

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085731.D
 Acq On : 24 Mar 2016 23:30
 Operator : UM/SJ
 Sample : H1864-15MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1MSD

Manual Integrations
 APPROVED

Sohil
 3/25/2016 3:04:33 PM

Quant Time: Mar 25 02:23:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	109666	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	439067	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	207016	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	397120	20.00	ng	0.00
75) Chrysene-d12	13.98	240	234307	20.00	ng	0.00
86) Perylene-d12	15.40	264	193876	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	467130	70.94	ng	0.01
7) Phenol-d6	6.46	99	397764	47.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	700914	89.90	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	297727	151.37	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	1121884	90.54	ng	0.00
78) Terphenyl-d14	12.93	244	977170	85.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	58676	18.66	ng	98
3) Pyridine	3.19	79	115402	15.31	ng	99
4) n-Nitrosodimethylamine	3.10	42	61203	20.28	ng	99
6) Aniline	6.48	93	261926	23.24	ng	# 85
8) 2-Chlorophenol	6.61	128	281250	36.76	ng	94
9) Benzaldehyde	6.37	77	48404	9.60	ng	92
10) Phenol	6.47	94	159125	16.78	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	312982	42.88	ng	99
12) 1,3-Dichlorobenzene	6.77	146	287366	34.88	ng	99
13) 1,4-Dichlorobenzene	6.85	146	283117m	33.88	ng	
14) 1,2-Dichlorobenzene	7.00	146	292906	37.62	ng	99
15) Benzyl Alcohol	6.97	79	191219	34.23	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	390439	40.31	ng	96
17) 2-Methylphenol	7.09	107	201595	32.91	ng	99
18) Hexachloroethane	7.34	117	107391	35.10	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	235921	47.06	ng	97
20) 3+4-Methylphenols	7.25	107	222015	30.15	ng	# 78
22) Acetophenone	7.24	105	418891	40.95	ng	94
24) Nitrobenzene	7.41	77	319868	39.80	ng	97
25) Isophorone	7.66	82	641992	42.74	ng	# 91
26) 2-Nitrophenol	7.73	139	162682	40.46	ng	# 88
27) 2,4-Dimethylphenol	7.77	122	294937	41.96	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	391523	45.75	ng	99
29) 2,4-Dichlorophenol	7.98	162	250641	42.42	ng	92
30) 1,2,4-Trichlorobenzene	8.06	180	257122	39.20	ng	94
31) Naphthalene	8.14	128	888177	40.15	ng	98
32) Benzoic acid	7.89	122	74771	16.02	ng	90
33) 4-Chloroaniline	8.18	127	197328	21.85	ng	96
34) Hexachlorobutadiene	8.25	225	128682	36.10	ng	99
35) Caprolactam	8.66	113	31279	14.95	ng	# 42
36) 4-Chloro-3-methylphenol	8.66	107	265214	38.43	ng	94
37) 2-Methylnaphthalene	8.82	142	599923	47.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	258007	42.03	ng	100
40) Hexachlorocyclopentadiene	8.97	237	165053	66.29	ng	99

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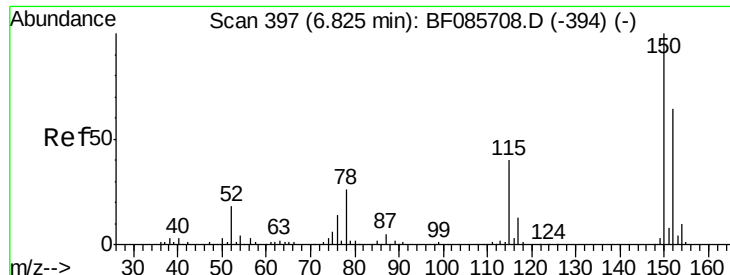
Manual Integrations
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Quant Time: Mar 25 02:23:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	184324	44.46	ng	97
43) 2,4,5-Trichlorophenol	9.16	196	195338	44.92	ng #	94
45) 1,1'-Biphenyl	9.29	154	741980	42.48	ng	95
46) 2-Chloronaphthalene	9.32	162	575134	44.78	ng	96
47) 2-Nitroaniline	9.42	65	176166	44.85	ng #	70
48) Acenaphthylene	9.73	152	860819	41.13	ng	100
49) Dimethylphthalate	9.60	163	731619	46.58	ng	98
50) 2,6-Dinitrotoluene	9.66	165	165293	48.89	ng #	79
51) Acenaphthene	9.90	154	500197	39.13	ng	99
52) 3-Nitroaniline	9.83	138	88598	22.89	ng #	75
53) 2,4-Dinitrophenol	9.93	184	142236	83.03	ng	94
54) Dibenzofuran	10.07	168	714353	43.17	ng	96
55) 4-Nitrophenol	10.00	139	87928	34.88	ng	89
56) 2,4-Dinitrotoluene	10.06	165	180058	41.90	ng #	53
57) Fluorene	10.41	166	565888	41.14	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	158013	52.29	ng #	97
59) Diethylphthalate	10.29	149	695454	44.82	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	266943	39.69	ng	93
61) 4-Nitroaniline	10.44	138	132524	35.81	ng	84
62) Azobenzene	10.56	77	685049	45.94	ng	97
64) 4,6-Dinitro-2-methylphenol	10.47	198	103578	44.54	ng	83
65) n-Nitrosodiphenylamine	10.53	169	521204	41.44	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	173164	42.62	ng	95
67) Hexachlorobenzene	10.96	284	190865	44.92	ng #	91
68) Atrazine	11.08	200	163440	38.49	ng	95
69) Pentachlorophenol	11.16	266	198979	95.39	ng	99
70) Phenanthrene	11.37	178	864261	42.39	ng	100
71) Anthracene	11.43	178	956639	44.69	ng	99
72) Carbazole	11.58	167	743175	41.35	ng	99
73) Di-n-butylphthalate	11.91	149	972571	39.44	ng	99
74) Fluoranthene	12.56	202	923021	42.59	ng	91
77) Pyrene	12.79	202	933103	48.45	ng	100
79) Butylbenzylphthalate	13.41	149	392685	48.69	ng	96
80) Benzo(a)anthracene	13.97	228	599713	44.89	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	22790	2.46	ng	99
82) Chrysene	14.00	228	559444	41.57	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	457660	47.39	ng	99
84) Di-n-octyl phthalate	14.57	149	740282	51.55	ng	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	556690	53.57	ng	99
87) Benzo(b)fluoranthene	15.00	252	538310m	44.07	ng	
88) Benzo(k)fluoranthene	15.02	252	450380m	40.90	ng	
89) Benzo(a)pyrene	15.34	252	478048	44.08	ng	99
90) Dibenzo(a,h)anthracene	16.79	278	463602	46.01	ng	96
91) Benzo(g,h,i)perylene	17.20	276	475145	46.57	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085731.D

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Instrument :

BNA_F

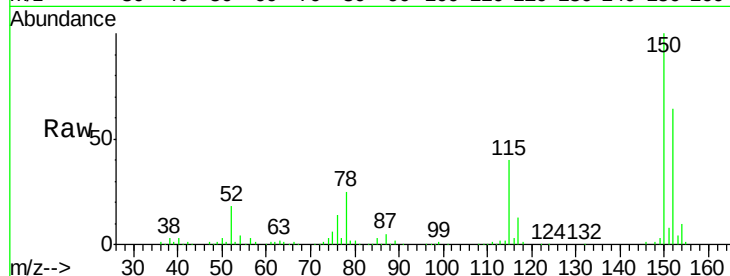
ClientSampleId :

PZ-1MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.2	186.2
115	63.3	47.0	70.6

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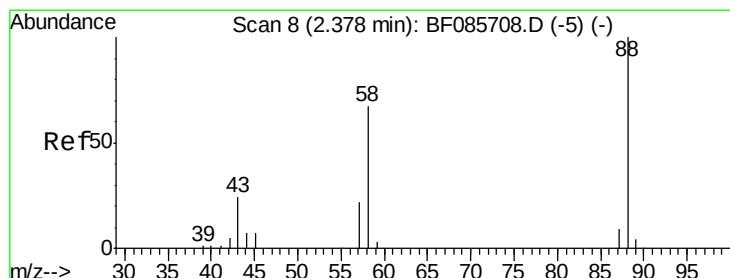
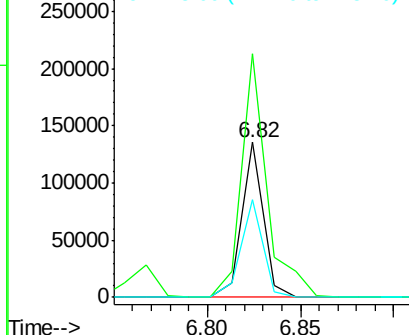
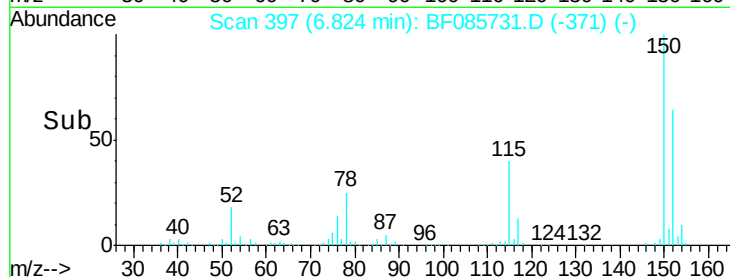
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 18.66 ng

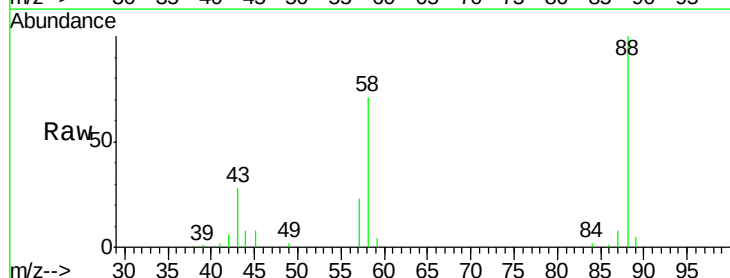
RT: 2.44 min Scan# 13

Delta R.T. 0.06 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

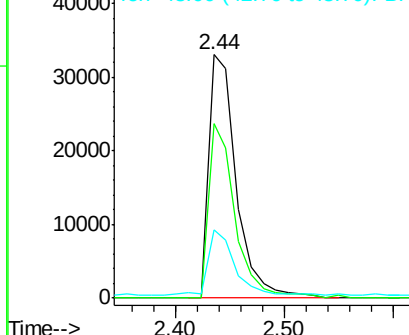
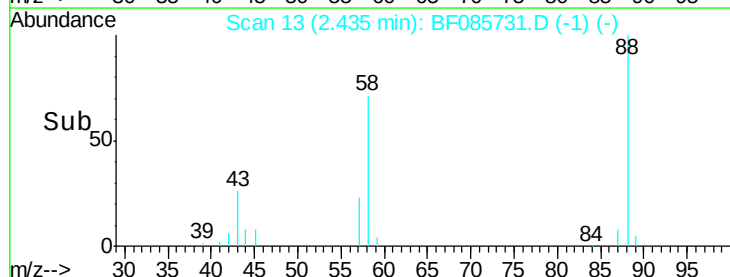
Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	54.2	81.2
43	25.6	19.3	28.9

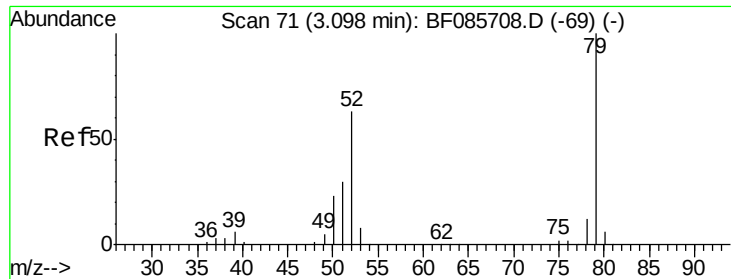


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 15.31 ng

RT: 3.19 min Scan# 79

Delta R.T. 0.09 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

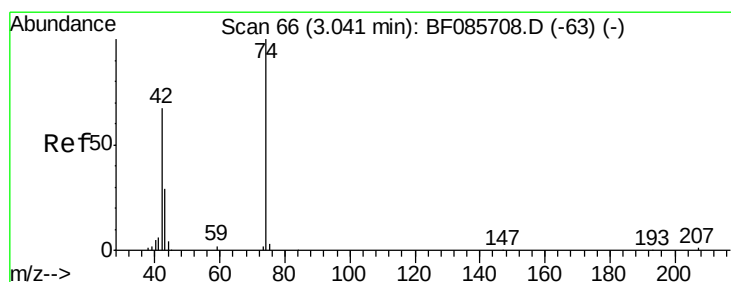
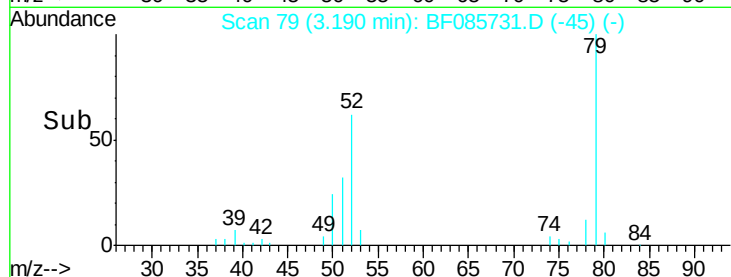
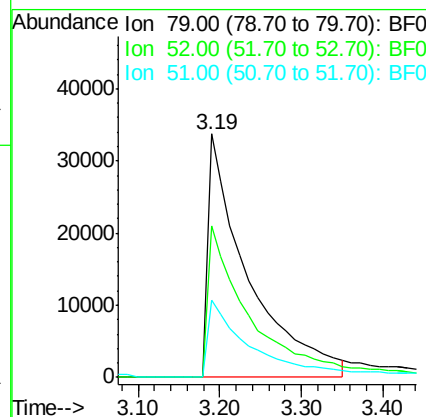
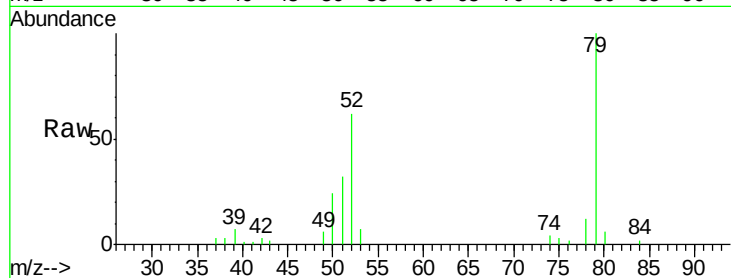
ClientSampled :

PZ-1MSD

Tgt Ion:	79	Resp:	115402
Ion	Ratio	Lower	Upper
79	100		
52	62.4	49.8	74.6
51	31.8	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 20.28 ng

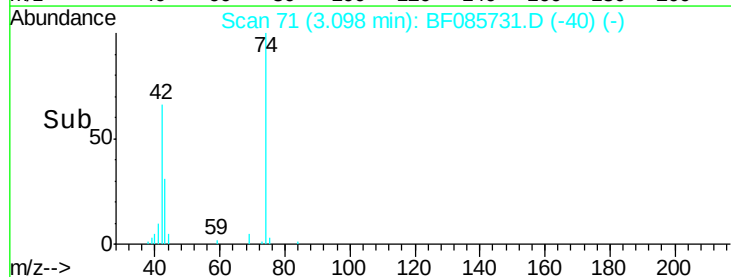
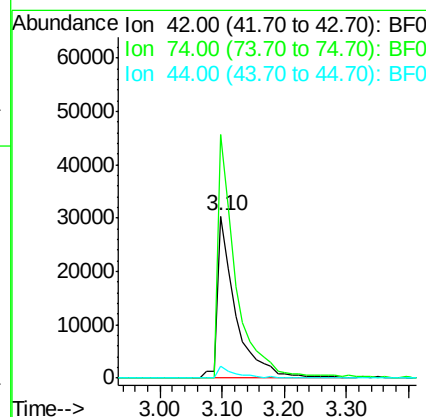
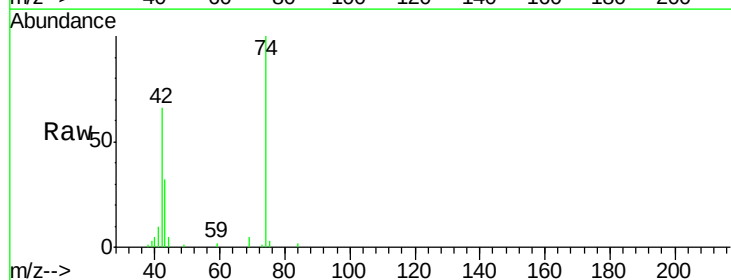
RT: 3.10 min Scan# 71

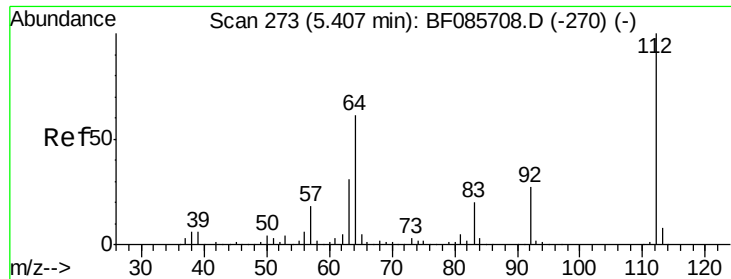
Delta R.T. 0.06 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Tgt Ion:	42	Resp:	61203
Ion	Ratio	Lower	Upper
42	100		
74	150.4	121.4	182.2
44	7.5	5.6	8.4





#5

2-Fluorophenol

Concen: 70.94 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

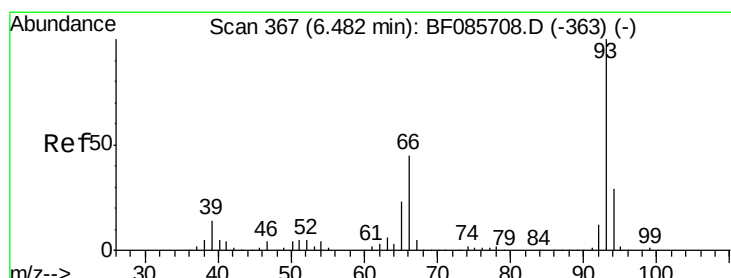
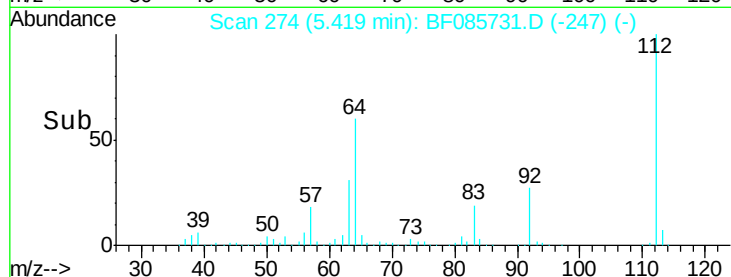
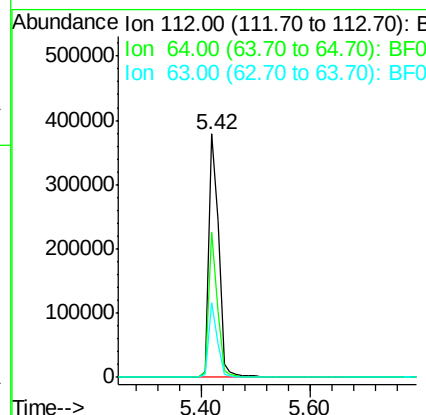
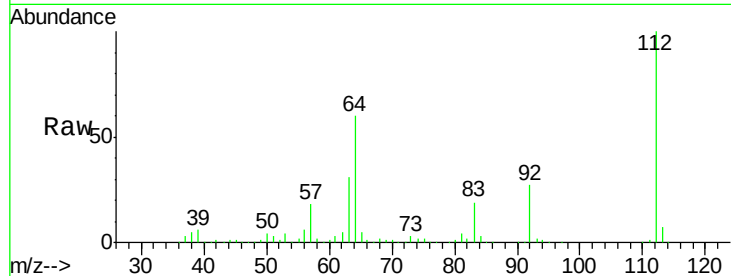
ClientSampled :

PZ-1MSD

Tgt Ion:	112	Resp:	467130
Ion Ratio		Lower	Upper
112	100		
64	59.6	39.9	59.9
63	30.6	20.2	30.2#

Manual Integrations
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#6

Aniline

Concen: 23.24 ng

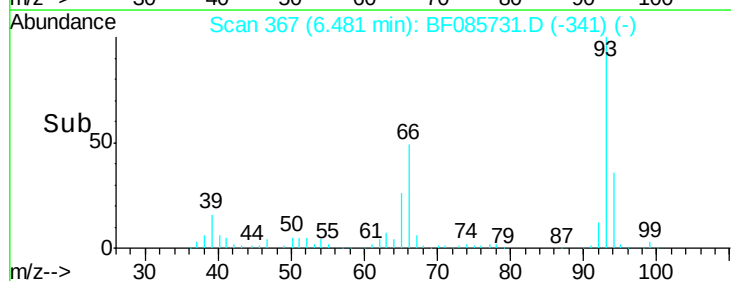
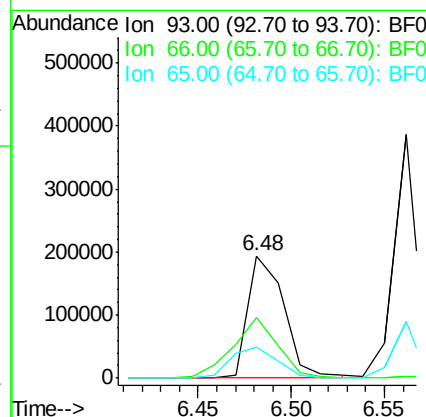
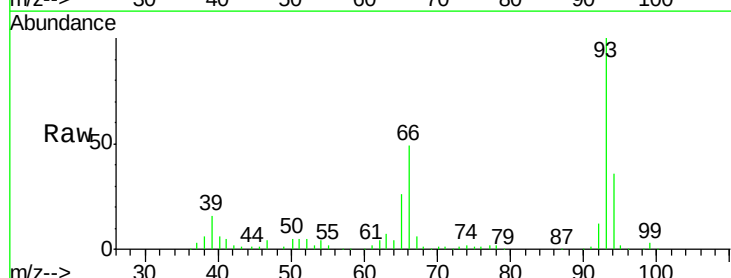
RT: 6.48 min Scan# 367

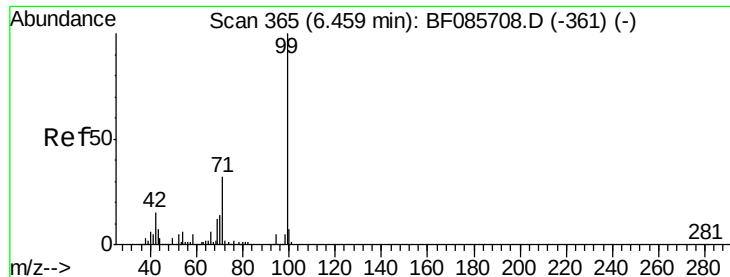
Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Tgt Ion:	93	Resp:	261926
Ion Ratio		Lower	Upper
93	100		
66	49.0	31.4	47.2#
65	25.9	15.7	23.5#





#7

Phenol-d6

Concen: 47.51 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

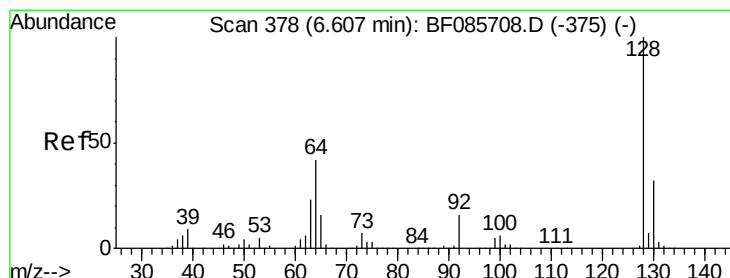
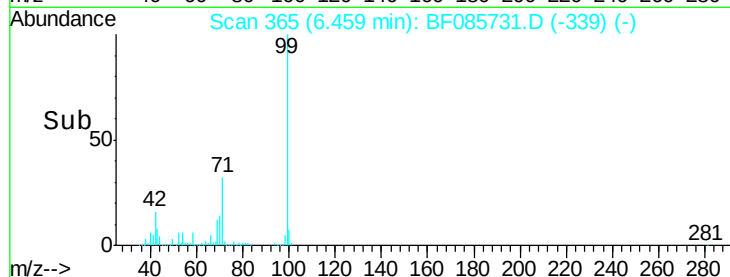
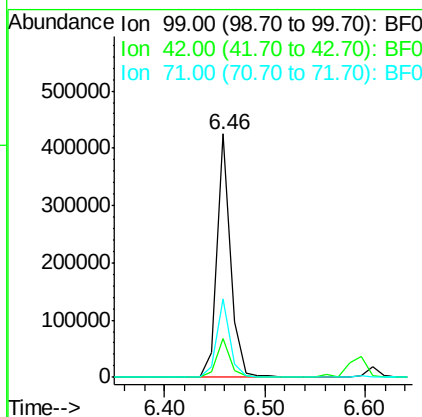
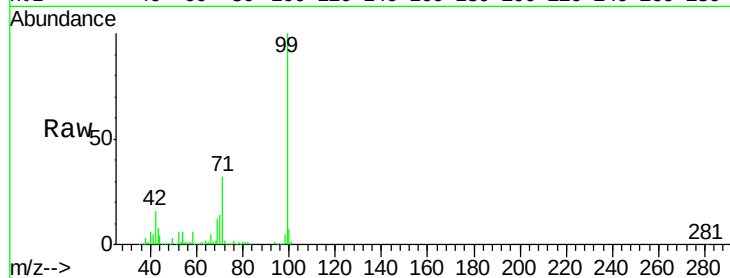
ClientSampled :

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Tgt Ion:	99	Resp:	397764
Ion Ratio	Lower	Upper	
99	100		
42	16.2	11.1	16.7
71	32.3	24.9	37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.76 ng

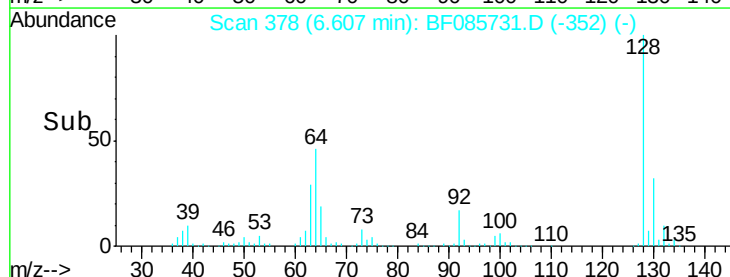
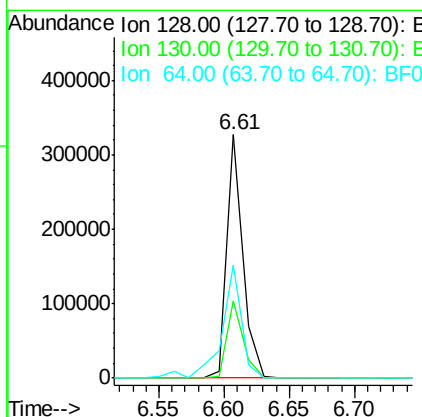
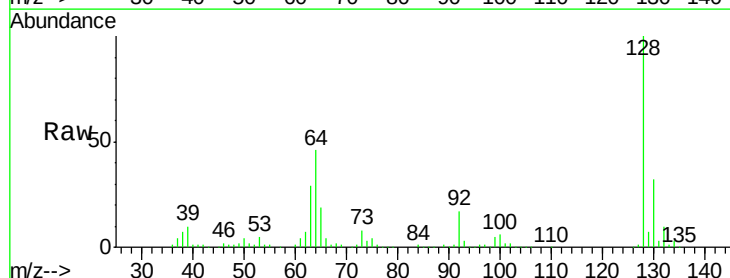
RT: 6.61 min Scan# 378

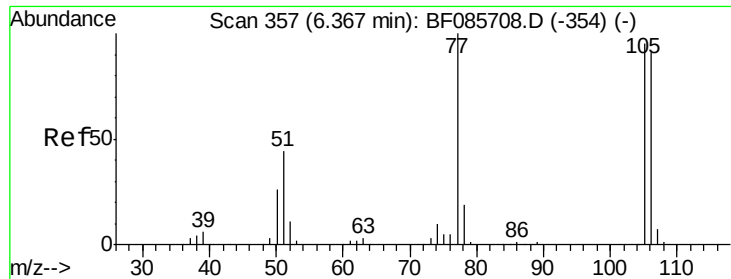
Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Tgt Ion:	128	Resp:	281250
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.9	52.9
64	46.3	20.2	60.2





#9

Benzaldehyde

Concen: 9.60 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

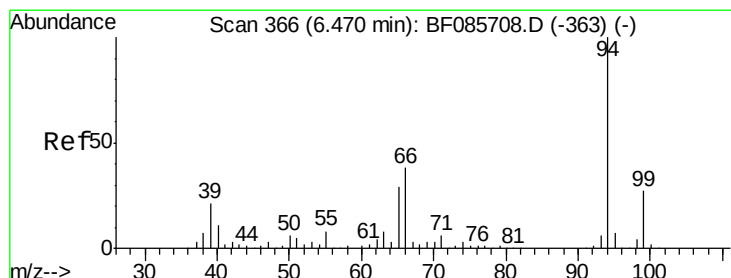
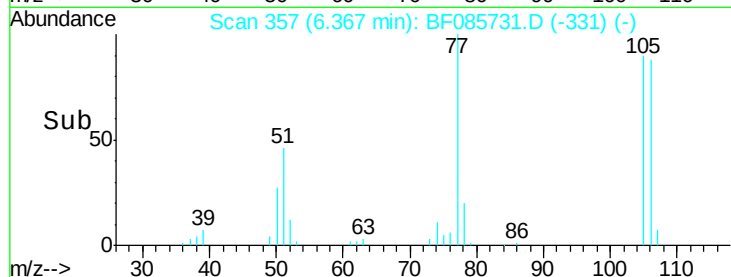
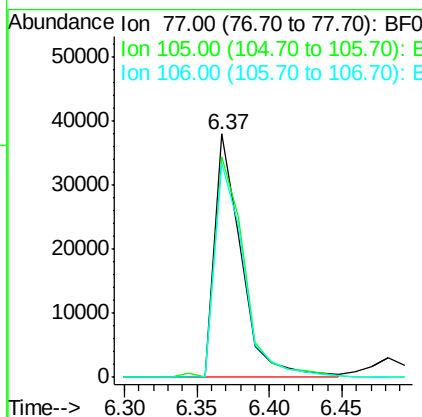
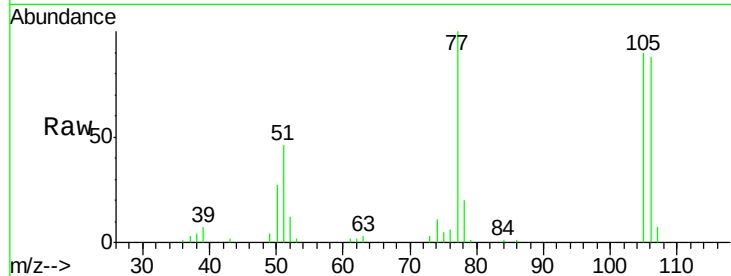
ClientSampled :

