

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085802.D
 Acq On : 28 Mar 2016 15:31
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 3/29/2016 12:03:11 PM

Quant Time: Mar 28 17:08:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:50:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	123540	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	518363	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	221557	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	401467	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	295641	20.00	ng	0.00
86) Perylene-d12	15.40	264	202605	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	585575	78.94	ng	0.00
7) Phenol-d6	6.46	99	772892	81.95	ng	0.00
23) Nitrobenzene-d5	7.38	82	688907	74.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	184558	87.67	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1118737	84.36	ng	-0.01
78) Terphenyl-d14	12.93	244	1149621	79.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	144177	40.70	ng	99
3) Pyridine	3.09	79	394184	46.42	ng	98
4) n-Nitrosodimethylamine	3.04	42	143815	42.30	ng	98
6) Aniline	6.48	93	518157	40.81	ng	99
8) 2-Chlorophenol	6.61	128	351457	40.78	ng	91
9) Benzaldehyde	6.37	77	210715	37.08	ng	90
10) Phenol	6.47	94	461863	43.22	ng	88
11) bis(2-Chloroethyl)ether	6.56	93	331020	40.26	ng	93
12) 1,3-Dichlorobenzene	6.76	146	378310	40.76	ng	# 94
13) 1,4-Dichlorobenzene	6.84	146	390302	41.47	ng	95
14) 1,2-Dichlorobenzene	6.98	146	336618	38.37	ng	94
15) Benzyl Alcohol	6.96	79	238567	37.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	419102	38.41	ng	98
17) 2-Methylphenol	7.08	107	278640	40.38	ng	98
18) Hexachloroethane	7.33	117	140499	40.77	ng	# 87
19) n-Nitroso-di-n-propylamine	7.24	70	200109	35.44	ng	93
20) 3+4-Methylphenols	7.24	107	310354	37.41	ng	96
22) Acetophenone	7.24	105	463815	38.41	ng	# 96
24) Nitrobenzene	7.41	77	396416	41.78	ng	96
25) Isophorone	7.65	82	667779	37.66	ng	97
26) 2-Nitrophenol	7.73	139	197394	41.58	ng	91
27) 2,4-Dimethylphenol	7.76	122	297554	35.86	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	372477	36.87	ng	98
29) 2,4-Dichlorophenol	7.97	162	276486	39.64	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	299555	38.68	ng	98
31) Naphthalene	8.13	128	996663	38.16	ng	100
32) Benzoic acid	7.90	122	233546	42.38	ng	99
33) 4-Chloroaniline	8.18	127	401085	37.61	ng	97
34) Hexachlorobutadiene	8.24	225	152397	36.21	ng	99
35) Caprolactam	8.56	113	83223	33.68	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	294708	36.17	ng	96
37) 2-Methylnaphthalene	8.81	142	596804	37.67	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	271840	41.37	ng	99
40) Hexachlorocyclopentadiene	8.97	237	91774	38.85	ng	99

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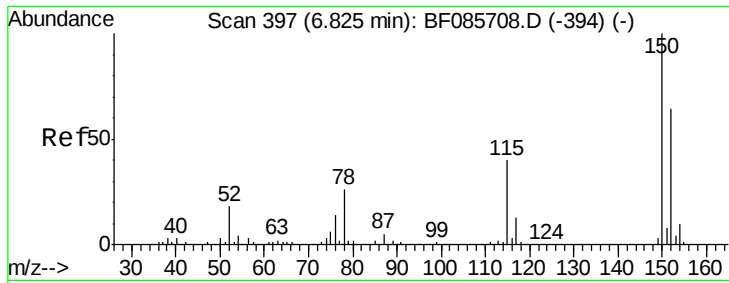
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	181972	41.01	ng	100
43) 2,4,5-Trichlorophenol	9.14	196	195184	41.94	ng #	94
45) 1,1'-Biphenyl	9.28	154	717801	38.39	ng	98
46) 2-Chloronaphthalene	9.30	162	544752	39.63	ng #	90
47) 2-Nitroaniline	9.41	65	181718	43.23	ng	96
48) Acenaphthylene	9.72	152	916611	40.92	ng	99
49) Dimethylphthalate	9.59	163	712546	42.39	ng	99
50) 2,6-Dinitrotoluene	9.65	165	134626	37.21	ng	93
51) Acenaphthene	9.90	154	555243	40.58	ng	99
52) 3-Nitroaniline	9.82	138	164192	39.64	ng	98
53) 2,4-Dinitrophenol	9.93	184	71528	42.21	ng #	71
54) Dibenzofuran	10.07	168	709560	40.07	ng	94
55) 4-Nitrophenol	9.99	139	110704	41.03	ng	87
56) 2,4-Dinitrotoluene	10.06	165	202961	44.13	ng #	80
57) Fluorene	10.41	166	589968	40.08	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	132224	40.88	ng	100
59) Diethylphthalate	10.29	149	709702	42.73	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	313363	43.54	ng #	88
61) 4-Nitroaniline	10.44	138	180290	45.51	ng	97
62) Azobenzene	10.56	77	704612	44.15	ng	94
64) 4,6-Dinitro-2-methylphenol	10.47	198	106240	45.19	ng #	52
65) n-Nitrosodiphenylamine	10.52	169	506258	39.81	ng	98
66) 4-Bromophenyl-phenylether	10.89	248	178289	43.41	ng #	85
67) Hexachlorobenzene	10.96	284	181651	42.29	ng #	88
68) Atrazine	11.05	200	177670	41.39	ng	96
69) Pentachlorophenol	11.16	266	92579	43.90	ng	99
70) Phenanthrene	11.36	178	887634	43.06	ng	100
71) Anthracene	11.42	178	906352	41.88	ng	99
72) Carbazole	11.58	167	823973	45.35	ng	99
73) Di-n-butylphthalate	11.91	149	1022622	41.02	ng #	98
74) Fluoranthene	12.55	202	822149	37.52	ng	98
76) Benzidine	12.68	184	394973	37.94	ng	99
77) Pyrene	12.78	202	827367	34.05	ng	99
79) Butylbenzylphthalate	13.40	149	373176	36.67	ng #	75
80) Benzo(a)anthracene	13.97	228	665253	39.46	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	429437	36.71	ng	99
82) Chrysene	14.00	228	563438	33.18	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	464860	38.15	ng #	98
84) Di-n-octyl phthalate	14.56	149	663857	36.64	ng	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	543779	41.47	ng	99
87) Benzo(b)fluoranthene	15.00	252	575767m	45.11	ng	
88) Benzo(k)fluoranthene	15.02	252	398771m	34.66	ng	
89) Benzo(a)pyrene	15.34	252	461584	40.73	ng #	97
90) Dibenzo(a,h)anthracene	16.79	278	454635	43.18	ng	99
91) Benzo(g,h,i)perylene	17.20	276	466829	43.78	ng #	94

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



#1

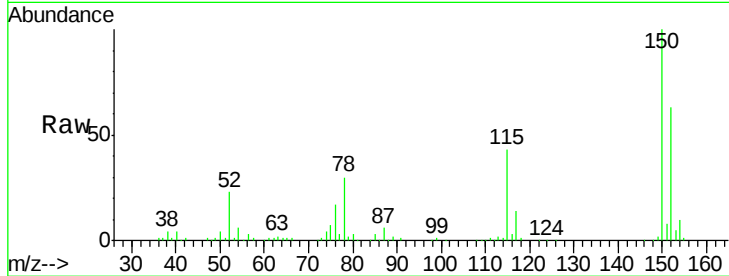
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
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SSTDCCC040

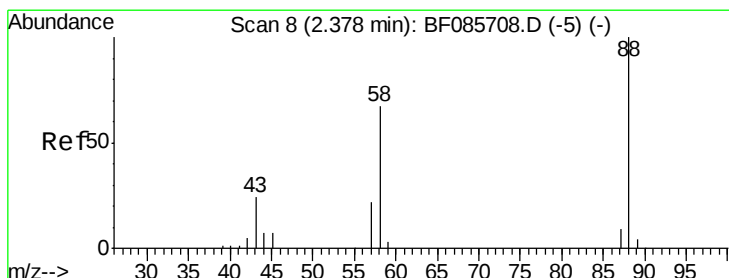
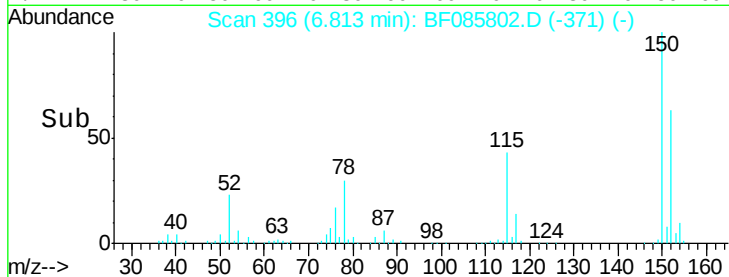
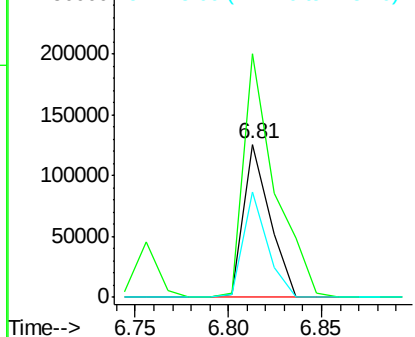
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.2	186.2
115	69.2	47.0	70.6

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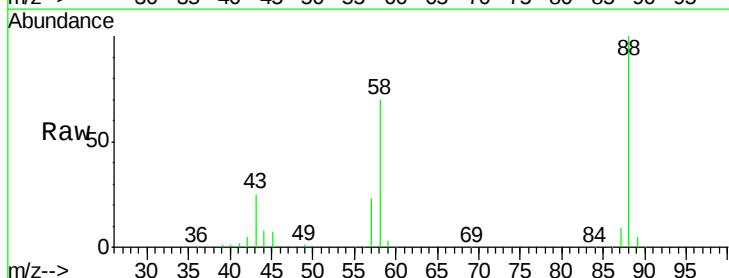
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



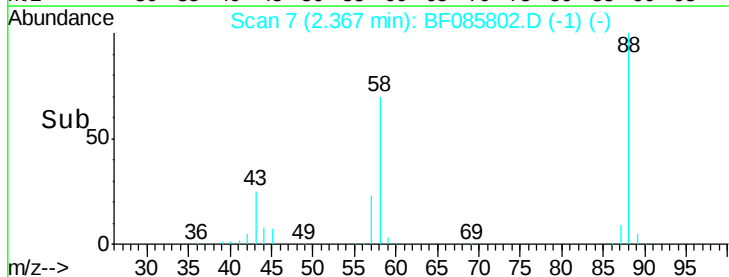
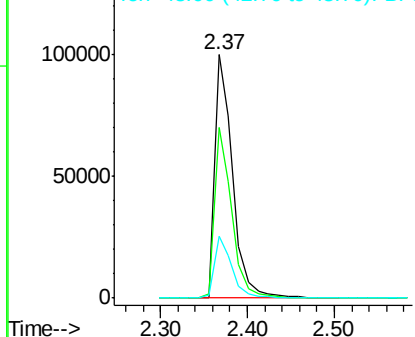
#2

1,4-Dioxane
Concen: 40.70 ng
RT: 2.37 min Scan# 7
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	54.2	81.2
43	25.0	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: 46.42 ng

RT: 3.09 min Scan# 70

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

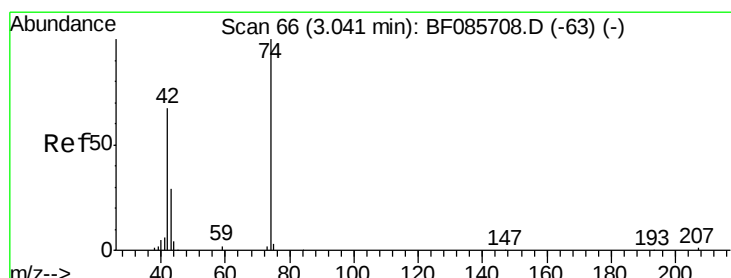
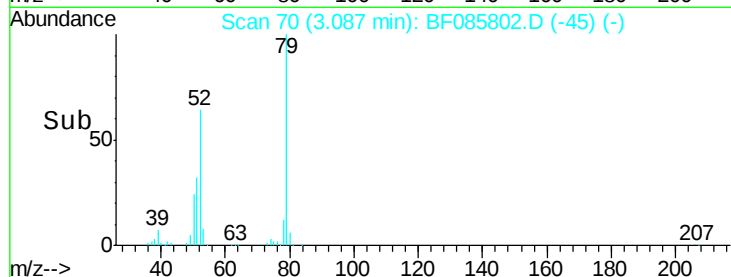
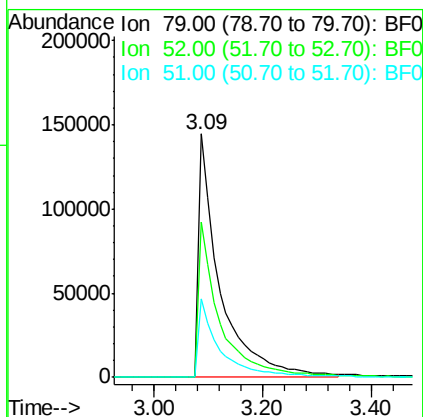
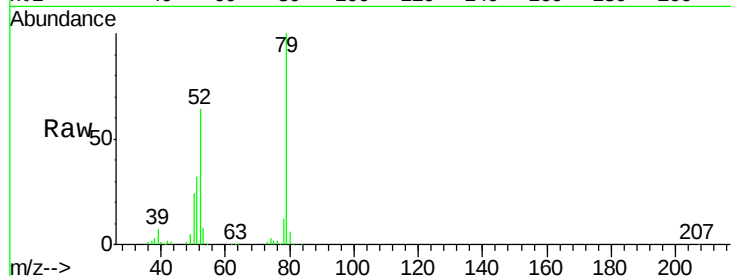
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	394184
Ion	Ratio	Lower	Upper
79	100		
52	63.6	49.8	74.6
51	32.3	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 42.30 ng

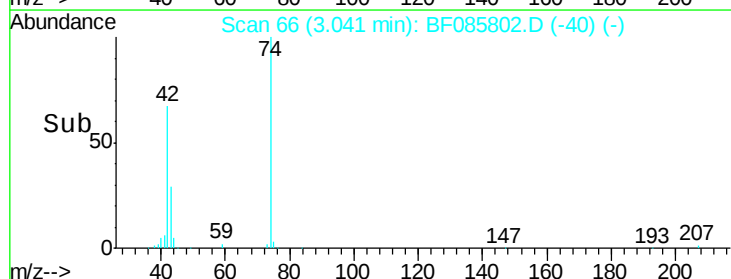
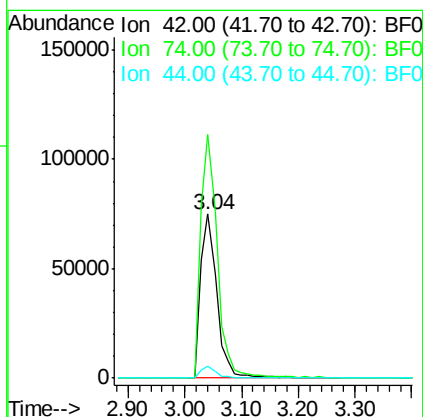
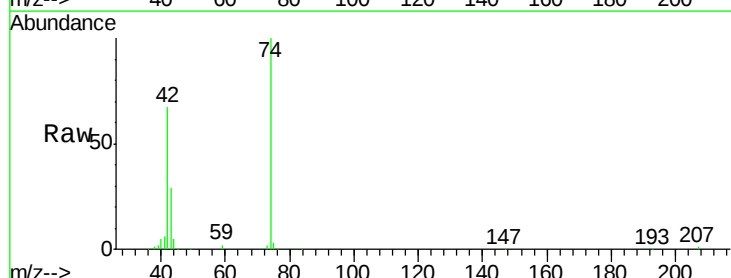
RT: 3.04 min Scan# 66

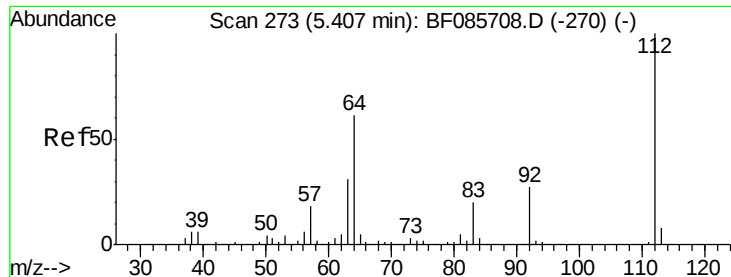
Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:	42	Resp:	143815
Ion	Ratio	Lower	Upper
42	100		
74	148.5	121.4	182.2
44	7.1	5.6	8.4





#5

2-Fluorophenol

Concen: 78.94 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

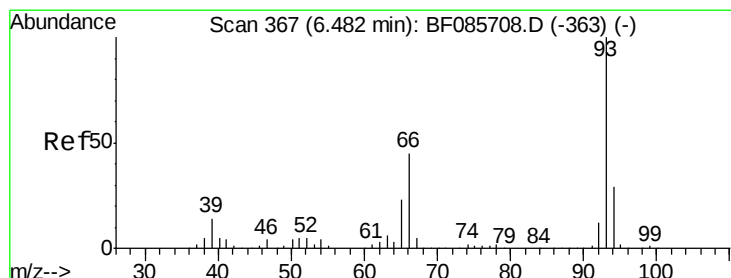
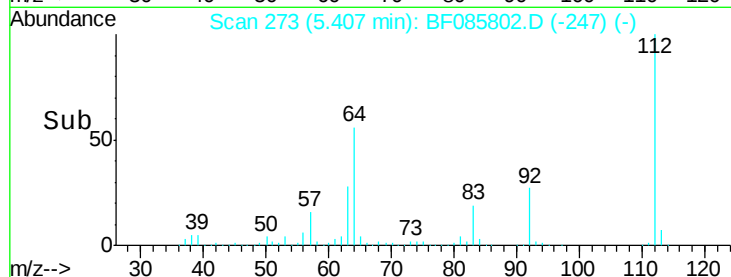
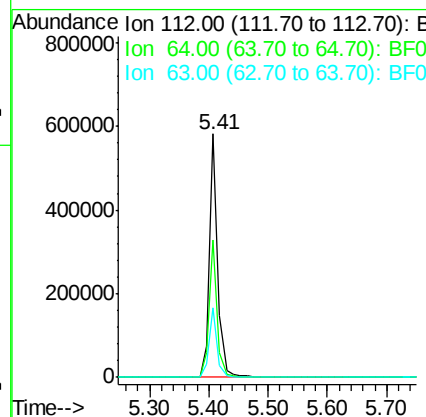
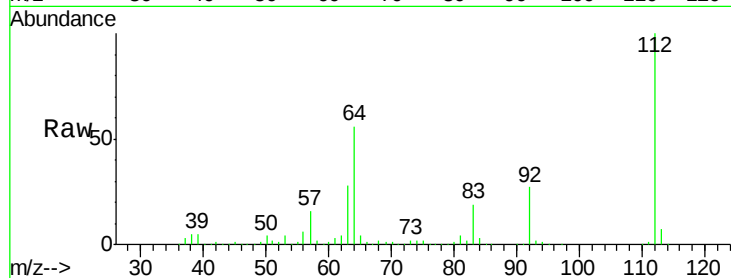
ClientSampleId :

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Tgt Ion:	112	Resp:	585575
Ion Ratio	Lower	Upper	
112	100		
64	56.5	39.9	59.9
63	28.4	20.2	30.2

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#6

Aniline

Concen: 40.81 ng

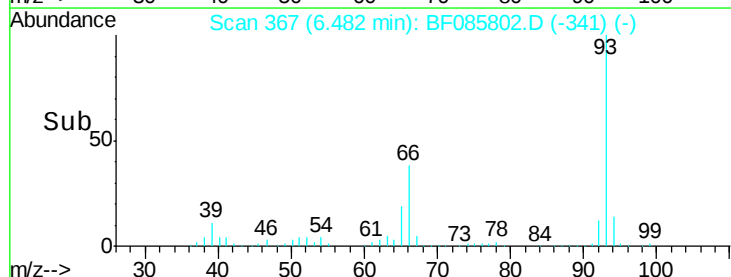
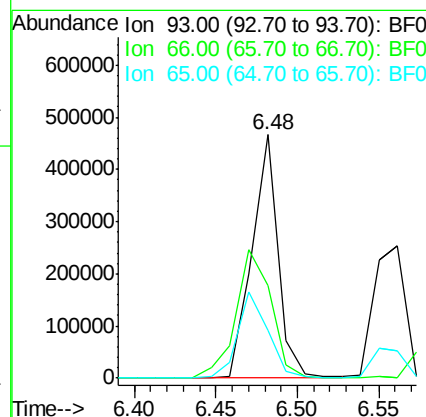
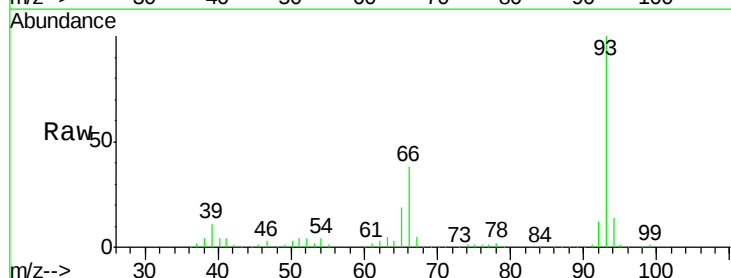
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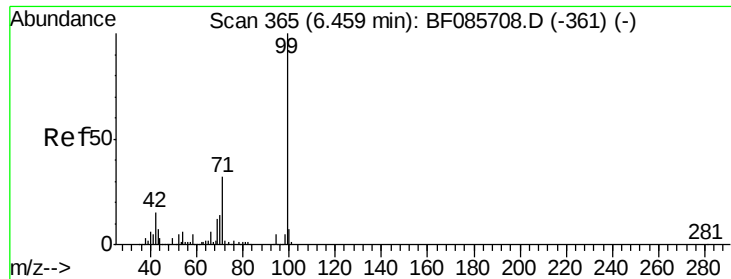
Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:	93	Resp:	518157
Ion Ratio	Lower	Upper	
93	100		
66	38.1	31.4	47.2
65	19.5	15.7	23.5





#7

Phenol-d6

Concen: 81.95 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085802.D

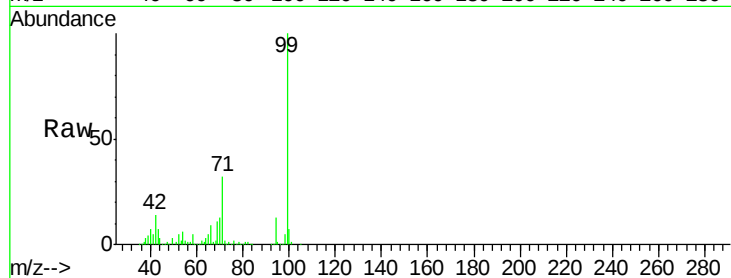
Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

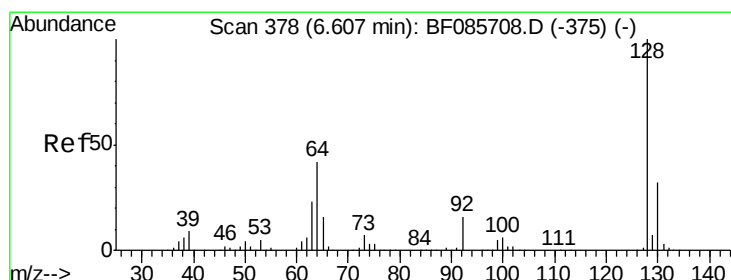
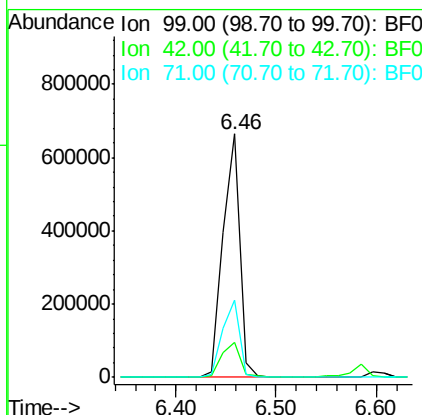
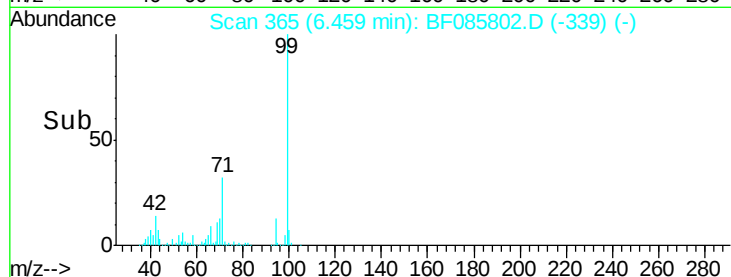
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Tgt Ion:	99	Resp:	772892
Ion Ratio	Lower	Upper	
99	100		
42	14.4	11.1	16.7
71	31.8	24.9	37.3

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#8

2-Chlorophenol

Concen: 40.78 ng

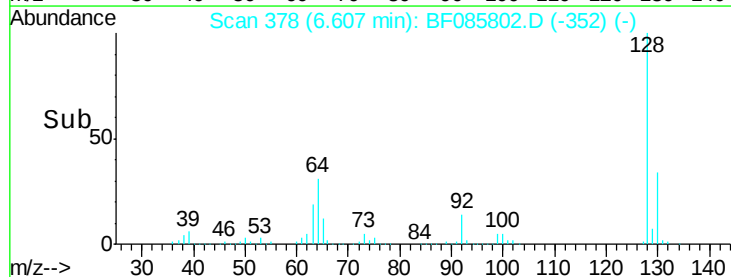
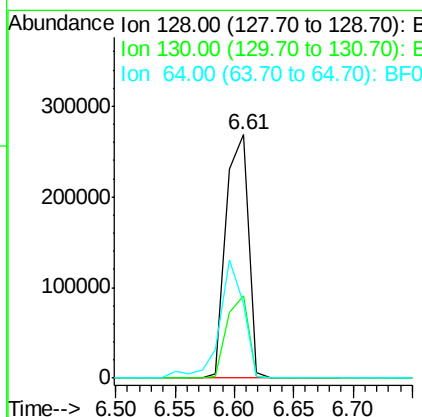
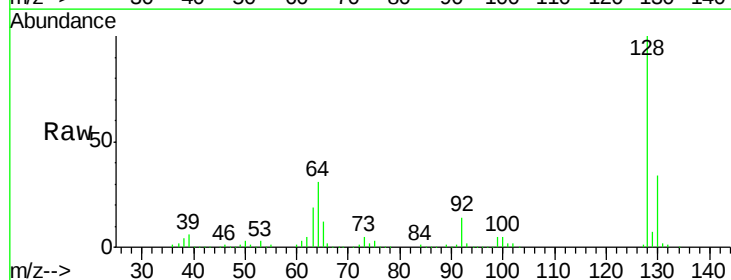
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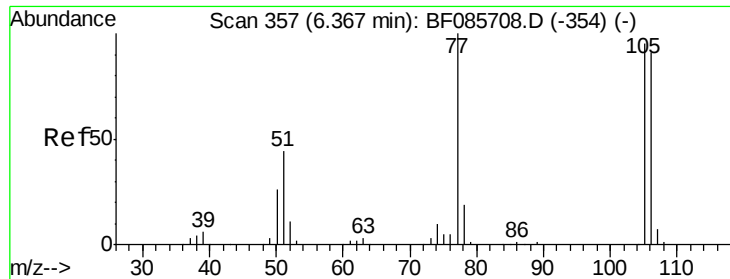
Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:	128	Resp:	351457
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.9	52.9
64	30.8	20.2	60.2





#9

Benzaldehyde

Concen: 37.08 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

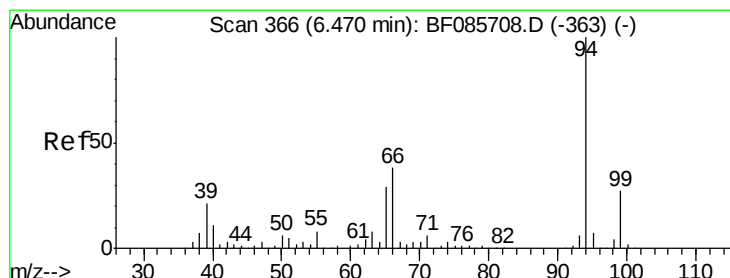
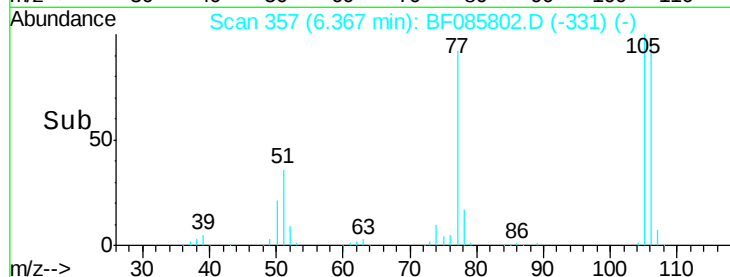
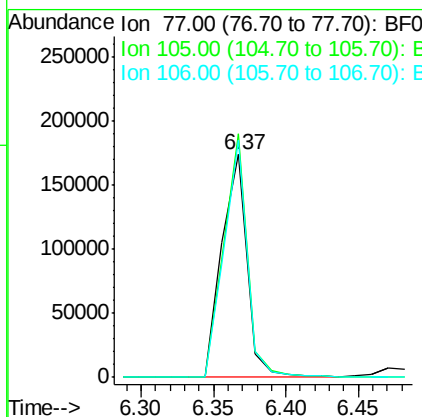
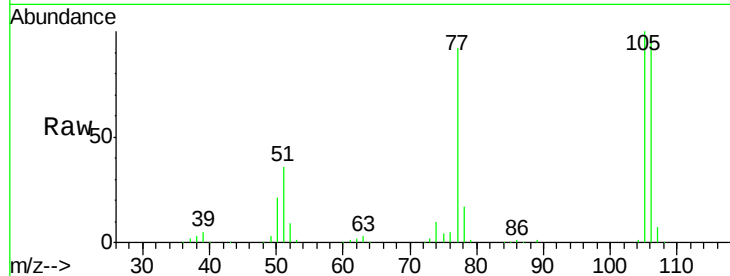
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	210715
Ion	Ratio	Lower	Upper
77	100		
105	109.3	80.1	120.1
106	106.3	75.0	115.0

