

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085598.D
 Acq On : 20 Mar 2016 5:16
 Operator : UM/SJ
 Sample : H1790-05MSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Manual Integrations
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 3/21/2016 5:10:03 PM

Quant Time: Mar 21 04:38:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132782	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	513795	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	231547	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	362001	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	250644	20.00	ng	0.00
86) Perylene-d12	15.44	264	253970	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	993902	125.73	ng	0.02
7) Phenol-d6	6.49	99	1116360	110.11	ng	0.00
23) Nitrobenzene-d5	7.42	82	794336	89.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	288905	127.37	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1308948	101.26	ng	-0.01
78) Terphenyl-d14	12.96	244	1023334	98.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	124380	32.37	ng	99
3) Pyridine	3.33	79	244010	25.86	ng	99
4) n-Nitrosodimethylamine	3.26	42	149430	37.93	ng	99
6) Aniline	6.52	93	215995	15.86	ng	# 68
8) 2-Chlorophenol	6.64	128	379232	41.47	ng	96
9) Benzaldehyde	6.40	77	49149	7.50	ng	99
10) Phenol	6.50	94	355386	30.77	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	388026	44.57	ng	99
12) 1,3-Dichlorobenzene	6.80	146	386271	38.76	ng	99
13) 1,4-Dichlorobenzene	6.87	146	382355	37.61	ng	99
14) 1,2-Dichlorobenzene	7.03	146	377197	41.79	ng	98
15) Benzyl Alcohol	7.00	79	305502	43.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	454776	39.72	ng	95
17) 2-Methylphenol	7.11	107	312288	41.19	ng	99
18) Hexachloroethane	7.36	117	137762	37.53	ng	# 78
19) n-Nitroso-di-n-propylamine	7.27	70	248346	41.01	ng	93
20) 3+4-Methylphenols	7.27	107	354593	40.39	ng	97
22) Acetophenone	7.27	105	480945	39.45	ng	# 97
24) Nitrobenzene	7.44	77	415130	42.85	ng	96
25) Isophorone	7.68	82	742655	41.91	ng	96
26) 2-Nitrophenol	7.76	139	209017	43.65	ng	# 89
27) 2,4-Dimethylphenol	7.80	122	335991	39.68	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	440916	43.74	ng	99
29) 2,4-Dichlorophenol	8.00	162	314699	45.00	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	314666	40.17	ng	97
31) Naphthalene	8.16	128	1133253	43.70	ng	100
32) Benzoic acid	7.92	122	223325	31.54	ng	99
33) 4-Chloroaniline	8.21	127	101829	9.58	ng	# 92
34) Hexachlorobutadiene	8.28	225	162154	38.84	ng	98
35) Caprolactam	8.58	113	92147m	38.30	ng	
36) 4-Chloro-3-methylphenol	8.70	107	329168	40.30	ng	100
37) 2-Methylnaphthalene	8.86	142	737534	46.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	275820	39.27	ng	99
40) Hexachlorocyclopentadiene	9.01	237	145058	45.82	ng	99

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Manual Integrations
 APPROVED

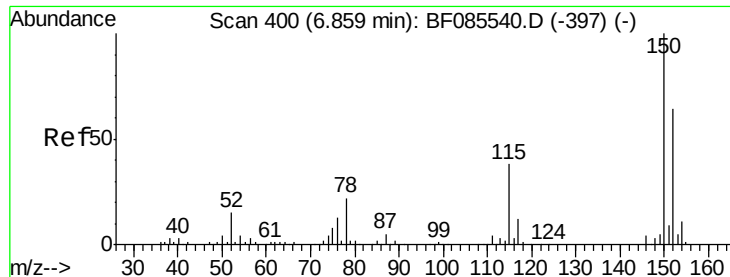
apatel
 3/21/2016 5:10:03 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.13	196	212012	44.10	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	215442	44.03	ng #	89
45) 1,1'-Biphenyl	9.32	154	769844	38.54	ng	98
46) 2-Chloronaphthalene	9.34	162	597097	40.92	ng #	92
47) 2-Nitroaniline	9.44	65	216464	49.04	ng	93
48) Acenaphthylene	9.76	152	1055823	44.71	ng	99
49) Dimethylphthalate	9.62	163	810665	46.40	ng	99
50) 2,6-Dinitrotoluene	9.68	165	157858	42.79	ng	93
51) Acenaphthene	9.93	154	686314	46.32	ng	99
52) 3-Nitroaniline	9.85	138	111137	24.06	ng #	80
53) 2,4-Dinitrophenol	9.96	184	90025	39.84	ng	92
54) Dibenzofuran	10.10	168	902957	50.04	ng	98
55) 4-Nitrophenol	10.01	139	217109	60.81	ng	91
56) 2,4-Dinitrotoluene	10.08	165	209305	43.34	ng #	50
57) Fluorene	10.45	166	652809	43.41	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	162723	46.19	ng	98
59) Diethylphthalate	10.32	149	796989	45.88	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	320915	43.70	ng	92
61) 4-Nitroaniline	10.46	138	152612	33.51	ng	85
62) Azobenzene	10.60	77	778135	46.68	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	68548	29.59	ng	82
65) n-Nitrosodiphenylamine	10.55	169	563856	50.00	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	190677	52.73	ng #	90
67) Hexachlorobenzene	11.00	284	186063	48.43	ng #	87
68) Atrazine	11.09	200	192161	55.97	ng	96
69) Pentachlorophenol	11.19	266	181619	77.86	ng	99
70) Phenanthrene	11.41	178	903387	47.33	ng	98
71) Anthracene	11.45	178	864364	43.19	ng	100
72) Carbazole	11.61	167	781265	45.25	ng	98
73) Di-n-butylphthalate	11.94	149	1080109	49.96	ng	98
74) Fluoranthene	12.58	202	717939	35.92	ng	97
76) Benzidine	12.71	184	193178	22.92	ng	97
77) Pyrene	12.81	202	729709	40.55	ng	100
79) Butylbenzylphthalate	13.43	149	347982	40.57	ng #	74
80) Benzo(a)anthracene	14.00	228	635909	43.70	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	159801	29.97	ng #	97
82) Chrysene	14.04	228	550681	39.34	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	467902	43.90	ng #	98
84) Di-n-octyl phthalate	14.61	149	861437	49.60	ng	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	644296	55.08	ng	99
87) Benzo(b)fluoranthene	15.03	252	689366	41.60	ng	98
88) Benzo(k)fluoranthene	15.05	252	644124m	47.18	ng	
89) Benzo(a)pyrene	15.39	252	658103	46.84	ng #	96
90) Dibenzo(a,h)anthracene	16.86	278	558023	47.62	ng	98
91) Benzo(g,h,i)perylene	17.26	276	497759	43.89	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

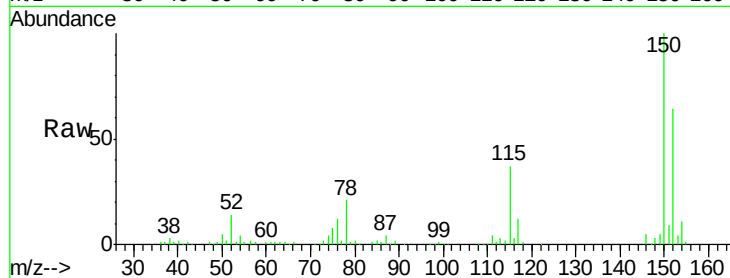
ClientSampleId :

GRID-8A-(0-10)MSD

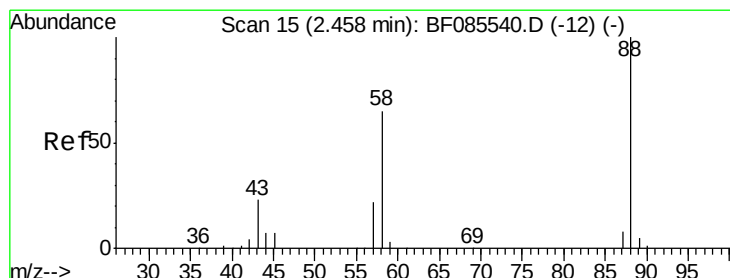
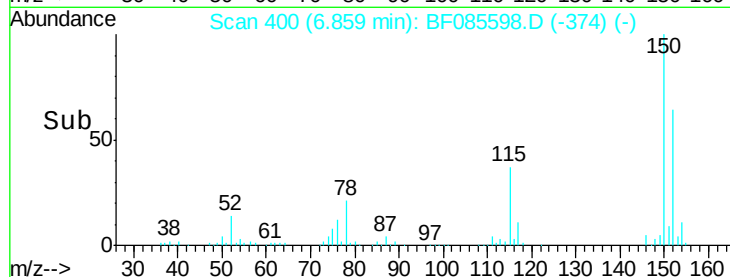
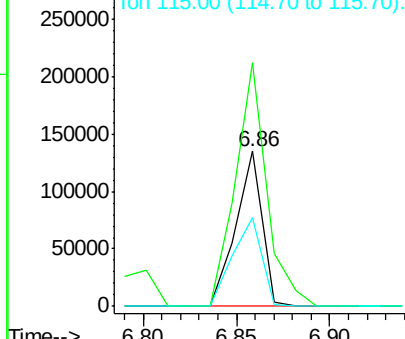
Tgt Ion:	152	Resp:	132782
Ion Ratio	Lower	Upper	
152	100		
150	157.1	124.2	186.2
115	57.6	47.0	70.6

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



#2

1,4-Dioxane

Concen: 32.37 ng

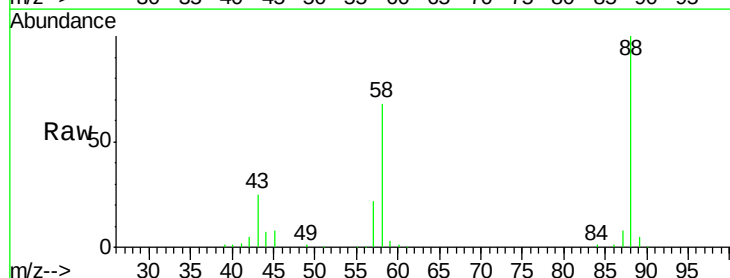
RT: 2.63 min Scan# 30

Delta R.T. 0.17 min

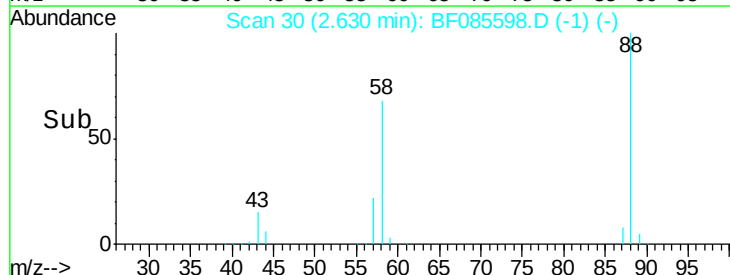
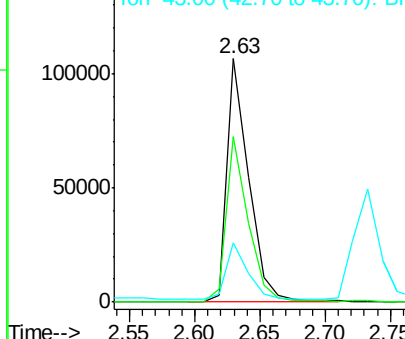
Lab File: BF085598.D

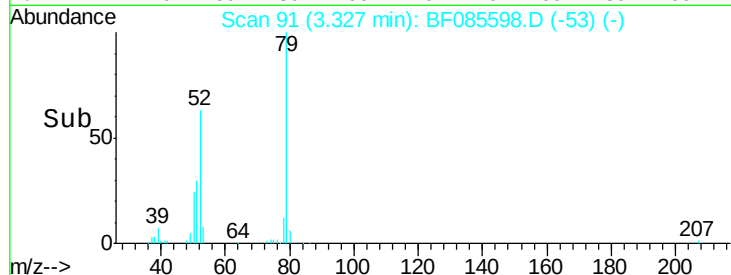
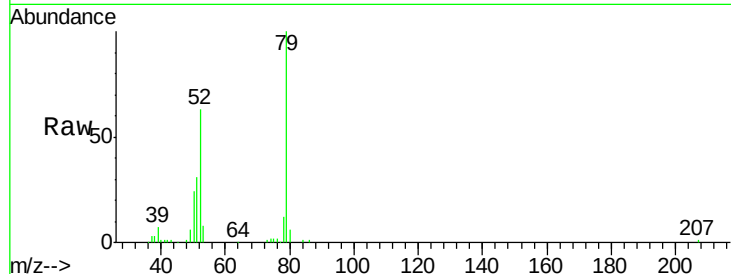
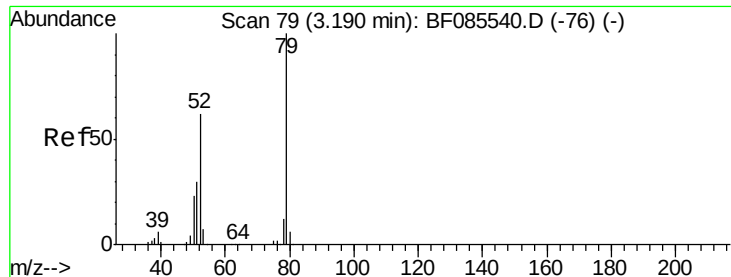
Acq: 20 Mar 2016 5:16

Tgt Ion:	88	Resp:	124380
Ion Ratio	Lower	Upper	
88	100		
58	68.5	54.2	81.2
43	22.9	19.3	28.9



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





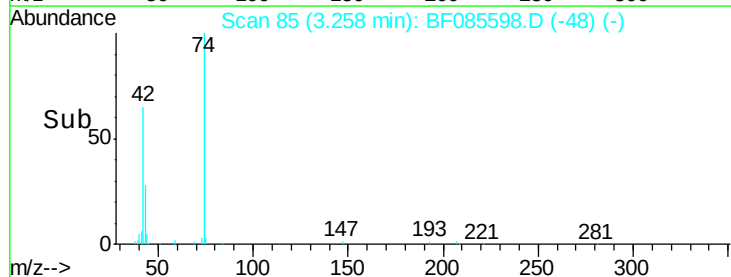
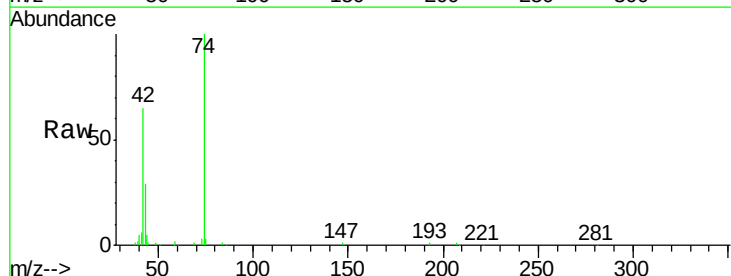
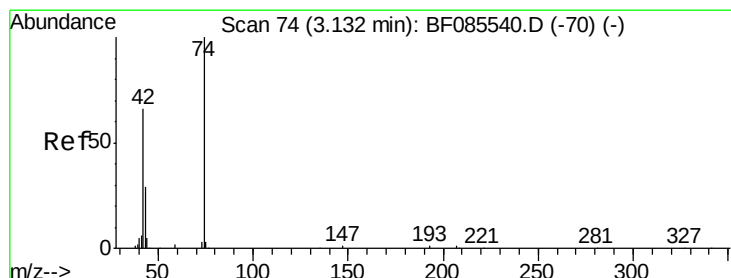
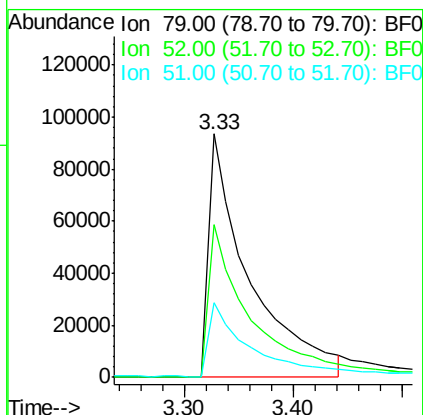
#3
 Pyridine
 Concen: 25.86 ng
 RT: 3.33 min Scan# 91
 Delta R.T. 0.14 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.6	49.8	74.6
51	30.6	24.7	37.1

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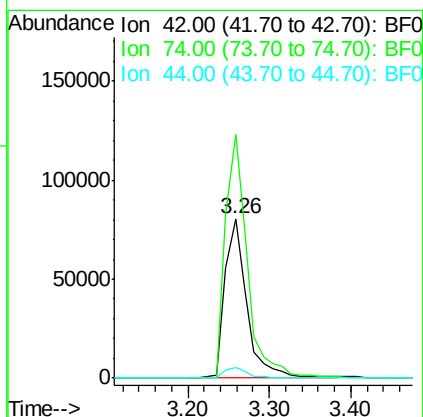
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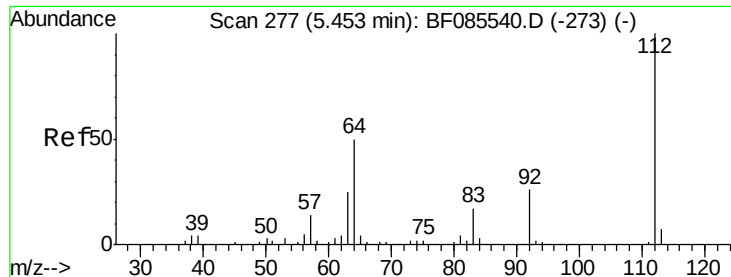
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#4
 n-Nitrosodimethylamine
 Concen: 37.93 ng
 RT: 3.26 min Scan# 85
 Delta R.T. 0.13 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.0	121.4	182.2
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 125.73 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.02 min

Lab File: BF085598.D

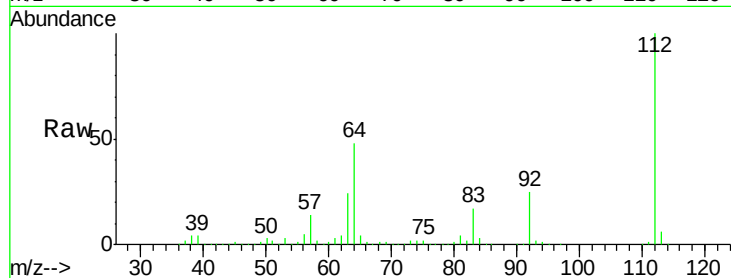
Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

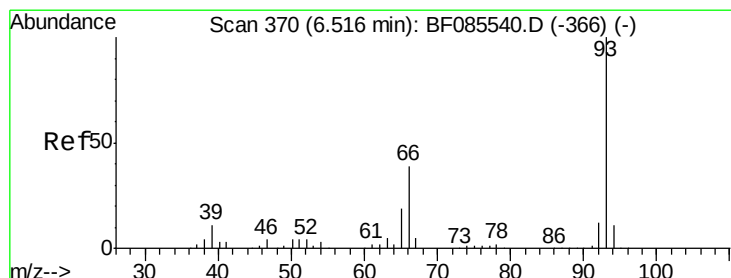
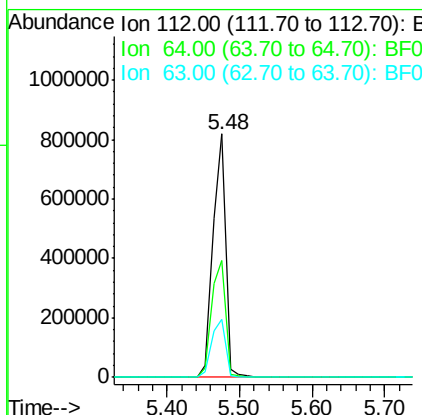
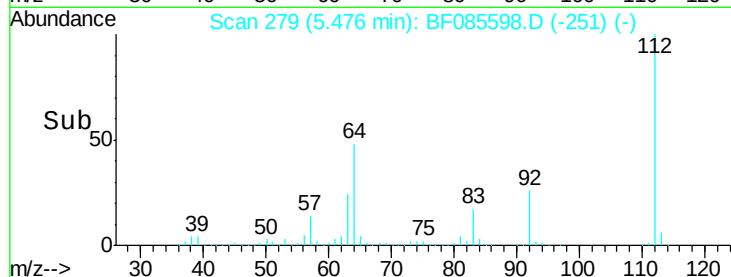
GRID-8A-(0-10)MSD



Tgt Ion:	112	Resp:	993902
Ion Ratio	Lower	Upper	
112	100		
64	47.8	39.9	59.9
63	24.1	20.2	30.2

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#6

Aniline

Concen: 15.86 ng

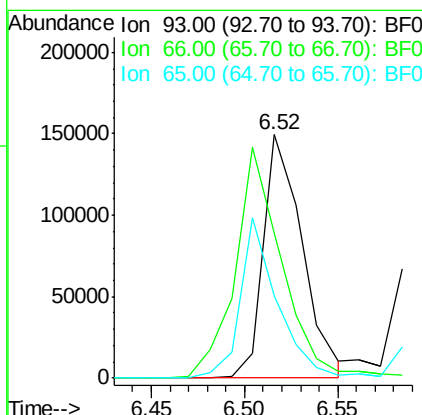
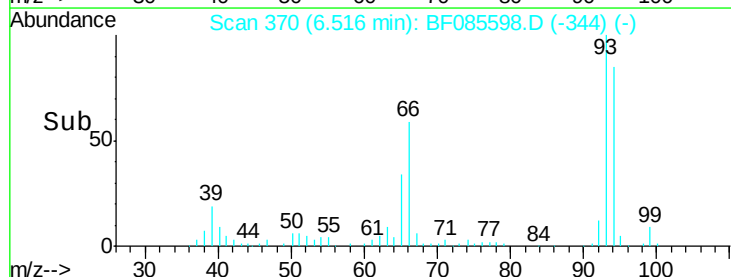
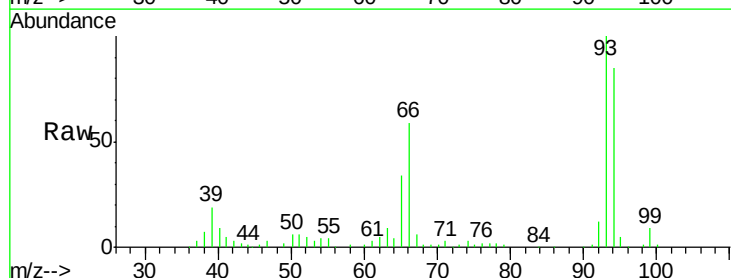
RT: 6.52 min Scan# 370

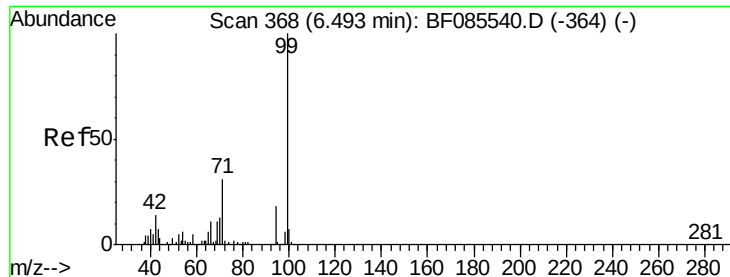
Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Tgt Ion:	93	Resp:	215995
Ion Ratio	Lower	Upper	
93	100		
66	59.4	31.4	47.2#
65	33.8	15.7	23.5#





#7

Phenol-d6

Concen: 110.11 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MSD

Tgt Ion: 99 Resp: 1116360

Ion Ratio Lower Upper

99 100

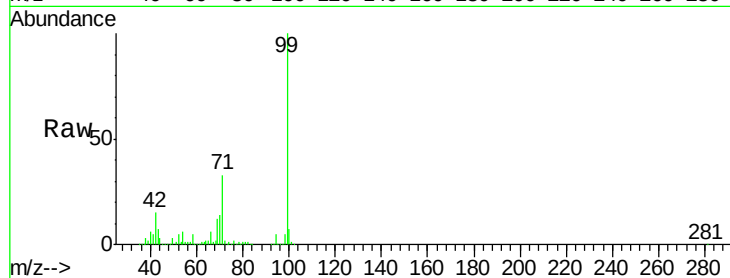
42 15.0 11.1 16.7

71 32.9 24.9 37.3

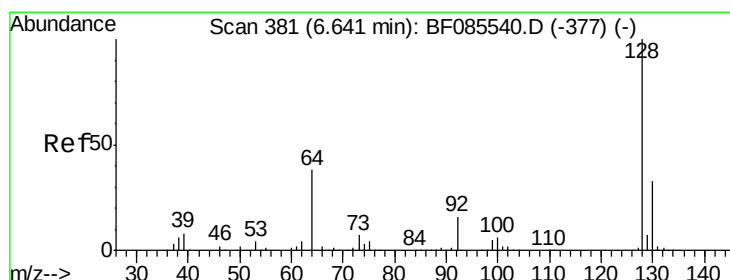
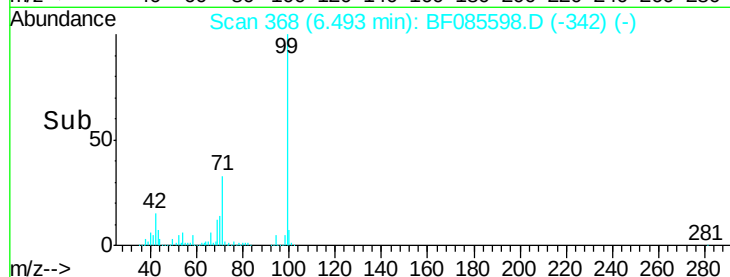
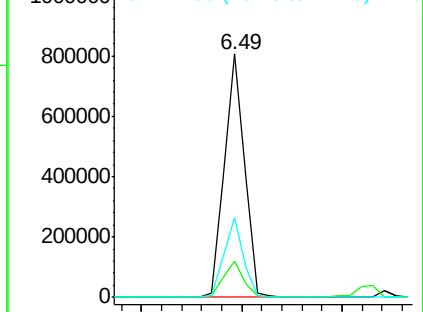
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.47 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

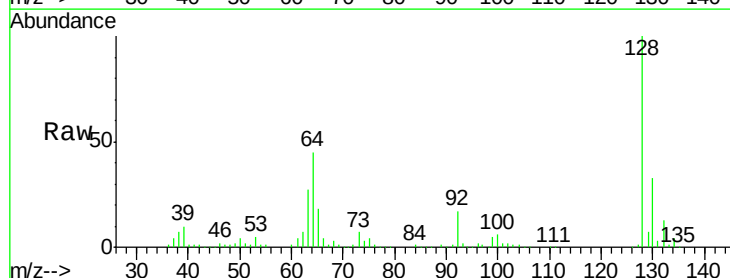
Tgt Ion: 128 Resp: 379232

Ion Ratio Lower Upper

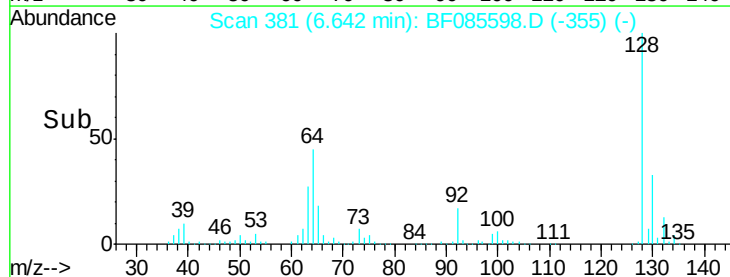
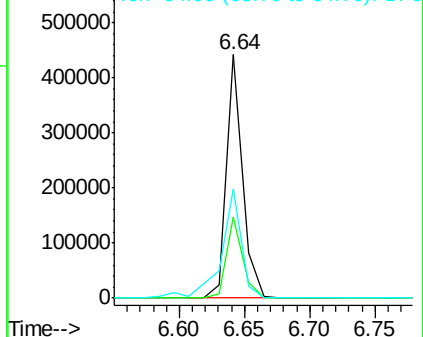
128 100

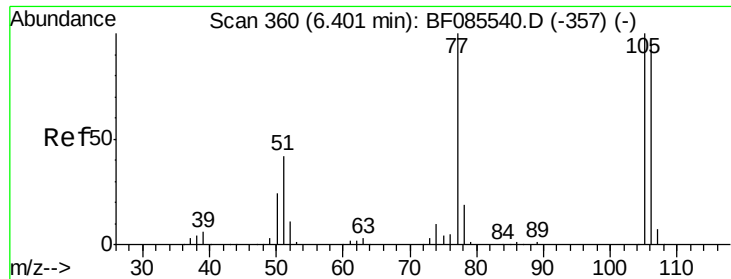
130 33.1 12.9 52.9

64 44.9 20.2 60.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.50 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

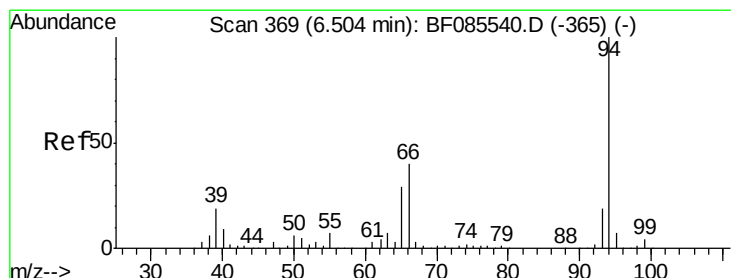
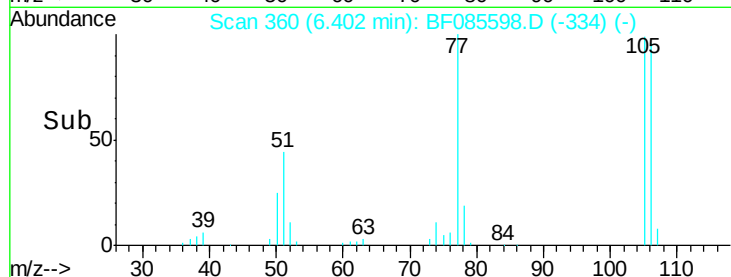
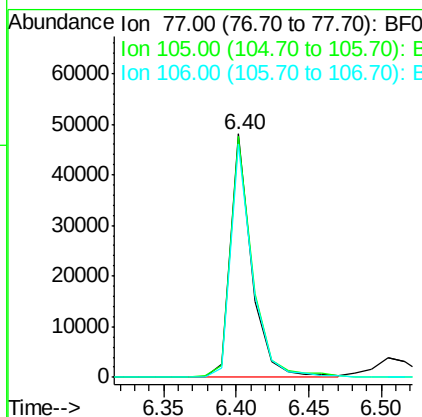
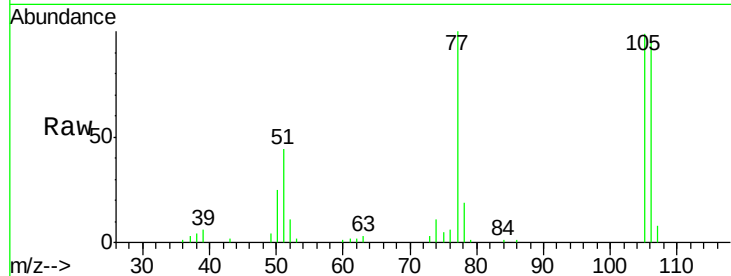
ClientSampleId :

GRID-8A-(0-10)MSD

Tgt Ion:	77	Resp:	49149
Ion	Ratio	Lower	Upper
77	100		
105	99.2	80.1	120.1
106	95.9	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 30.77 ng

