

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085732.D
 Acq On : 24 Mar 2016 23:59
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 3/25/2016 3:04:35 PM

Quant Time: Mar 25 02:25:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	104623	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	430330	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	204718	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	390998	20.00	ng	0.00
75) Chrysene-d12	13.98	240	256835	20.00	ng	0.00
86) Perylene-d12	15.40	264	191154	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	530277	84.41	ng	0.01
7) Phenol-d6	6.46	99	639624	80.08	ng	0.00
23) Nitrobenzene-d5	7.40	82	612828	80.20	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	158795	81.64	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1016298	82.94	ng	0.00
78) Terphenyl-d14	12.93	244	937921	75.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	125050	41.69	ng	99
3) Pyridine	3.11	79	271695	37.78	ng	99
4) n-Nitrosodimethylamine	3.05	42	117071	40.66	ng	98
6) Aniline	6.49	93	428385	39.84	ng	93
8) 2-Chlorophenol	6.61	128	307895	42.18	ng	96
9) Benzaldehyde	6.37	77	191216	39.73	ng	95
10) Phenol	6.48	94	351484	38.84	ng	# 64
11) bis(2-Chloroethyl)ether	6.56	93	274305	39.39	ng	96
12) 1,3-Dichlorobenzene	6.77	146	329021	41.86	ng	98
13) 1,4-Dichlorobenzene	6.85	146	318207m	39.92	ng	
14) 1,2-Dichlorobenzene	7.00	146	311592	41.94	ng	99
15) Benzyl Alcohol	6.97	79	223395	41.92	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	378014	40.91	ng	96
17) 2-Methylphenol	7.09	107	240911	41.23	ng	99
18) Hexachloroethane	7.34	117	120898	41.42	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	201744	42.18	ng	95
20) 3+4-Methylphenols	7.25	107	294527	41.92	ng	# 86
22) Acetophenone	7.24	105	399792	39.88	ng	100
24) Nitrobenzene	7.41	77	305418	38.77	ng	94
25) Isophorone	7.66	82	592050	40.22	ng	# 93
26) 2-Nitrophenol	7.73	139	157906	40.07	ng	# 89
27) 2,4-Dimethylphenol	7.77	122	296373	43.02	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	343746	40.98	ng	99
29) 2,4-Dichlorophenol	7.98	162	224620	38.79	ng	92
30) 1,2,4-Trichlorobenzene	8.06	180	257722	40.09	ng	93
31) Naphthalene	8.14	128	843530	38.90	ng	98
32) Benzoic acid	7.90	122	216314m	47.28	ng	
33) 4-Chloroaniline	8.18	127	344237	38.88	ng	# 94
34) Hexachlorobutadiene	8.25	225	140499	40.21	ng	99
35) Caprolactam	8.57	113	88180	42.99	ng	# 80
36) 4-Chloro-3-methylphenol	8.68	107	269350	39.82	ng	# 86
37) 2-Methylnaphthalene	8.82	142	544958	42.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	251401	41.41	ng	99
40) Hexachlorocyclopentadiene	8.97	237	78530	36.66	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	169152	41.25	ng	97
43) 2,4,5-Trichlorophenol	9.14	196	170495	39.65	ng #	86
45) 1,1'-Biphenyl	9.29	154	725251	41.98	ng	95
46) 2-Chloronaphthalene	9.32	162	530918	41.80	ng	97
47) 2-Nitroaniline	9.41	65	148525	38.24	ng #	84
48) Acenaphthylene	9.73	152	845436	40.85	ng	100
49) Dimethylphthalate	9.59	163	584765	37.65	ng	100
50) 2,6-Dinitrotoluene	9.66	165	147872	44.23	ng #	67
51) Acenaphthene	9.90	154	488079	38.61	ng	100
52) 3-Nitroaniline	9.82	138	148851	38.90	ng	89
53) 2,4-Dinitrophenol	9.93	184	56485	36.96	ng #	80
54) Dibenzofuran	10.07	168	678626	41.47	ng	98
55) 4-Nitrophenol	9.99	139	100224	40.20	ng	95
56) 2,4-Dinitrotoluene	10.06	165	177714	41.82	ng #	67
57) Fluorene	10.41	166	569927	41.90	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	120834	40.43	ng	97
59) Diethylphthalate	10.29	149	597646	38.95	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	238531	35.87	ng	93
61) 4-Nitroaniline	10.44	138	144318	39.43	ng	91
62) Azobenzene	10.56	77	593361	40.24	ng	97
64) 4,6-Dinitro-2-methylphenol	10.47	198	95457	41.69	ng #	61
65) n-Nitrosodiphenylamine	10.53	169	513055	41.43	ng	98
66) 4-Bromophenyl-phenylether	10.89	248	164126	41.03	ng	97
67) Hexachlorobenzene	10.96	284	174763	41.78	ng	96
68) Atrazine	11.05	200	158918	38.01	ng	98
69) Pentachlorophenol	11.16	266	84878	41.33	ng	99
70) Phenanthrene	11.37	178	862206	42.95	ng	100
71) Anthracene	11.42	178	825052	39.15	ng	99
72) Carbazole	11.58	167	717506	40.55	ng	100
73) Di-n-butylphthalate	11.91	149	974122	40.12	ng	100
74) Fluoranthene	12.56	202	827443	38.78	ng	88
76) Benzidine	12.68	184	355752	39.33	ng	99
77) Pyrene	12.78	202	820035	38.84	ng	99
79) Butylbenzylphthalate	13.41	149	363706	41.14	ng	97
80) Benzo(a)anthracene	13.97	228	568633	38.83	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	366982	36.11	ng	98
82) Chrysene	14.00	228	553128	37.50	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	421136	39.78	ng	99
84) Di-n-octyl phthalate	14.57	149	647614	41.14	ng	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	499616	43.86	ng	99
87) Benzo(b)fluoranthene	15.00	252	522692m	43.41	ng	
88) Benzo(k)fluoranthene	15.02	252	404001m	37.21	ng	
89) Benzo(a)pyrene	15.34	252	432375	40.44	ng	99
90) Dibenzo(a,h)anthracene	16.79	278	420840	42.36	ng	99
91) Benzo(g,h,i)perylene	17.20	276	425009	42.25	ng #	93

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

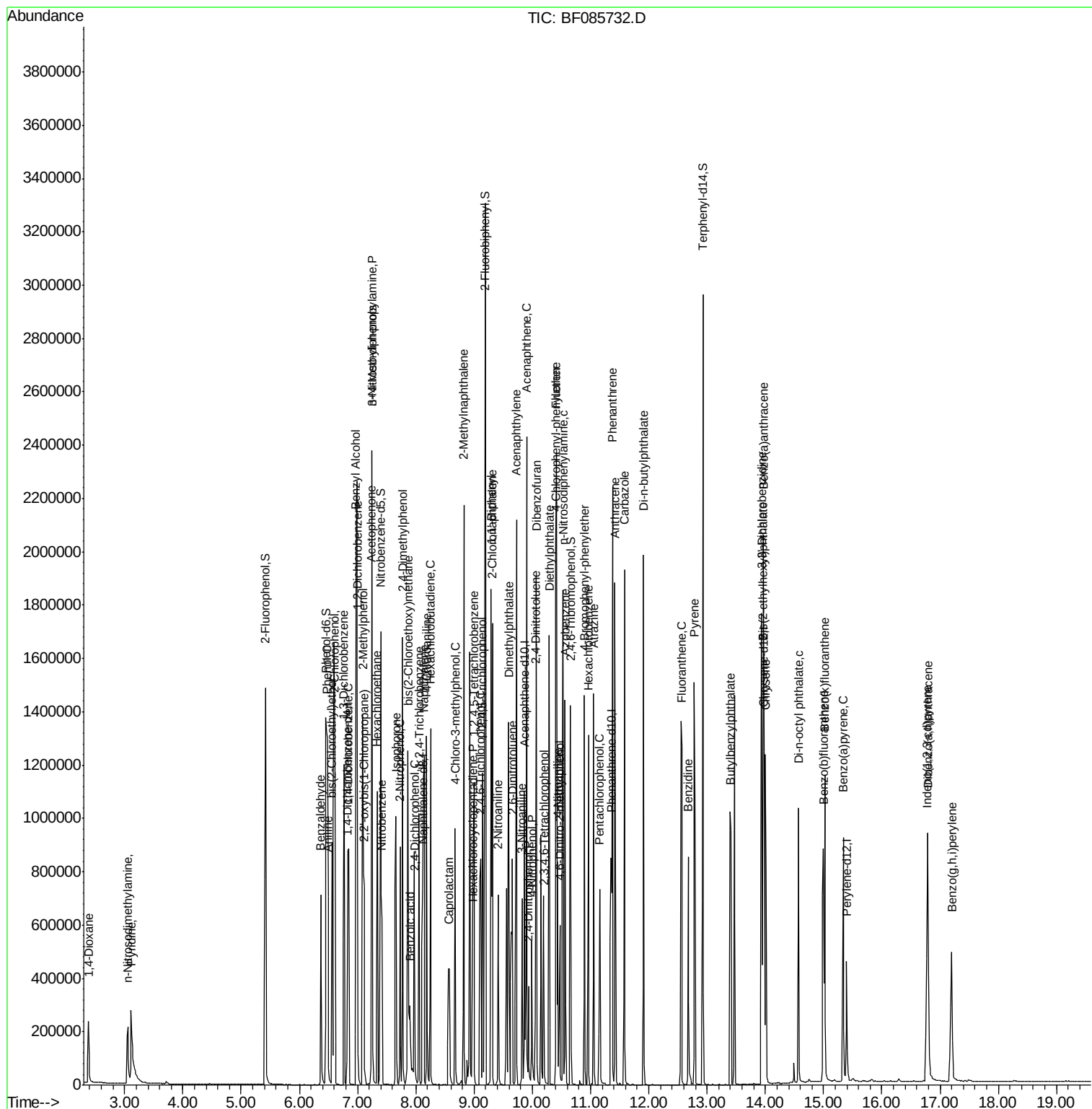
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Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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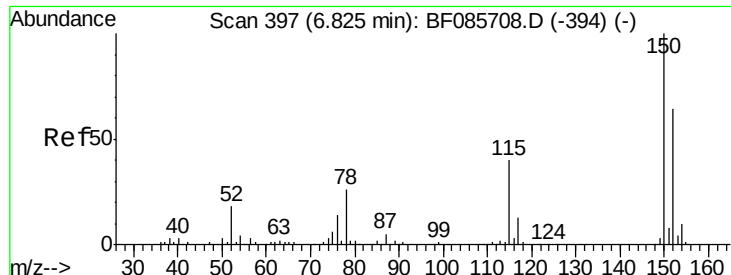
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

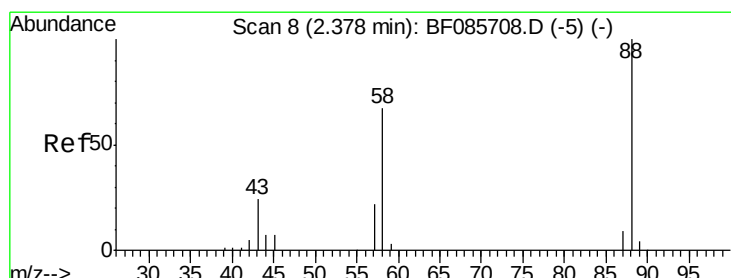
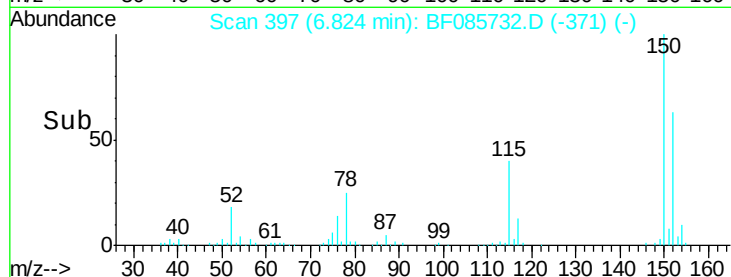
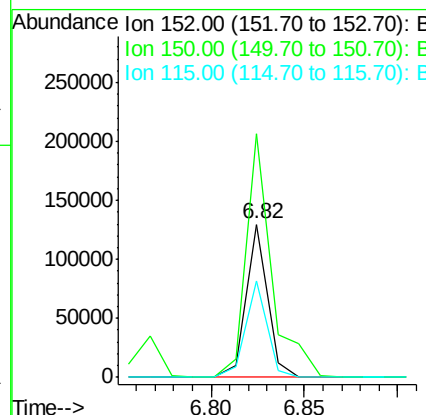
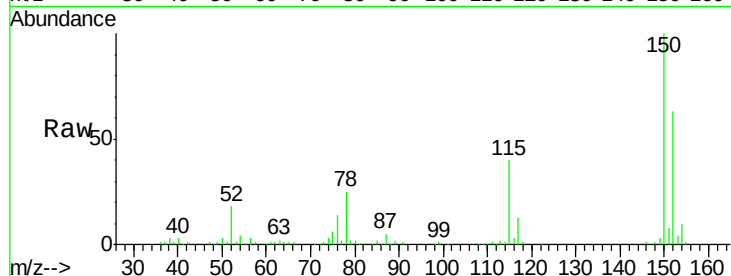
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	152	Resp:	104623
Ion Ratio	Lower	Upper	
152	100		
150	158.8	124.2	186.2
115	63.3	47.0	70.6

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#2

1,4-Dioxane

Concen: 41.69 ng

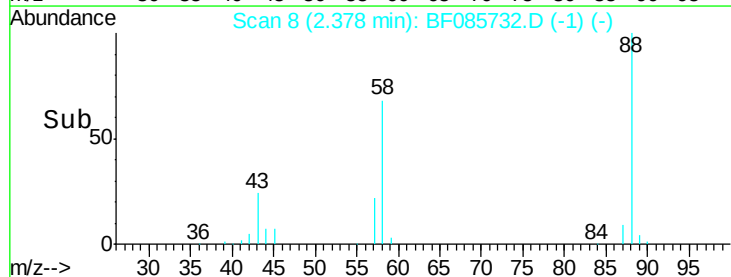
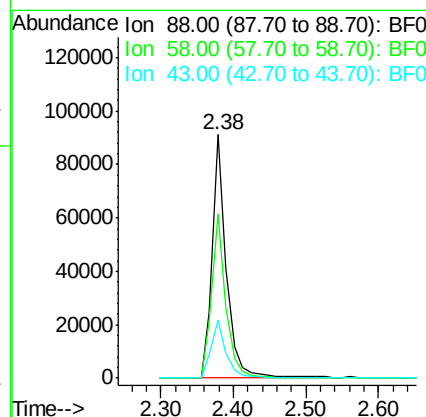
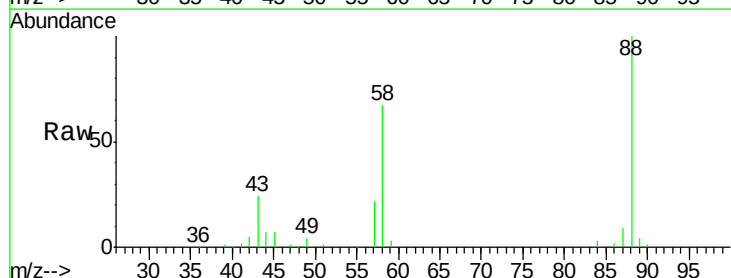
RT: 2.38 min Scan# 8

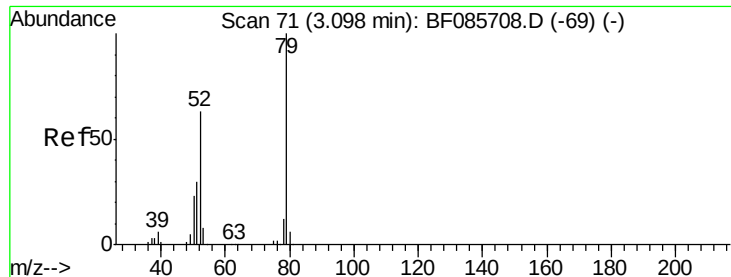
Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion:	88	Resp:	125050
Ion Ratio	Lower	Upper	
88	100		
58	67.0	54.2	81.2
43	24.9	19.3	28.9