PZ-1MSD

Tgt Ion:	77	Resp:	48404
Ion	Ratio	Lower	Upper
77	100		
105	90.4	80.1	120.1
106	88.1	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 16.78 ng

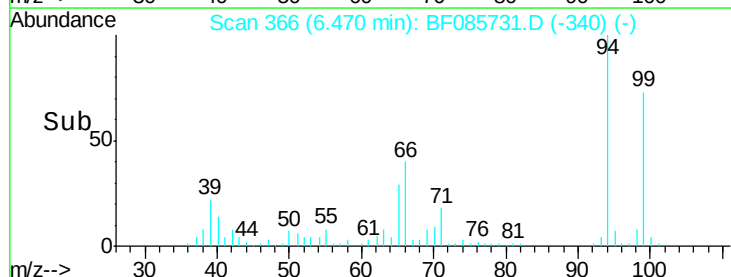
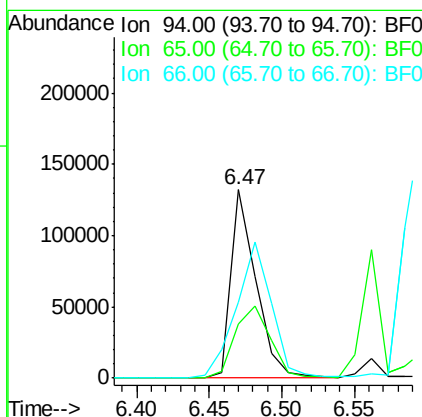
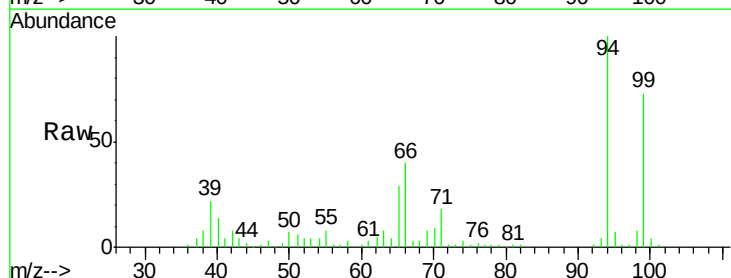
RT: 6.47 min Scan# 366

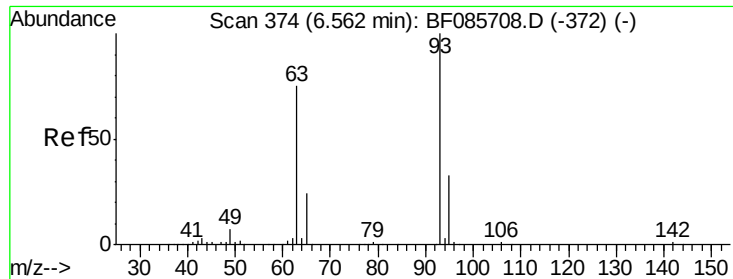
Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Tgt Ion:	94	Resp:	159125
Ion	Ratio	Lower	Upper
94	100		
65	29.0	8.6	48.6
66	40.2	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 42.88 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

ClientSampled :

PZ-1MSD

Tgt Ion: 93 Resp: 312982
Ion Ratio Lower Upper

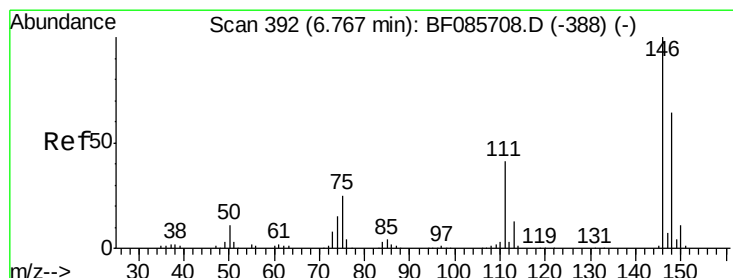
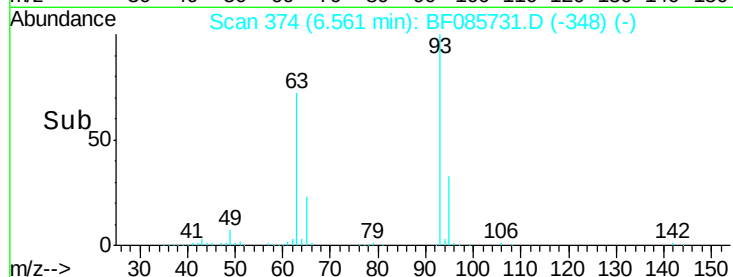
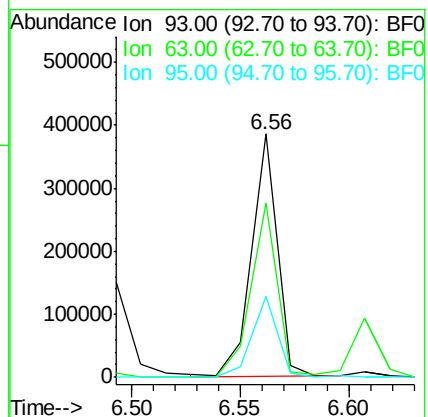
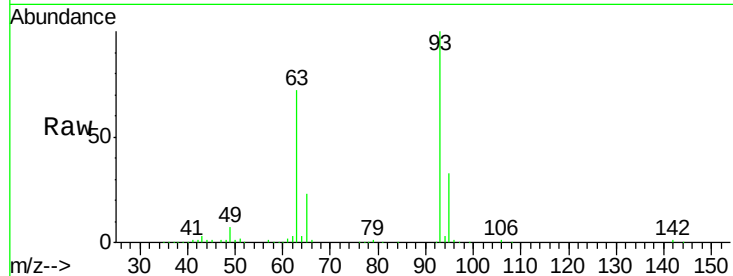
93 100

63 71.6 50.9 90.9

95 33.0 13.3 53.3

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#12

1,3-Dichlorobenzene

Concen: 34.88 ng

RT: 6.77 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF085731.D

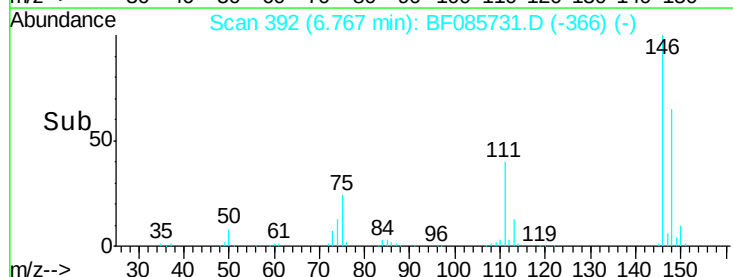
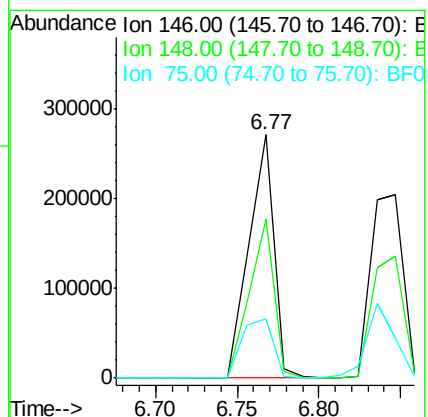
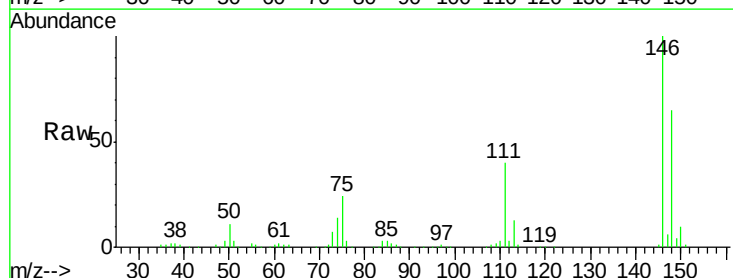
Acq: 24 Mar 2016 23:30

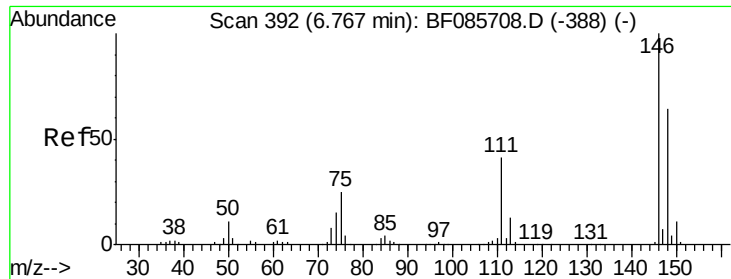
Tgt Ion: 146 Resp: 287366
Ion Ratio Lower Upper

146 100

148 65.3 52.3 78.5

75 24.2 17.4 26.2





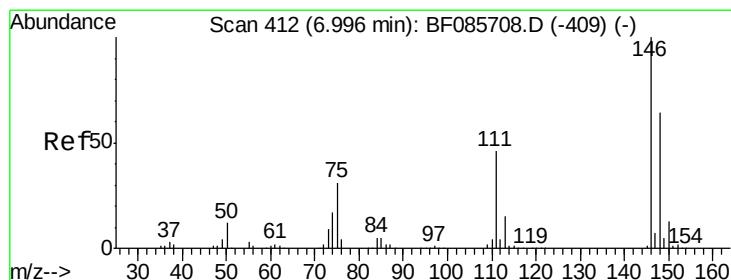
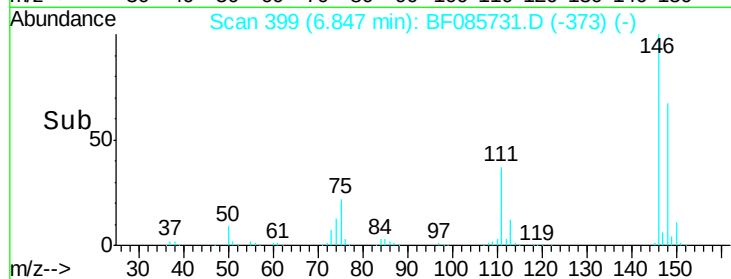
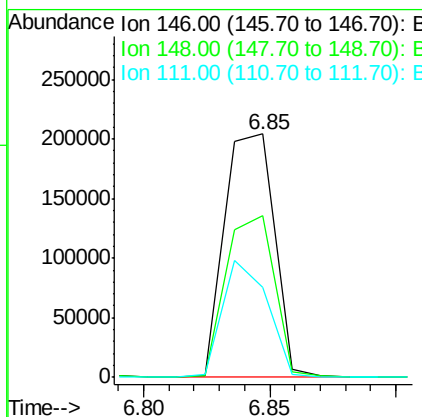
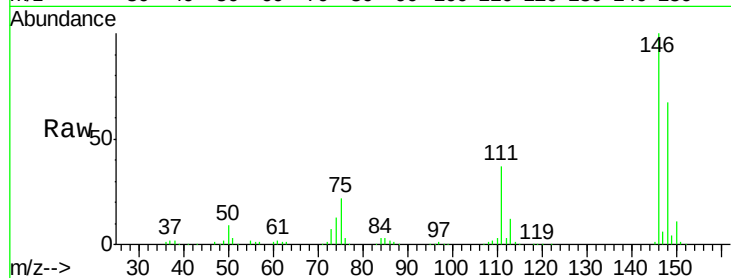
#13
 1,4-Dichlorobenzene
 Concen: 33.88 ng m
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Instrument :
 BNA_F
 ClientSampled :
 PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	283117		
148	66.7	50.6	76.0	
111	36.8	37.8	56.6#	

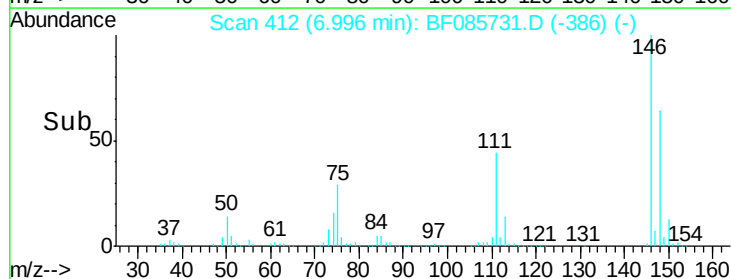
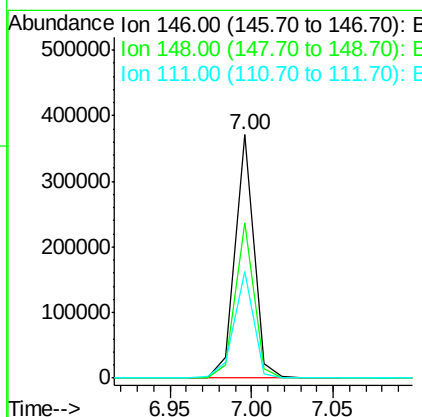
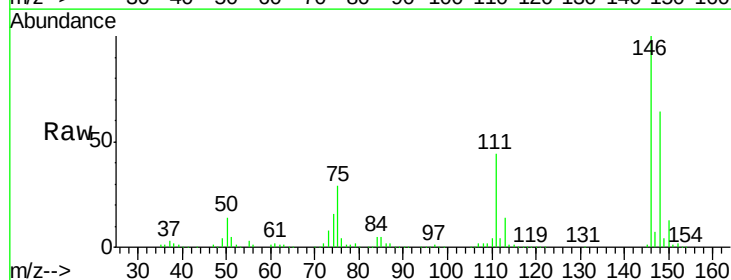
Manual Integrations
 APPROVED

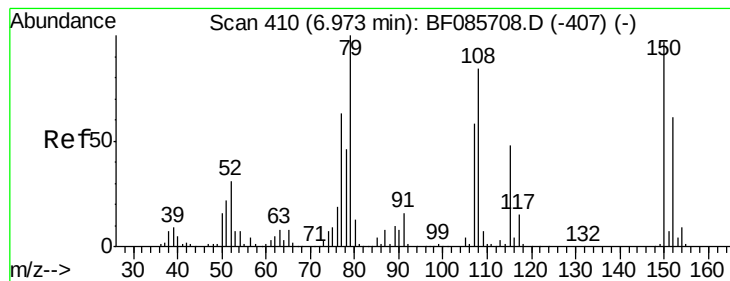
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 37.62 ng
 RT: 7.00 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	292906		
148	63.7	51.4	77.2	
111	43.6	34.6	52.0	





#15

Benzyl Alcohol

Concen: 34.23 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

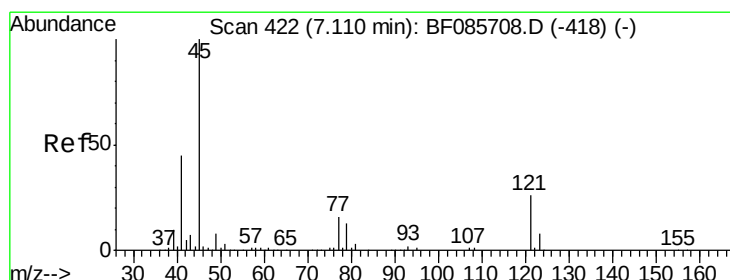
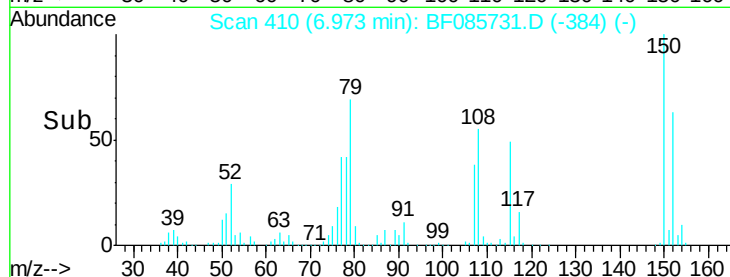
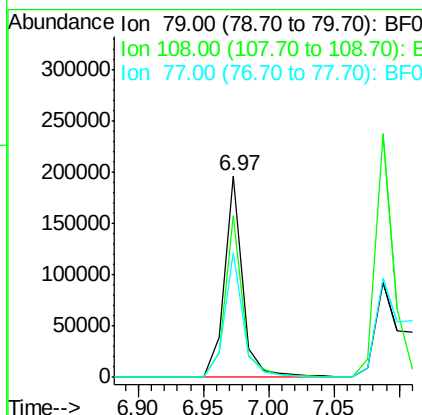
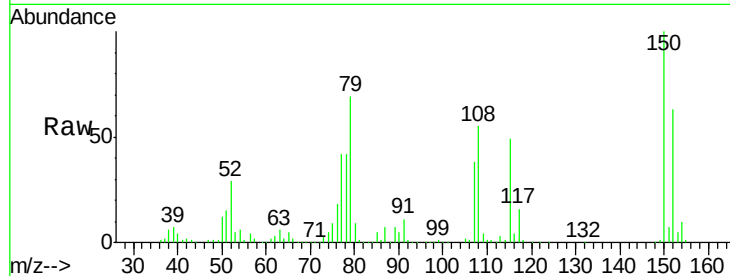
ClientSampleId :

PZ-1MSD

Tgt Ion:	79	Resp:	191219
Ion Ratio	Lower	Upper	
79	100		
108	80.2	61.8	92.6
77	61.6	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.31 ng

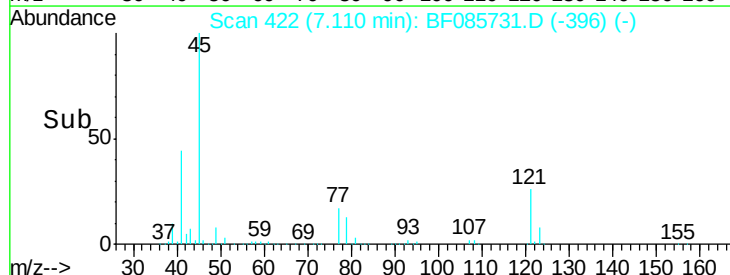
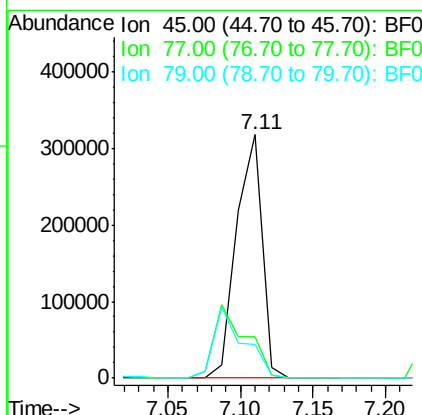
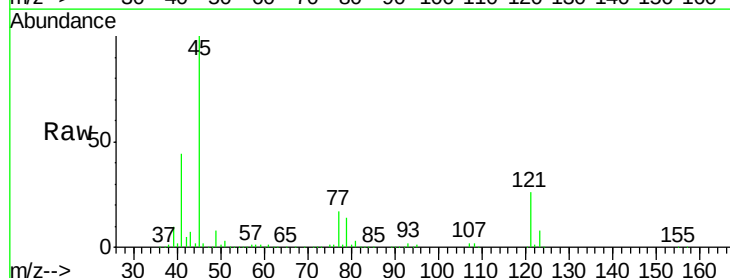
RT: 7.11 min Scan# 422

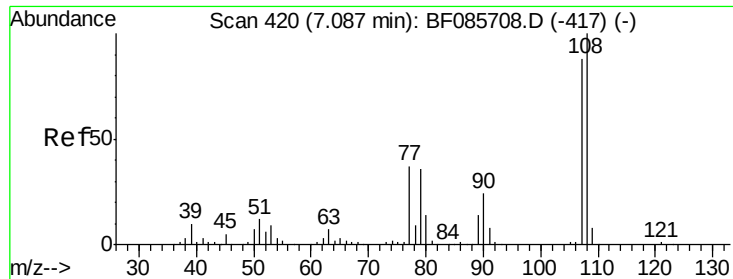
Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Tgt Ion:	45	Resp:	390439
Ion Ratio	Lower	Upper	
45	100		
77	17.2	0.0	35.7
79	13.7	0.0	32.2





#17

2-Methylphenol

Concen: 32.91 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

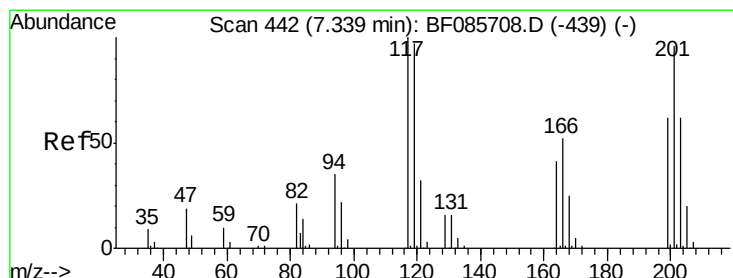
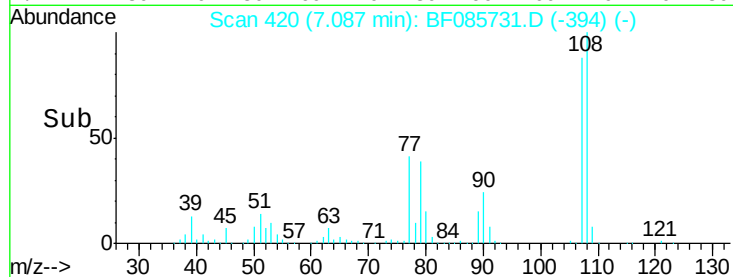
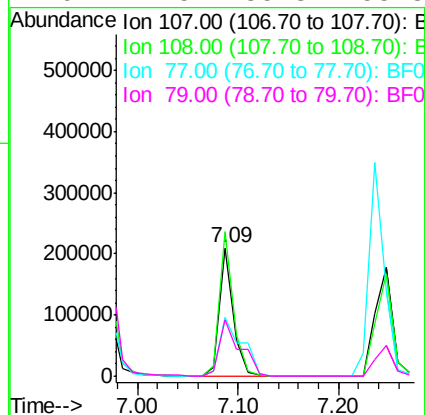
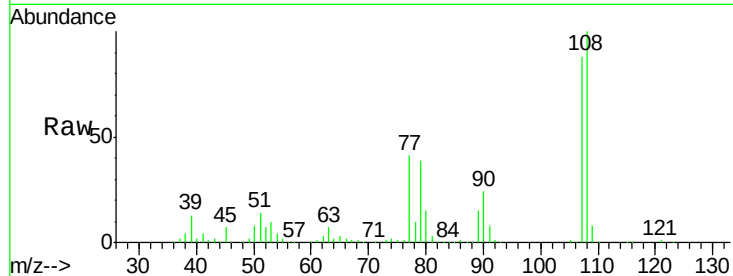
ClientSampled :

PZ-1MSD

Tgt Ion:	107	Resp:	201595
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.4	137.0
77	45.9	36.2	54.2
79	44.5	35.8	53.8

Manual Integrations
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#18

Hexachloroethane

Concen: 35.10 ng

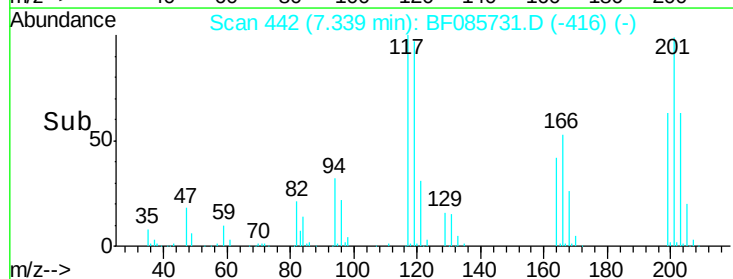
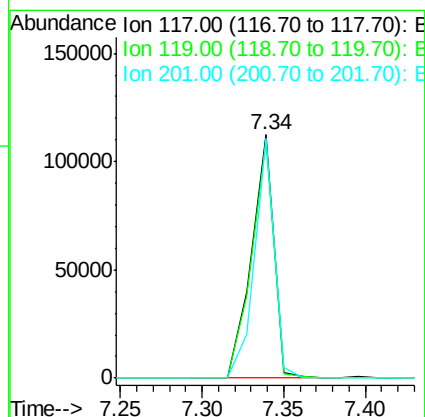
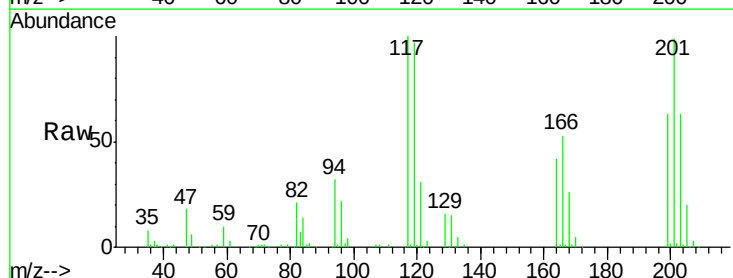
RT: 7.34 min Scan# 442

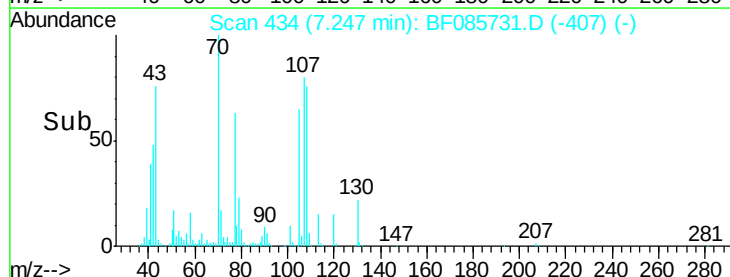
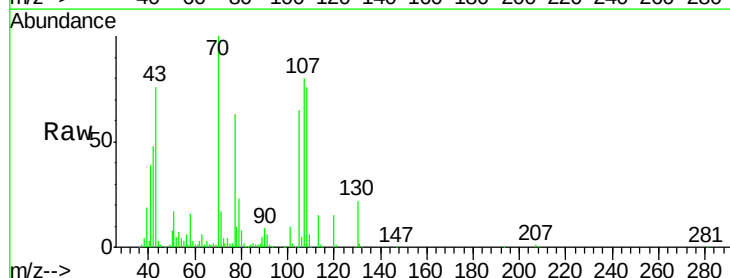
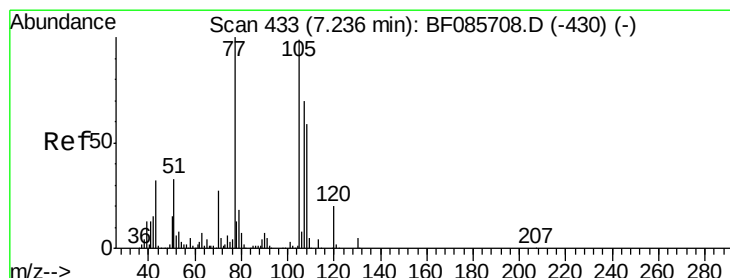
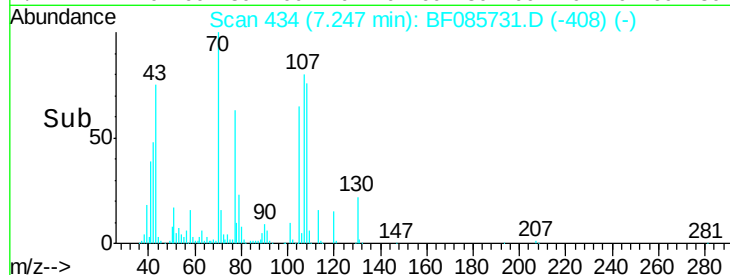
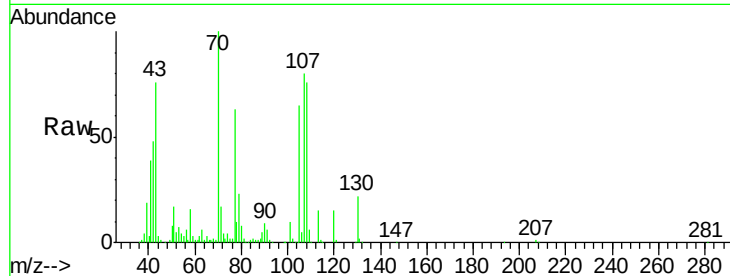
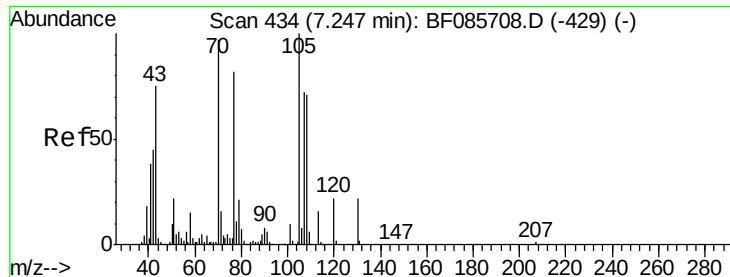
Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Tgt Ion:	117	Resp:	107391
Ion Ratio	Lower	Upper	
117	100		
119	97.2	76.7	115.1
201	98.5	83.3	124.9





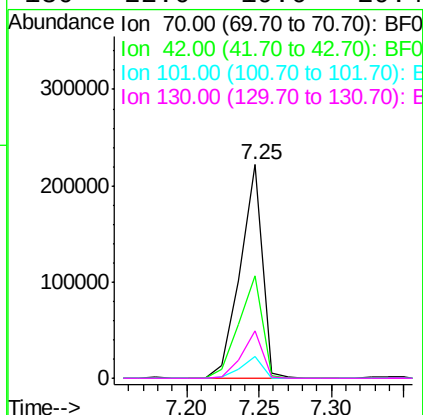
#19
n-Nitroso-di-n-propylamine
Concen: 47.06 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Instrument :
BNA_F
ClientSampleId :
PZ-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	47.7	37.1	55.7
101	10.2	8.6	12.8
130	22.0	19.6	29.4

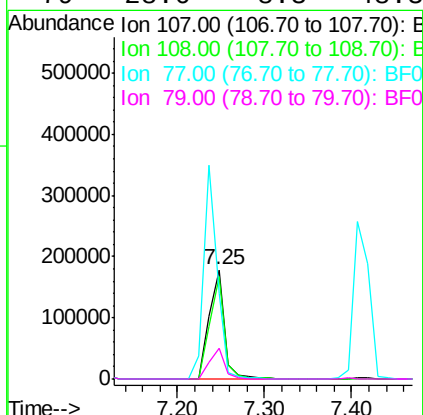
Manual Integrations
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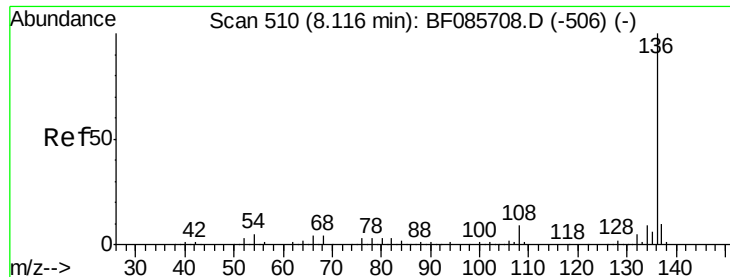
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#20
3+4-Methylphenols
Concen: 30.15 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	94.5	69.3	109.3
77	78.6	101.7	141.7#
79	28.6	8.3	48.3