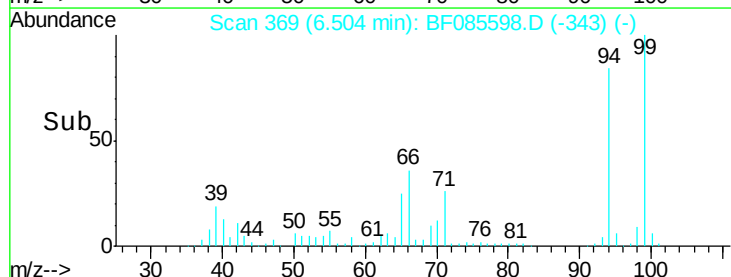
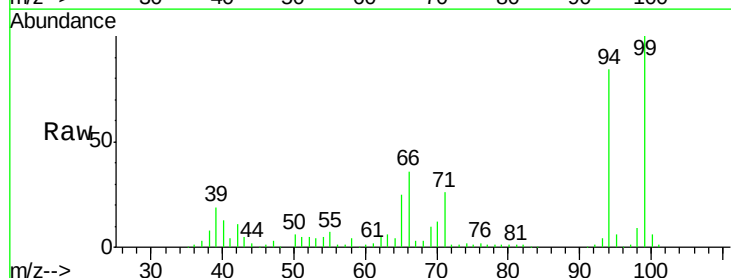
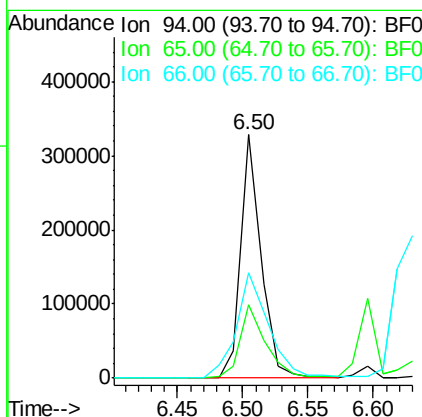
RT: 6.50 min Scan# 369

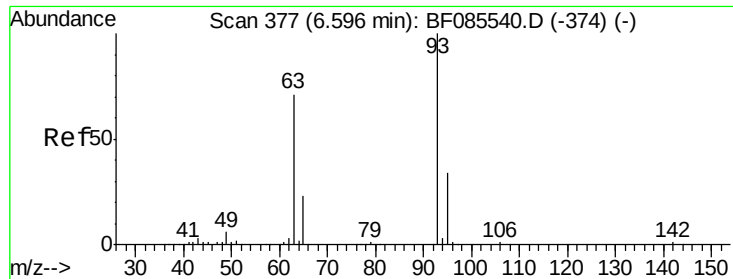
Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Tgt Ion:	94	Resp:	355386
Ion	Ratio	Lower	Upper
94	100		
65	29.9	8.6	48.6
66	43.1	20.0	60.0





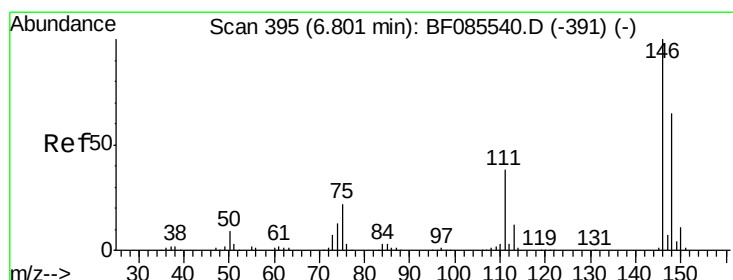
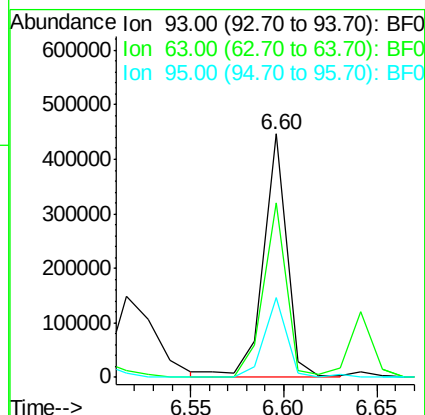
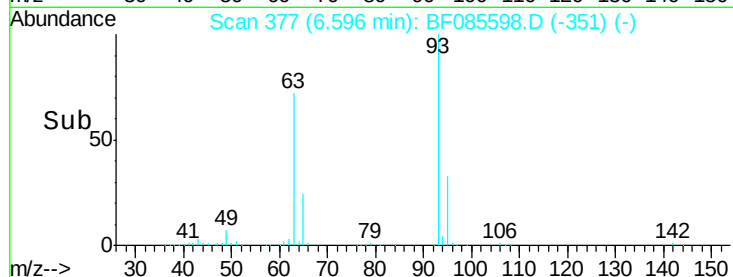
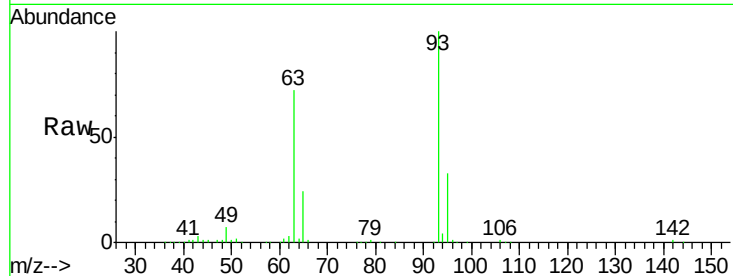
#11
bis(2-Chloroethyl)ether
Concen: 44.57 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	388026		
63	71.5	50.9	90.9	
95	32.9	13.3	53.3	

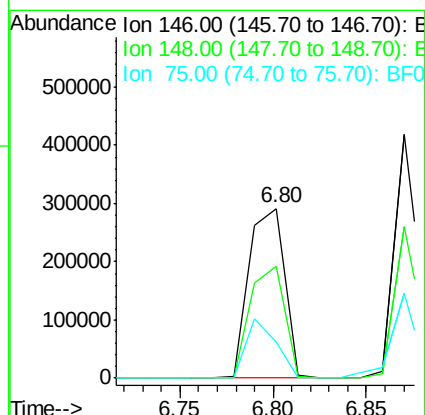
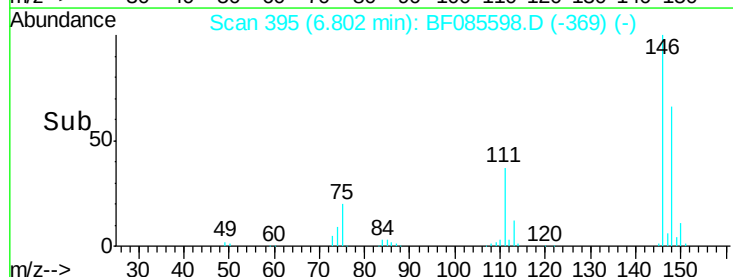
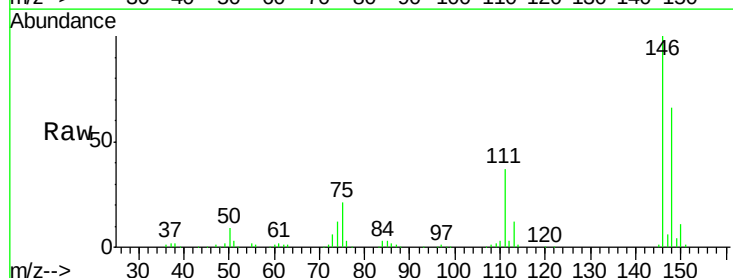
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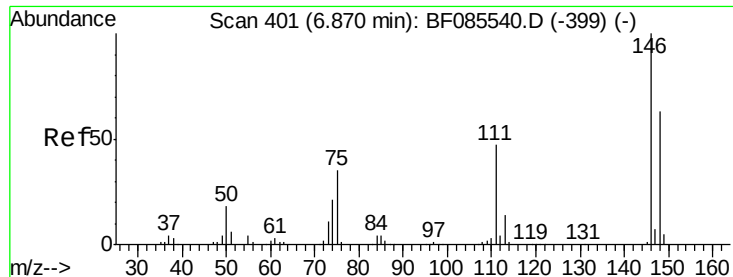
apatel
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#12
1,3-Dichlorobenzene
Concen: 38.76 ng
RT: 6.80 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	386271		
148	65.7	52.3	78.5	
75	21.0	17.4	26.2	





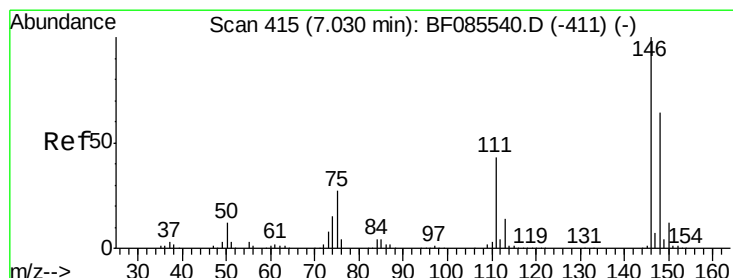
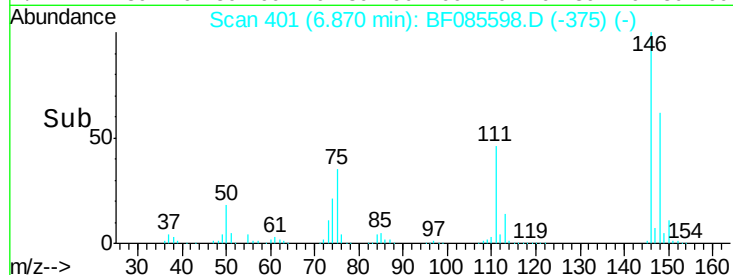
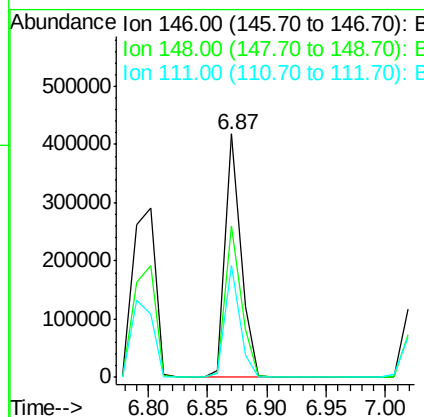
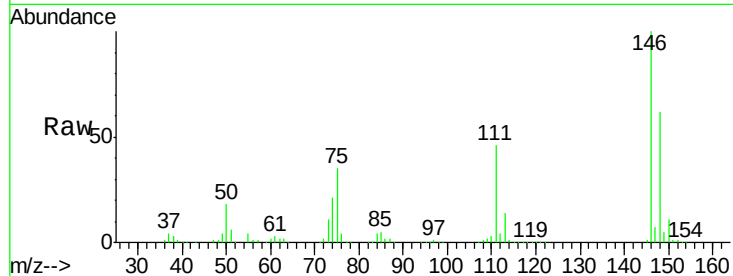
#13
 1,4-Dichlorobenzene
 Concen: 37.61 ng
 RT: 6.87 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.6	76.0
111	46.1	37.8	56.6

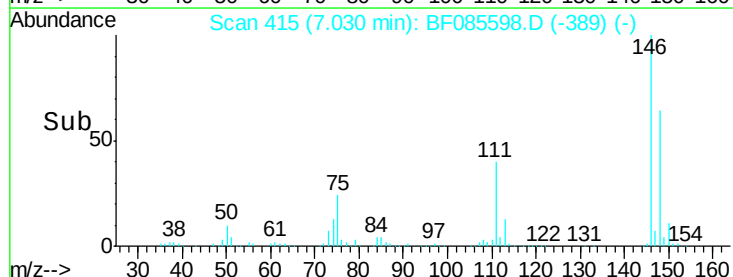
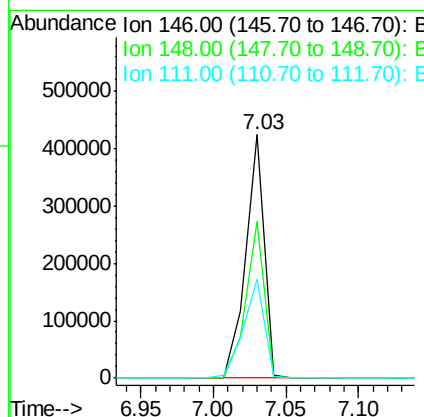
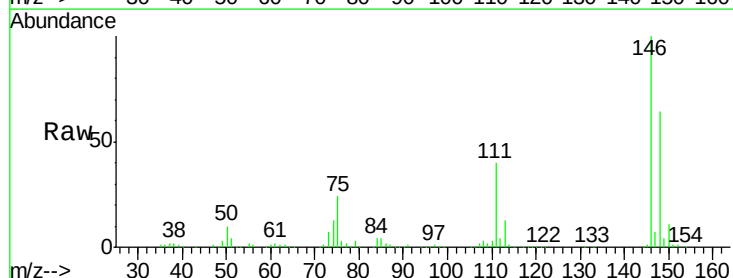
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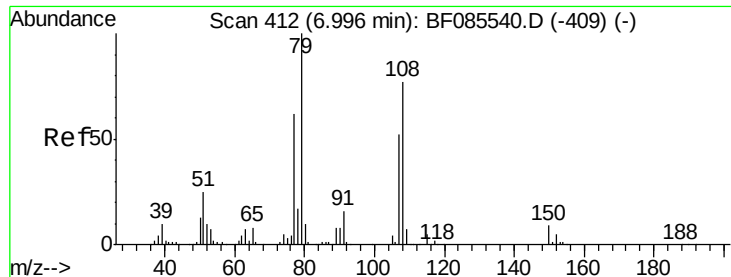
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#14
 1,2-Dichlorobenzene
 Concen: 41.79 ng
 RT: 7.03 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
111	40.4	34.6	52.0





#15

Benzyl Alcohol

Concen: 43.99 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

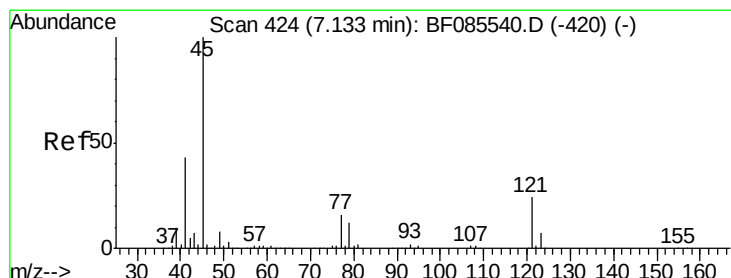
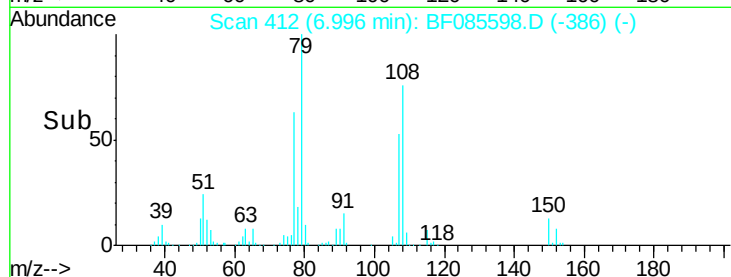
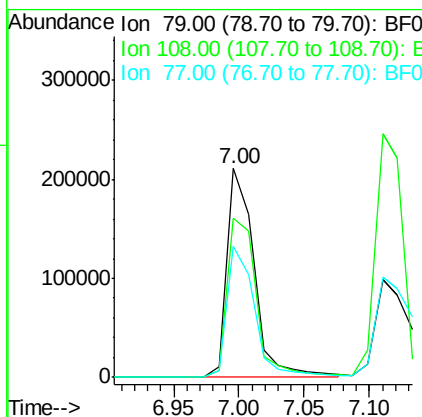
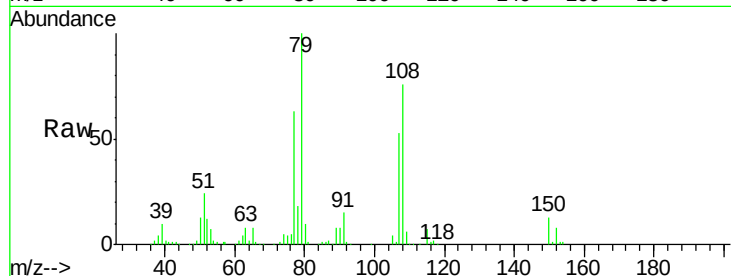
ClientSampleId :

GRID-8A-(0-10)MSD

Tgt Ion:	79	Resp:	305502
Ion Ratio	Lower	Upper	
79	100		
108	76.2	61.8	92.6
77	62.8	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.72 ng

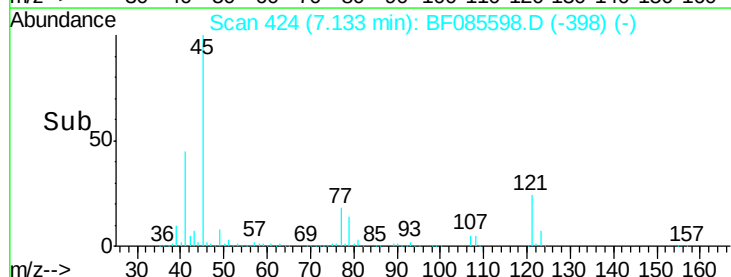
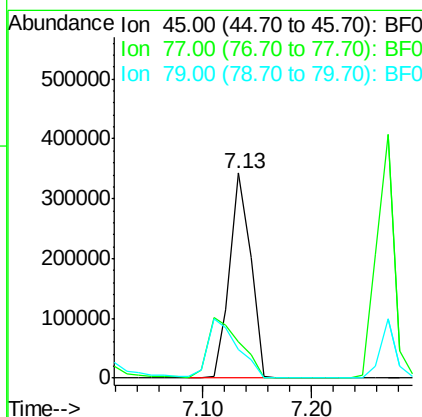
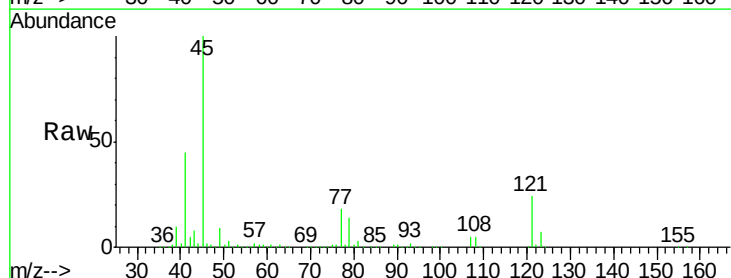
RT: 7.13 min Scan# 424

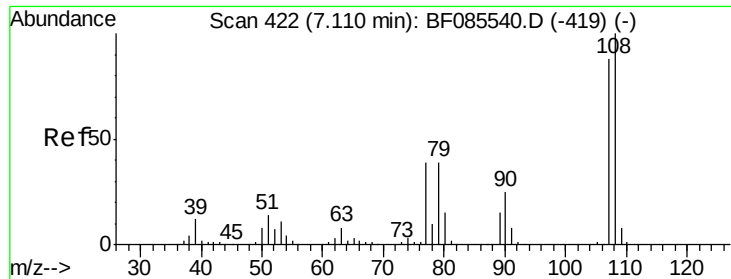
Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Tgt Ion:	45	Resp:	454776
Ion Ratio	Lower	Upper	
45	100		
77	17.8	0.0	35.7
79	13.9	0.0	32.2





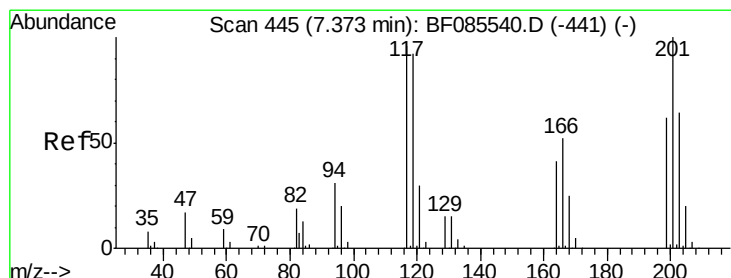
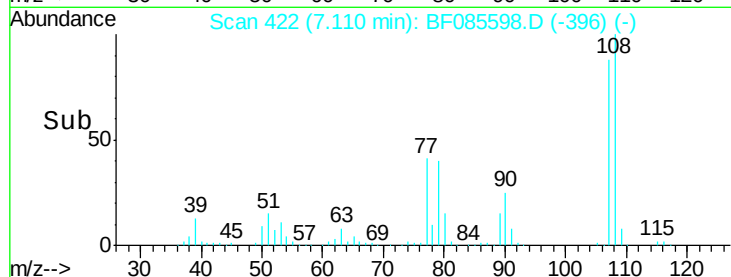
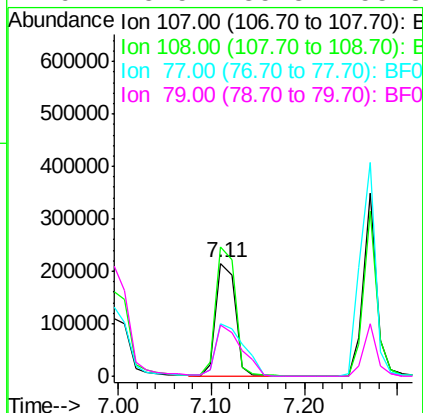
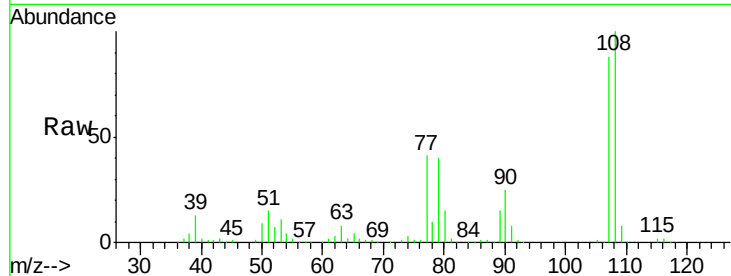
#17
2-Methylphenol
Concen: 41.19 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

Tgt Ion:	107	Resp:	312288
Ion Ratio	Lower	Upper	
107	100		
108	114.0	91.4	137.0
77	46.9	36.2	54.2
79	45.5	35.8	53.8

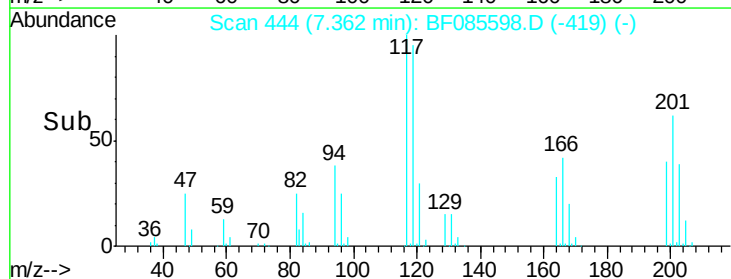
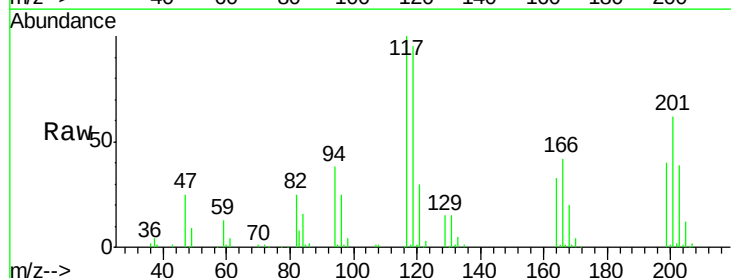
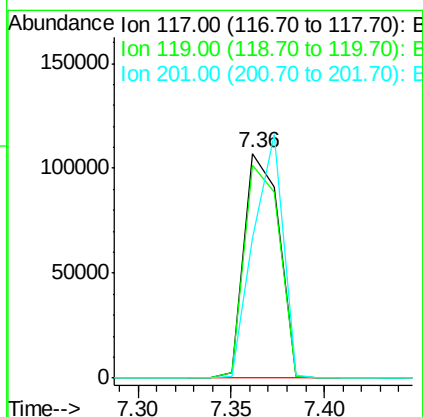
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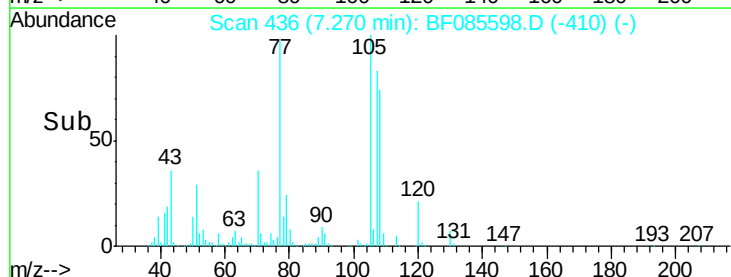
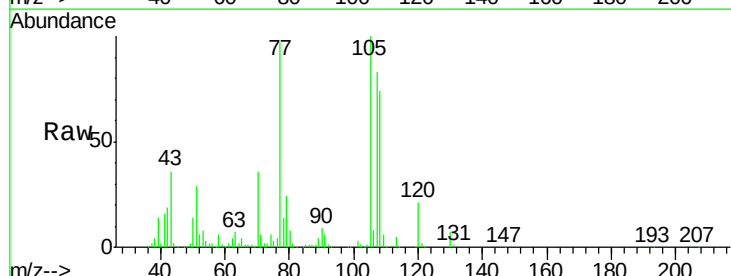
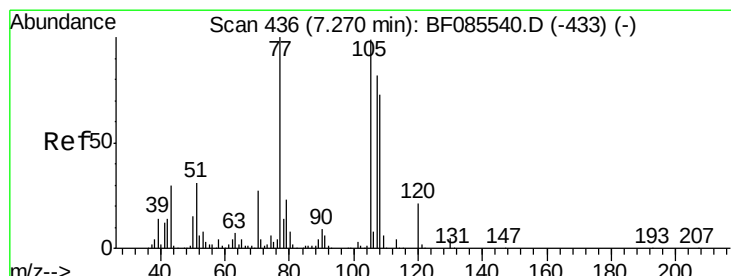
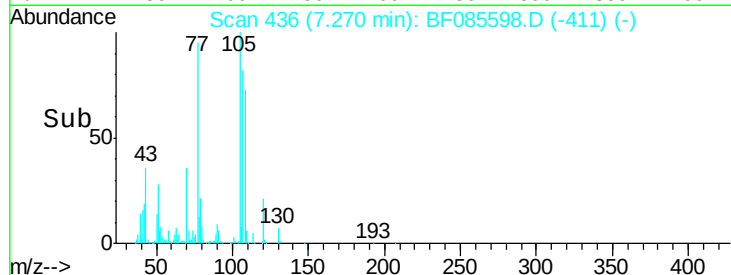
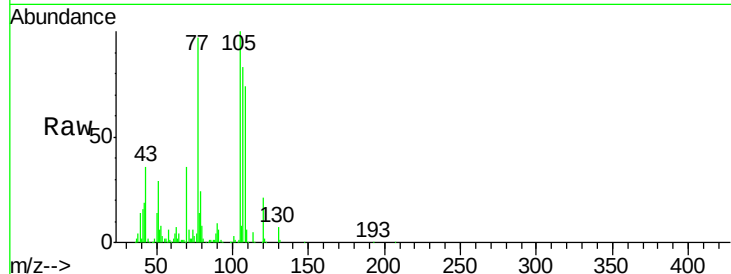
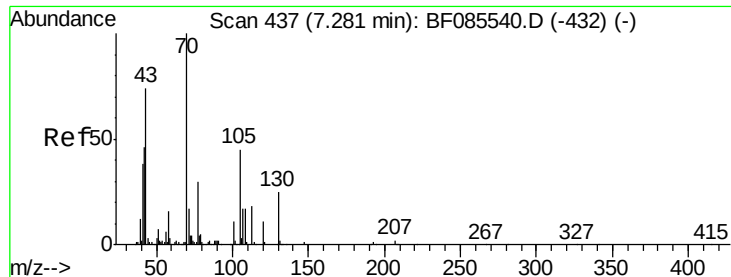
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#18
Hexachloroethane
Concen: 37.53 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Tgt Ion:	117	Resp:	137762
Ion Ratio	Lower	Upper	
117	100		
119	94.9	76.7	115.1
201	62.2	83.3	124.9#





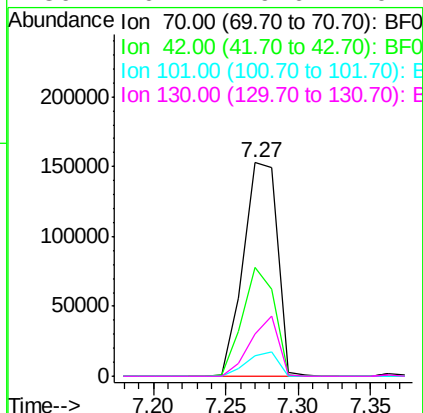
#19
n-Nitroso-di-n-propylamine
Concen: 41.01 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.1	37.1	55.7
101	9.5	8.6	12.8
130	20.1	19.6	29.4

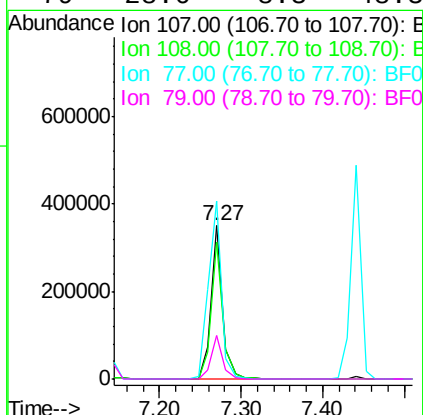
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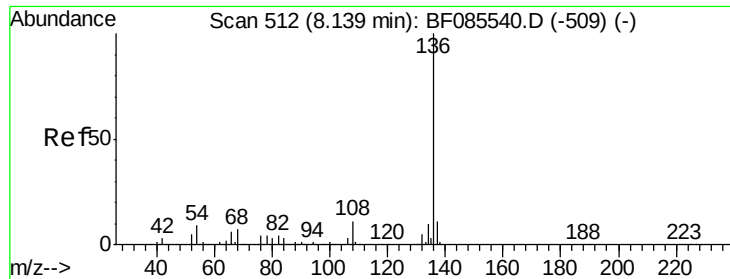
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#20
3+4-Methylphenols
Concen: 40.39 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.3	109.3
77	116.3	101.7	141.7
79	28.6	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085598.D

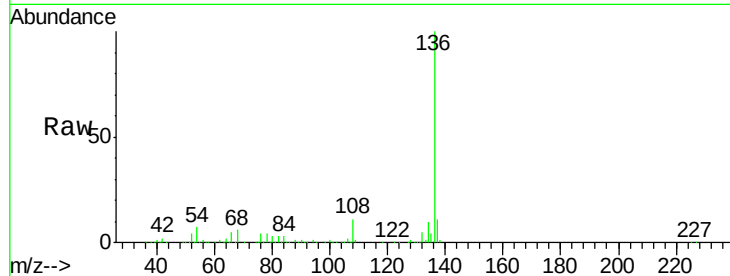
Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