#3

Pyridine

Concen: 37.78 ng

RT: 3.11 min Scan# 72

Delta R.T. 0.01 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

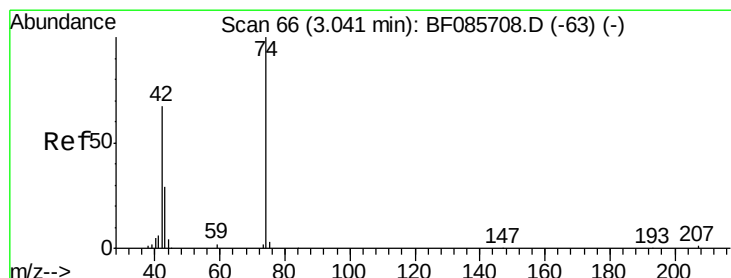
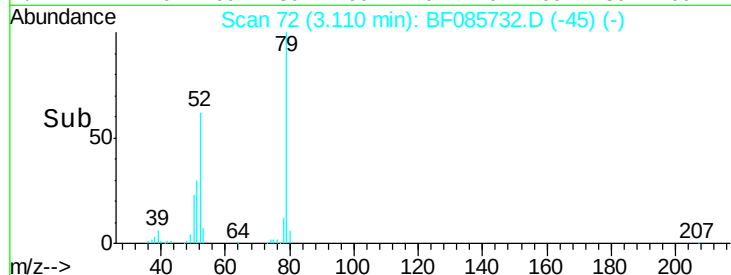
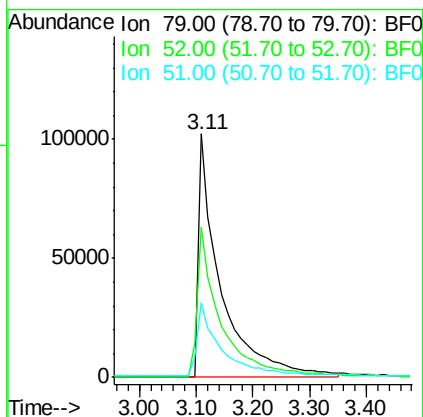
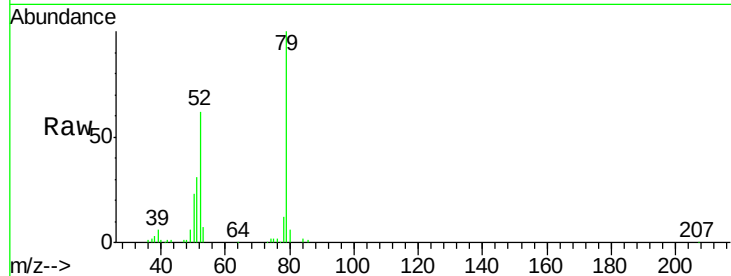
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.7	49.8	74.6
51	30.7	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 40.66 ng

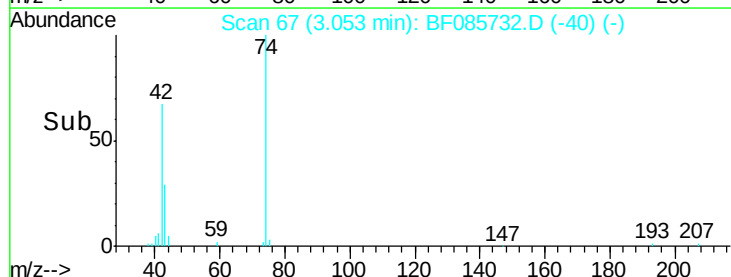
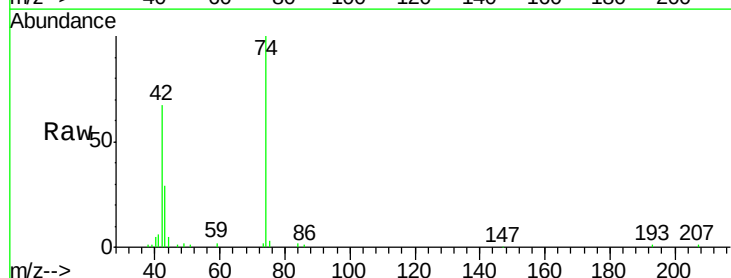
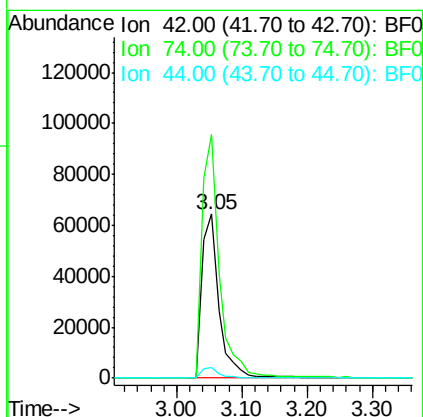
RT: 3.05 min Scan# 67

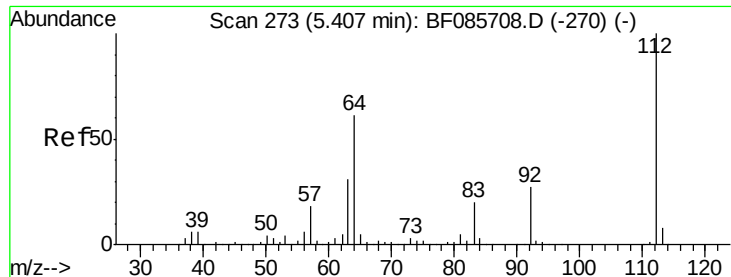
Delta R.T. 0.01 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.8	121.4	182.2
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 84.41 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

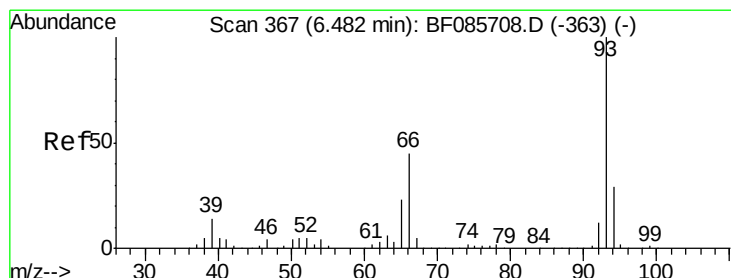
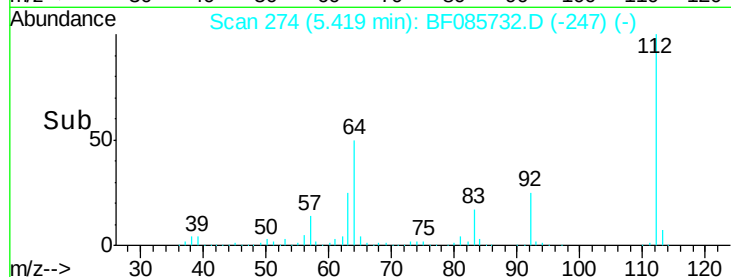
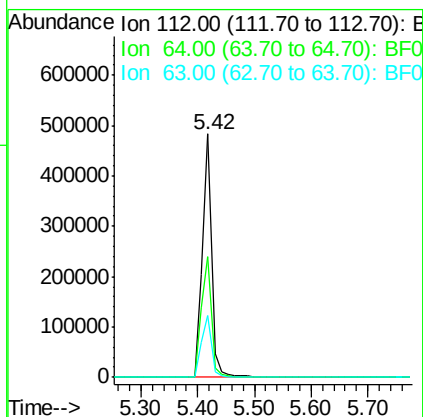
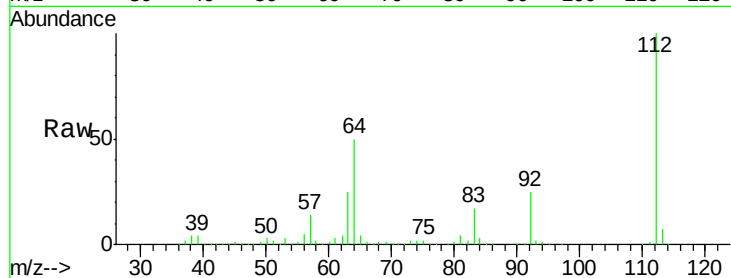
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	530277
Ion Ratio	Lower	Upper	
112	100		
64	49.5	39.9	59.9
63	25.3	20.2	30.2

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#6

Aniline

Concen: 39.84 ng

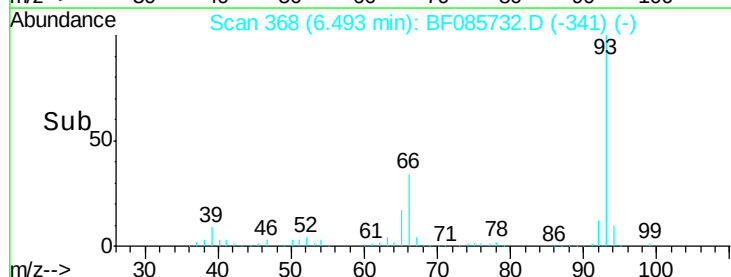
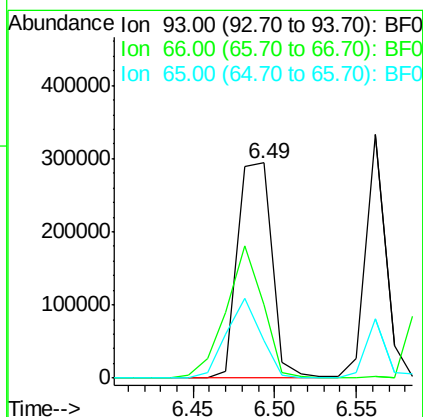
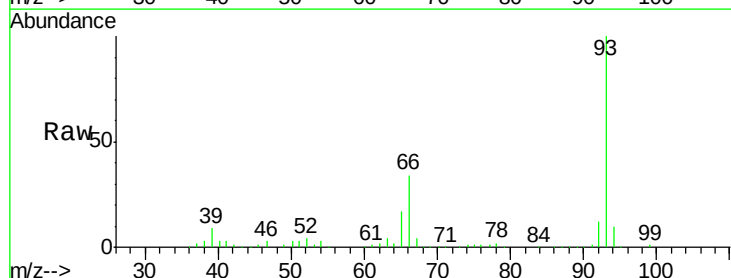
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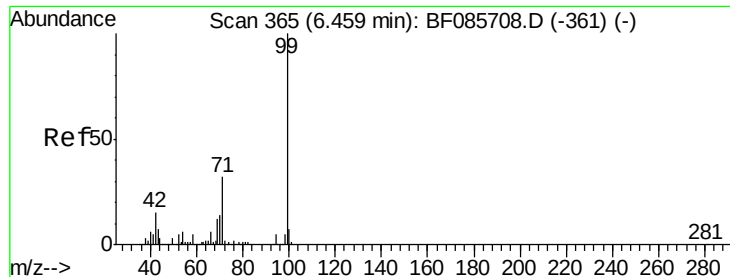
Delta R.T. 0.01 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion:	93	Resp:	428385
Ion Ratio	Lower	Upper	
93	100		
66	34.1	31.4	47.2
65	17.2	15.7	23.5





#7

Phenol-d6

Concen: 80.08 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

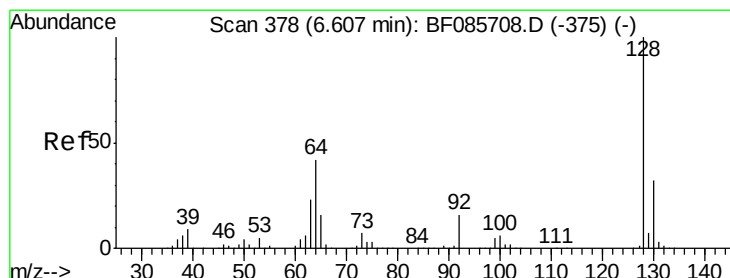
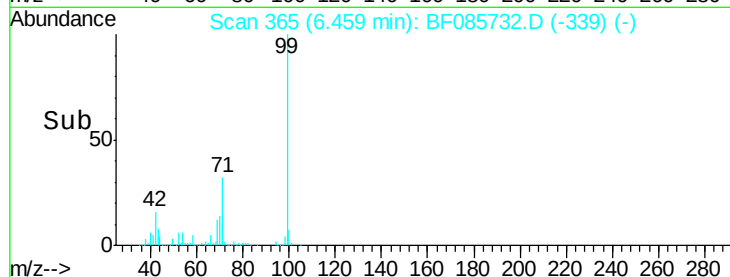
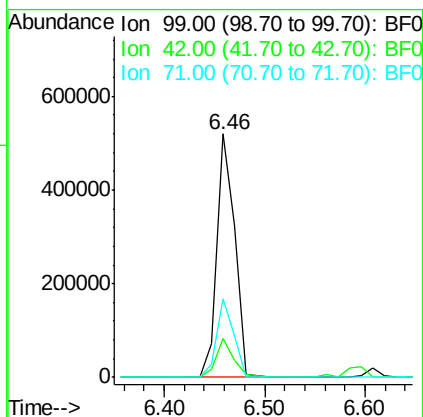
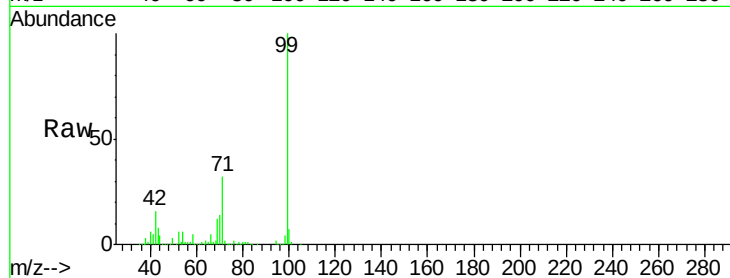
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	639624		
42	15.8	11.1	16.7	
71	32.4	24.9	37.3	

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#8

2-Chlorophenol

Concen: 42.18 ng

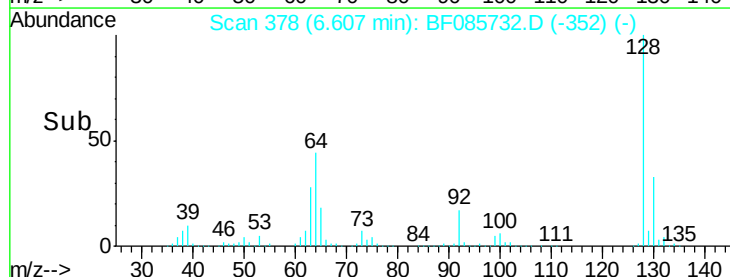
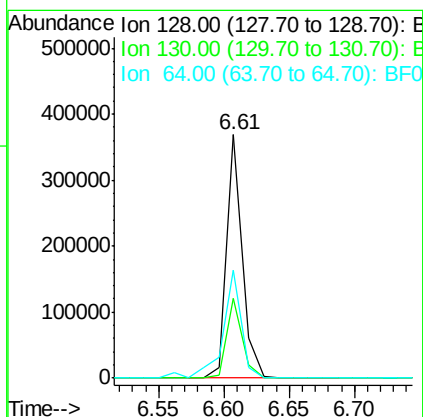
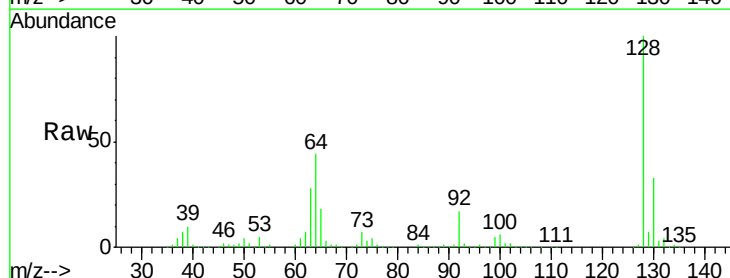
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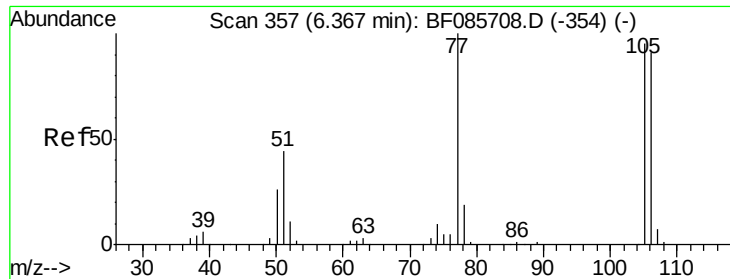
Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	307895		
130	32.5	12.9	52.9	
64	44.3	20.2	60.2	