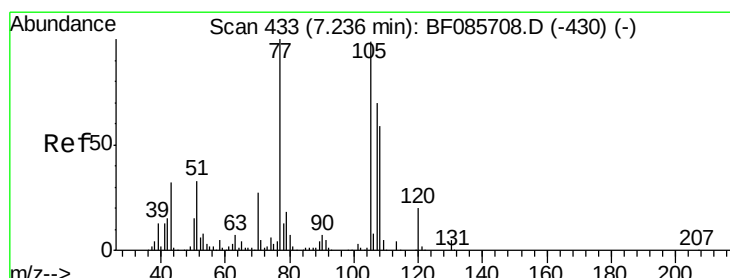
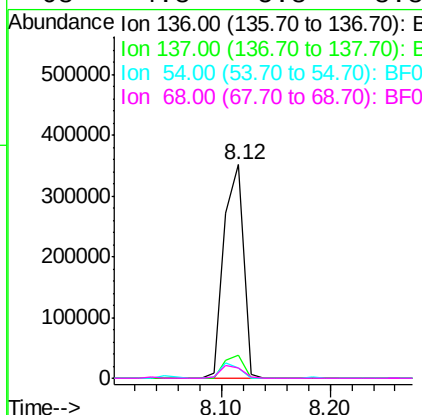
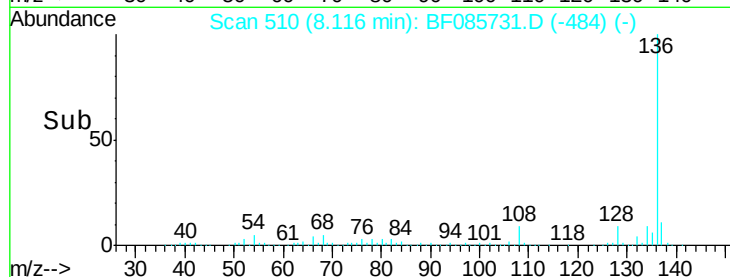
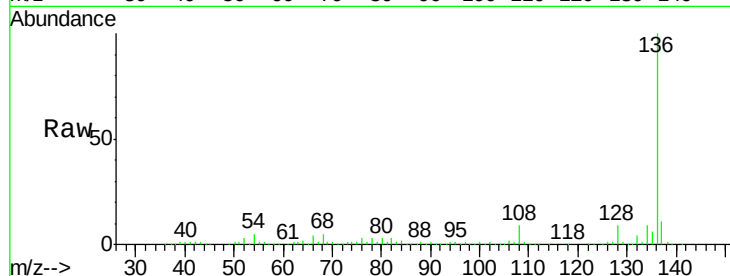
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Instrument :
BNA_F
ClientSampled :
PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	439067		
137	10.6	9.1	13.7	
54	4.9	7.4	11.0	
68	4.8	5.8	8.8	

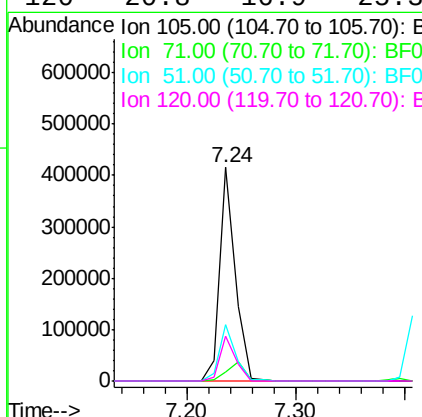
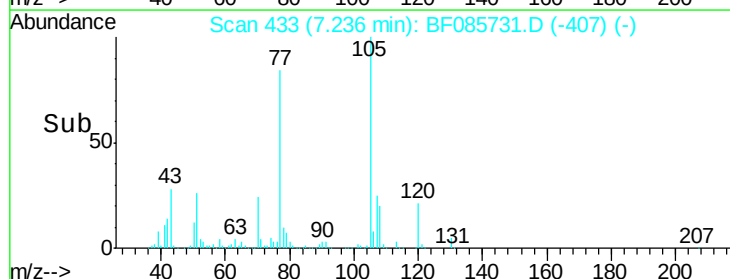
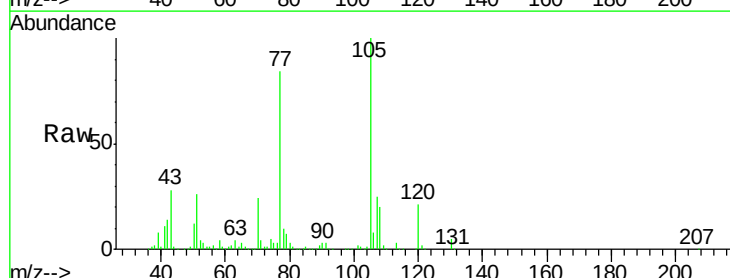
Manual Integrations
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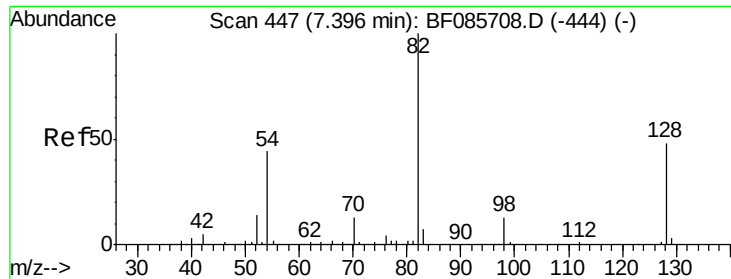
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#22
Acetophenone
Concen: 40.95 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	418891		
71	4.1	3.6	5.4	
51	26.5	25.4	38.0	
120	20.8	16.9	25.3	





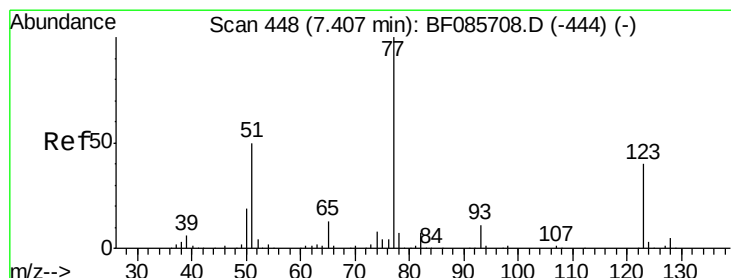
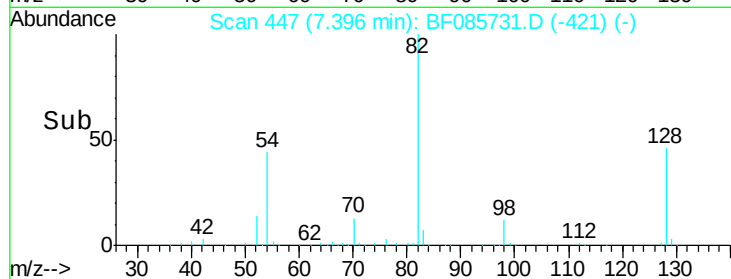
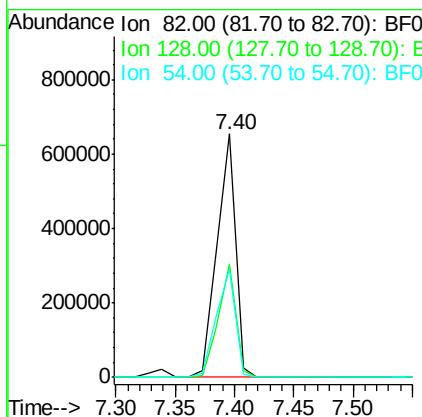
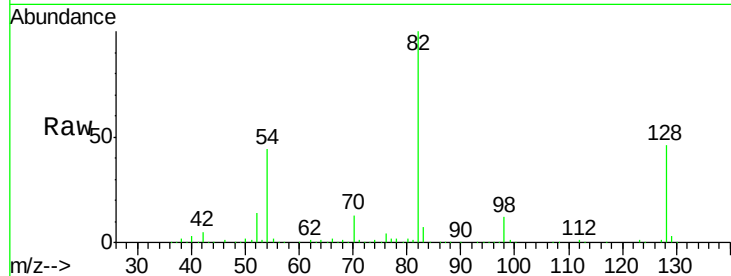
#23
 Nitrobenzene-d5
 Concen: 89.90 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Instrument :
 BNA_F
 ClientSampled :
 PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	700914		
128	46.2	41.8	62.8	
54	44.3	33.4	50.0	

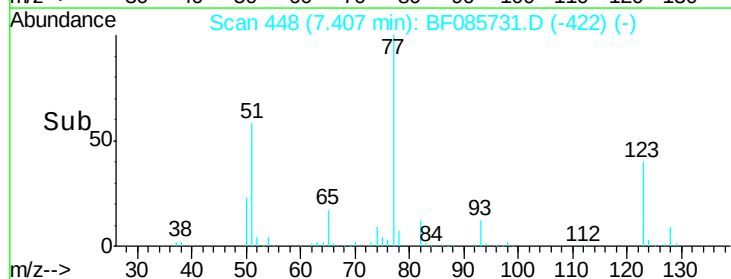
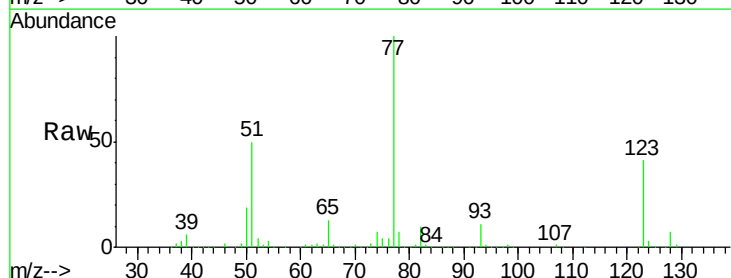
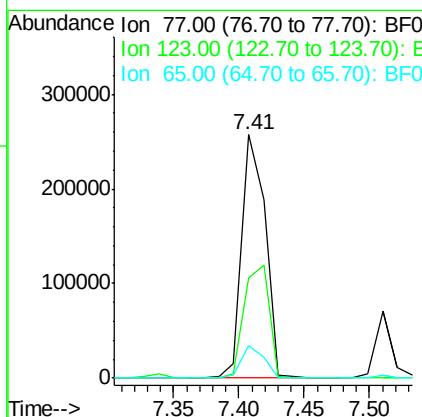
Manual Integrations
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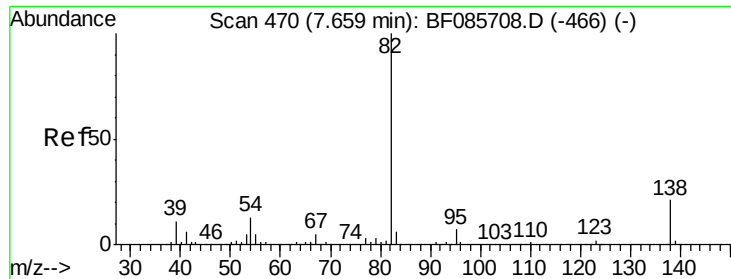
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 3/25/2016 3:04:33 PM



#24
 Nitrobenzene
 Concen: 39.80 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	319868		
123	41.4	35.0	52.4	
65	13.3	10.6	16.0	





#25

Isophorone

Concen: 42.74 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

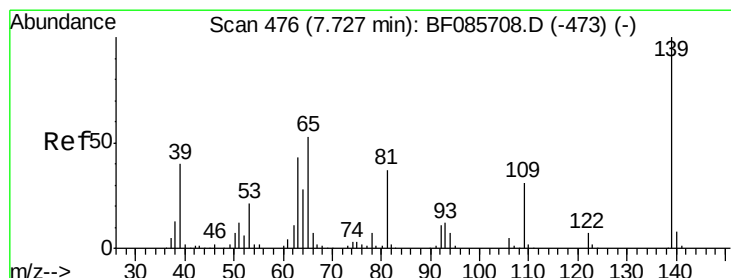
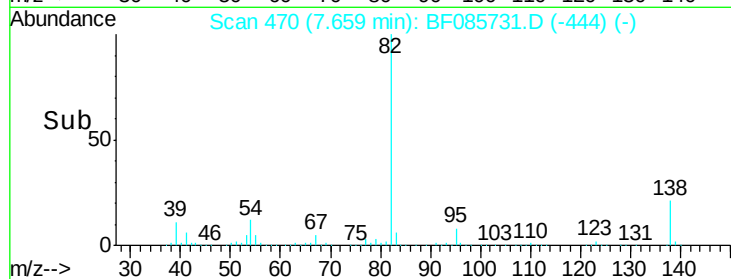
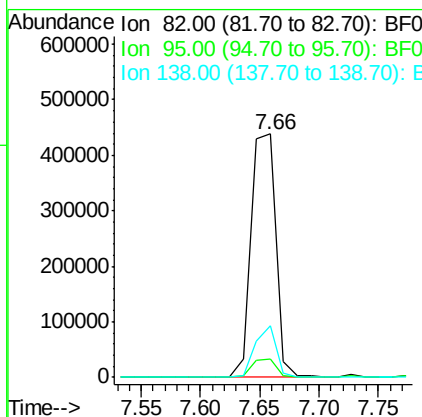
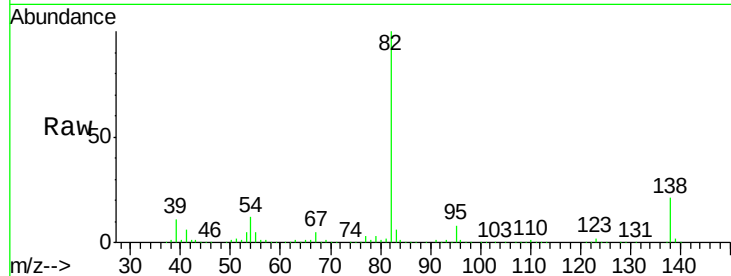
ClientSampleId :

PZ-1MSD

Tgt Ion:	82	Resp:	641992
Ion Ratio		Lower	Upper
82	100		
95	7.6	5.4	8.2
138	21.2	12.9	19.3#

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.46 ng

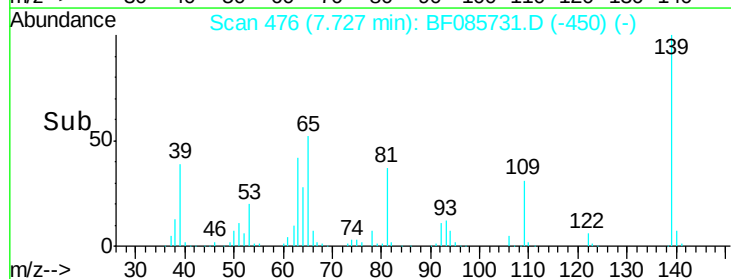
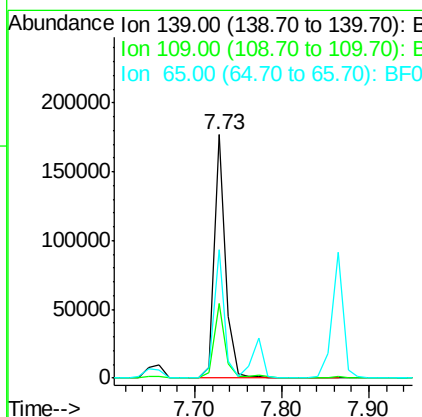
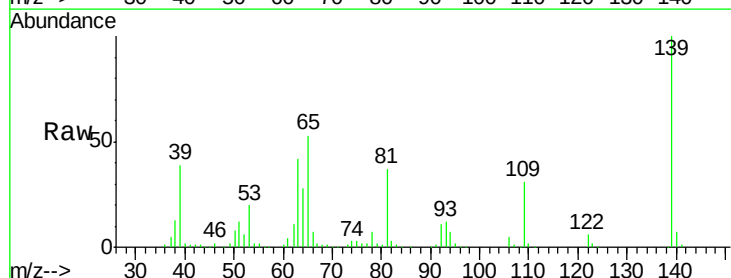
RT: 7.73 min Scan# 476

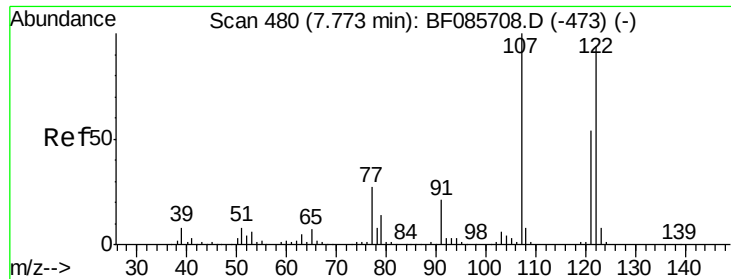
Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Tgt Ion:	139	Resp:	162682
Ion Ratio		Lower	Upper
139	100		
109	30.7	22.1	33.1
65	52.6	33.9	50.9#





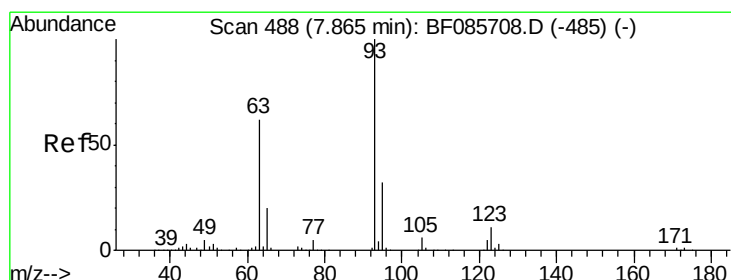
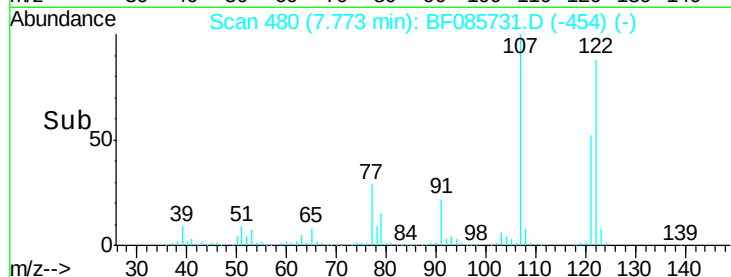
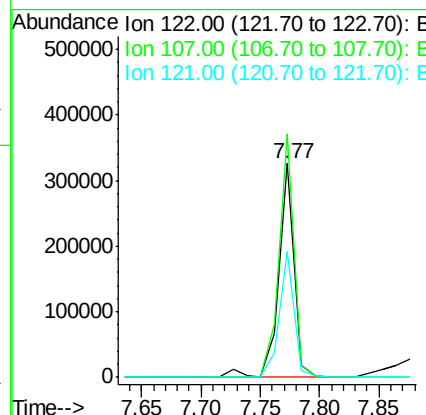
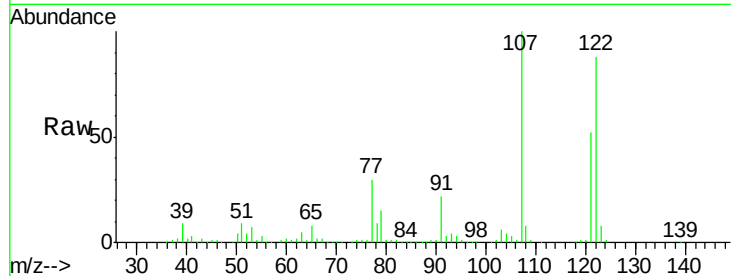
#27
 2,4-Dimethylphenol
 Concen: 41.96 ng
 RT: 7.77 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Instrument :
 BNA_F
 ClientSampled :
 PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	294937		
107	113.9	93.0	139.6	
121	58.9	45.9	68.9	

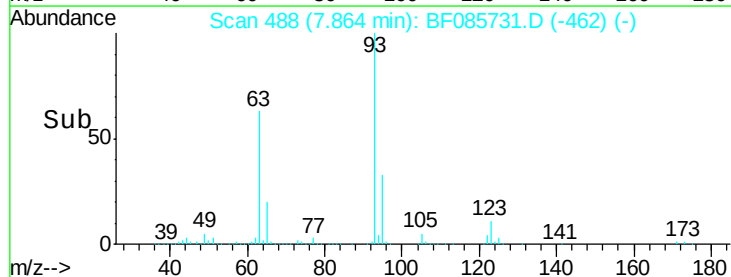
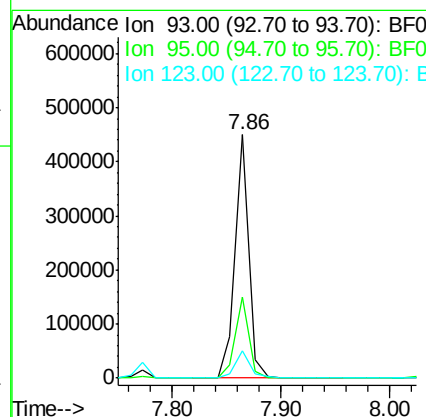
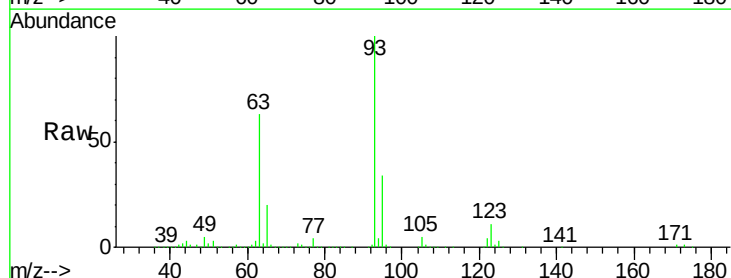
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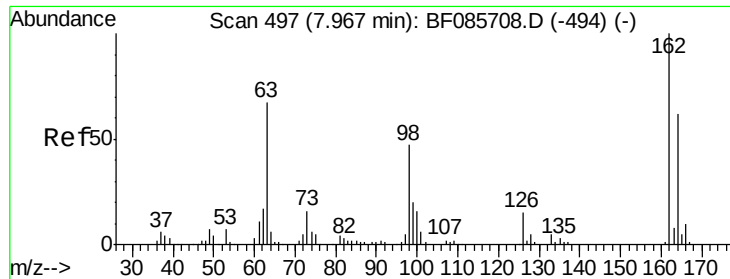
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.75 ng
 RT: 7.86 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	391523		
95	33.5	26.4	39.6	
123	11.0	9.8	14.6	





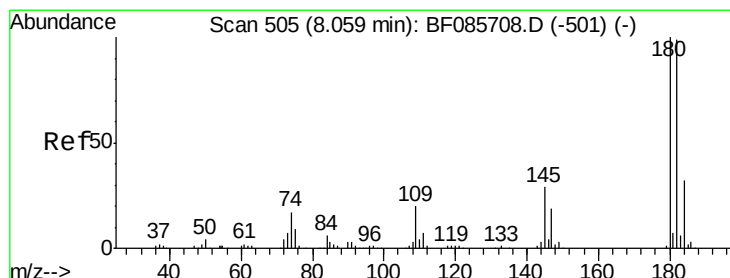
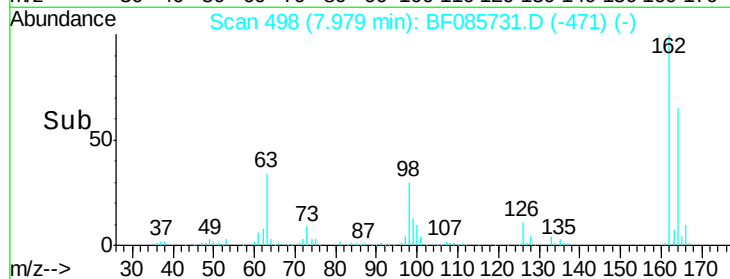
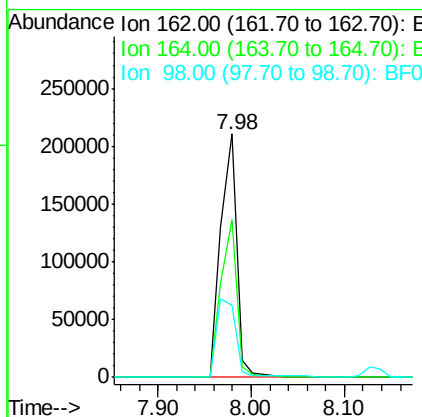
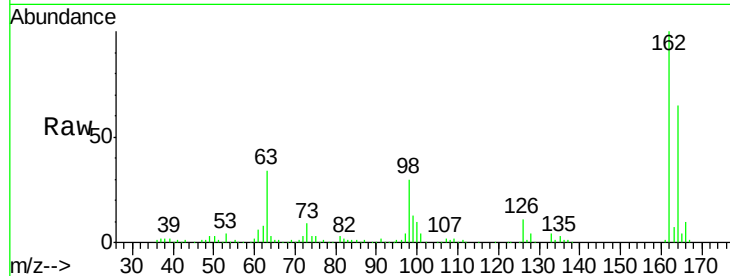
#29
 2,4-Dichlorophenol
 Concen: 42.42 ng
 RT: 7.98 min Scan# 498
 Delta R.T. 0.01 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	250641		
164	64.9	43.7	83.7	
98	29.8	20.4	60.4	

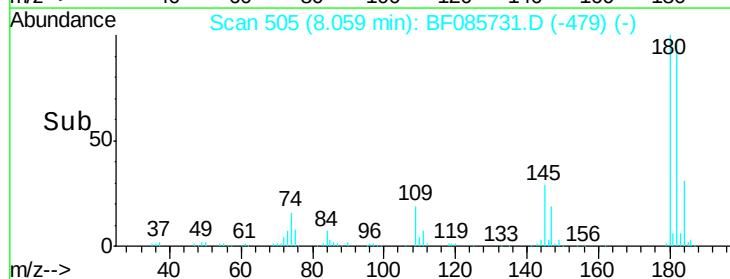
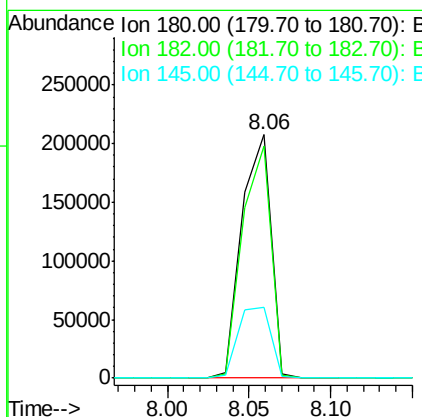
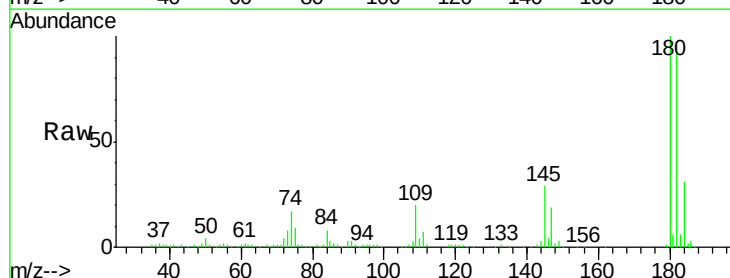
Manual Integrations
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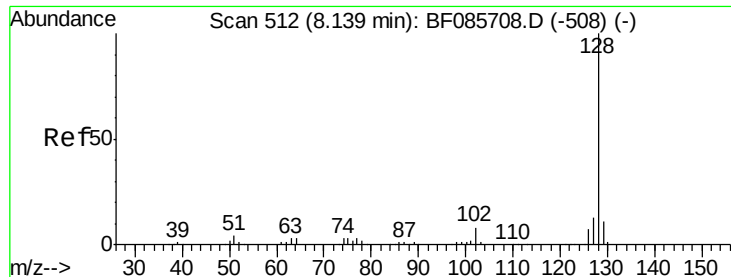
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.20 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	257122		
182	95.6	73.8	110.8	
145	29.1	28.4	42.6	





#31

Naphthalene

Concen: 40.15 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

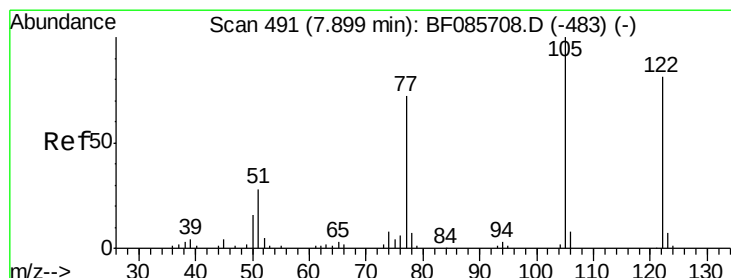
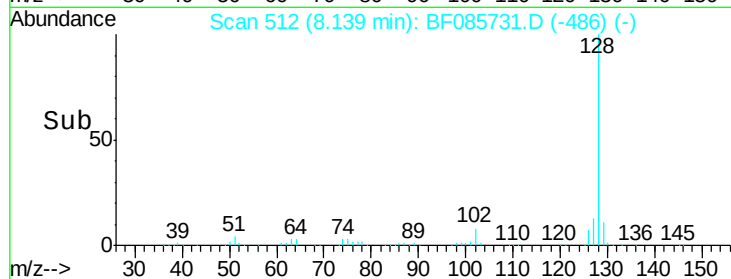
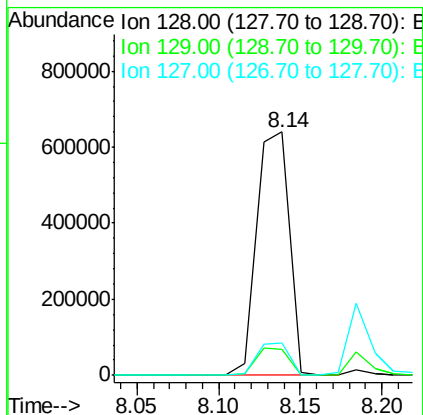
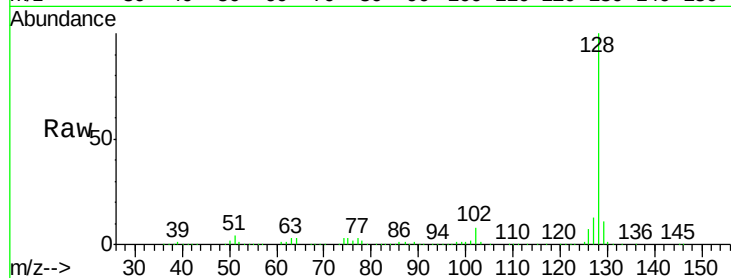
ClientSampleId :

PZ-1MSD

Tgt Ion:	128	Resp:	888177
Ion Ratio		Lower	Upper
128	100		
129	10.7	9.4	14.0
127	13.2	11.0	16.6

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#32

Benzoic acid

Concen: 16.02 ng

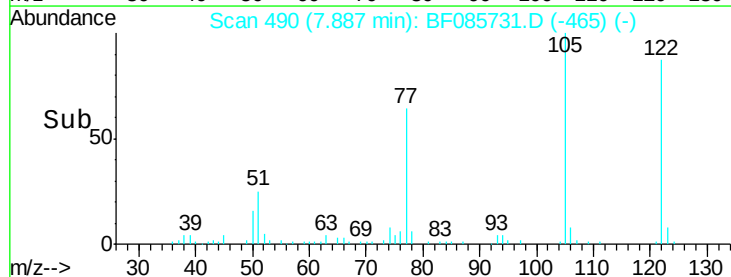
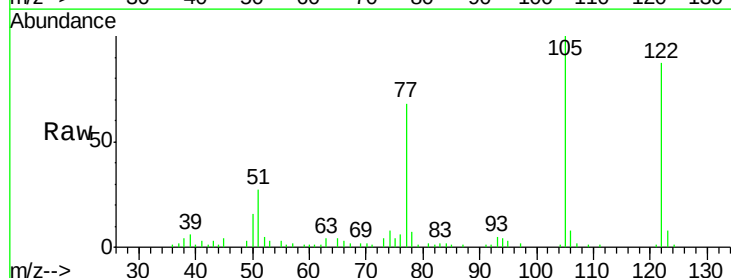
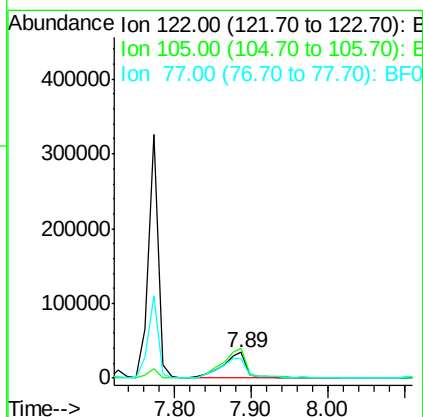
RT: 7.89 min Scan# 490