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#10

Phenol

Concen: 43.22 ng

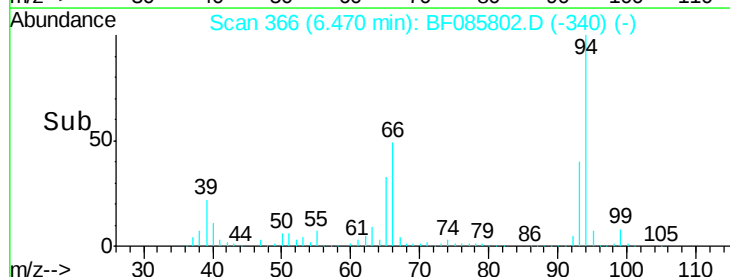
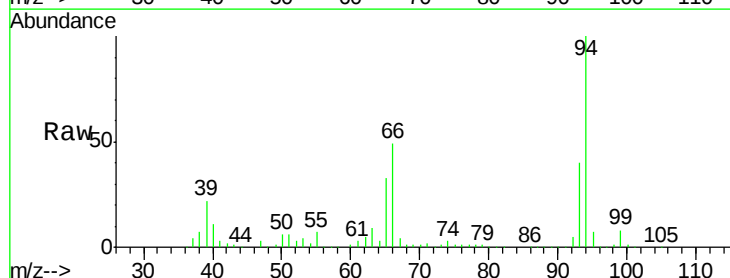
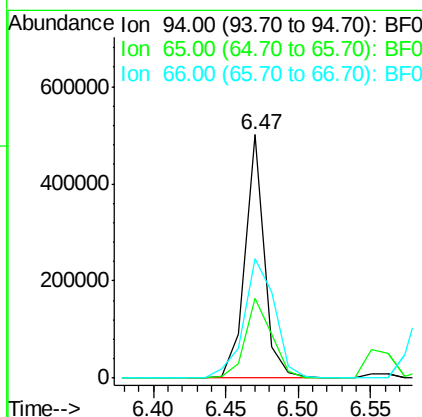
RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:	94	Resp:	461863
Ion	Ratio	Lower	Upper
94	100		
65	32.8	8.6	48.6
66	49.0	20.0	60.0





#11

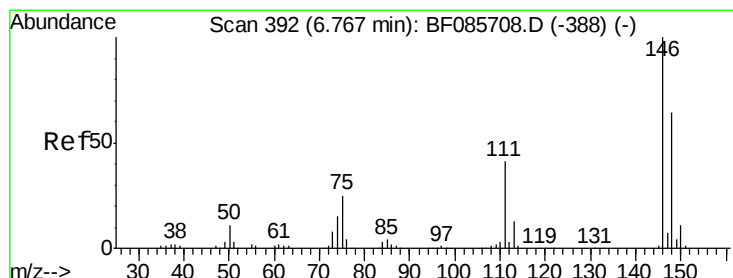
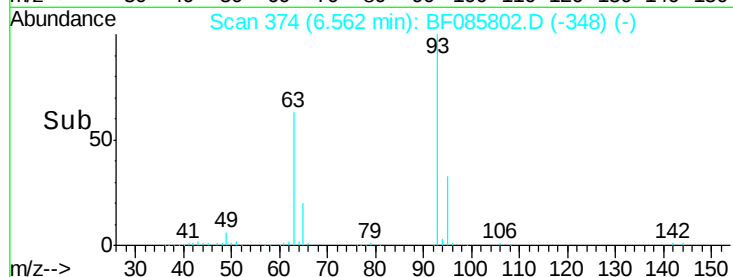
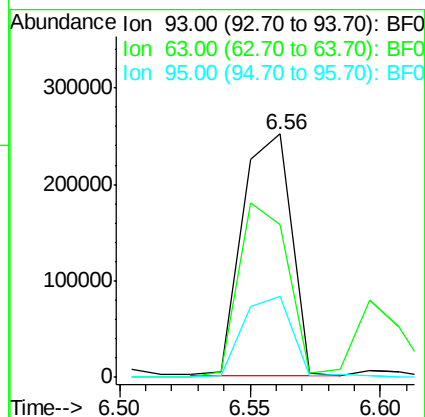
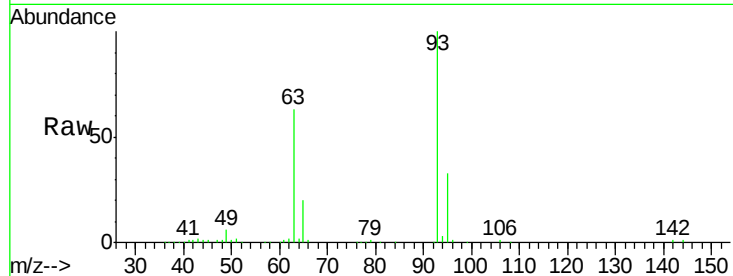
bis(2-Chloroethyl)ether
Concen: 40.26 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	331020		
63	62.7	50.9	90.9	
95	33.5	13.3	53.3	

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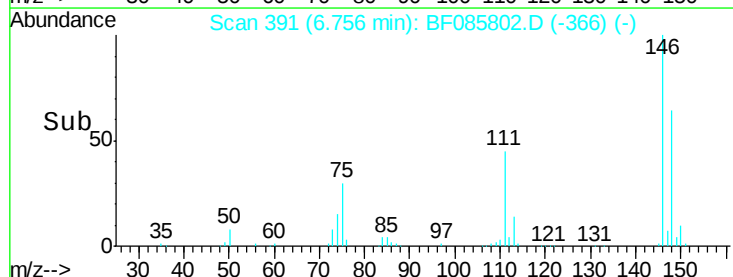
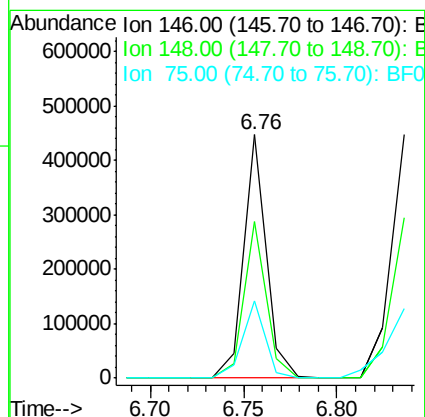
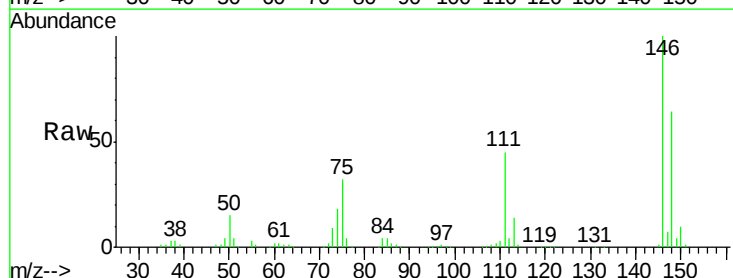
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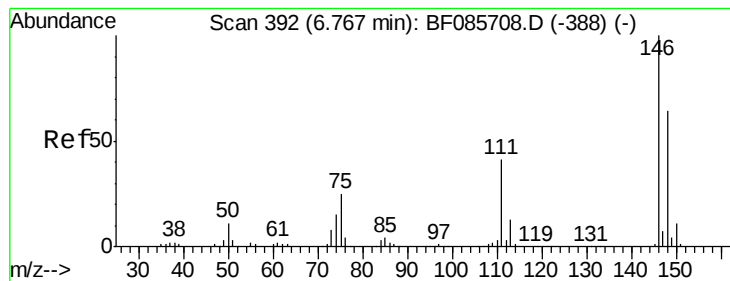


#12

1,3-Dichlorobenzene
Concen: 40.76 ng
RT: 6.76 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	378310		
148	64.3	52.3	78.5	
75	31.8	17.4	26.2	





#13

1,4-Dichlorobenzene

Concen: 41.47 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

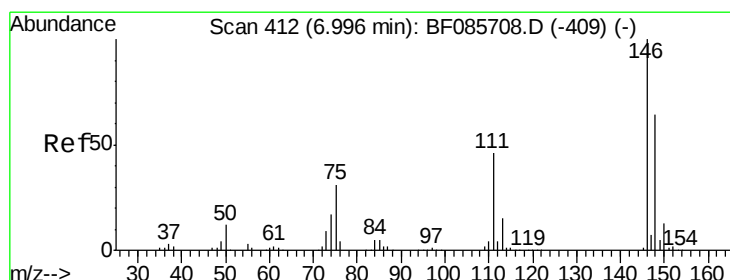
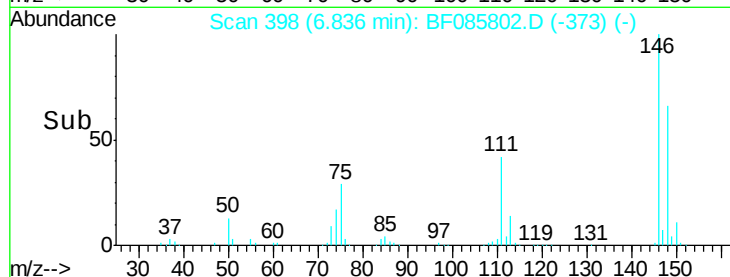
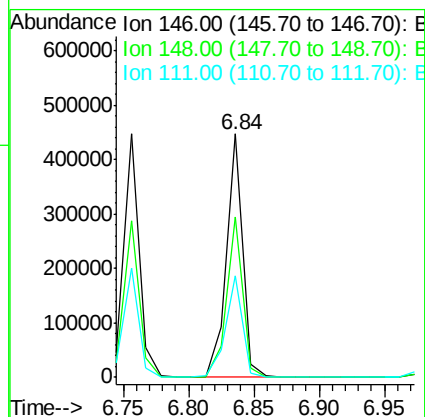
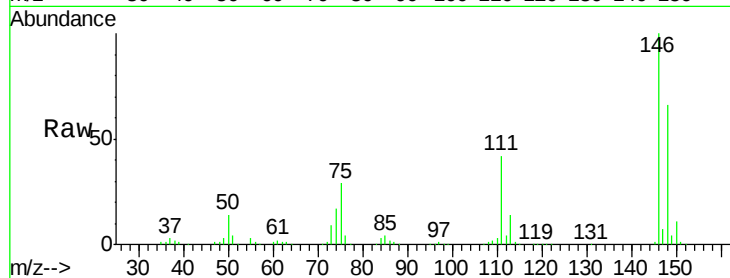
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	390302
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.6	76.0
111	41.8	37.8	56.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.37 ng

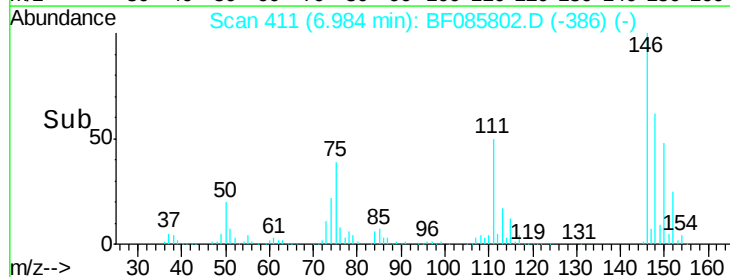
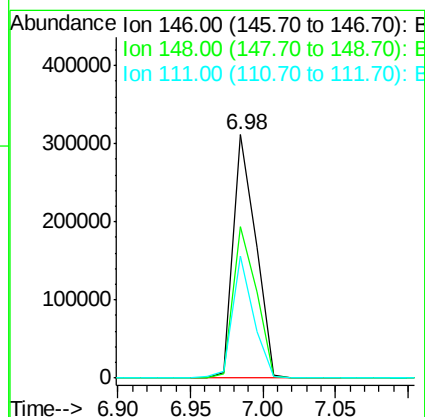
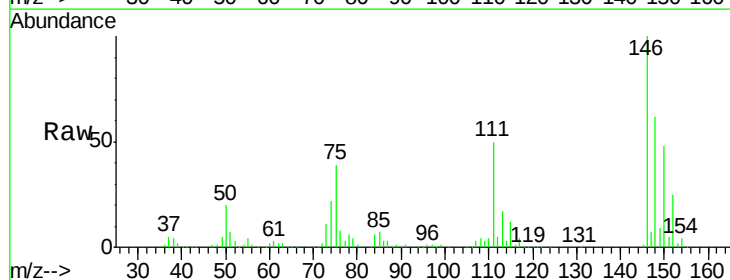
RT: 6.98 min Scan# 411

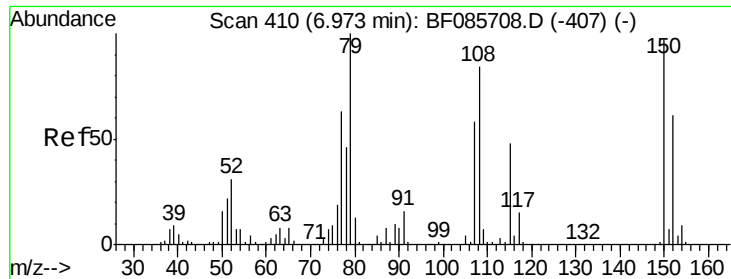
Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:	146	Resp:	336618
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.4	77.2
111	50.2	34.6	52.0





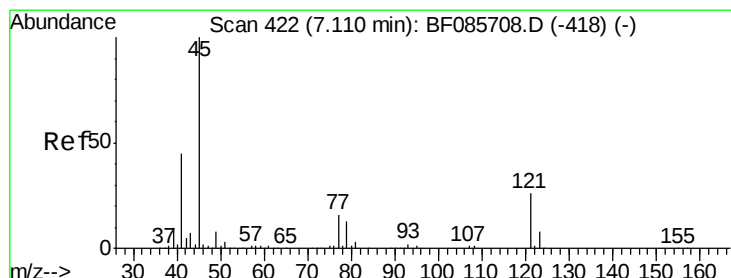
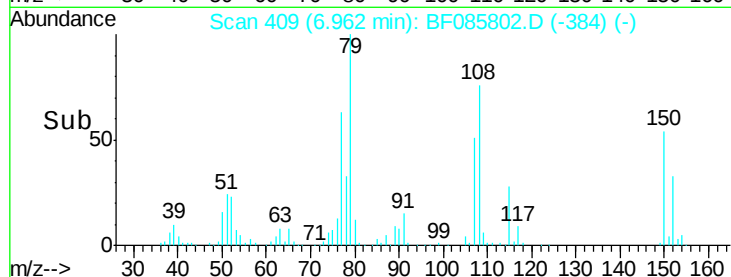
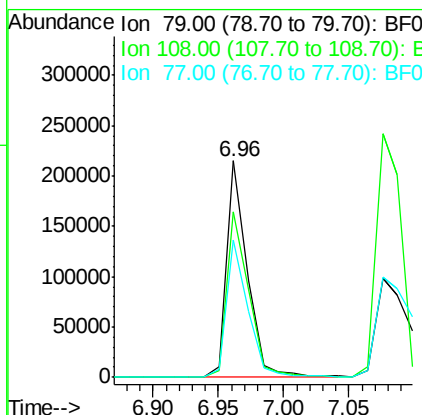
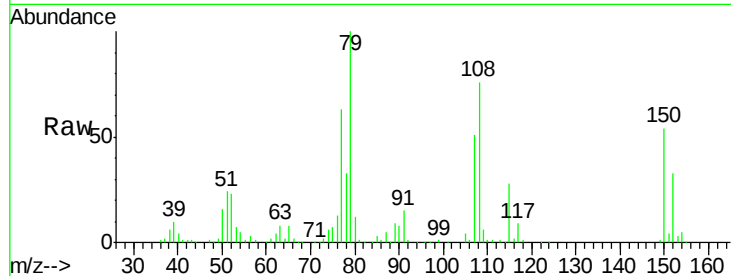
#15
Benzyl Alcohol
Concen: 37.91 ng
RT: 6.96 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.8	92.6
77	63.4	49.6	74.4

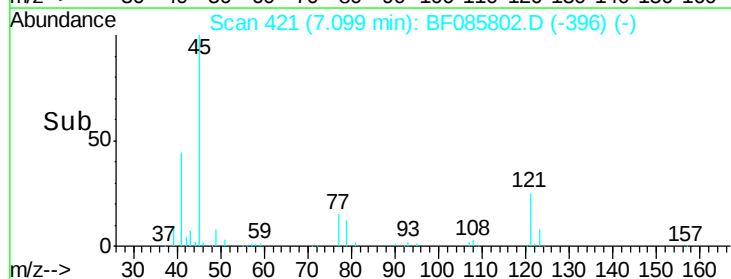
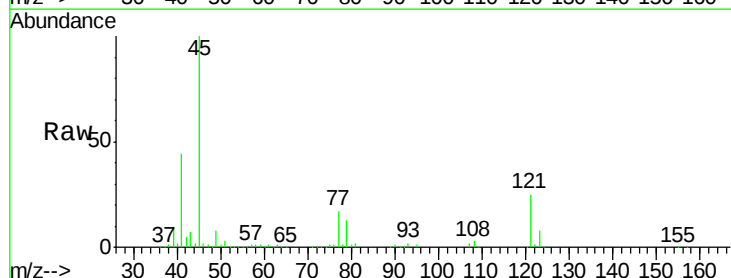
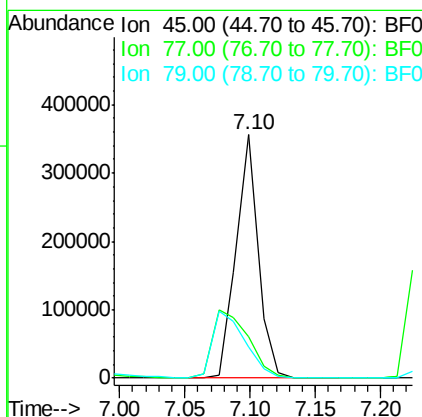
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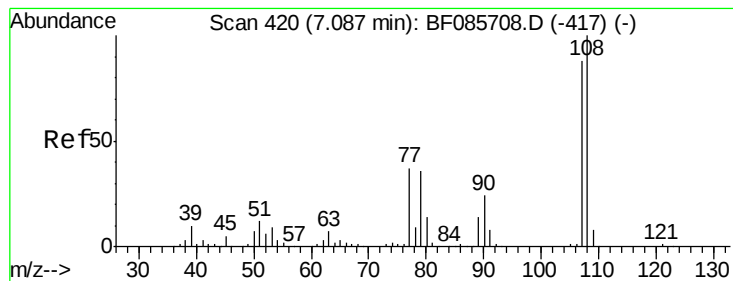
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.41 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	35.7
79	13.0	0.0	32.2





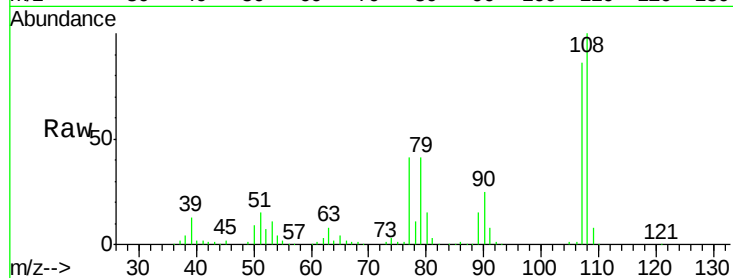
#17
2-Methylphenol
Concen: 40.38 ng
RT: 7.08 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	278640		
108	116.0	91.4	137.0	
77	47.5	36.2	54.2	
79	47.0	35.8	53.8	

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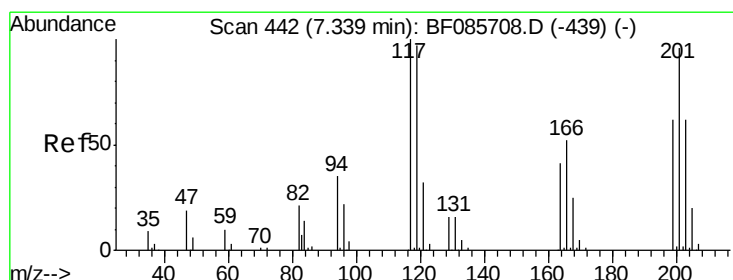
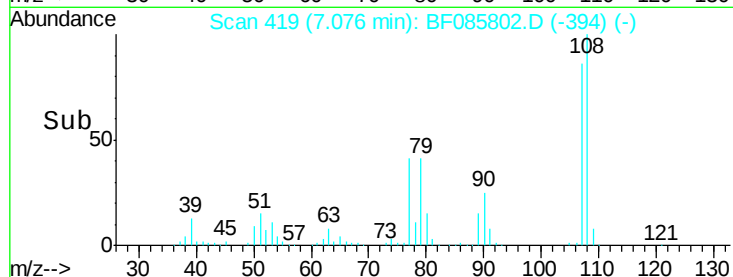
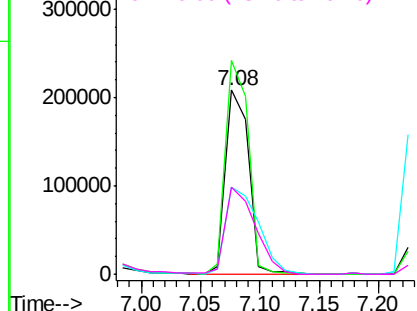
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

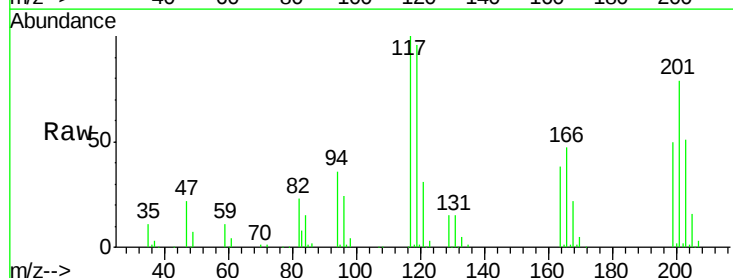
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 40.77 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	140499		
119	96.5	76.7	115.1	
201	79.0	83.3	124.9	

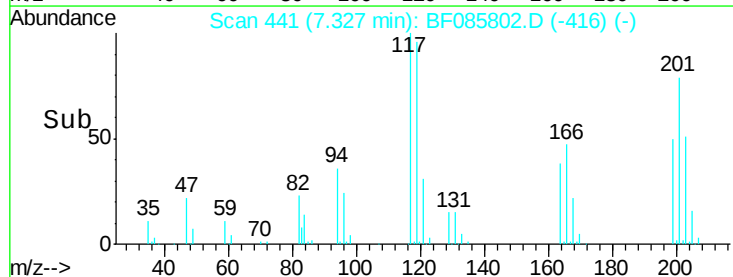
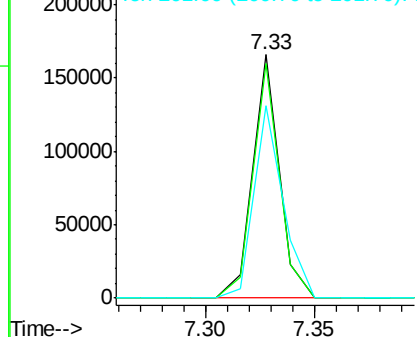


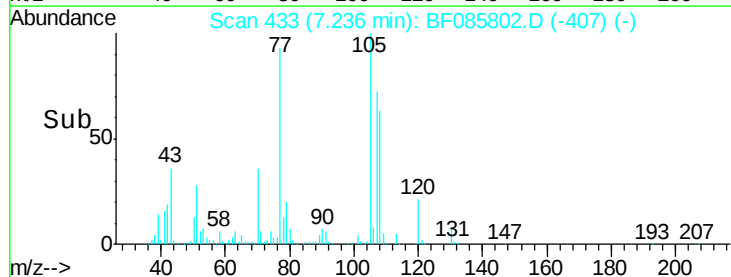
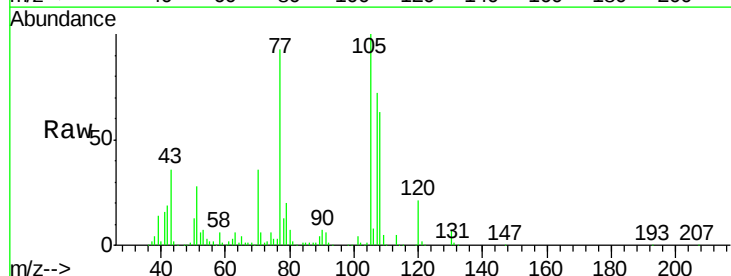
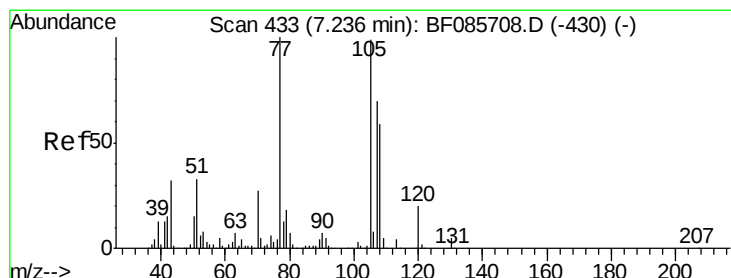
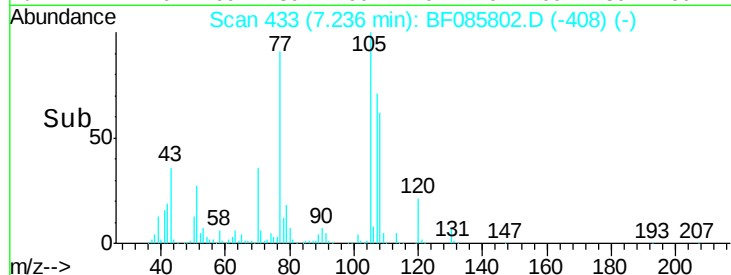
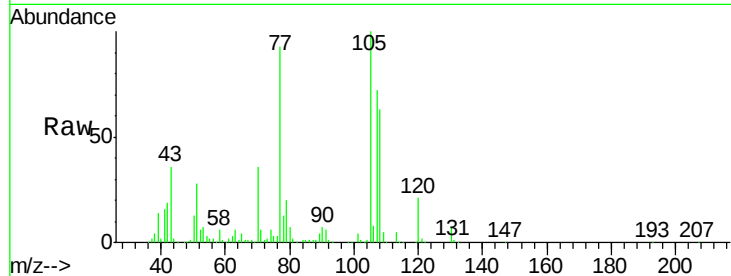
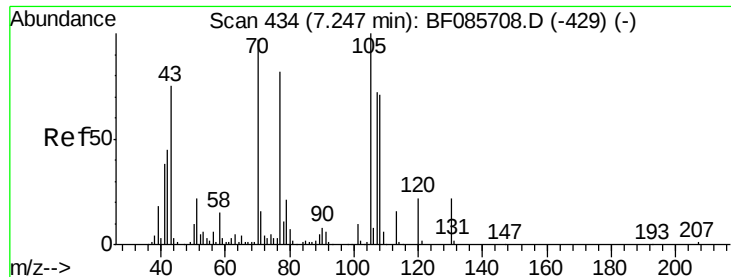
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.44 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

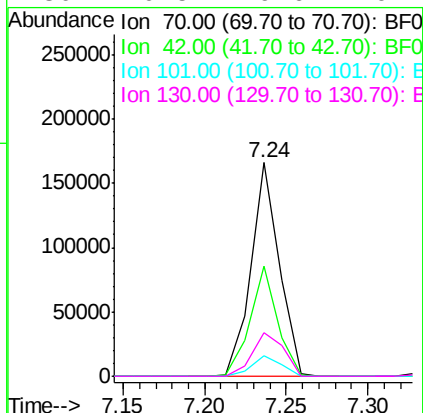
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.6	37.1	55.7
101	9.7	8.6	12.8
130	20.5	19.6	29.4

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#20

3+4-Methylphenols

Concen: 37.41 ng

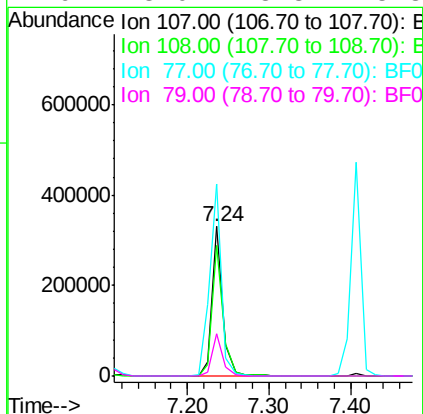
RT: 7.24 min Scan# 433

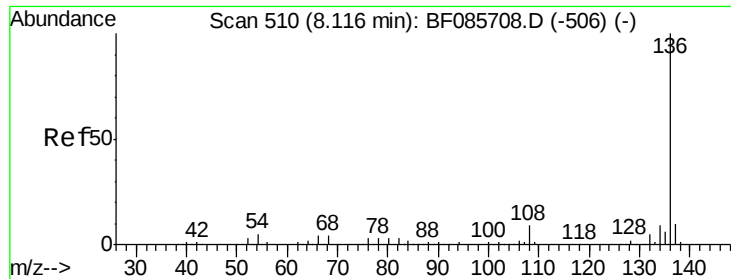
Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	69.3	109.3
77	128.5	101.7	141.7
79	28.0	8.3	48.3





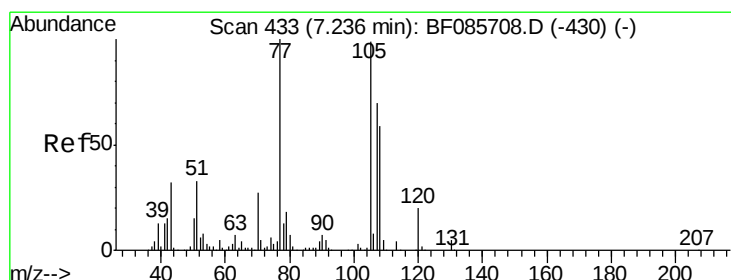
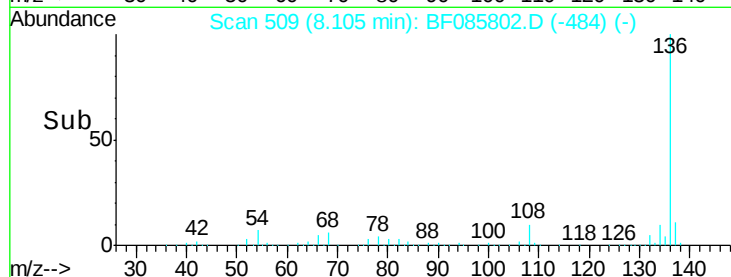
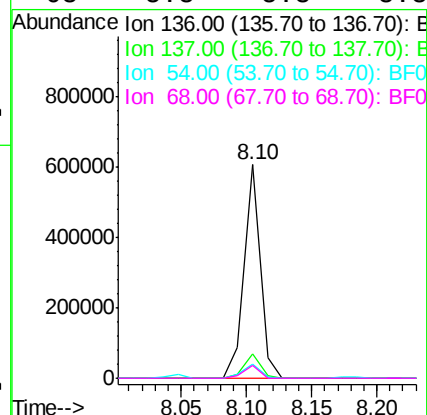
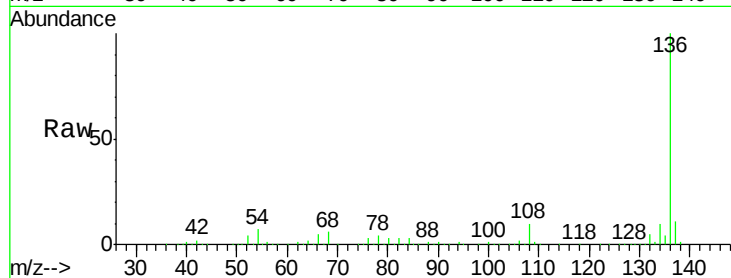
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.7	7.4	11.0#
68	5.8	5.8	8.8#