#9

Benzaldehyde

Concen: 39.73 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

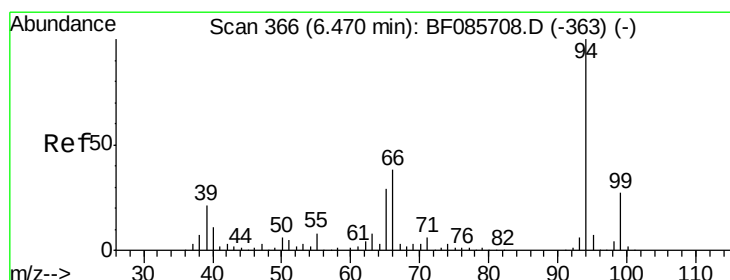
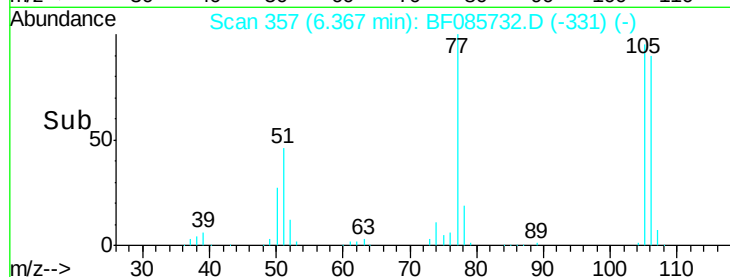
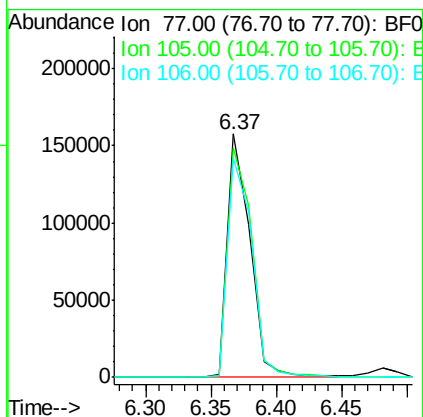
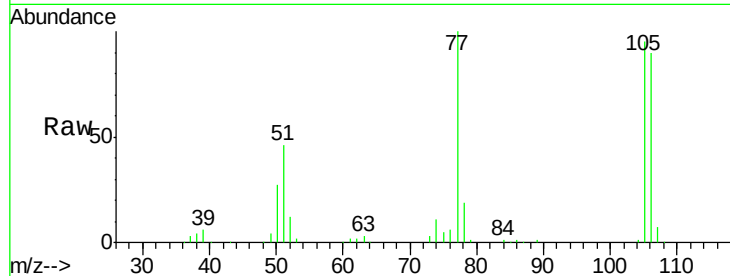
ClientSampleId :

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Tgt Ion:	77	Resp:	191216
Ion Ratio	Lower	Upper	
77	100		
105	94.5	80.1	120.1
106	89.8	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 38.84 ng

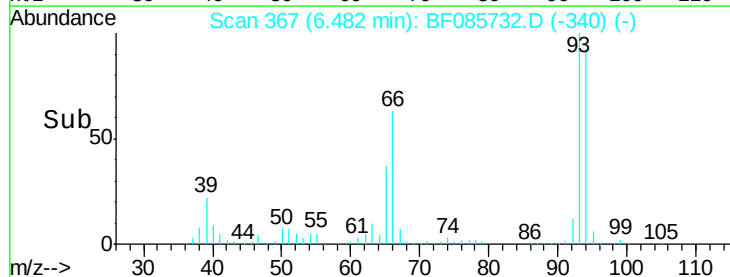
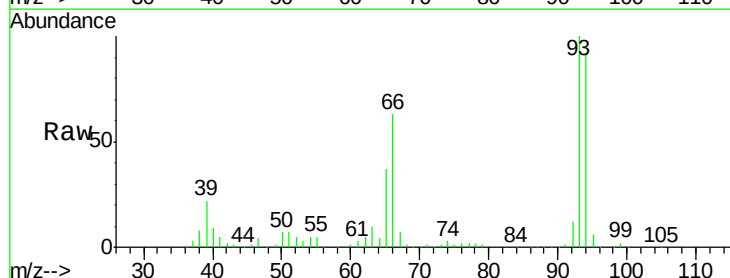
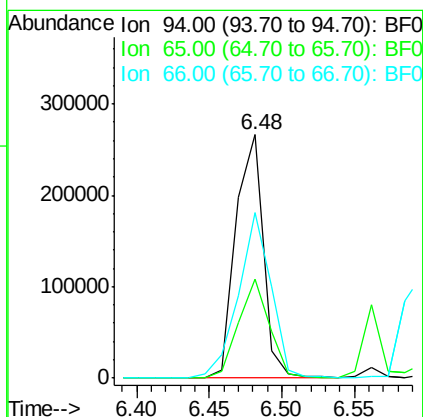
RT: 6.48 min Scan# 367

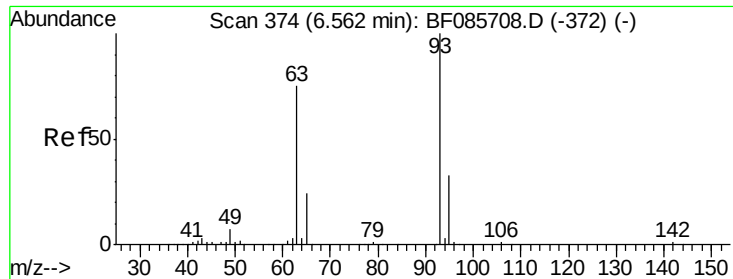
Delta R.T. 0.01 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion:	94	Resp:	351484
Ion Ratio	Lower	Upper	
94	100		
65	40.7	8.6	48.6
66	68.2	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 39.39 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

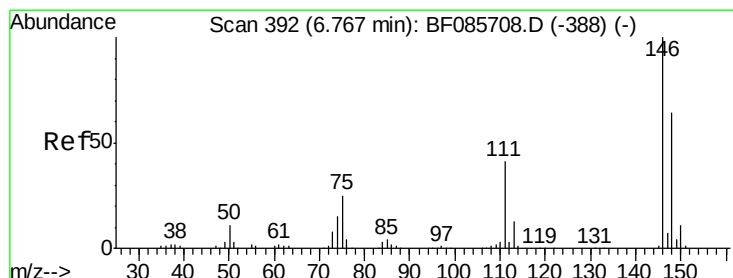
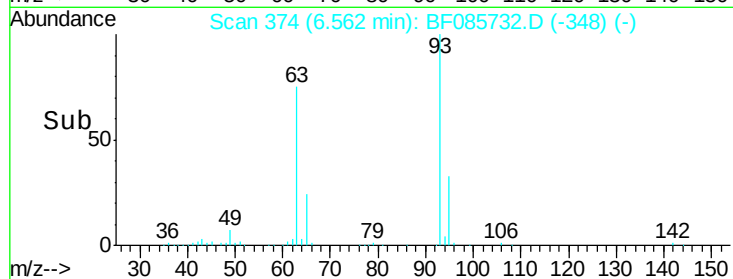
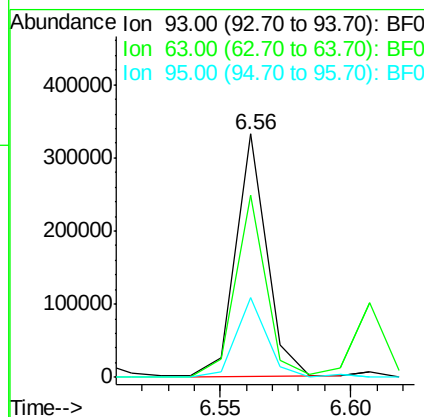
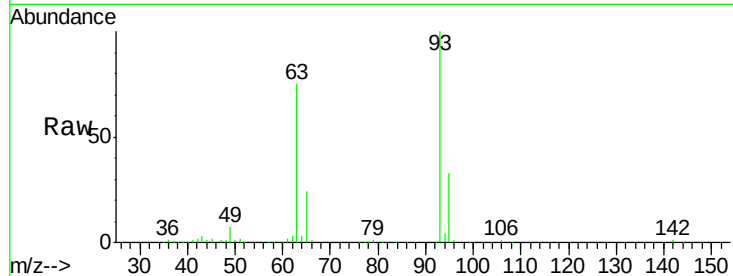
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	93	Resp:	274305
Ion Ratio	Lower	Upper	
93	100		
63	74.9	50.9	90.9
95	32.8	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 41.86 ng

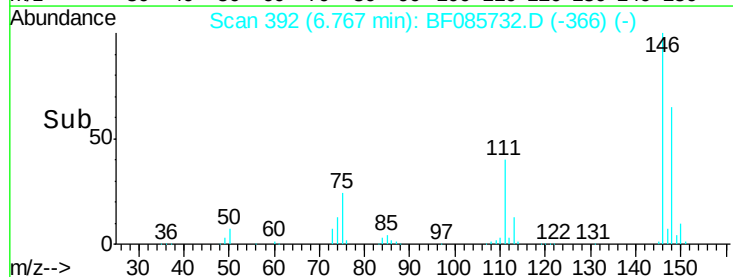
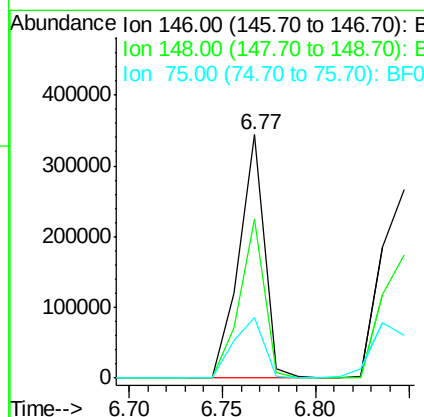
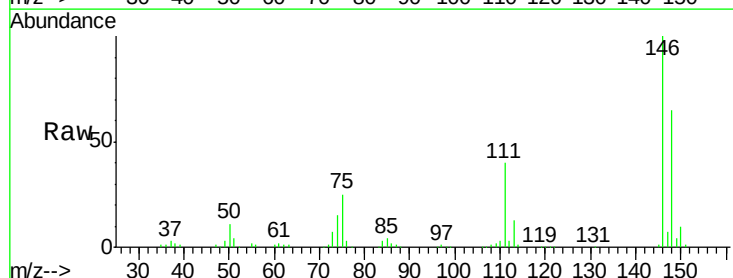
RT: 6.77 min Scan# 392

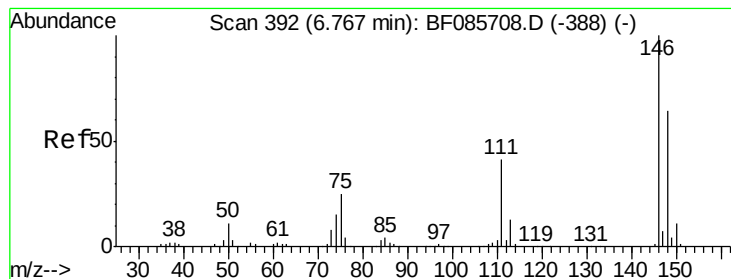
Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion:	146	Resp:	329021
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.3	78.5
75	25.0	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 39.92 ng m

RT: 6.85 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF085732.D

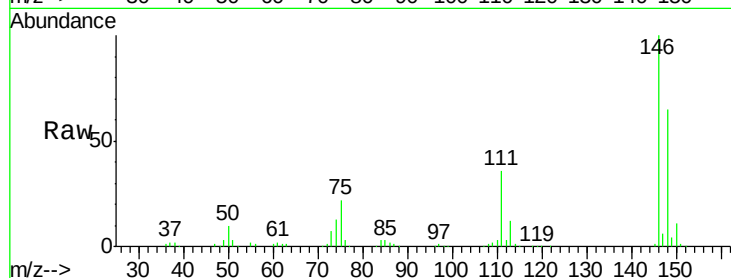
Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:146 Resp: 318207

Ion Ratio Lower Upper

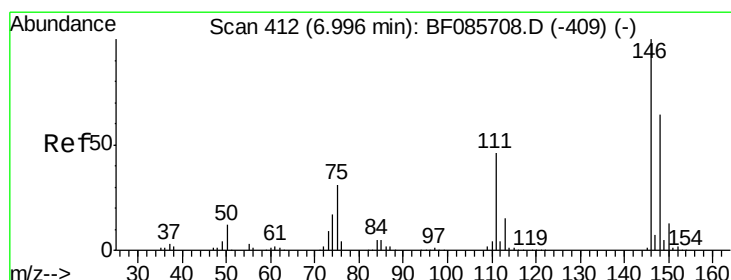
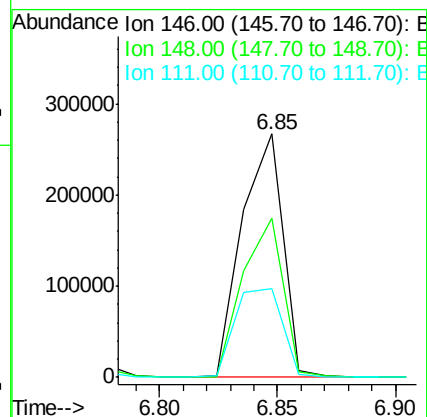
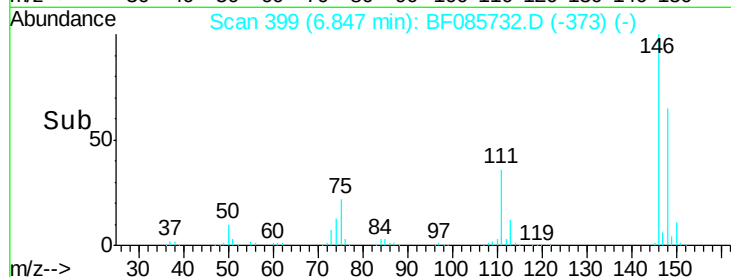
146 100

148 65.4 50.6 76.0

111 36.3 37.8 56.6#

Manual Integrations
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3/25/2016 3:04:35 PM



#14

1,2-Dichlorobenzene

Concen: 41.94 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

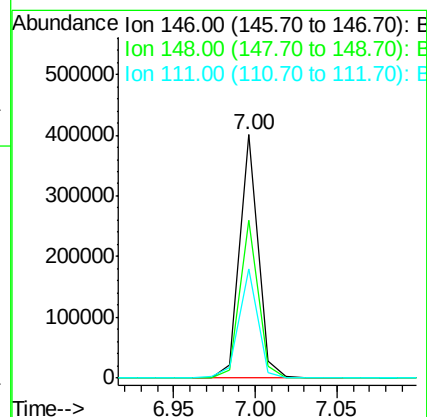
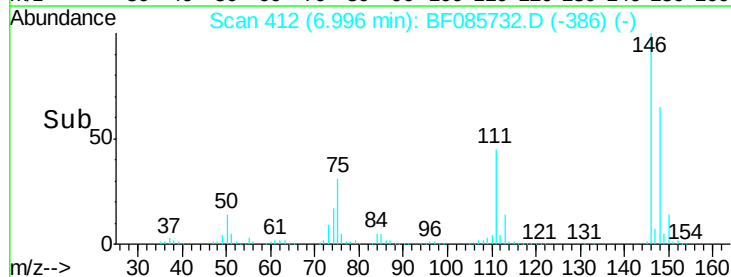
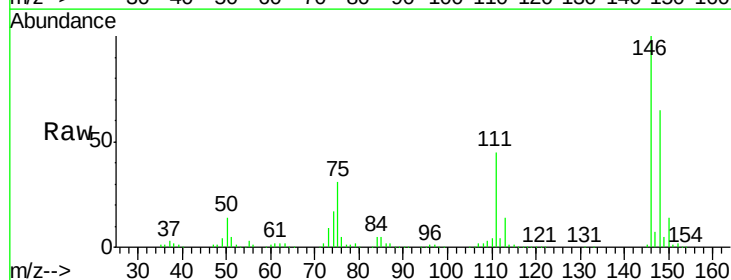
Tgt Ion:146 Resp: 311592

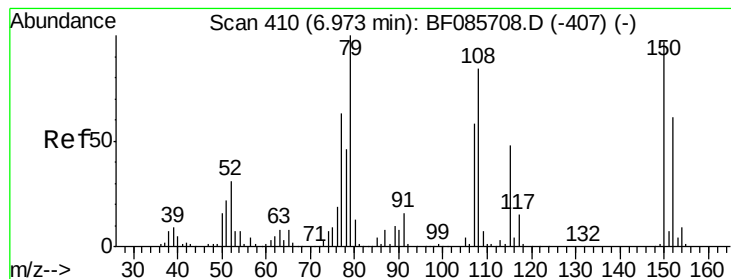
Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