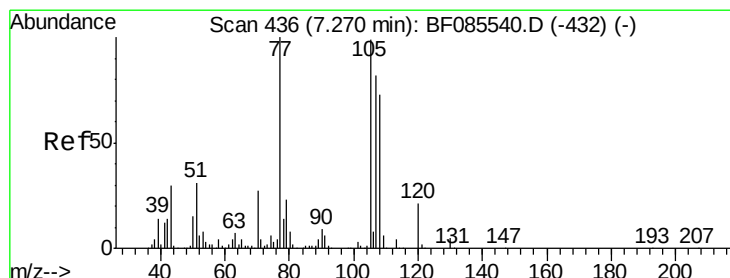
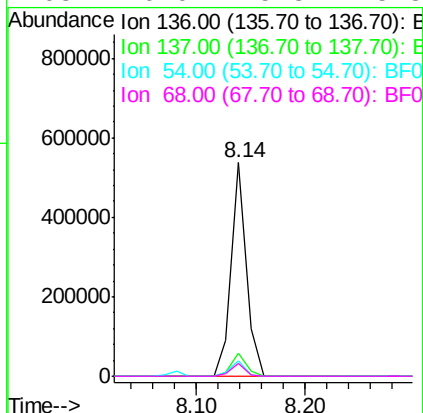
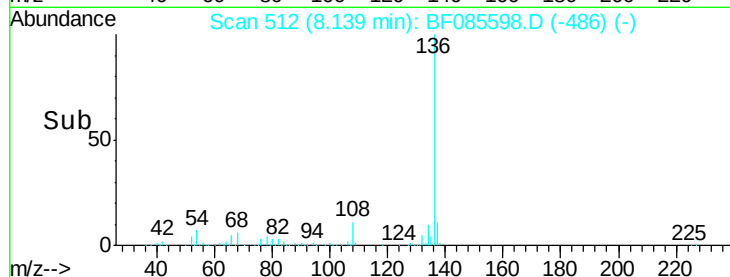
GRID-8A-(0-10)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	513795		
137	10.9	9.1	13.7	
54	7.5	7.4	11.0	
68	6.0	5.8	8.8	

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#22

Acetophenone

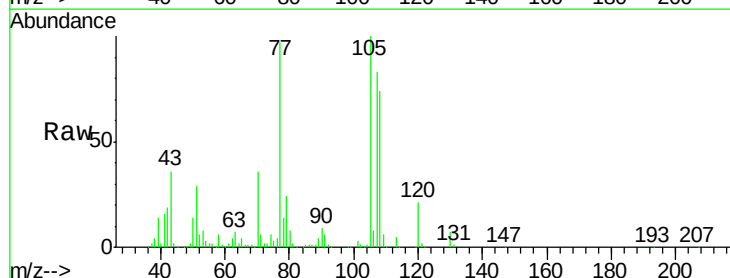
Concen: 39.45 ng

RT: 7.27 min Scan# 436

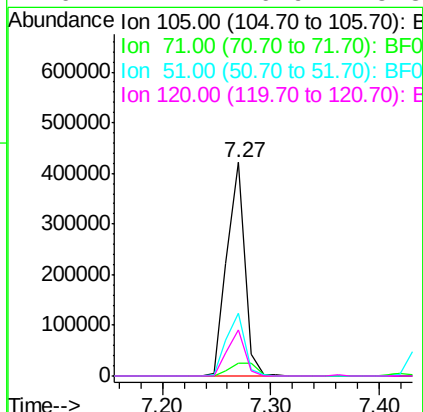
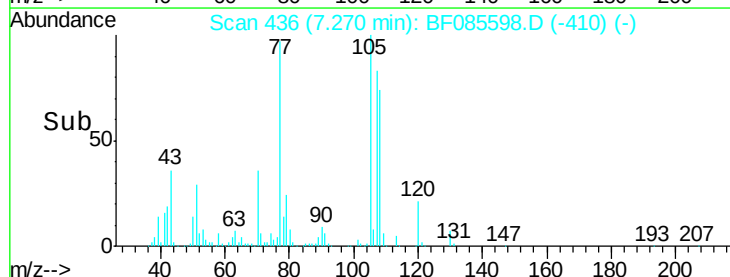
Delta R.T. 0.00 min

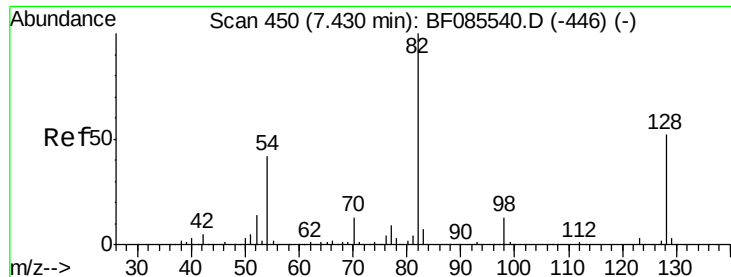
Lab File: BF085598.D

Acq: 20 Mar 2016 5:16



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	480945		
71	6.2	3.6	5.4#	
51	29.1	25.4	38.0	
120	21.4	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 89.74 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

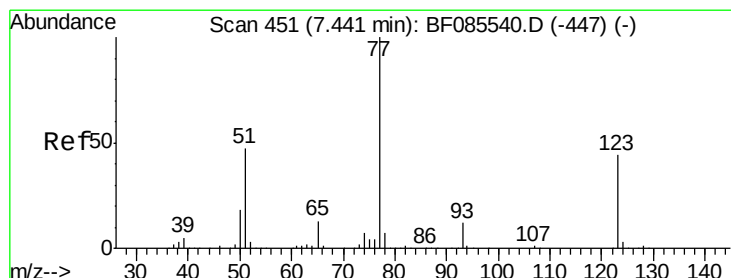
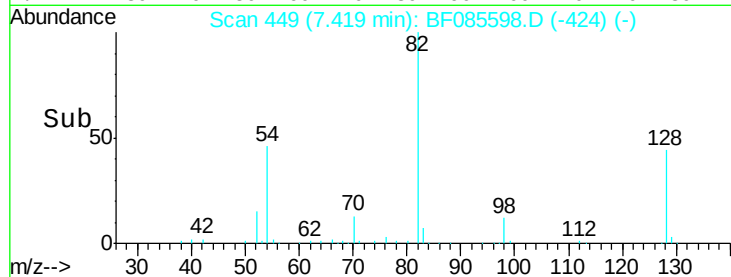
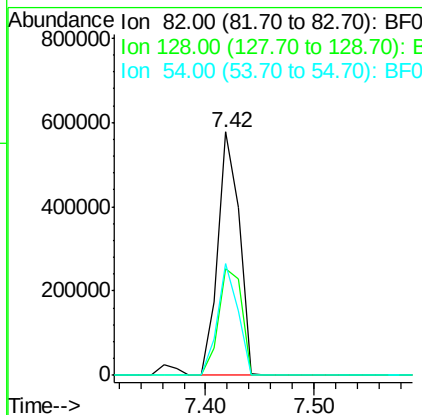
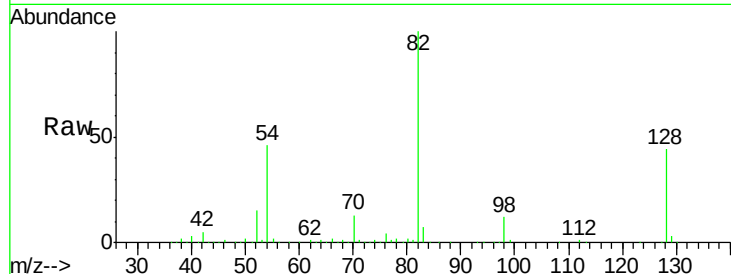
ClientSampleId :

GRID-8A-(0-10)MSD

Tgt Ion:	82	Resp:	794336
Ion Ratio	Lower	Upper	
82	100		
128	43.9	41.8	62.8
54	45.9	33.4	50.0

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#24

Nitrobenzene

Concen: 42.85 ng

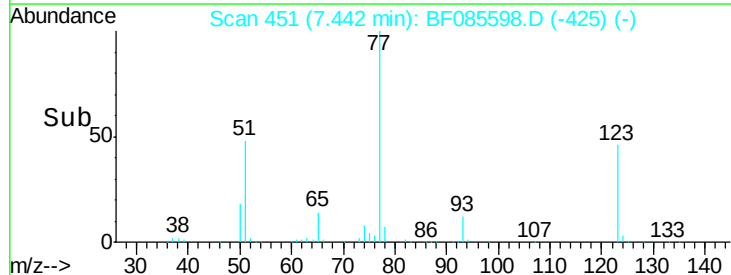
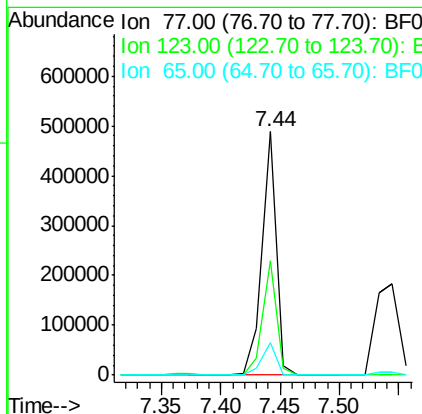
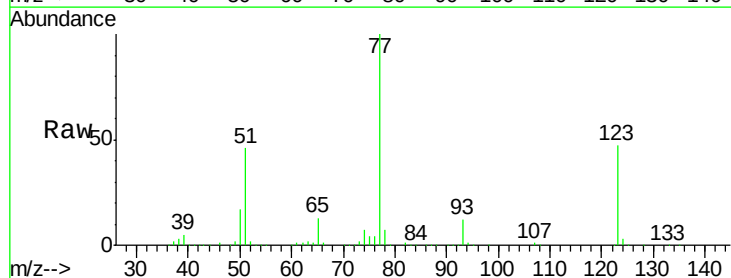
RT: 7.44 min Scan# 451

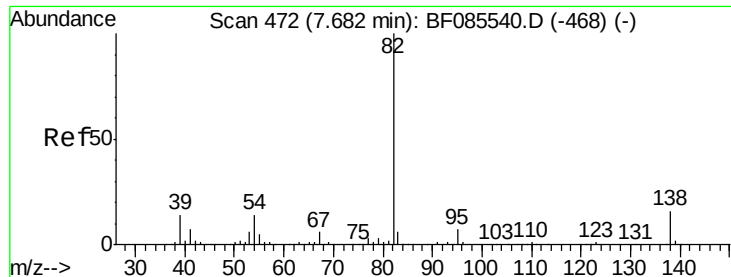
Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Tgt Ion:	77	Resp:	415130
Ion Ratio	Lower	Upper	
77	100		
123	47.0	35.0	52.4
65	13.2	10.6	16.0





#25

Isophorone

Concen: 41.91 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085598.D

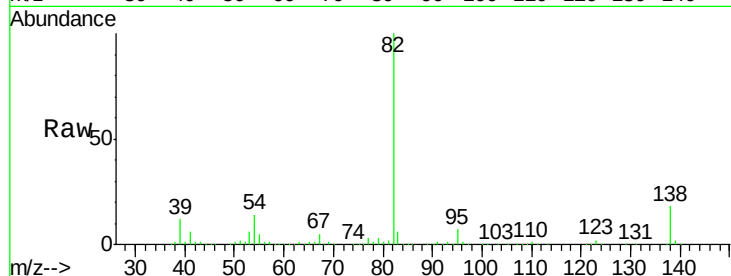
Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

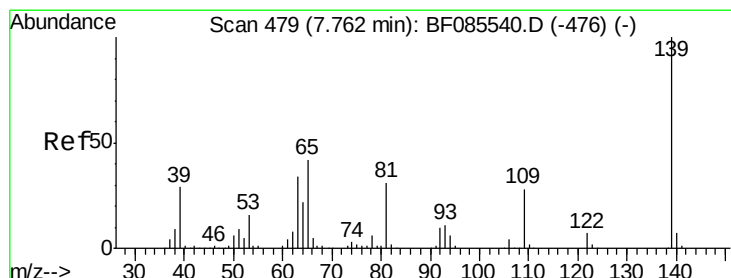
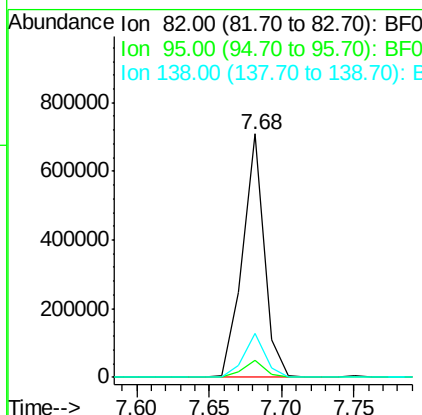
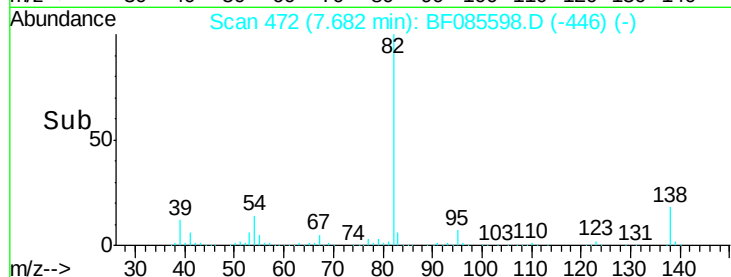
GRID-8A-(0-10)MSD



Tgt Ion	82	95	138
Ratio	100	7.3	18.2
Resp Lower		5.4	12.9
Upper		8.2	19.3

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#26

2-Nitrophenol

Concen: 43.65 ng

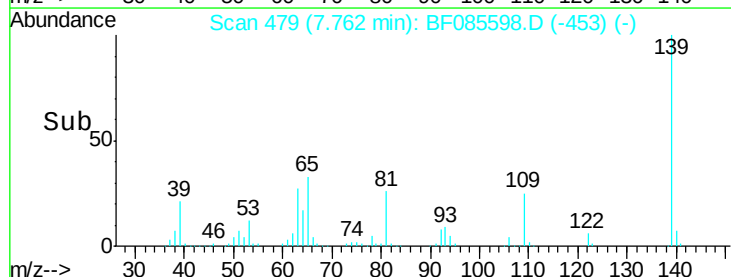
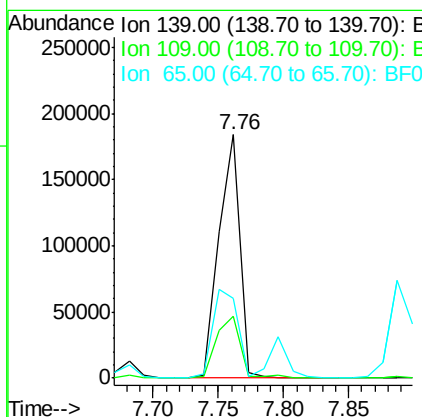
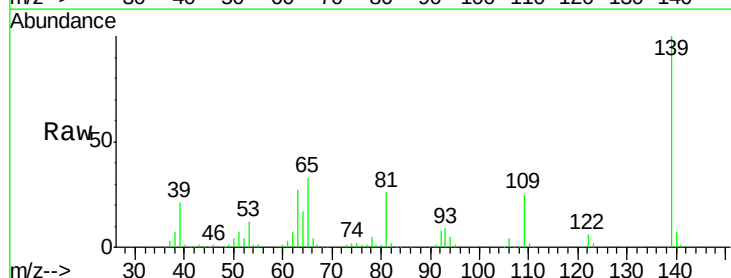
RT: 7.76 min Scan# 479

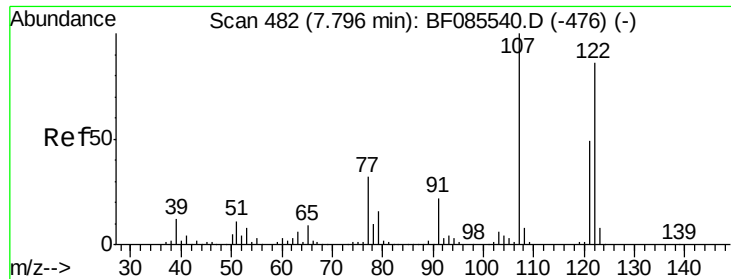
Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Tgt Ion	139	109	65
Ratio	100	25.3	32.7
Resp Lower		22.1	33.9
Upper		33.1	50.9#





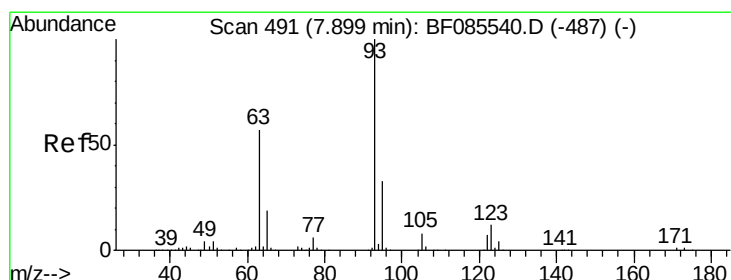
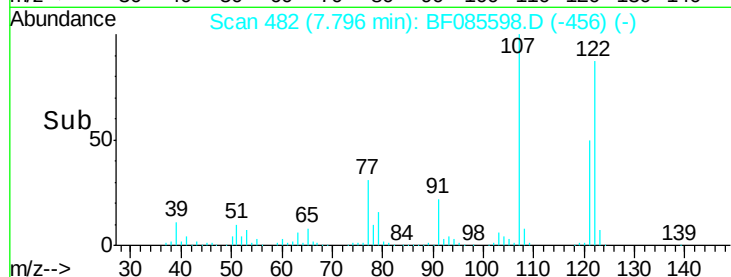
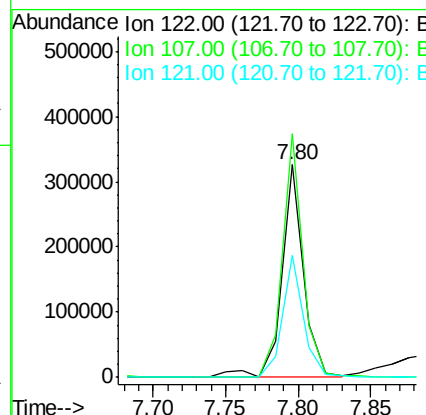
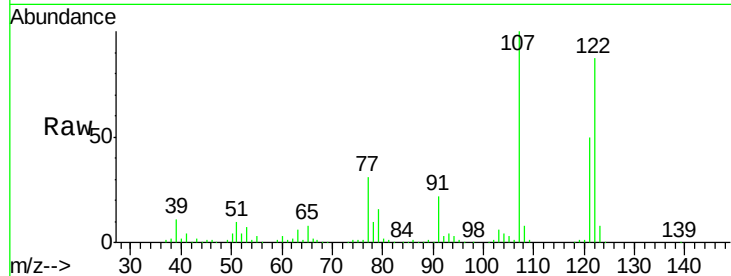
#27
 2,4-Dimethylphenol
 Concen: 39.68 ng
 RT: 7.80 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	335991		
107	114.6	93.0	139.6	
121	57.4	45.9	68.9	

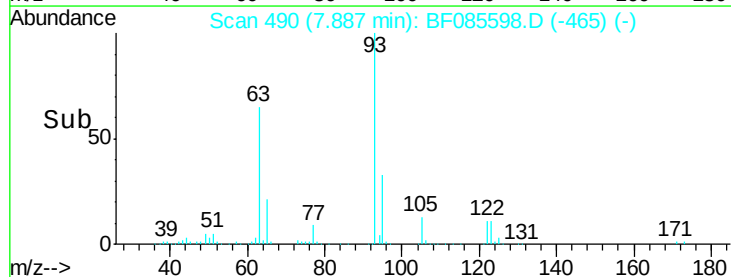
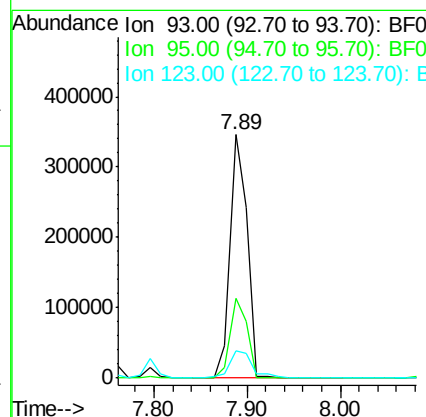
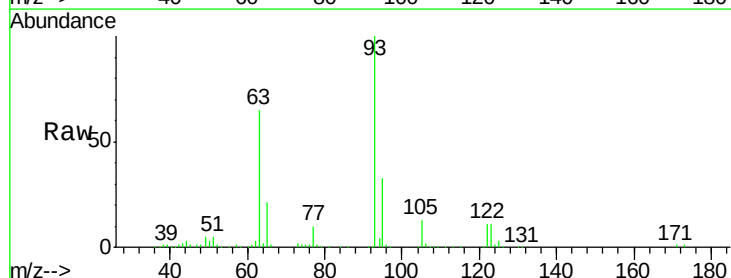
Manual Integrations
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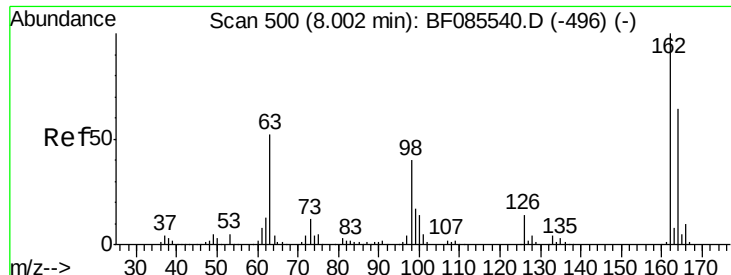
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.74 ng
 RT: 7.89 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	440916		
95	33.0	26.4	39.6	
123	11.0	9.8	14.6	





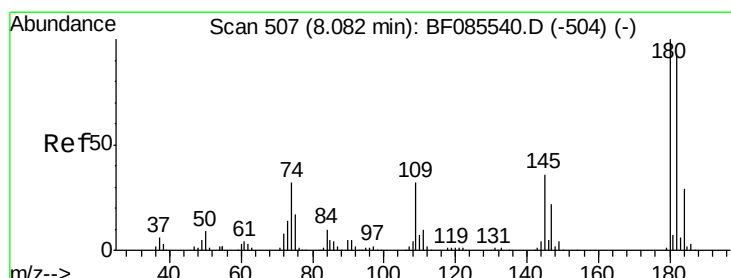
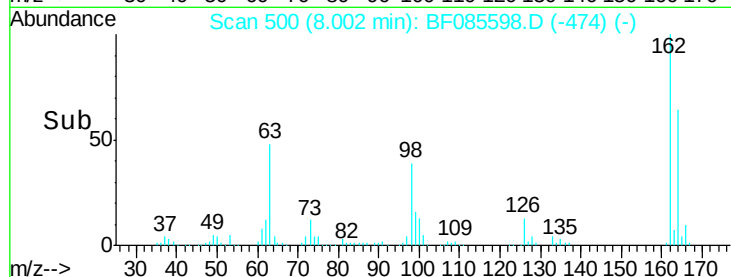
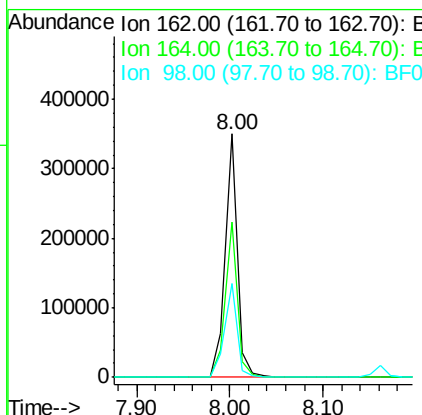
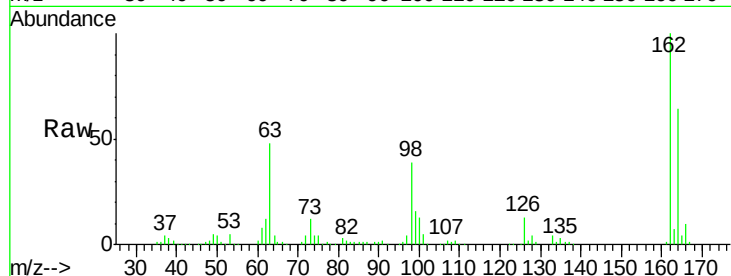
#29
 2,4-Dichlorophenol
 Concen: 45.00 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	314699		
164	64.0	43.7	83.7	
98	38.7	20.4	60.4	

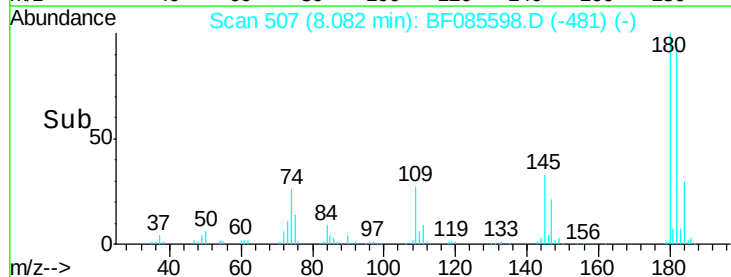
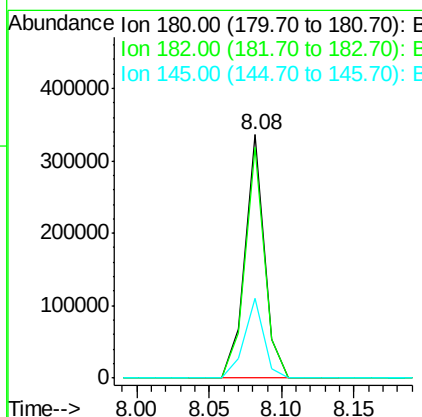
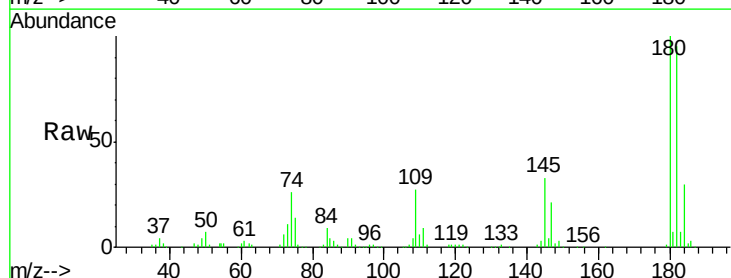
Manual Integrations
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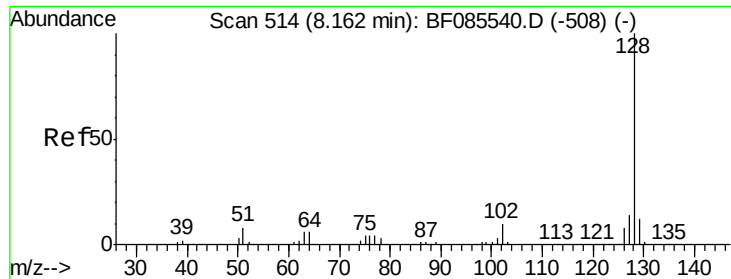
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.17 ng
 RT: 8.08 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	314666		
182	94.9	73.8	110.8	
145	32.9	28.4	42.6	





#31

Naphthalene

Concen: 43.70 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF085598.D

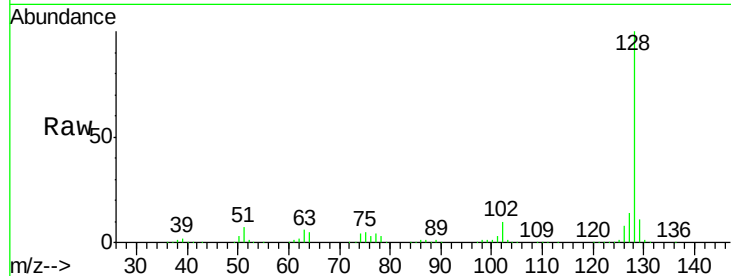
Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MSD



Tgt Ion:128 Resp: 1133253

Ion Ratio Lower Upper

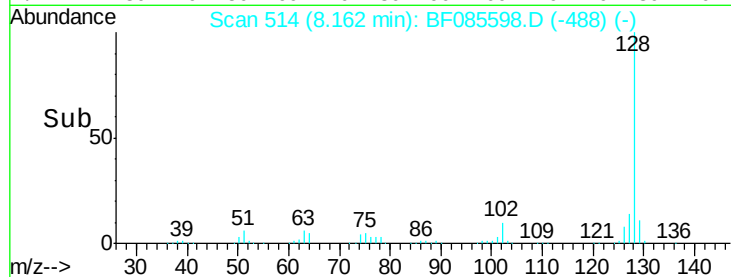
128 100

129 11.5 9.4 14.0

127 13.7 11.0 16.6

Manual Integrations
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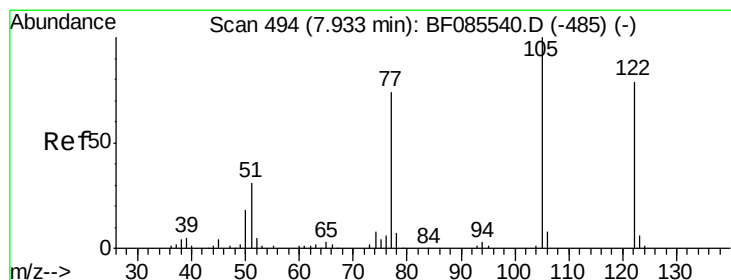
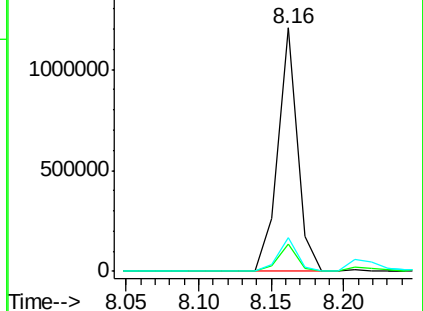
apatel
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.54 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

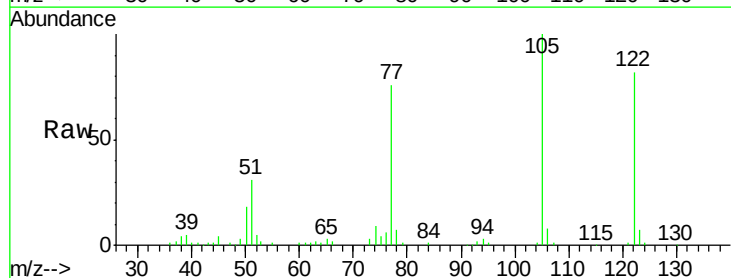
Tgt Ion:122 Resp: 223325

Ion Ratio Lower Upper

122 100

105 121.3 102.9 142.9

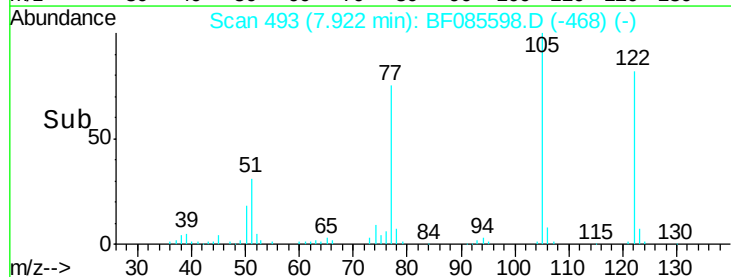
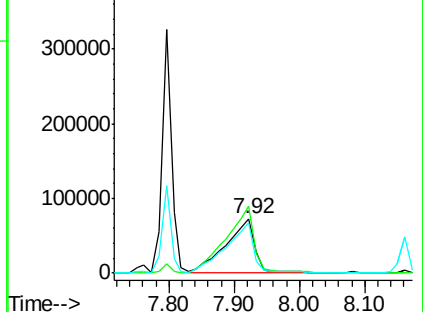
77 92.4 71.8 111.8