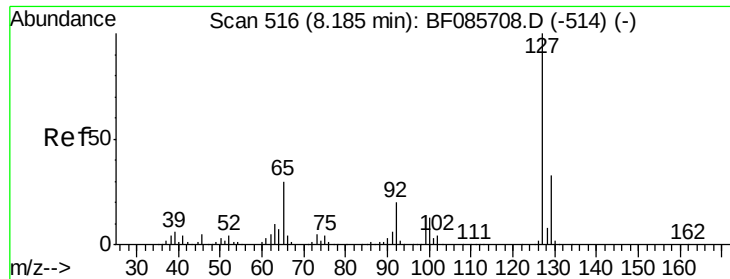
Delta R.T. -0.01 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Tgt Ion:	122	Resp:	747771
Ion Ratio		Lower	Upper
122	100		
105	115.0	102.9	142.9
77	77.8	71.8	111.8





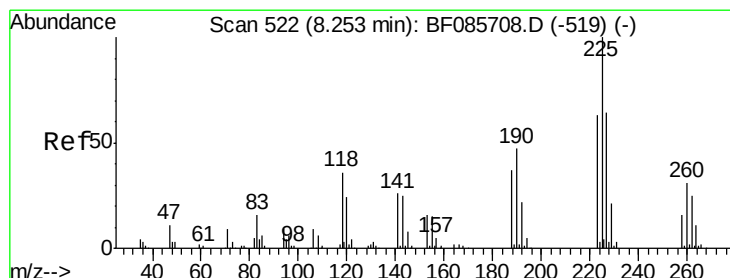
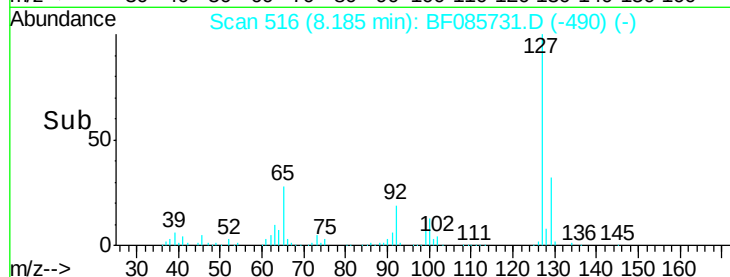
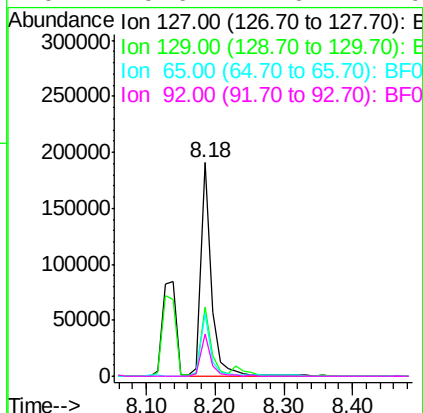
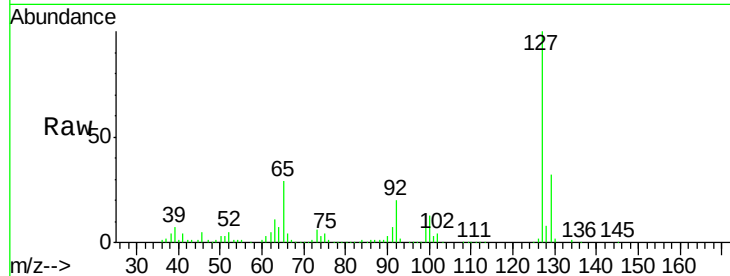
#33
4-Chloroaniline
Concen: 21.85 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Instrument :
BNA_F
ClientSampled :
PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	197328		
129	32.1	26.1	39.1	
65	29.3	19.5	29.3	
92	19.6	14.6	22.0	

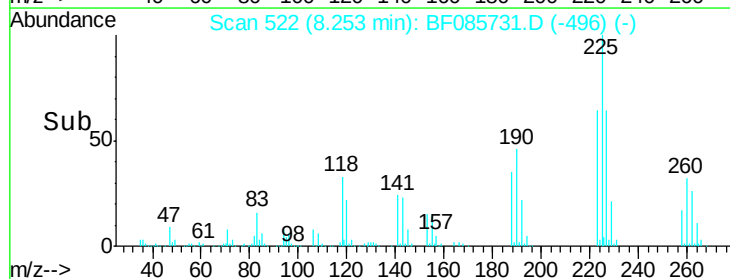
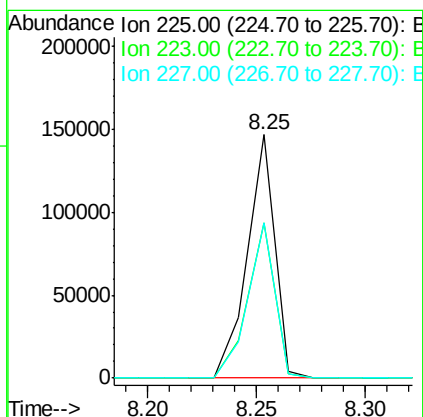
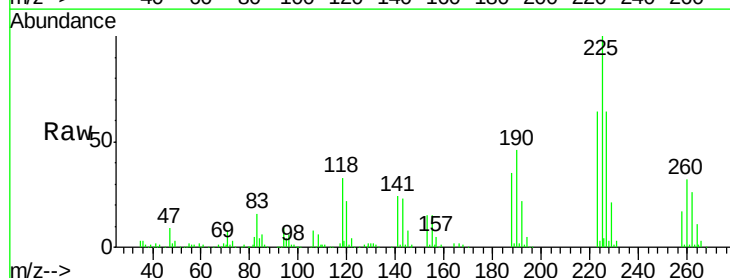
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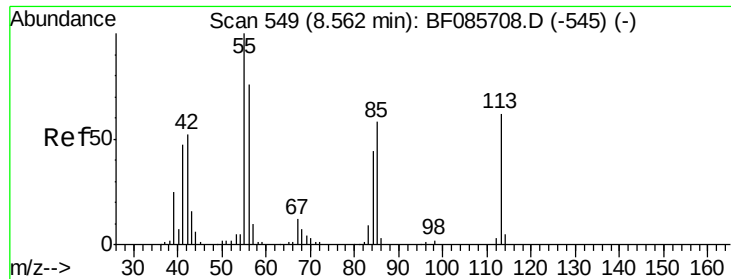
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#34
Hexachlorobutadiene
Concen: 36.10 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128682		
223	63.8	50.4	75.6	
227	63.6	51.4	77.2	





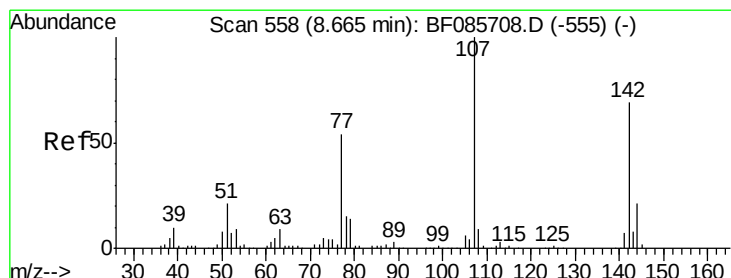
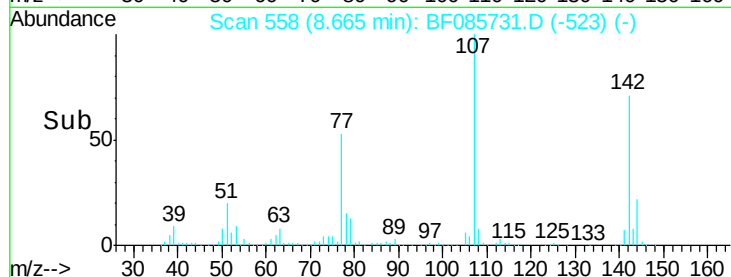
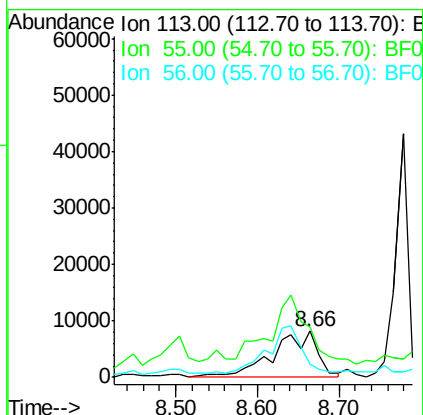
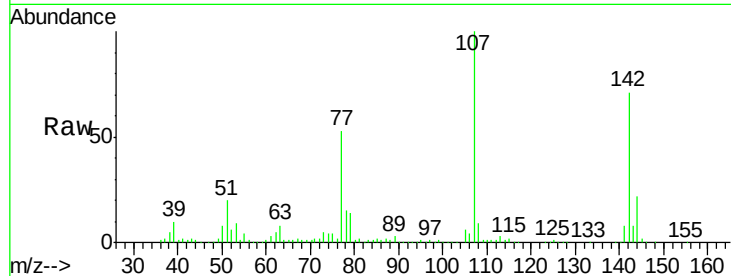
#35
Caprolactam
Concen: 14.95 ng
RT: 8.66 min Scan# 558
Delta R.T. 0.10 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Instrument :
BNA_F
ClientSampleId :
PZ-1MSD

Tgt Ion:113 Resp: 31279
Ion Ratio Lower Upper
113 100
55 109.1 139.4 179.4#
56 27.5 100.4 140.4#

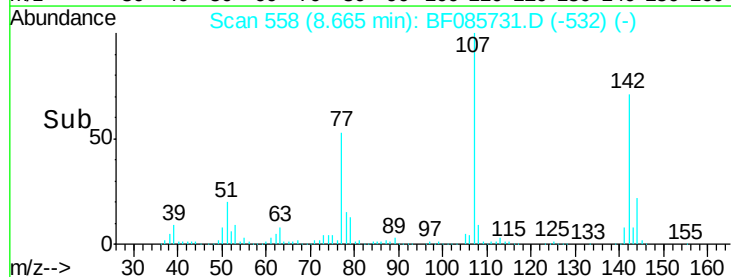
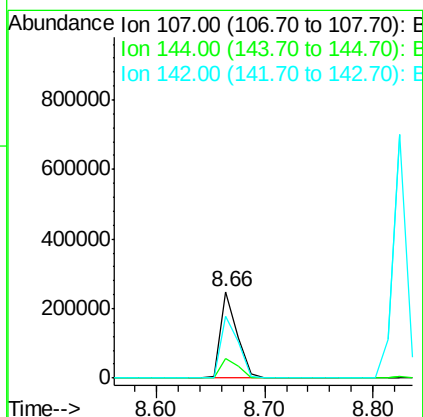
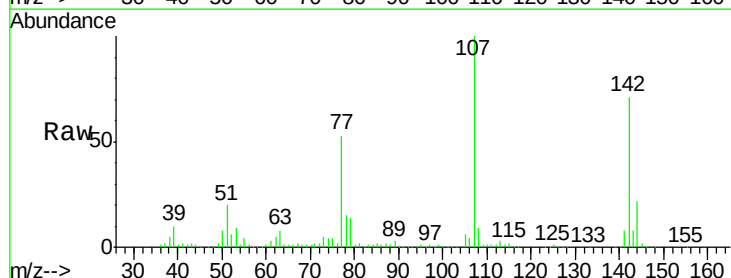
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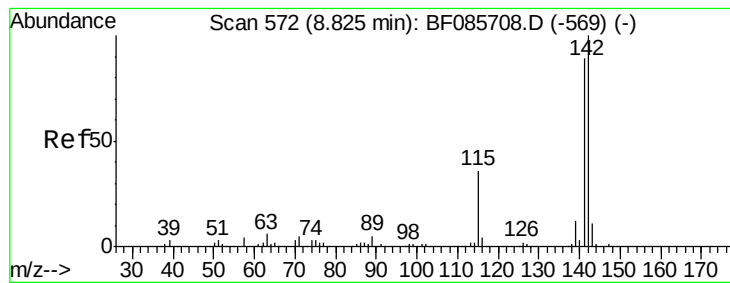
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 38.43 ng
RT: 8.66 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion:107 Resp: 265214
Ion Ratio Lower Upper
107 100
144 22.4 19.3 28.9
142 71.4 61.4 92.0





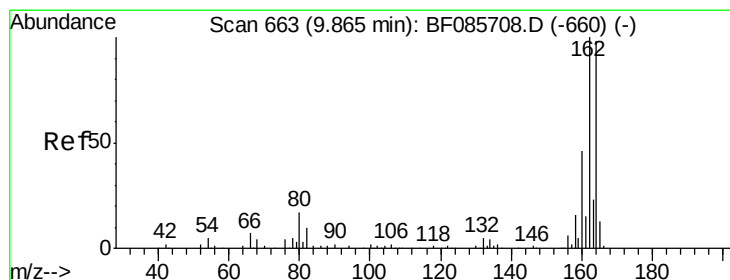
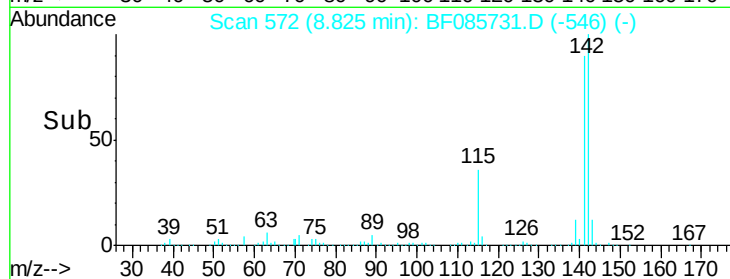
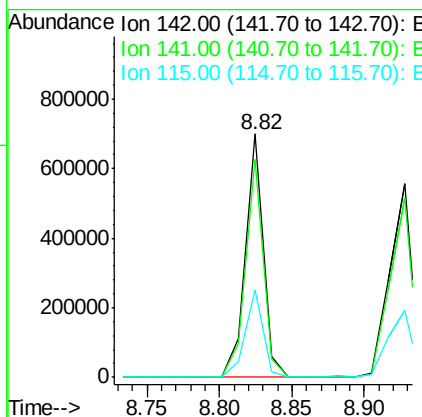
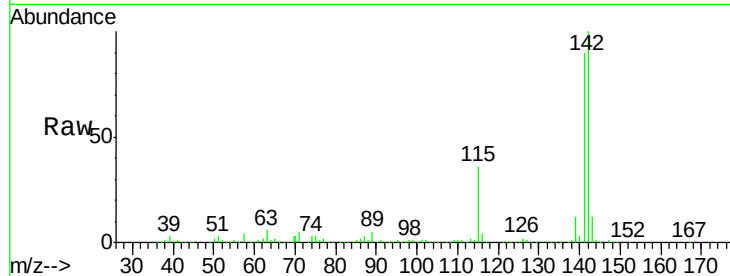
#37
 2-Methylnaphthalene
 Concen: 47.02 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	599923		
141	89.7	71.6	107.4	
115	36.2	26.8	40.2	

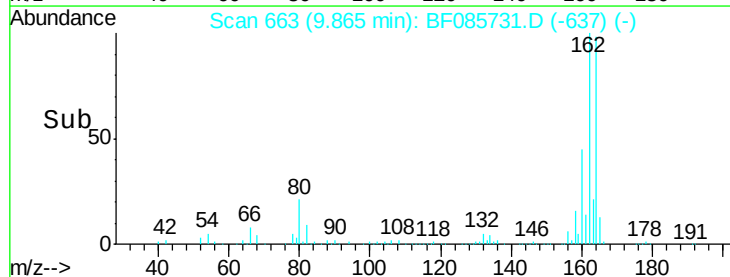
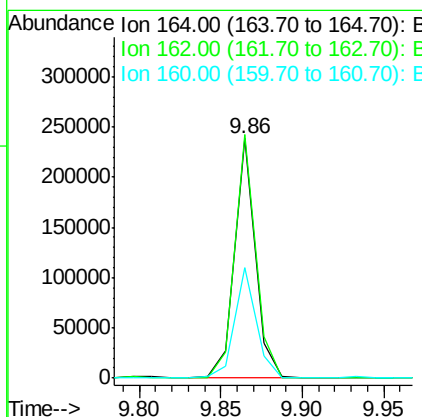
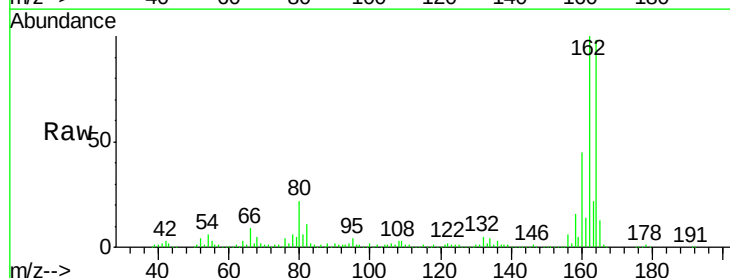
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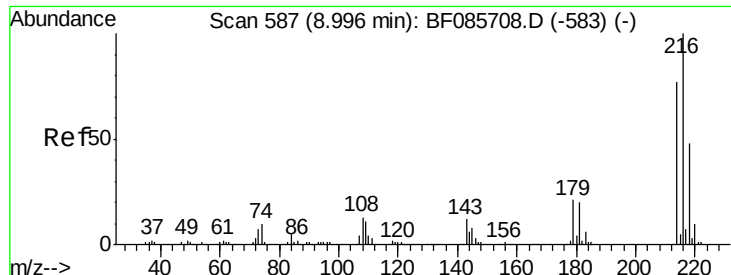
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	207016		
162	101.6	82.1	123.1	
160	46.0	37.4	56.2	





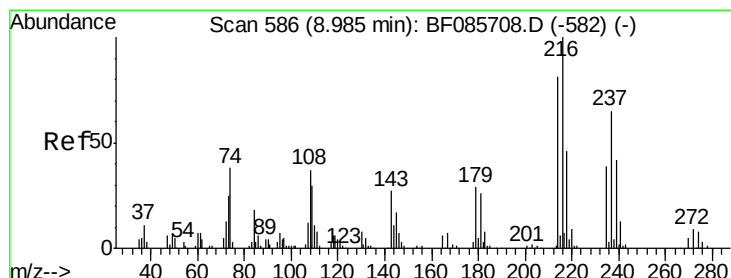
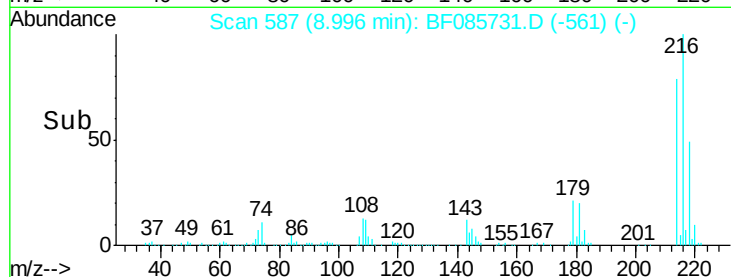
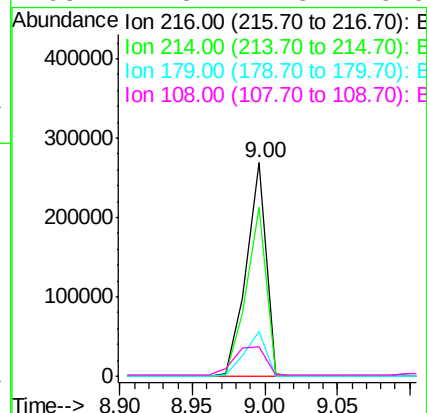
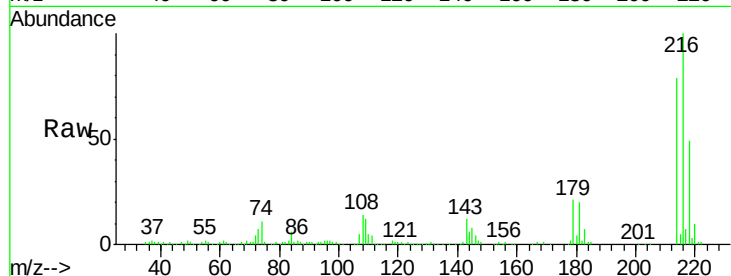
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.03 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	258007		
214	79.0	63.1	94.7	
179	22.4	18.2	27.2	
108	21.8	17.3	25.9	

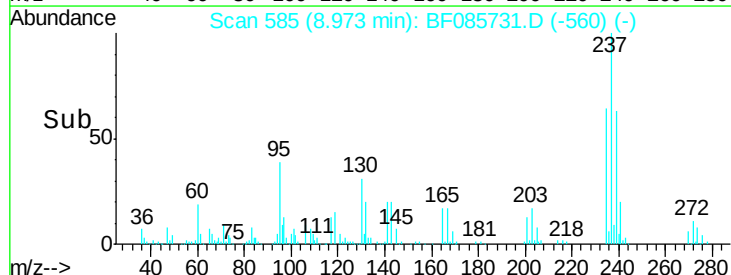
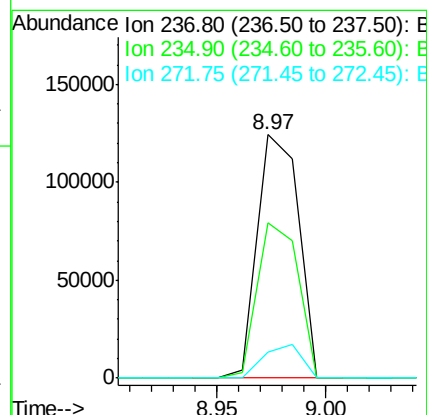
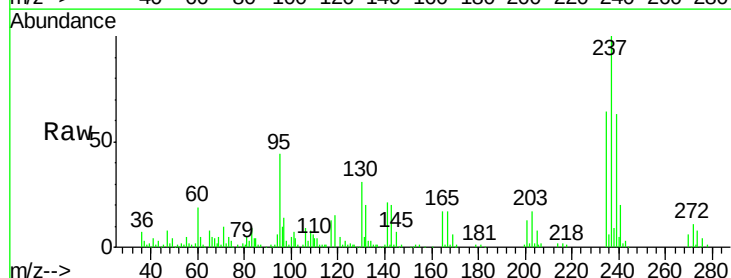
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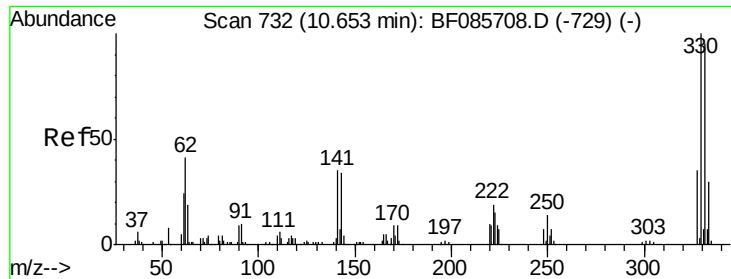
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 66.29 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	165053		
235	63.7	43.7	83.7	
272	10.6	0.0	31.9	





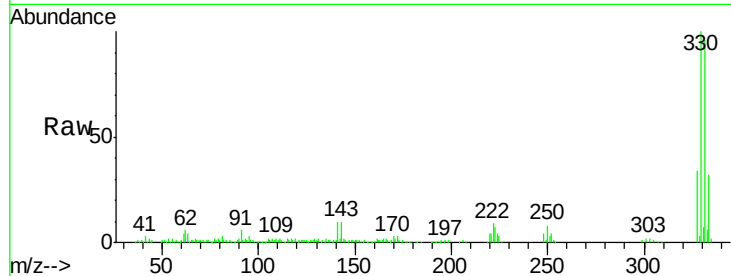
#41
 2,4,6-Tribromophenol
 Concen: 151.37 ng
 RT: 10.66 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1MSD

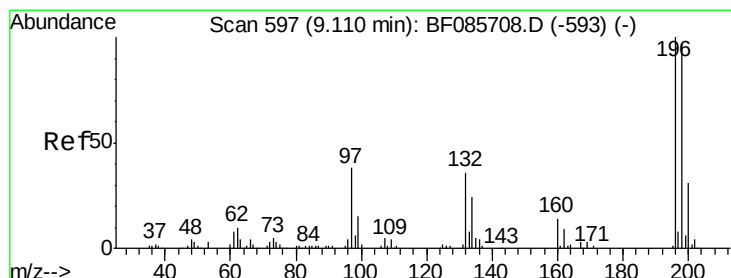
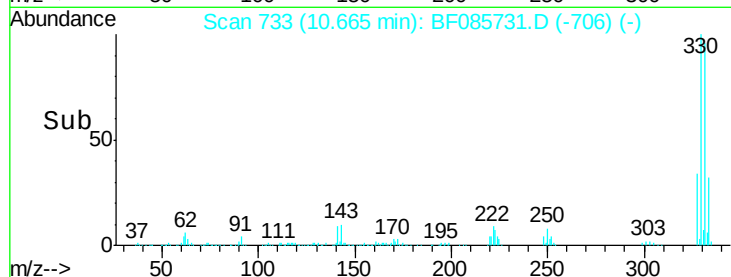
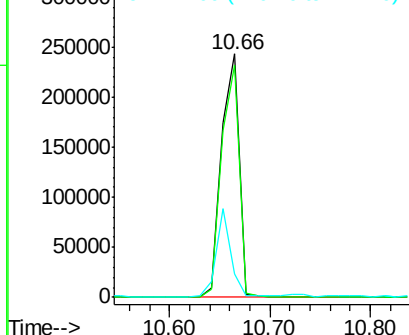
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	297727		
332	95.8	78.2	117.2	
141	29.6	31.5	47.3#	

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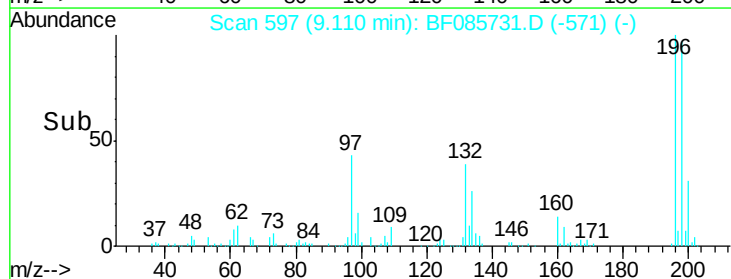
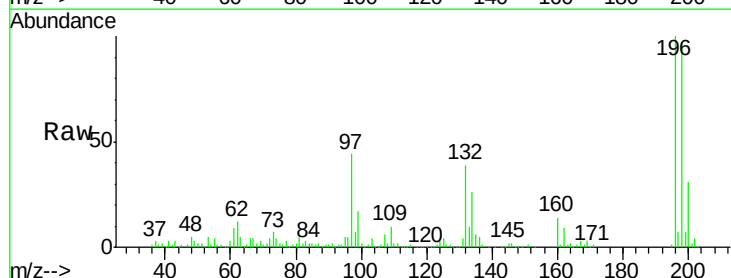
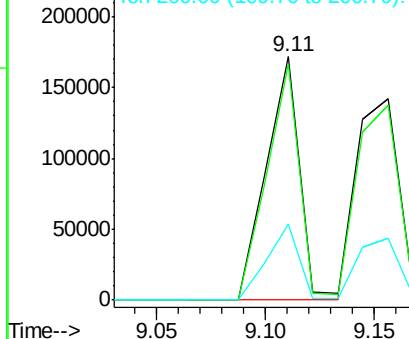
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

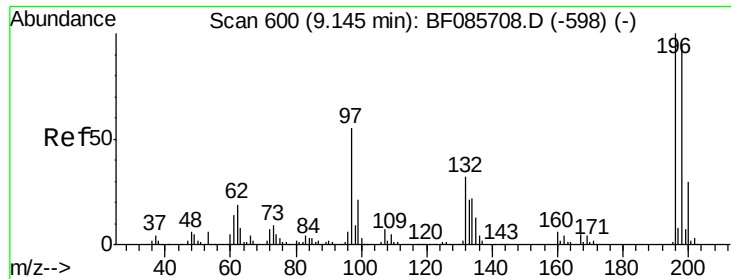


#42
 2,4,6-Trichlorophenol
 Concen: 44.46 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	184324		
198	97.1	75.3	112.9	
200	31.2	23.7	35.5	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





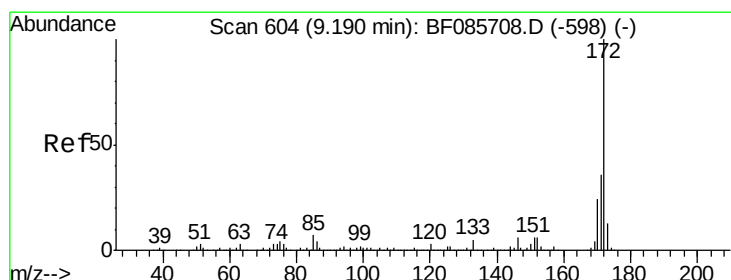
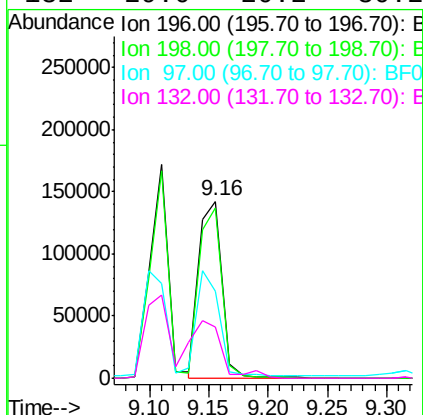
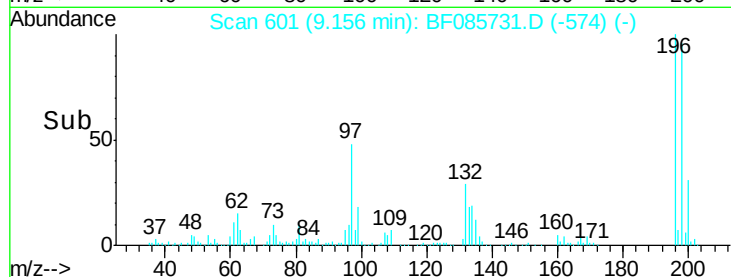
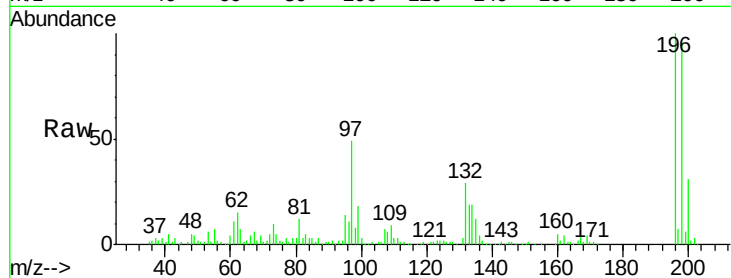
#43
 2,4,5-Trichlorophenol
 Concen: 44.92 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Instrument :
 BNA_F
 ClientSampled :
 PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195338		
198	96.5	76.6	114.8	
97	49.1	30.5	45.7	
132	29.0	20.2	30.2	