111 44.9 34.6 52.0





#15

Benzyl Alcohol

Concen: 41.92 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

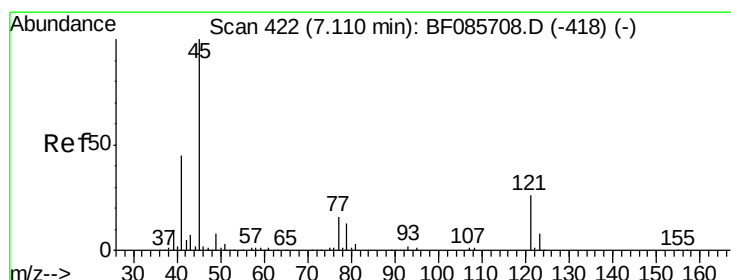
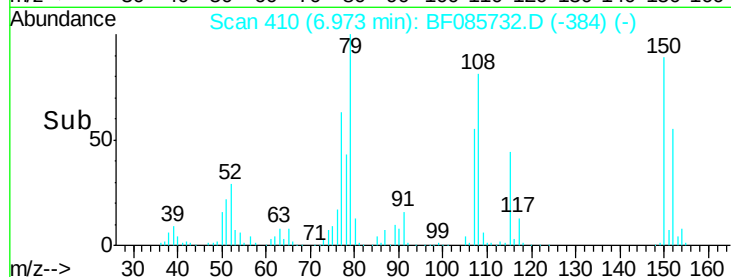
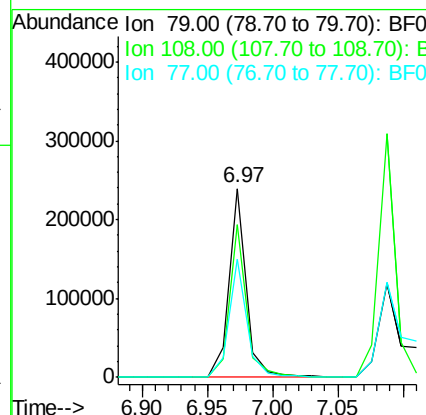
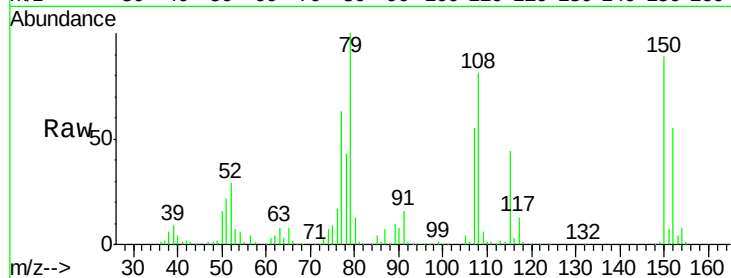
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	223395
Ion Ratio	Lower	Upper	
79	100		
108	80.9	61.8	92.6
77	62.7	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.91 ng

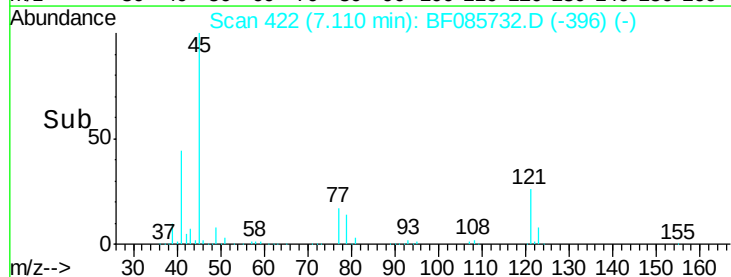
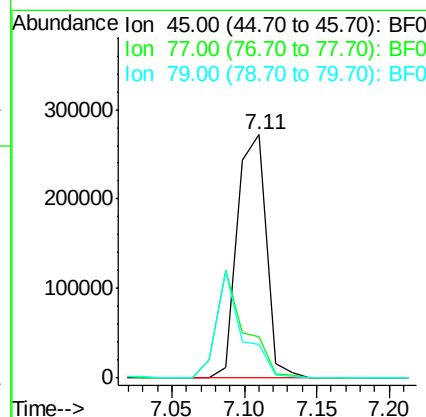
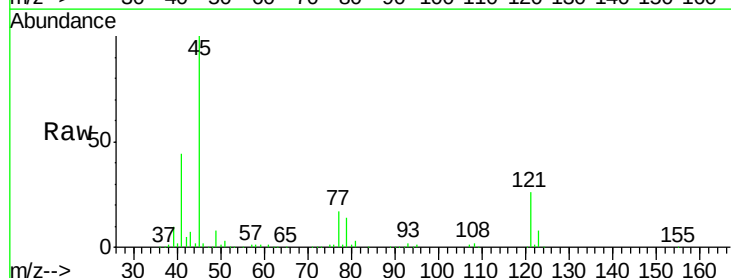
RT: 7.11 min Scan# 422

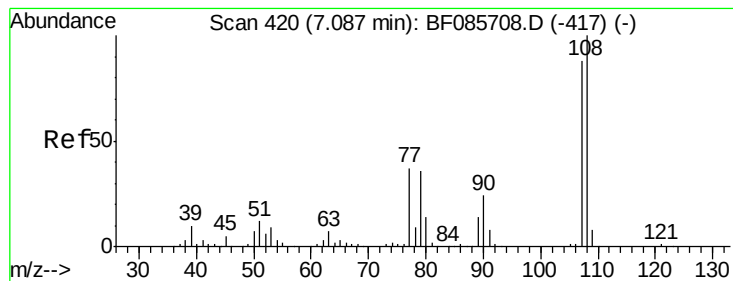
Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion:	45	Resp:	378014
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	35.7
79	14.1	0.0	32.2





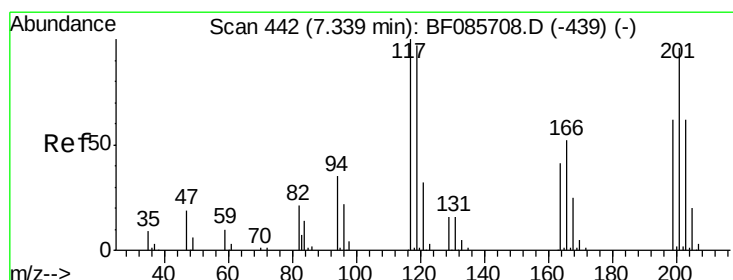
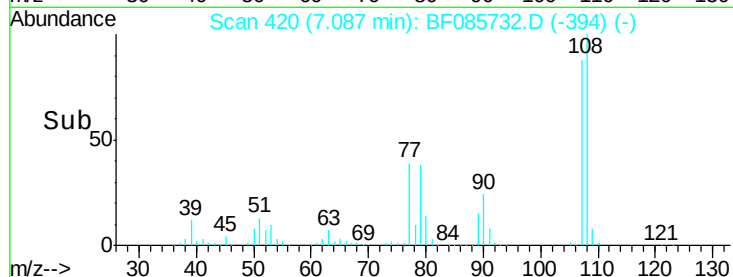
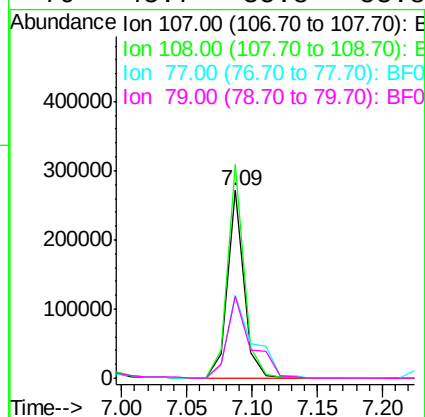
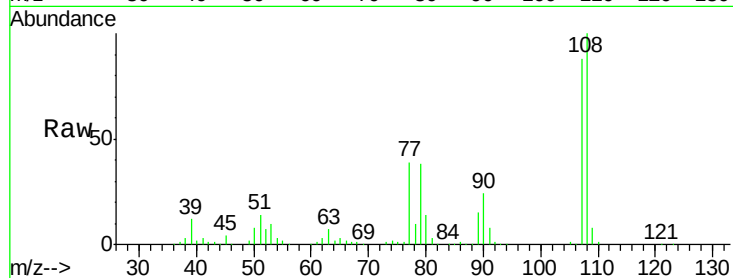
#17
 2-Methylphenol
 Concen: 41.23 ng
 RT: 7.09 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	107	Resp:	240911
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.4	137.0
77	44.3	36.2	54.2
79	43.7	35.8	53.8

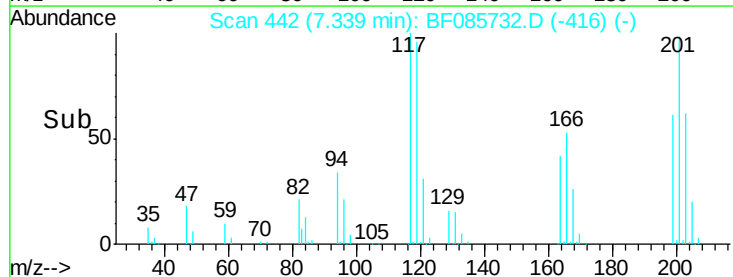
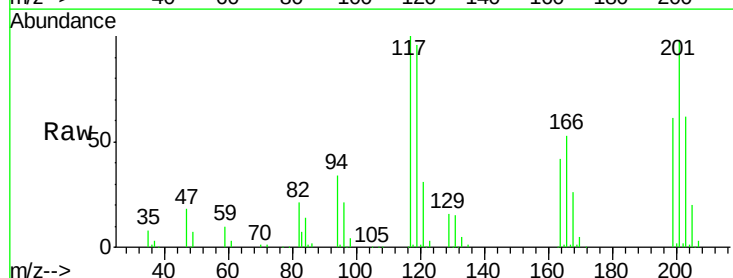
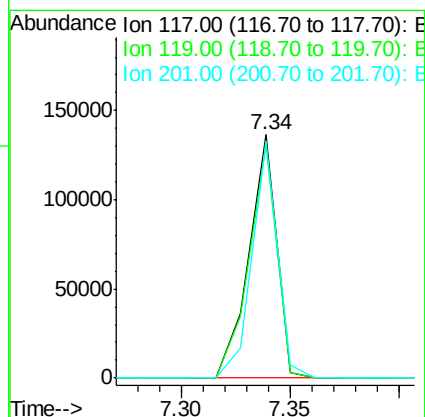
Manual Integrations
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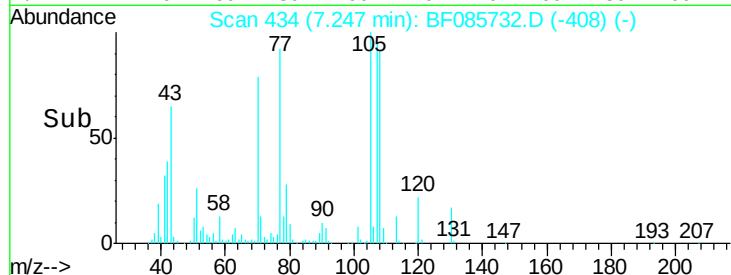
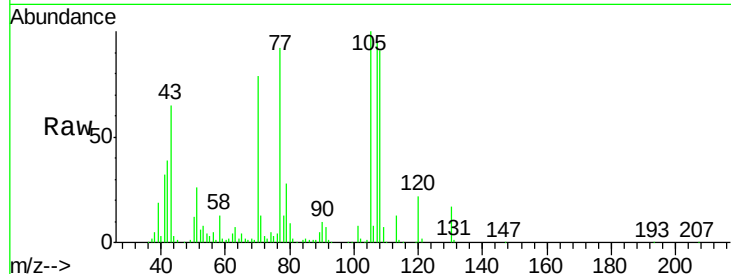
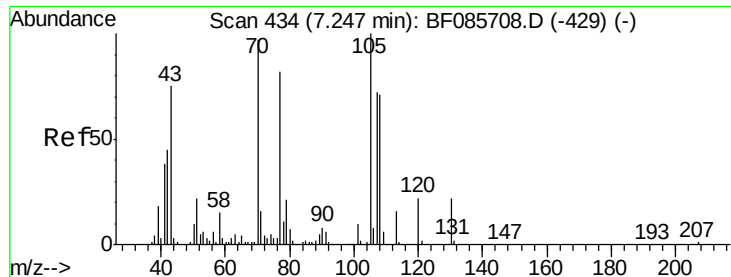
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#18
 Hexachloroethane
 Concen: 41.42 ng
 RT: 7.34 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Tgt Ion:	117	Resp:	120898
Ion Ratio	Lower	Upper	
117	100		
119	95.6	76.7	115.1
201	97.5	83.3	124.9





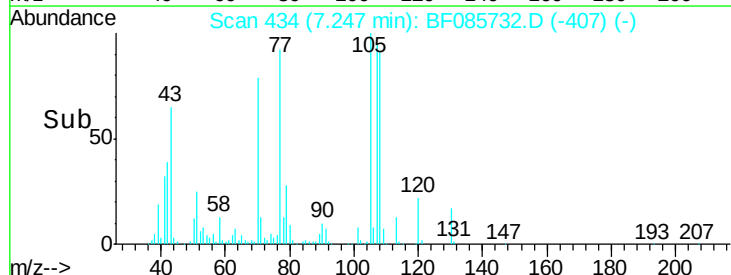
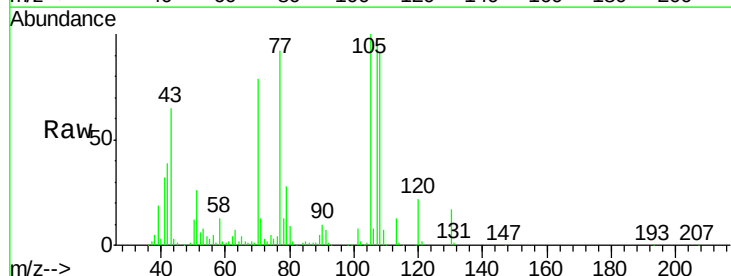
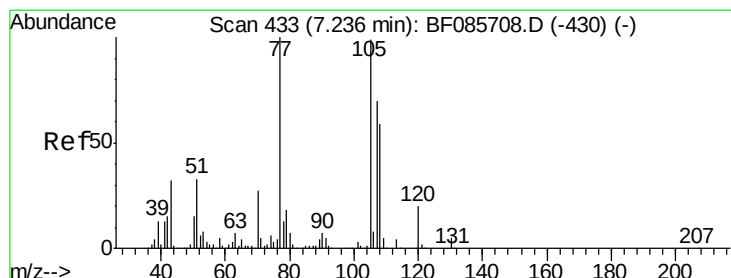
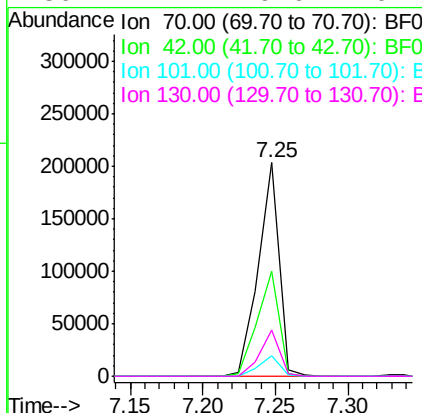
#19
n-Nitroso-di-n-propylamine
Concen: 42.18 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		201744		
42	49.4	37.1	55.7		
101	9.8	8.6	12.8		
130	21.7	19.6	29.4		

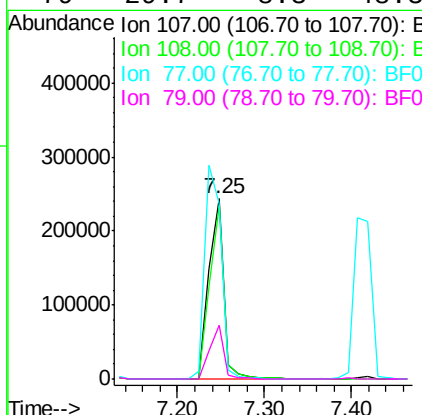
Manual Integrations
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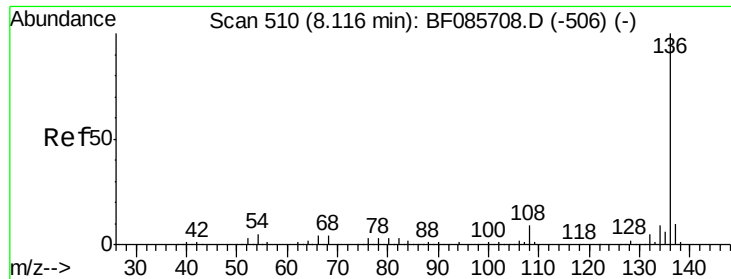
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#20
3+4-Methylphenols
Concen: 41.92 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		294527		
108	96.0	69.3	109.3		
77	97.4	101.7	141.7#		
79	29.7	8.3	48.3		