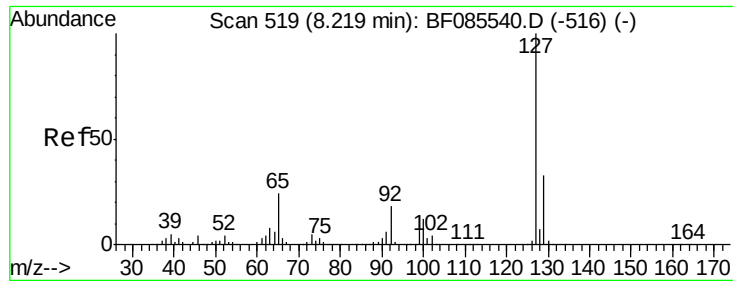


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





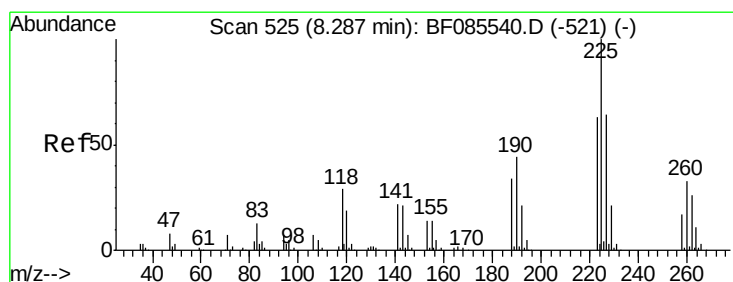
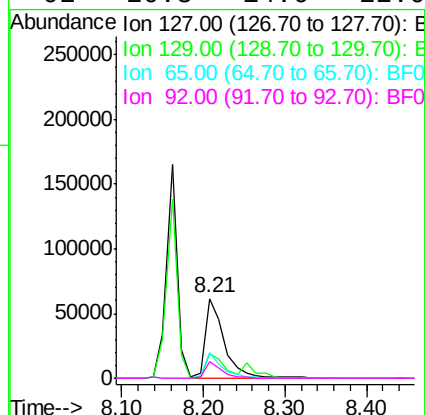
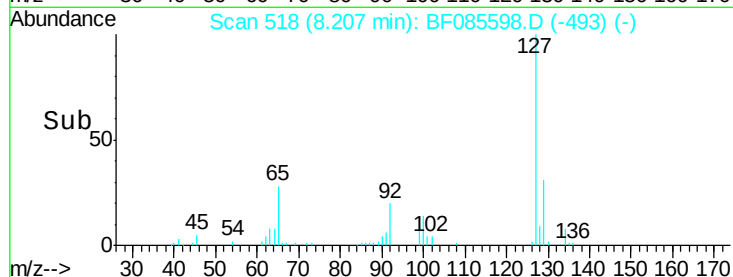
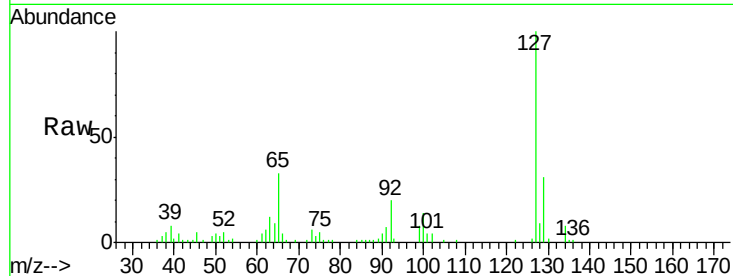
#33
4-Chloroaniline
Concen: 9.58 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	30.8	26.1	39.1
65	32.5	19.5	29.3
92	20.3	14.6	22.0

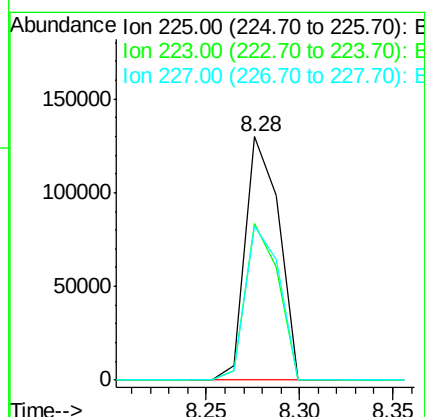
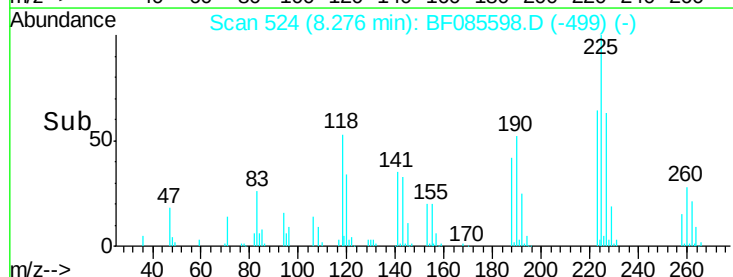
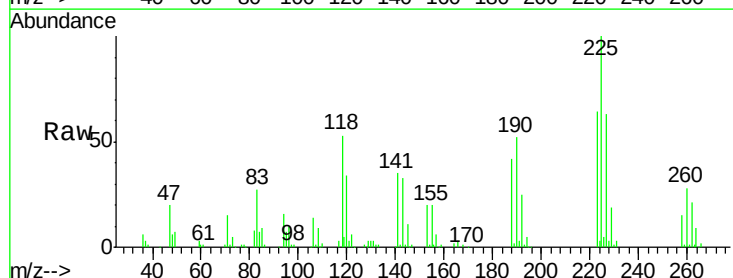
Manual Integrations
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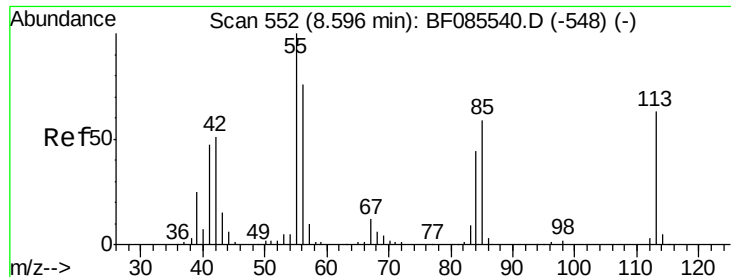
apatel
3/21/2016 5:10:03 PM



#34
Hexachlorobutadiene
Concen: 38.84 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.4	50.4	75.6
227	63.1	51.4	77.2





#35

Caprolactam

Concen: 38.30 ng m

RT: 8.58 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

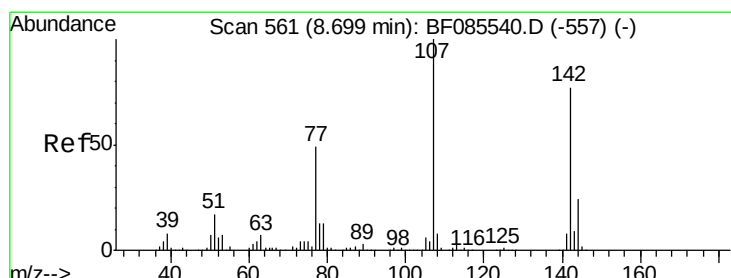
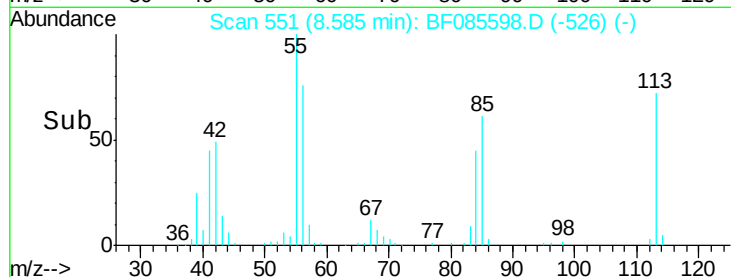
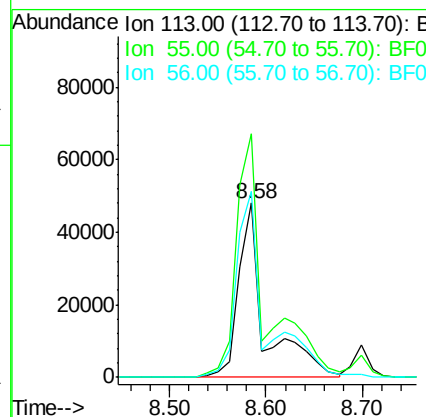
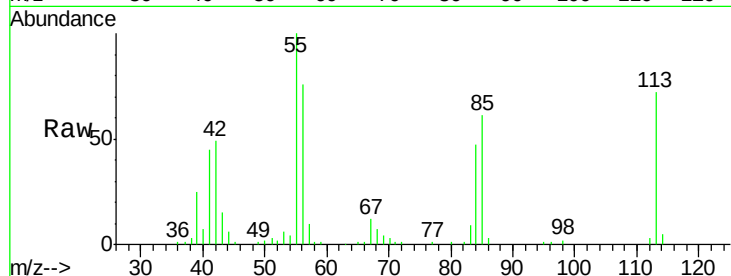
ClientSampleId :

GRID-8A-(0-10)MSD

Tgt Ion:	113	Resp:	92147
Ion Ratio	Lower	Upper	
113	100		
55	139.6	139.4	179.4
56	106.4	100.4	140.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 40.30 ng

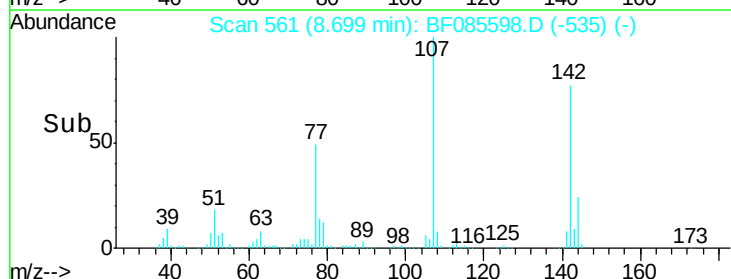
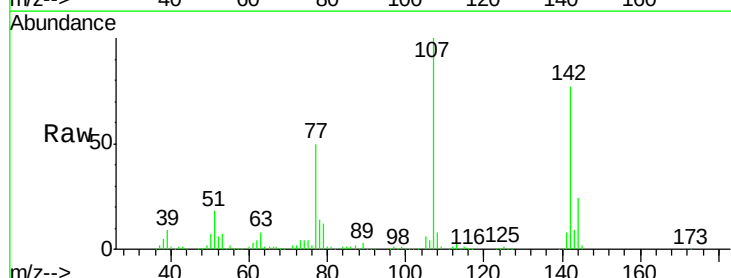
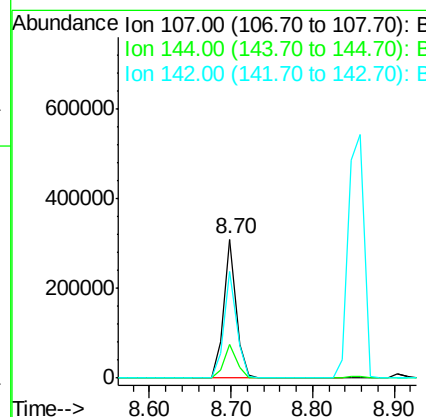
RT: 8.70 min Scan# 561

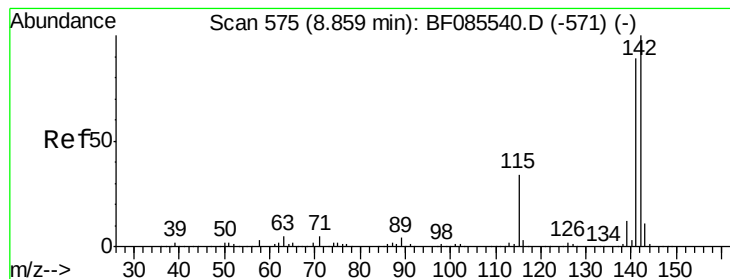
Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Tgt Ion:	107	Resp:	329168
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.3	28.9
142	76.6	61.4	92.0





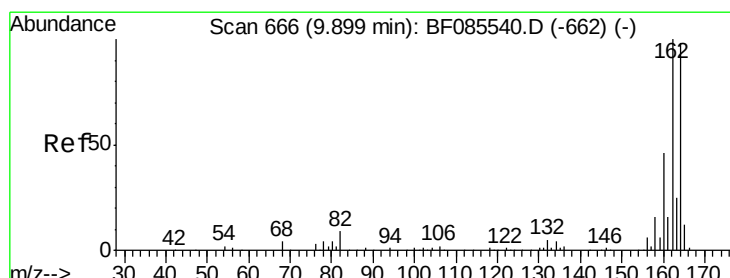
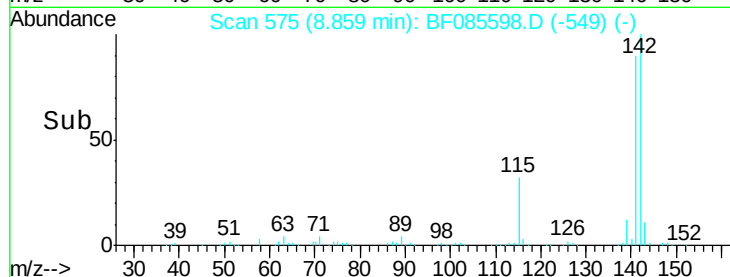
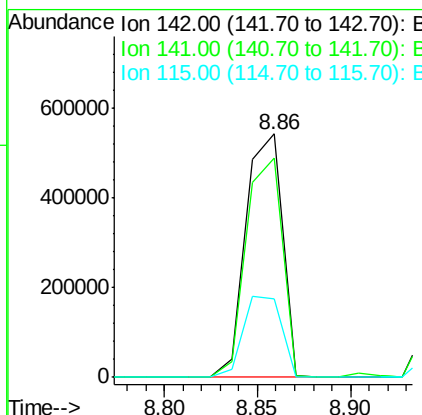
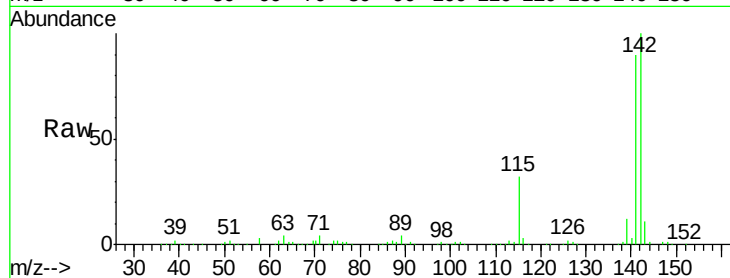
#37
 2-Methylnaphthalene
 Concen: 46.66 ng
 RT: 8.86 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.6	107.4
115	32.0	26.8	40.2

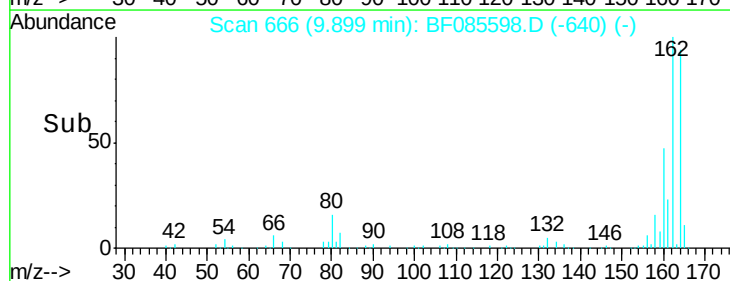
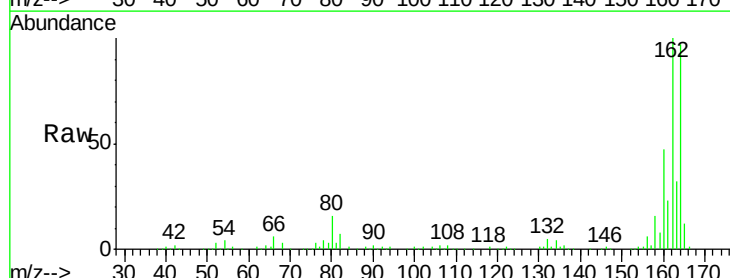
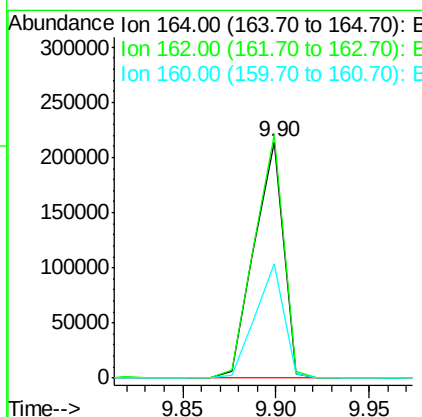
Manual Integrations
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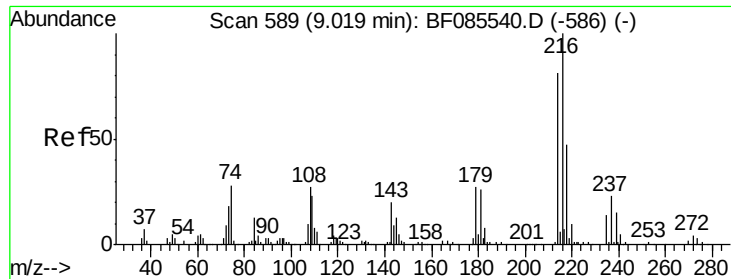
apatel
 3/21/2016 5:10:03 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.1	123.1
160	48.2	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.27 ng

RT: 9.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

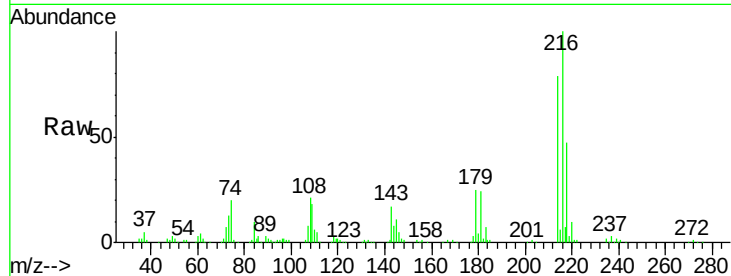
ClientSampleId :

GRID-8A-(0-10)MSD

Tgt Ion:	216	Resp:	275820
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.1	94.7
179	24.2	18.2	27.2
108	22.6	17.3	25.9

Manual Integrations
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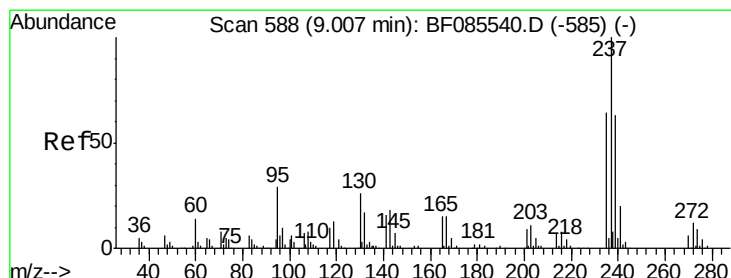
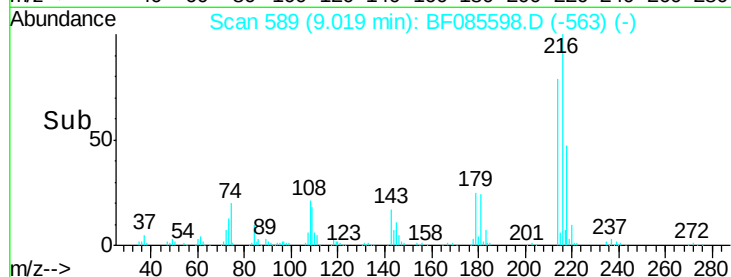
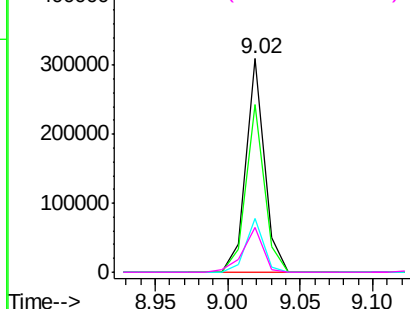


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 45.82 ng

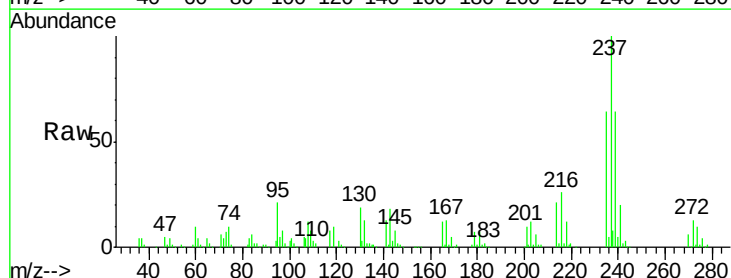
RT: 9.01 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

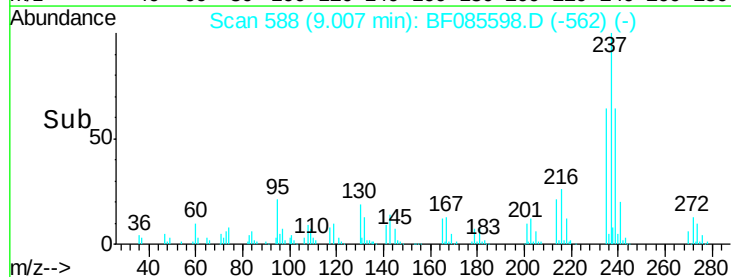
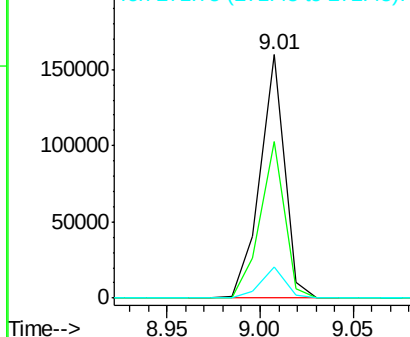
Tgt Ion:	237	Resp:	145058
Ion Ratio	Lower	Upper	
237	100		
235	64.4	43.7	83.7
272	12.8	0.0	31.9

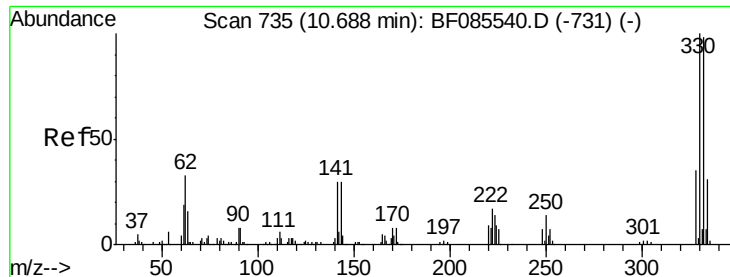


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





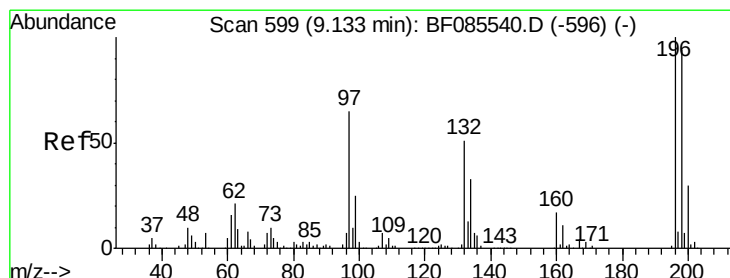
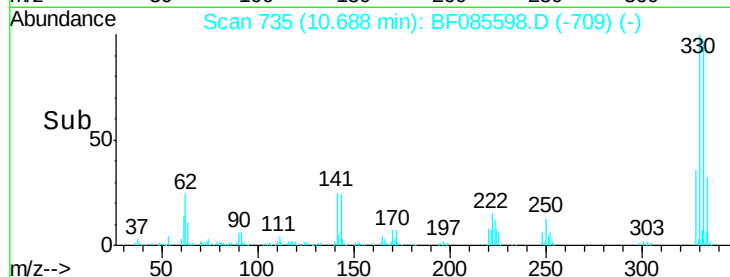
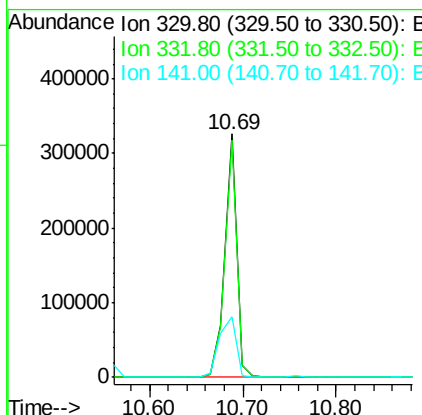
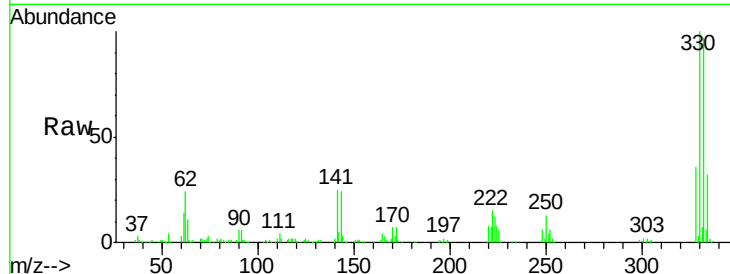
#41
 2,4,6-Tribromophenol
 Concen: 127.37 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	288905		
332	97.2	78.2	117.2	
141	35.5	31.5	47.3	

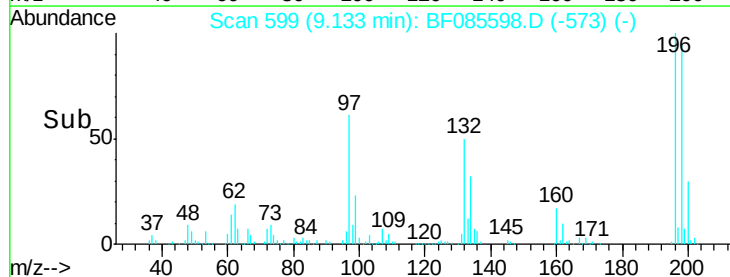
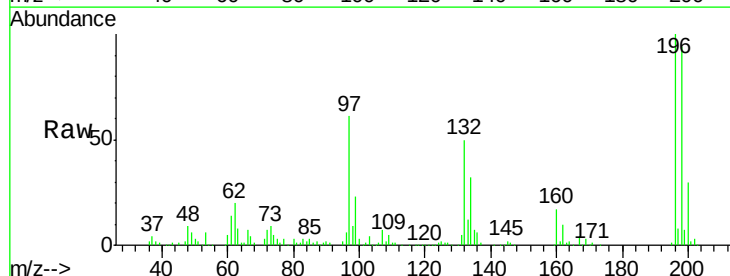
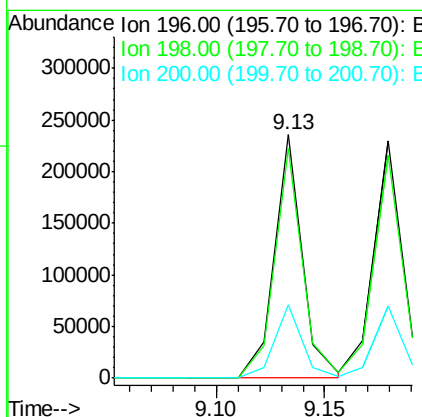
Manual Integrations
 APPROVED

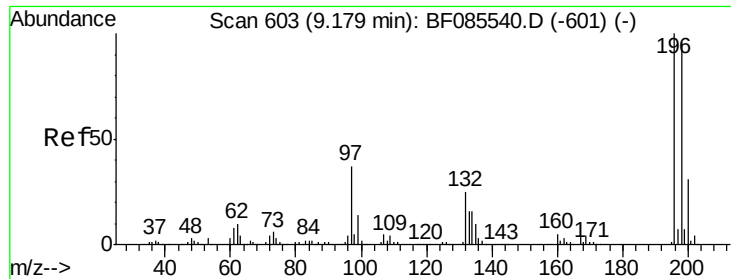
apatel
 3/21/2016 5:10:03 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.10 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	212012		
198	94.2	75.3	112.9	
200	30.1	23.7	35.5	





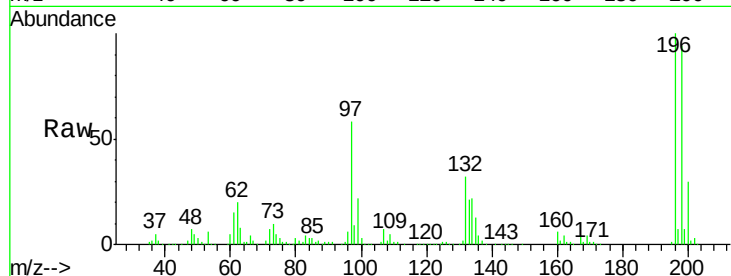
#43
 2,4,5-Trichlorophenol
 Concen: 44.03 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215442		
198	94.2	76.6	114.8	
97	57.9	30.5	45.7	
132	32.3	20.2	30.2	

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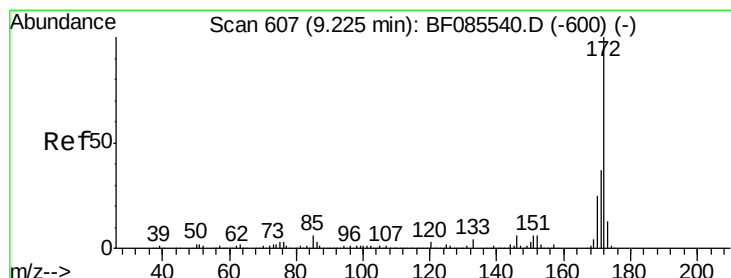
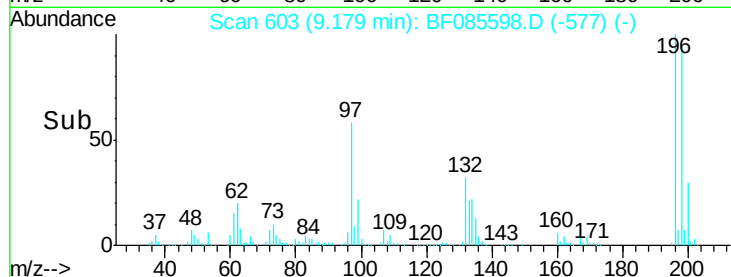
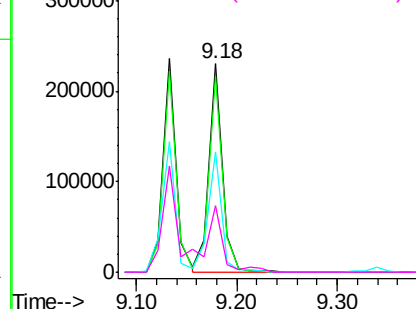
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

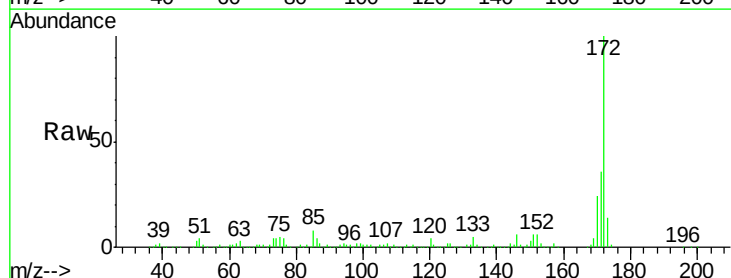
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.26 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1308948		
171	36.1	29.4	44.2	
170	24.2	19.8	29.6	