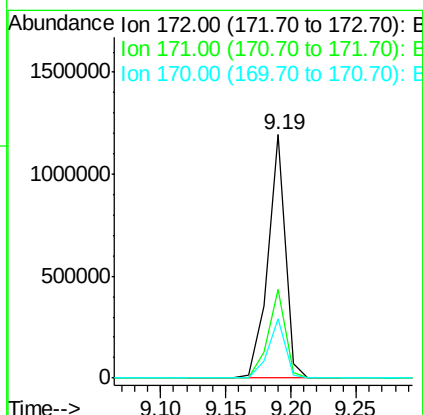
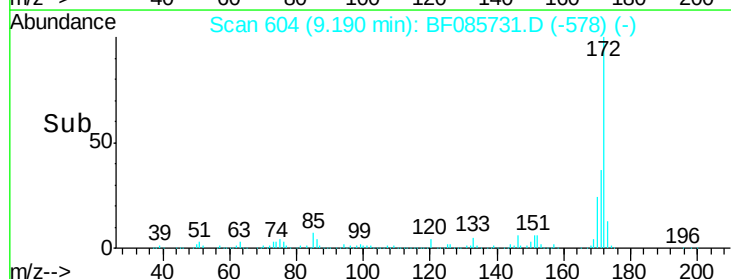
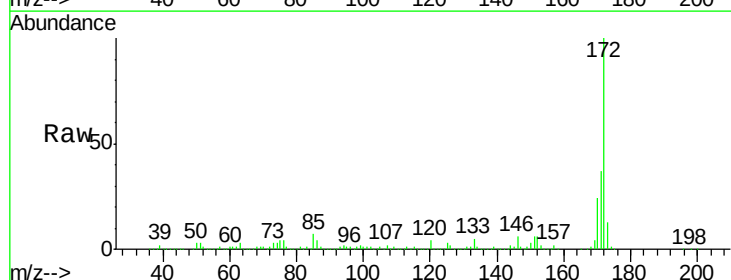
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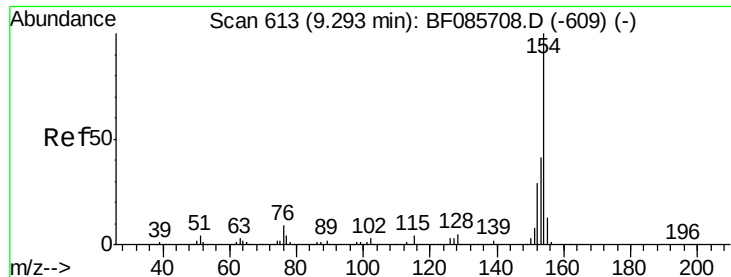
Sohil
 3/25/2016 3:04:33 PM



#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1121884		
171	36.6	29.4	44.2	
170	24.4	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 42.48 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

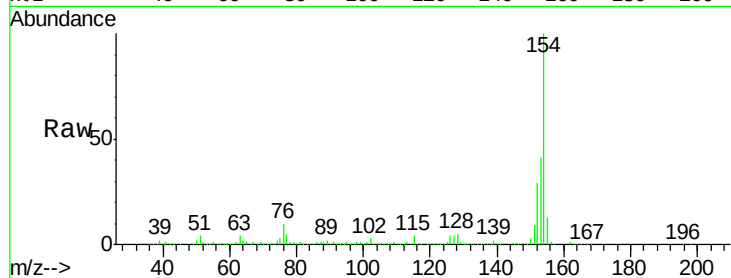
ClientSampled :

PZ-1MSD

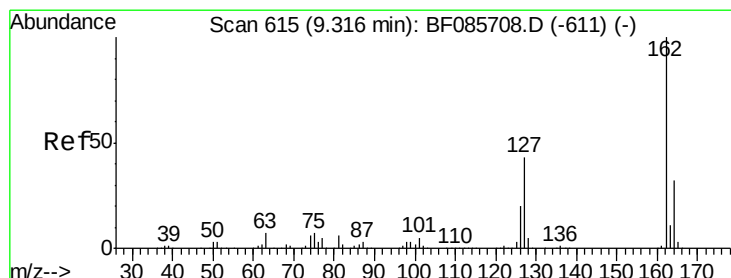
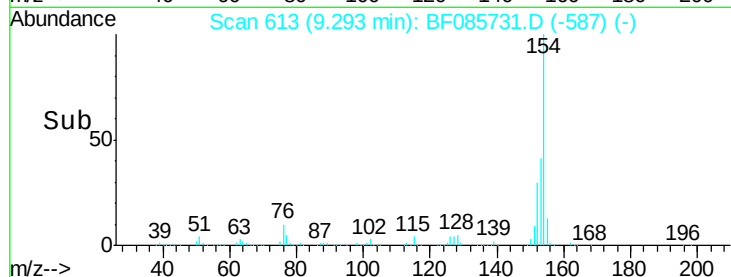
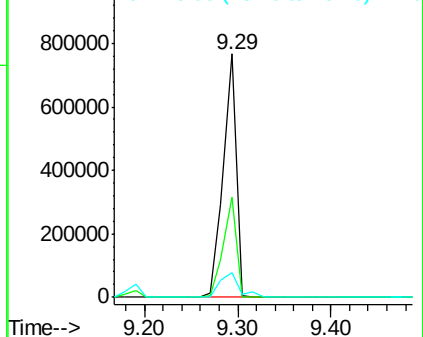
Tgt Ion:	154	Resp:	741980
Ion Ratio	Lower	Upper	
154	100		
153	41.4	20.8	60.8
76	10.2	0.0	36.7

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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: 44.78 ng

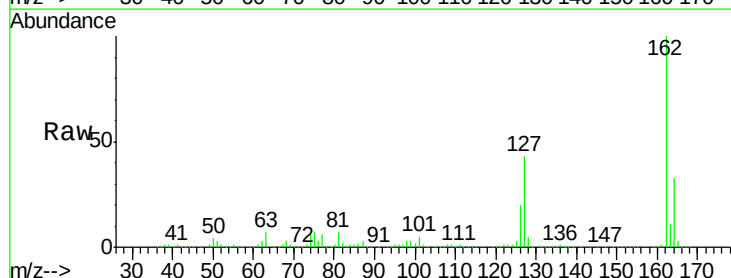
RT: 9.32 min Scan# 615

Delta R.T. -0.00 min

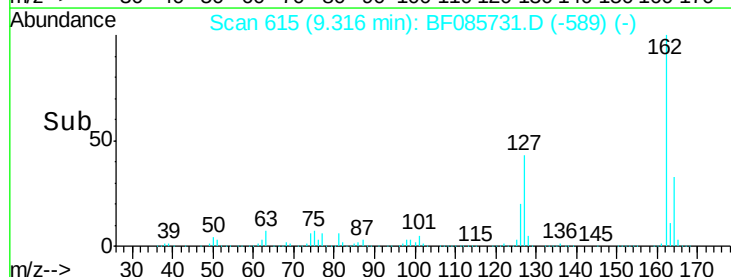
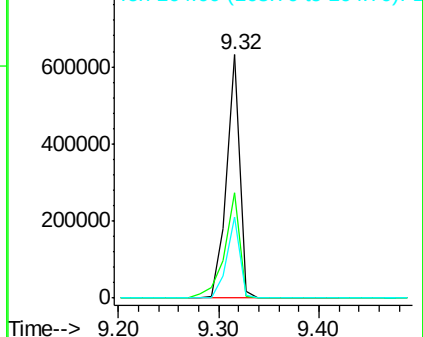
Lab File: BF085731.D

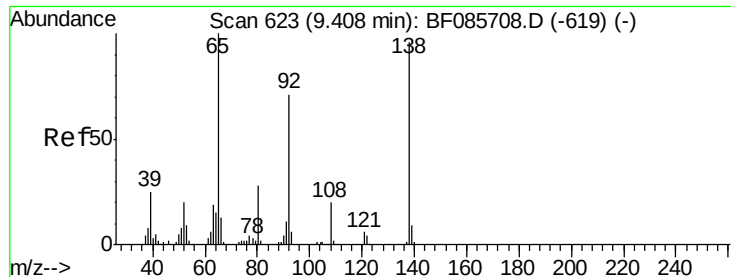
Acq: 24 Mar 2016 23:30

Tgt Ion:	162	Resp:	575134
Ion Ratio	Lower	Upper	
162	100		
127	43.1	31.7	47.5
164	33.5	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: 44.85 ng

RT: 9.42 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

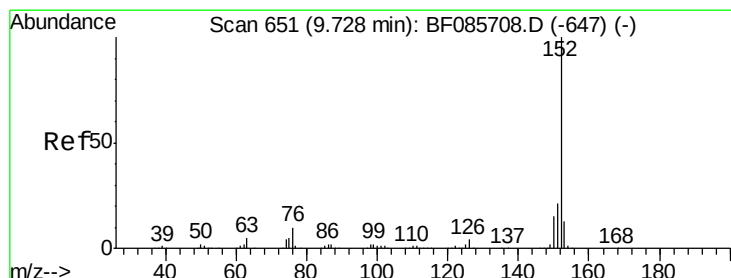
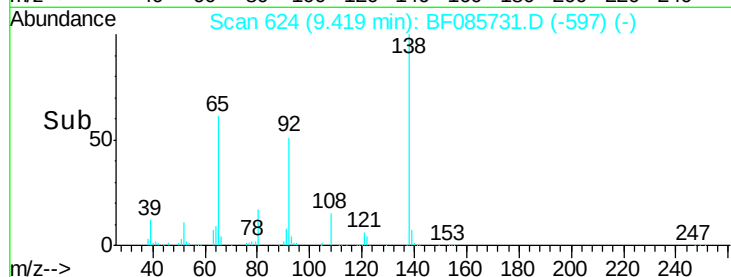
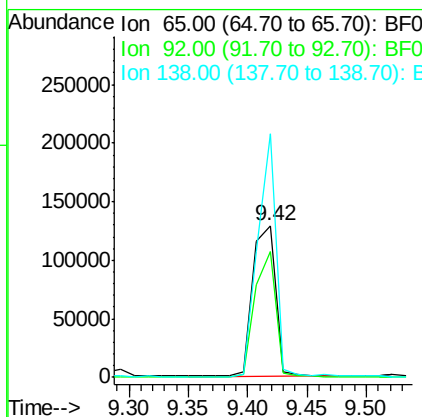
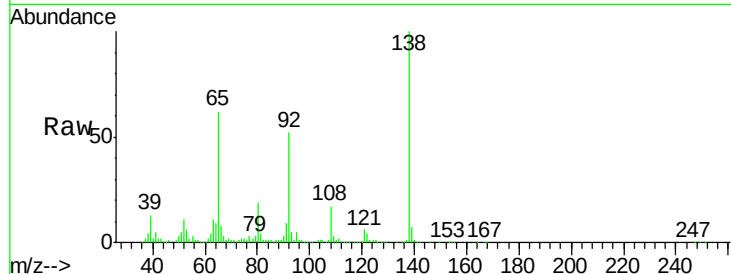
ClientSampled :

PZ-1MSD

Tgt Ion:	65	Resp:	176166
Ion Ratio	Lower	Upper	
65	100		
92	82.7	59.7	89.5
138	160.3	91.4	137.0#

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#48

Acenaphthylene

Concen: 41.13 ng

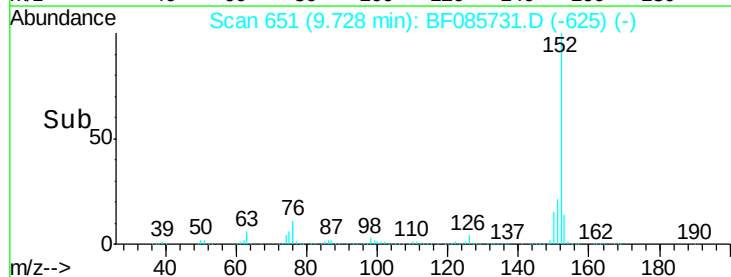
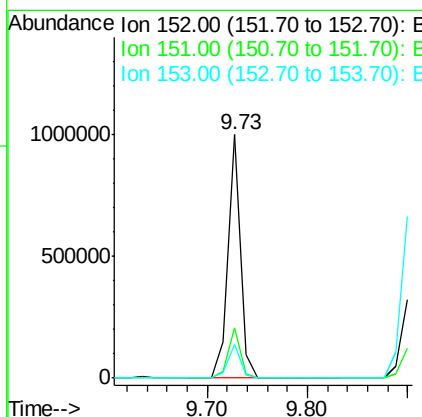
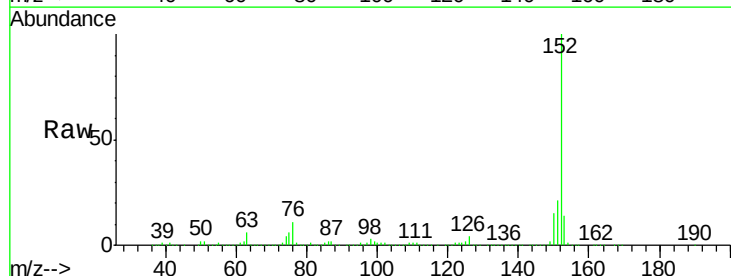
RT: 9.73 min Scan# 651

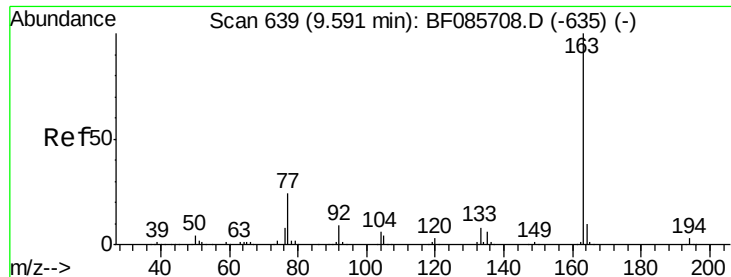
Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Tgt Ion:	152	Resp:	860819
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.6	10.9	16.3





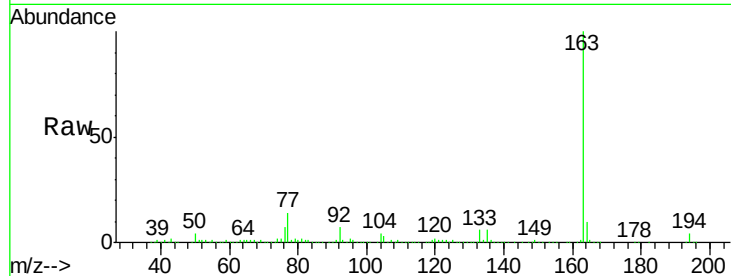
#49
Dimethylphthalate
Concen: 46.58 ng
RT: 9.60 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Instrument :
BNA_F
ClientSampleId :
PZ-1MSD

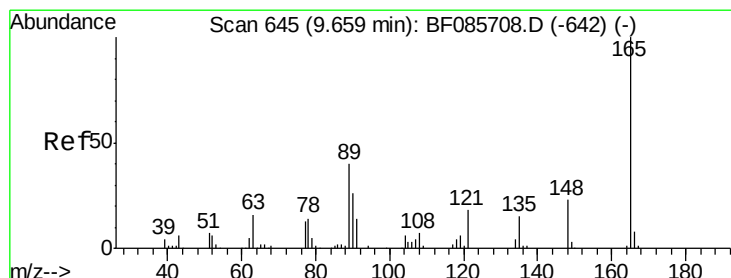
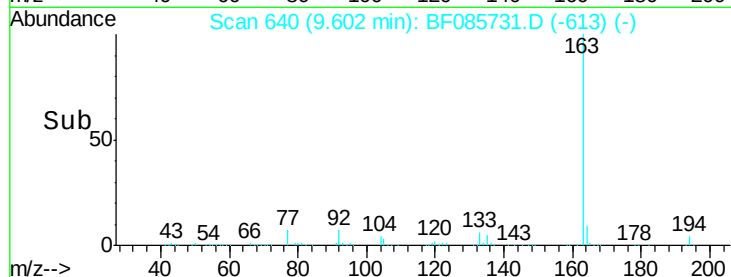
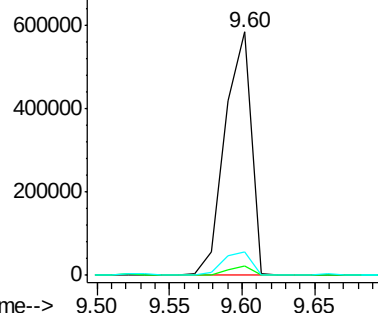
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	2.9	4.3
164	9.7	8.3	12.5

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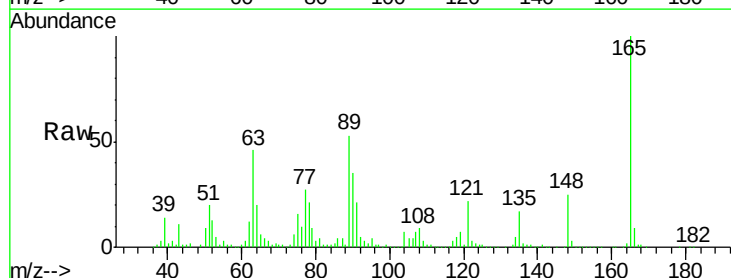


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

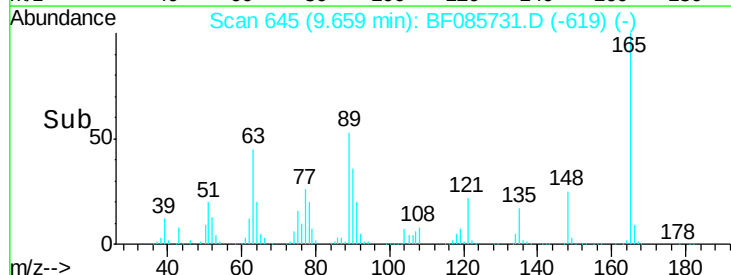
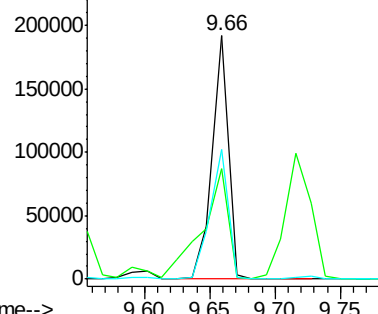


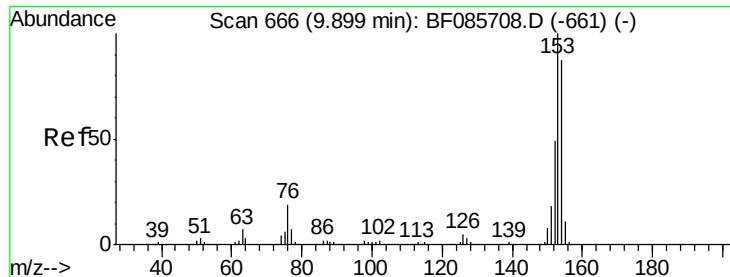
#50
2,6-Dinitrotoluene
Concen: 48.89 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.5	51.8	77.8#
89	53.0	53.7	80.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.13 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

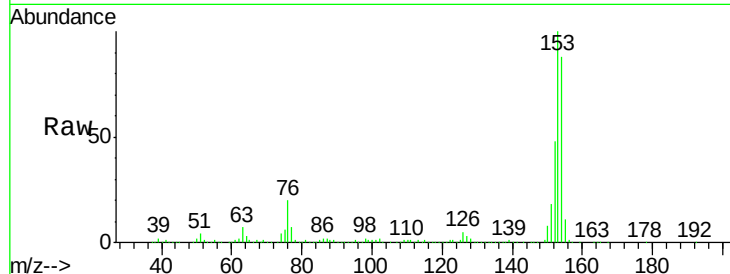
ClientSampleId :

PZ-1MSD

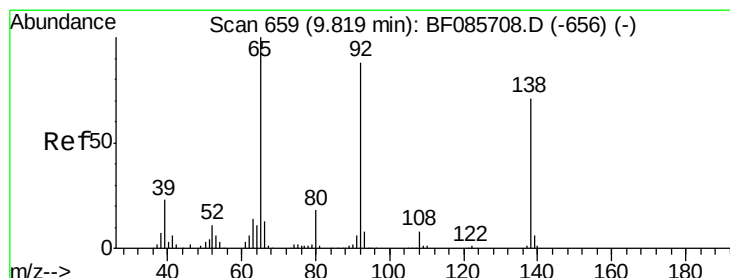
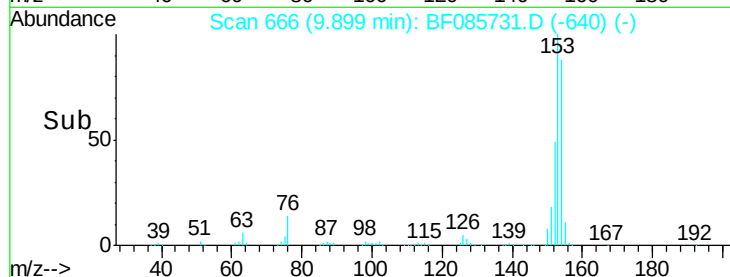
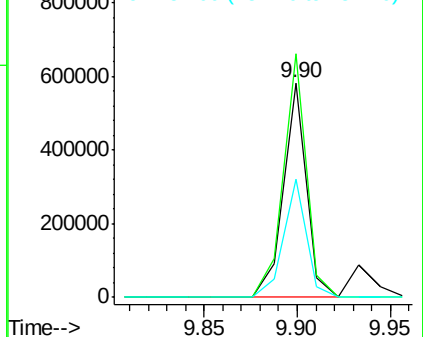
Tgt Ion:	154	Resp:	500197
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.1	135.1
152	54.9	44.2	66.2

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



#52

3-Nitroaniline

Concen: 22.89 ng

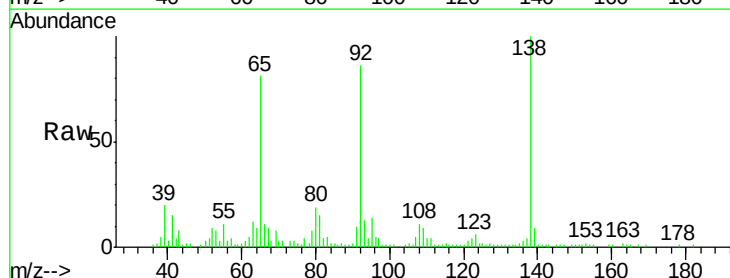
RT: 9.83 min Scan# 660

Delta R.T. 0.01 min

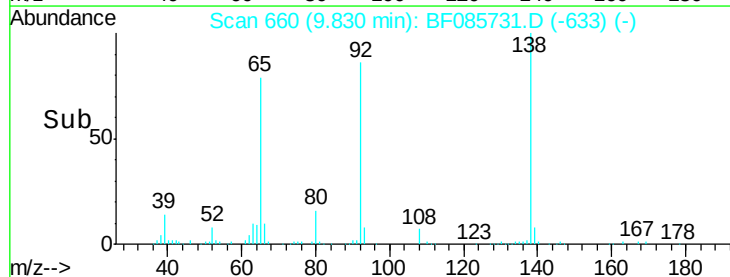
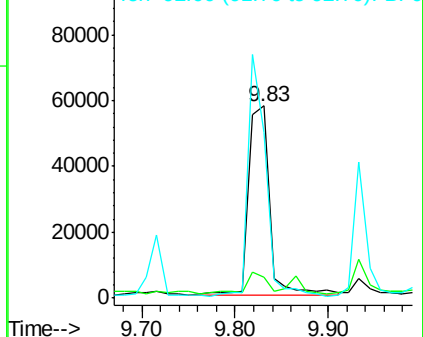
Lab File: BF085731.D

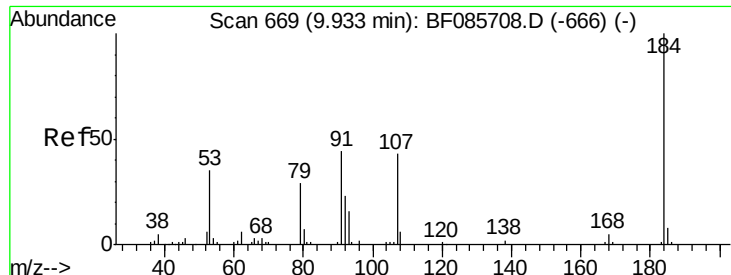
Acq: 24 Mar 2016 23:30

Tgt Ion:	138	Resp:	88598
Ion Ratio	Lower	Upper	
138	100		
108	10.9	8.7	13.1
92	86.2	93.3	139.9#



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





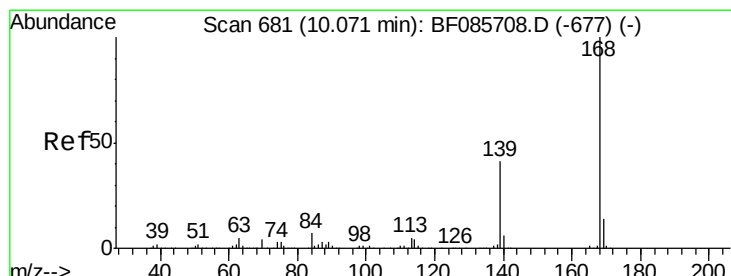
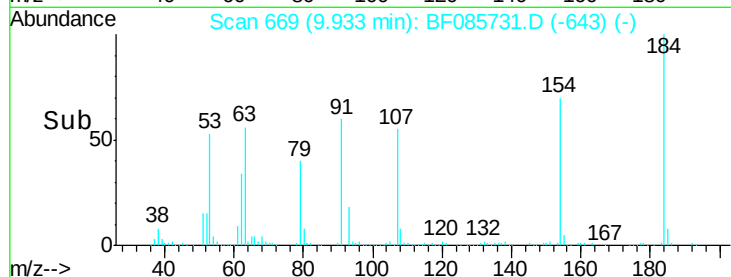
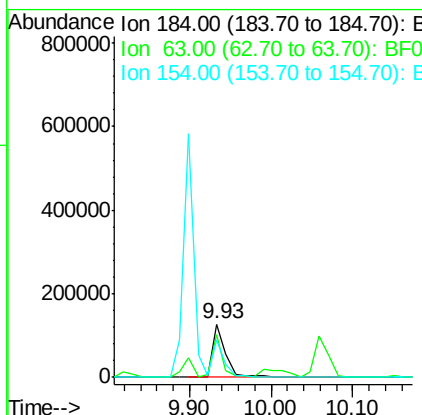
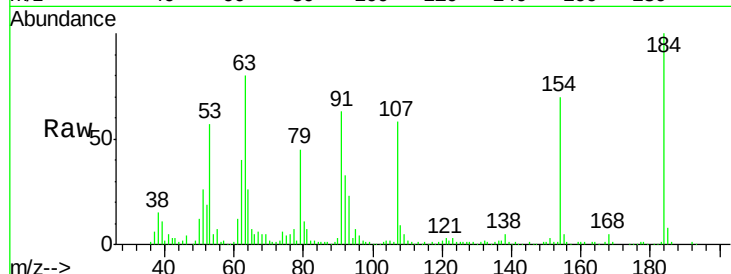
#53
 2,4-Dinitrophenol
 Concen: 83.03 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Instrument :
 BNA_F
 ClientSampled :
 PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	142236		
63	79.7	69.5	104.3	
154	70.0	58.3	87.5	

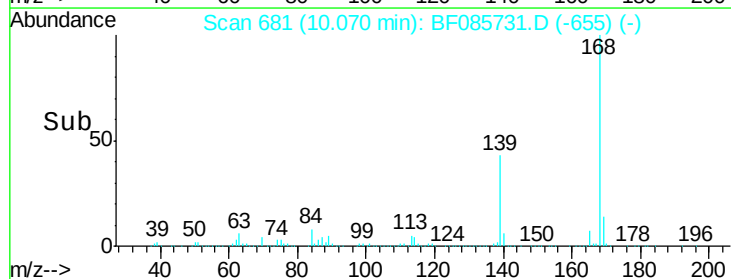
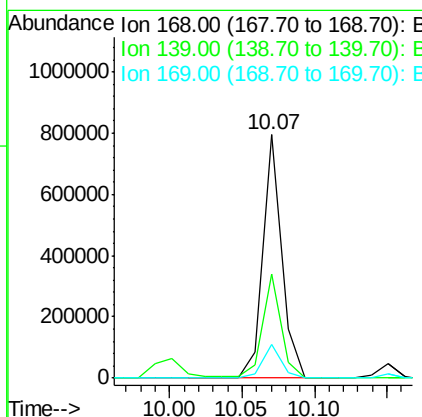
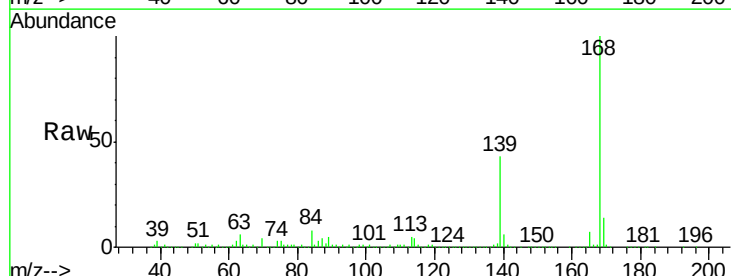
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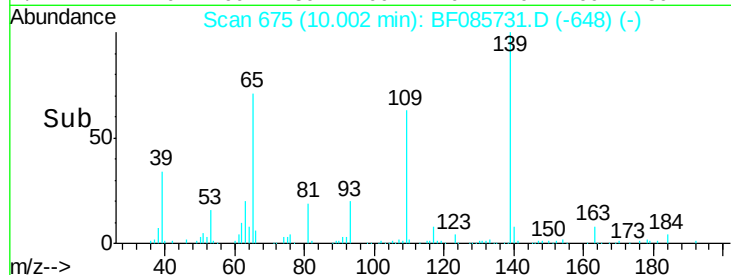
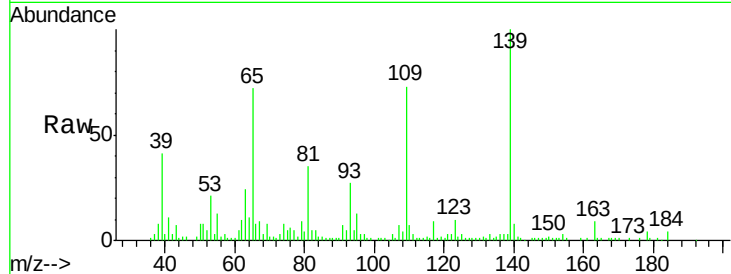
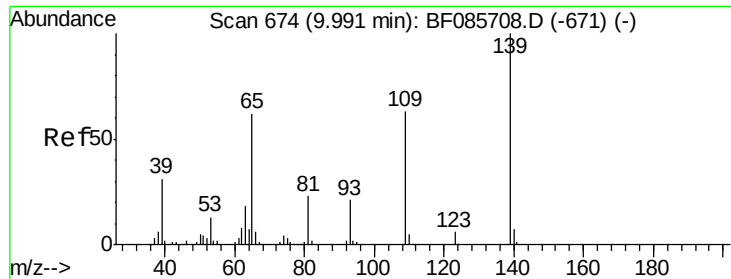
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#54
 Dibenzofuran
 Concen: 43.17 ng
 RT: 10.07 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	714353		
139	42.9	31.9	47.9	
169	13.9	11.0	16.6	