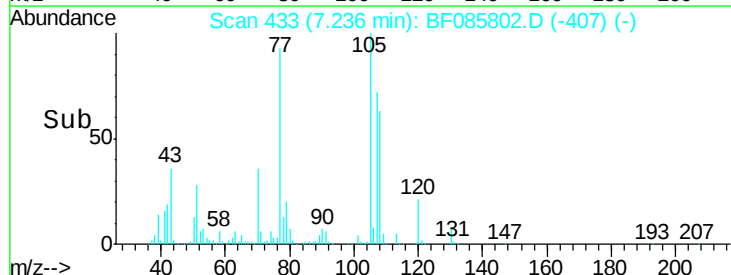
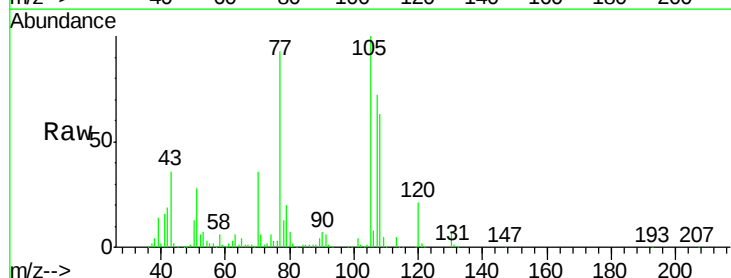
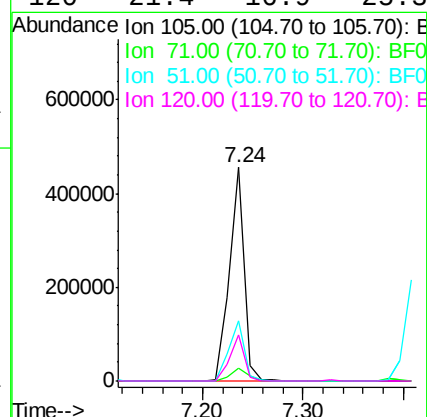
Manual Integrations
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#22
Acetophenone
Concen: 38.41 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.0	3.6	5.4#
51	28.3	25.4	38.0
120	21.4	16.9	25.3





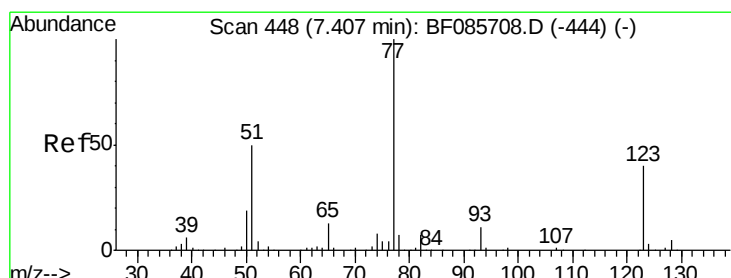
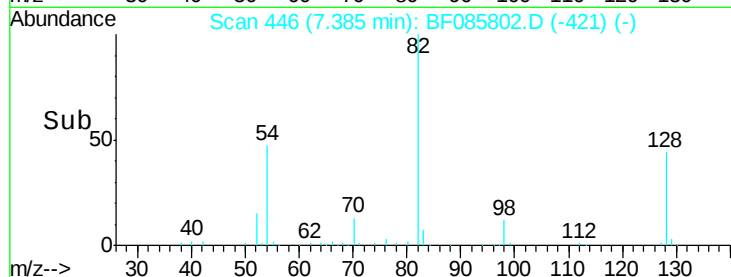
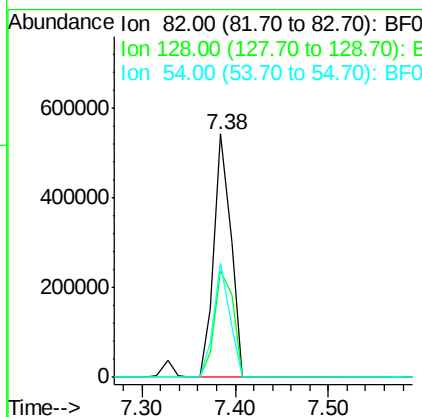
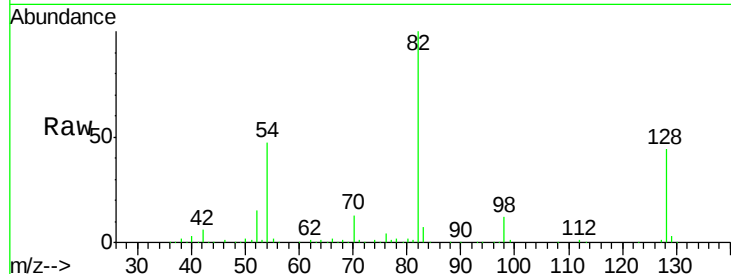
#23
Nitrobenzene-d5
Concen: 74.84 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	688907		
128	43.7	41.8	62.8	
54	47.0	33.4	50.0	

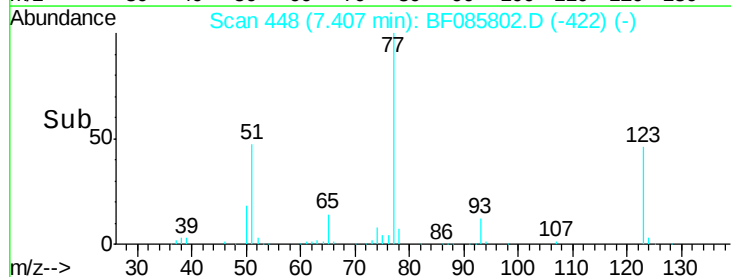
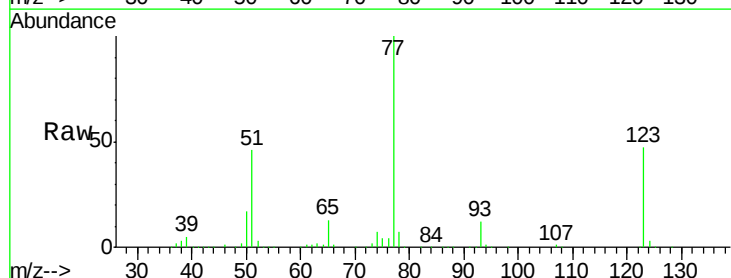
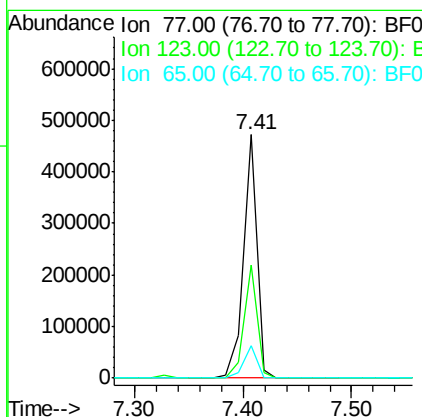
Manual Integrations
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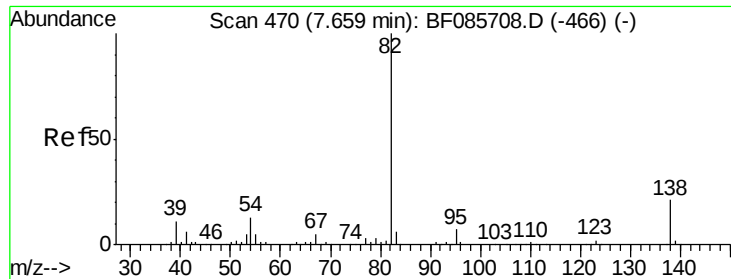
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#24
Nitrobenzene
Concen: 41.78 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	396416		
123	46.6	35.0	52.4	
65	13.1	10.6	16.0	





#25

Isophorone

Concen: 37.66 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

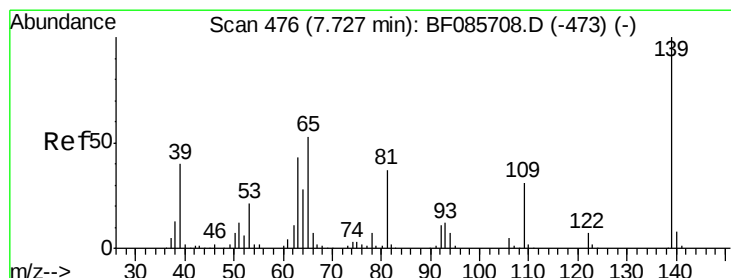
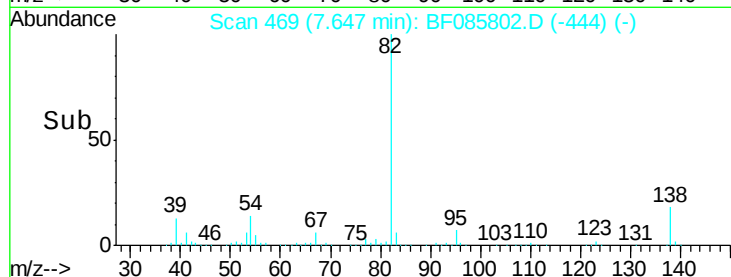
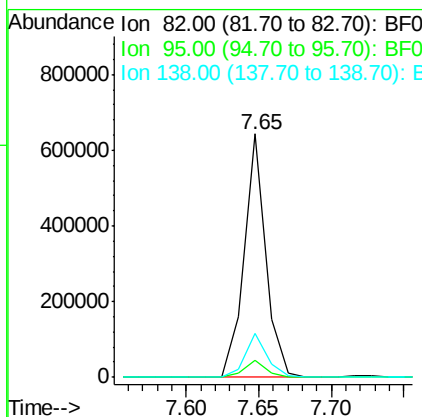
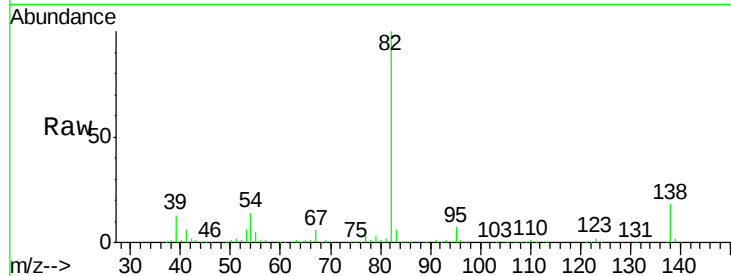
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	667779
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.4	8.2
138	17.9	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.58 ng

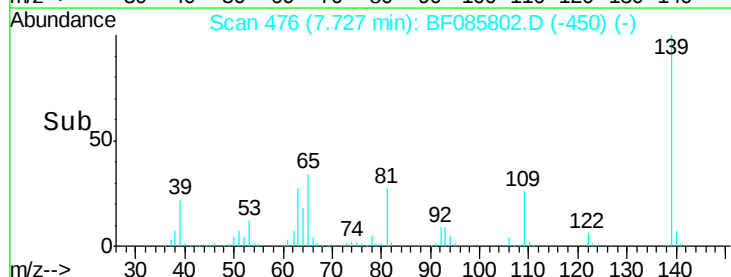
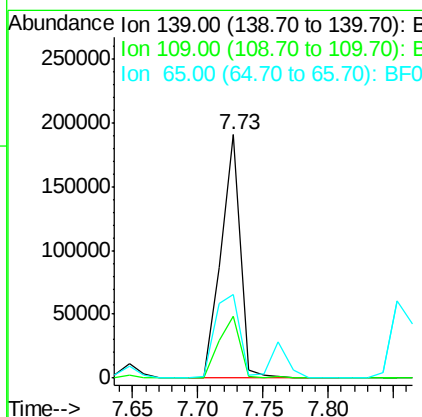
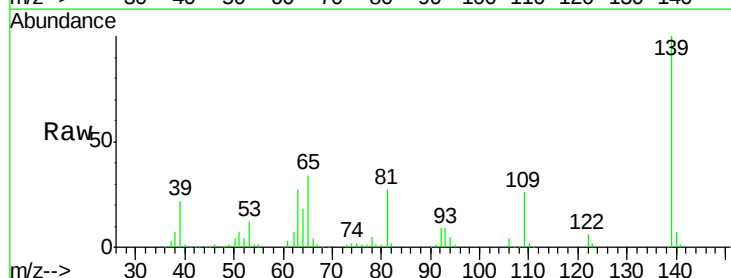
RT: 7.73 min Scan# 476

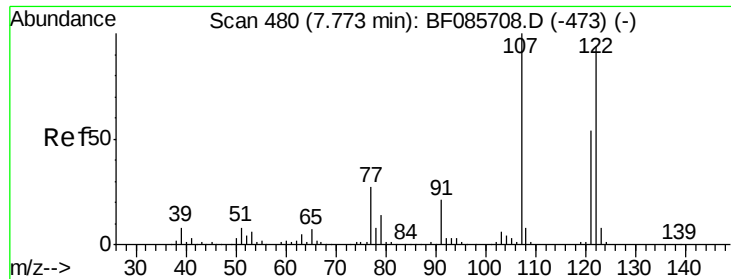
Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:	139	Resp:	197394
Ion	Ratio	Lower	Upper
139	100		
109	25.5	22.1	33.1
65	34.3	33.9	50.9





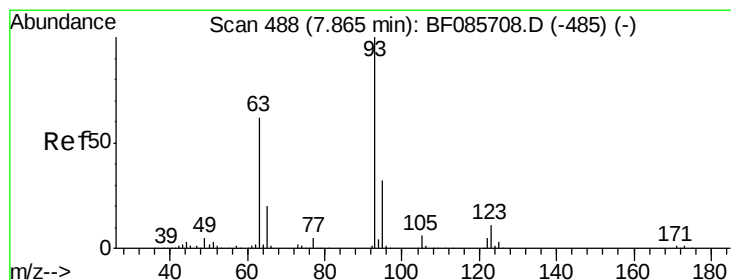
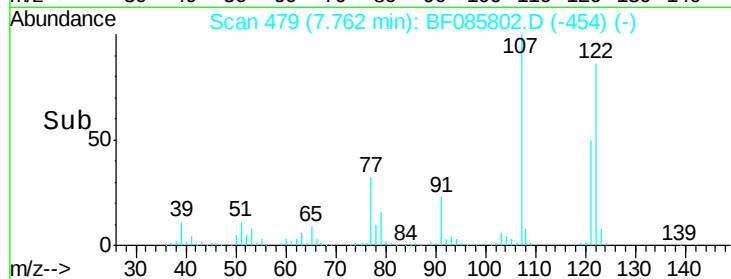
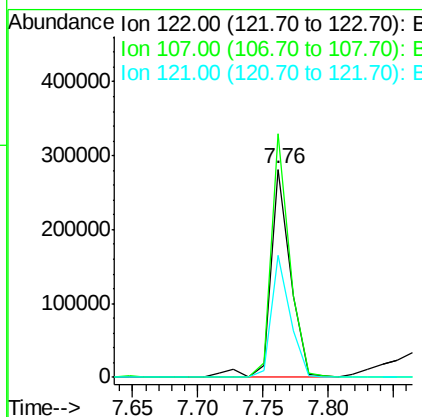
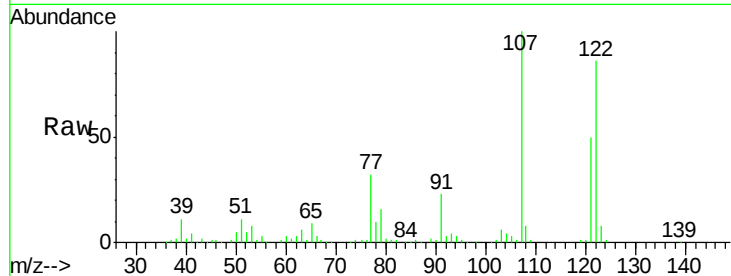
#27
2,4-Dimethylphenol
Concen: 35.86 ng
RT: 7.76 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	297554		
107	116.8	93.0	139.6	
121	58.3	45.9	68.9	

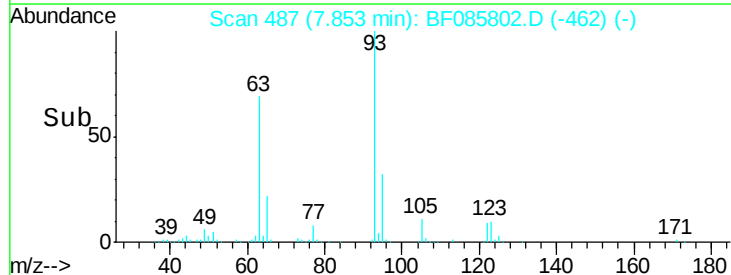
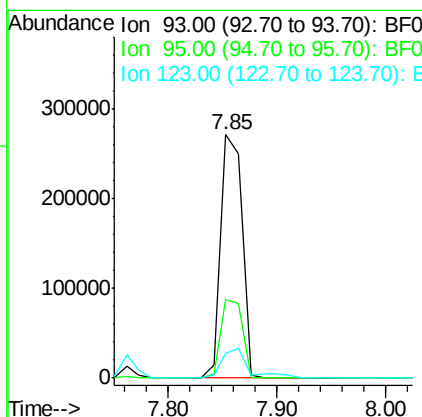
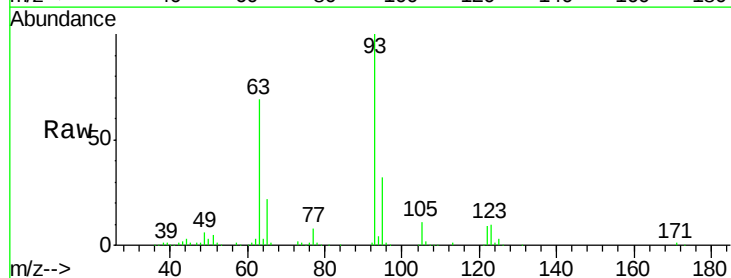
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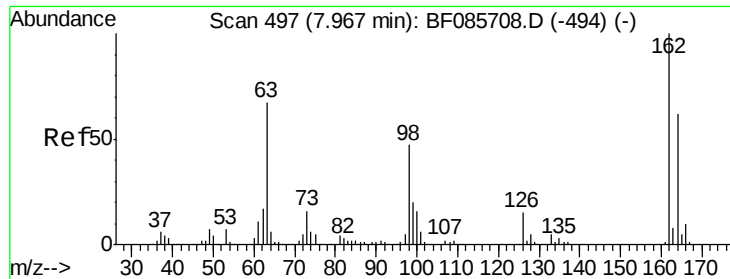
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 36.87 ng
RT: 7.85 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	372477		
95	32.3	26.4	39.6	
123	10.1	9.8	14.6	





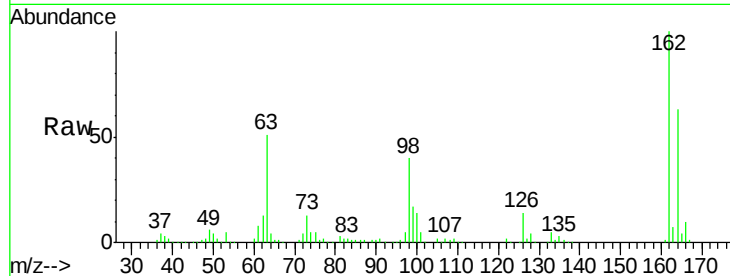
#29
2,4-Dichlorophenol
Concen: 39.64 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

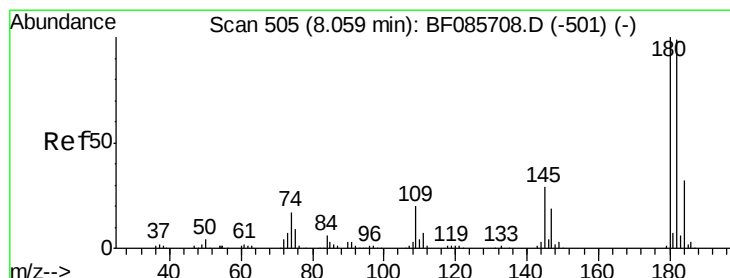
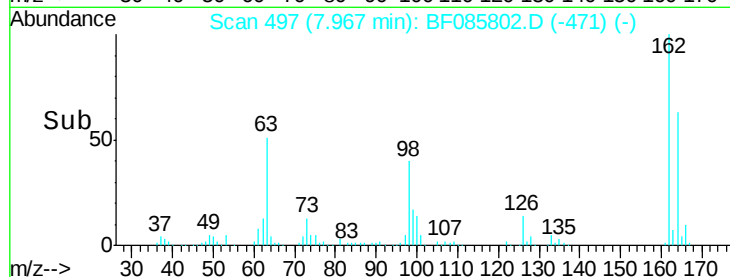
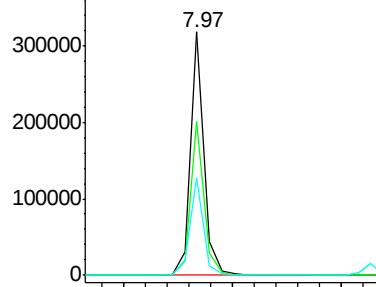
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	276486		
164	63.2	43.7	83.7	
98	40.1	20.4	60.4	

Manual Integrations
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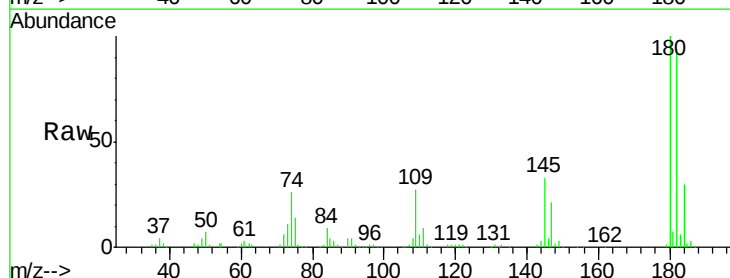


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

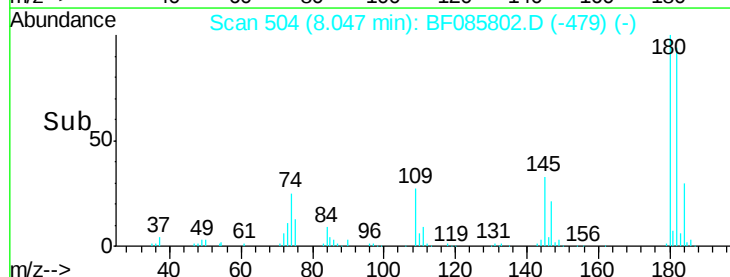
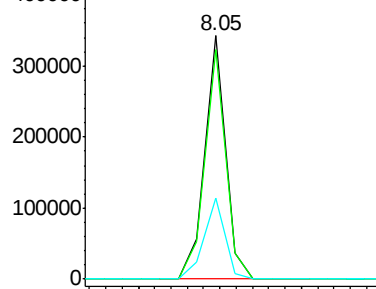


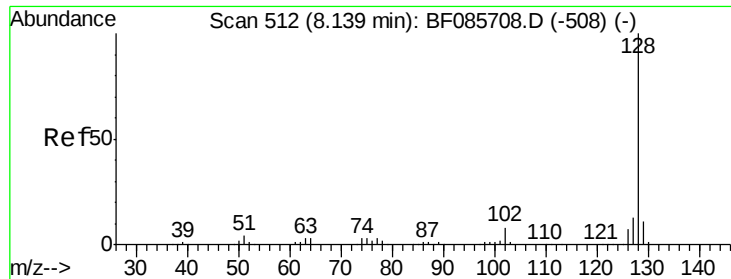
#30
1,2,4-Trichlorobenzene
Concen: 38.68 ng
RT: 8.05 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	299555		
182	94.2	73.8	110.8	
145	33.2	28.4	42.6	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





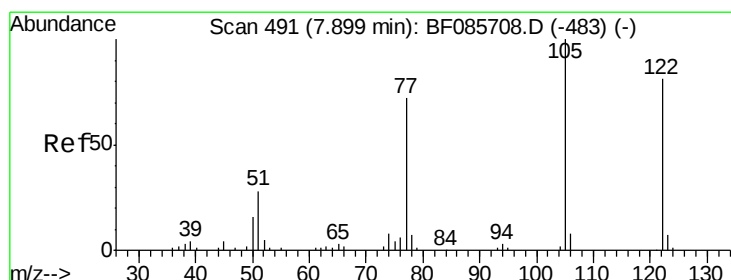
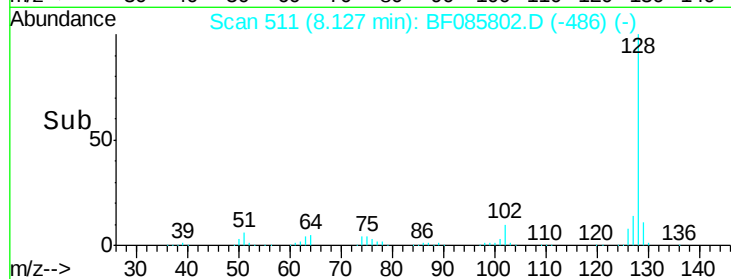
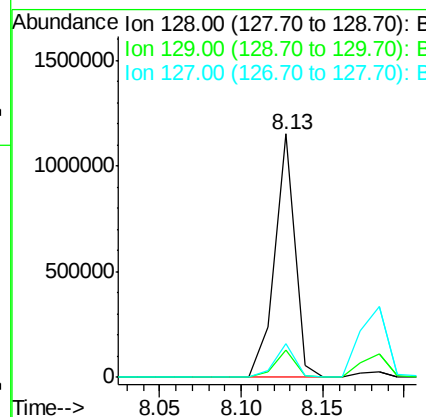
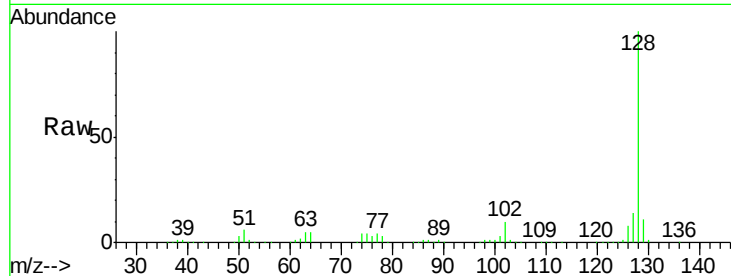
#31
Naphthalene
Concen: 38.16 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	996663		
129	11.4	9.4	14.0	
127	13.8	11.0	16.6	

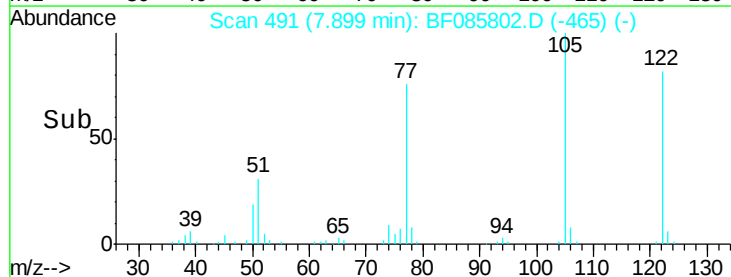
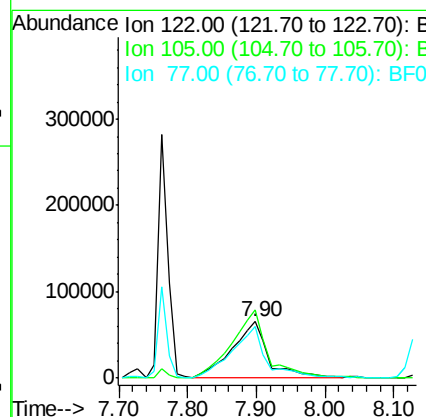
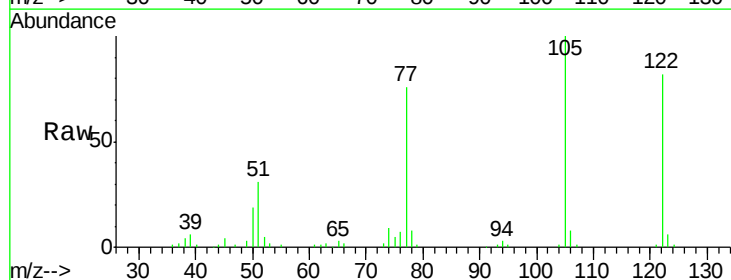
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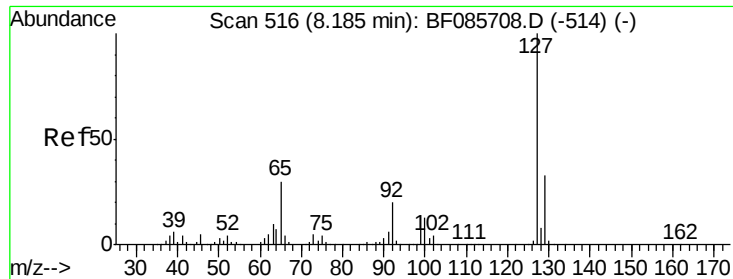
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#32
Benzoic acid
Concen: 42.38 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	233546		
105	121.3	102.9	142.9	
77	91.7	71.8	111.8	