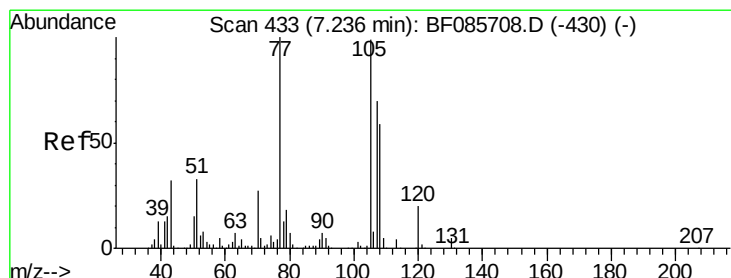
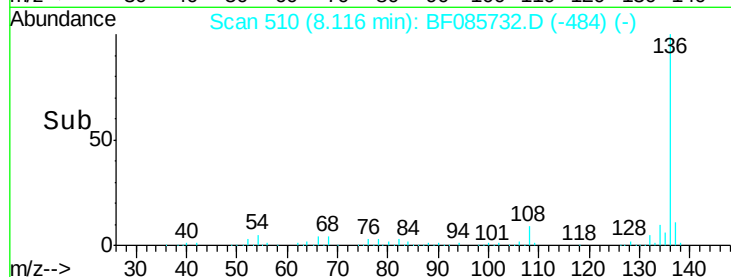
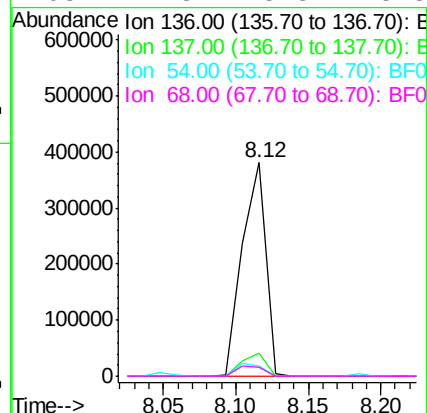
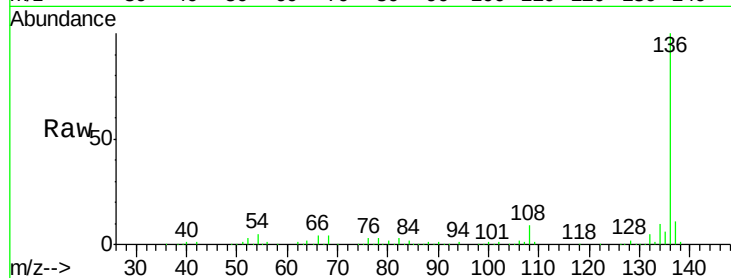
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	430330		
137	10.6	9.1	13.7	
54	5.0	7.4	11.0	
68	4.3	5.8	8.8	

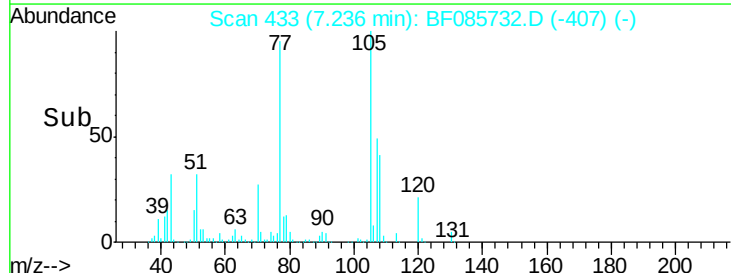
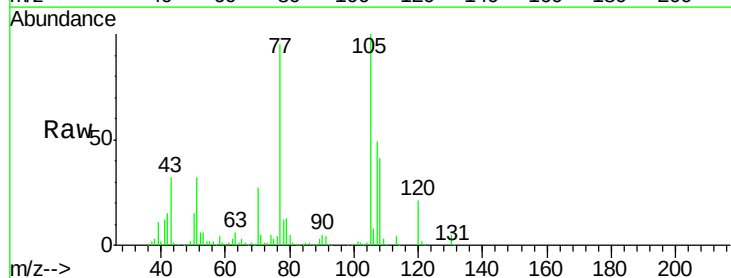
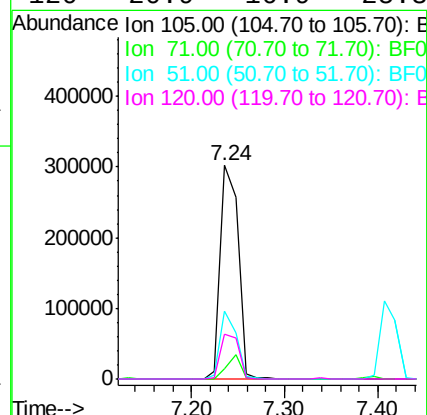
Manual Integrations
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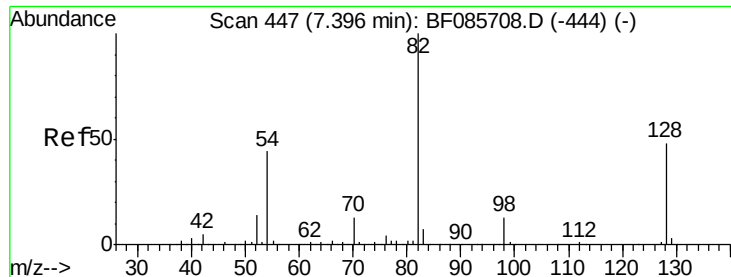
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#22
Acetophenone
Concen: 39.88 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	399792		
71	4.6	3.6	5.4	
51	31.8	25.4	38.0	
120	20.9	16.9	25.3	





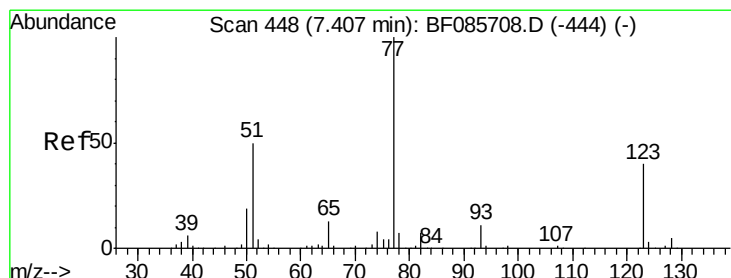
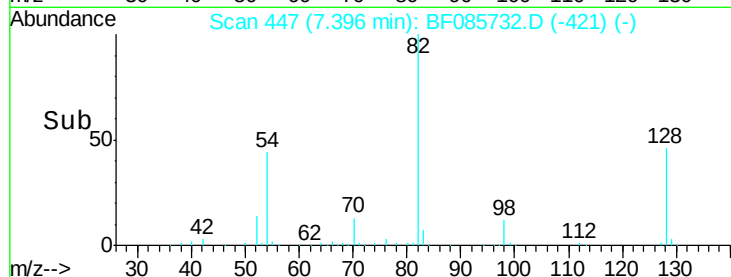
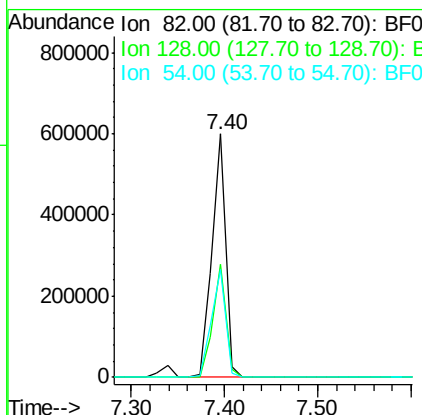
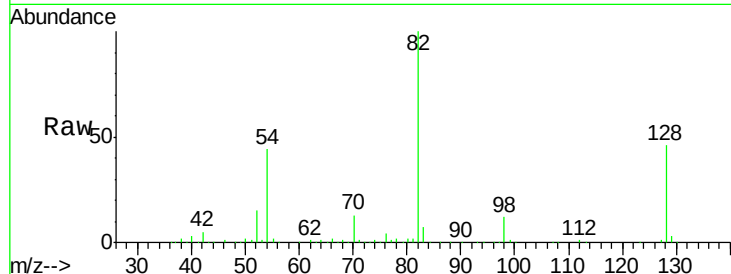
#23
 Nitrobenzene-d5
 Concen: 80.20 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	612828		
128	46.4	41.8	62.8	
54	44.4	33.4	50.0	

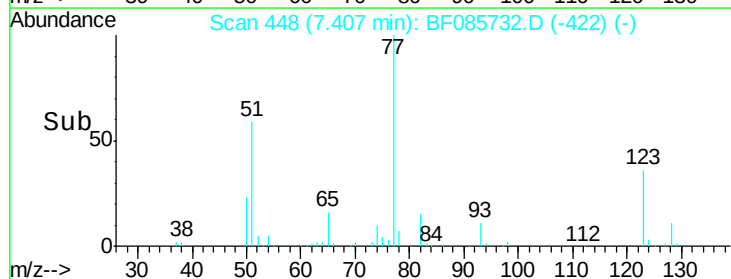
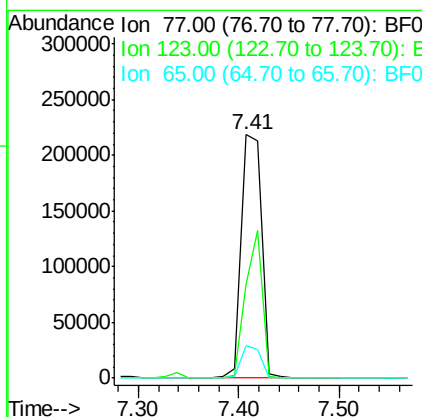
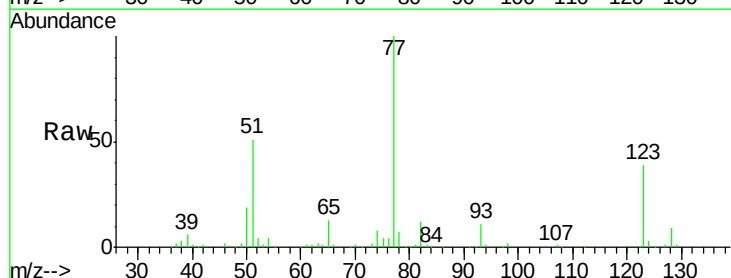
Manual Integrations
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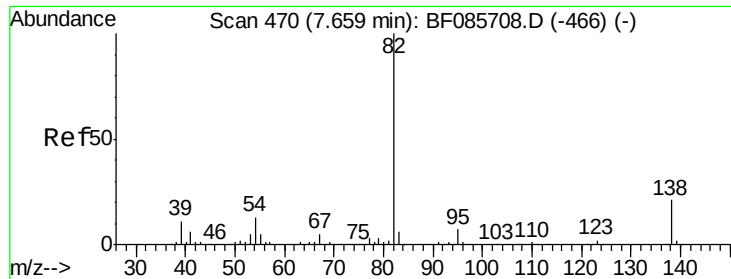
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#24
 Nitrobenzene
 Concen: 38.77 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	305418		
123	38.8	35.0	52.4	
65	13.1	10.6	16.0	





#25

Isophorone

Concen: 40.22 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

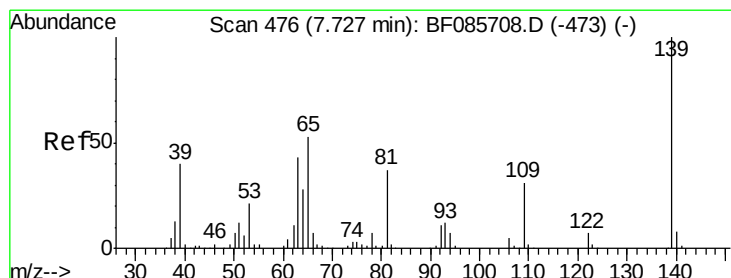
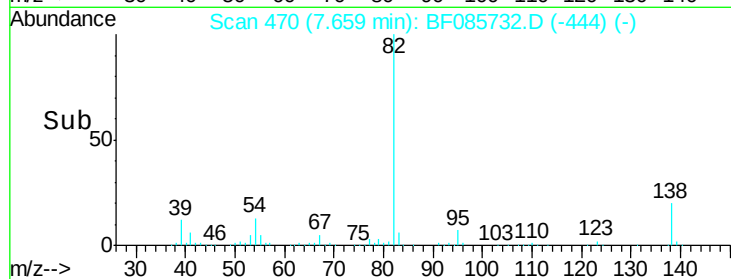
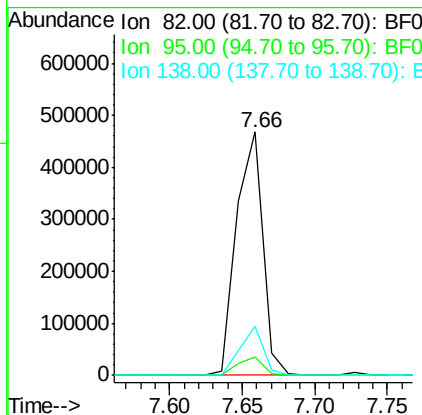
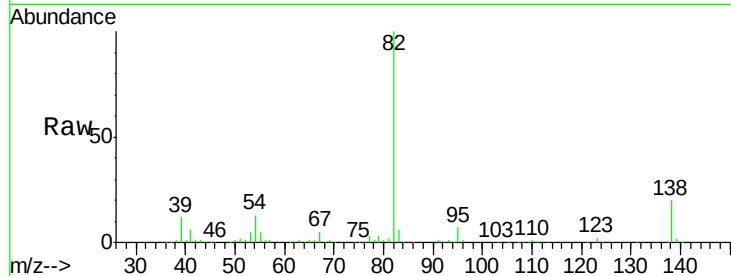
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	82	Resp:	592050
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.4	8.2
138	20.2	12.9	19.3#

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.07 ng

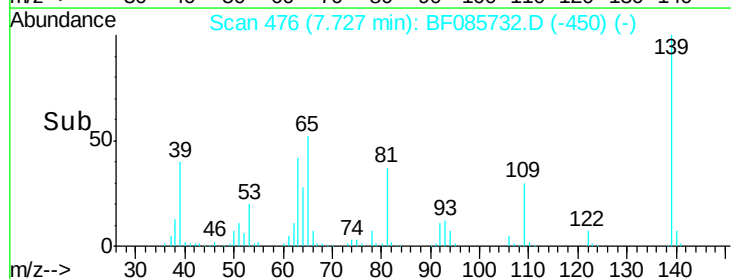
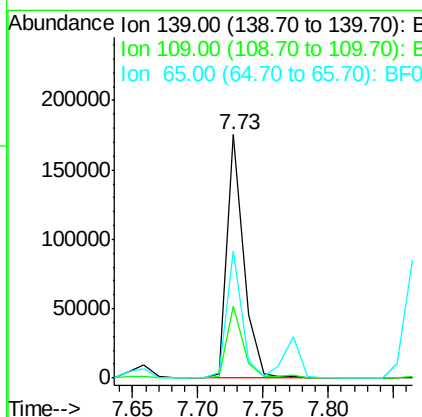
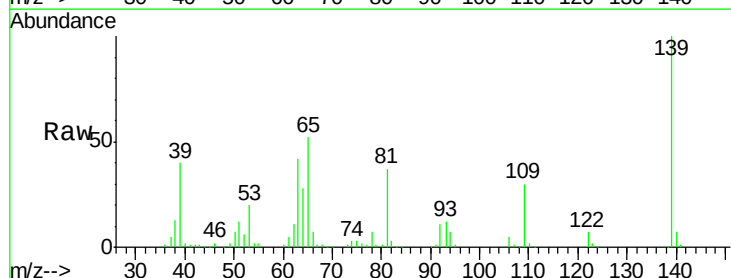
RT: 7.73 min Scan# 476

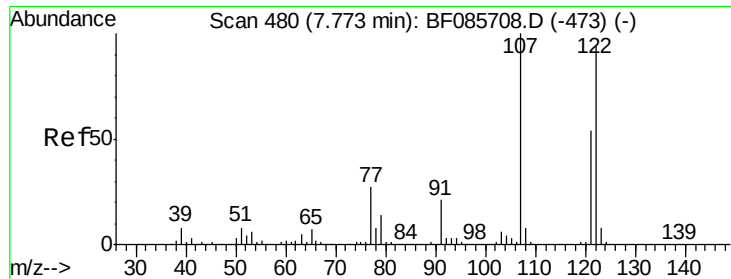
Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion:	139	Resp:	157906
Ion Ratio		Lower	Upper
139	100		
109	29.6	22.1	33.1
65	52.0	33.9	50.9#