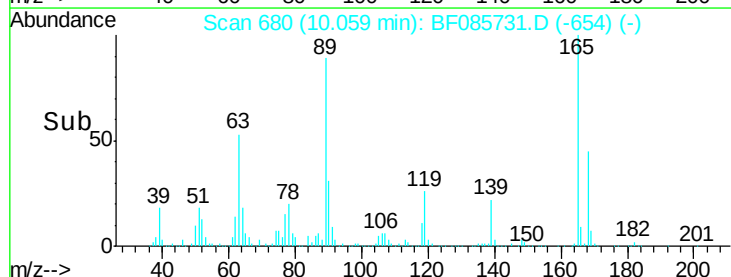
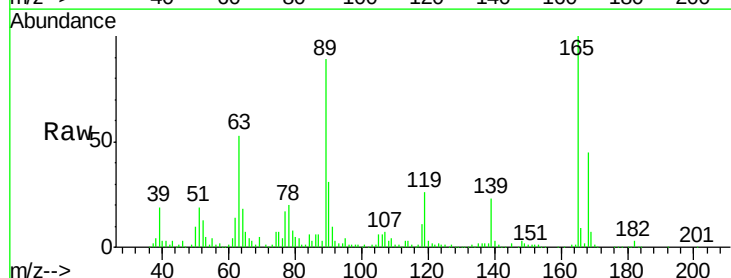
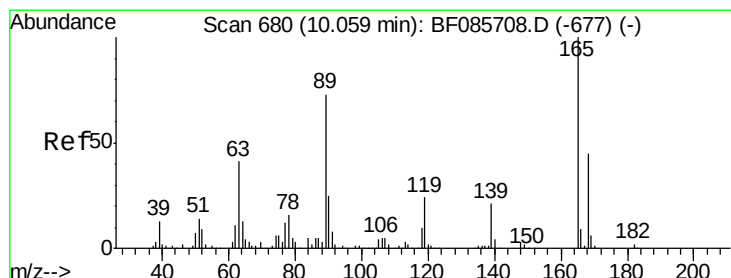
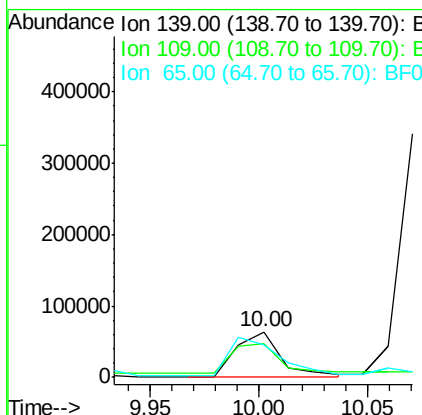
#55
4-Nitrophenol
Concen: 34.88 ng
RT: 10.00 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	87928		
109	73.1	49.2	89.2	
65	72.0	66.9	106.9	

Instrument :
BNA_F
ClientSampleId :
PZ-1MSD

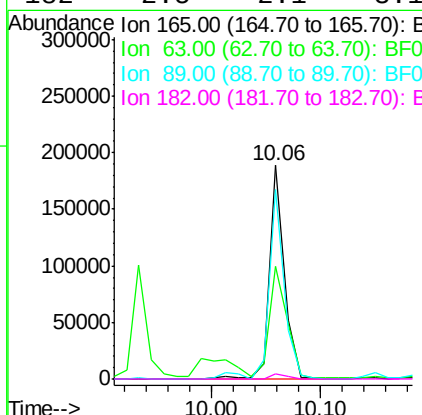
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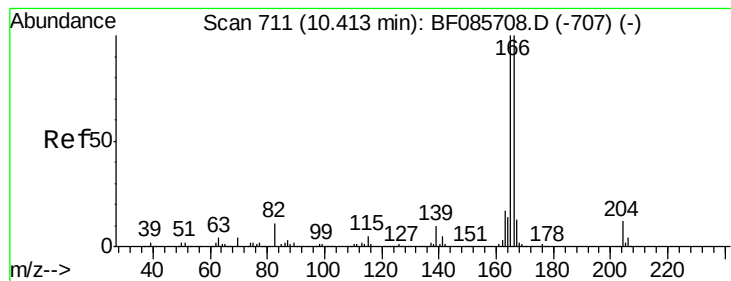
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#56
2,4-Dinitrotoluene
Concen: 41.90 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	180058		
63	53.0	24.9	37.3#	
89	89.0	41.0	61.6#	
182	2.5	2.1	3.1	





#57

Fluorene

Concen: 41.14 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085731.D

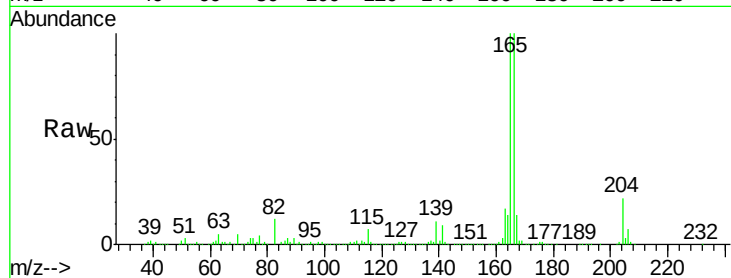
Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

ClientSampleId :

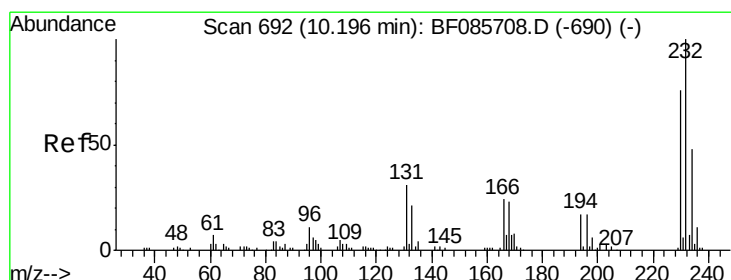
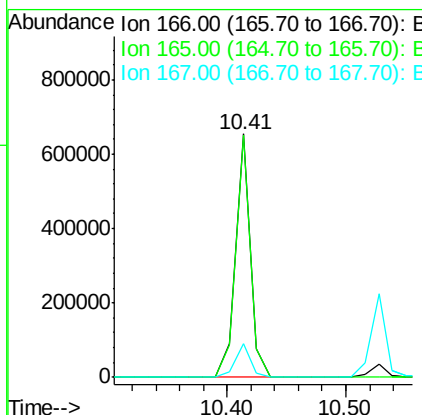
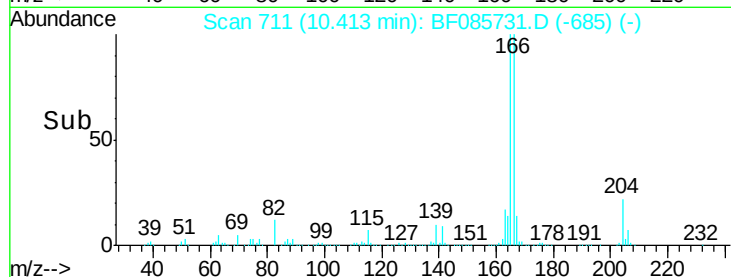
PZ-1MSD



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	79.4	119.0	
167	13.6	11.0	16.4	

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#58

2,3,4,6-Tetrachlorophenol

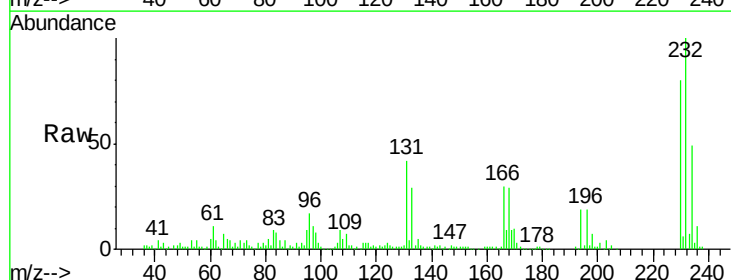
Concen: 52.29 ng

RT: 10.20 min Scan# 692

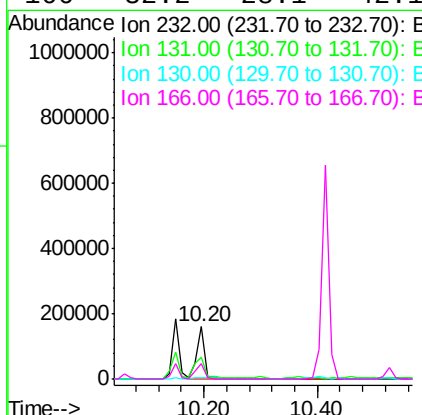
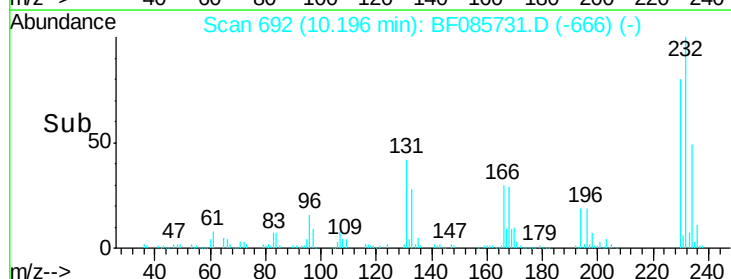
Delta R.T. -0.00 min

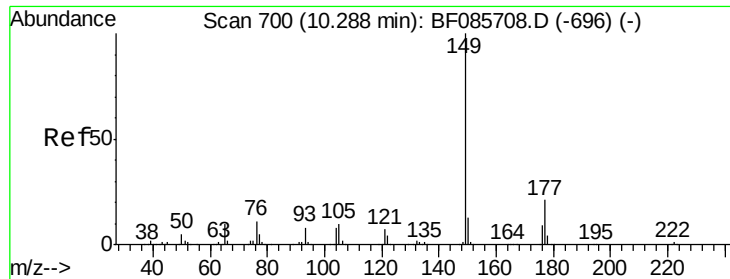
Lab File: BF085731.D

Acq: 24 Mar 2016 23:30



Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	56.5	44.9	67.3	
130	6.6	2.3	3.5	
166	32.2	28.1	42.1	





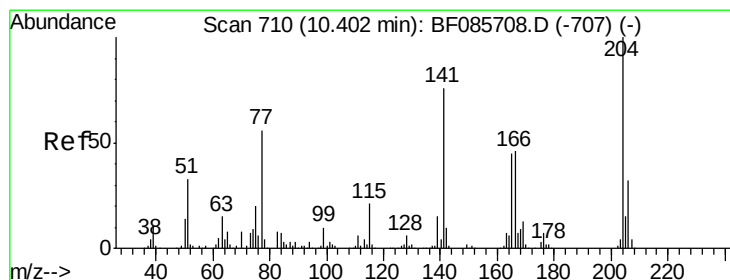
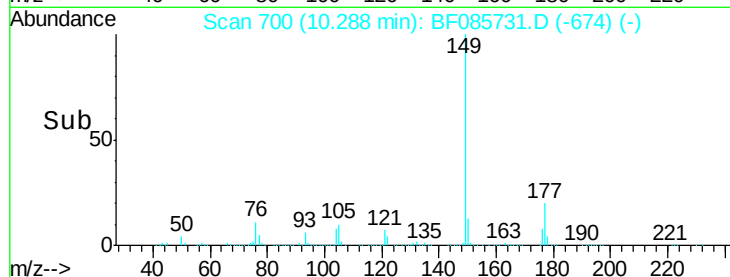
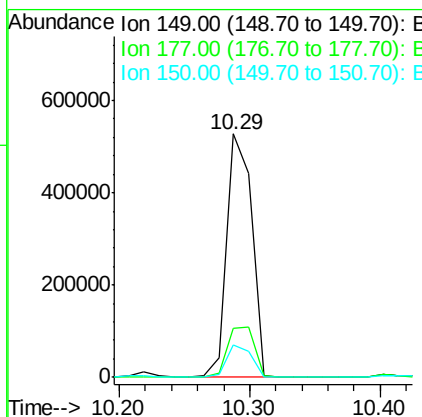
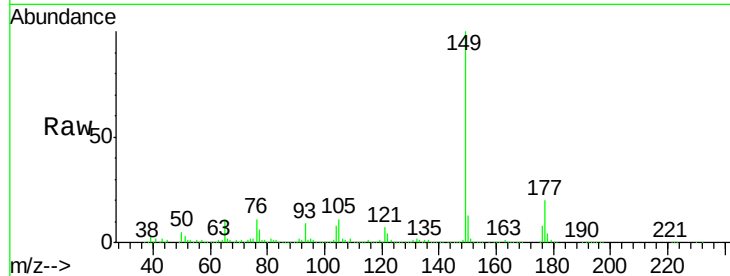
#59
Diethylphthalate
Concen: 44.82 ng
RT: 10.29 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Instrument :
BNA_F
ClientSampleId :
PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	695454		
177	20.0	17.9	26.9	
150	13.4	10.2	15.2	

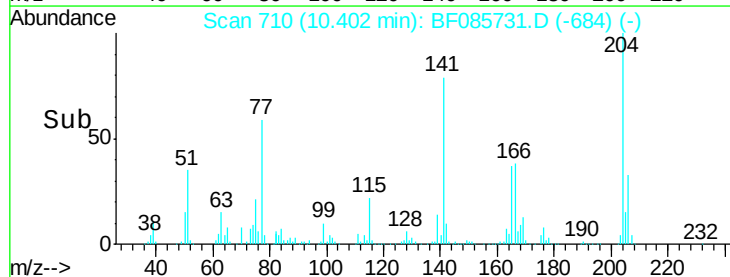
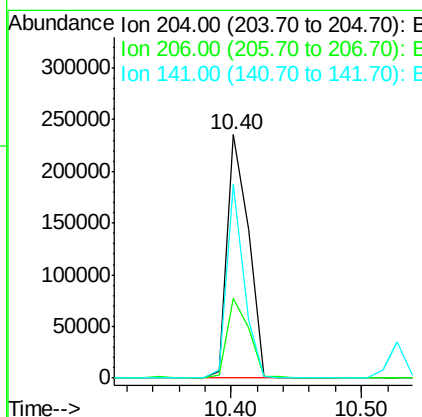
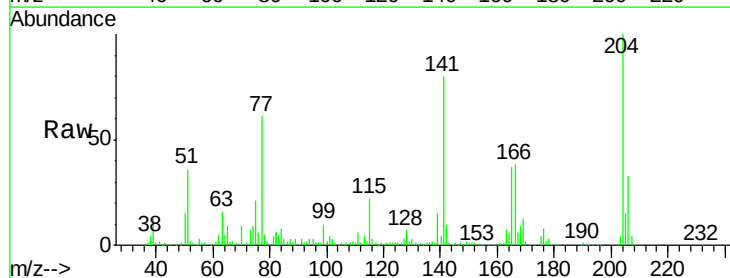
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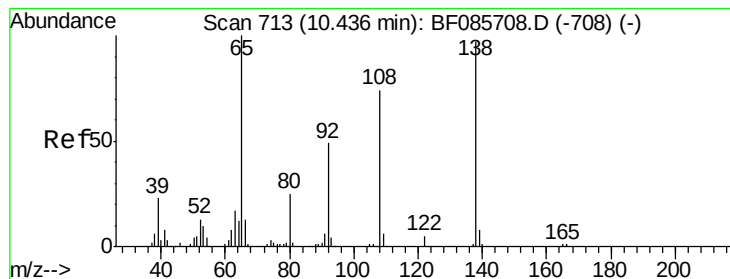
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 39.69 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	266943		
206	32.9	26.6	39.8	
141	79.6	57.4	86.0	





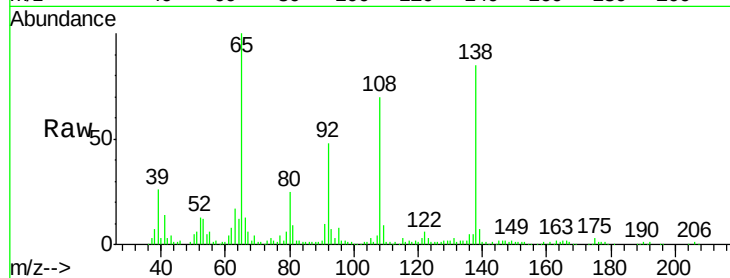
#61
4-Nitroaniline
Concen: 35.81 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Instrument :
BNA_F
ClientSampled :
PZ-1MSD

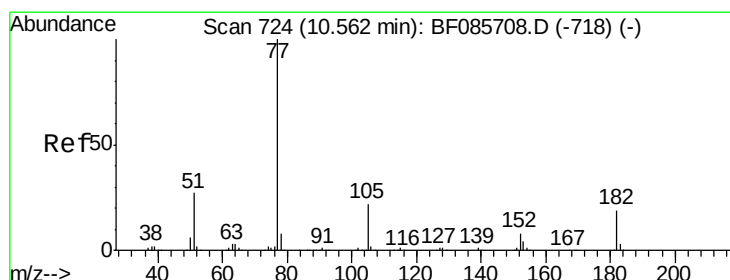
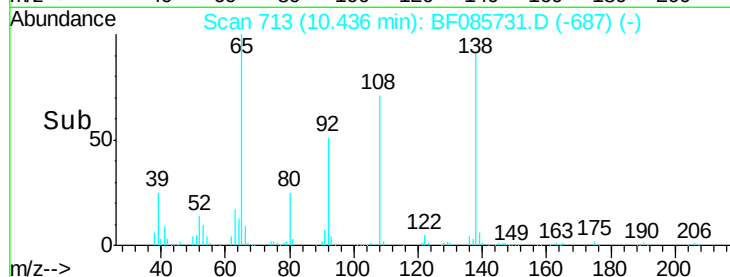
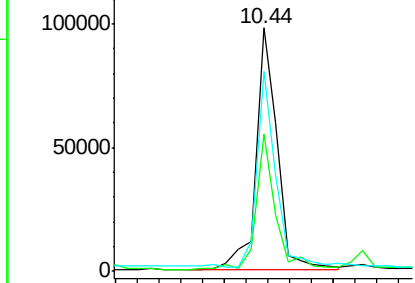
Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.5	26.4	66.4
108	81.9	49.0	89.0

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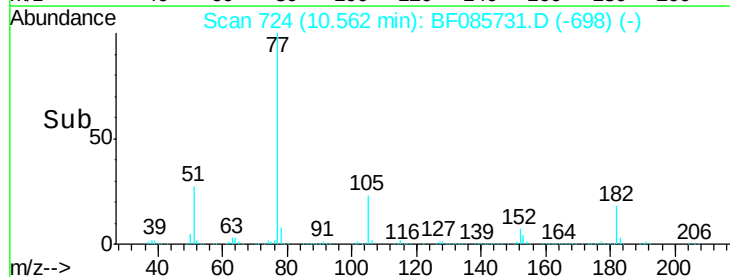
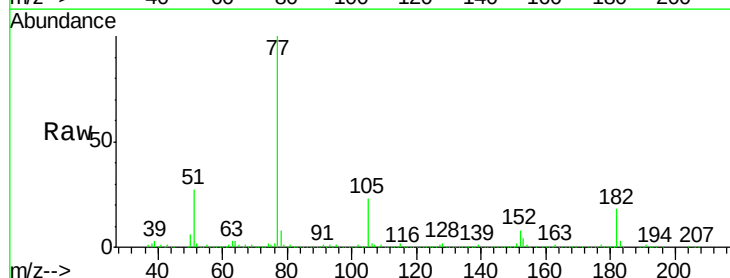
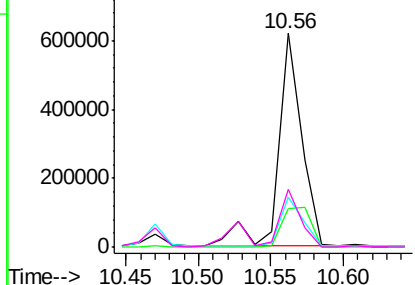
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

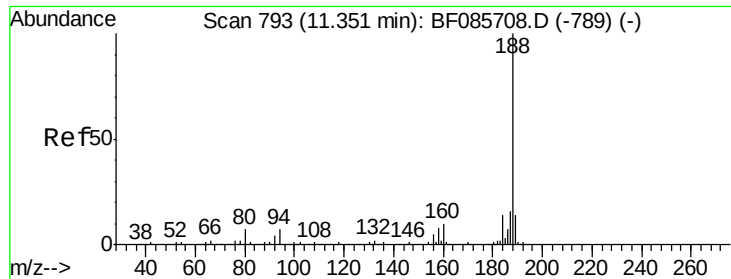


#62
Azobenzene
Concen: 45.94 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.2	1.9	41.9
105	23.2	3.5	43.5
51	27.2	6.3	46.3

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

ClientSampled :

PZ-1MSD

Tgt Ion:188 Resp: 397120
Ion Ratio Lower Upper

188 100

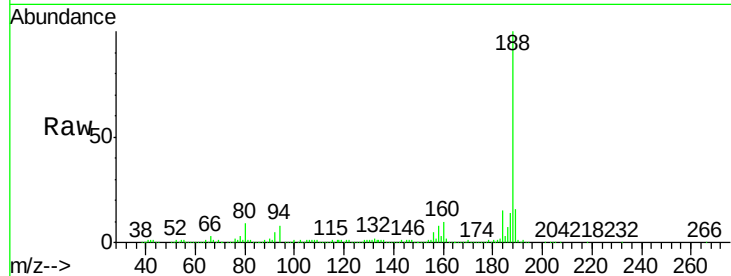
94 8.5 5.4 8.0#

80 9.0 5.5 8.3#

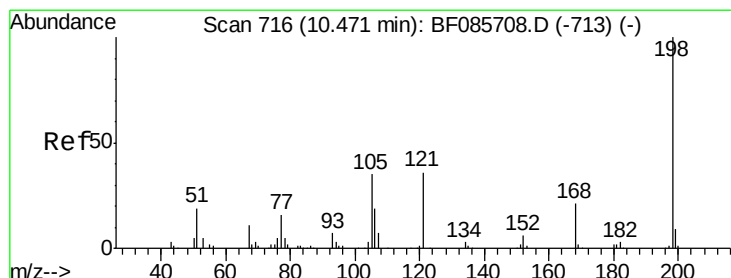
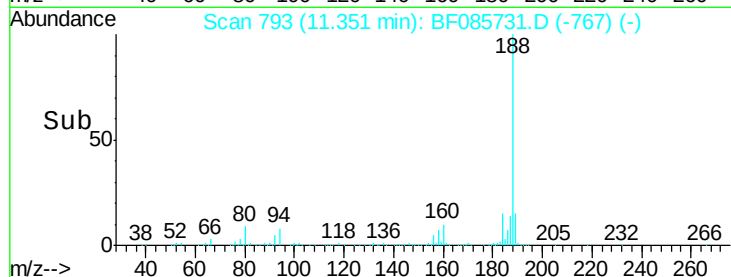
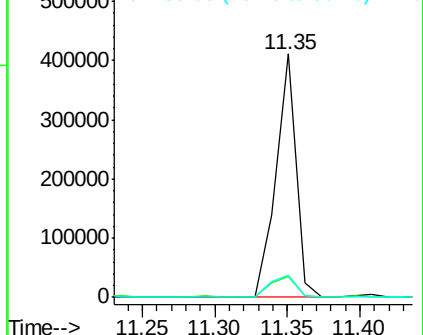
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.54 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF085731.D

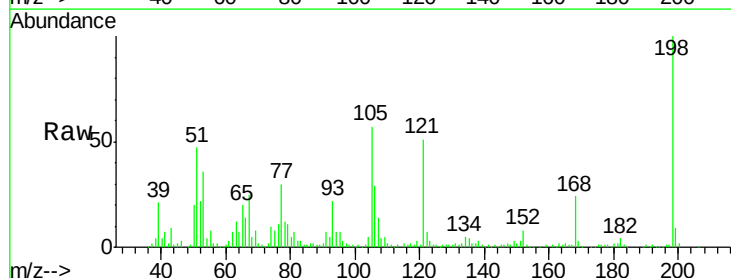
Acq: 24 Mar 2016 23:30

Tgt Ion:198 Resp: 103578
Ion Ratio Lower Upper

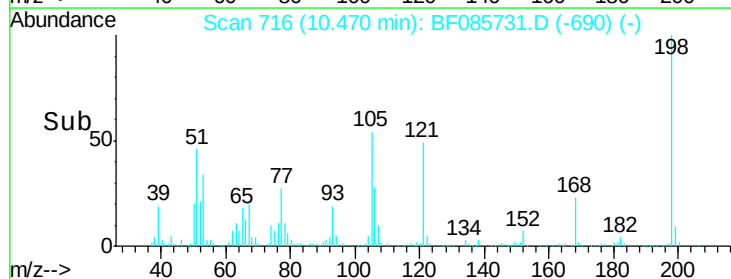
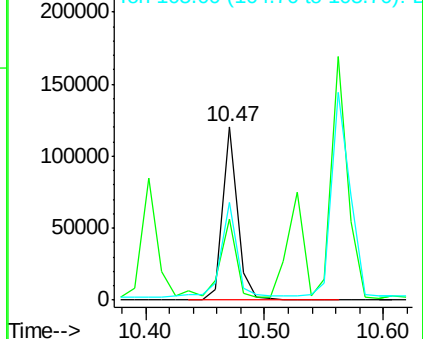
198 100

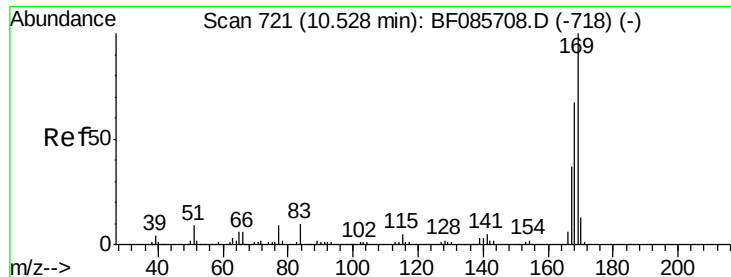
51 47.1 45.4 85.4

105 56.7 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





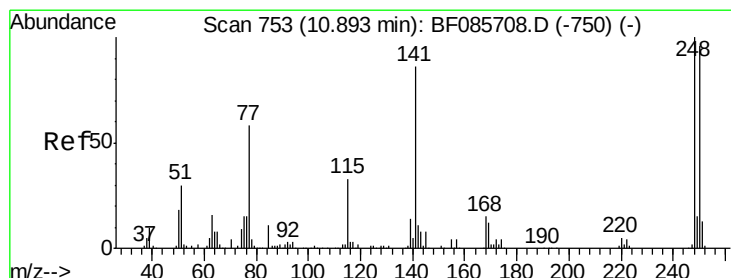
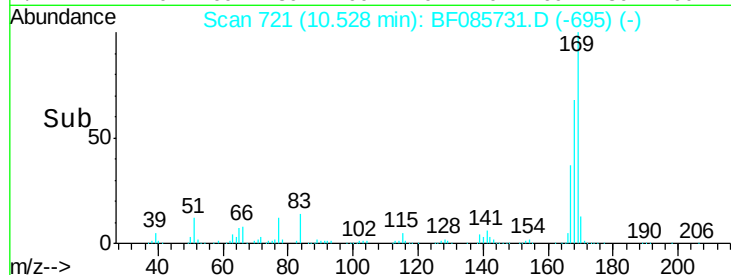
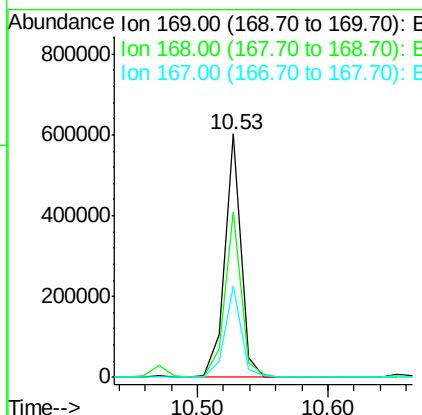
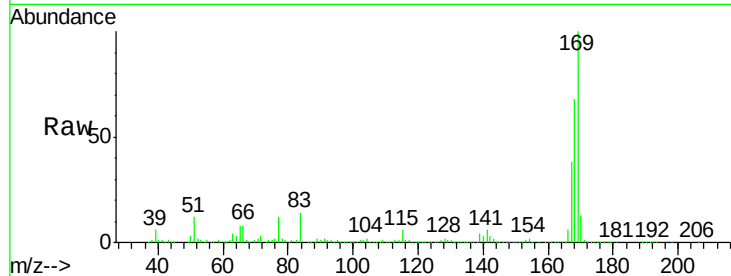
#65
 n-Nitrosodiphenylamine
 Concen: 41.44 ng
 RT: 10.53 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	521204		
168	67.9		54.4	81.6
167	37.6		29.4	44.0

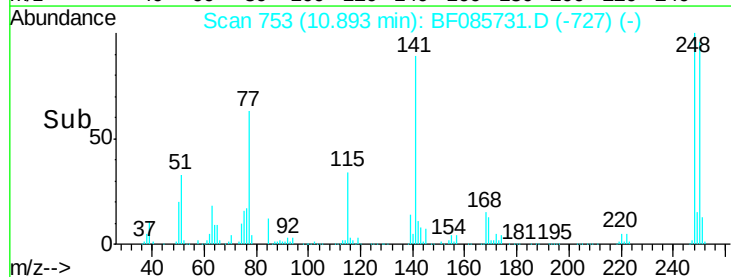
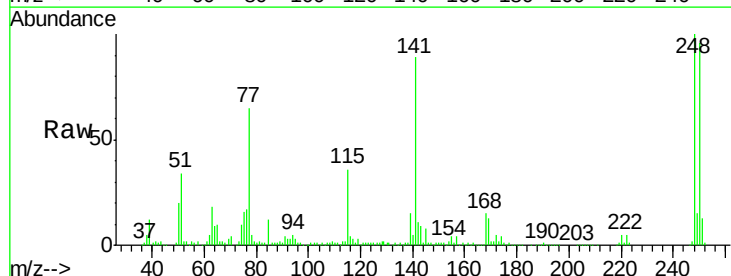
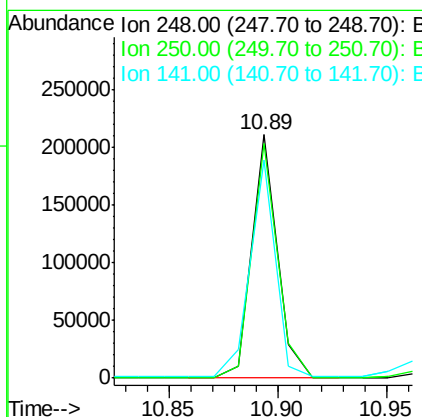
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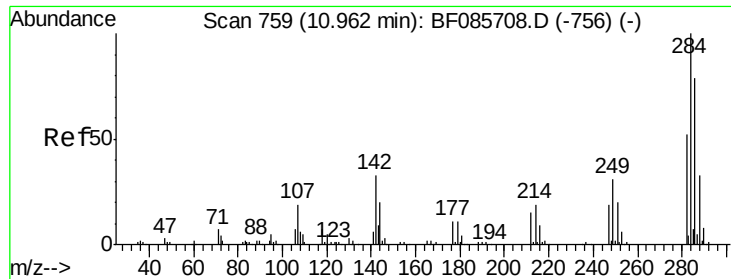
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#66
 4-Bromophenyl-phenylether
 Concen: 42.62 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	173164		
250	96.2		77.4	116.0
141	89.3		63.6	95.4





#67

Hexachlorobenzene

Concen: 44.92 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

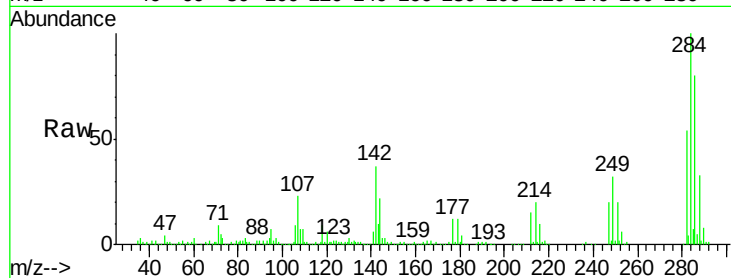
ClientSampleId :