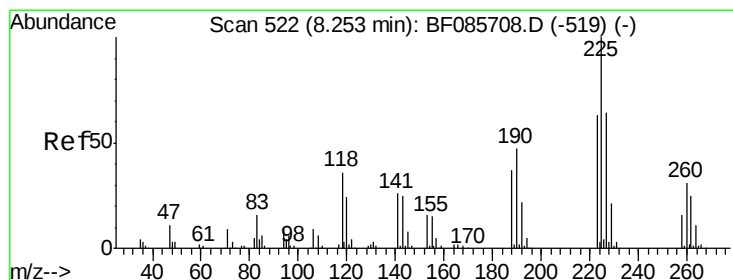
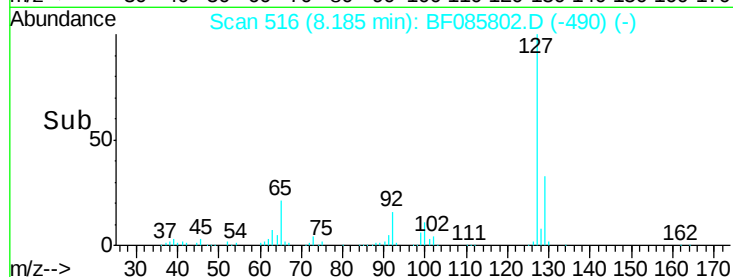
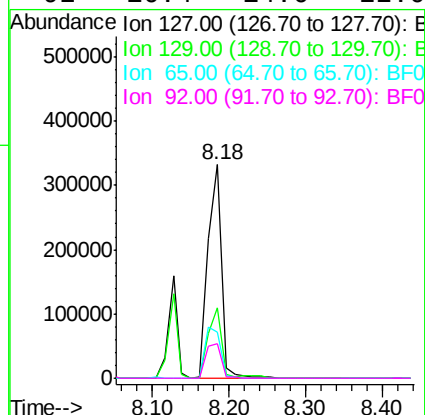
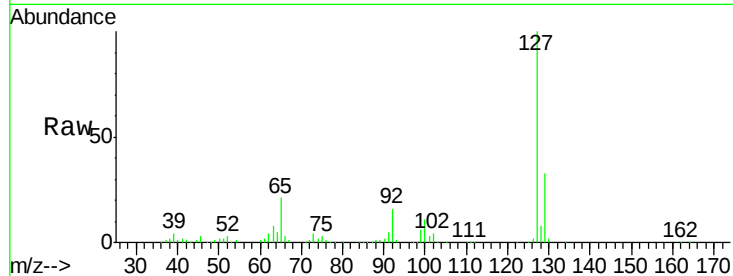
#33
4-Chloroaniline
Concen: 37.61 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	401085		
129	33.1	26.1	39.1	
65	21.4	19.5	29.3	
92	16.4	14.6	22.0	

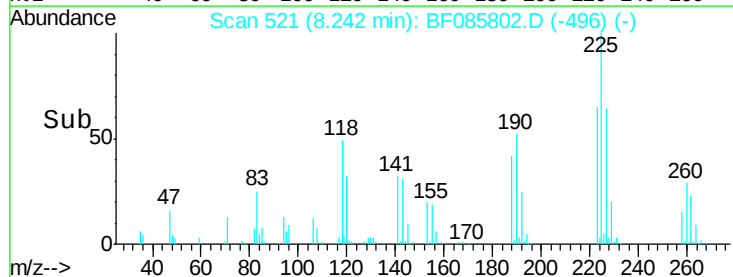
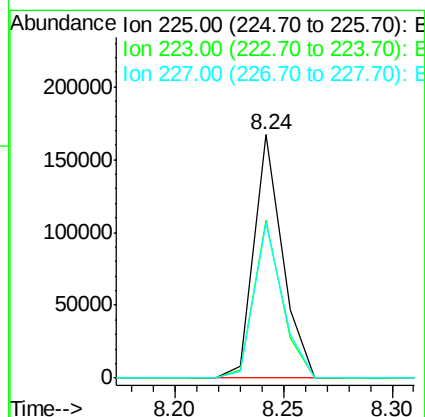
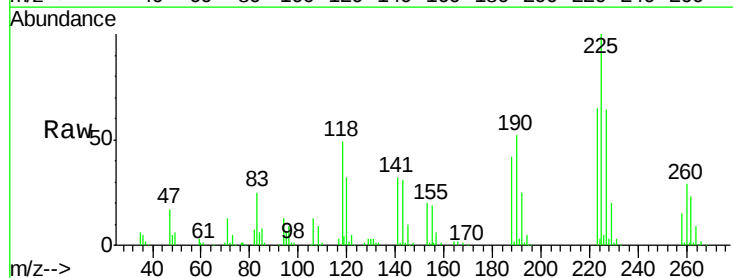
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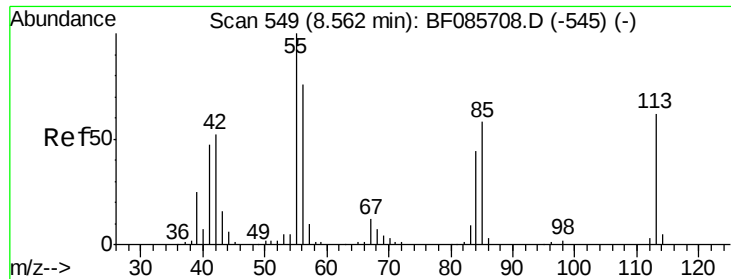
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#34
Hexachlorobutadiene
Concen: 36.21 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152397		
223	64.9	50.4	75.6	
227	63.9	51.4	77.2	





#35

Caprolactam

Concen: 33.68 ng

RT: 8.56 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

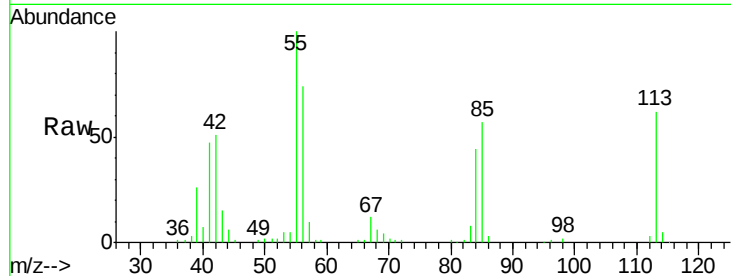
ClientSampleId :

SSTDCCC040

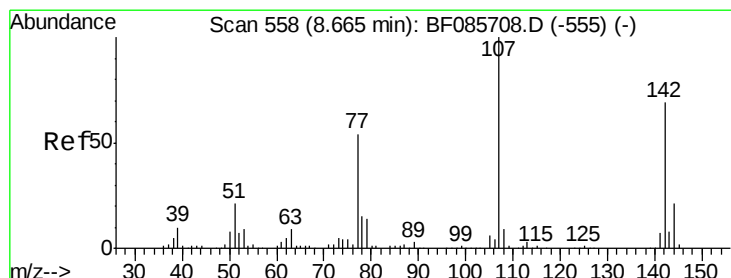
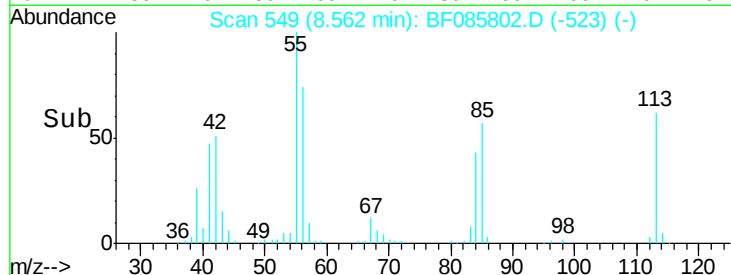
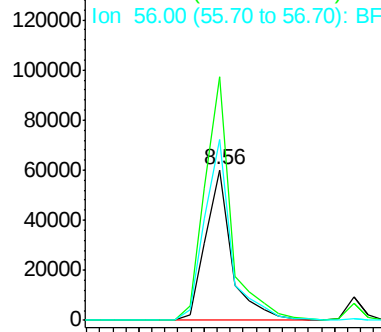
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	83223		
55	162.1	139.4	179.4	
56	120.6	100.4	140.4	

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Abundance Ion 113.00 (112.70 to 113.70): E



#36

4-Chloro-3-methylphenol

Concen: 36.17 ng

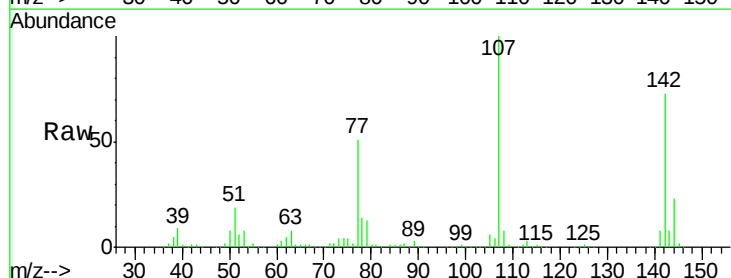
RT: 8.66 min Scan# 558

Delta R.T. -0.00 min

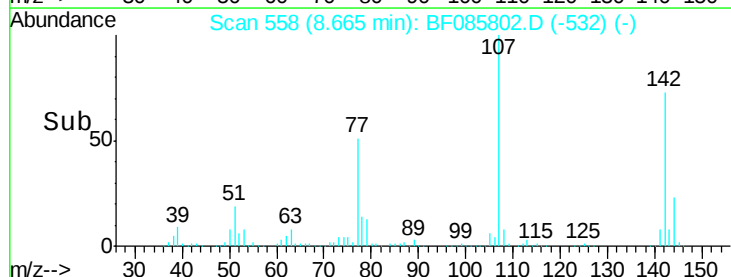
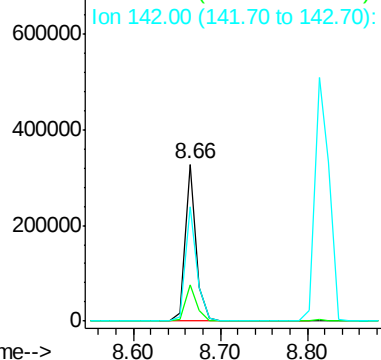
Lab File: BF085802.D

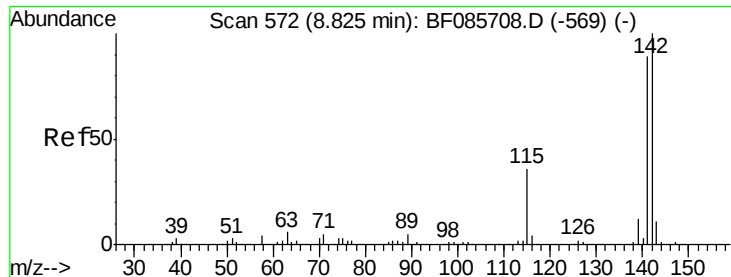
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	294708		
144	23.2	19.3	28.9	
142	73.2	61.4	92.0	



Abundance Ion 107.00 (106.70 to 107.70): E





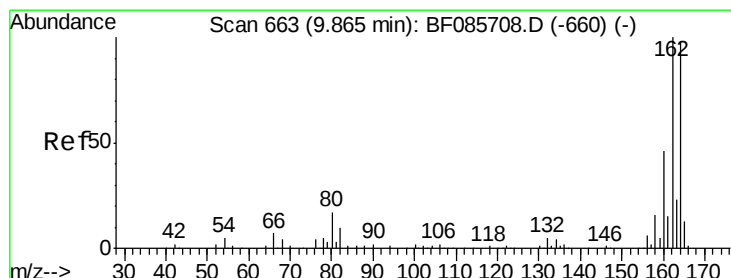
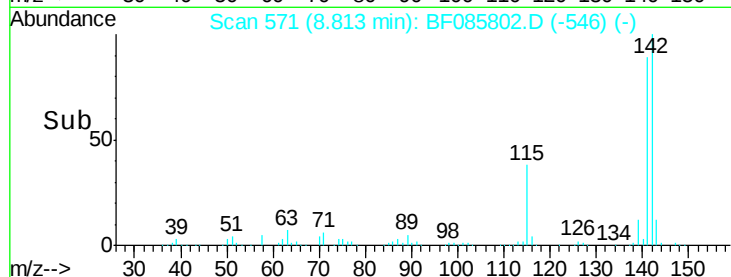
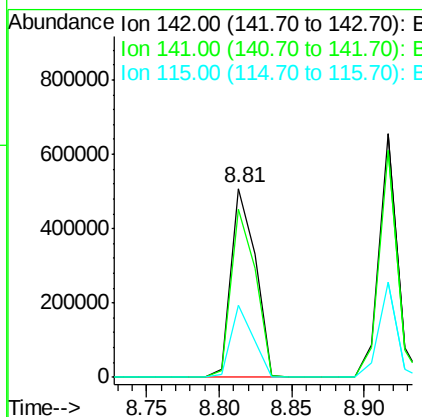
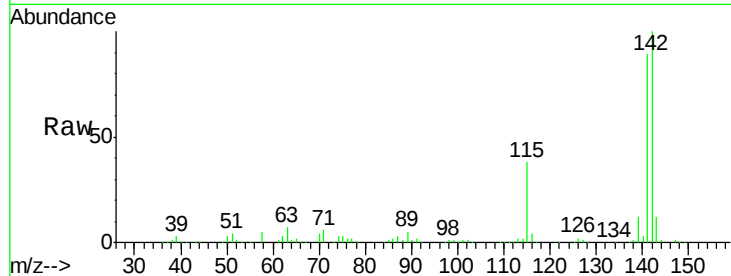
#37
2-Methylnaphthalene
Concen: 37.67 ng
RT: 8.81 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	37.8	26.8	40.2

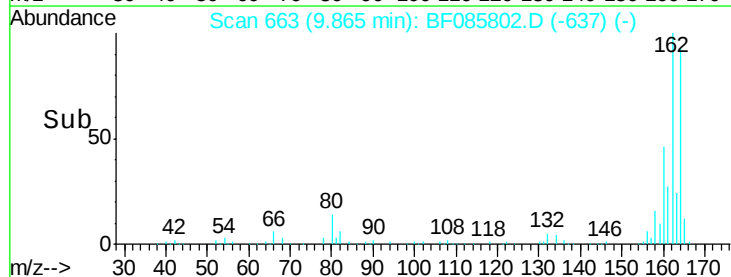
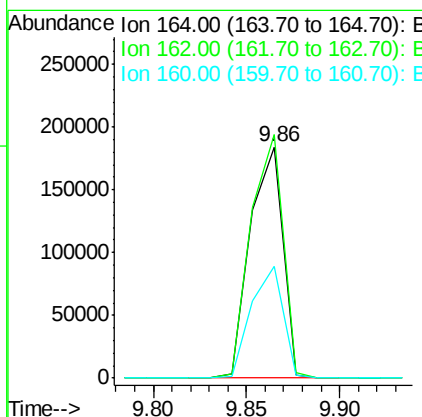
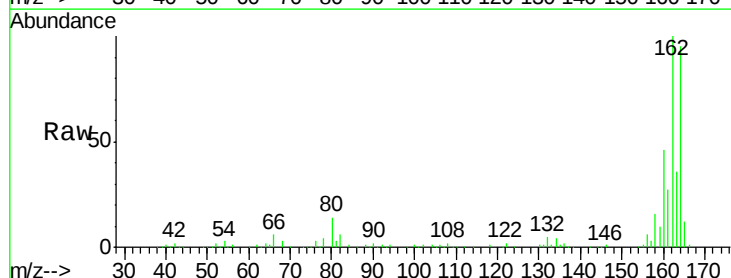
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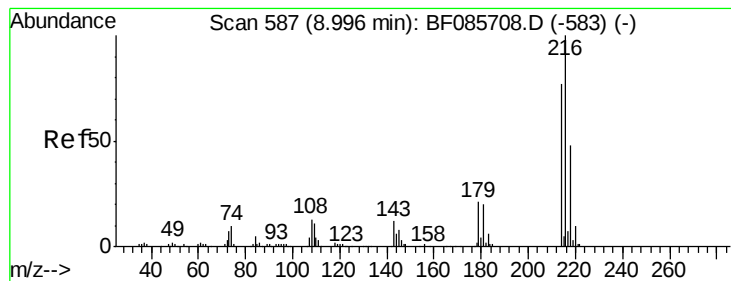
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.1	123.1
160	48.6	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.37 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF085802.D

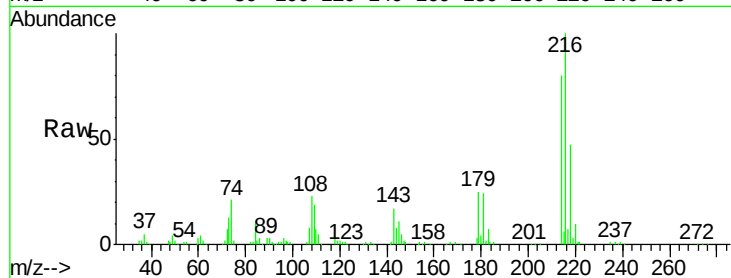
Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

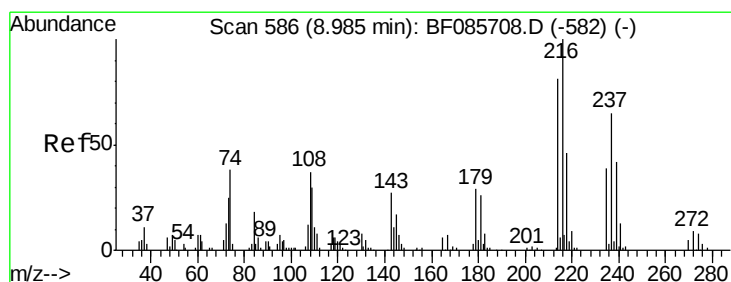
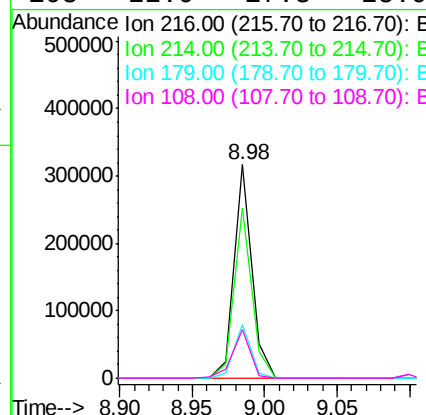
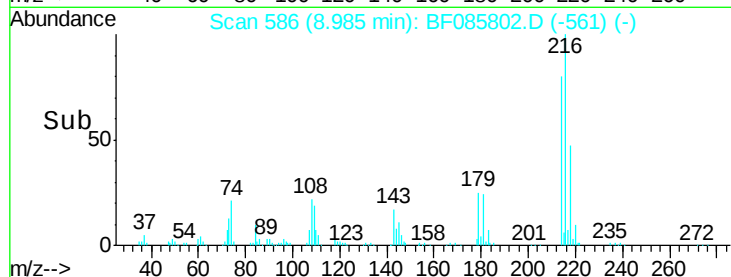
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	271840		
214	79.4	63.1	94.7	
179	24.1	18.2	27.2	
108	22.9	17.3	25.9	

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#40

Hexachlorocyclopentadiene

Concen: 38.85 ng

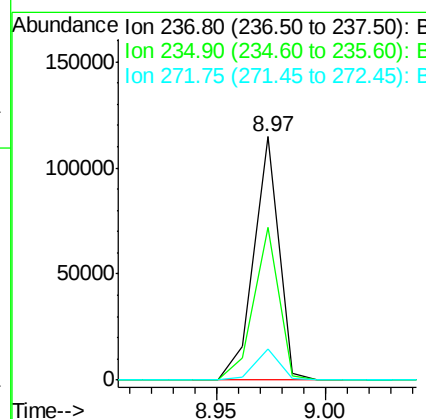
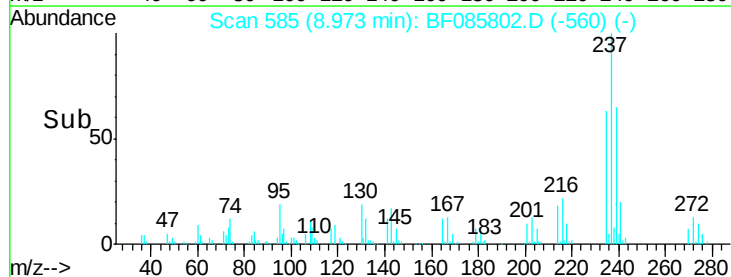
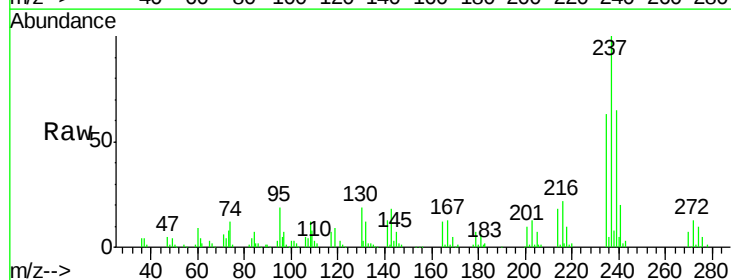
RT: 8.97 min Scan# 585

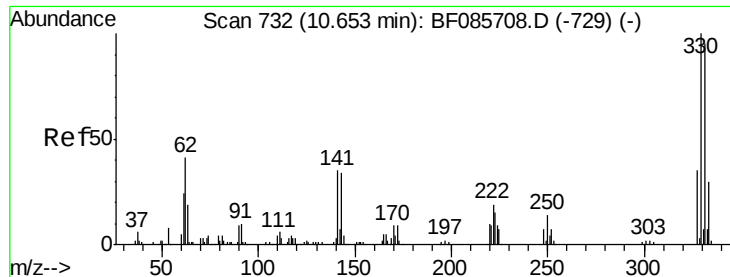
Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	91774		
235	62.9	43.7	83.7	
272	12.8	0.0	31.9	





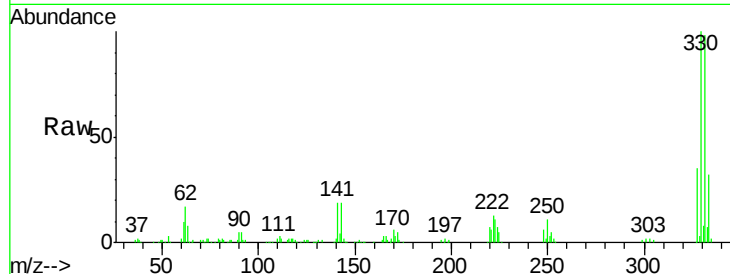
#41
 2,4,6-Tribromophenol
 Concen: 87.67 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

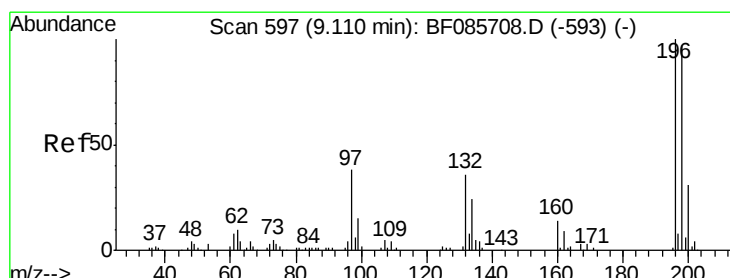
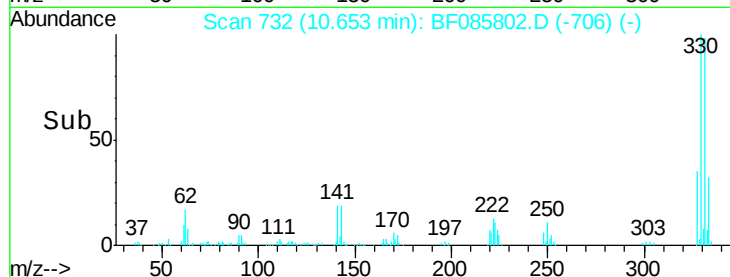
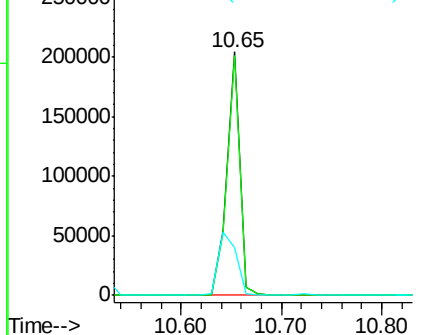
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	184558		
332	98.2	78.2	117.2	
141	35.8	31.5	47.3	

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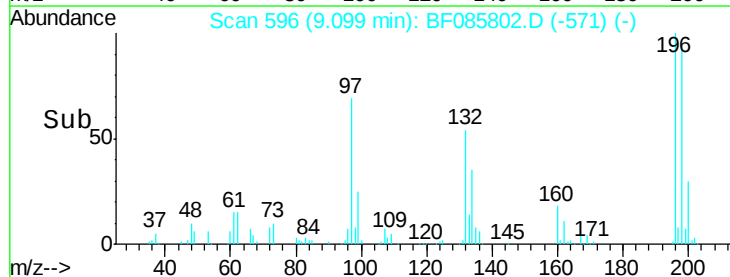
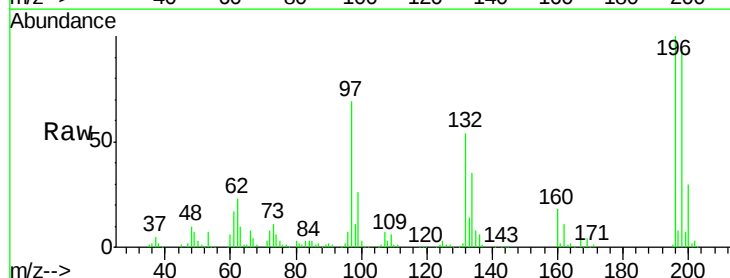
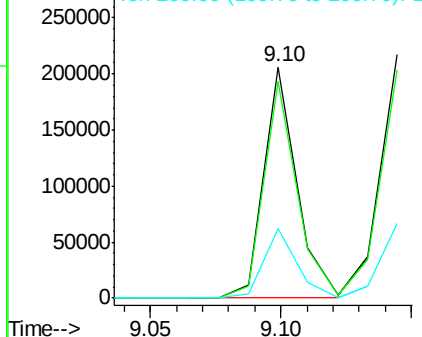
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

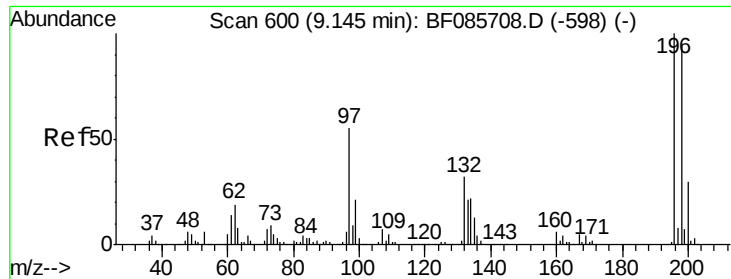


#42
 2,4,6-Trichlorophenol
 Concen: 41.01 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181972		
198	93.8	75.3	112.9	
200	29.9	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





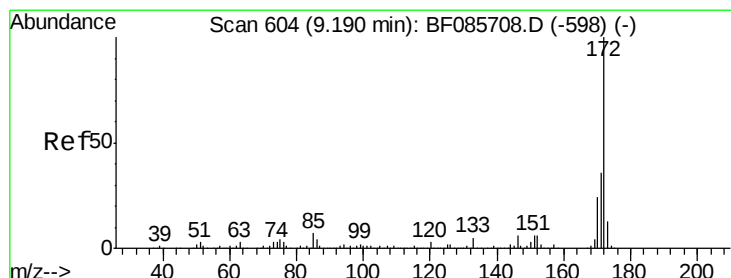
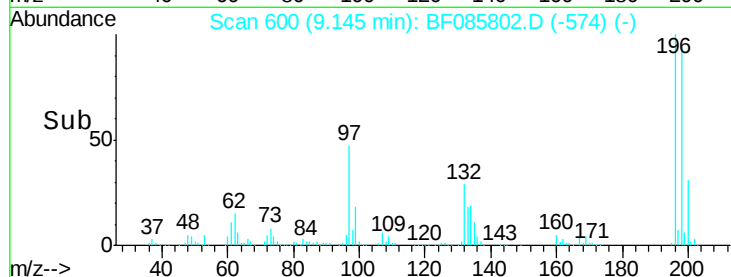
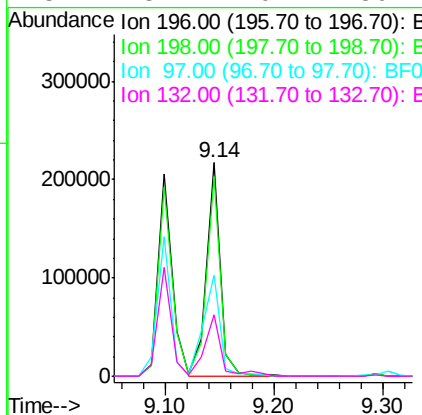
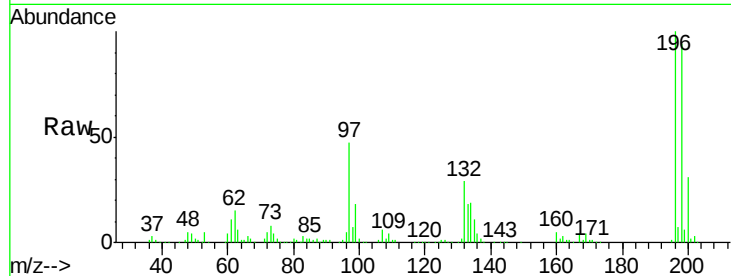
#43
 2,4,5-Trichlorophenol
 Concen: 41.94 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	195184		
198	93.7	76.6	114.8	
97	47.4	30.5	45.7	
132	28.7	20.2	30.2	

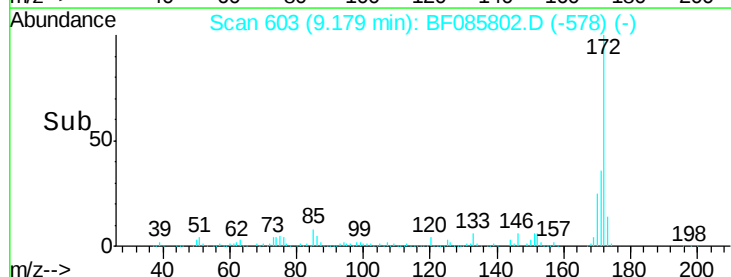
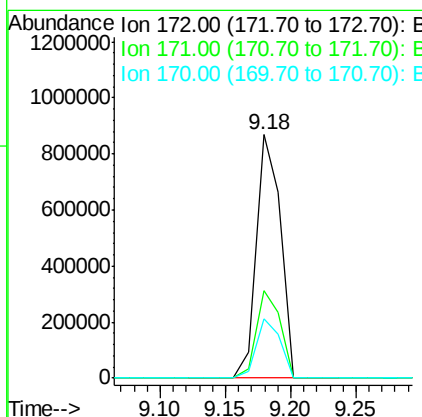
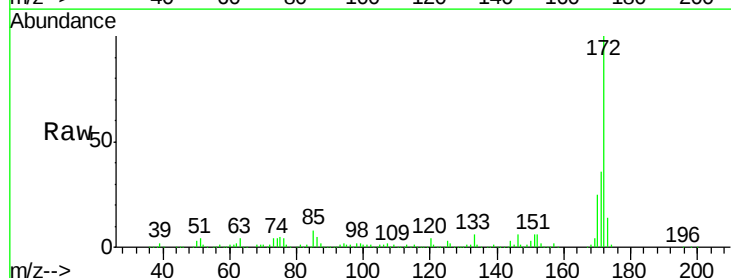
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#44
 2-Fluorobiphenyl
 Concen: 84.36 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1118737		
171	35.9	29.4	44.2	
170	24.5	19.8	29.6	