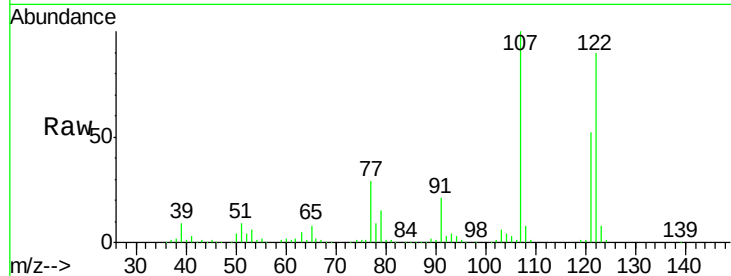
#27
2,4-Dimethylphenol
Concen: 43.02 ng
RT: 7.77 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

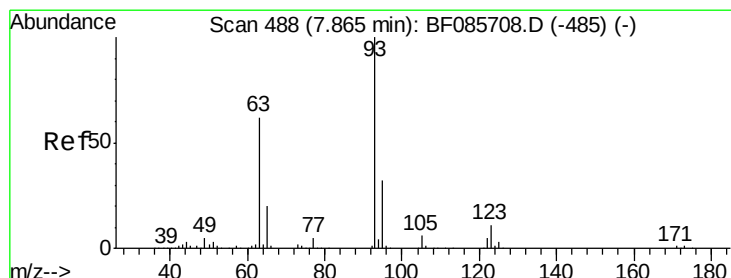
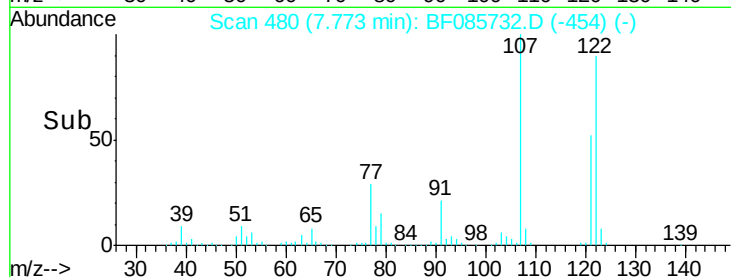
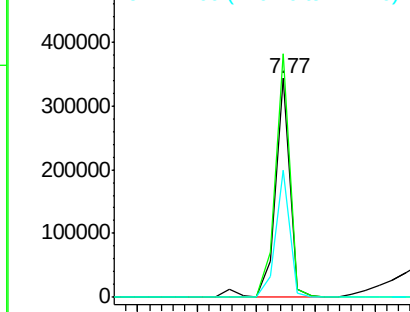
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	296373		
107	111.3	93.0	139.6	
121	57.9	45.9	68.9	

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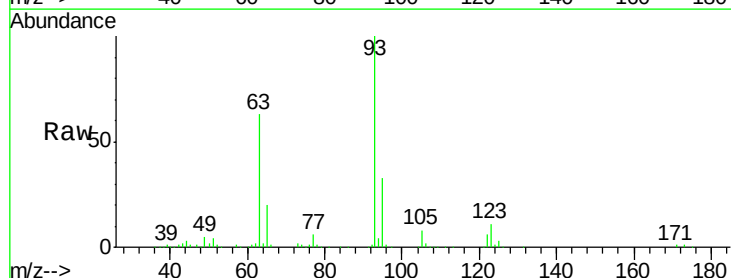


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

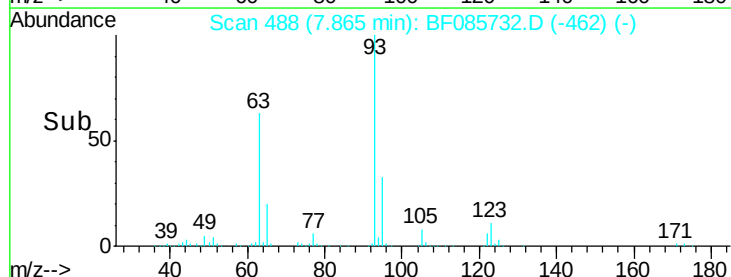
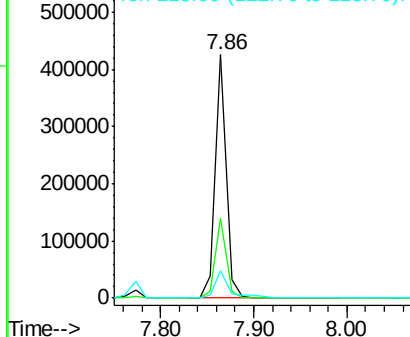


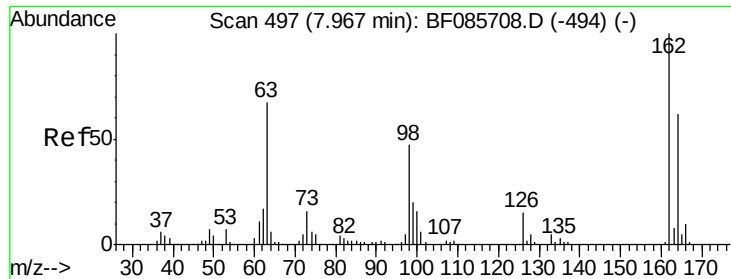
#28
bis(2-Chloroethoxy)methane
Concen: 40.98 ng
RT: 7.86 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	343746		
95	32.8	26.4	39.6	
123	11.2	9.8	14.6	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





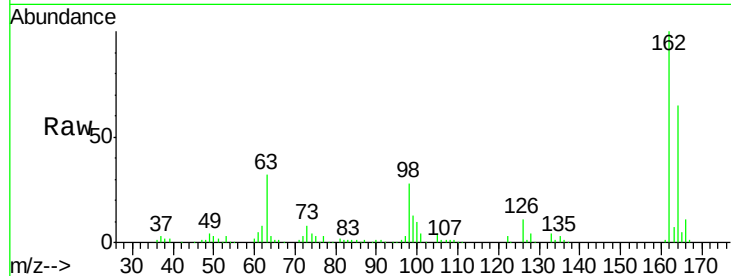
#29
 2,4-Dichlorophenol
 Concen: 38.79 ng
 RT: 7.98 min Scan# 498
 Delta R.T. 0.01 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	224620		
164	65.0	43.7	83.7	
98	28.4	20.4	60.4	

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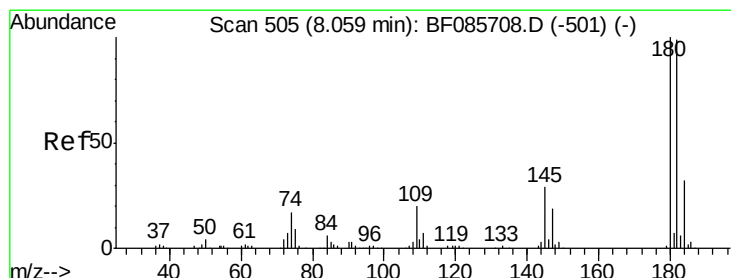
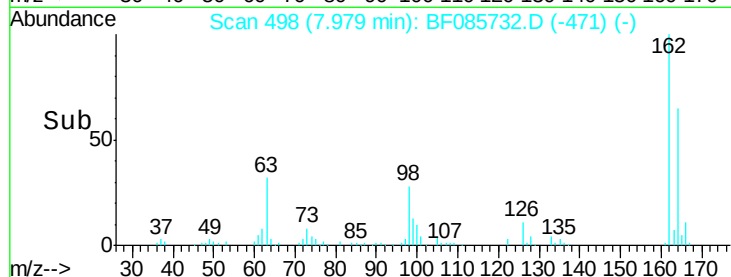
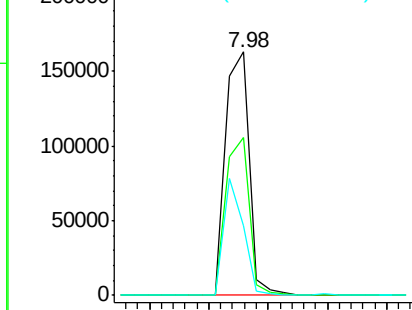


Abundance

Ion 162.00 (161.70 to 162.70): E

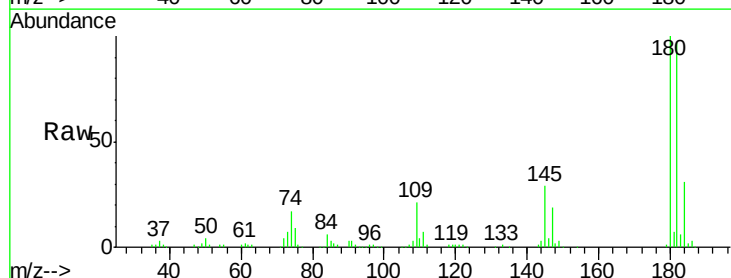
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.09 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	257722		
182	97.2	73.8	110.8	
145	29.5	28.4	42.6	

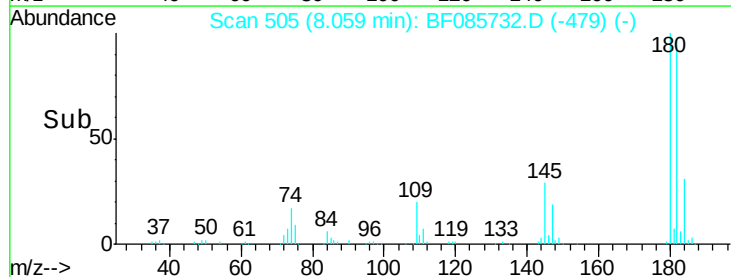
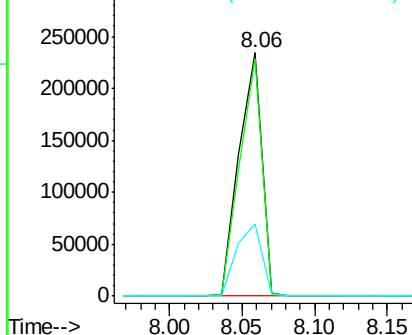


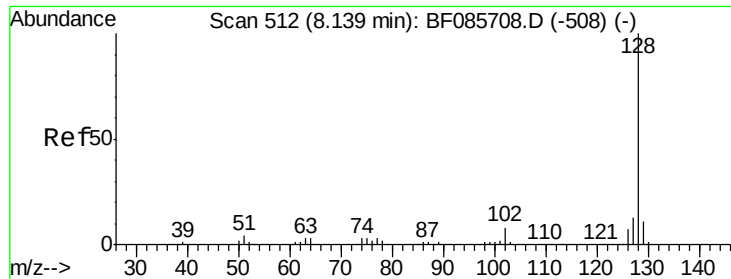
Abundance

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





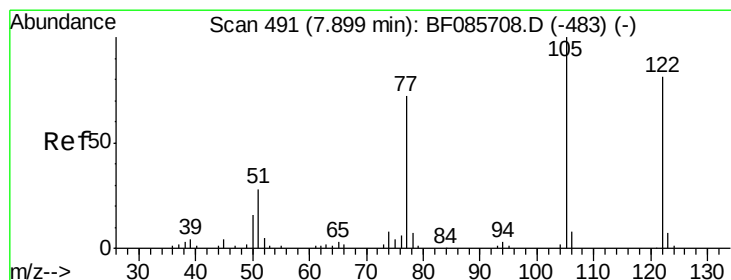
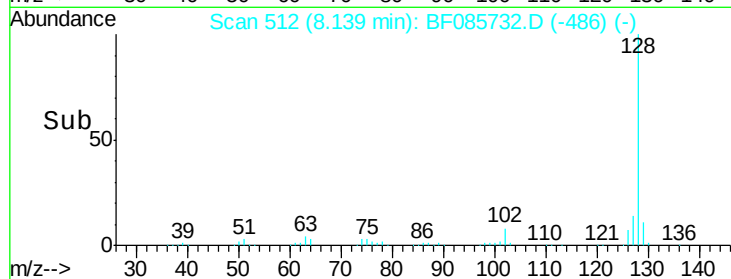
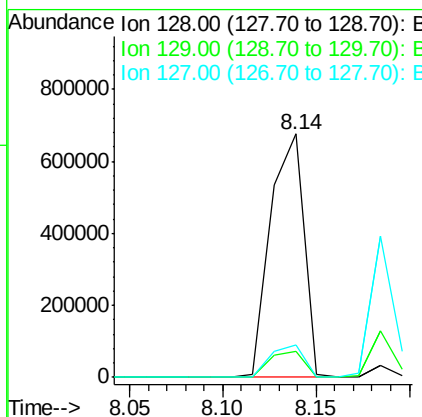
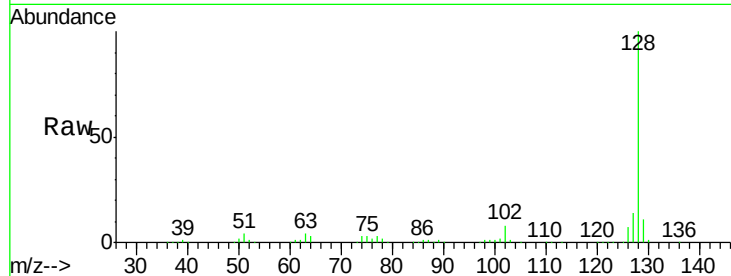
#31
Naphthalene
Concen: 38.90 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	843530		
129	10.6		9.4	14.0
127	13.6		11.0	16.6

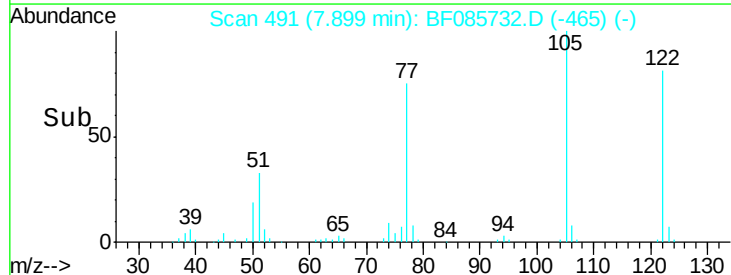
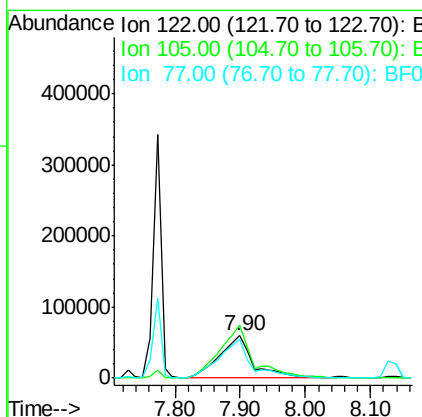
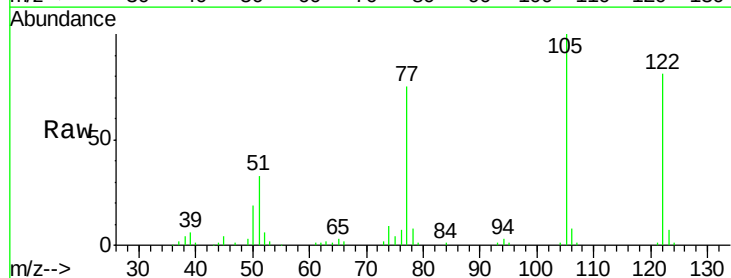
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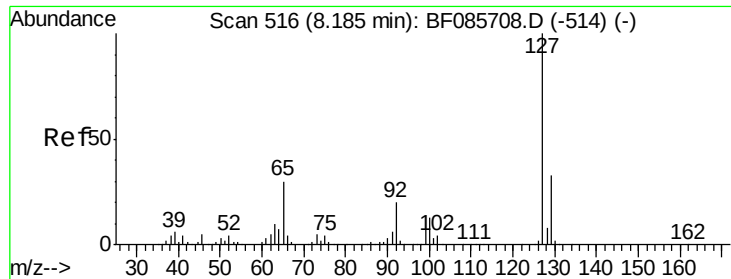
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#32
Benzoic acid
Concen: 47.28 ng m
RT: 7.90 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	216314		
105	123.5		102.9	142.9
77	93.0		71.8	111.8