PZ-1MSD

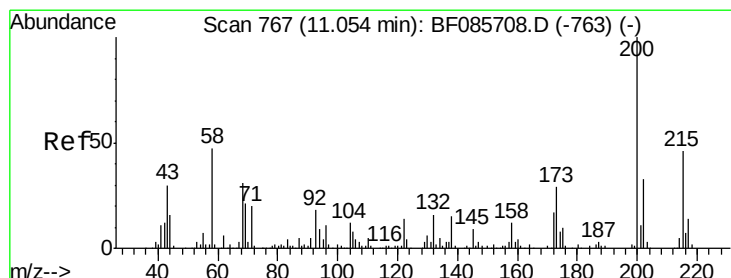
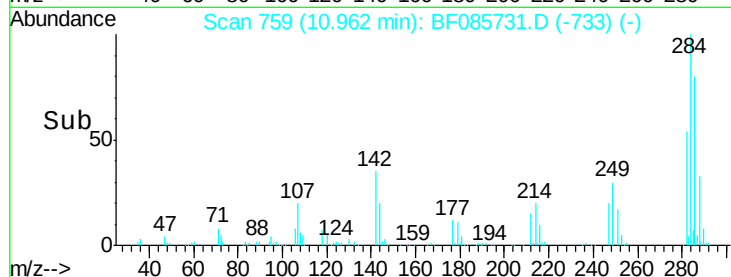
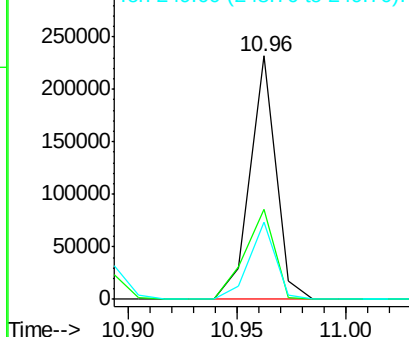
Tgt Ion:	284	Resp:	190865
Ion Ratio		Lower	Upper
284	100		
142	36.7	23.1	34.7#
249	31.7	24.2	36.2

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



#68

Atrazine

Concen: 38.49 ng

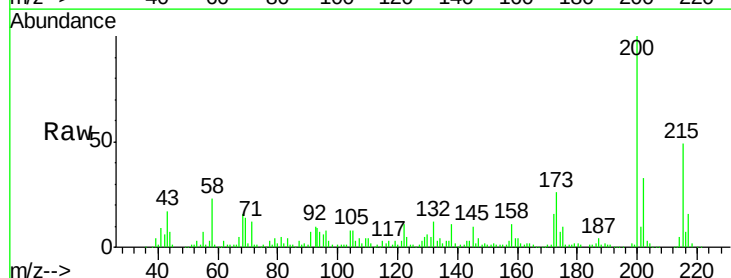
RT: 11.08 min Scan# 769

Delta R.T. 0.02 min

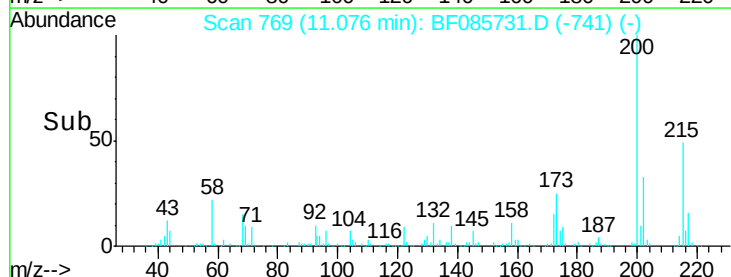
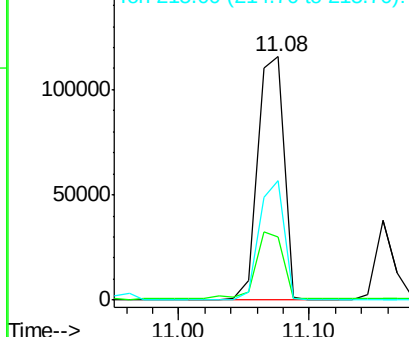
Lab File: BF085731.D

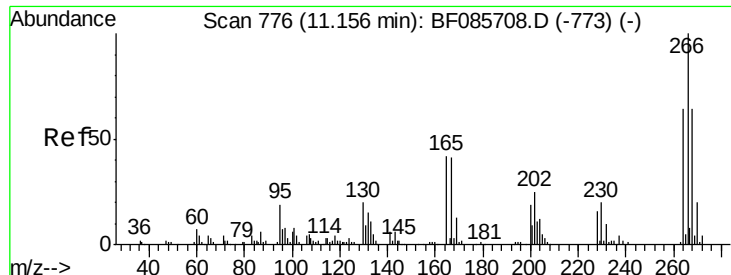
Acq: 24 Mar 2016 23:30

Tgt Ion:	200	Resp:	163440
Ion Ratio		Lower	Upper
200	100		
173	25.7	7.7	47.7
215	49.1	25.4	65.4



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





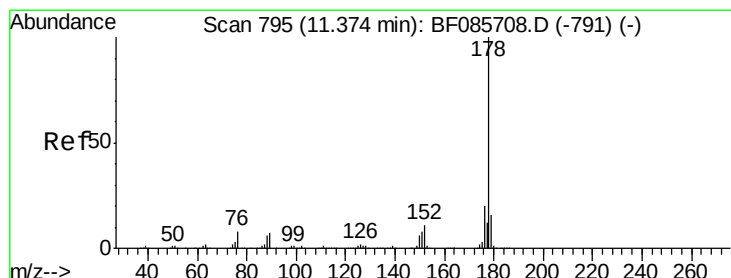
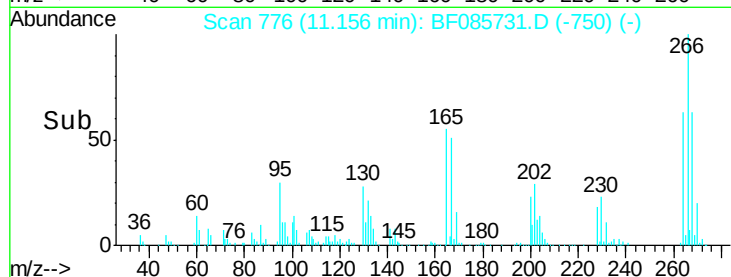
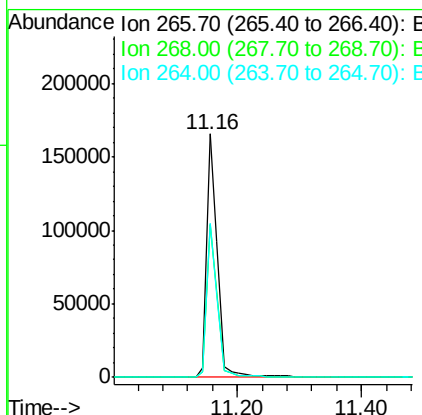
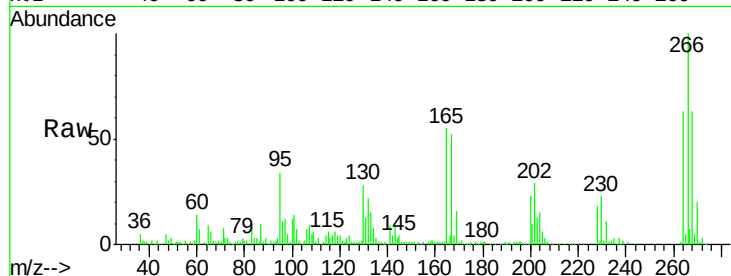
#69
 Pentachlorophenol
 Concen: 95.39 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Instrument :
 BNA_F
 ClientSampled :
 PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	198979		
268	62.9	51.5	77.3	
264	63.1	50.6	76.0	

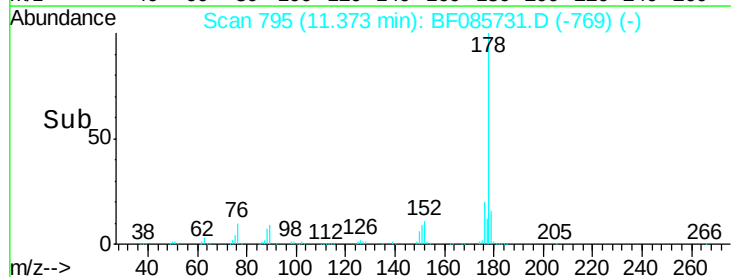
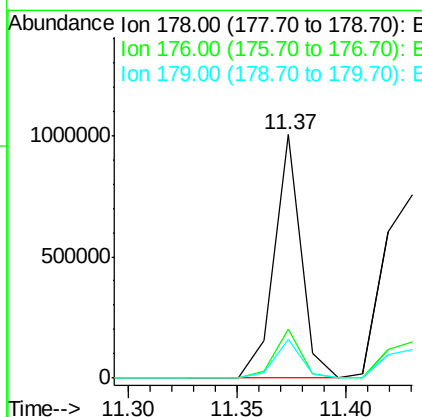
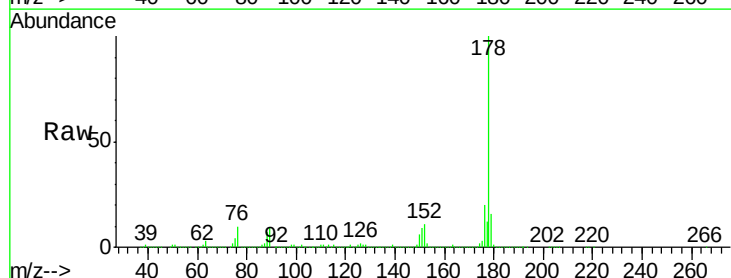
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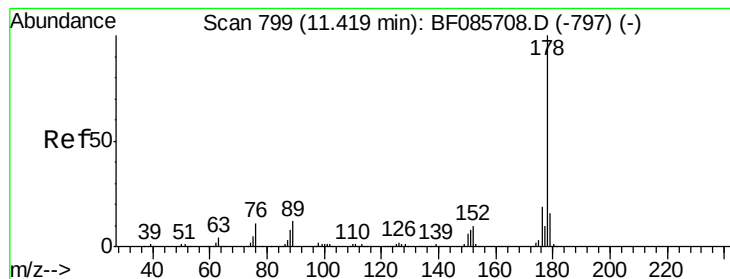
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#70
 Phenanthrene
 Concen: 42.39 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	864261		
176	20.4	16.3	24.5	
179	16.1	12.6	18.8	





#71

Anthracene

Concen: 44.69 ng

RT: 11.43 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

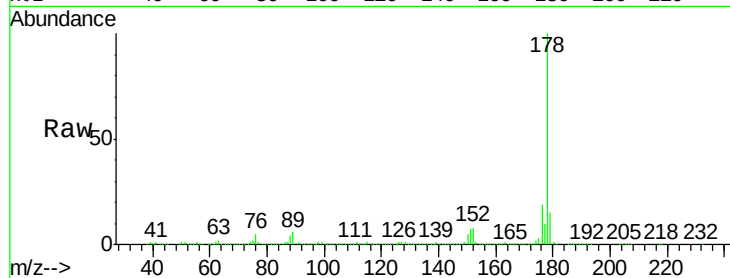
ClientSampled :

PZ-1MSD

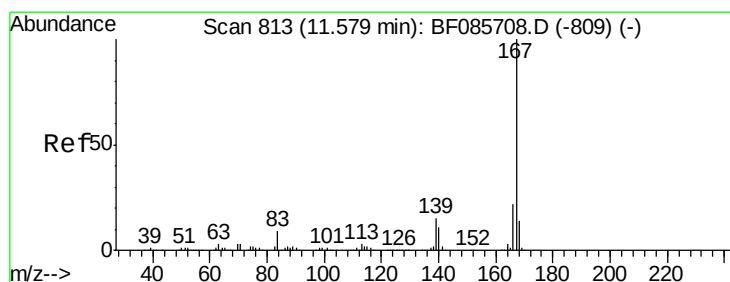
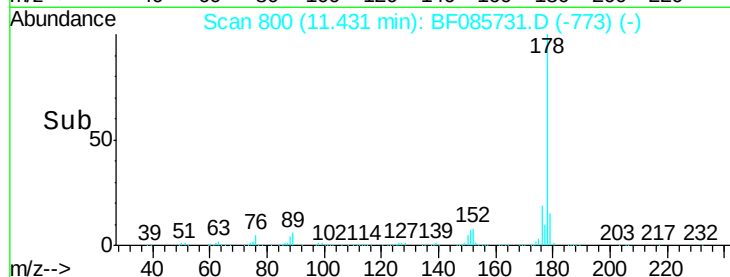
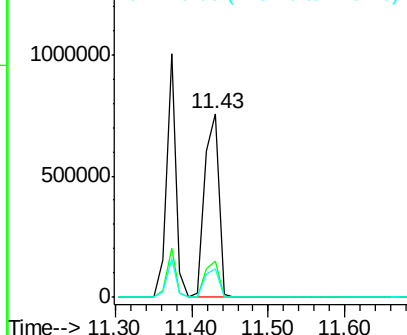
Tgt Ion:	178	Resp:	956639
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.9	23.9
179	15.4	13.0	19.4

Manual Integrations
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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



#72

Carbazole

Concen: 41.35 ng

RT: 11.58 min Scan# 813

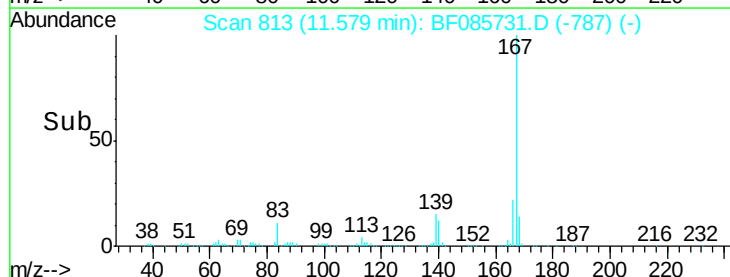
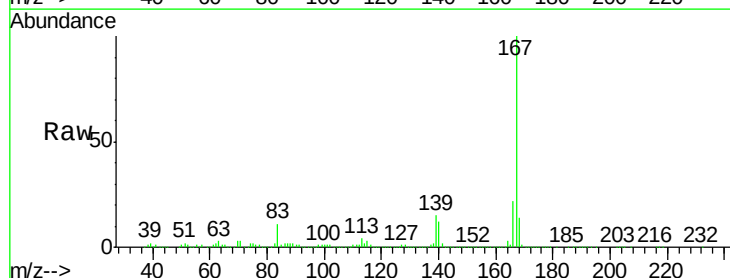
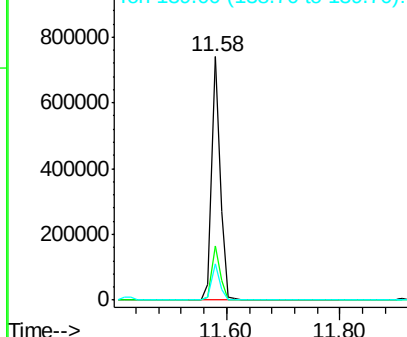
Delta R.T. -0.00 min

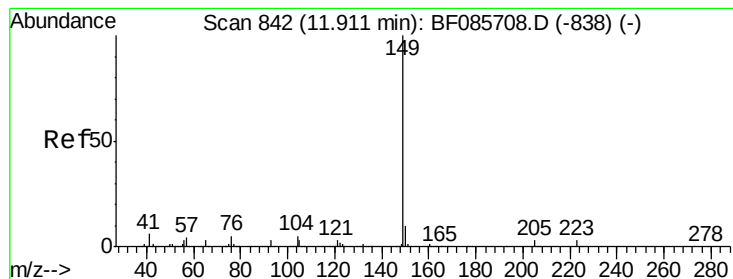
Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Tgt Ion:	167	Resp:	743175
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.8	26.8
139	15.1	11.6	17.4

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





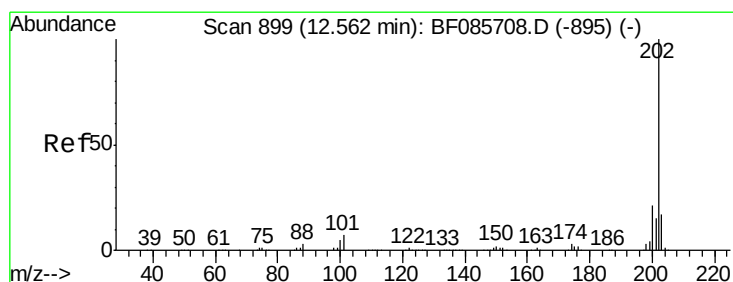
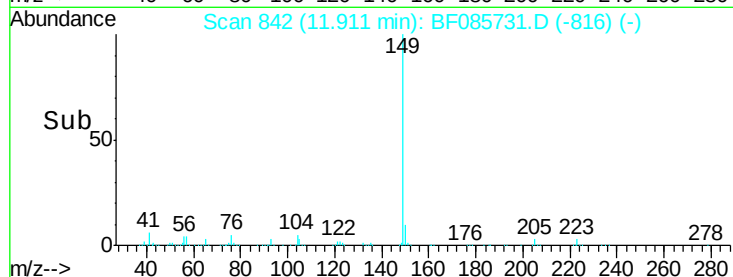
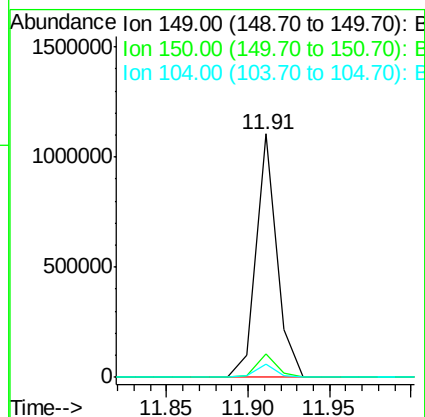
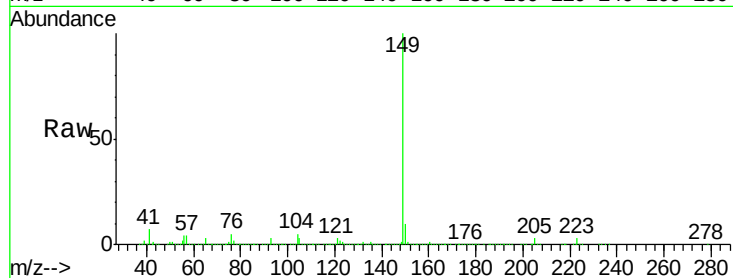
#73
Di-n-butylphthalate
Concen: 39.44 ng
RT: 11.91 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Instrument :
BNA_F
ClientSampled :
PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	972571		
150	9.7		7.6	11.4
104	5.2		3.8	5.8

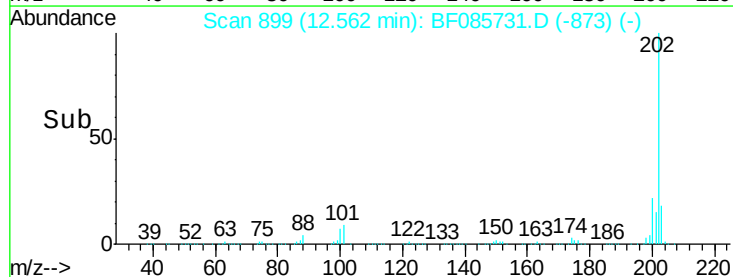
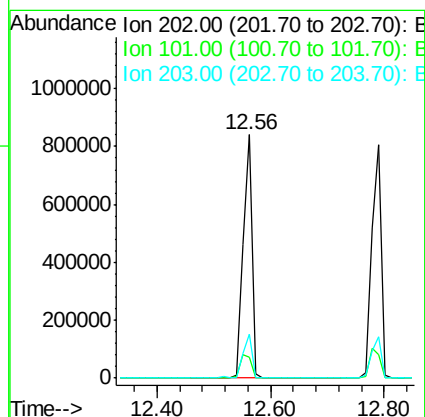
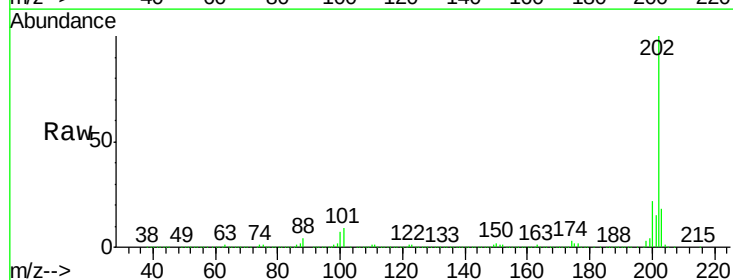
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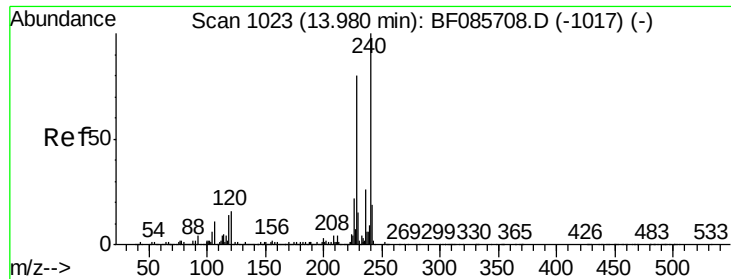
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#74
Fluoranthene
Concen: 42.59 ng
RT: 12.56 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	923021		
101	8.8		0.0	36.6
203	18.0		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

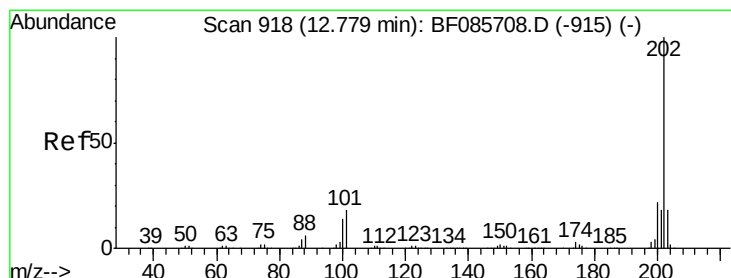
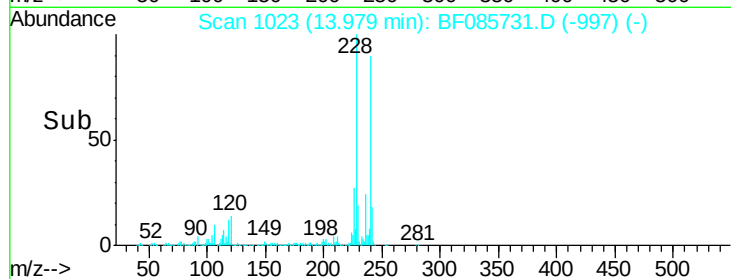
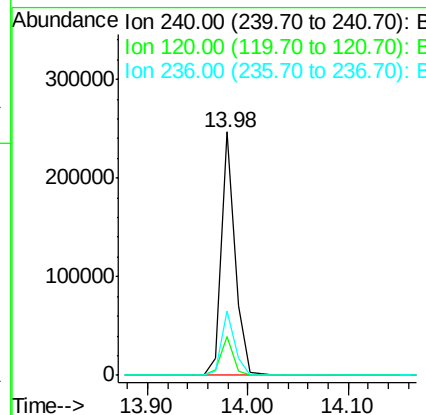
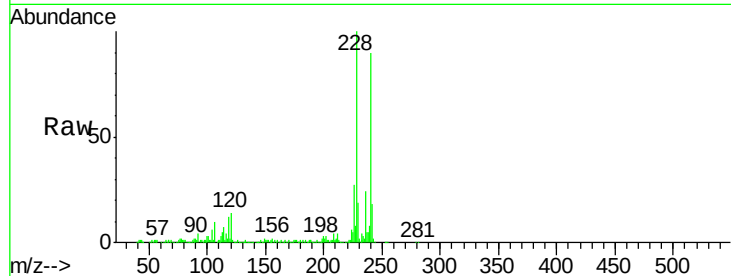
ClientSampleId :

PZ-1MSD

Tgt Ion:	240	Resp:	234307
Ion Ratio	Lower	Upper	
240	100		
120	15.9	13.8	20.8
236	26.4	20.6	30.8

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#77

Pyrene

Concen: 48.45 ng

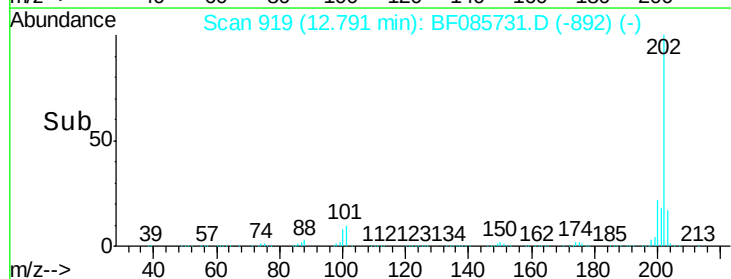
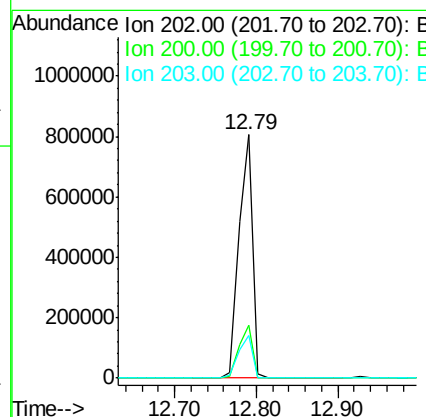
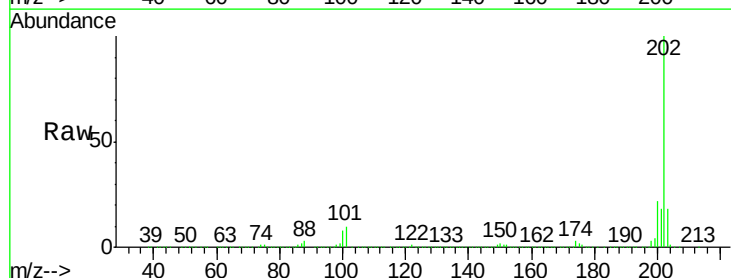
RT: 12.79 min Scan# 919

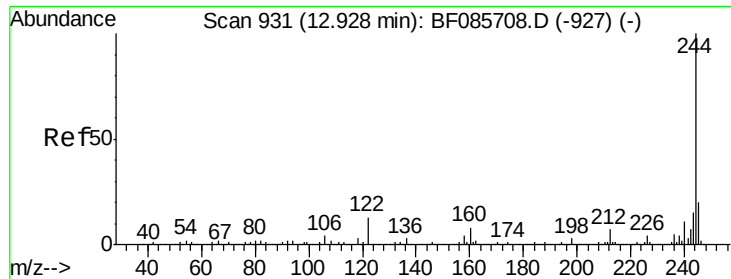
Delta R.T. 0.01 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Tgt Ion:	202	Resp:	933103
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.6	26.4
203	17.5	14.0	21.0





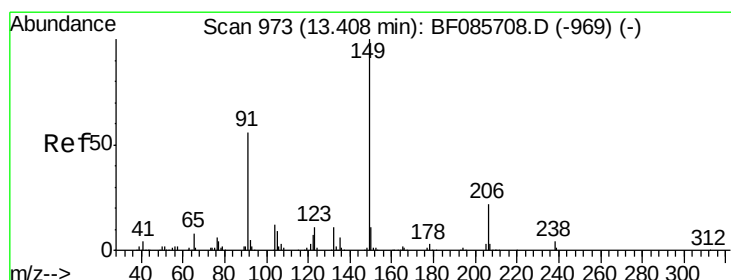
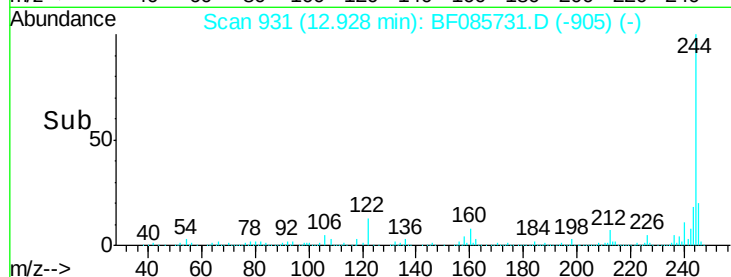
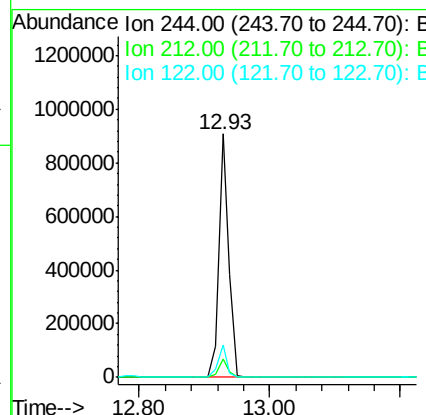
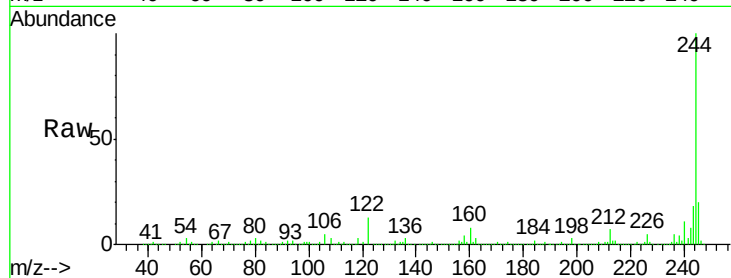
#78
 Terphenyl-d14
 Concen: 85.77 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	977170		
212	7.5	6.1	9.1	
122	13.4	10.2	15.4	

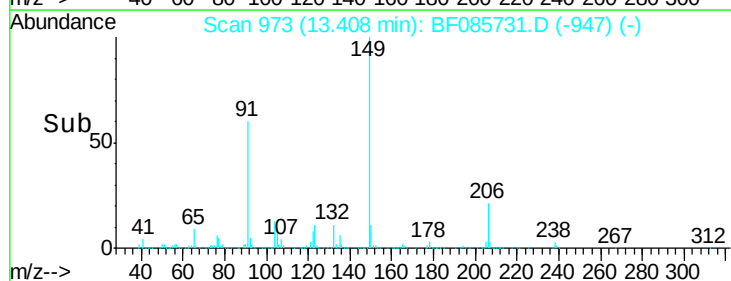
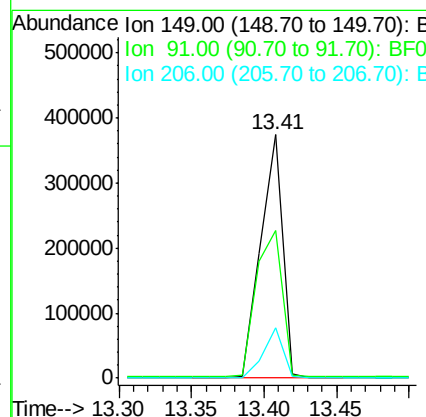
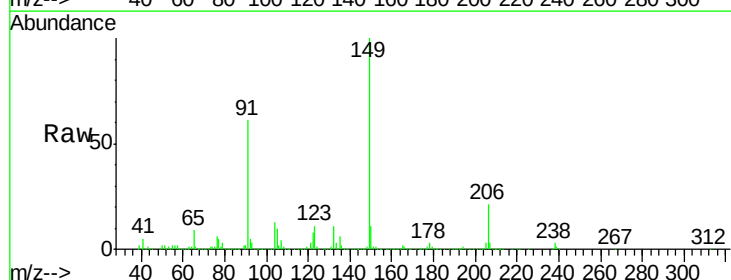
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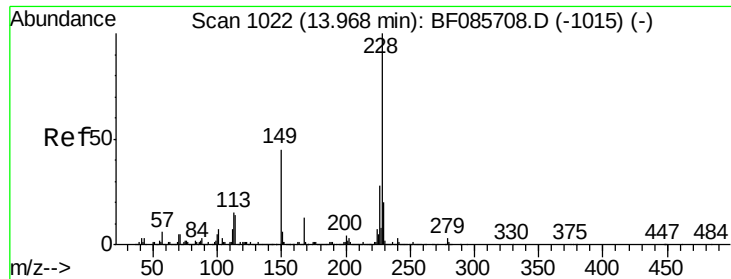
Sohil
 3/25/2016 3:04:33 PM