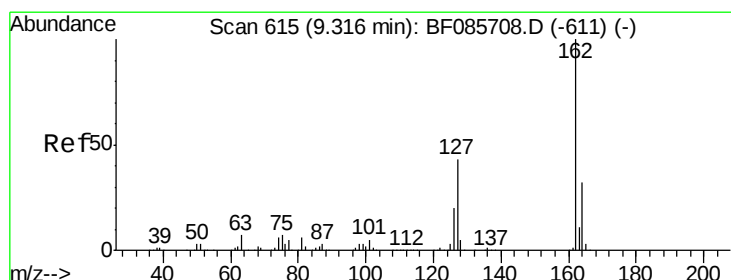
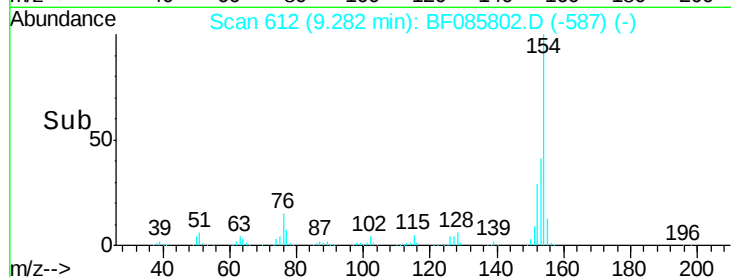
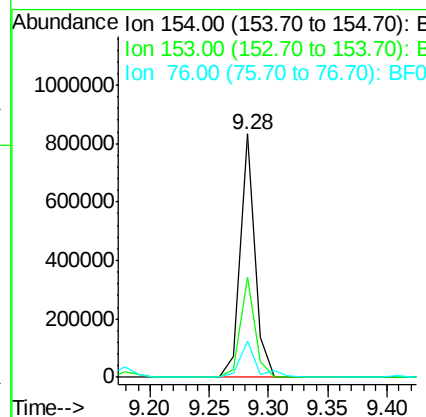
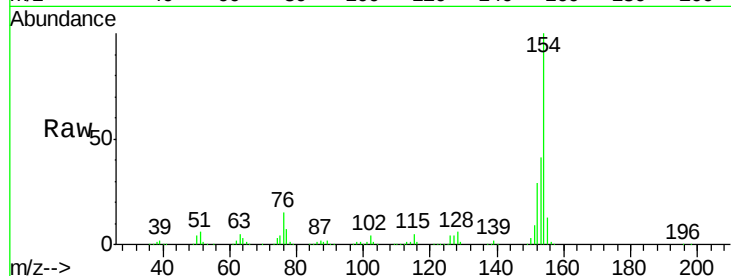
#45
 1,1'-Biphenyl
 Concen: 38.39 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.8	60.8
76	14.6	0.0	36.7

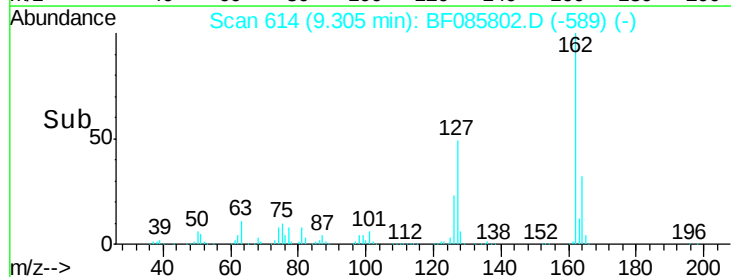
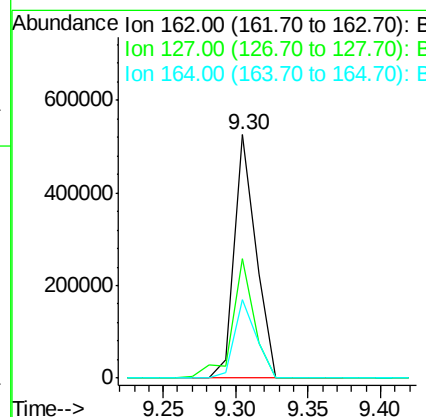
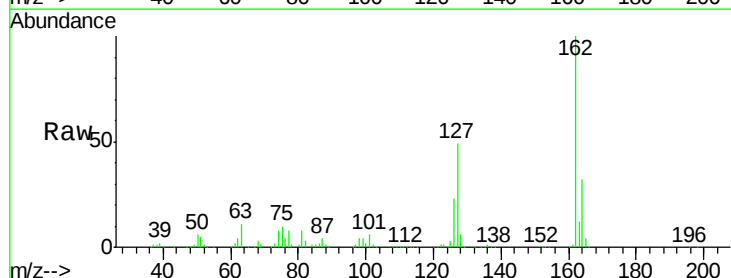
Manual Integrations
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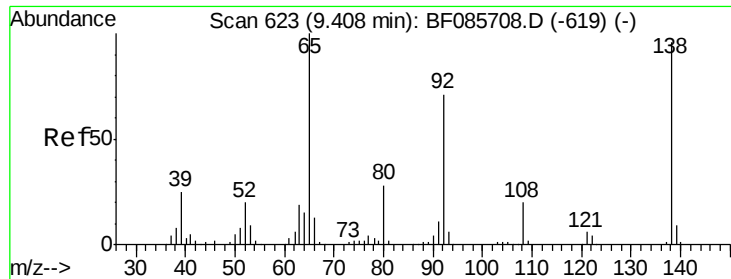
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#46
 2-Chloronaphthalene
 Concen: 39.63 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	49.3	31.7	47.5#
164	32.3	27.3	40.9





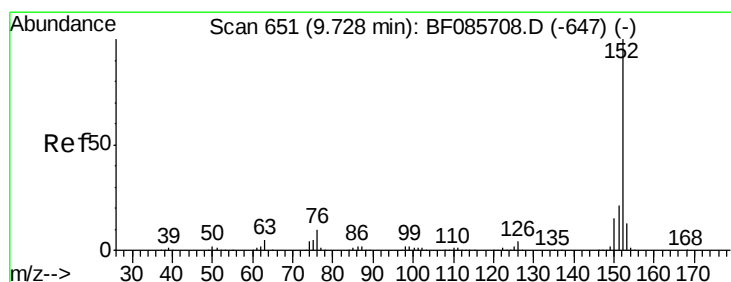
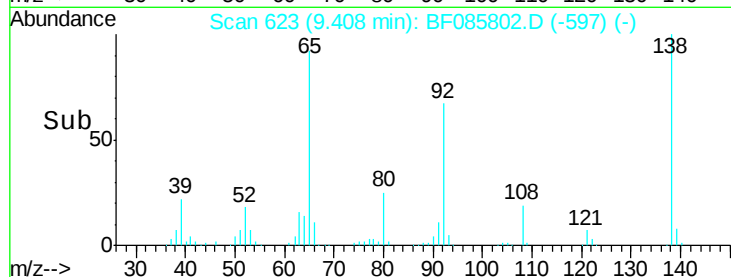
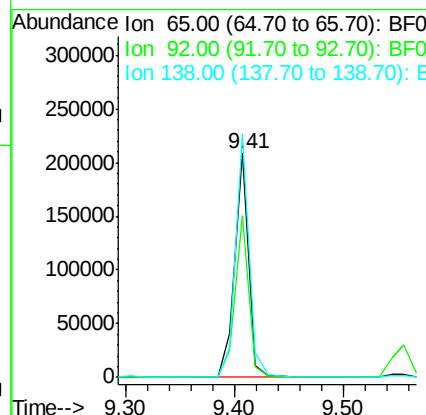
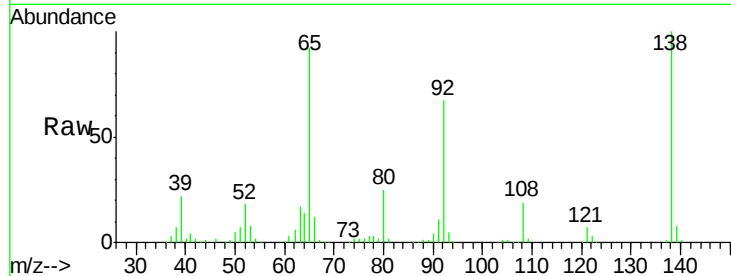
#47
2-Nitroaniline
Concen: 43.23 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	59.7	89.5
138	108.7	91.4	137.0

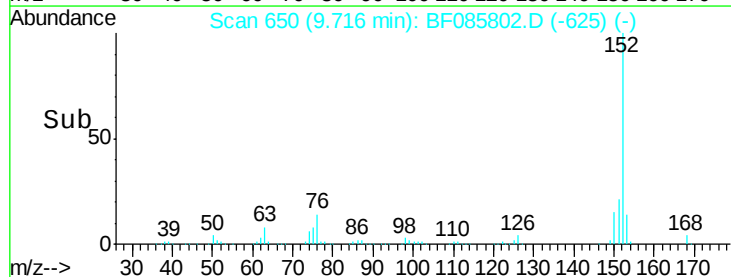
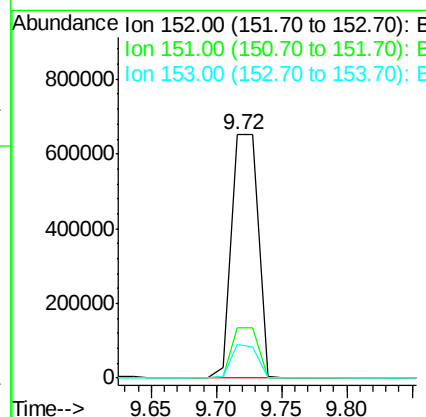
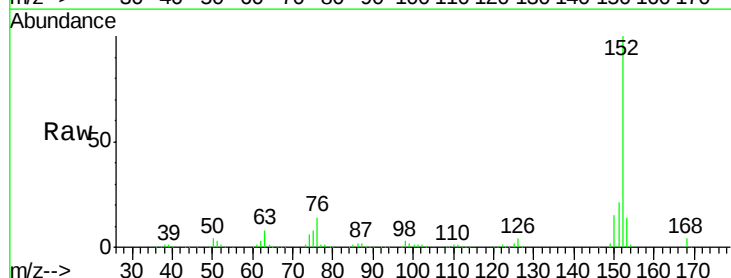
Manual Integrations
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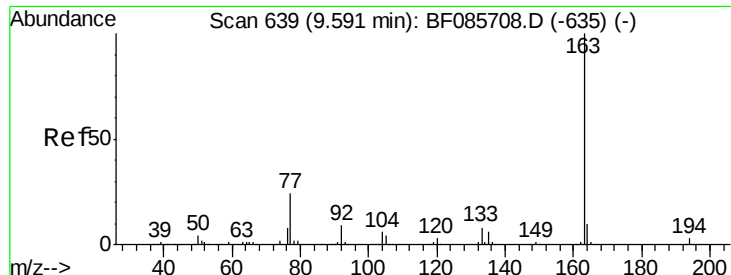
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#48
Acenaphthylene
Concen: 40.92 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.8	10.9	16.3





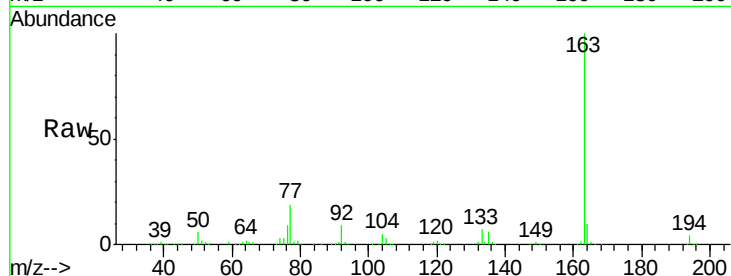
#49
Dimethylphthalate
Concen: 42.39 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

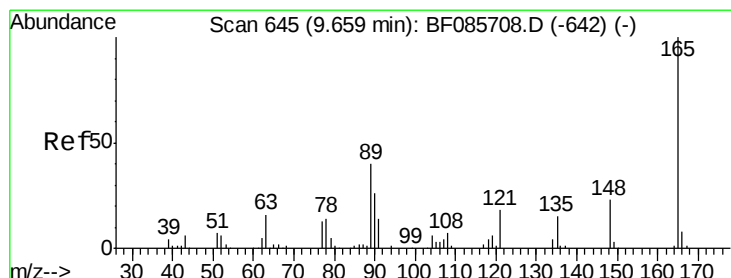
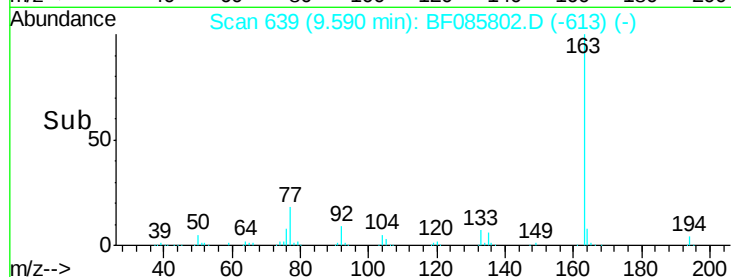
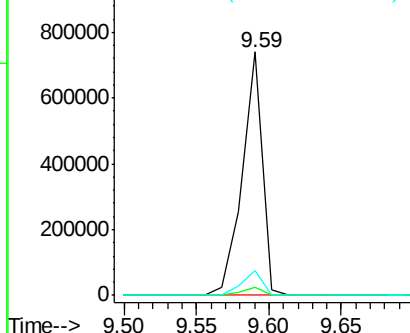
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.9	4.3
164	10.1	8.3	12.5

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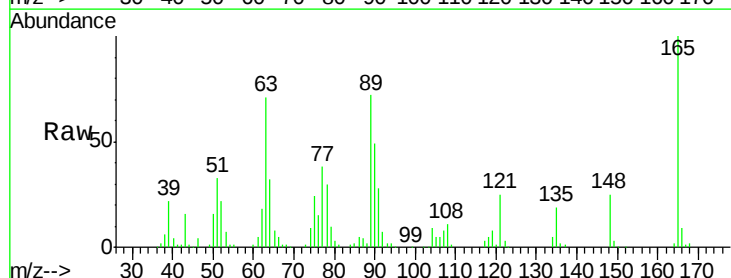


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

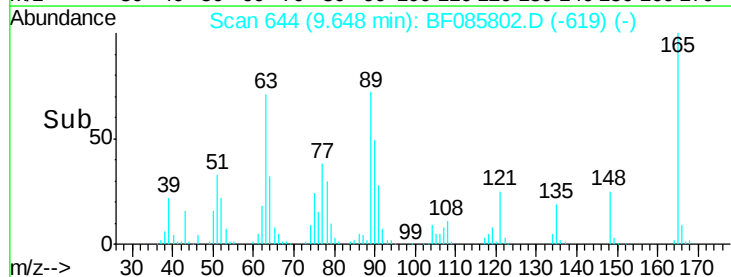
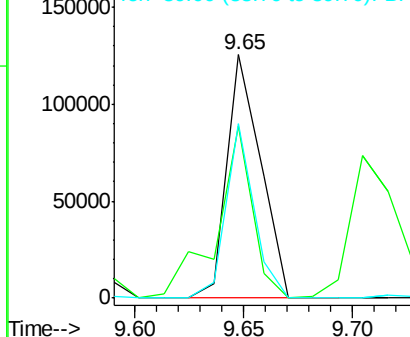


#50
2,6-Dinitrotoluene
Concen: 37.21 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	70.8	51.8	77.8
89	71.9	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: 40.58 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

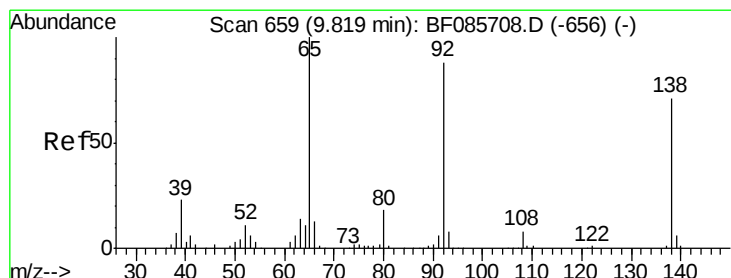
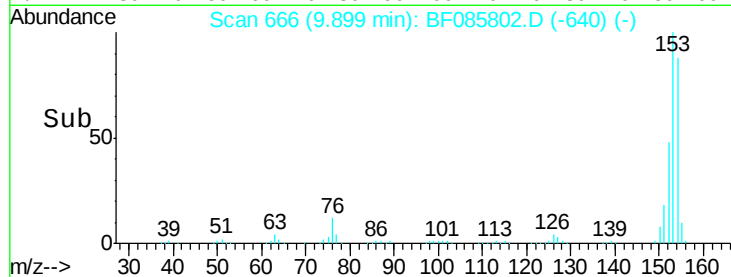
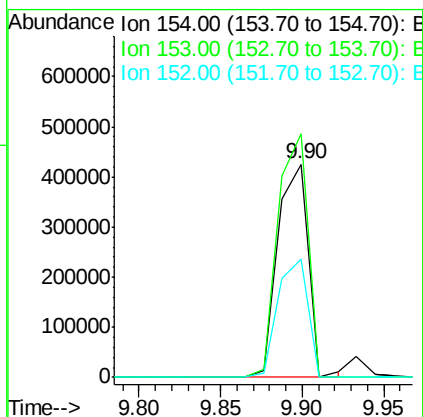
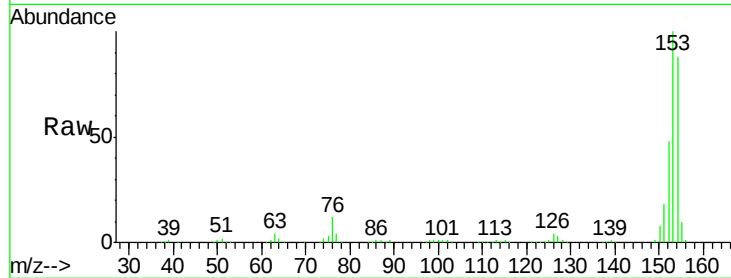
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	555243
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.1	135.1
152	55.2	44.2	66.2

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#52

3-Nitroaniline

Concen: 39.64 ng

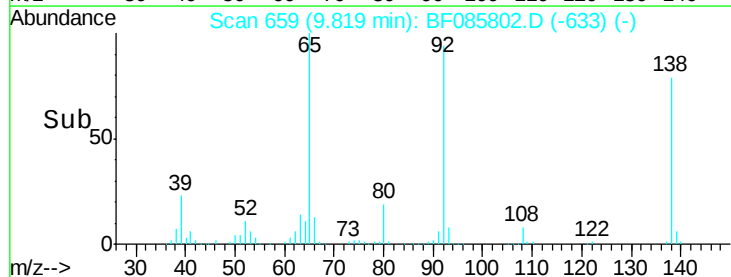
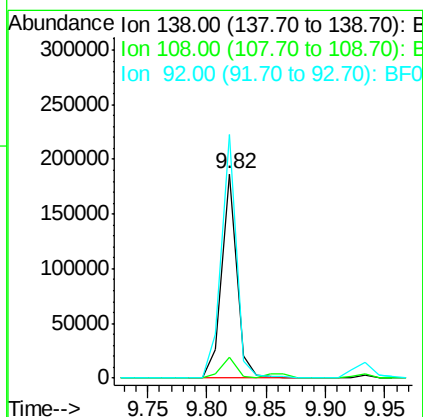
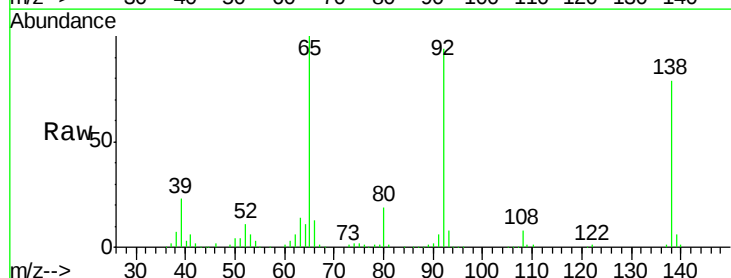
RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:	138	Resp:	164192
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.7	13.1
92	119.1	93.3	139.9





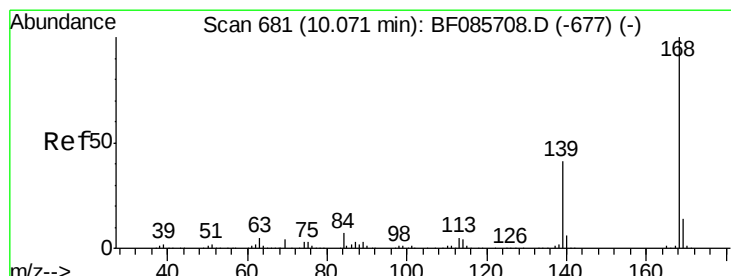
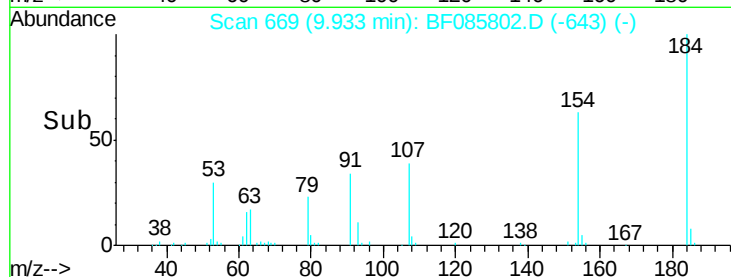
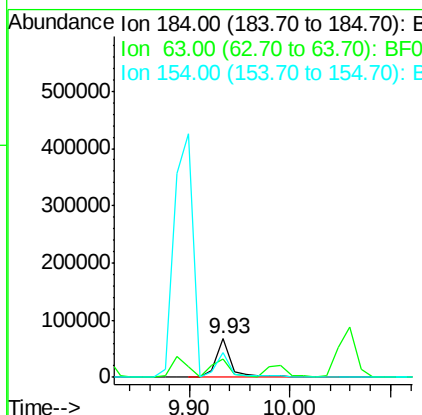
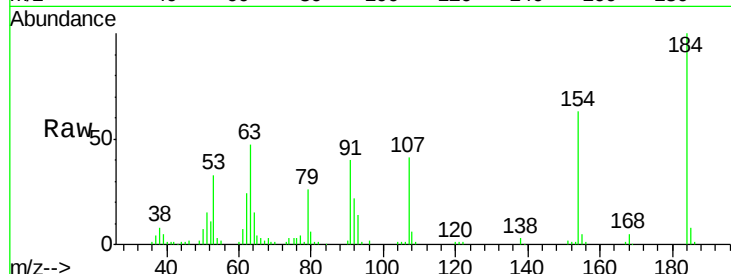
#53
 2,4-Dinitrophenol
 Concen: 42.21 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 71528
 Ion Ratio Lower Upper
 184 100
 63 46.6 69.5 104.3#
 154 62.7 58.3 87.5

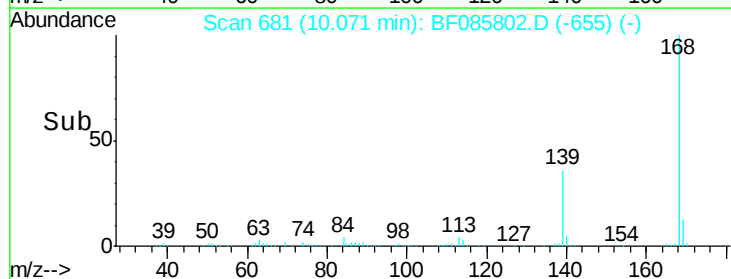
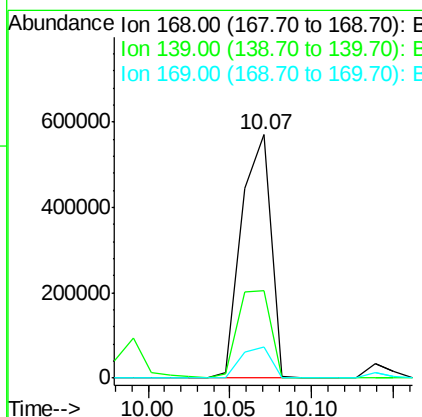
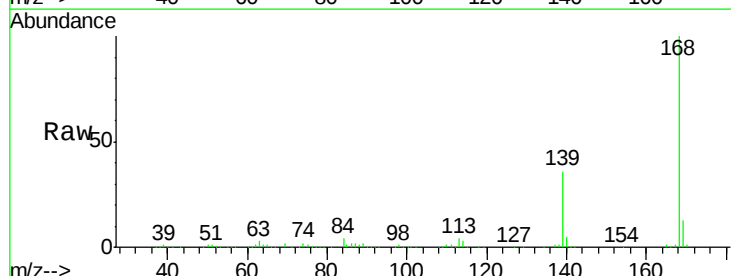
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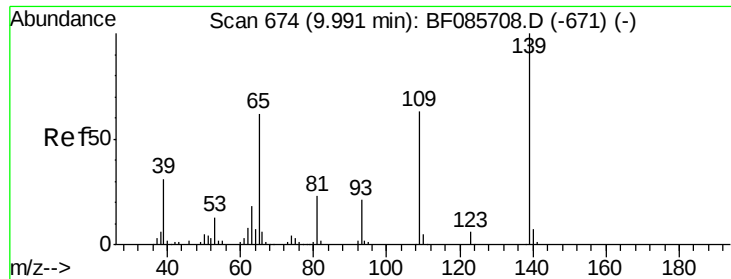
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#54
 Dibenzofuran
 Concen: 40.07 ng
 RT: 10.07 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion:168 Resp: 709560
 Ion Ratio Lower Upper
 168 100
 139 35.7 31.9 47.9
 169 12.7 11.0 16.6





#55

4-Nitrophenol

Concen: 41.03 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

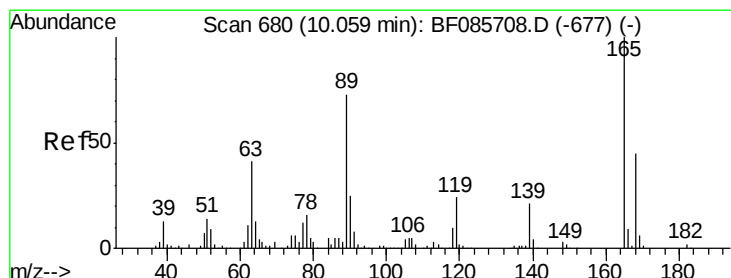
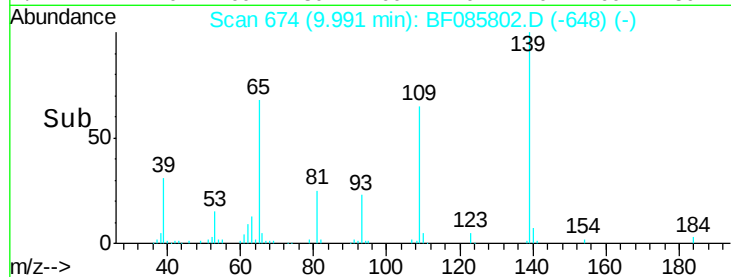
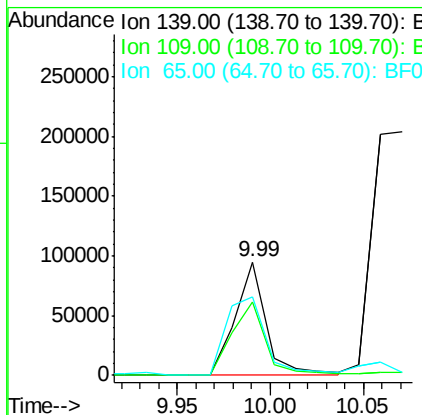
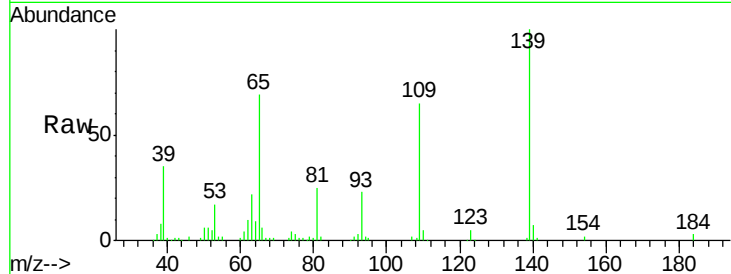
ClientSampleId :

SSTDCCC040

Tgt Ion:	139	Resp:	110704
Ion Ratio	Lower	Upper	
139	100		
109	65.3	49.2	89.2
65	69.0	66.9	106.9

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#56

2,4-Dinitrotoluene

Concen: 44.13 ng

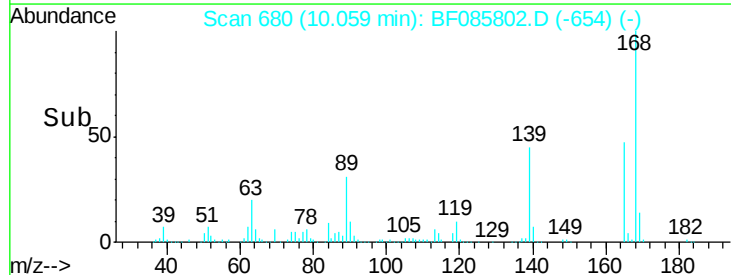
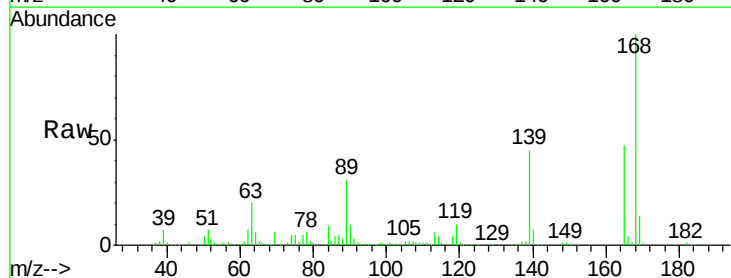
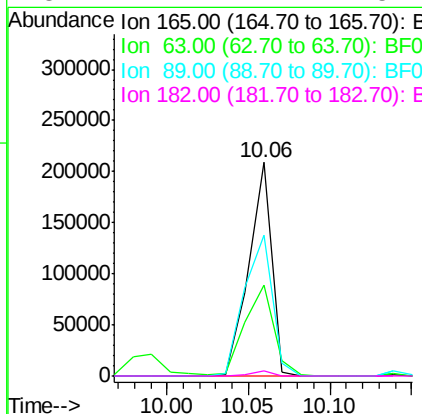
RT: 10.06 min Scan# 680