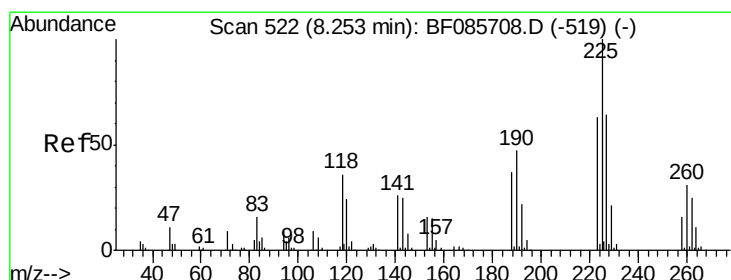
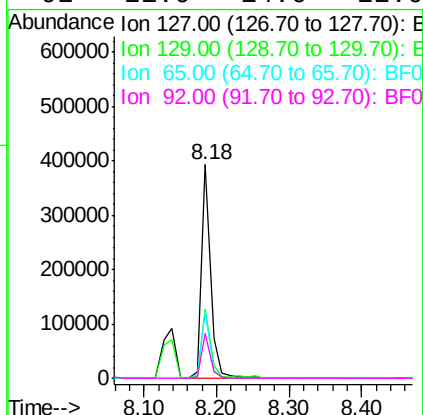
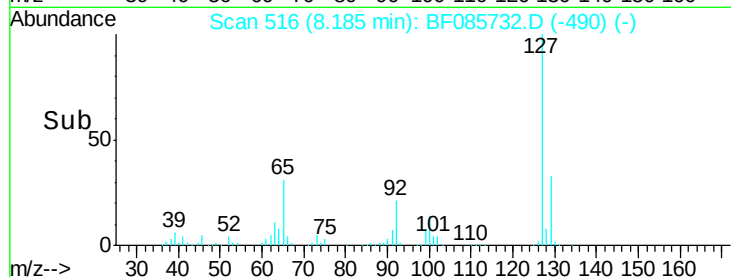
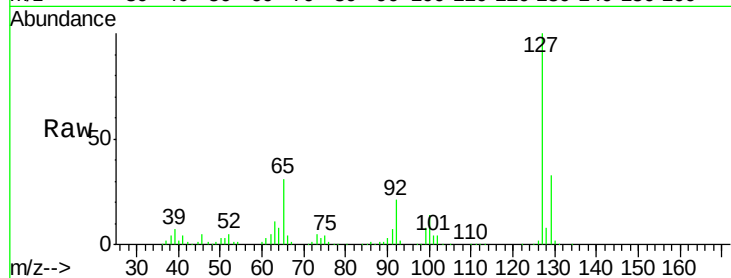
#33
4-Chloroaniline
Concen: 38.88 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		344237		
129	32.6	26.1	39.1		
65	31.3	19.5	29.3		
92	21.0	14.6	22.0		

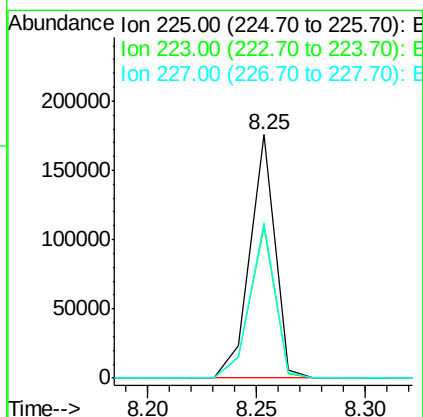
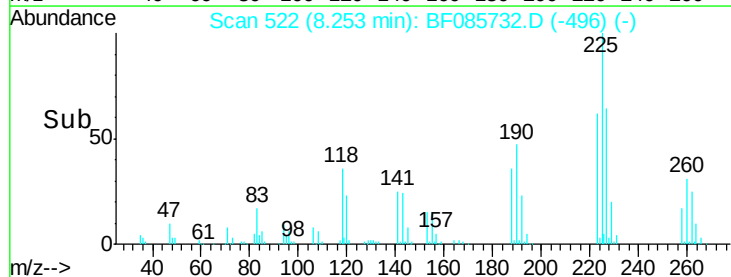
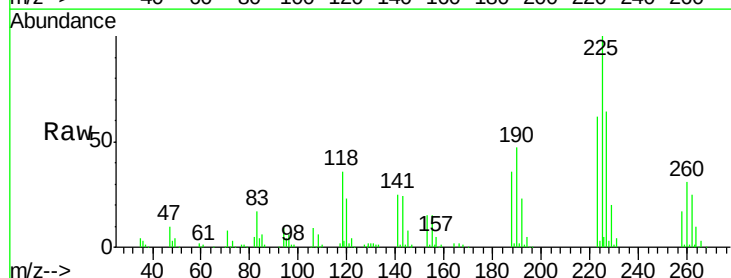
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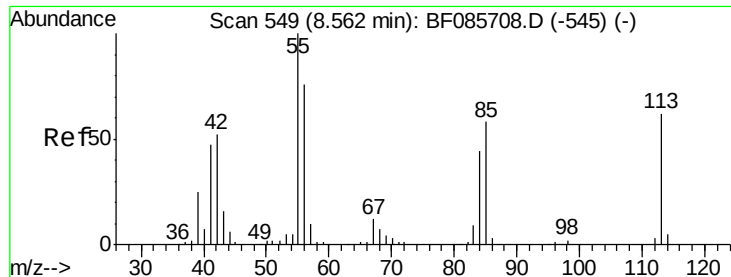
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#34
Hexachlorobutadiene
Concen: 40.21 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		140499		
223	62.3	50.4	75.6		
227	63.8	51.4	77.2		





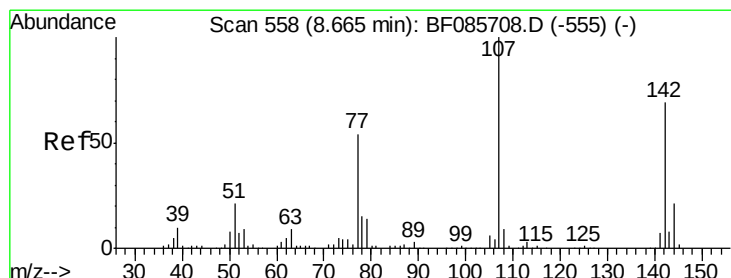
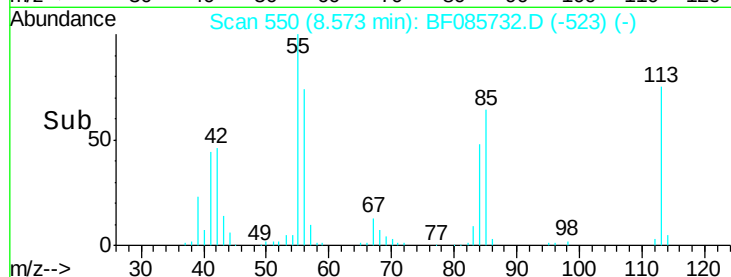
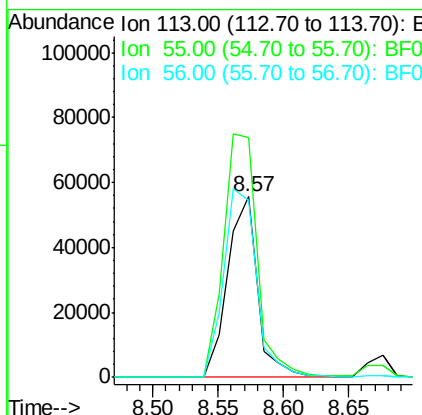
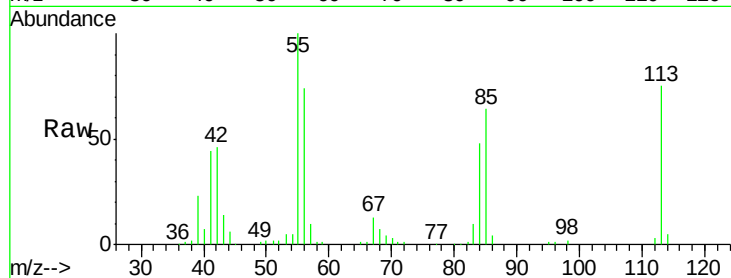
#35
 Caprolactam
 Concen: 42.99 ng
 RT: 8.57 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	88180		
55	132.5	139.4	179.4#	
56	98.2	100.4	140.4#	

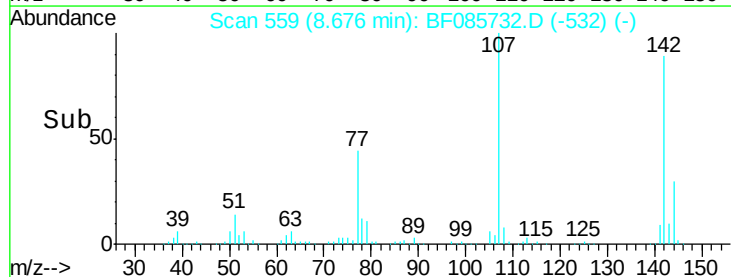
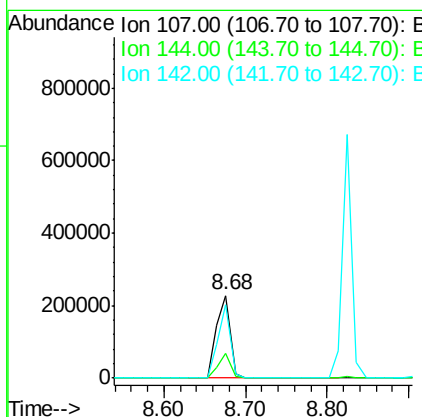
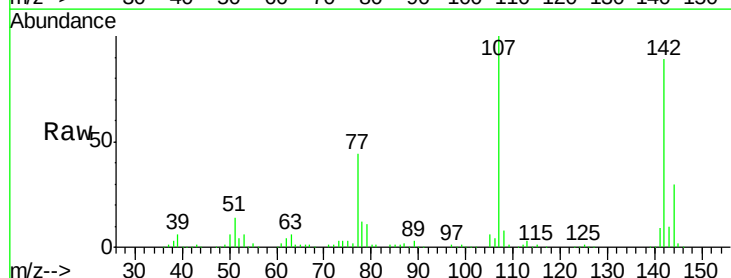
Manual Integrations
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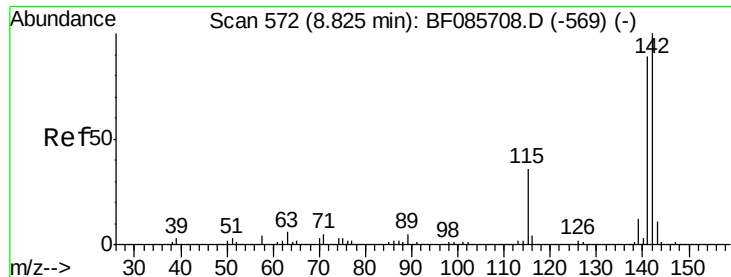
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#36
 4-Chloro-3-methylphenol
 Concen: 39.82 ng
 RT: 8.68 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	269350		
144	29.6	19.3	28.9#	
142	89.2	61.4	92.0	





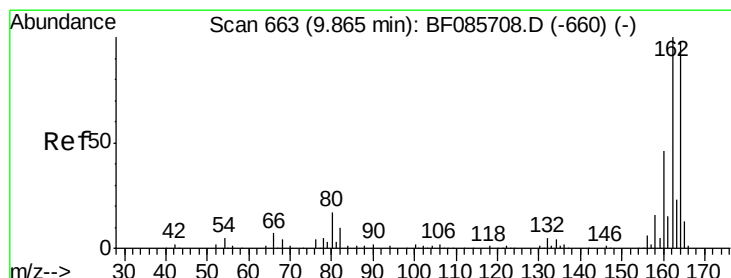
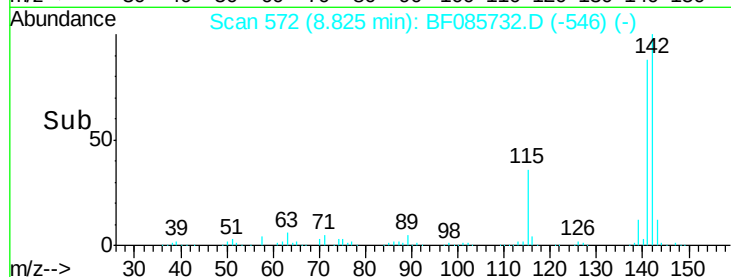
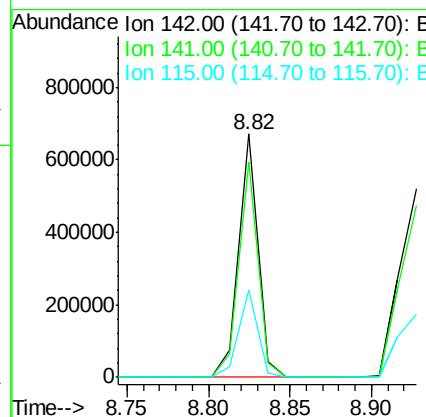
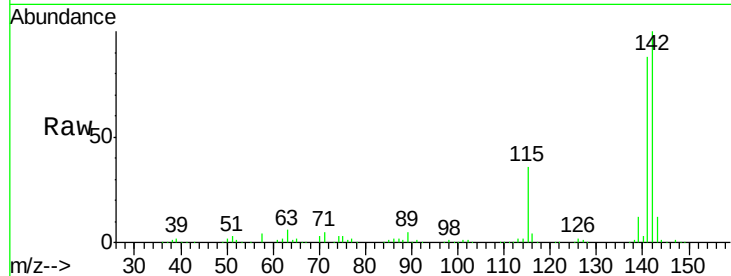
#37
 2-Methylnaphthalene
 Concen: 42.54 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	544958		
141	88.5	71.6	107.4	
115	35.7	26.8	40.2	

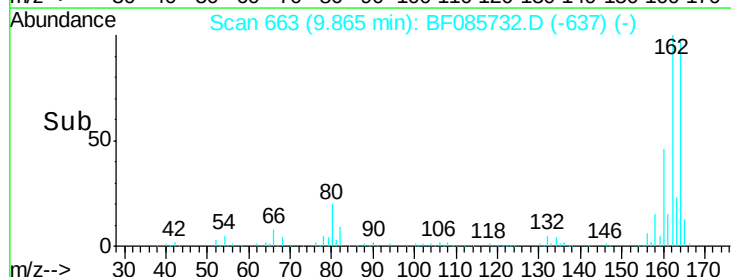
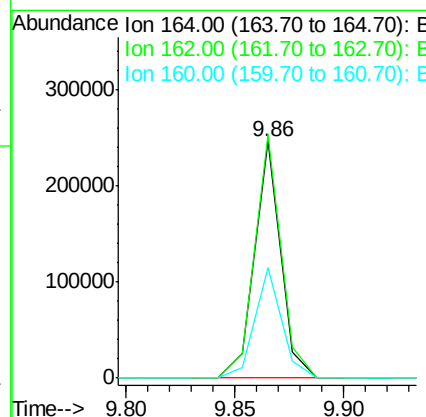
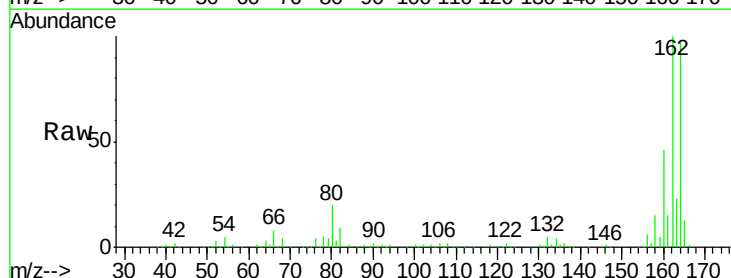
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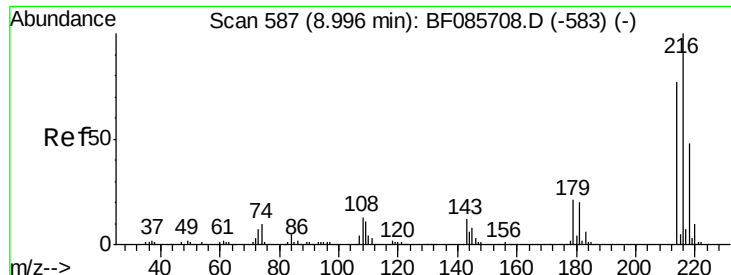
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	204718		
162	102.7	82.1	123.1	
160	46.9	37.4	56.2	