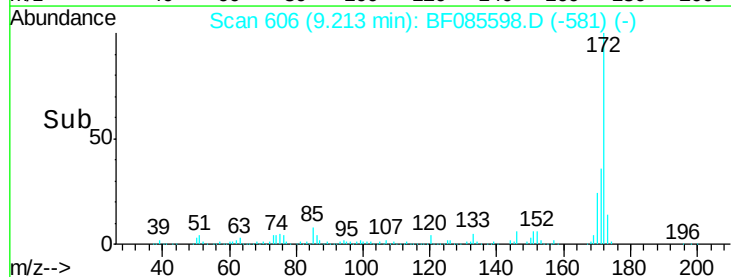
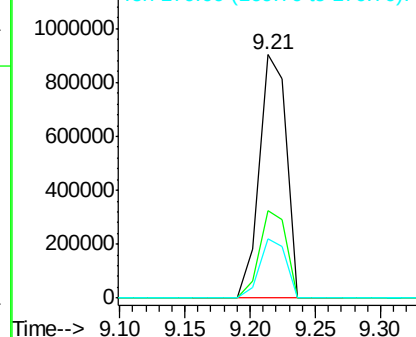


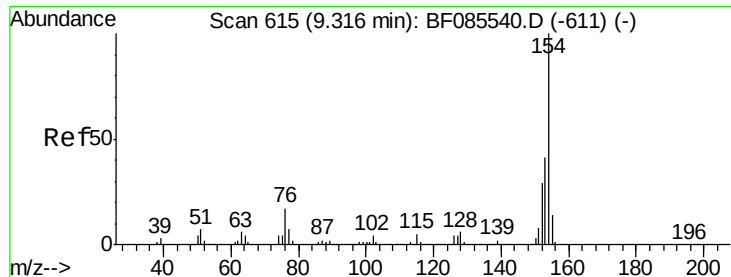
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.54 ng

RT: 9.32 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

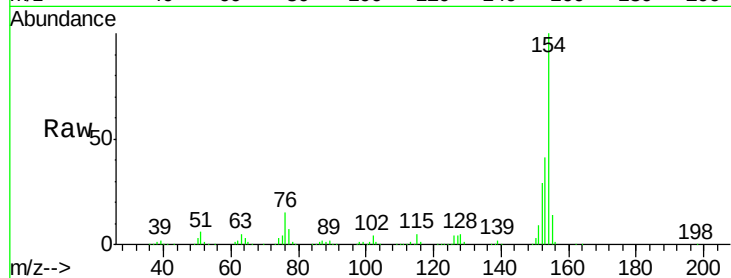
ClientSampleId :

GRID-8A-(0-10)MSD

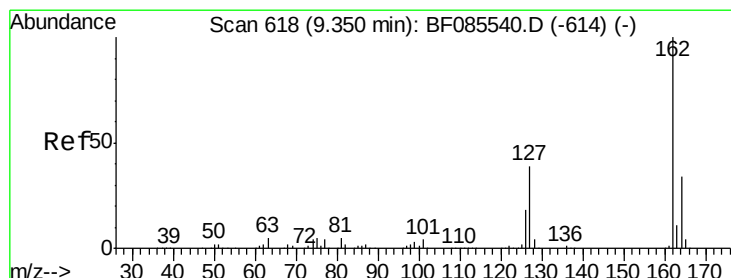
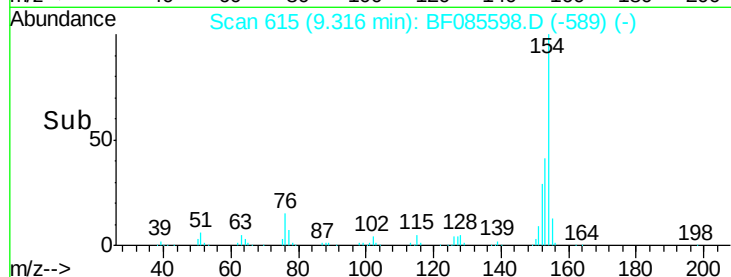
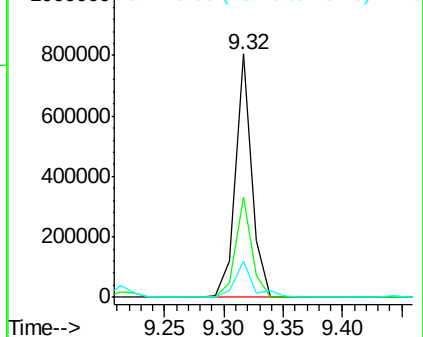
Tgt Ion:	154	Resp:	769844
Ion Ratio	Lower	Upper	
154	100		
153	41.3	20.8	60.8
76	14.6	0.0	36.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.92 ng

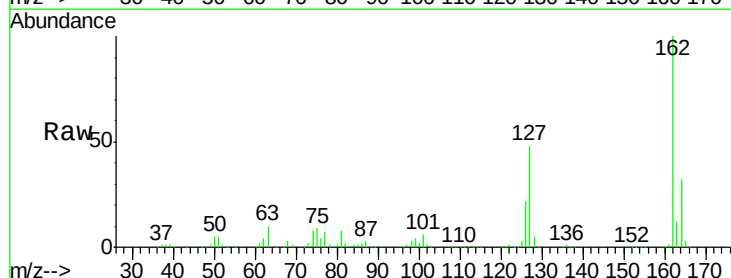
RT: 9.34 min Scan# 617

Delta R.T. -0.01 min

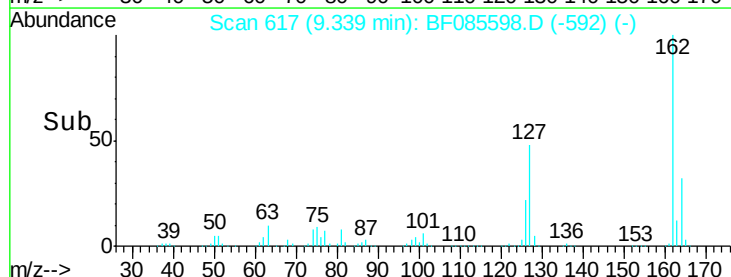
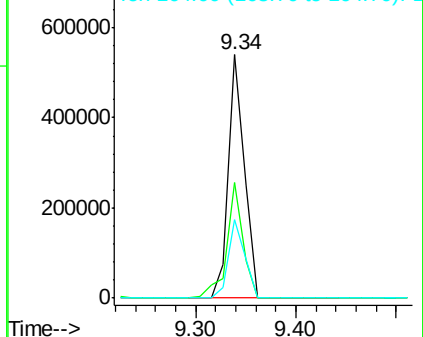
Lab File: BF085598.D

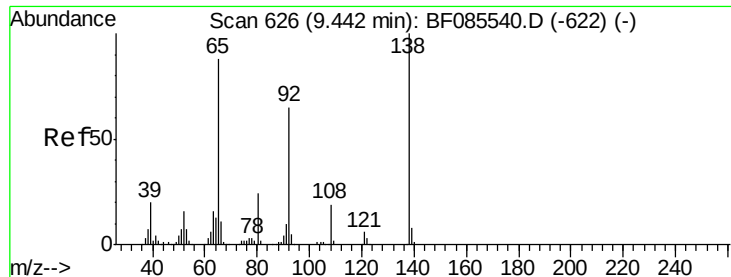
Acq: 20 Mar 2016 5:16

Tgt Ion:	162	Resp:	597097
Ion Ratio	Lower	Upper	
162	100		
127	47.6	31.7	47.5#
164	32.4	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





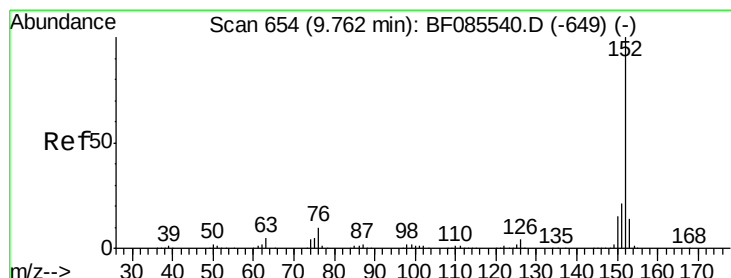
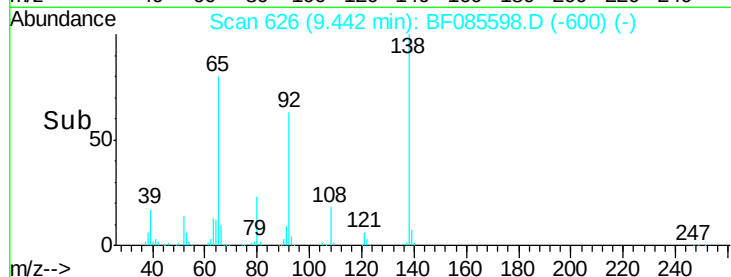
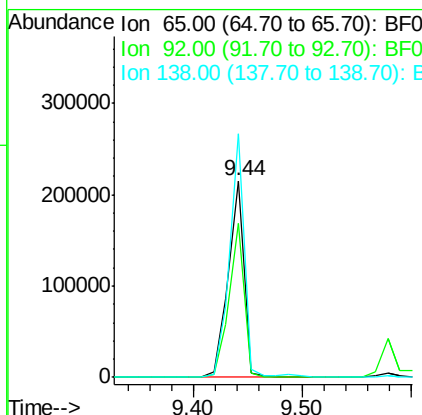
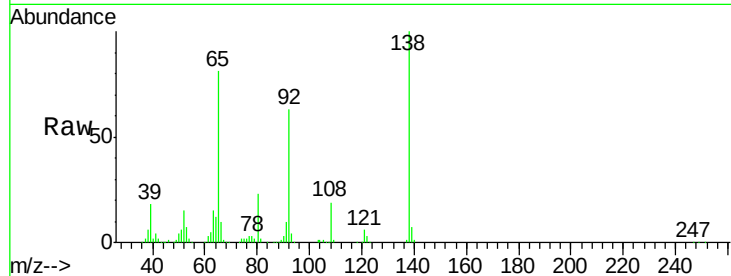
#47
 2-Nitroaniline
 Concen: 49.04 ng
 RT: 9.44 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.1	59.7	89.5
138	123.8	91.4	137.0

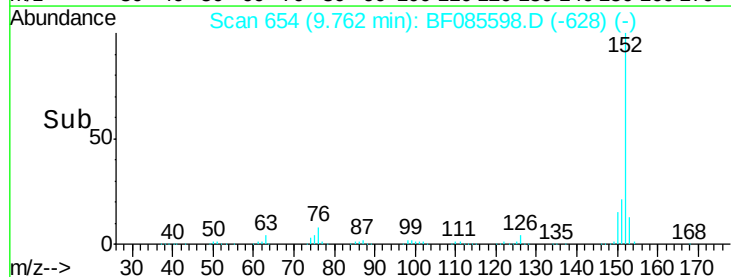
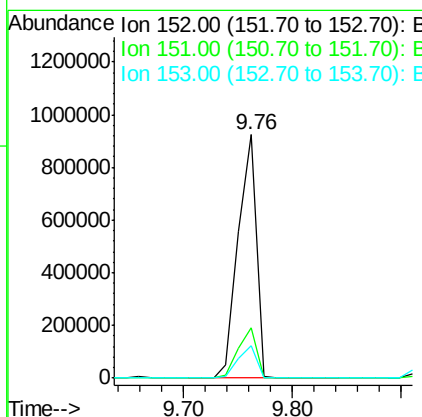
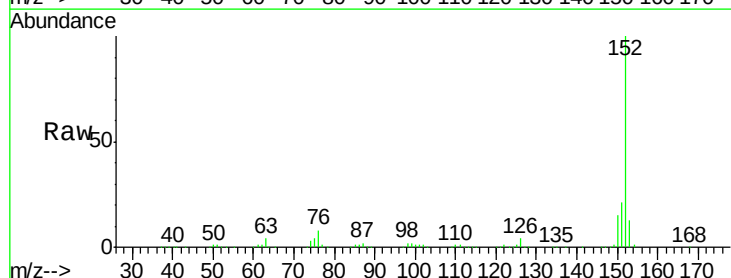
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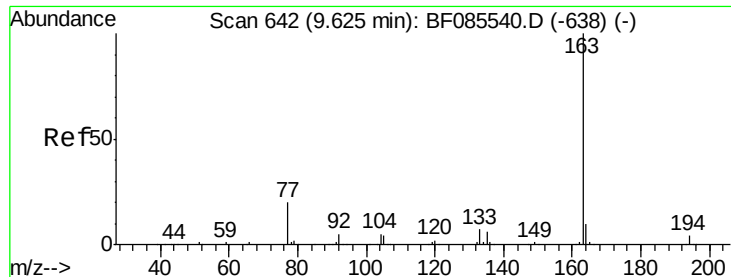
apatel
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#48
 Acenaphthylene
 Concen: 44.71 ng
 RT: 9.76 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.2	10.9	16.3





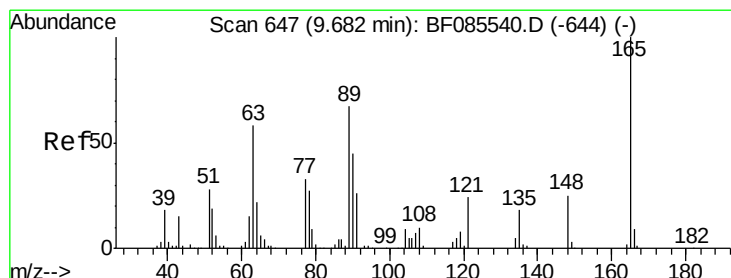
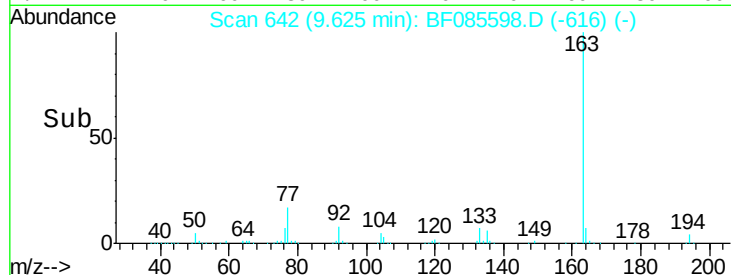
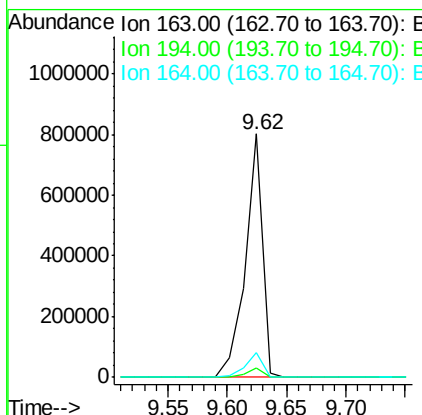
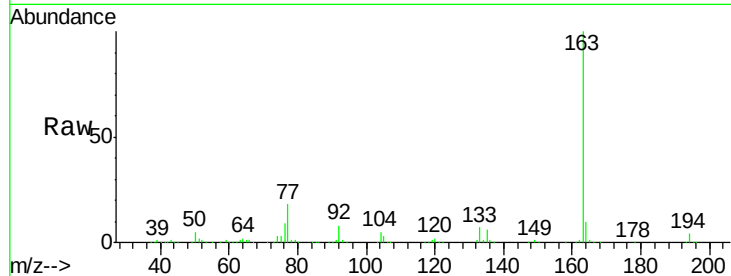
#49
Dimethylphthalate
Concen: 46.40 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	810665		
194	3.7	2.9	4.3	
164	10.2	8.3	12.5	

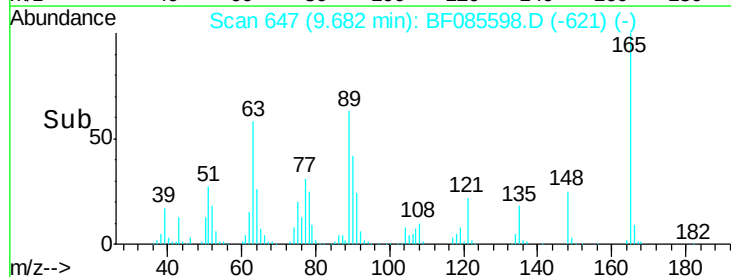
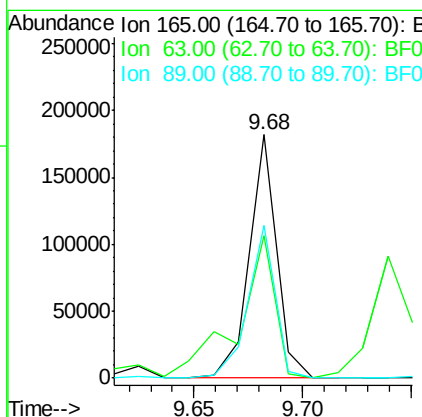
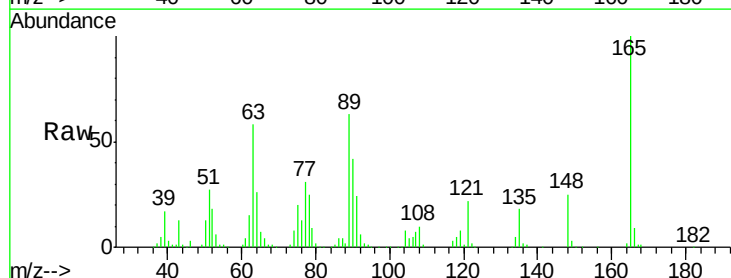
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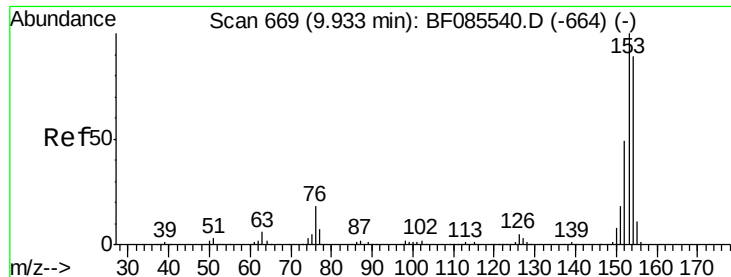
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#50
2,6-Dinitrotoluene
Concen: 42.79 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157858		
63	58.5	51.8	77.8	
89	62.9	53.7	80.5	





#51

Acenaphthene

Concen: 46.32 ng

RT: 9.93 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

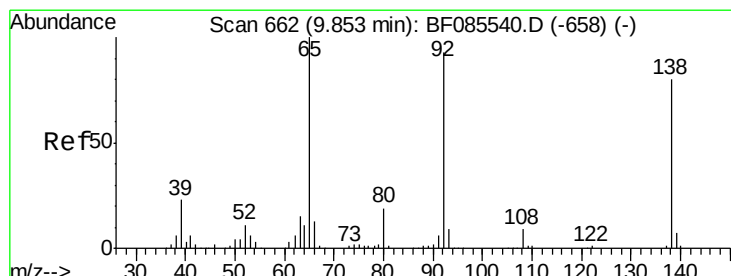
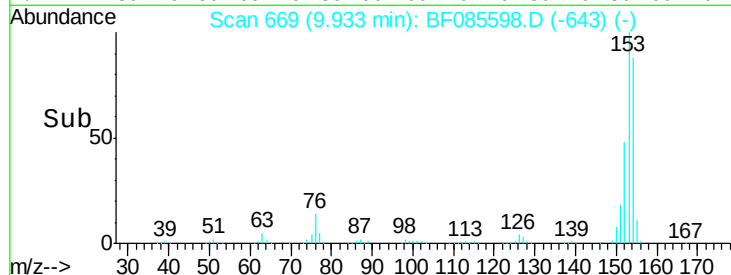
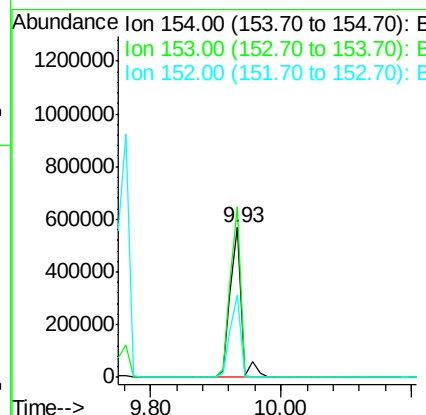
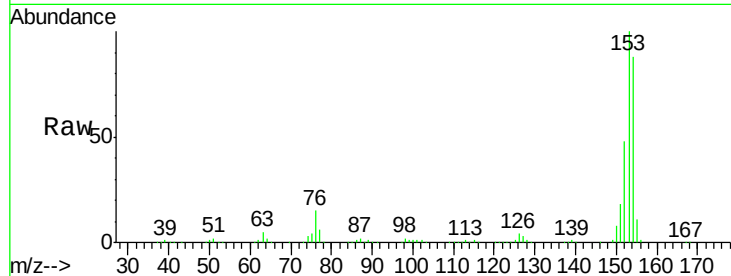
ClientSampleId :

GRID-8A-(0-10)MSD

Tgt Ion:	154	Resp:	686314
Ion Ratio	Lower	Upper	
154	100		
153	113.8	90.1	135.1
152	55.1	44.2	66.2

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#52

3-Nitroaniline

Concen: 24.06 ng

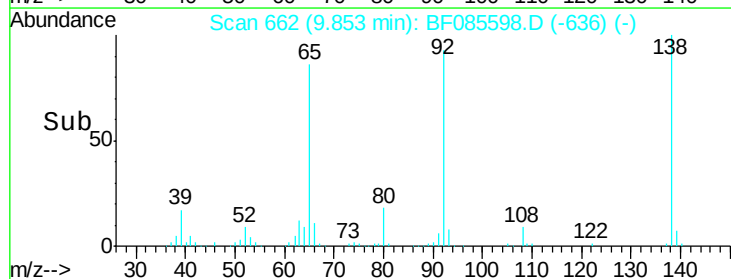
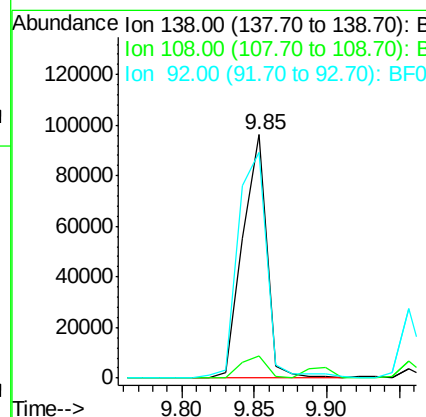
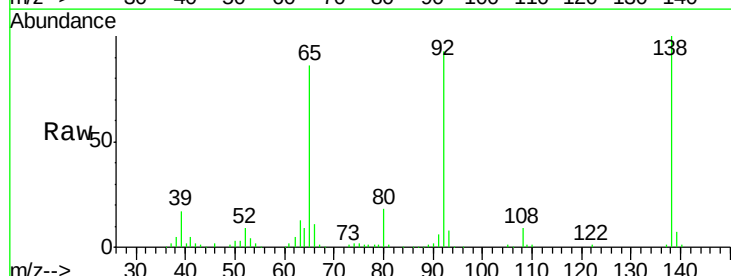
RT: 9.85 min Scan# 662

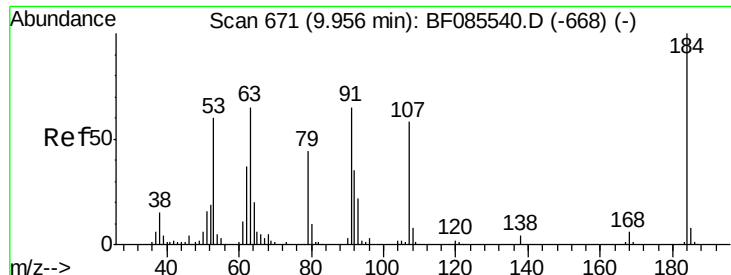
Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Tgt Ion:	138	Resp:	111137
Ion Ratio	Lower	Upper	
138	100		
108	9.0	8.7	13.1
92	92.7	93.3	139.9#





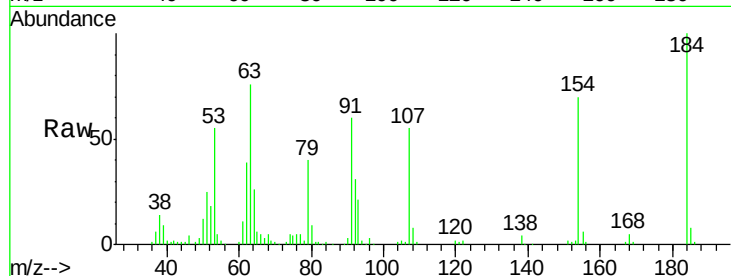
#53
2,4-Dinitrophenol
Concen: 39.84 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

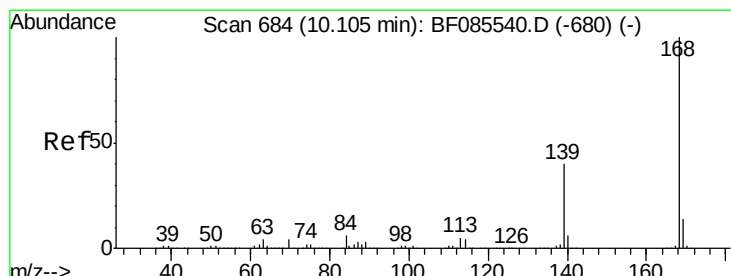
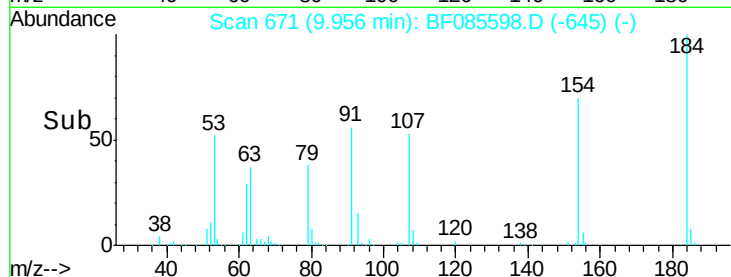
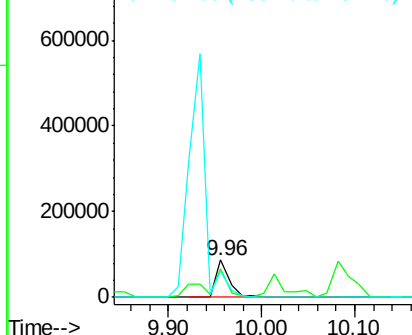
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	90025		
63	76.4	69.5	104.3	
154	69.7	58.3	87.5	

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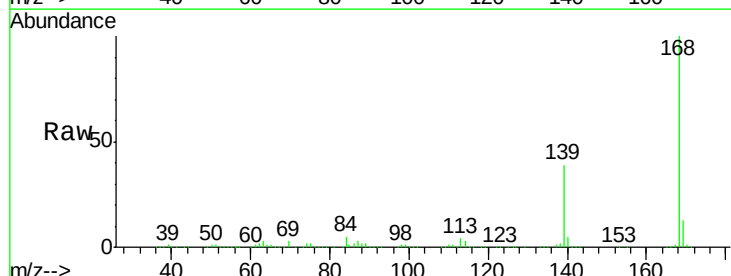


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

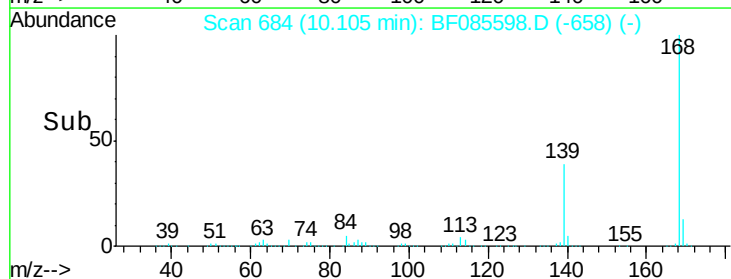
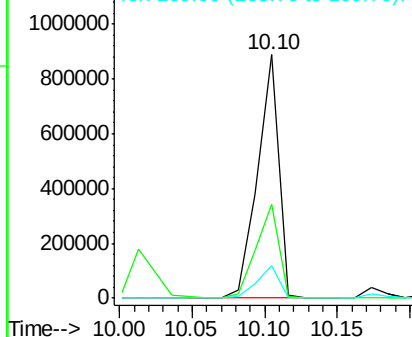


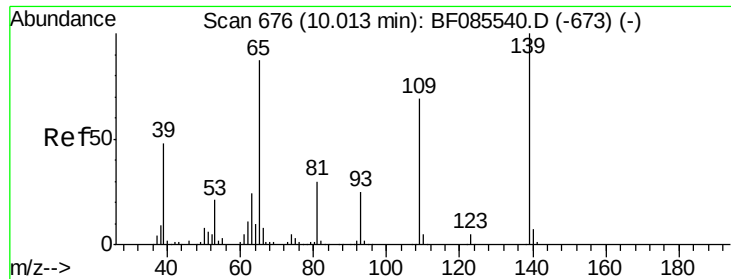
#54
Dibenzofuran
Concen: 50.04 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	902957		
139	38.8	31.9	47.9	
169	13.2	11.0	16.6	



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





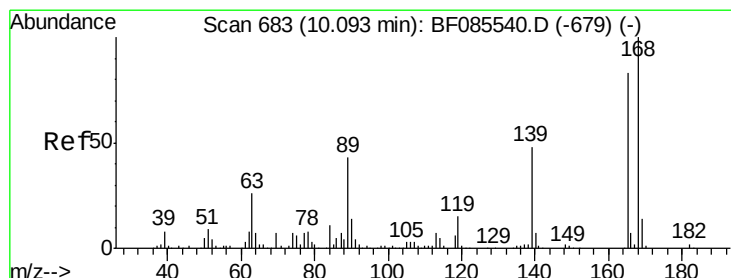
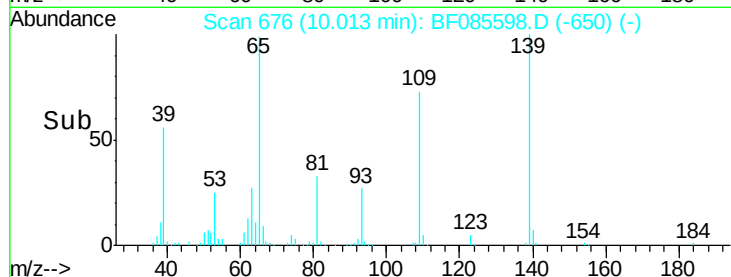
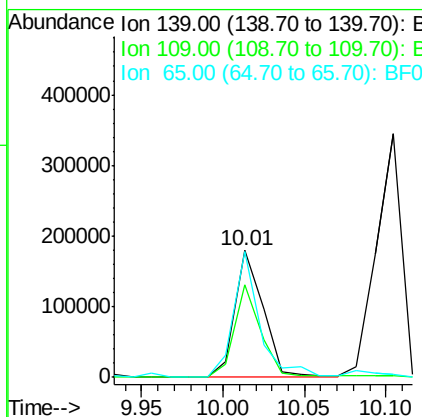
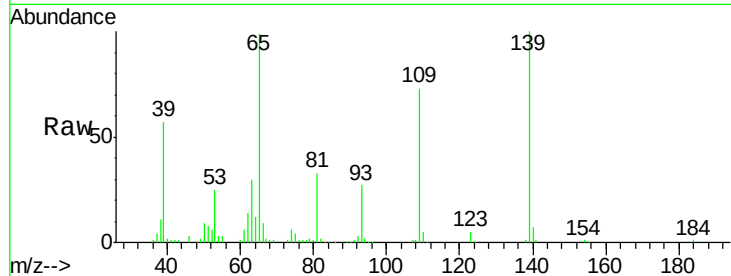
#55
4-Nitrophenol
Concen: 60.81 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	217109		
109	72.9	49.2	89.2	
65	99.0	66.9	106.9	