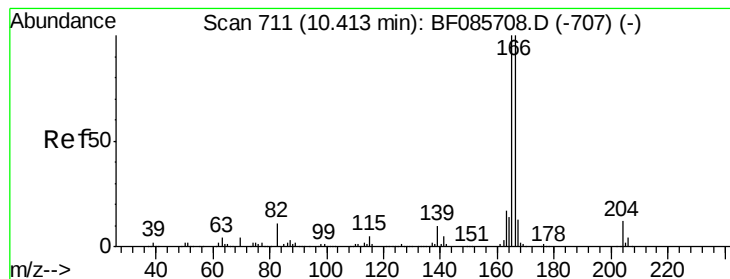
Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:	165	Resp:	202961
Ion Ratio	Lower	Upper	
165	100		
63	42.5	24.9	37.3#
89	65.7	41.0	61.6#
182	2.7	2.1	3.1





#57

Fluorene

Concen: 40.08 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

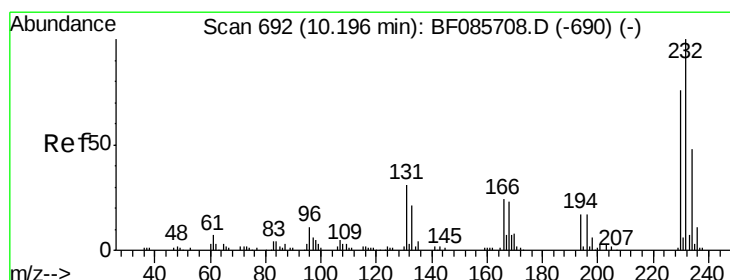
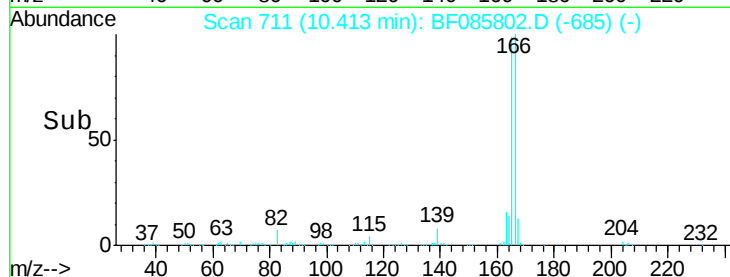
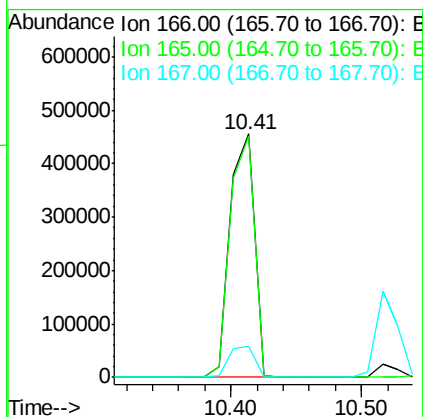
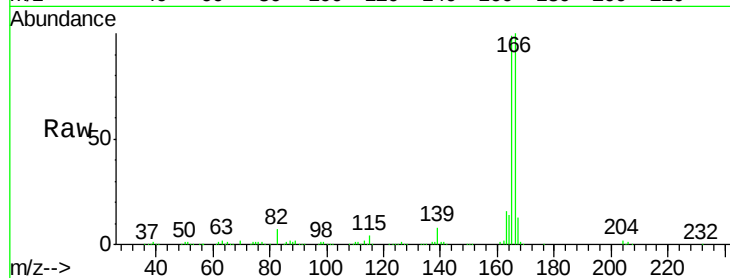
ClientSampleId :

SSTDCCC040

Tgt Ion:	166	Resp:	589968
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.4	119.0
167	12.9	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.88 ng

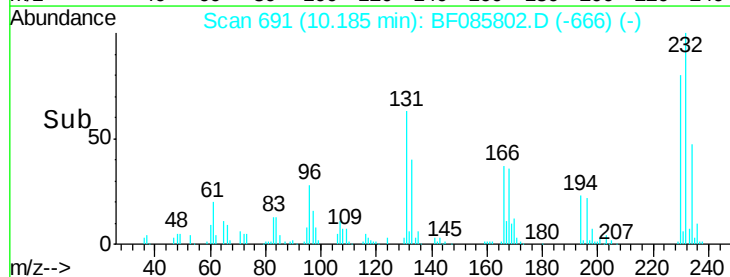
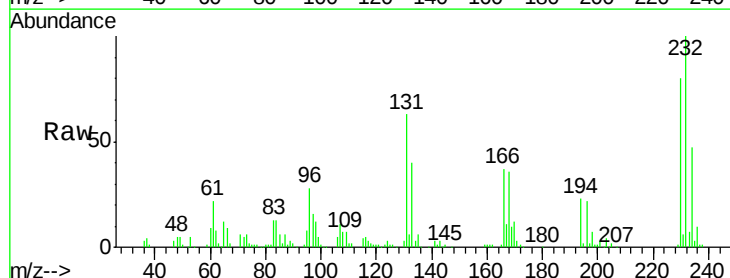
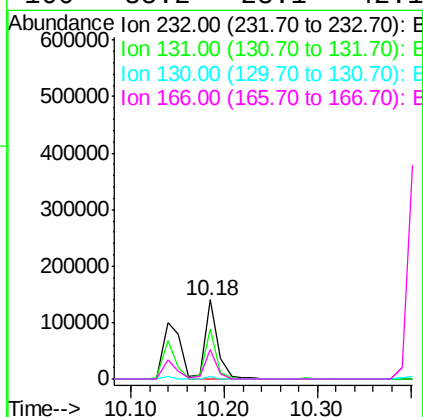
RT: 10.18 min Scan# 691

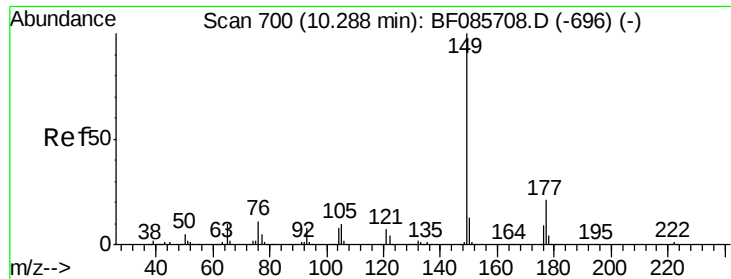
Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:	232	Resp:	132224
Ion Ratio	Lower	Upper	
232	100		
131	56.6	44.9	67.3
130	3.0	2.3	3.5
166	35.2	28.1	42.1





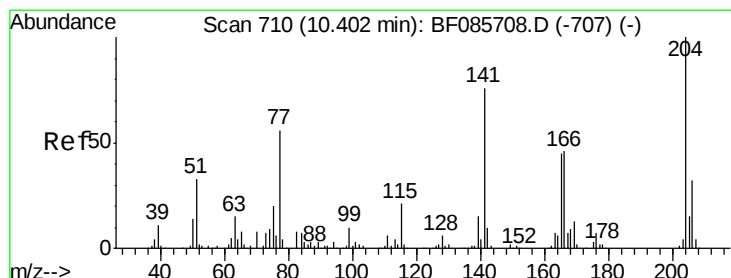
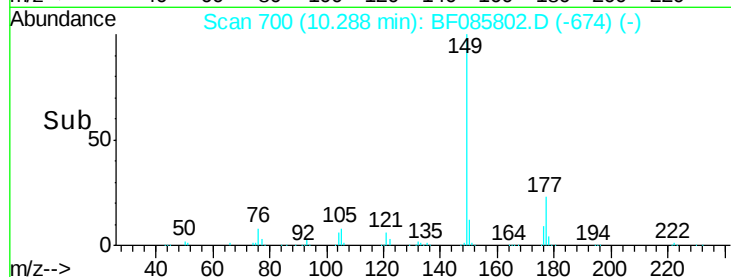
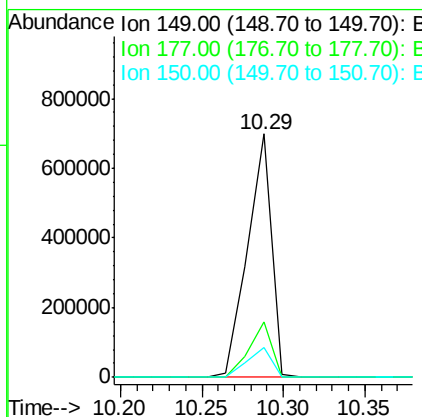
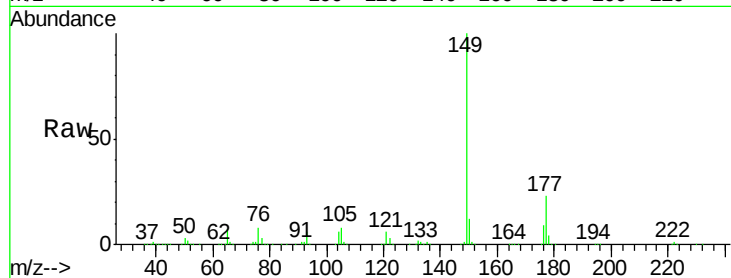
#59
Diethylphthalate
Concen: 42.73 ng
RT: 10.29 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	709702		
177	23.0		17.9	26.9
150	12.3		10.2	15.2

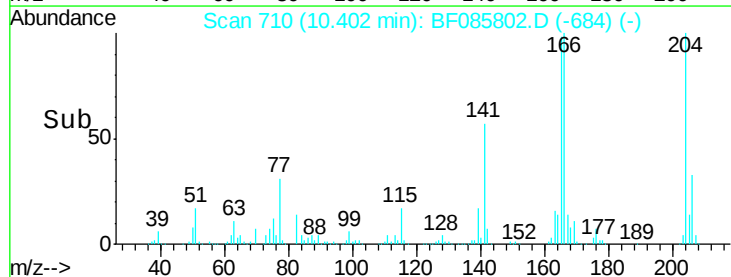
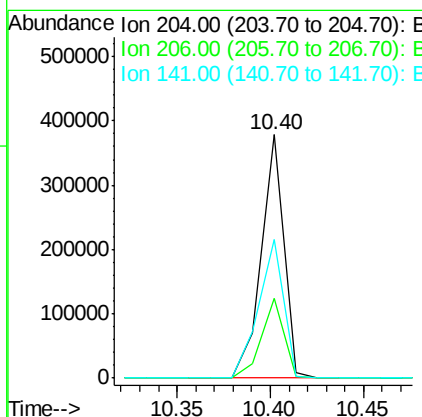
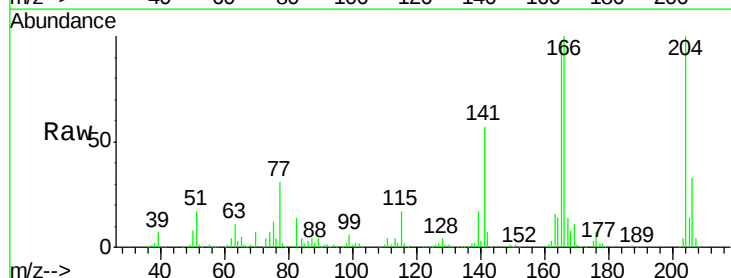
Manual Integrations
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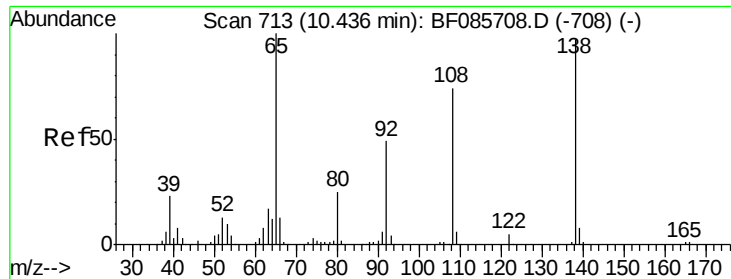
Sohil
3/29/2016 12:03:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.54 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	313363		
206	32.5		26.6	39.8
141	57.2		57.4	86.0#





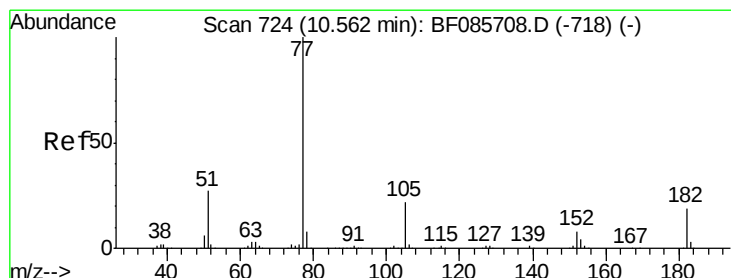
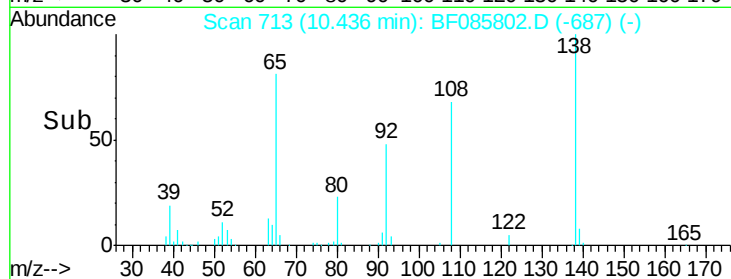
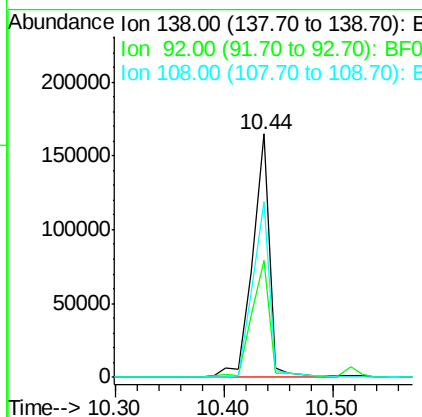
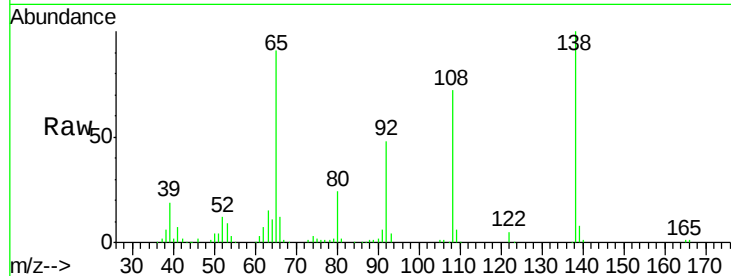
#61
4-Nitroaniline
Concen: 45.51 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	180290		
92	48.0	26.4	66.4	
108	72.0	49.0	89.0	

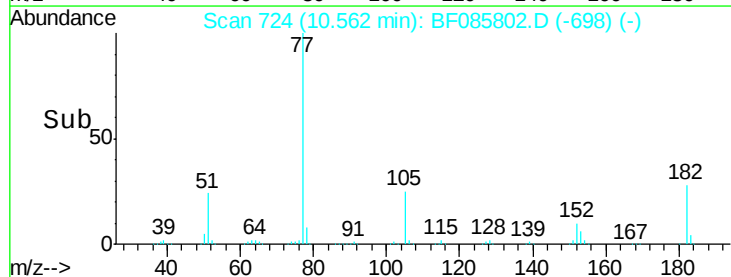
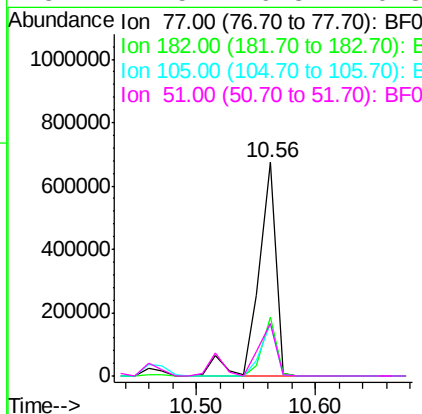
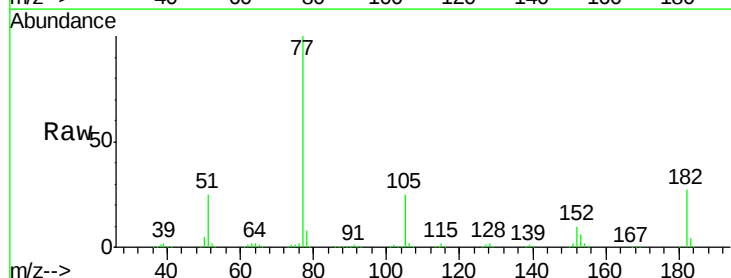
Manual Integrations
APPROVED

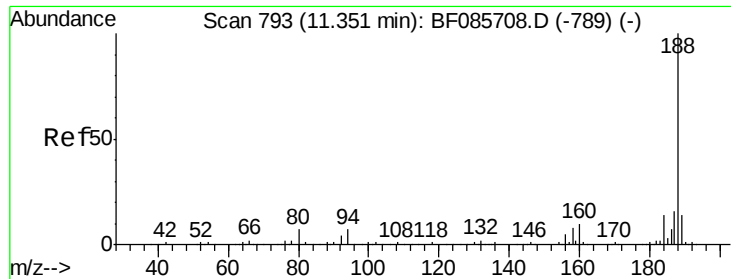
Sohil
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#62
Azobenzene
Concen: 44.15 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	704612		
182	27.5	1.9	41.9	
105	24.7	3.5	43.5	
51	24.5	6.3	46.3	





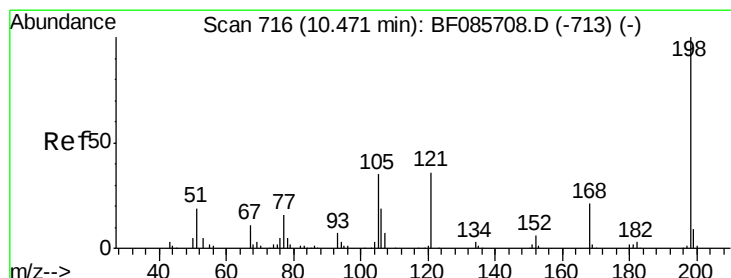
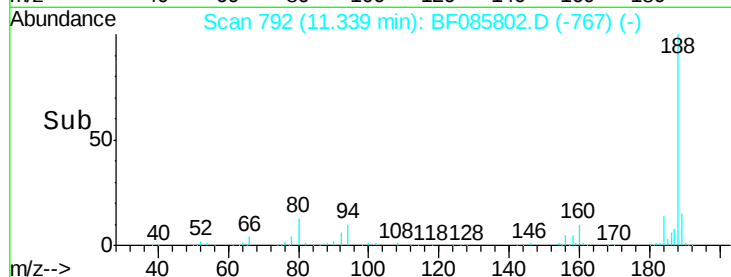
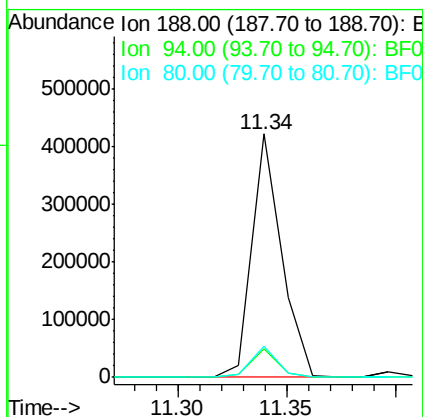
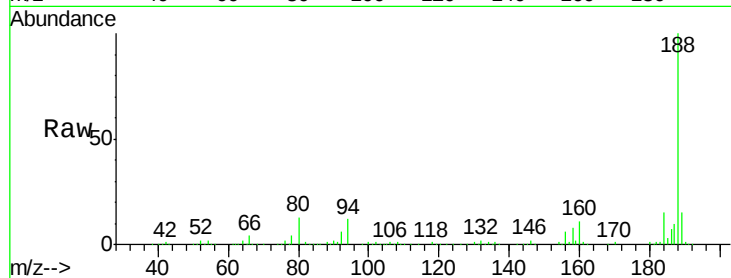
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.6	5.4	8.0#
80	12.8	5.5	8.3#

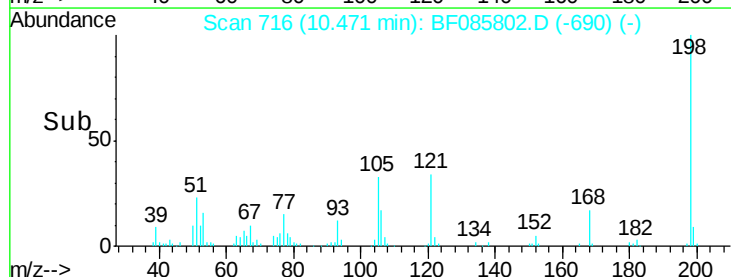
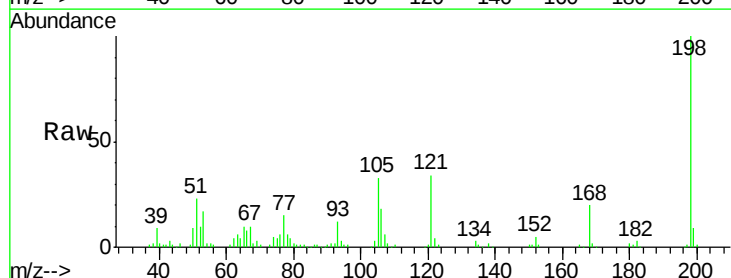
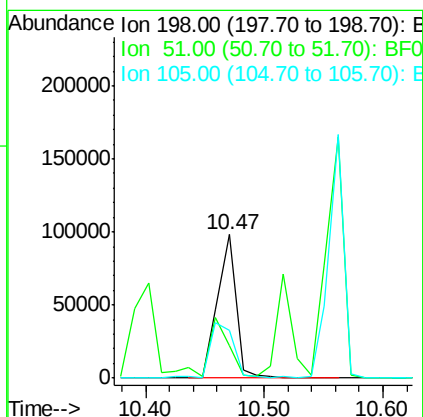
Manual Integrations
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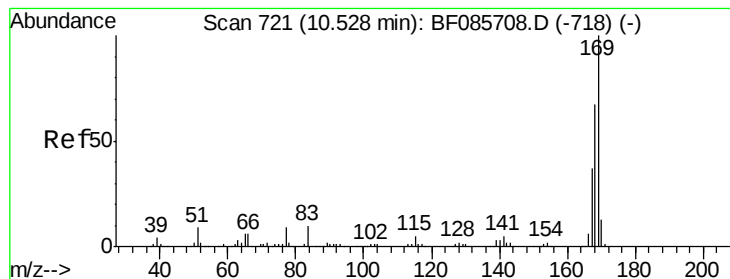
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.19 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	22.6	45.4	85.4#
105	33.1	45.9	85.9#





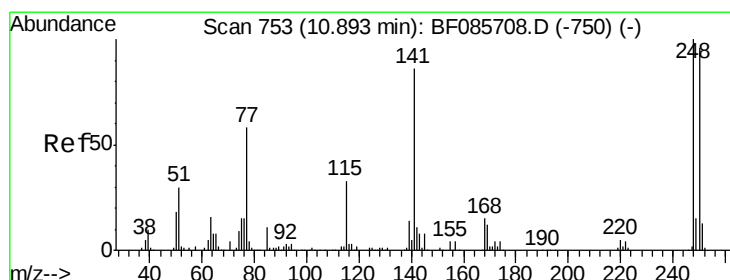
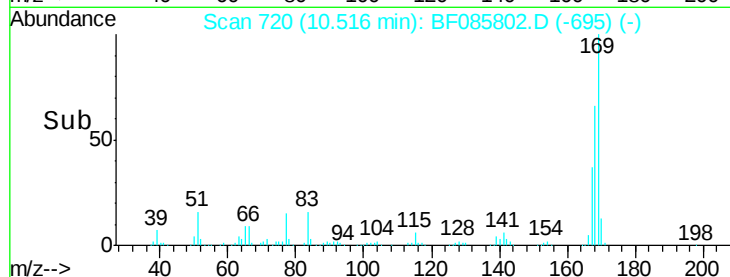
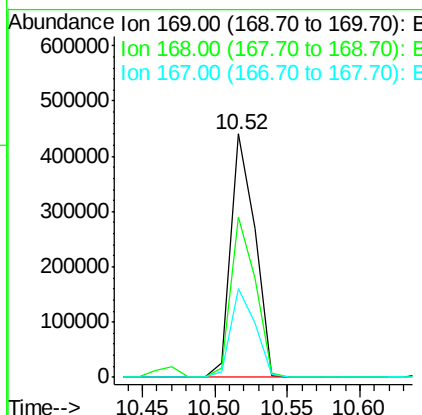
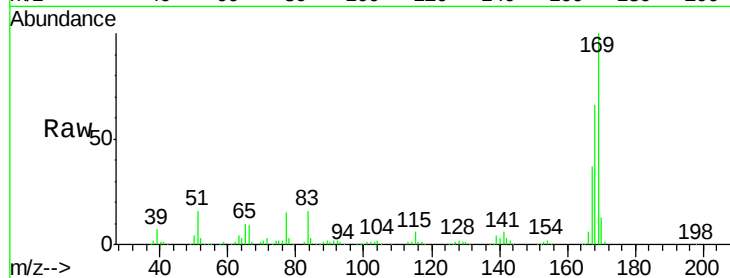
#65
 n-Nitrosodiphenylamine
 Concen: 39.81 ng
 RT: 10.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	65.8	54.4	81.6
167	36.6	29.4	44.0

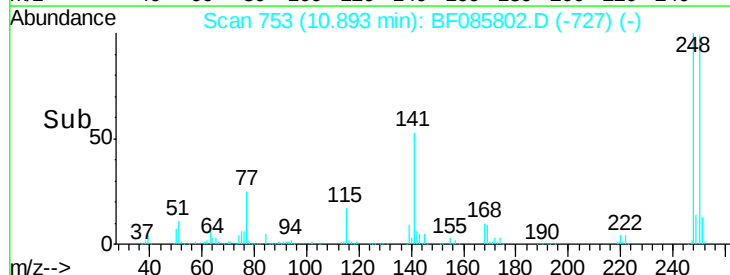
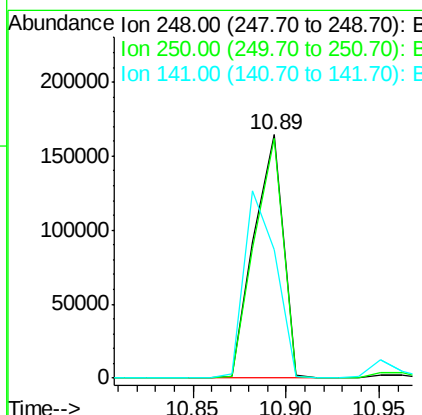
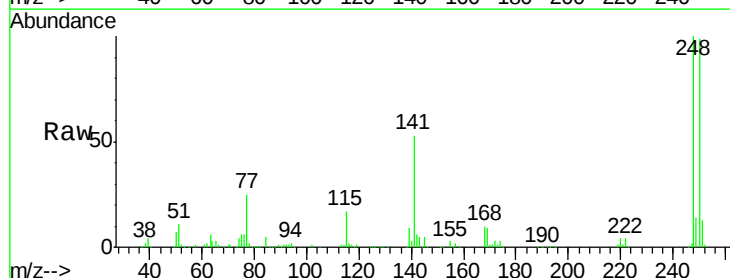
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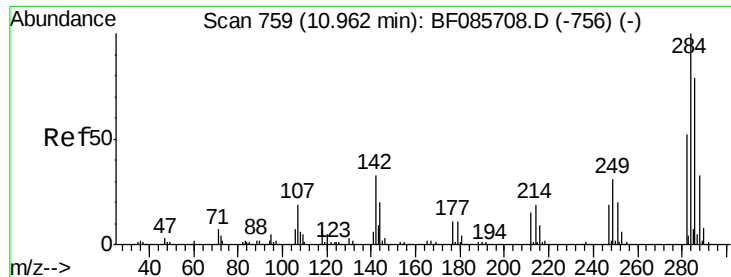
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#66
 4-Bromophenyl-phenylether
 Concen: 43.41 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.6	77.4	116.0
141	52.7	63.6	95.4





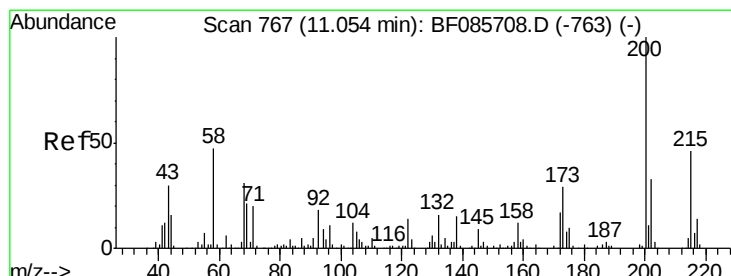
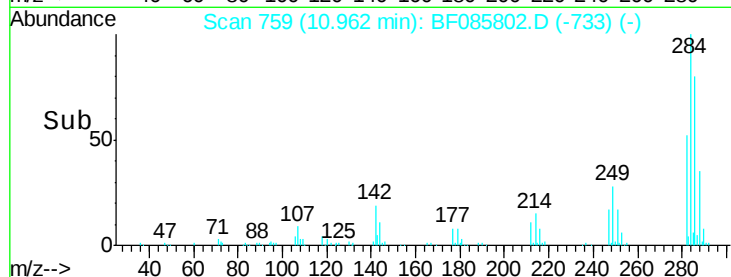
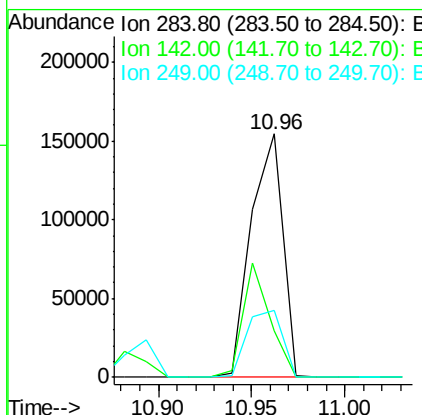
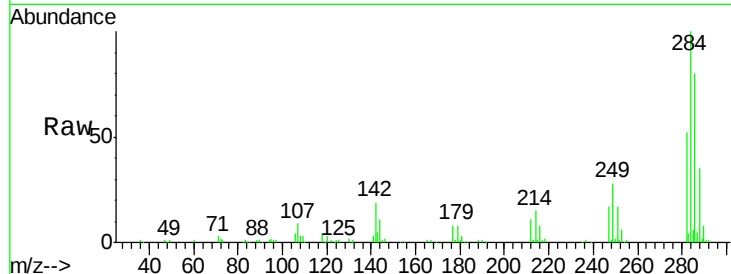
#67
Hexachlorobenzene
Concen: 42.29 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	19.1	23.1	34.7#
249	27.5	24.2	36.2

