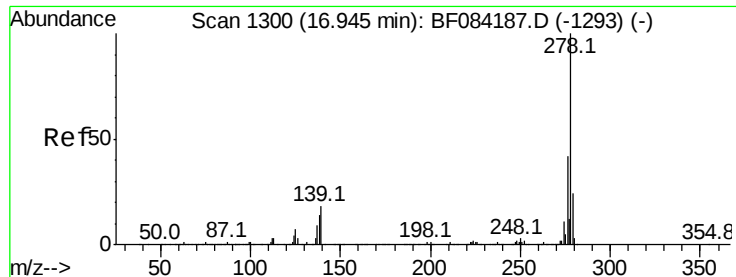
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#89
Benzo(a)pyrene
Concen: 38.20 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1180786		
253	21.9	17.3	25.9	
125	8.2	7.0	10.4	





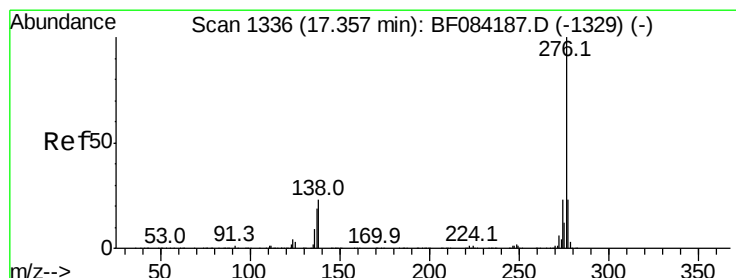
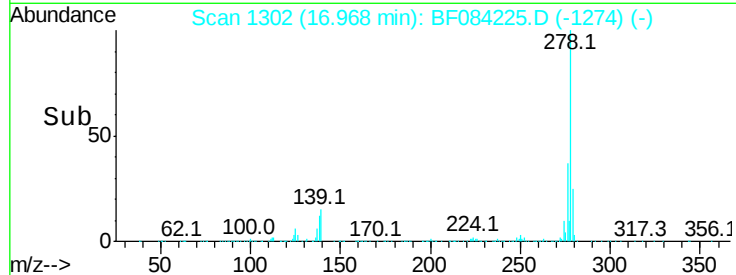
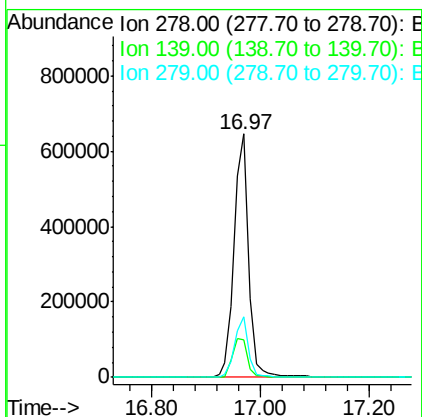
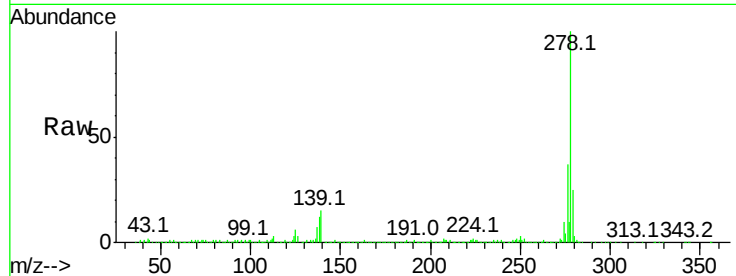
#90
Dibenzo(a,h)anthracene
Concen: 44.54 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Instrument :
BNA_F
ClientSampleId :
S8-0529MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.0	22.4
279	24.7	18.9	28.3

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 45.10 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF084225.D
Acq: 1 Jan 2016 5:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.3	17.8	26.6