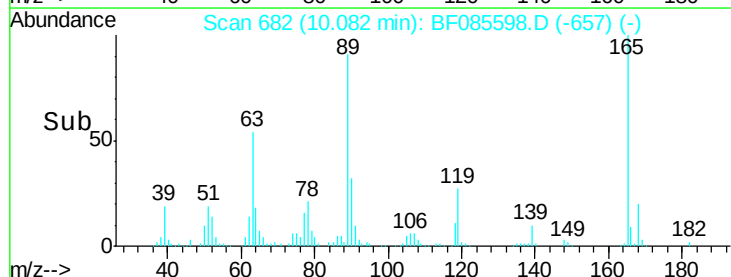
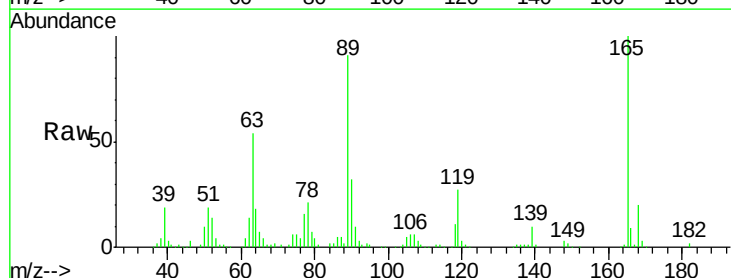
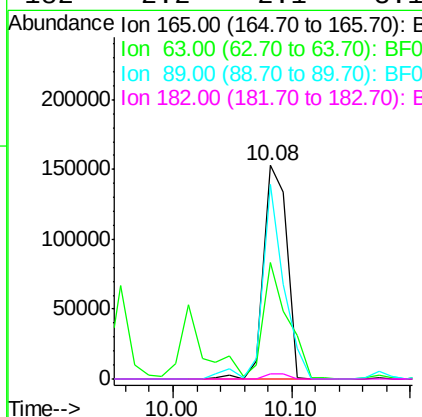
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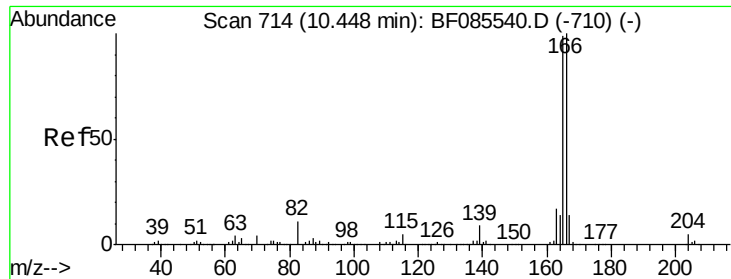
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#56
2,4-Dinitrotoluene
Concen: 43.34 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	209305		
63	54.5	24.9	37.3#	
89	91.2	41.0	61.6#	
182	2.2	2.1	3.1	





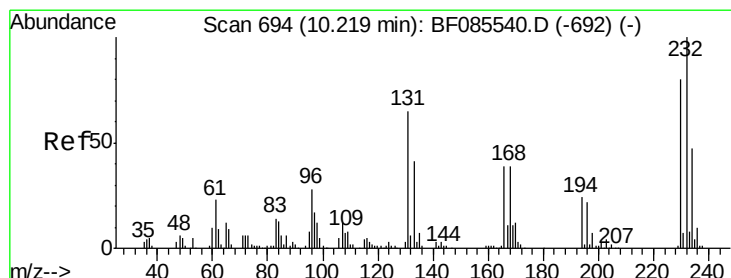
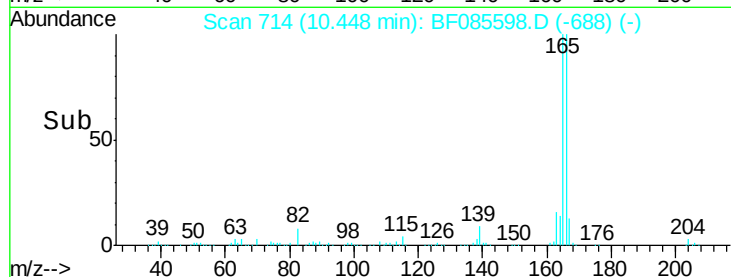
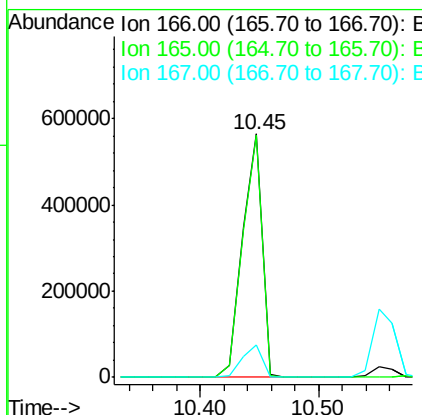
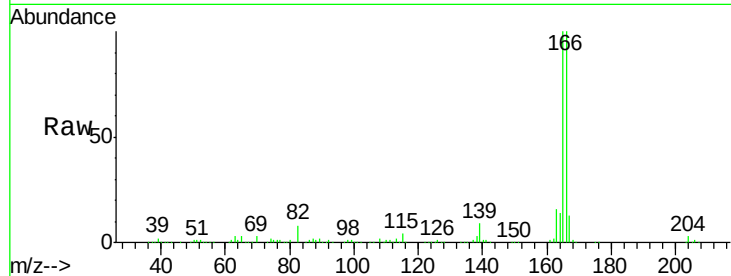
#57
 Fluorene
 Concen: 43.41 ng
 RT: 10.45 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	652809		
165	99.6	79.4	119.0	
167	13.1	11.0	16.4	

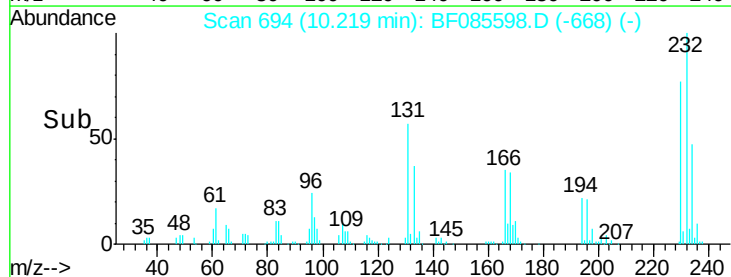
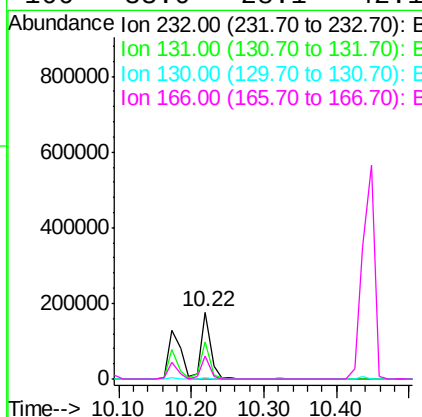
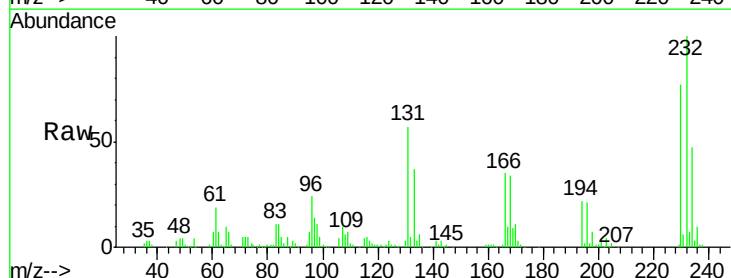
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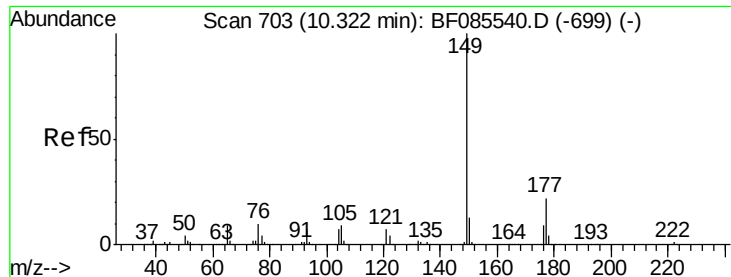
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.19 ng
 RT: 10.22 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	162723		
131	55.2	44.9	67.3	
130	2.6	2.3	3.5	
166	33.0	28.1	42.1	





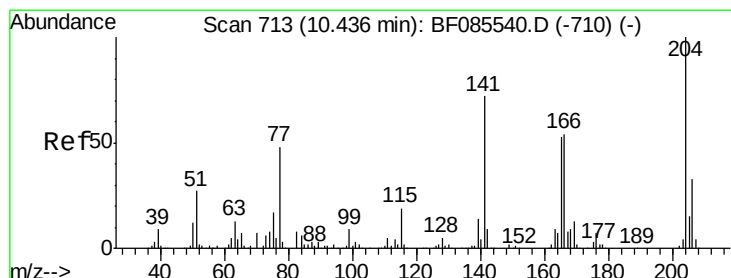
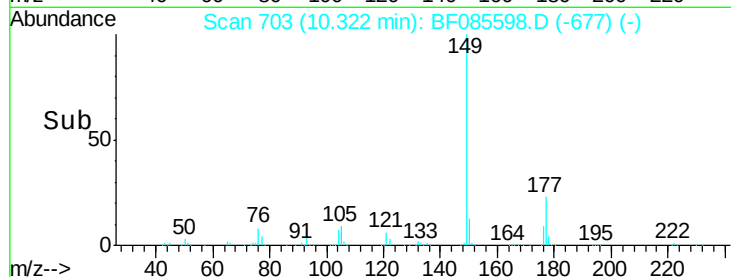
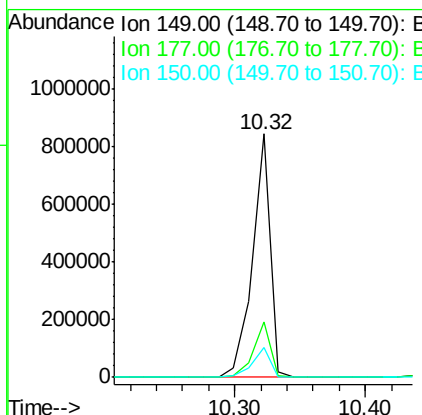
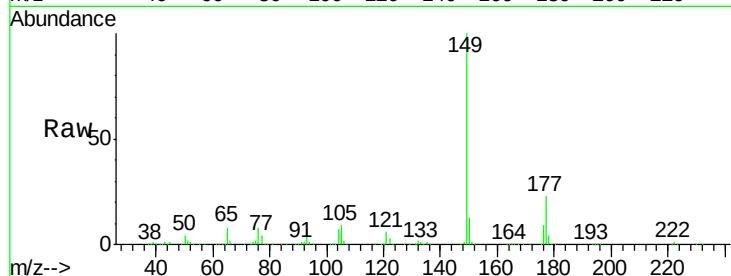
#59
Diethylphthalate
Concen: 45.88 ng
RT: 10.32 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	796989		
177	22.9	17.9	26.9	
150	12.5	10.2	15.2	

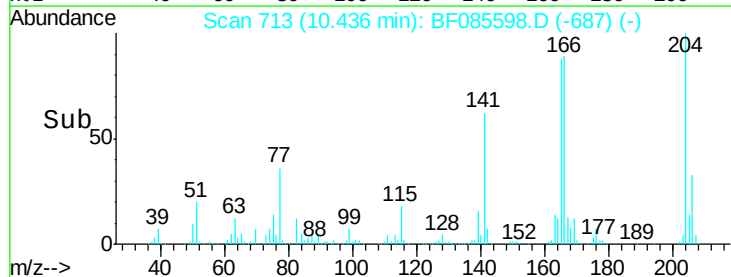
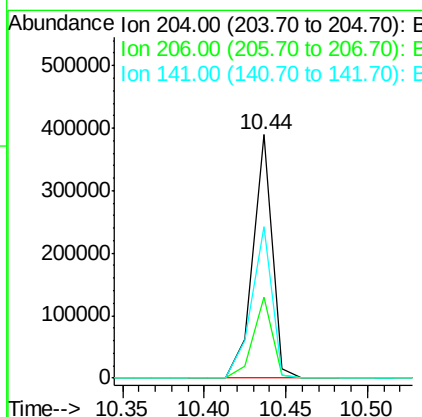
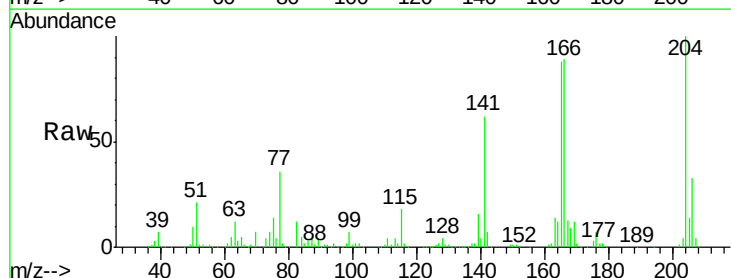
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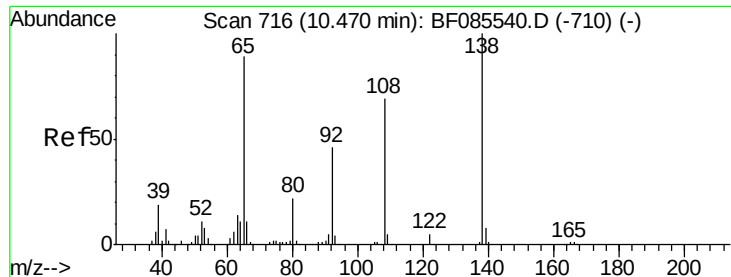
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 43.70 ng
RT: 10.44 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	320915		
206	33.1	26.6	39.8	
141	62.3	57.4	86.0	





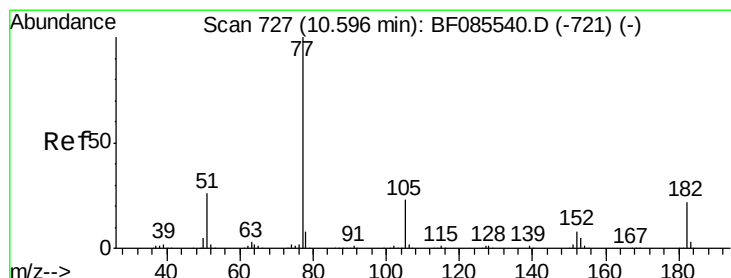
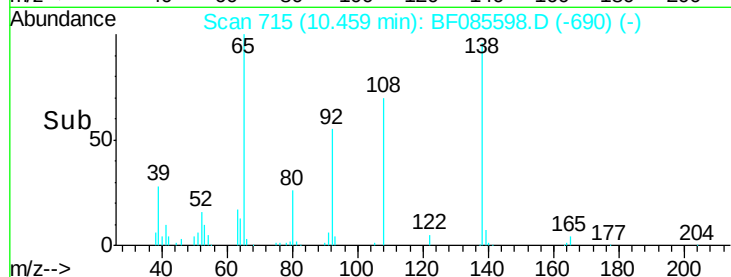
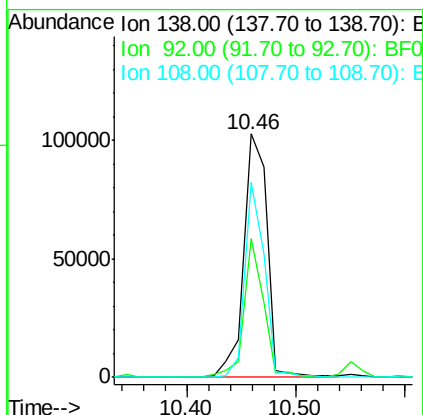
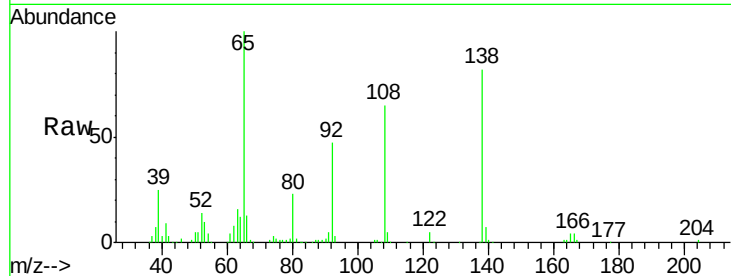
#61
4-Nitroaniline
Concen: 33.51 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	152612		
92	57.0	26.4	66.4	
108	80.1	49.0	89.0	

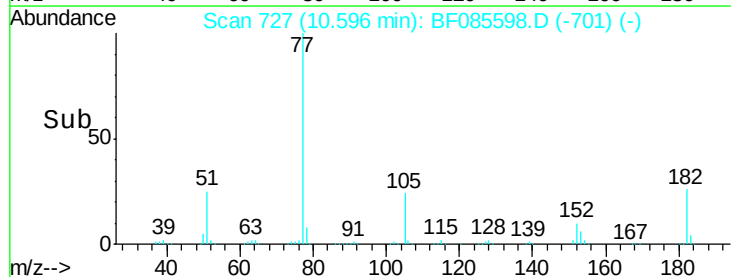
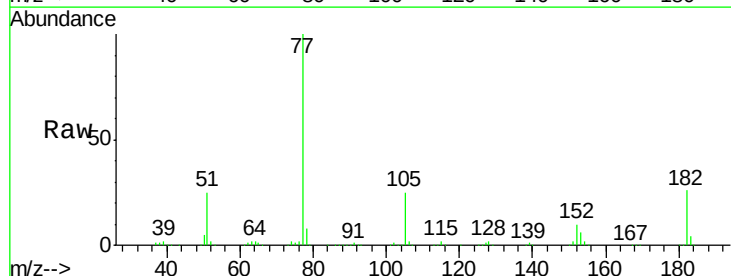
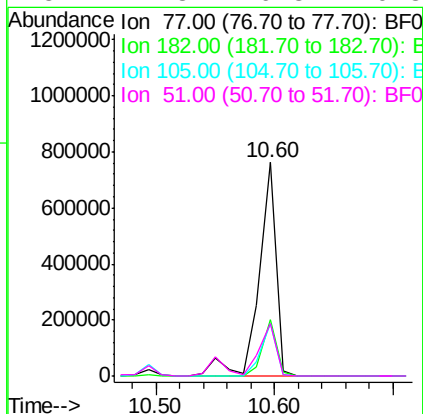
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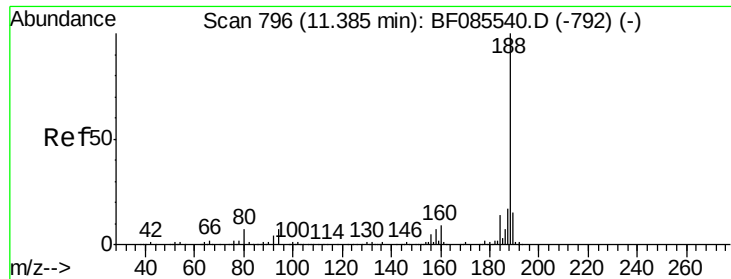
apatel
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#62
Azobenzene
Concen: 46.68 ng
RT: 10.60 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	778135		
182	26.4	1.9	41.9	
105	24.7	3.5	43.5	
51	24.8	6.3	46.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

GRID-8A-(0-10)MSD

Tgt Ion:188 Resp: 362001
Ion Ratio Lower Upper

188 100

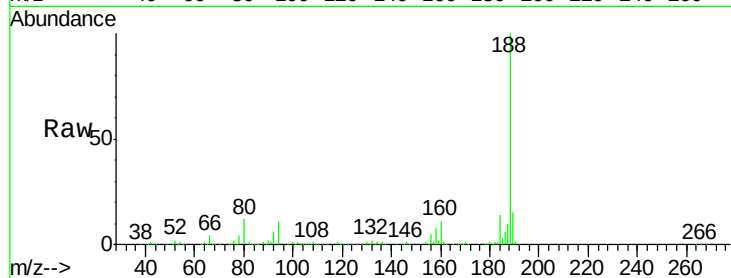
94 11.3 5.4 8.0#

80 11.8 5.5 8.3#

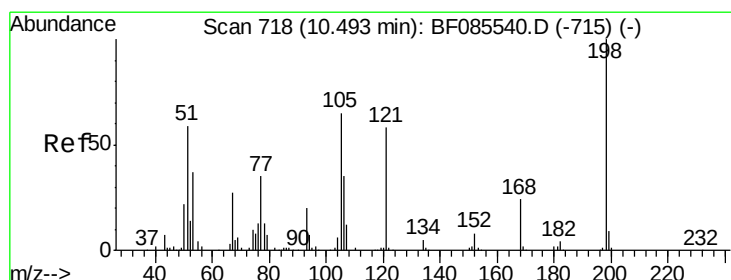
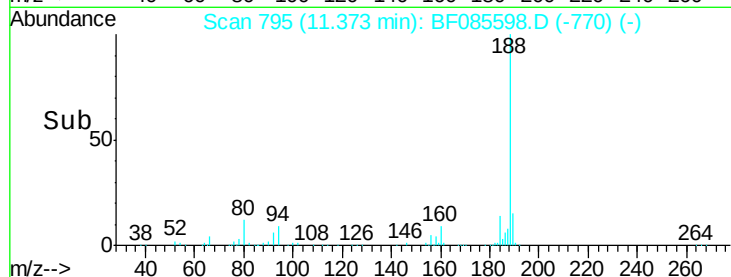
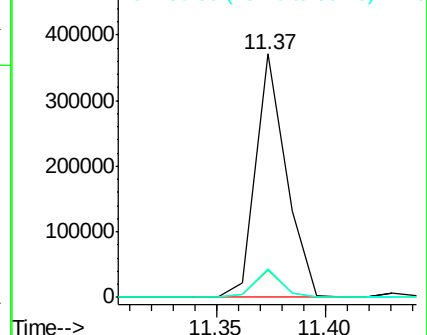
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 29.59 ng

RT: 10.49 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF085598.D

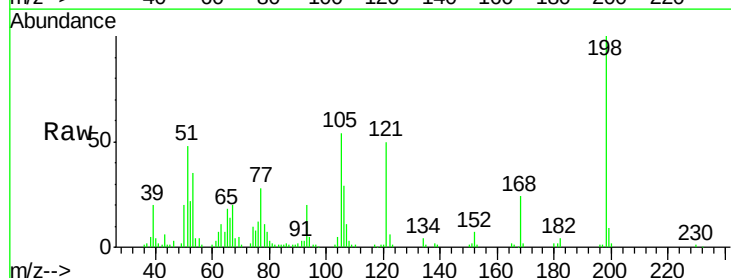
Acq: 20 Mar 2016 5:16

Tgt Ion:198 Resp: 68548
Ion Ratio Lower Upper

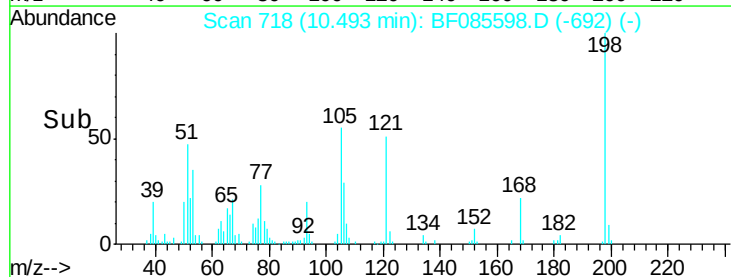
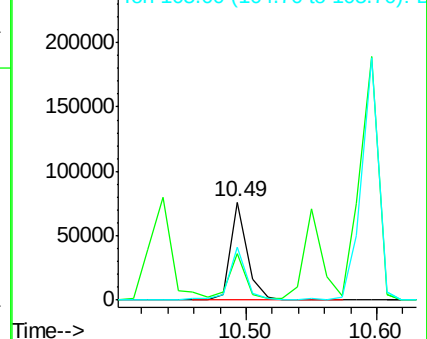
198 100

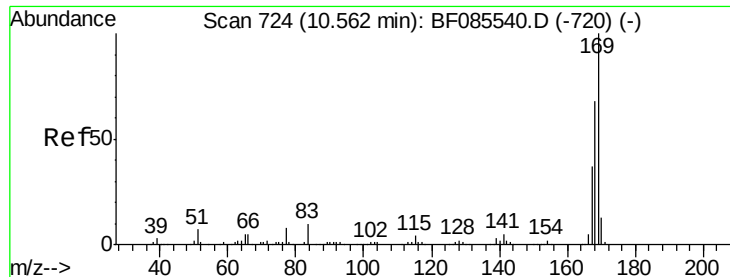
51 47.7 45.4 85.4

105 54.3 45.9 85.9



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.00 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

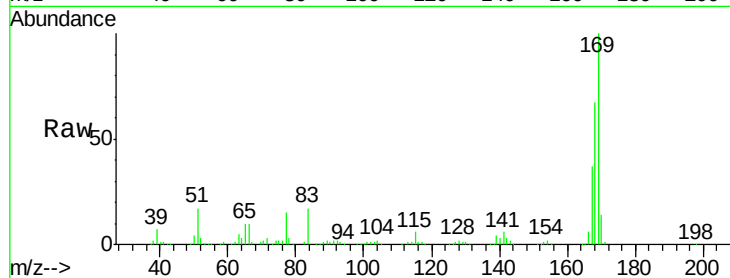
ClientSampleId :

GRID-8A-(0-10)MSD

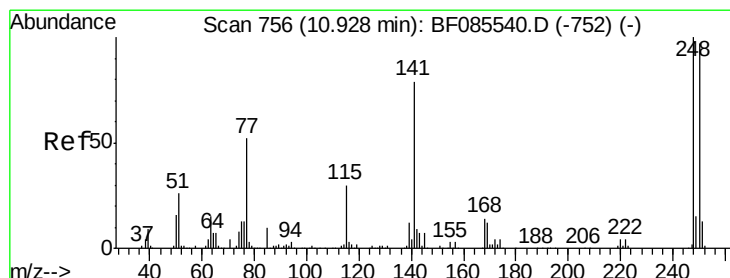
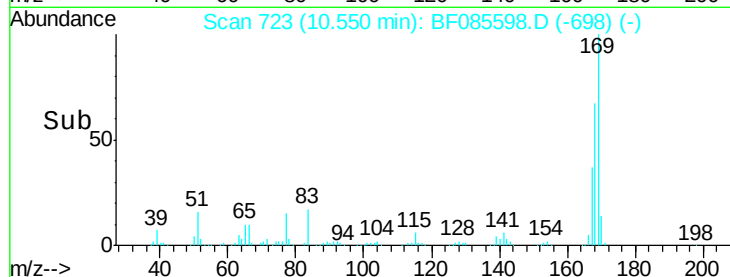
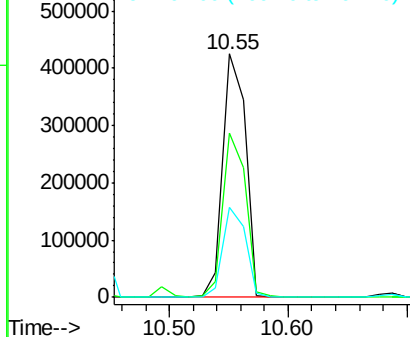
Tgt Ion:	169	Resp:	563856
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.4	81.6
167	37.2	29.4	44.0

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.73 ng

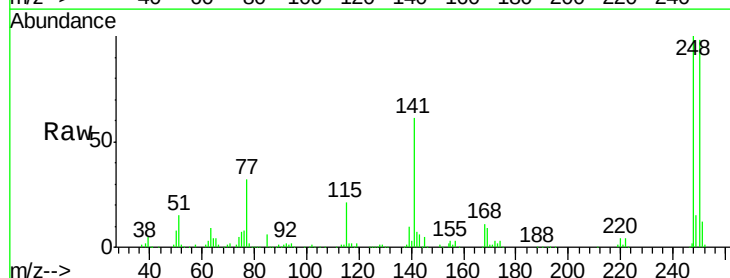
RT: 10.93 min Scan# 756

Delta R.T. 0.00 min

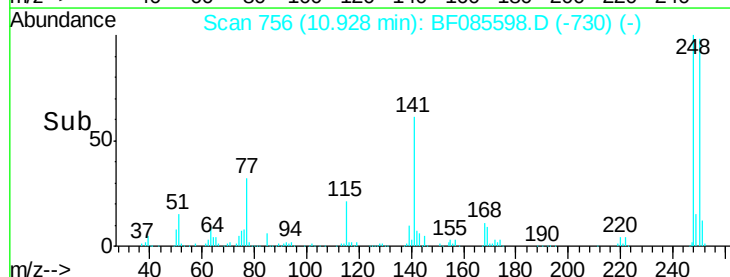
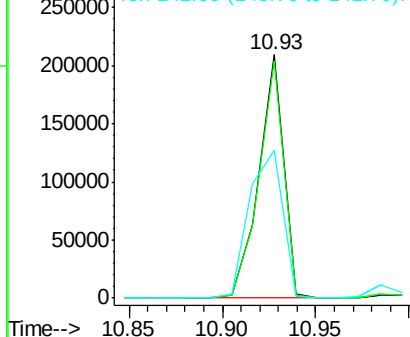
Lab File: BF085598.D

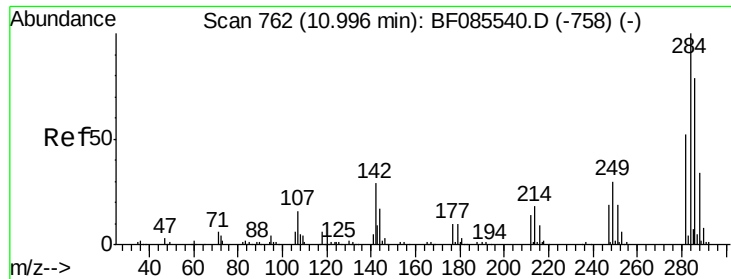
Acq: 20 Mar 2016 5:16

Tgt Ion:	248	Resp:	190677
Ion Ratio	Lower	Upper	
248	100		
250	97.7	77.4	116.0
141	60.7	63.6	95.4#



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





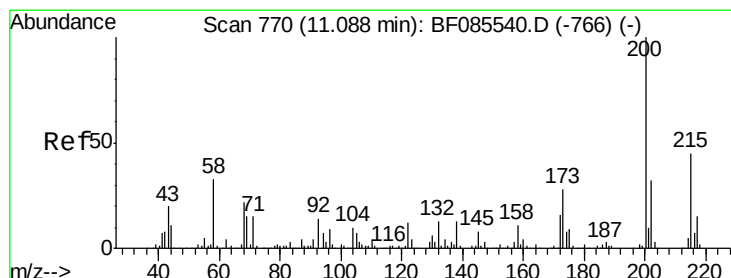
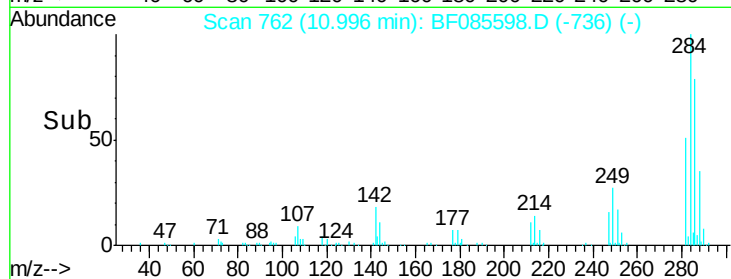
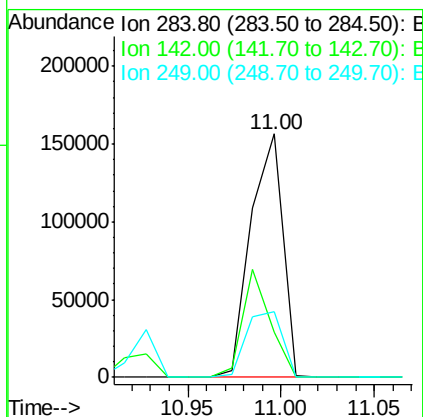
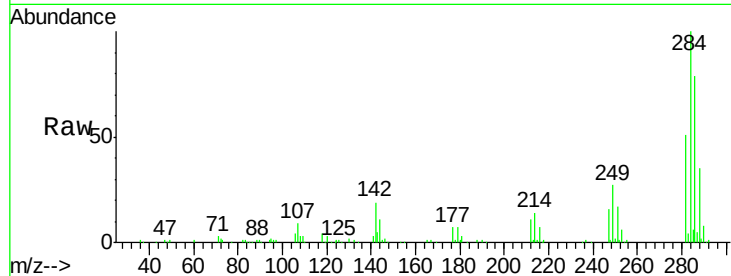
#67
Hexachlorobenzene
Concen: 48.43 ng
RT: 11.00 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	18.6	23.1	34.7#
249	26.8	24.2	36.2