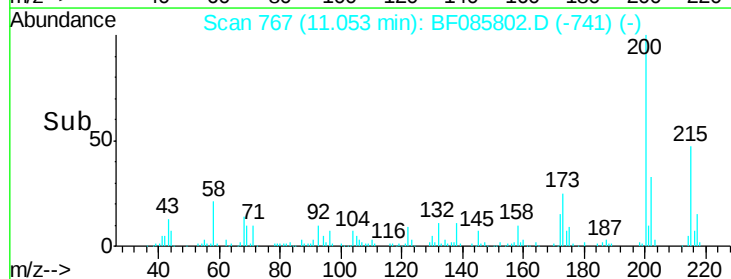
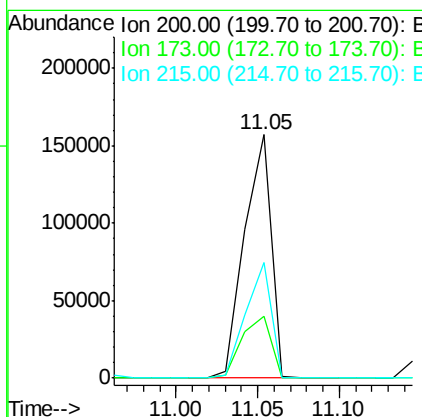
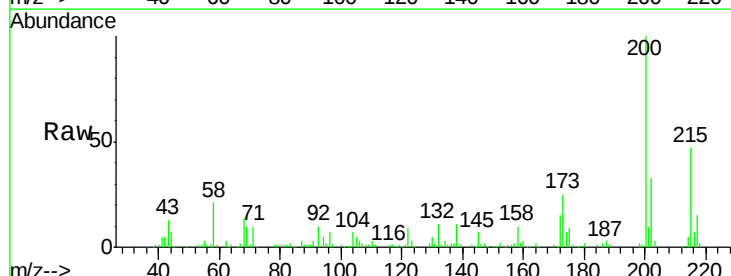
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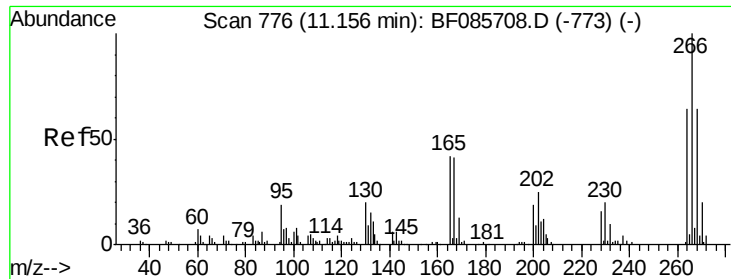
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#68
Atrazine
Concen: 41.39 ng
RT: 11.05 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.5	7.7	47.7
215	47.4	25.4	65.4





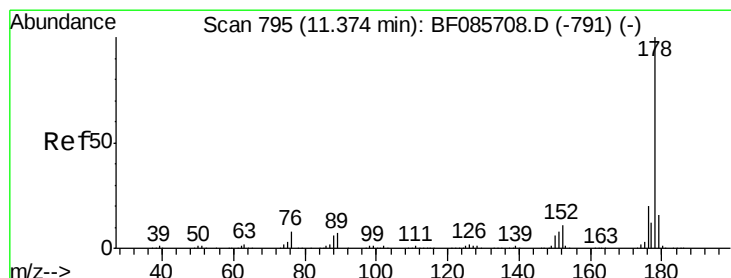
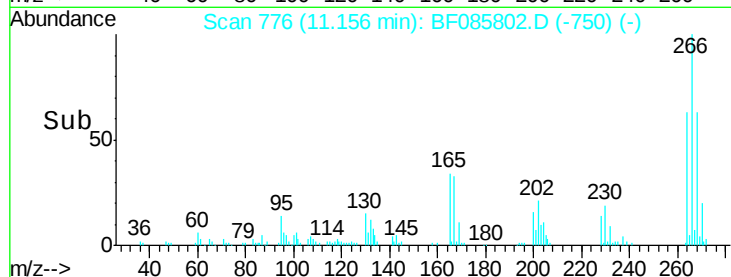
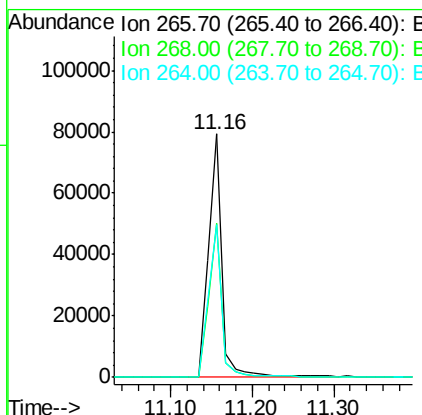
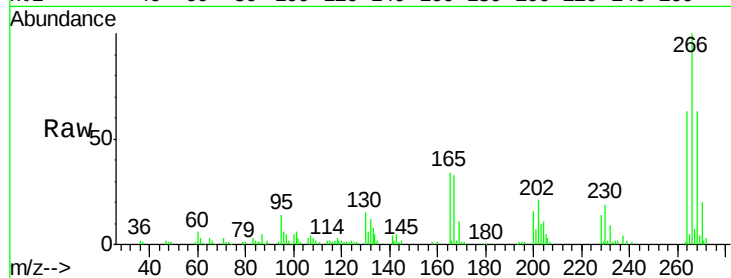
#69
 Pentachlorophenol
 Concen: 43.90 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.5	77.3
264	62.6	50.6	76.0

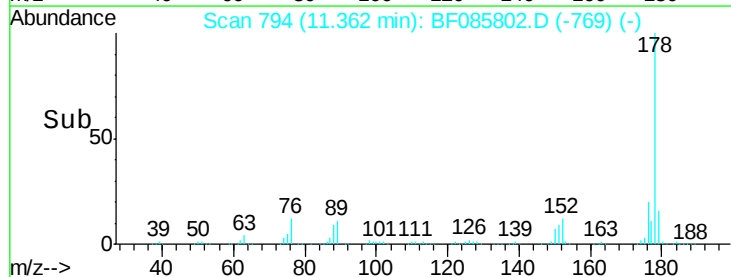
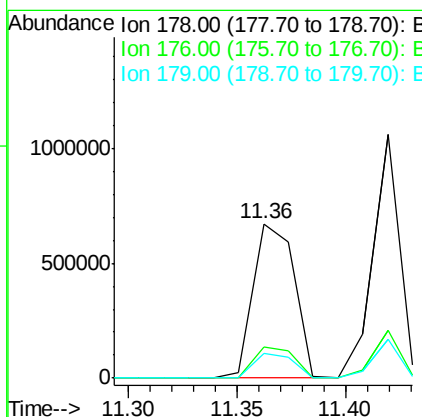
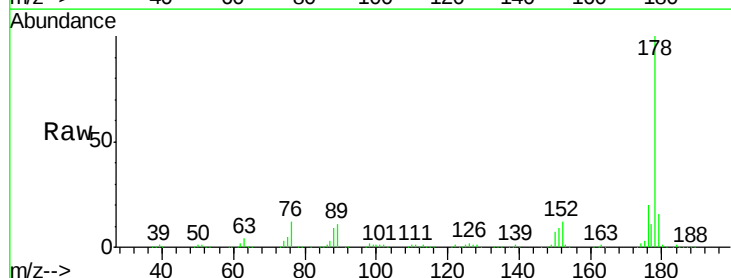
Manual Integrations
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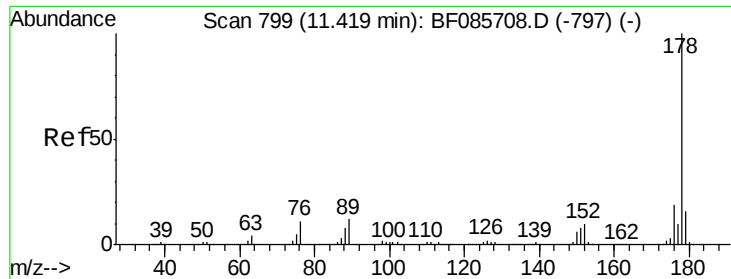
Sohil
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#70
 Phenanthrene
 Concen: 43.06 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.3	24.5
179	15.8	12.6	18.8





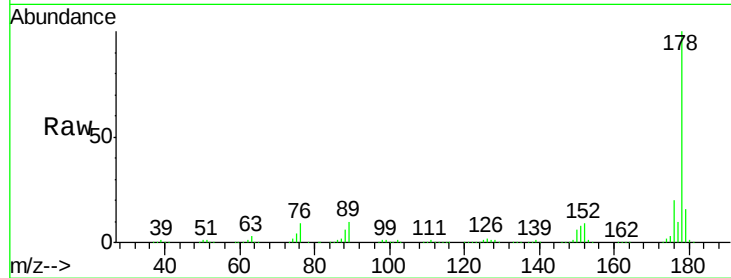
#71
 Anthracene
 Concen: 41.88 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

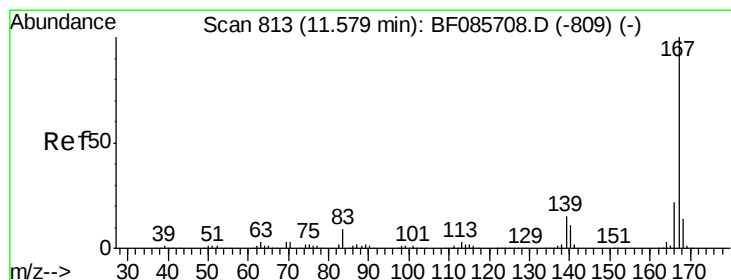
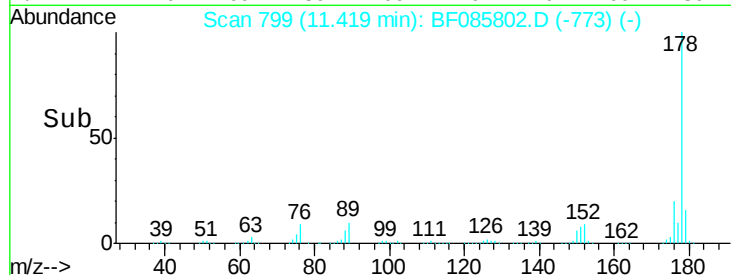
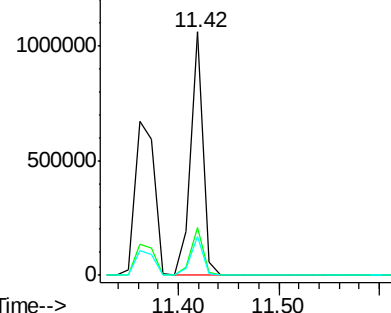
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	906352		
176	19.7	15.9	23.9	
179	15.9	13.0	19.4	

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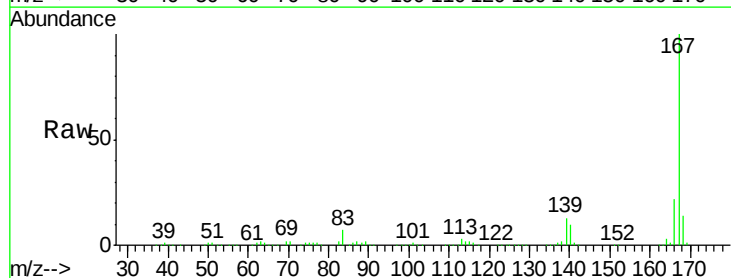


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

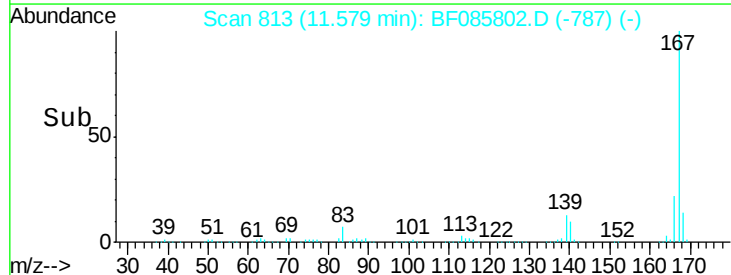
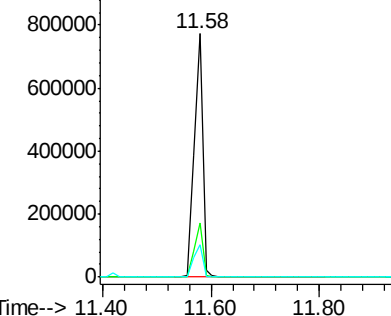


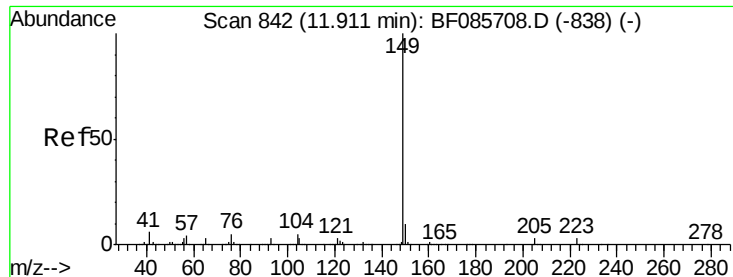
#72
 Carbazole
 Concen: 45.35 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	823973		
166	22.4	17.8	26.8	
139	13.5	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: 41.02 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1022622

Ion Ratio Lower Upper

149 100

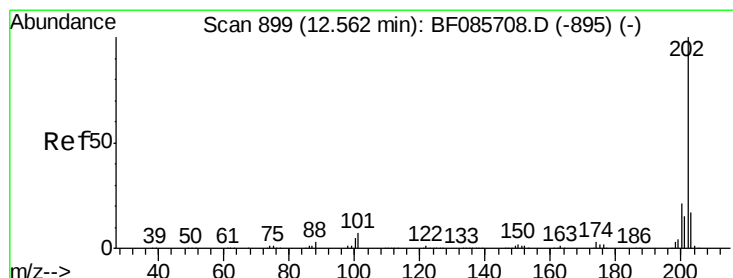
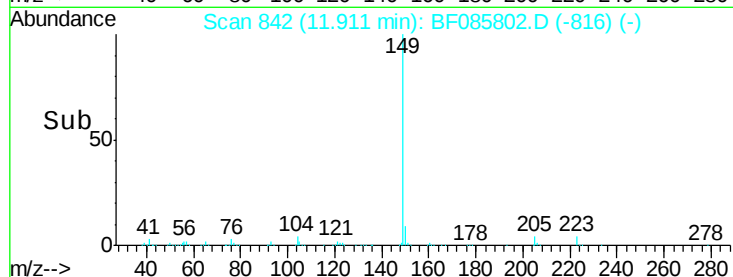
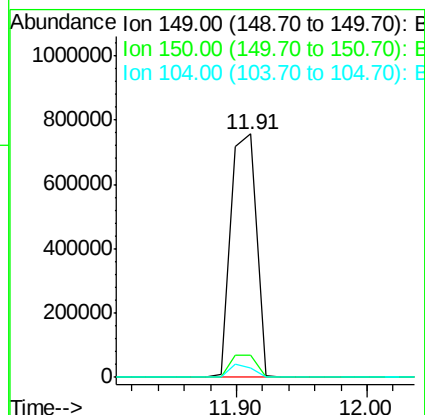
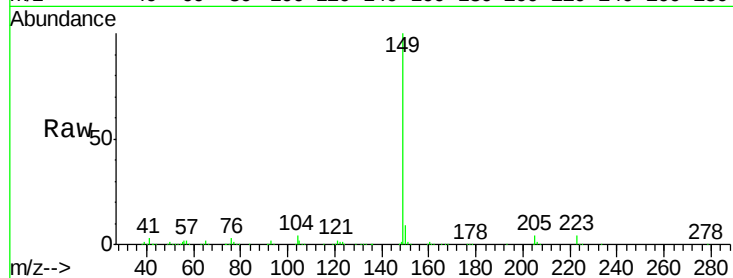
150 9.0 7.6 11.4

104 3.8 3.8 5.8#

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#74

Fluoranthene

Concen: 37.52 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

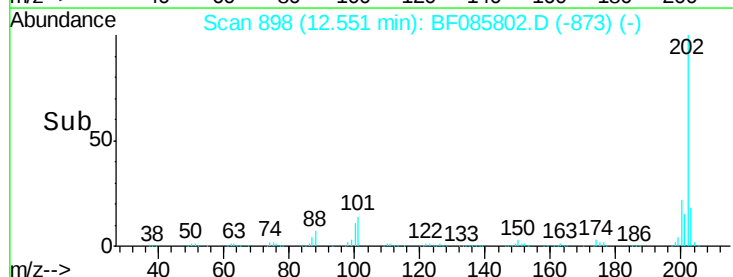
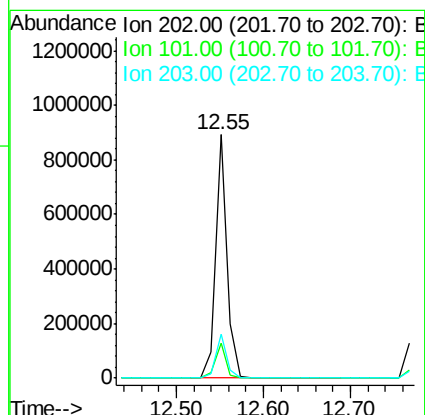
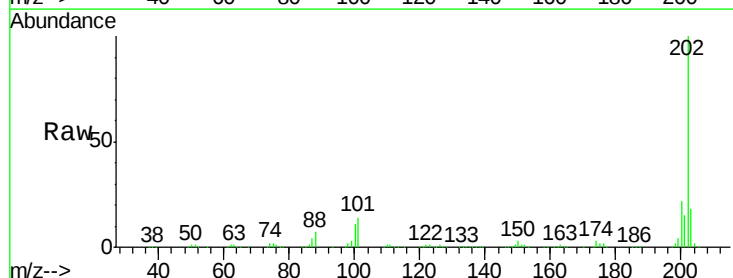
Tgt Ion:202 Resp: 822149

Ion Ratio Lower Upper

202 100

101 14.5 0.0 36.6

203 18.2 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: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

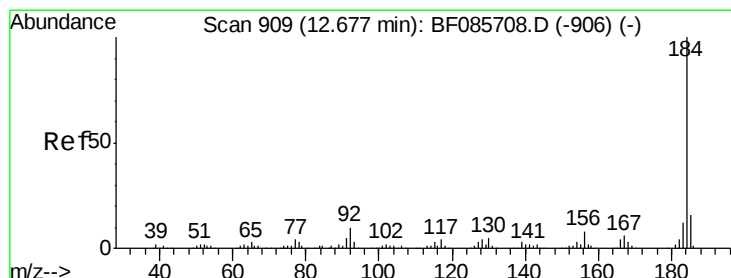
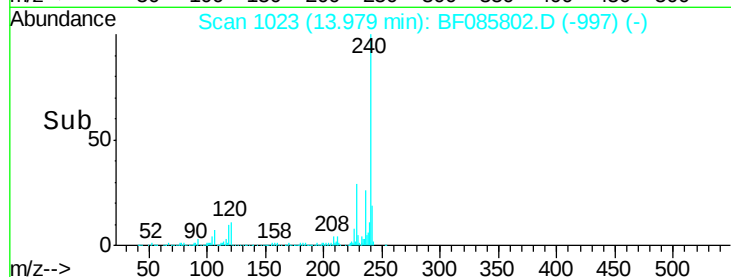
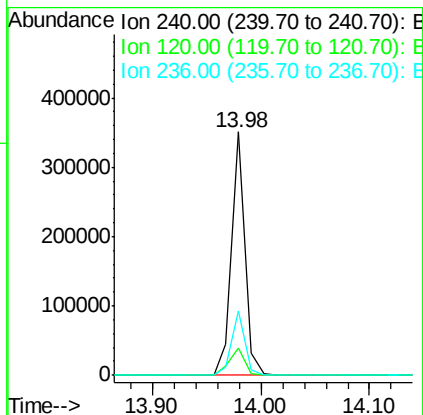
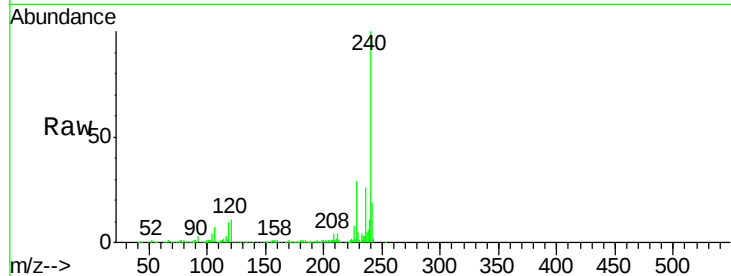
ClientSampleId :

SSTDCCC040

Tgt Ion:	240	Resp:	295641
Ion Ratio	Lower	Upper	
240	100		
120	11.2	13.8	20.8#
236	26.3	20.6	30.8

Manual Integrations
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#76

Benzidine

Concen: 37.94 ng

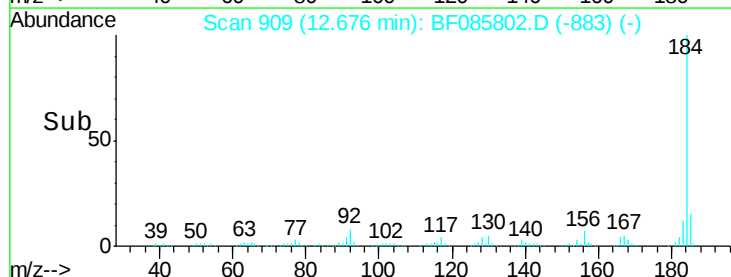
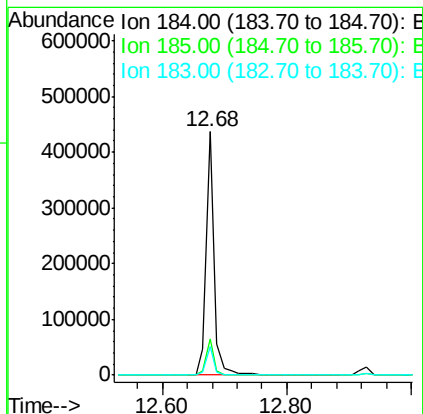
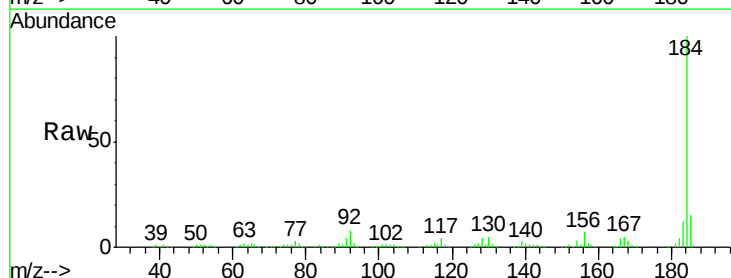
RT: 12.68 min Scan# 909

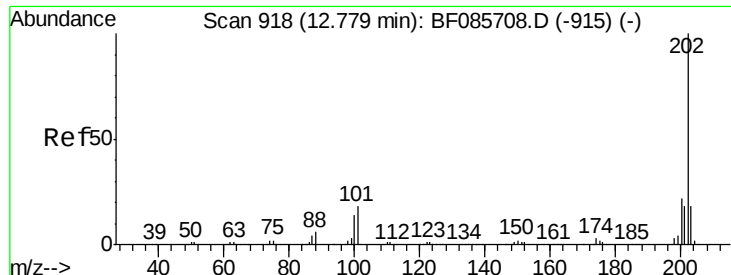
Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt Ion:	184	Resp:	394973
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.4	18.6
183	11.7	9.4	14.2





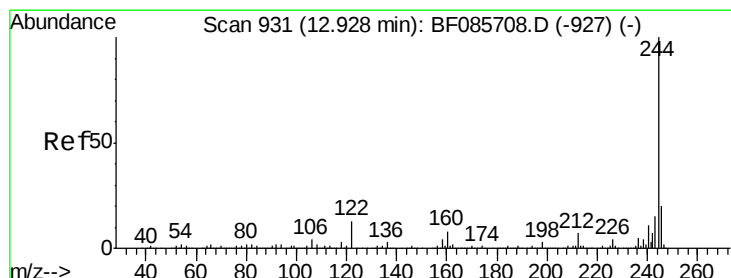
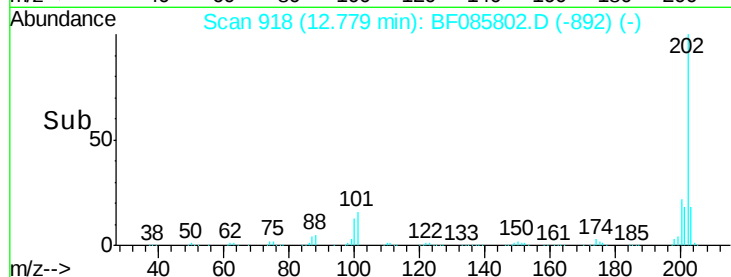
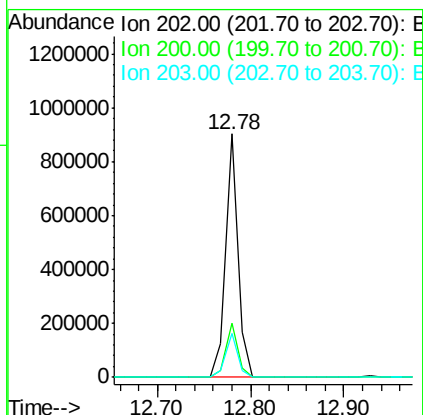
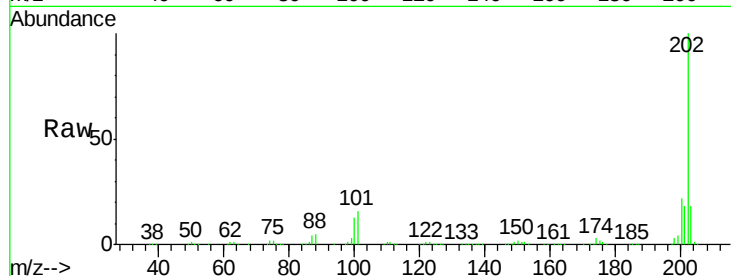
#77
 Pyrene
 Concen: 34.05 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	827367		
200	22.2	17.6	26.4	
203	17.9	14.0	21.0	

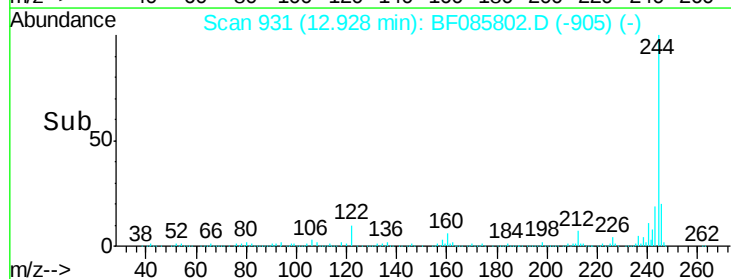
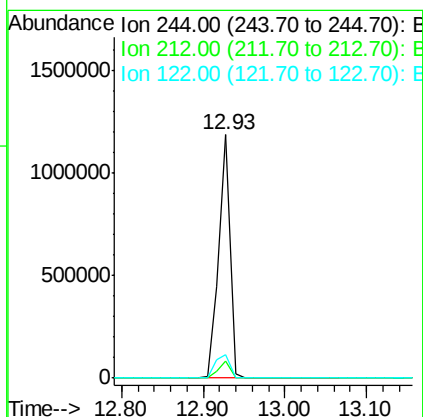
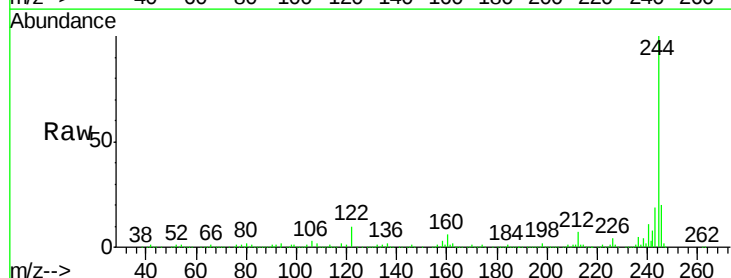
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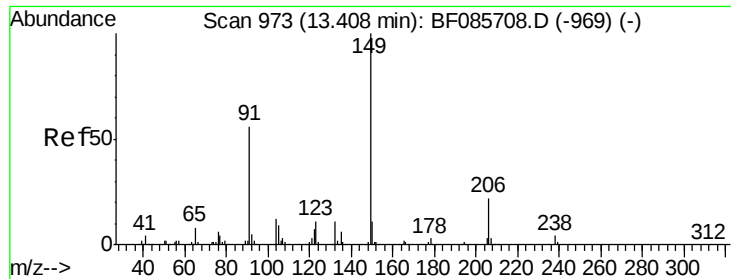
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#78
 Terphenyl-d14
 Concen: 79.97 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1149621		
212	6.9	6.1	9.1	
122	9.6	10.2	15.4	