#79
 Butylbenzylphthalate
 Concen: 48.69 ng
 RT: 13.41 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF085731.D
 Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	392685		
91	60.8	45.8	68.8	
206	20.7	17.8	26.8	





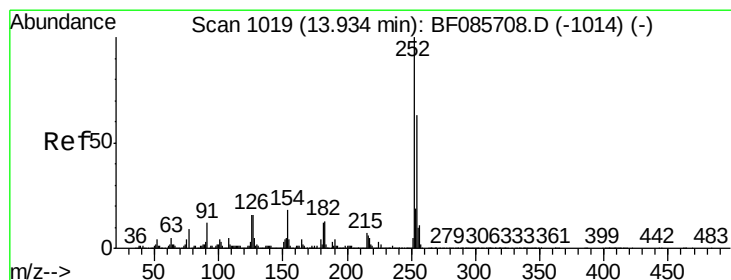
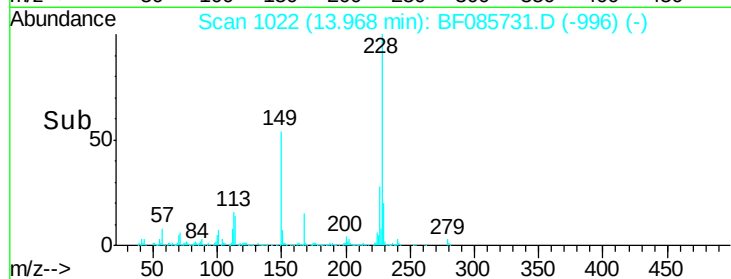
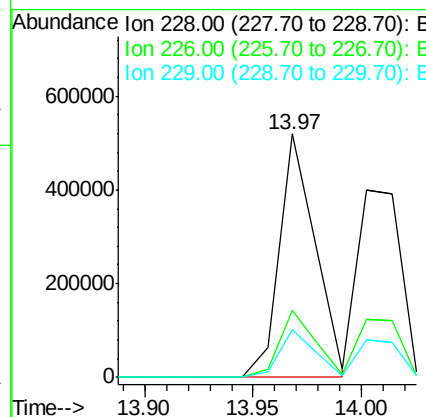
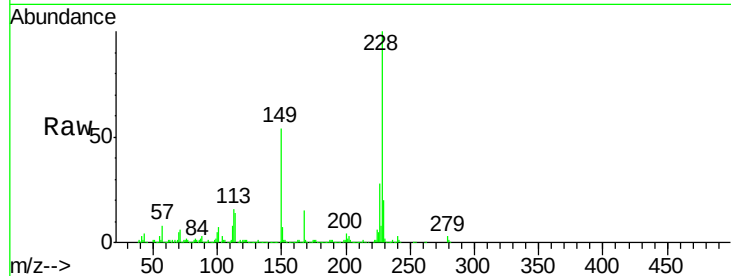
#80
Benzo(a)anthracene
Concen: 44.89 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Instrument :
BNA_F
ClientSampleId :
PZ-1MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.8	16.2	24.4

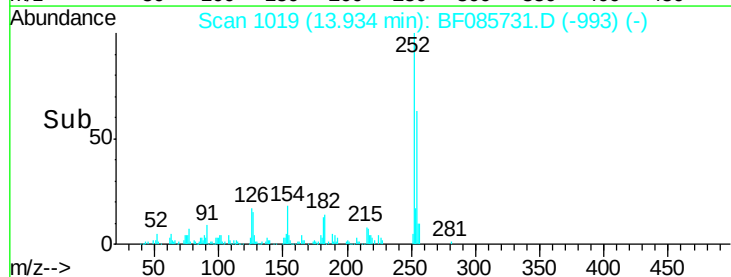
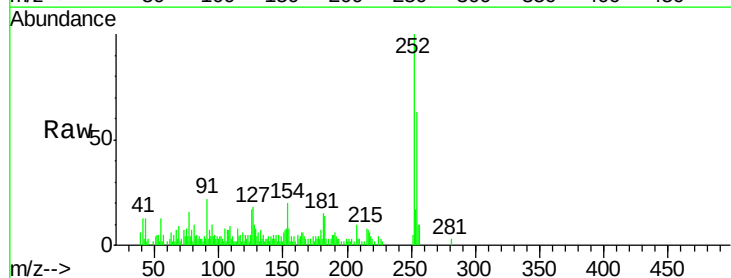
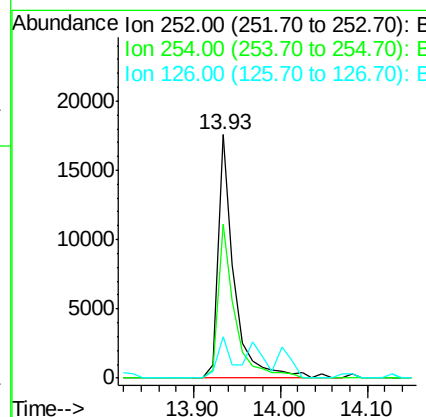
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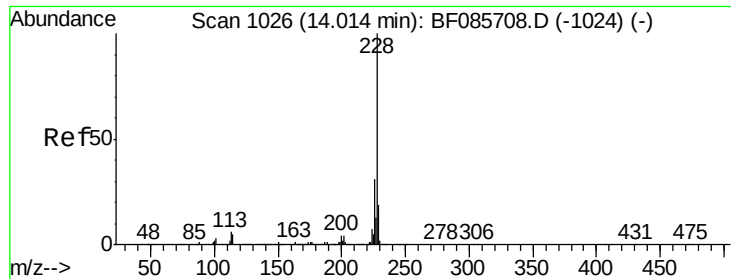
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 2.46 ng
RT: 13.93 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.7	76.1
126	17.0	11.8	17.6





#82

Chrysene

Concen: 41.57 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

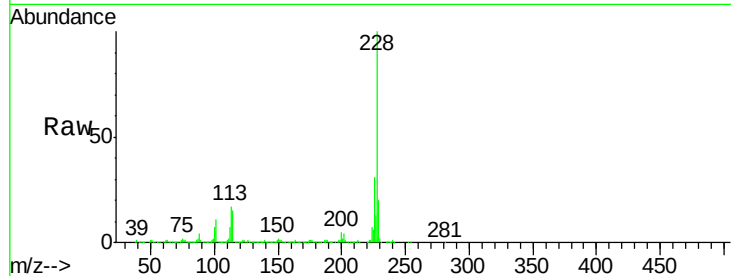
ClientSampleId :

PZ-1MSD

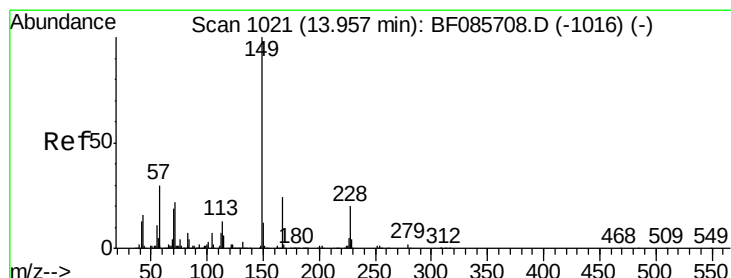
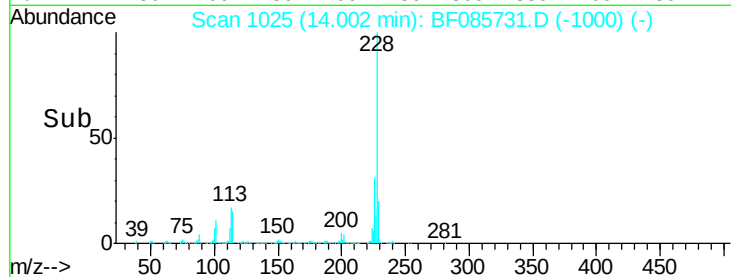
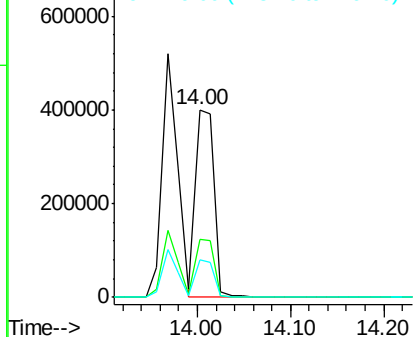
Tgt Ion:	228	Resp:	559444
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	20.0	15.7	23.5

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.39 ng

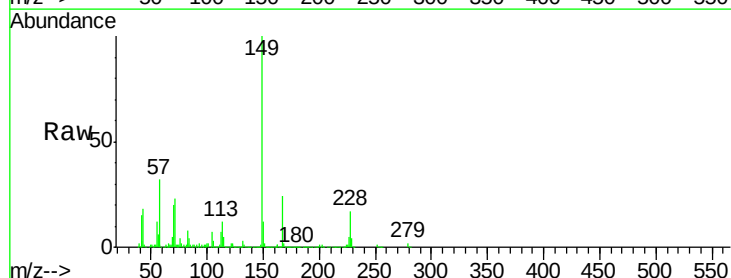
RT: 13.96 min Scan# 1021

Delta R.T. -0.00 min

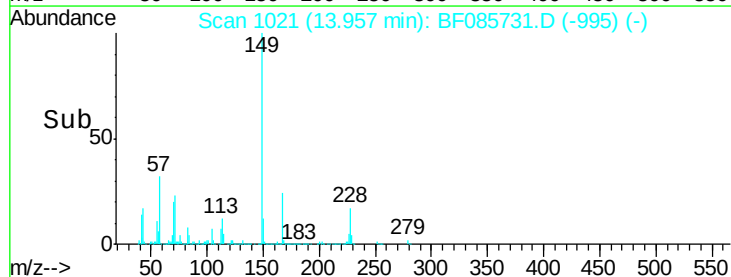
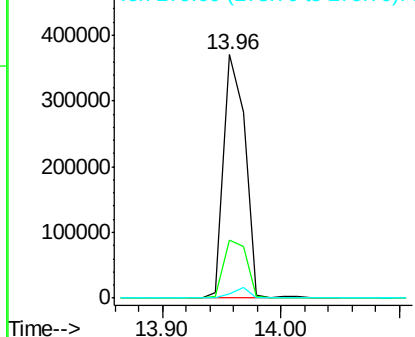
Lab File: BF085731.D

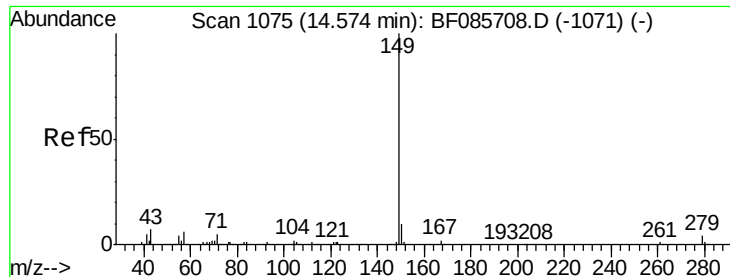
Acq: 24 Mar 2016 23:30

Tgt Ion:	149	Resp:	457660
Ion Ratio	Lower	Upper	
149	100		
167	23.9	19.4	29.2
279	1.7	1.5	2.3



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: 51.55 ng

RT: 14.57 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Instrument :

BNA_F

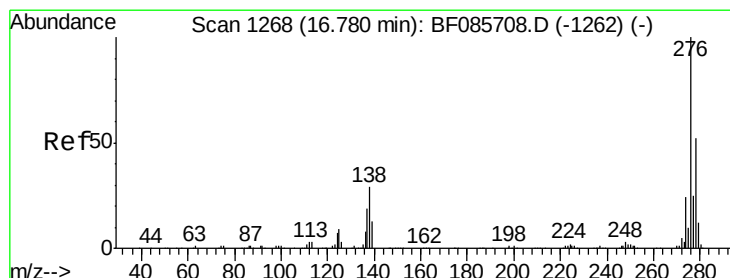
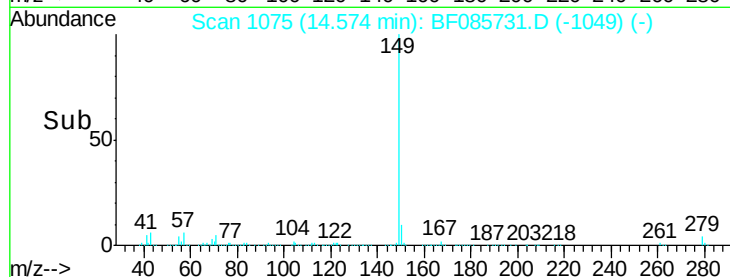
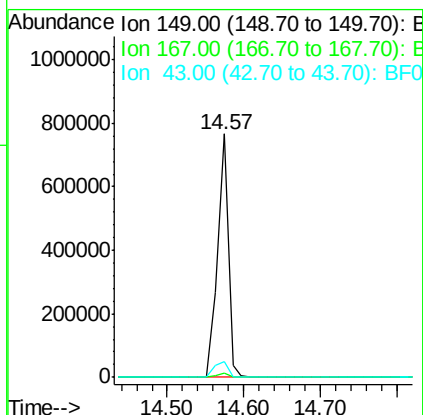
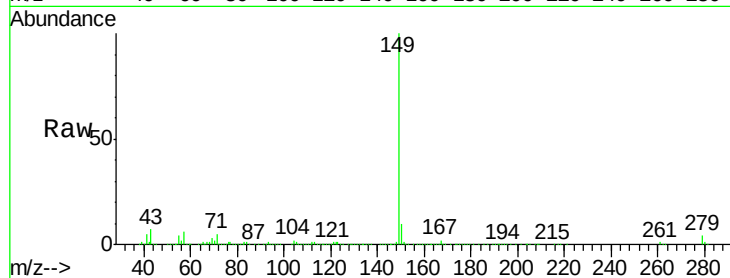
ClientSampled :

PZ-1MSD

Tgt Ion:	149	Resp:	740282
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.5	7.1	10.7

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 53.57 ng

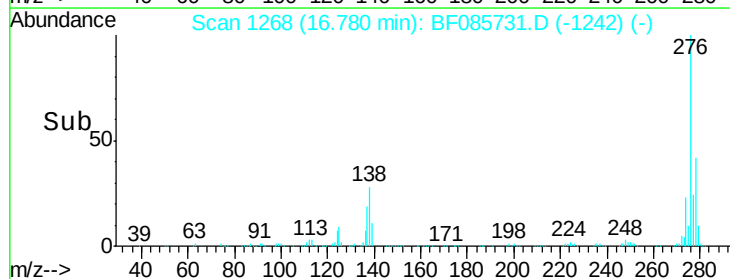
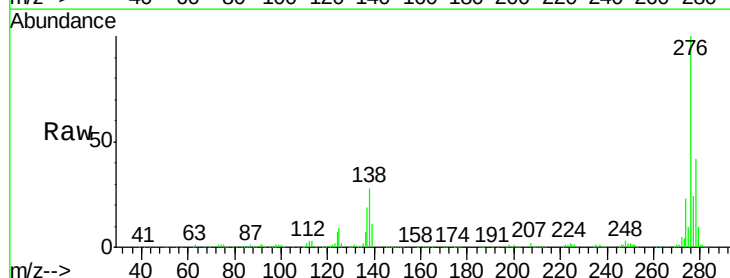
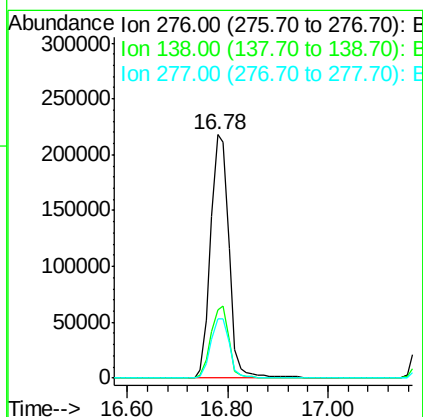
RT: 16.78 min Scan# 1268

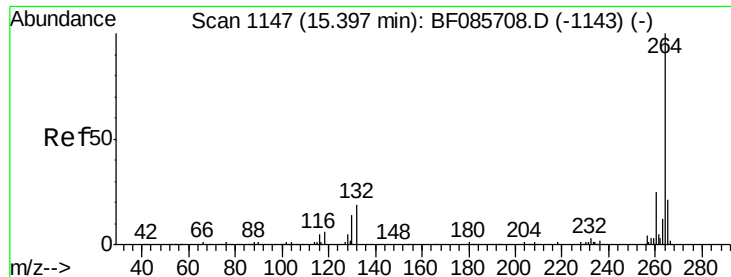
Delta R.T. -0.00 min

Lab File: BF085731.D

Acq: 24 Mar 2016 23:30

Tgt Ion:	276	Resp:	556690
Ion Ratio	Lower	Upper	
276	100		
138	29.3	24.2	36.4
277	25.1	20.0	30.0





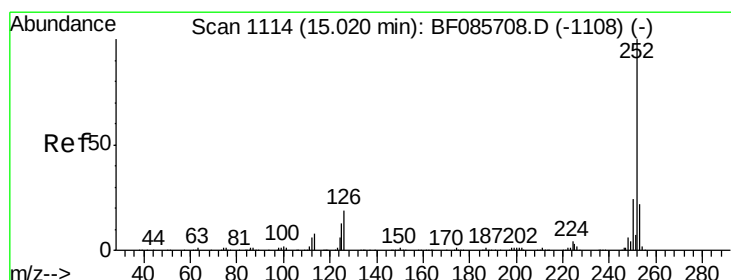
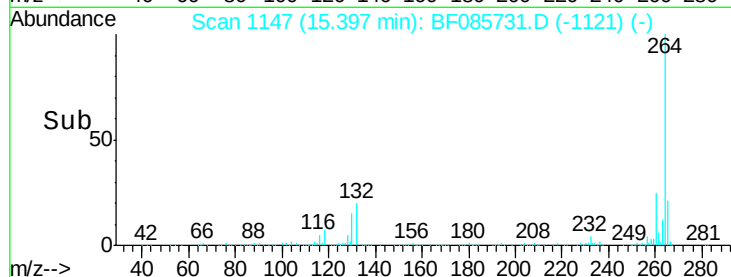
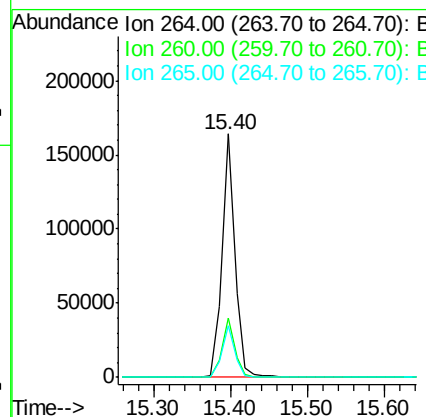
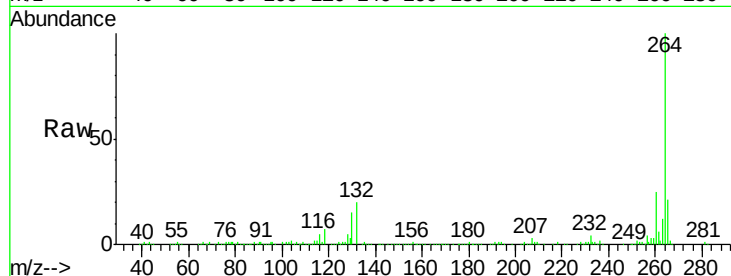
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Instrument :
BNA_F
ClientSampleId :
PZ-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	193876		
260	24.5	19.4	29.2	
265	21.1	17.2	25.8	

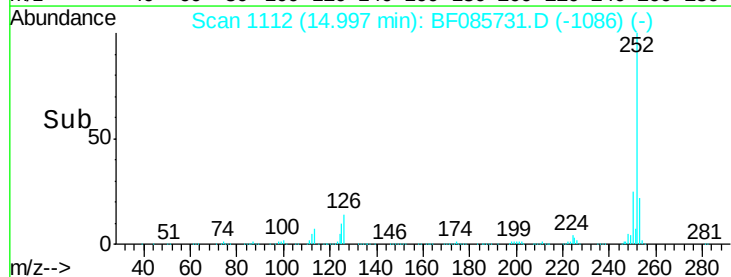
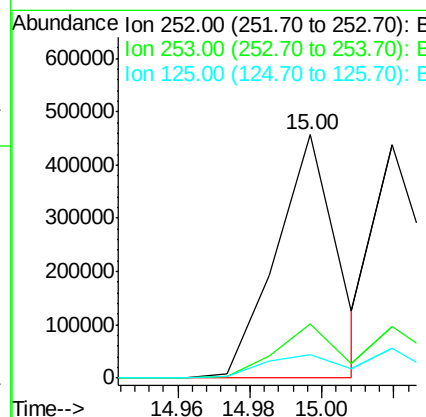
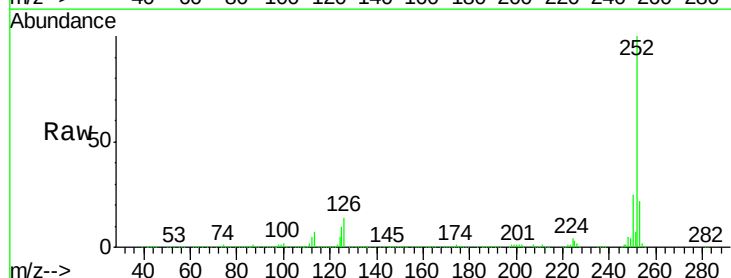
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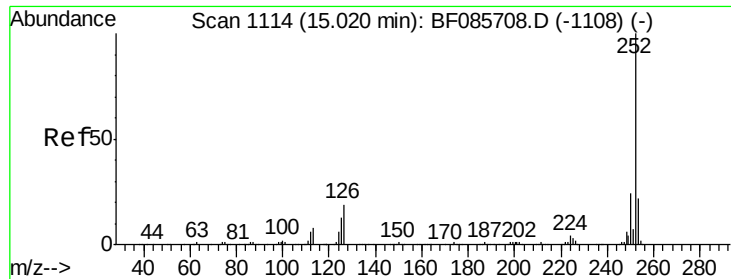
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#87
Benzo(b)fluoranthene
Concen: 44.07 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	538310		
253	22.0	17.6	26.4	
125	9.9	10.3	15.5#	





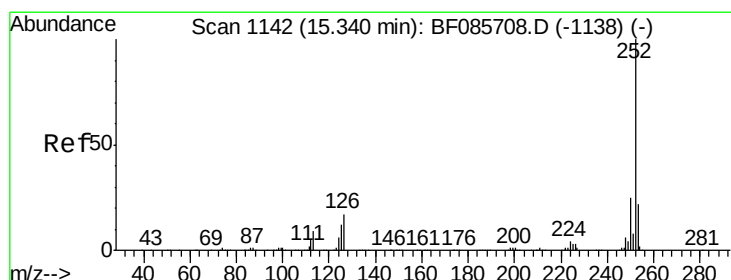
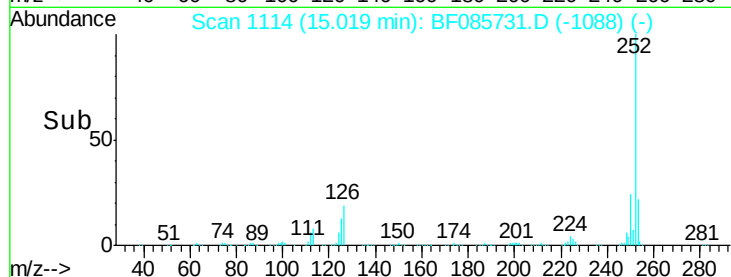
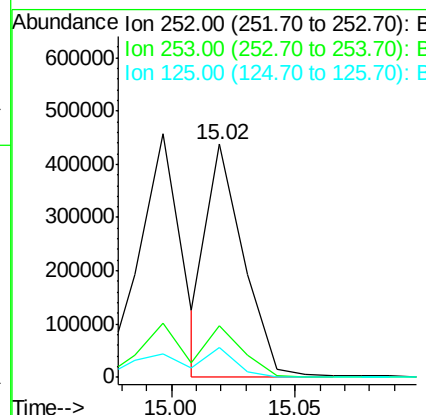
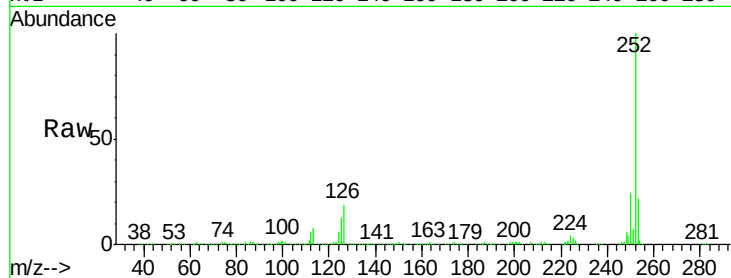
#88
Benzo(k)fluoranthene
Concen: 40.90 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Instrument :
BNA_F
ClientSampleId :
PZ-1MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.9	7.7	11.5

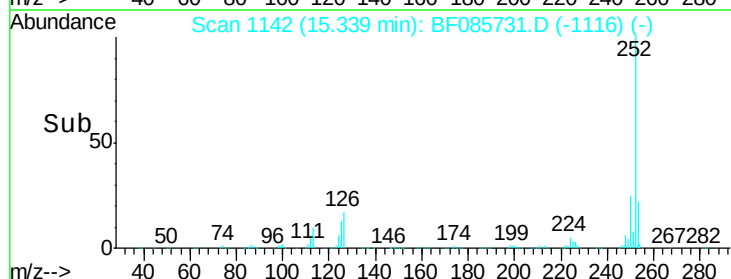
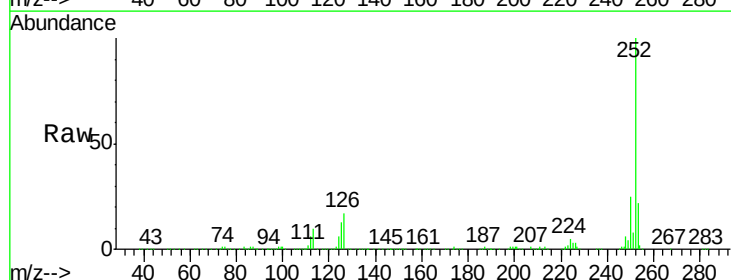
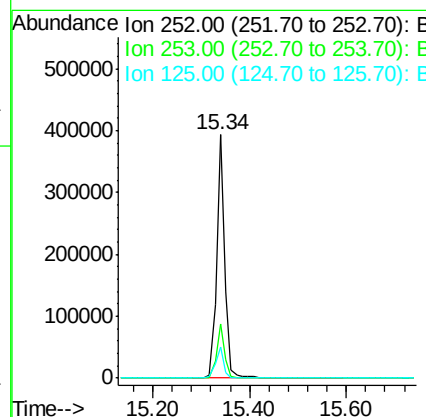
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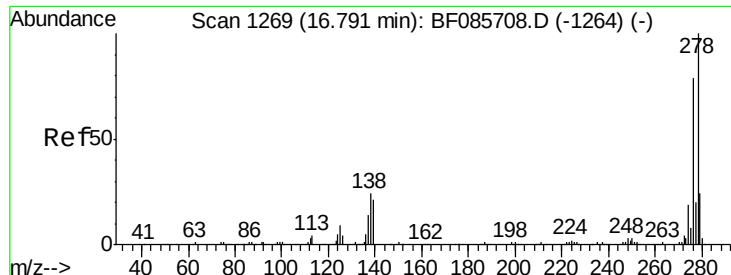
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#89
Benzo(a)pyrene
Concen: 44.08 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	12.9	10.3	15.5





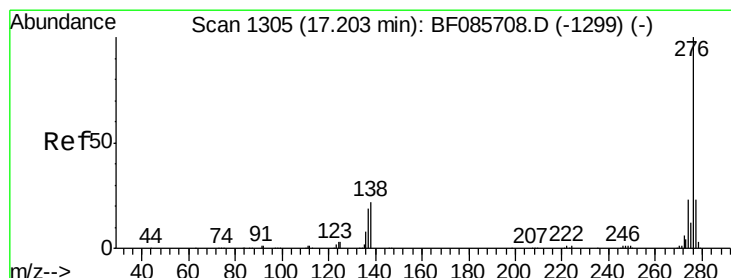
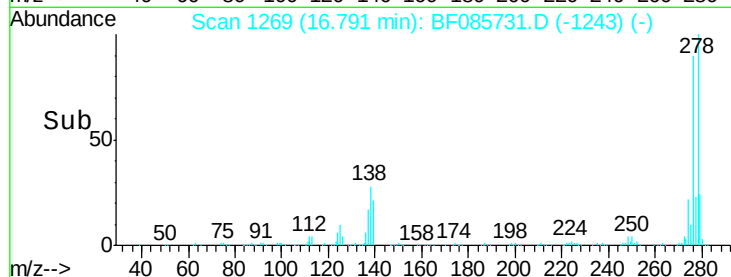
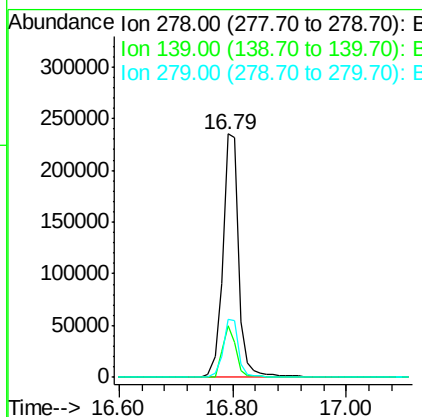
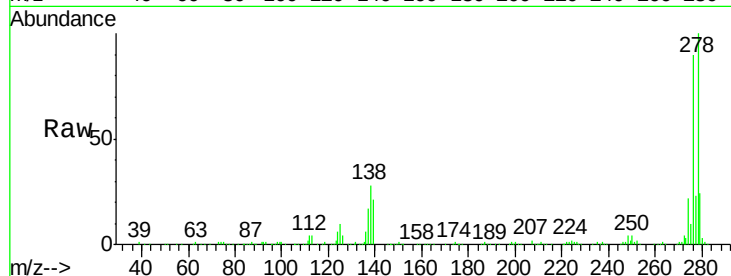
#90
Dibenzo(a,h)anthracene
Concen: 46.01 ng
RT: 16.79 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Instrument :
BNA_F
ClientSampleId :
PZ-1MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	14.4	21.6
279	23.7	19.1	28.7

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3/25/2016 3:04:33 PM



#91
Benzo(g,h,i)perylene
Concen: 46.57 ng
RT: 17.20 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF085731.D
Acq: 24 Mar 2016 23:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	25.7	22.6	34.0