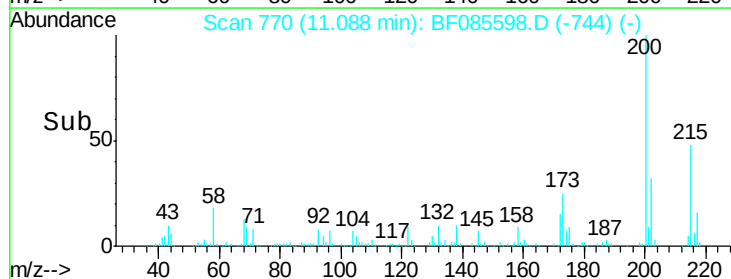
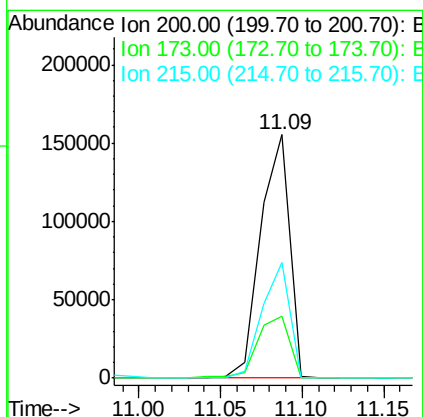
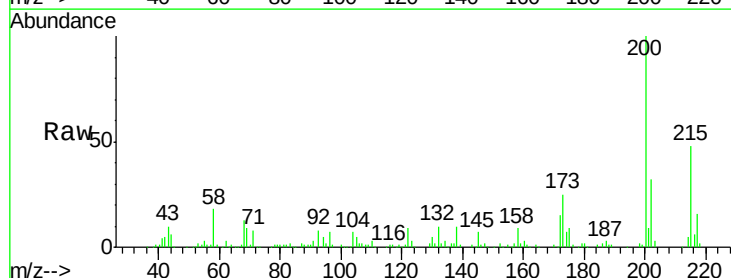
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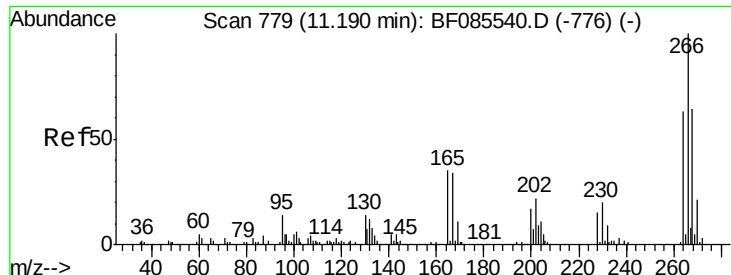
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#68
Atrazine
Concen: 55.97 ng
RT: 11.09 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.3	7.7	47.7
215	47.6	25.4	65.4





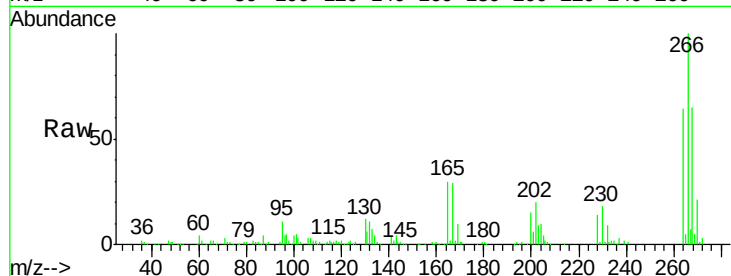
#69
 Pentachlorophenol
 Concen: 77.86 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

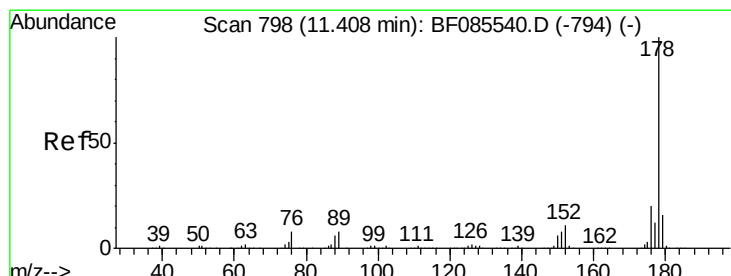
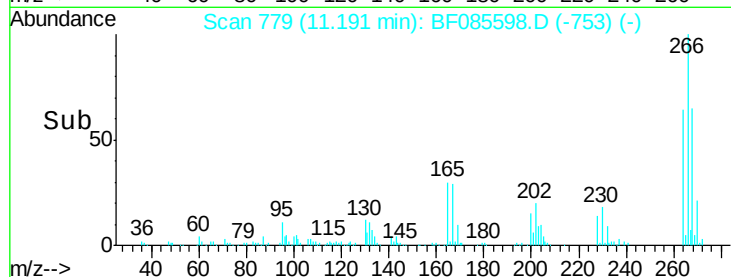
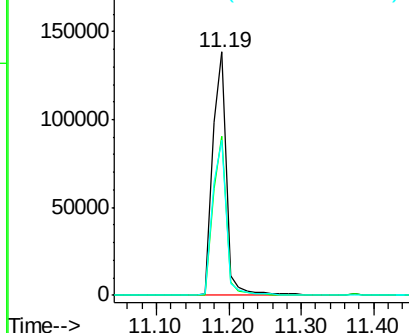
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	181619		
268	65.2	51.5	77.3	
264	63.5	50.6	76.0	

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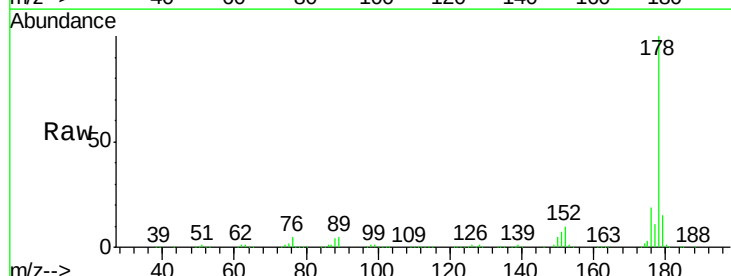


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

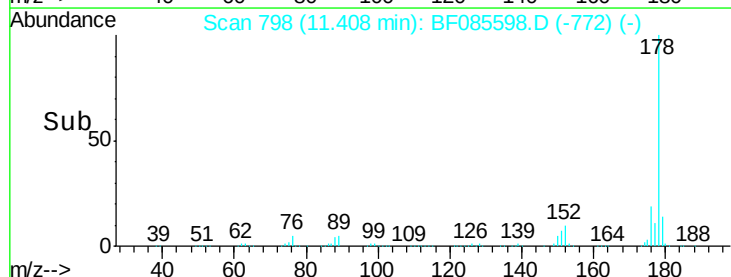
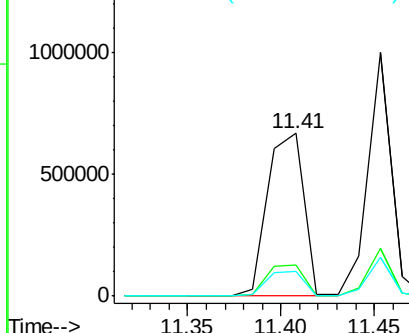


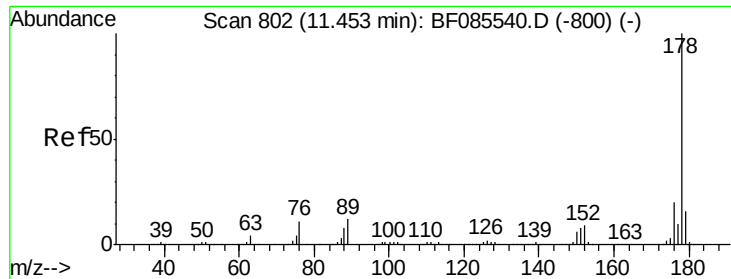
#70
 Phenanthrene
 Concen: 47.33 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	903387		
176	19.5	16.3	24.5	
179	14.9	12.6	18.8	



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





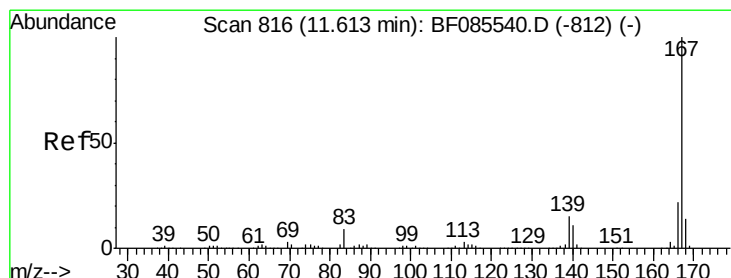
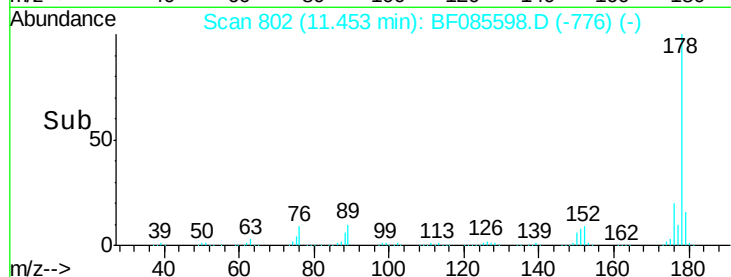
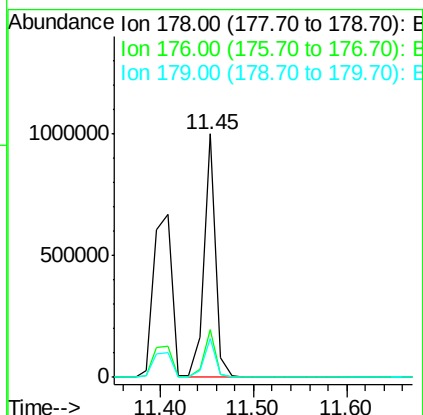
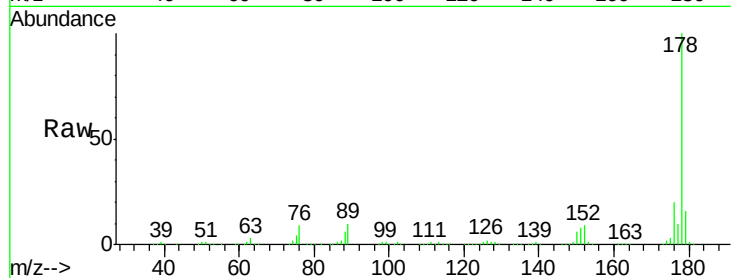
#71
 Anthracene
 Concen: 43.19 ng
 RT: 11.45 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.9	13.0	19.4

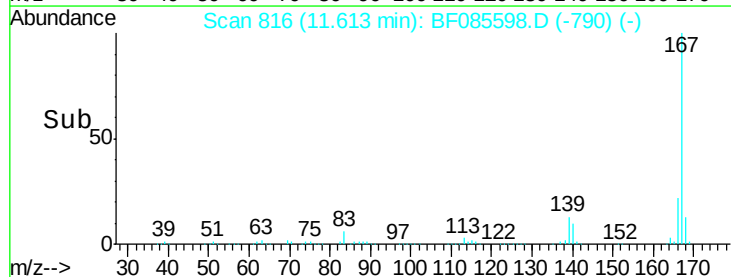
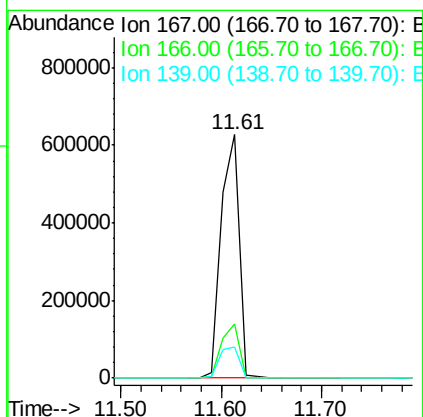
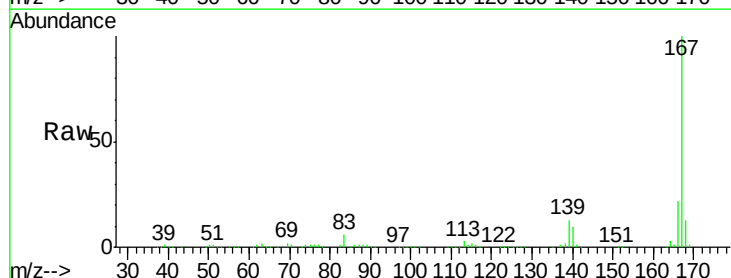
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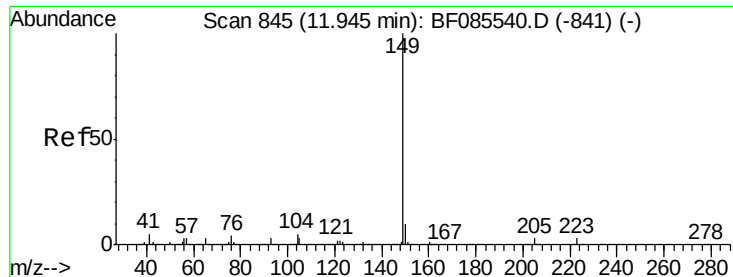
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#72
 Carbazole
 Concen: 45.25 ng
 RT: 11.61 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	12.7	11.6	17.4





#73

Di-n-butylphthalate

Concen: 49.96 ng

RT: 11.94 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

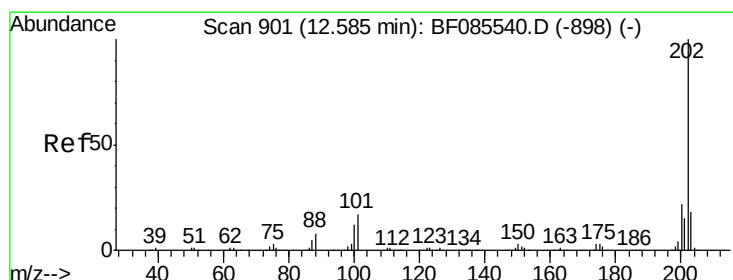
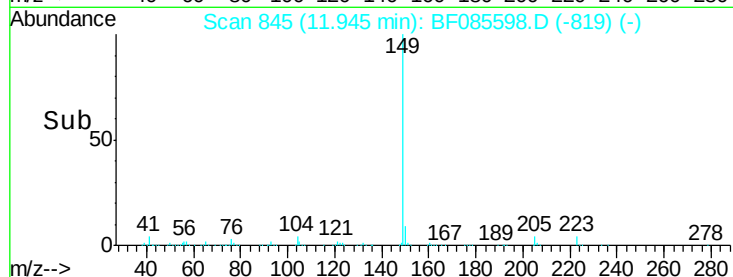
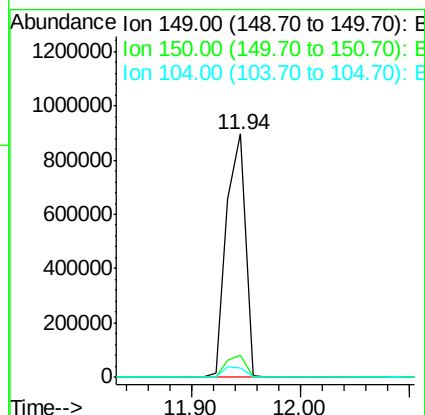
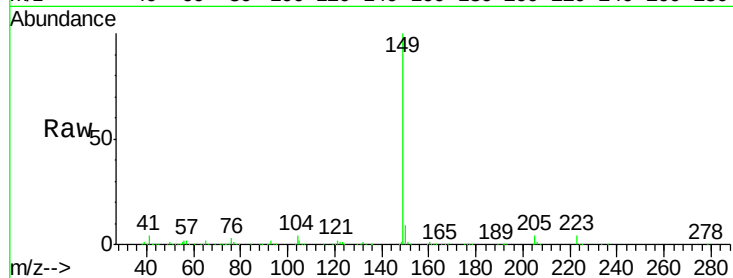
GRID-8A-(0-10)MSD

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Tgt Ion:	149	Resp:	1080109
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.6	11.4
104	4.0	3.8	5.8



#74

Fluoranthene

Concen: 35.92 ng

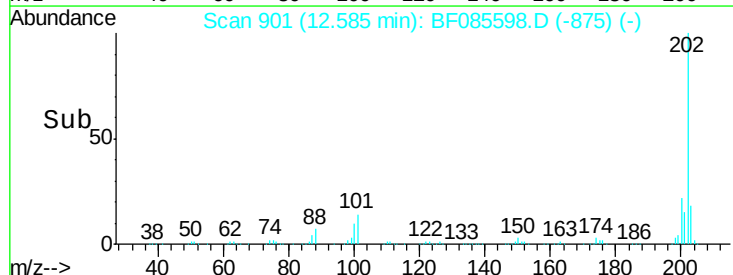
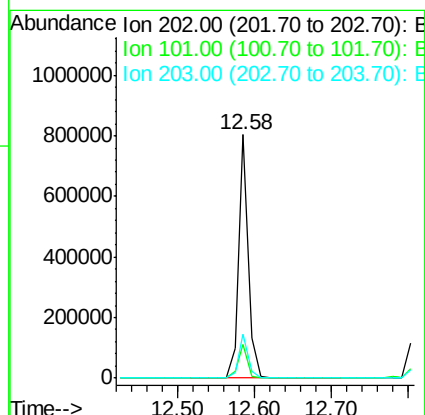
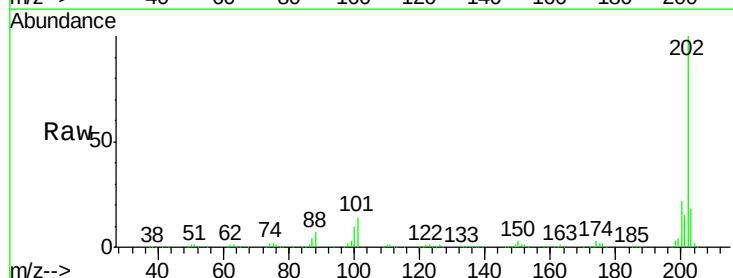
RT: 12.58 min Scan# 901

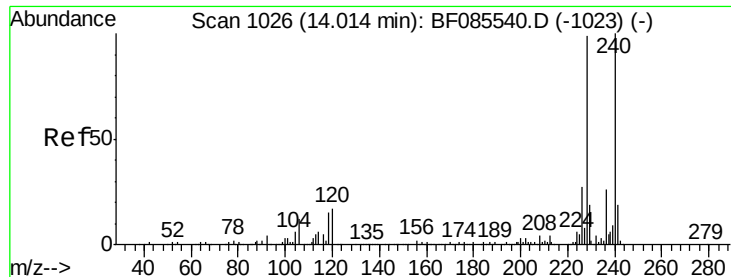
Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Tgt Ion:	202	Resp:	717939
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	36.6
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

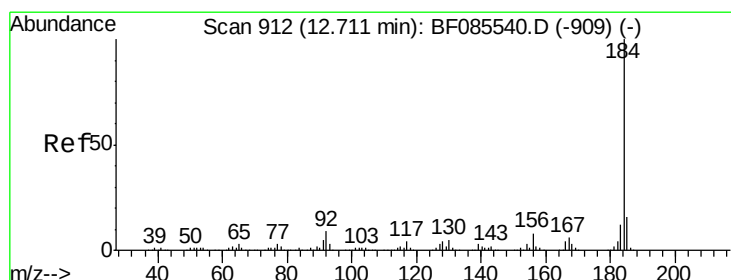
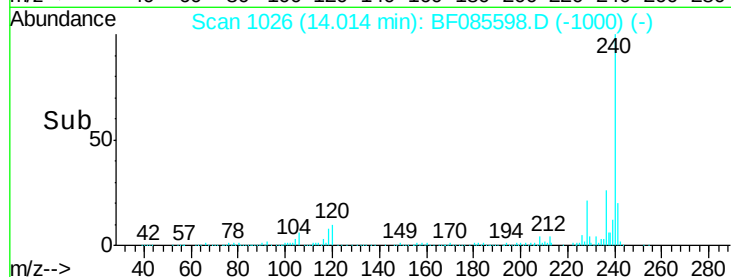
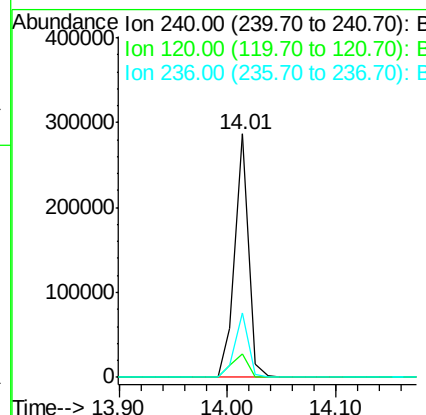
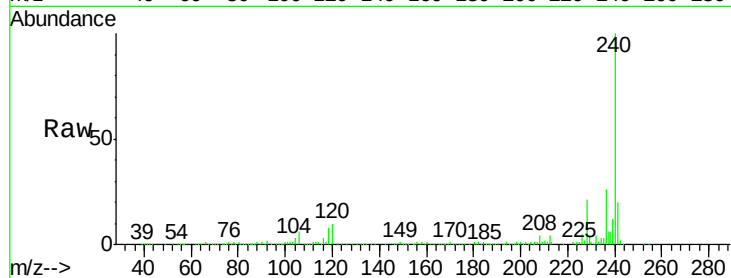
ClientSampleId :

GRID-8A-(0-10)MSD

Tgt Ion:	240	Resp:	250644
Ion Ratio	Lower	Upper	
240	100		
120	9.8	13.8	20.8#
236	26.3	20.6	30.8

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#76

Benzidine

Concen: 22.92 ng

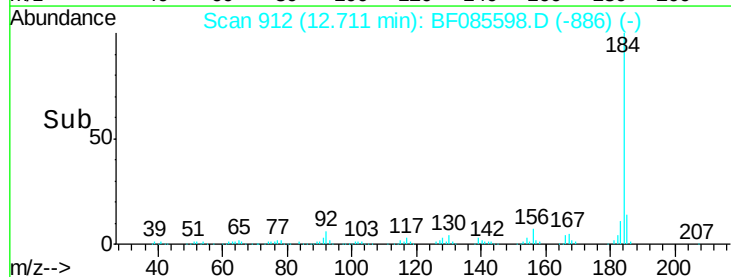
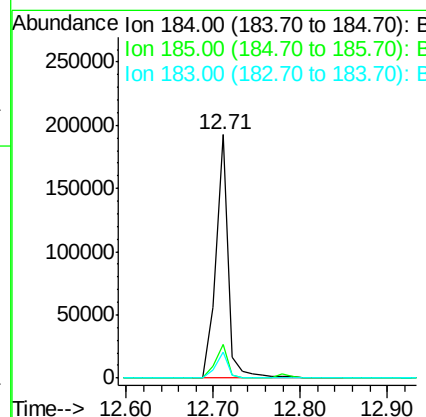
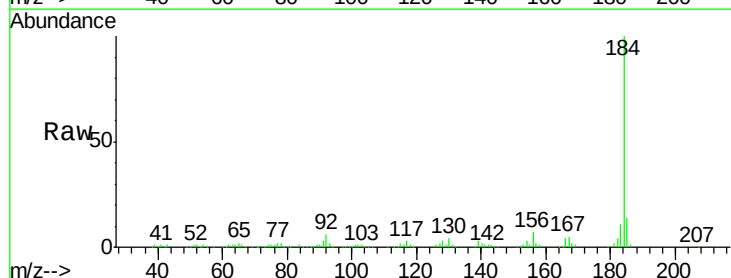
RT: 12.71 min Scan# 912

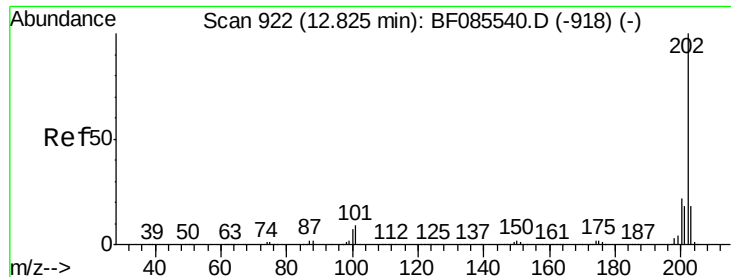
Delta R.T. 0.00 min

Lab File: BF085598.D

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Tgt Ion:	184	Resp:	193178
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.4	18.6
183	10.8	9.4	14.2





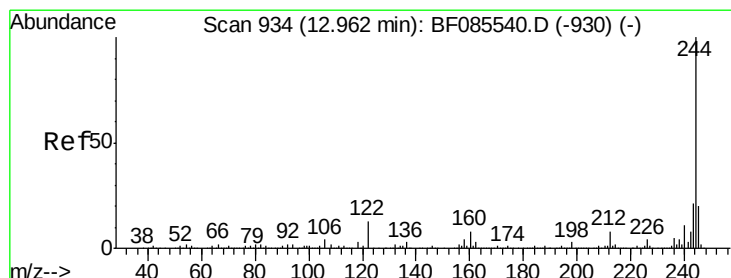
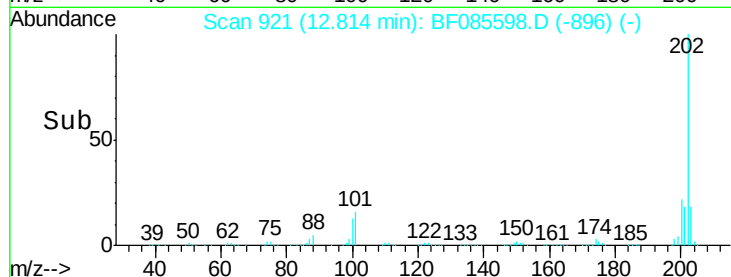
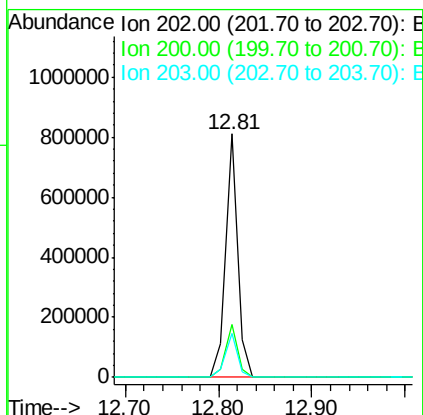
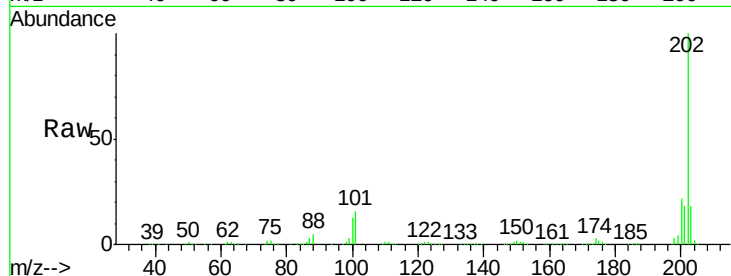
#77
 Pyrene
 Concen: 40.55 ng
 RT: 12.81 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	729709		
200	21.9		17.6	26.4
203	17.8		14.0	21.0

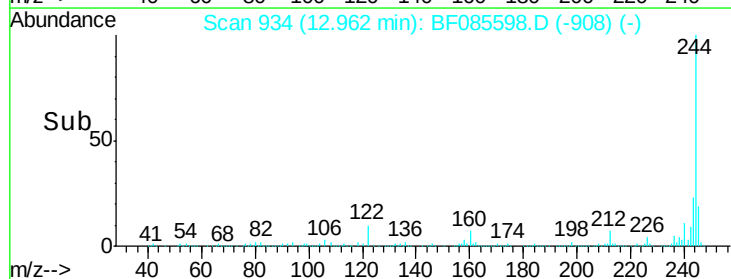
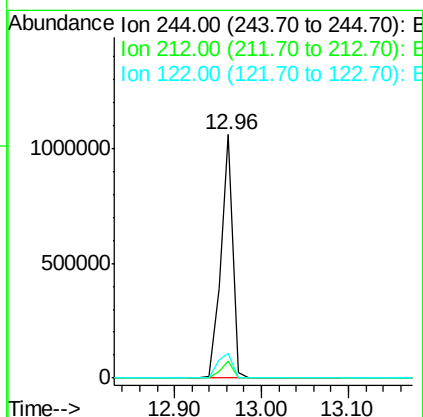
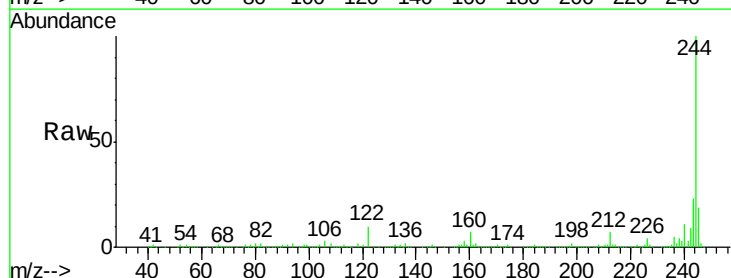
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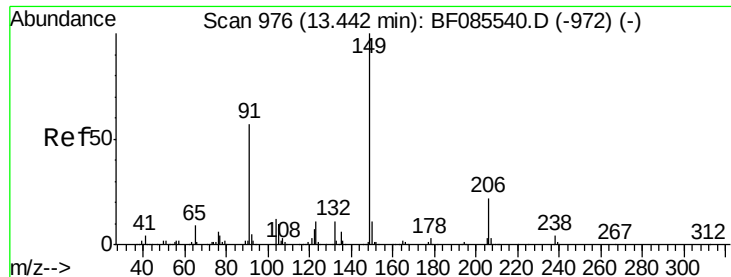
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#78
 Terphenyl-d14
 Concen: 98.25 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1023334		
212	7.0		6.1	9.1
122	9.9		10.2	15.4#