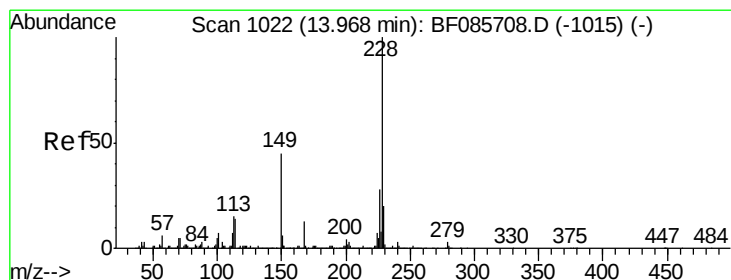
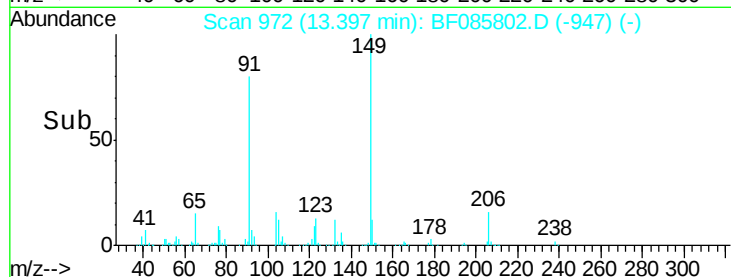
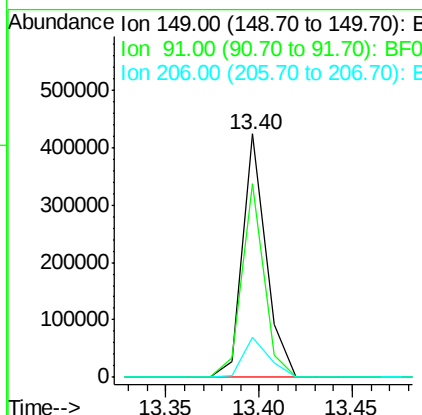
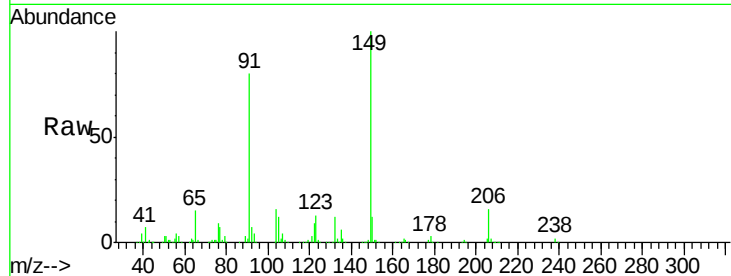
#79
Butylbenzylphthalate
Concen: 36.67 ng
RT: 13.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	79.7	45.8	68.8#
206	16.3	17.8	26.8#

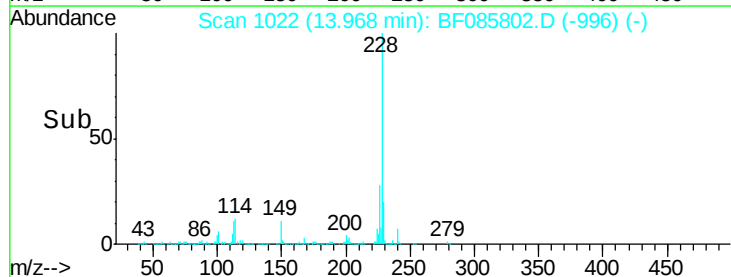
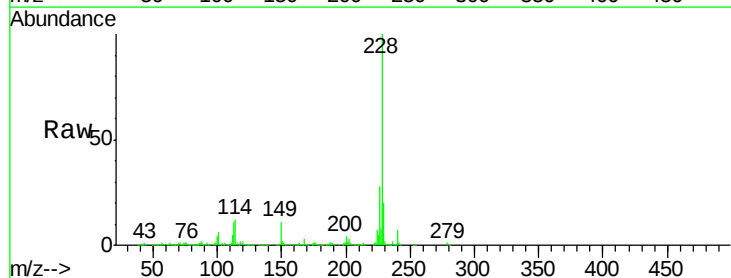
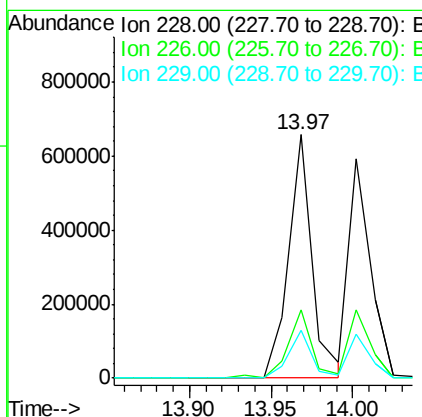
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#80
Benzo(a)anthracene
Concen: 39.46 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085802.D
Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.0	22.1	33.1
229	19.9	16.2	24.4





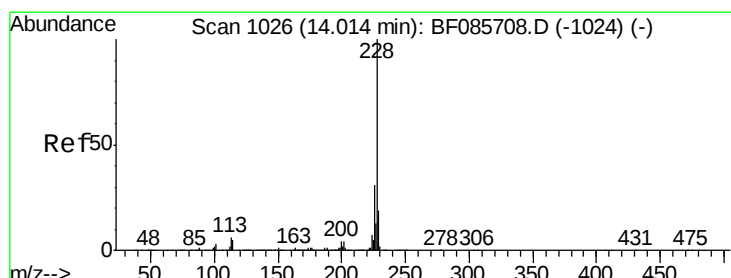
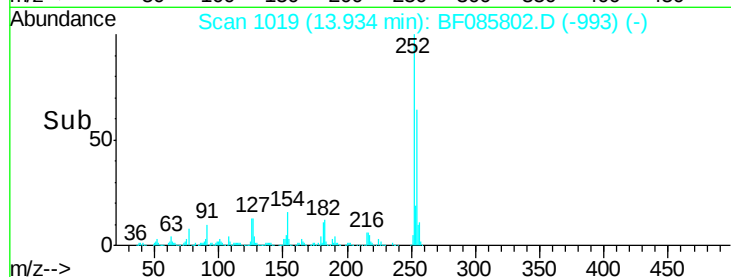
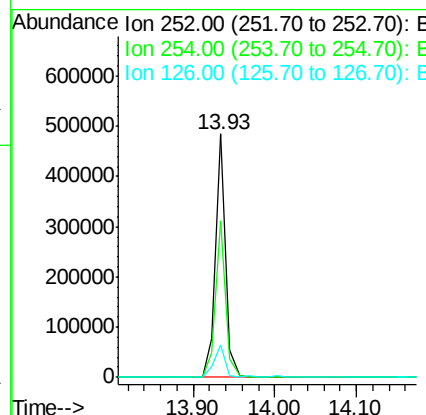
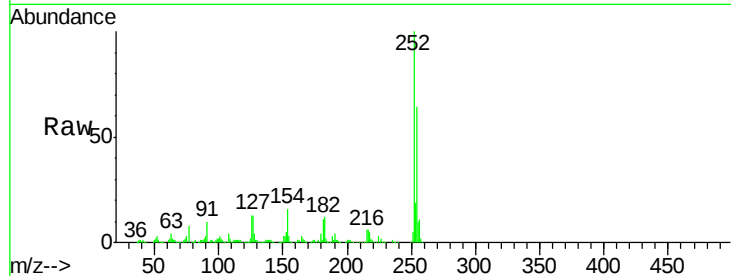
#81
 3,3'-Dichlorobenzidine
 Concen: 36.71 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	429437		
254	64.1	50.7	76.1	
126	13.5	11.8	17.6	

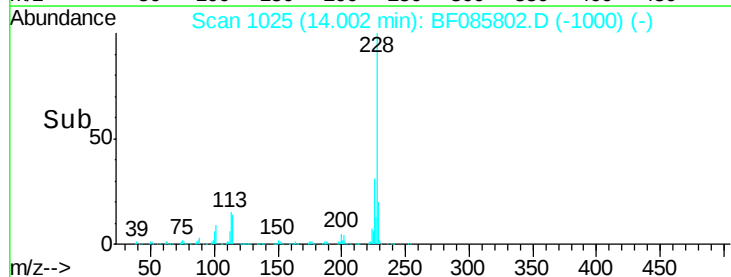
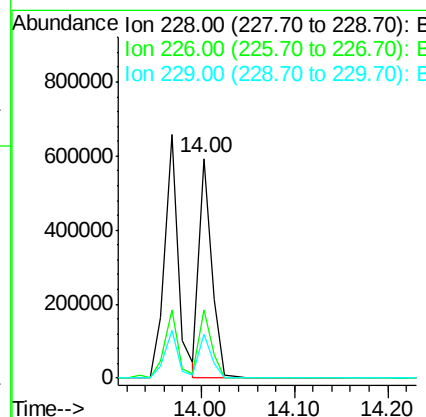
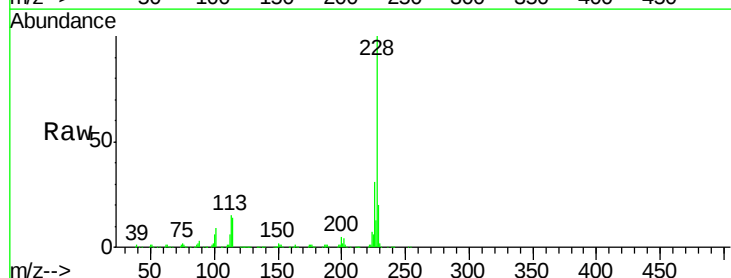
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#82
 Chrysene
 Concen: 33.18 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	563438		
226	31.0	25.0	37.6	
229	20.1	15.7	23.5	





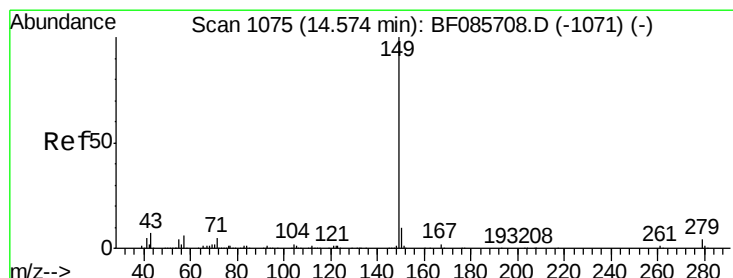
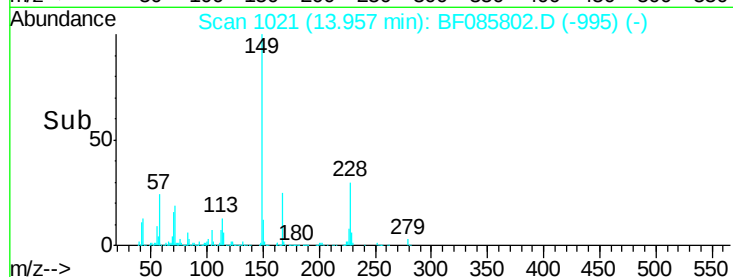
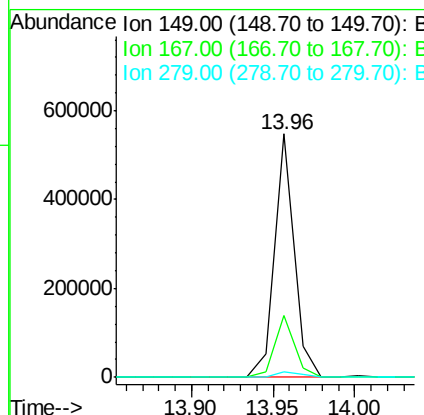
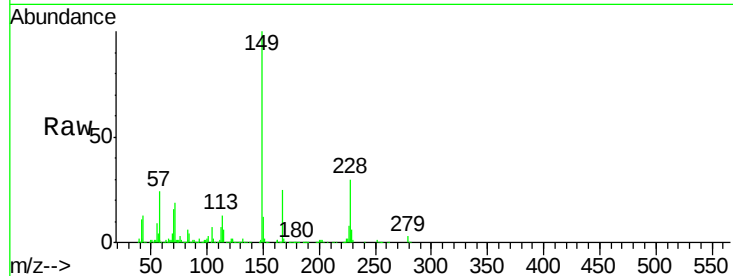
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.15 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.4	19.4	29.2
279	2.5	1.5	2.3

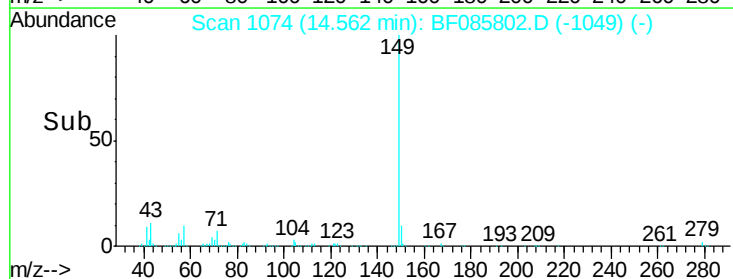
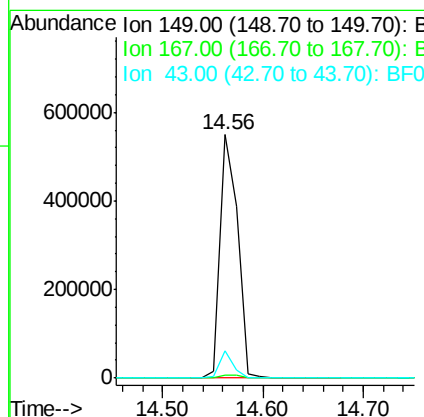
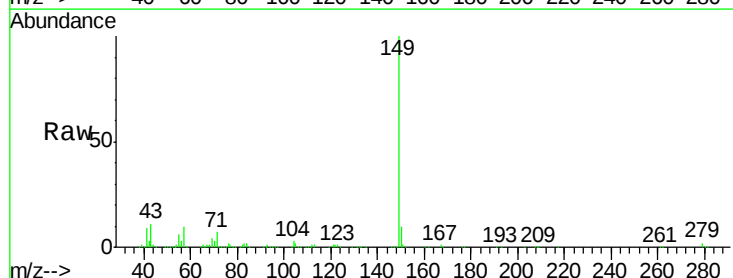
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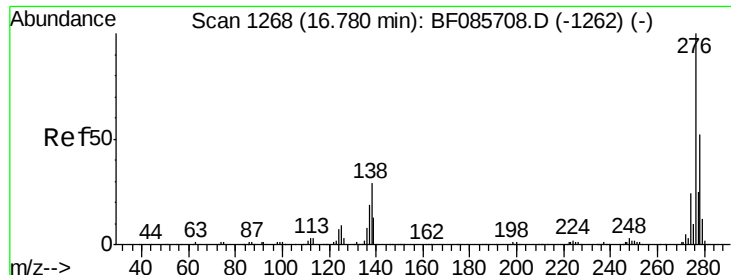
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#84
 Di-n-octyl phthalate
 Concen: 36.64 ng
 RT: 14.56 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	8.7	7.1	10.7





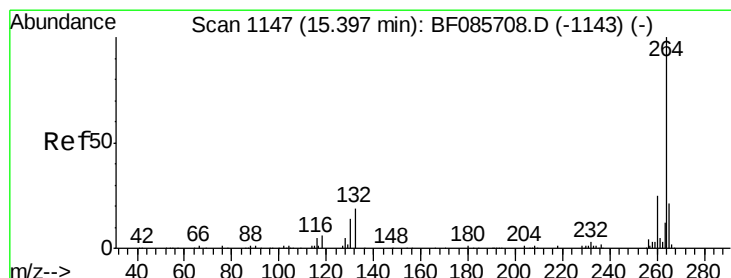
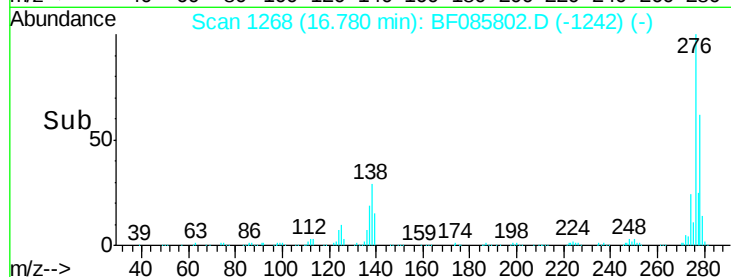
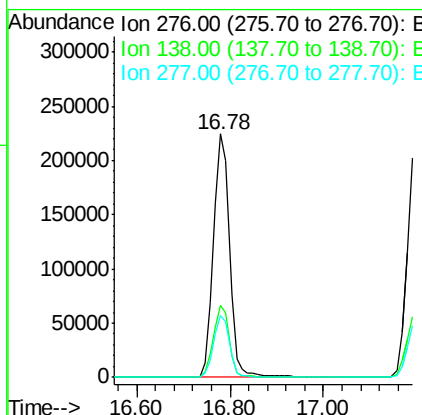
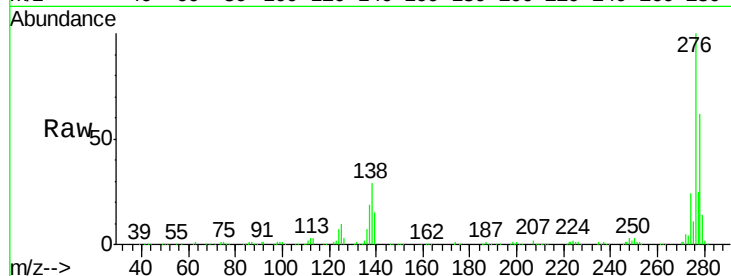
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.47 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

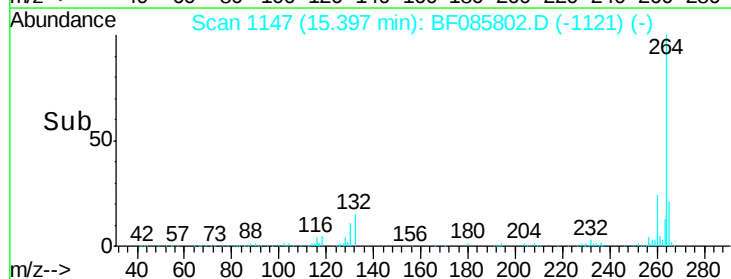
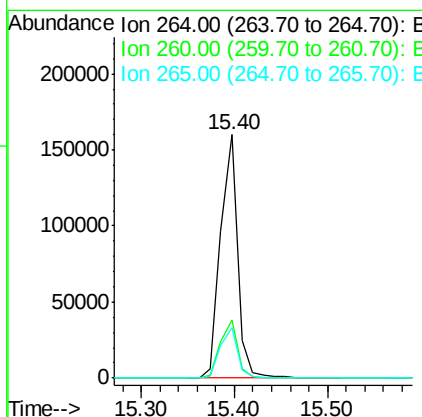
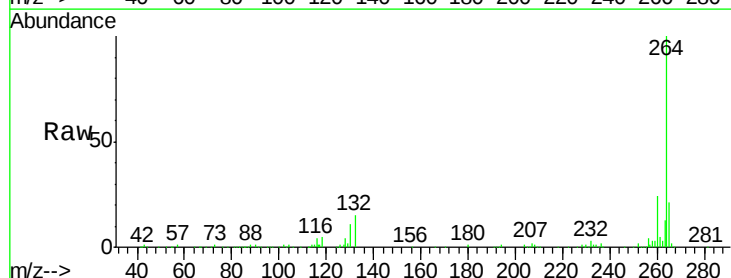
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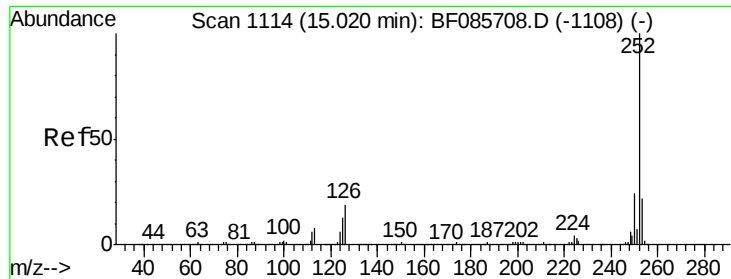
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.11 ng m

RT: 15.00 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF085802.D

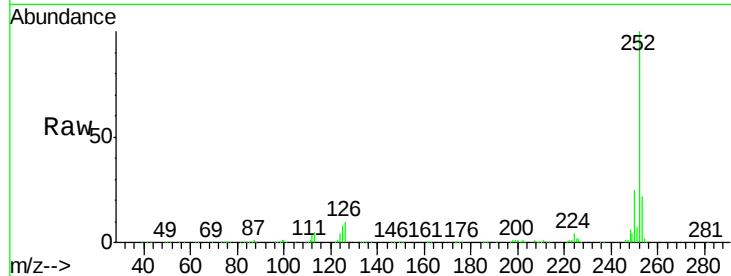
Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:252 Resp: 575767

Ion Ratio Lower Upper

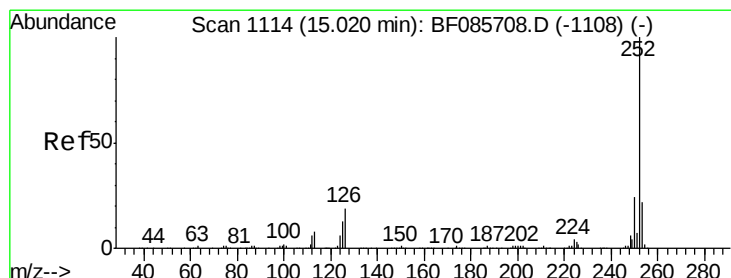
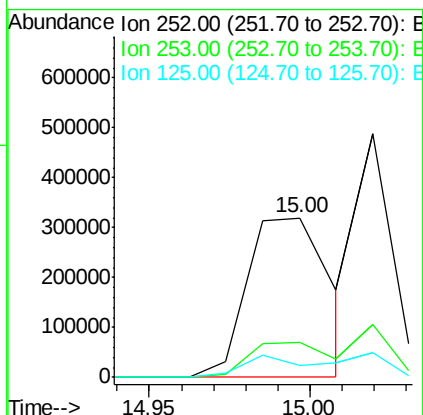
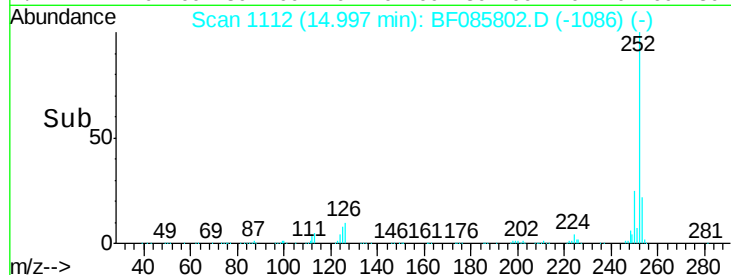
252 100

253 22.3 17.6 26.4

125 7.5 10.3 15.5#

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#88

Benzo(k)fluoranthene

Concen: 34.66 ng m

RT: 15.02 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

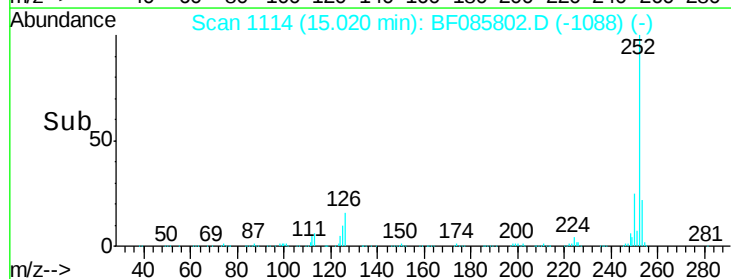
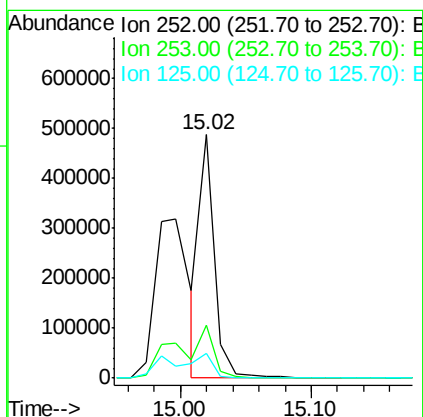
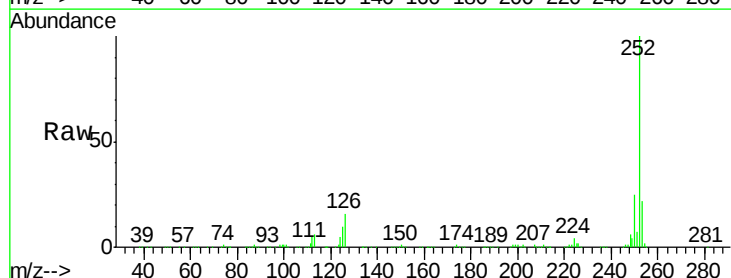
Tgt Ion:252 Resp: 398771

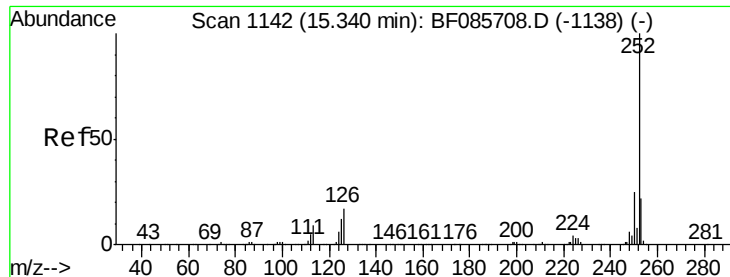
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.4 7.7 11.5





#89

Benzo(a)pyrene

Concen: 40.73 ng

RT: 15.34 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Instrument :

BNA_F

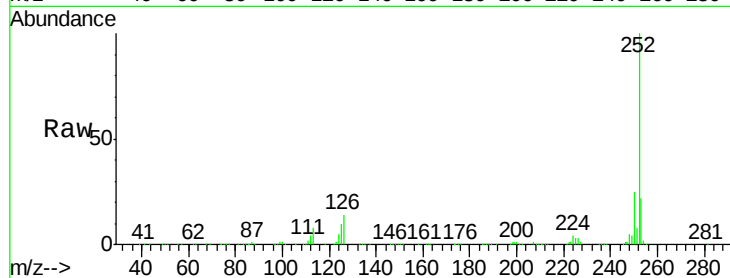
ClientSampleId :

SSTDCCC040

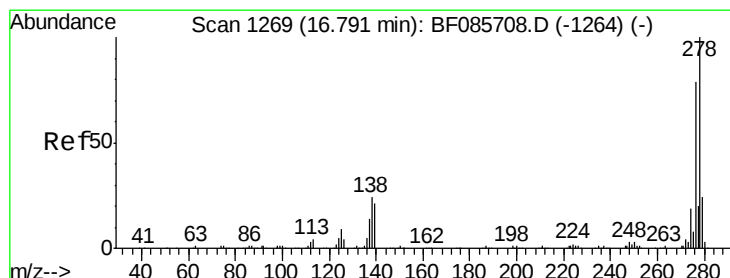
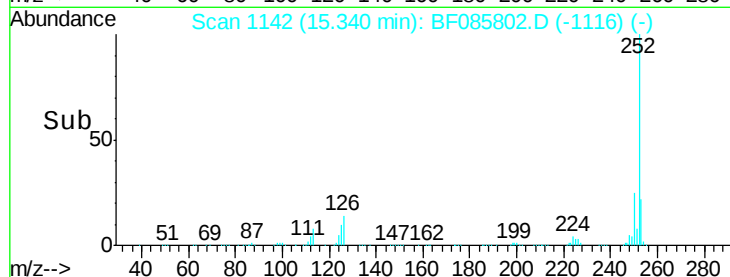
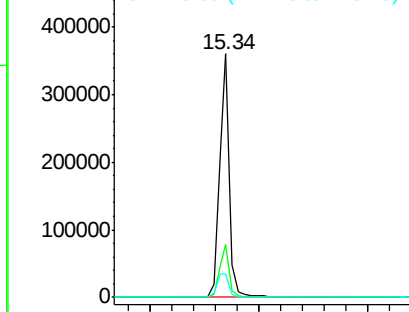
Tgt	Ion	Ratio	Lower	Upper
252	100			
253	21.7	17.4	26.0	
125	9.6	10.3	15.5	

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



#90

Dibenzo(a,h)anthracene

Concen: 43.18 ng

RT: 16.79 min Scan# 1269

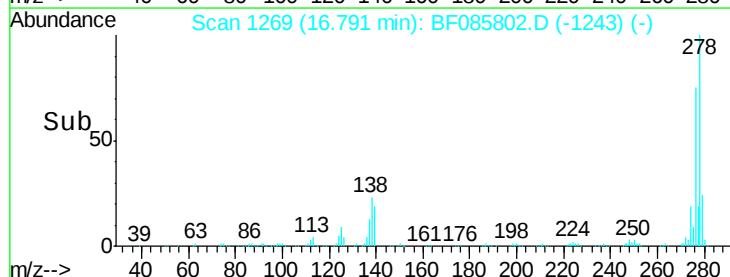
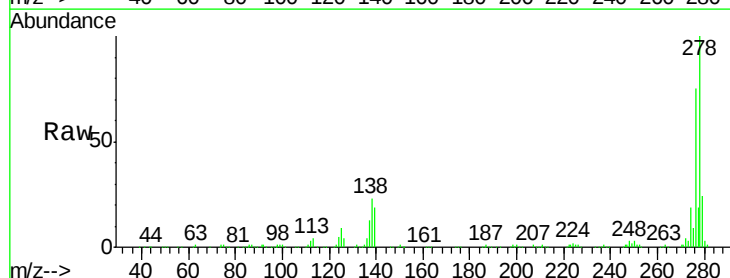
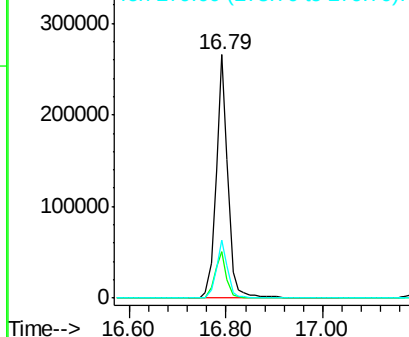
Delta R.T. -0.00 min

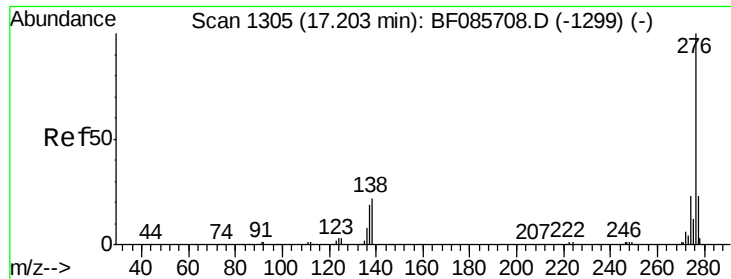
Lab File: BF085802.D

Acq: 28 Mar 2016 15:31

Tgt	Ion	Ratio	Lower	Upper
278	100			
139	19.3	14.4	21.6	
279	24.1	19.1	28.7	

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





#91
 Benzo(g,h,i)perylene
 Concen: 43.78 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085802.D
 Acq: 28 Mar 2016 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	466829		
277	23.5		18.8	28.2
138	22.4		22.6	34.0

Manual Integrations
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