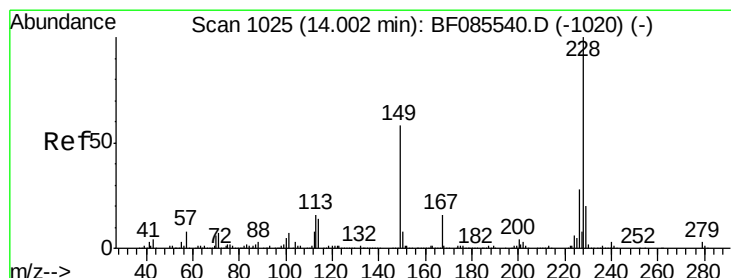
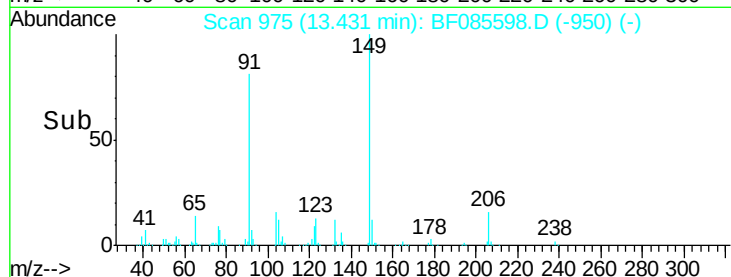
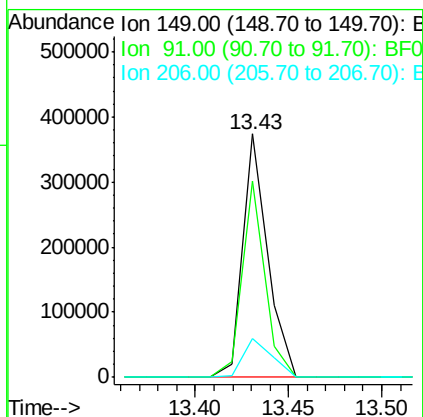
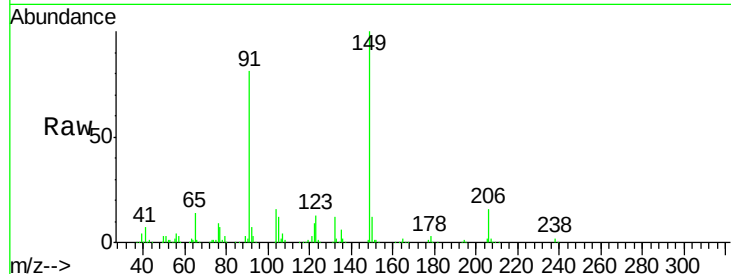
#79
Butylbenzylphthalate
Concen: 40.57 ng
RT: 13.43 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	80.5	45.8	68.8#
206	16.1	17.8	26.8#

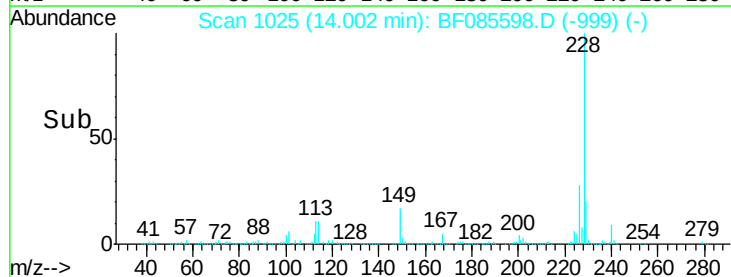
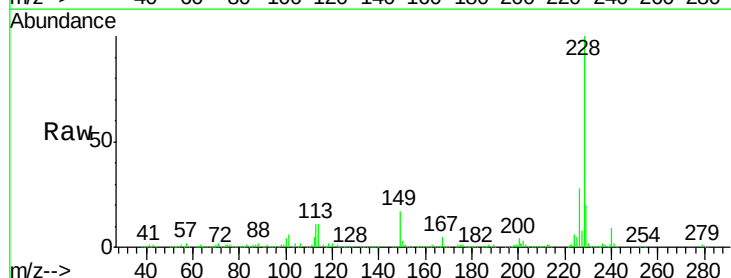
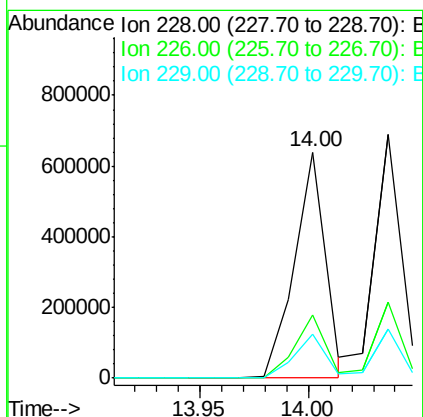
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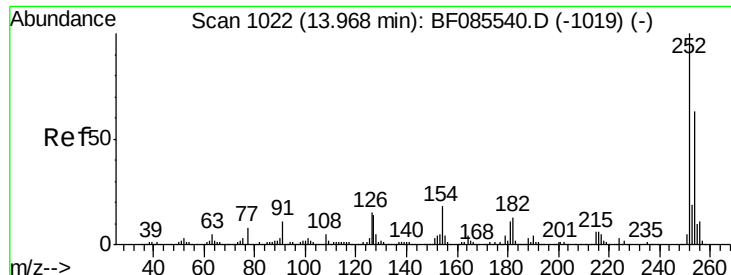
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#80
Benzo(a)anthracene
Concen: 43.70 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	22.1	33.1
229	19.7	16.2	24.4





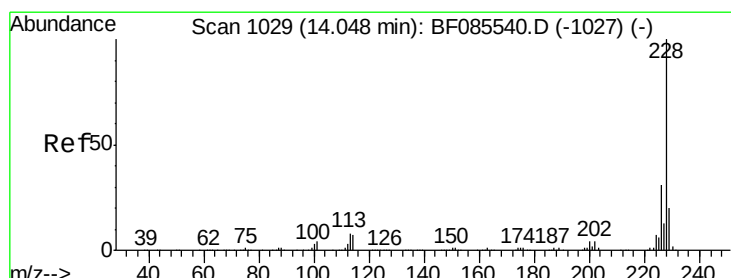
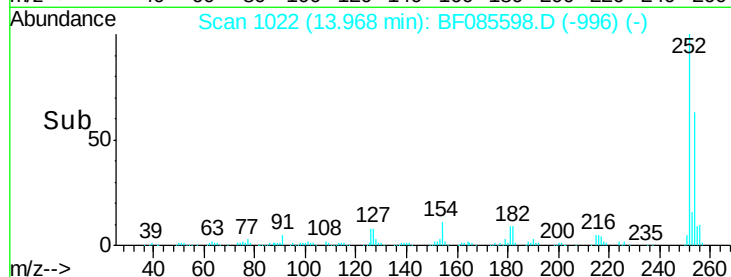
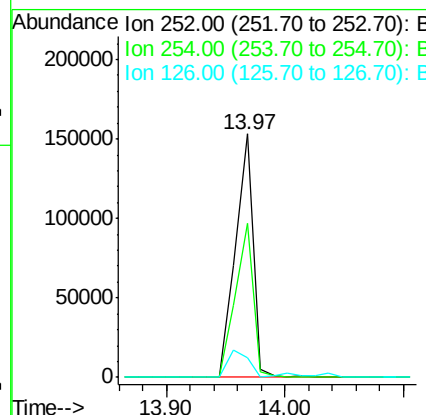
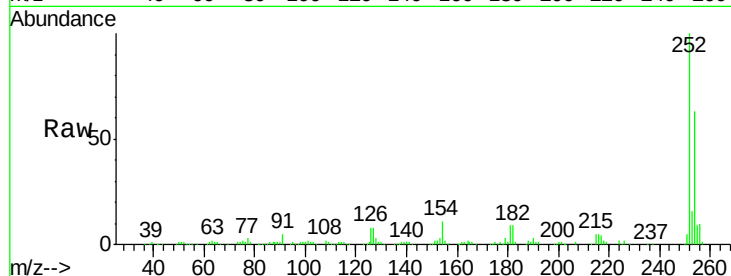
#81
 3,3'-Dichlorobenzidine
 Concen: 29.97 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.4	50.7	76.1
126	8.1	11.8	17.6

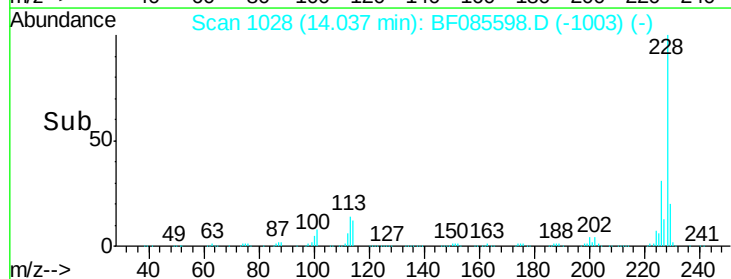
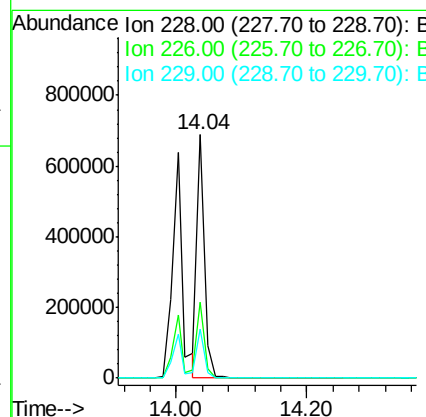
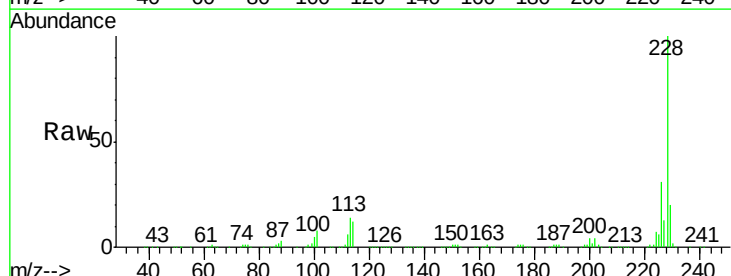
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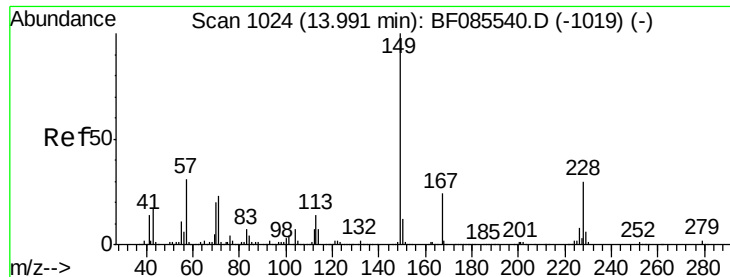
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#82
 Chrysene
 Concen: 39.34 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	25.0	37.6
229	20.0	15.7	23.5





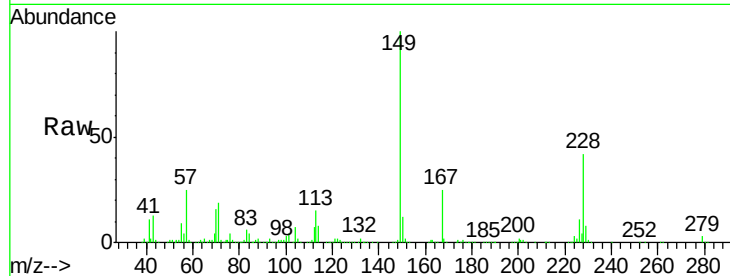
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.90 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

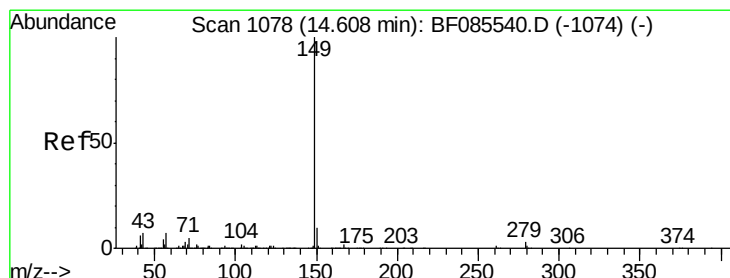
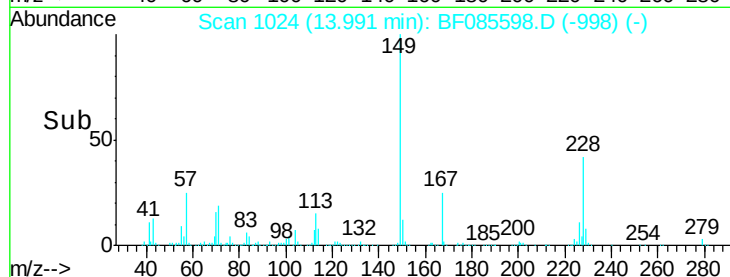
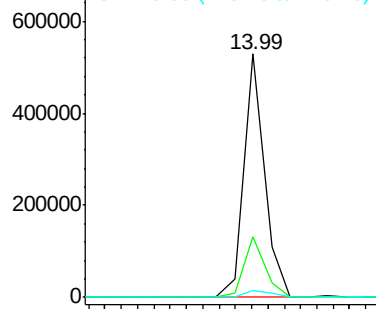
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	467902		
167	25.1	19.4	29.2	
279	2.6	1.5	2.3#	

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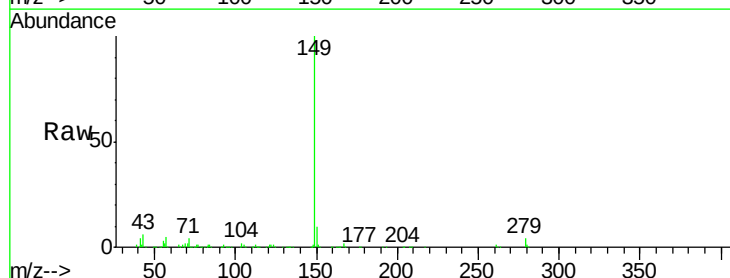


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

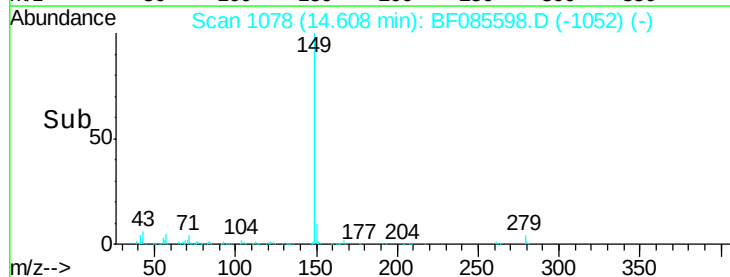
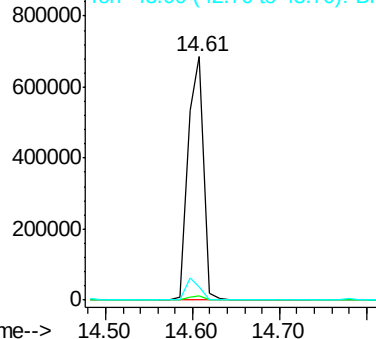


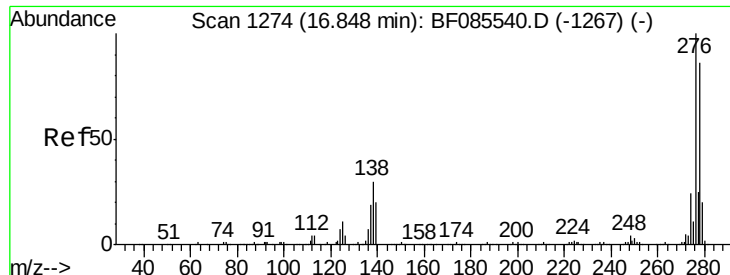
#84
 Di-n-octyl phthalate
 Concen: 49.60 ng
 RT: 14.61 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	861437		
167	1.4	1.2	1.8	
43	8.4	7.1	10.7	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





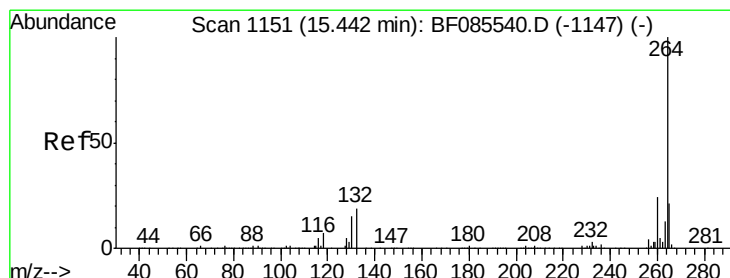
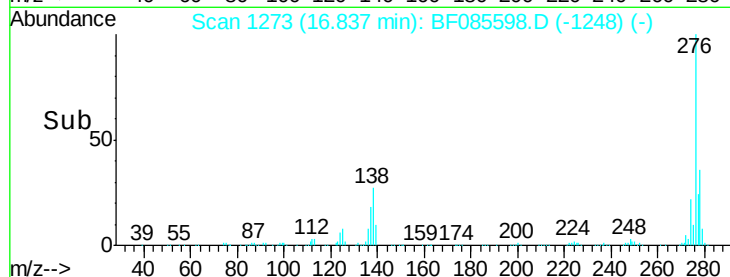
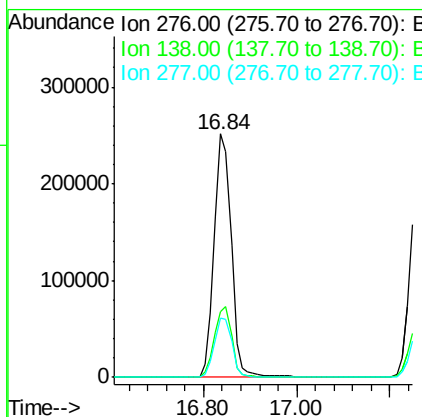
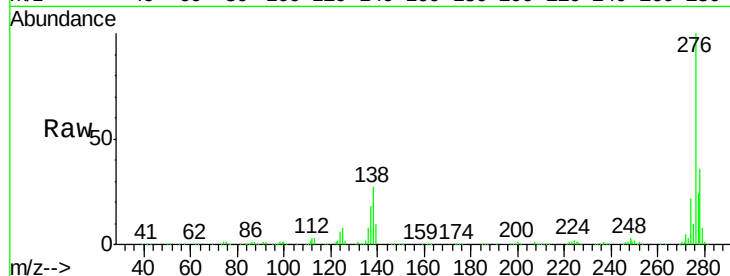
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.08 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	644296		
138	29.5		24.2	36.4
277	24.9		20.0	30.0

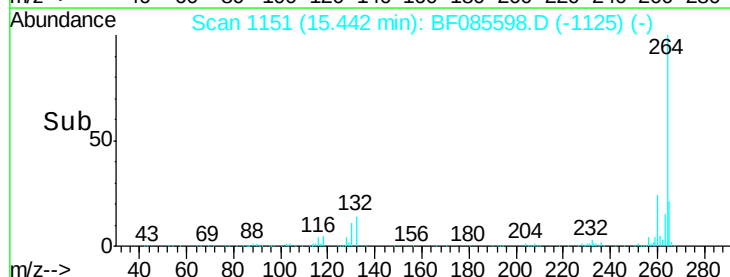
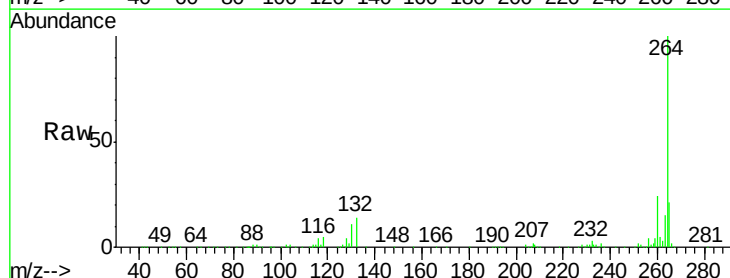
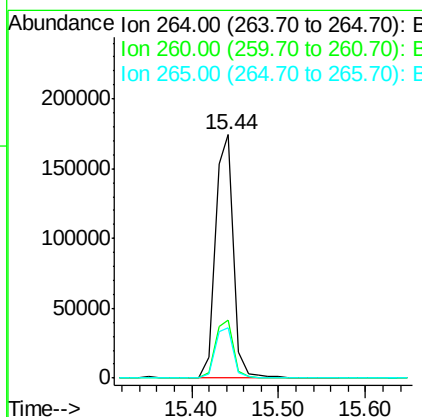
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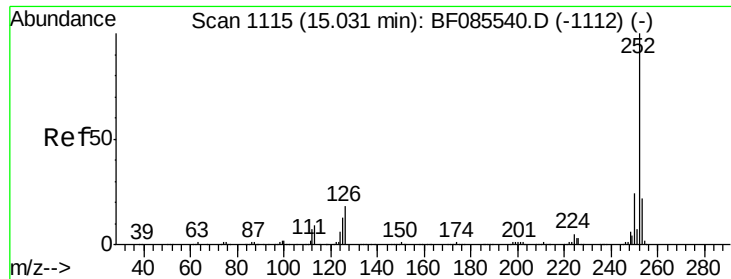
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	253970		
260	23.9		19.4	29.2
265	20.9		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.60 ng

RT: 15.03 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF085598.D

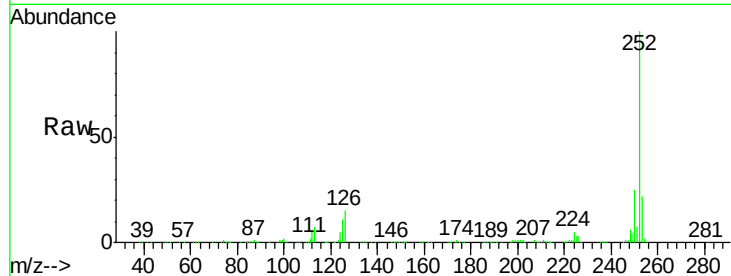
Acq: 20 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

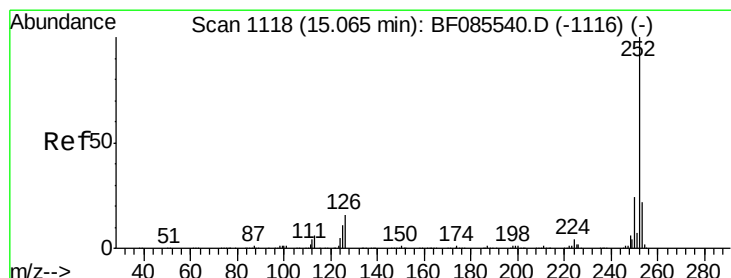
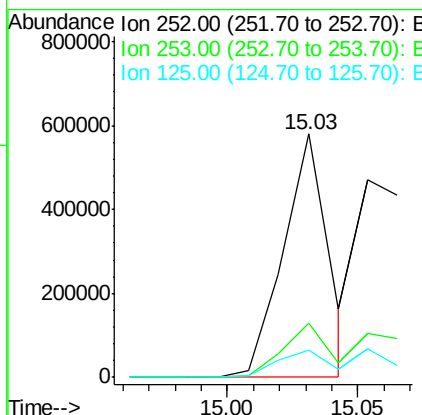
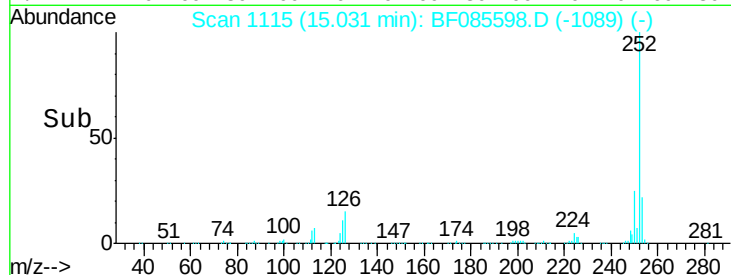
GRID-8A-(0-10)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	689366		
253	22.2	17.6	26.4	
125	11.2	10.3	15.5	

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#88

Benzo(k)fluoranthene

Concen: 47.18 ng m

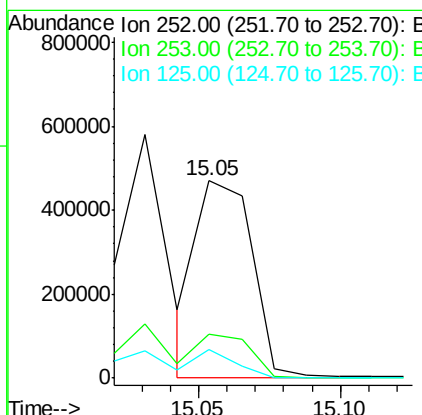
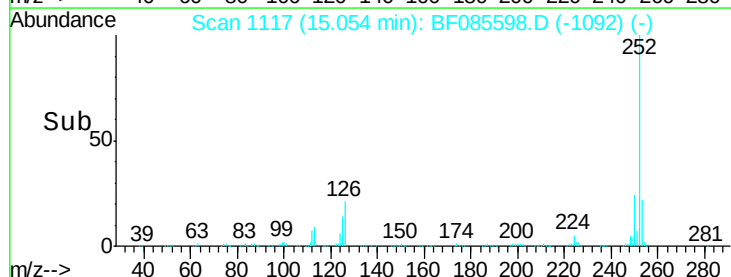
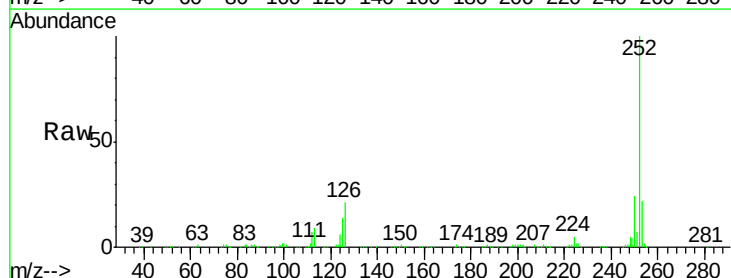
RT: 15.05 min Scan# 1117

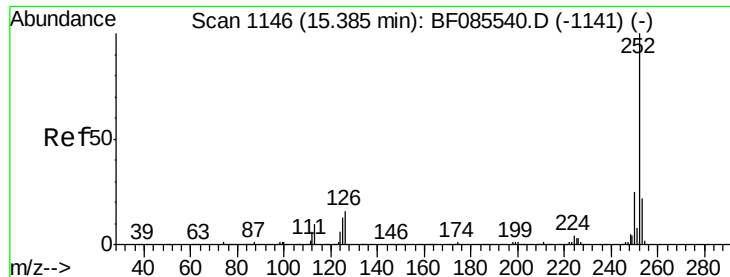
Delta R.T. -0.01 min

Lab File: BF085598.D

Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	644124		
253	22.4	17.8	26.6	
125	14.4	7.7	11.5	





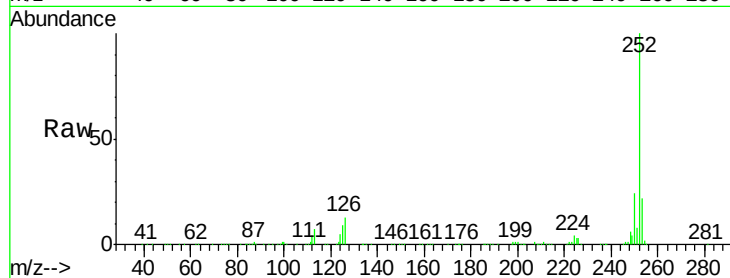
#89
Benzo(a)pyrene
Concen: 46.84 ng
RT: 15.39 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
GRID-8A-(0-10)MSD

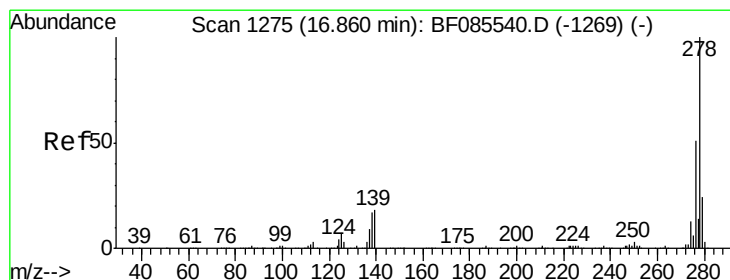
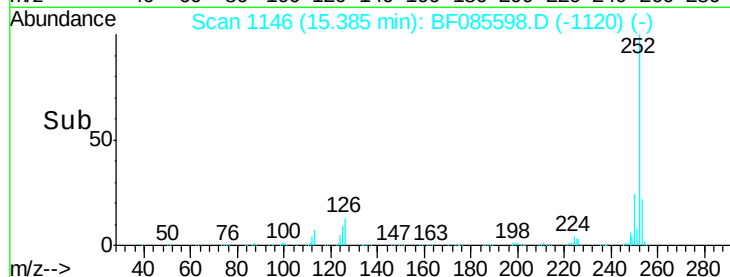
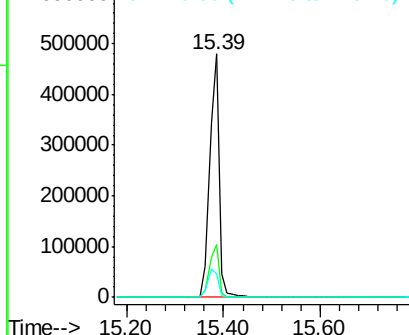
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.5	10.3	15.5

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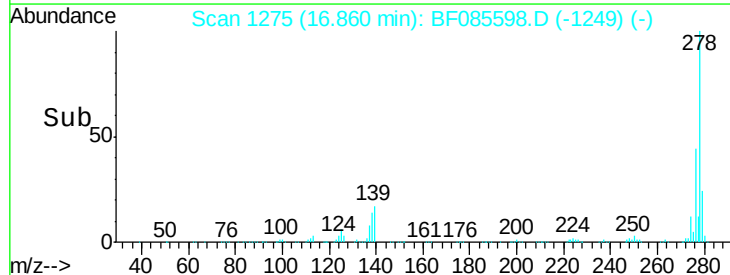
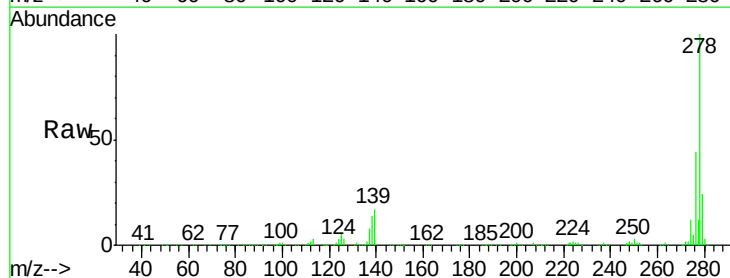
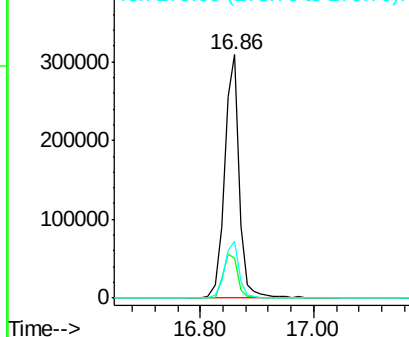
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

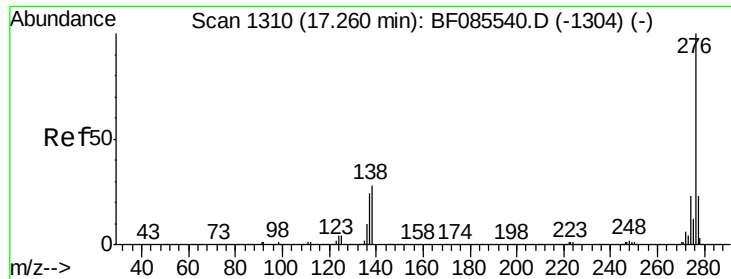


#90
Dibenzo(a,h)anthracene
Concen: 47.62 ng
RT: 16.86 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF085598.D
Acq: 20 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.4	21.6
279	23.5	19.1	28.7

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 43.89 ng
 RT: 17.26 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF085598.D
 Acq: 20 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8A-(0-10)MSD

Tgt Ion:	276	Resp:	497759
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.8	28.2
138	26.6	22.6	34.0

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