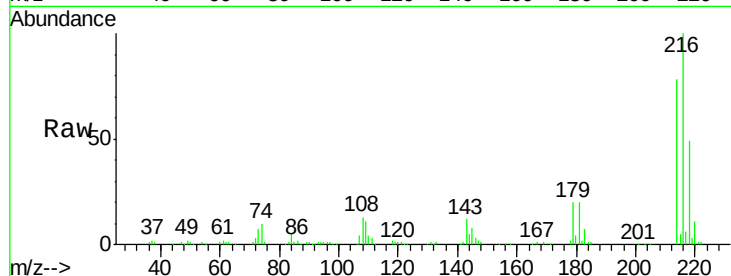
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.41 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

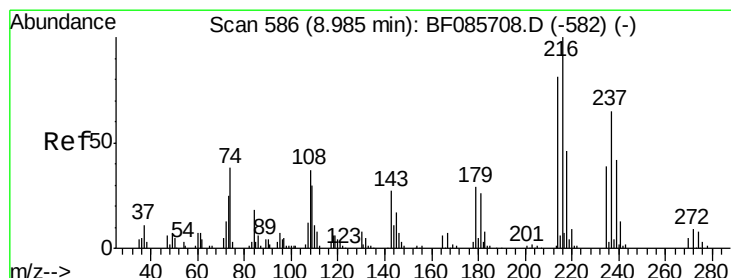
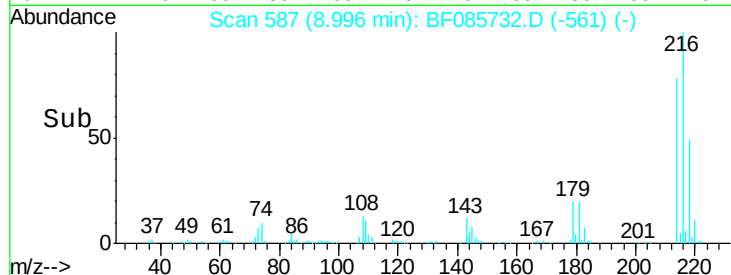
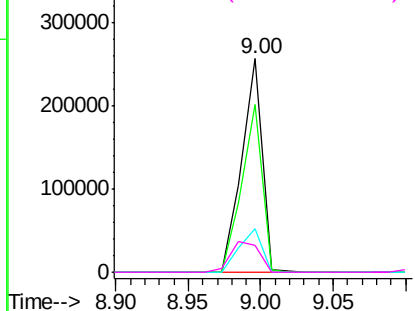
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	251401		
214	78.7	63.1	94.7	
179	22.7	18.2	27.2	
108	20.2	17.3	25.9	

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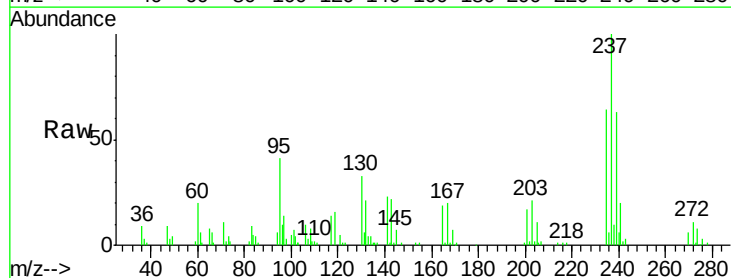


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

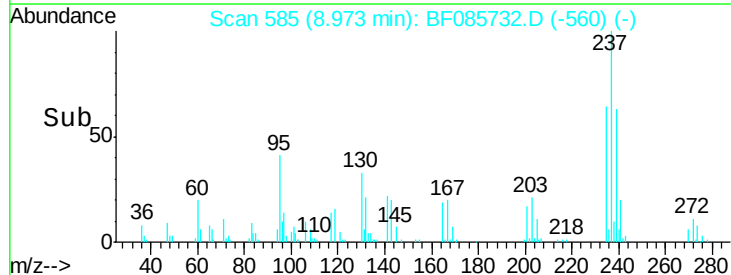
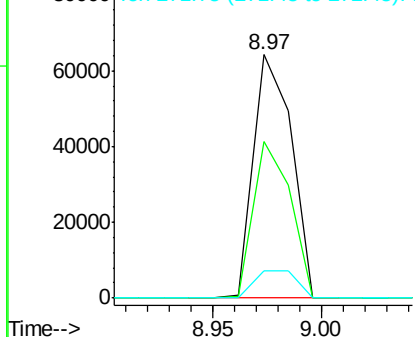


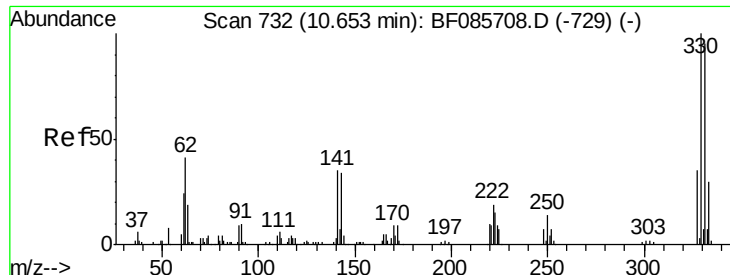
#40
 Hexachlorocyclopentadiene
 Concen: 36.66 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	78530		
235	64.5	43.7	83.7	
272	11.1	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





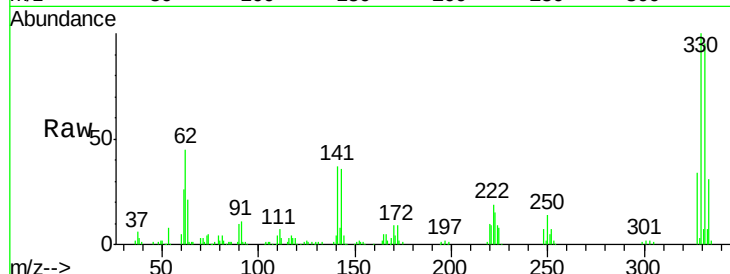
#41
 2,4,6-Tribromophenol
 Concen: 81.64 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

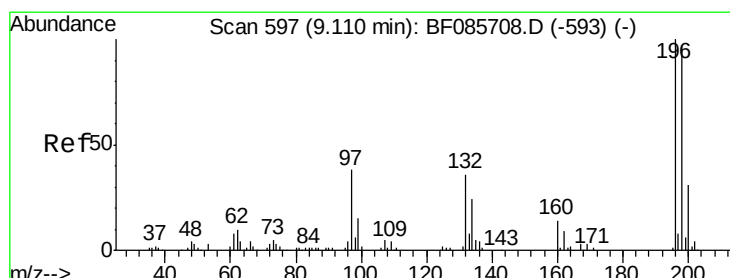
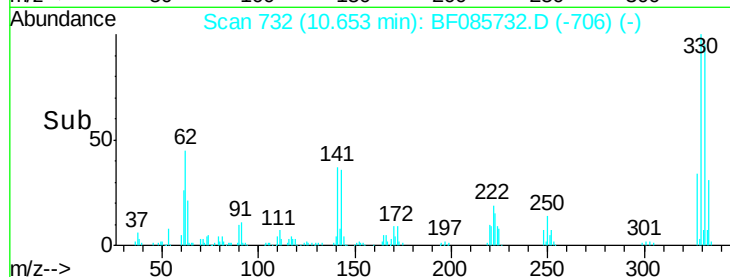
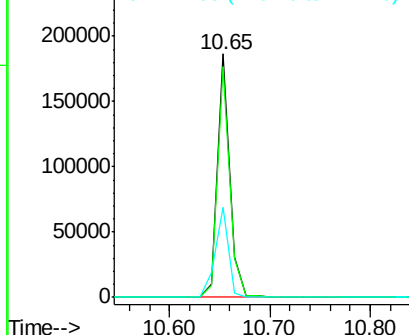
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	158795		
332	94.6	78.2	117.2	
141	40.2	31.5	47.3	

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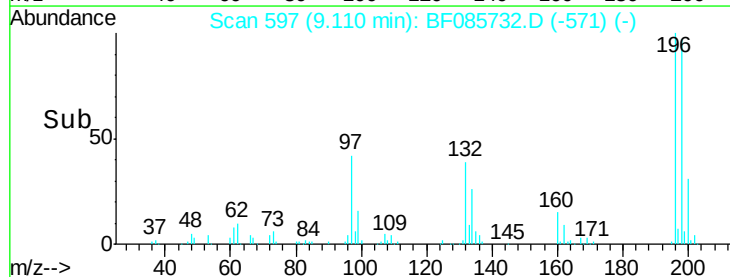
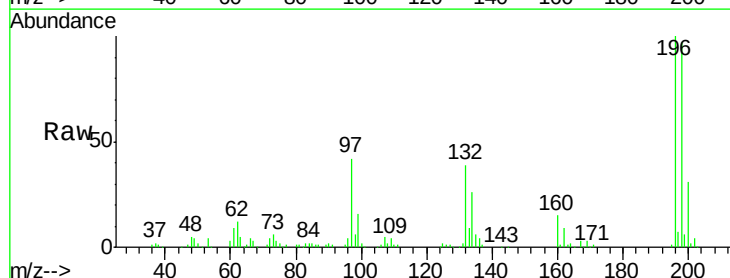
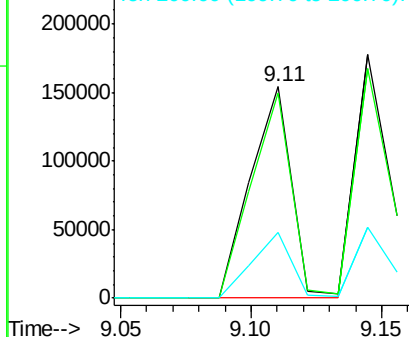
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

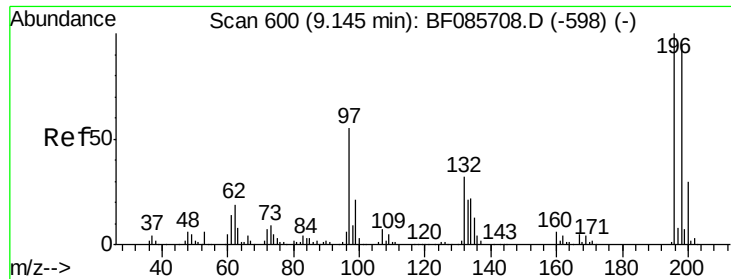


#42
 2,4,6-Trichlorophenol
 Concen: 41.25 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169152		
198	96.9	75.3	112.9	
200	31.3	23.7	35.5	

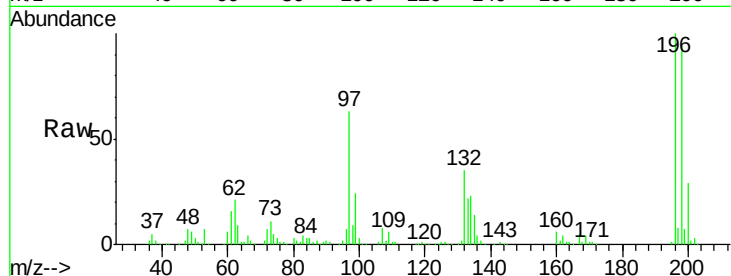
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.65 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

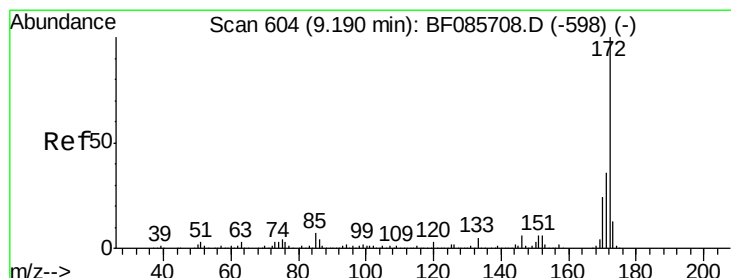
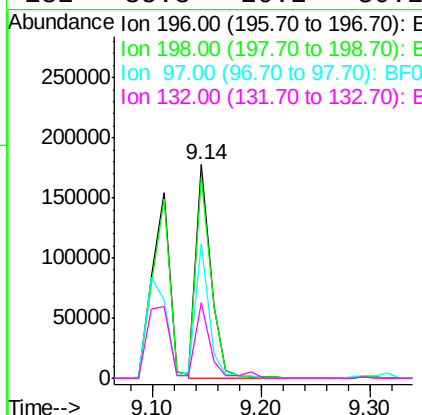
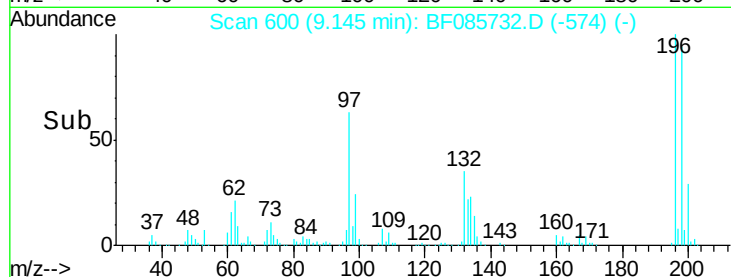
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



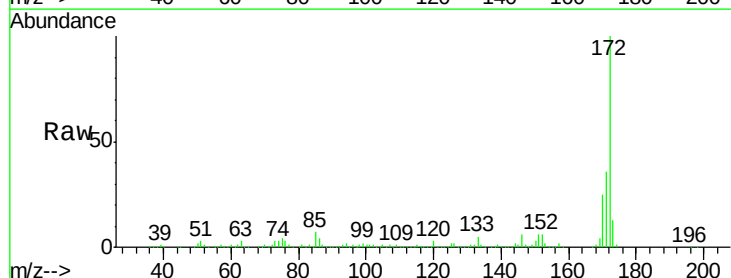
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170495		
198	94.2	76.6	114.8	
97	62.7	30.5	45.7	#
132	35.3	20.2	30.2	#

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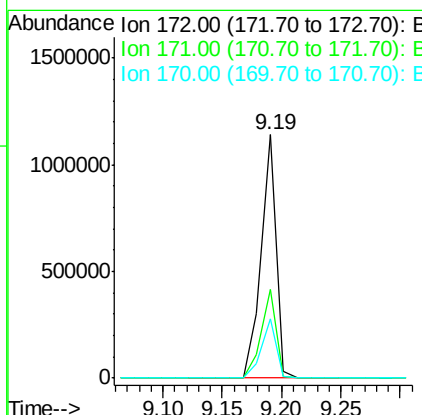
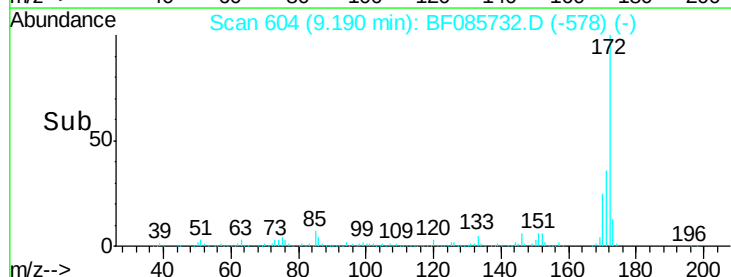
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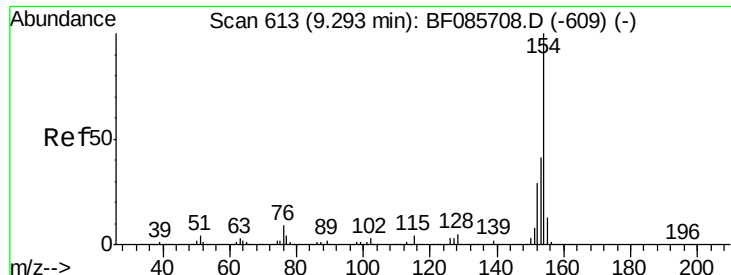


#44
 2-Fluorobiphenyl
 Concen: 82.94 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1016298		
171	36.4	29.4	44.2	
170	24.5	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 41.98 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085732.D

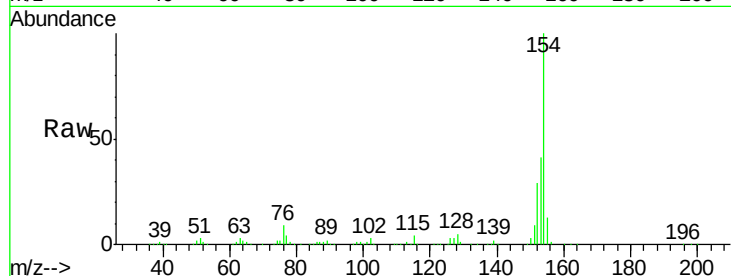
Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

ClientSampleId :

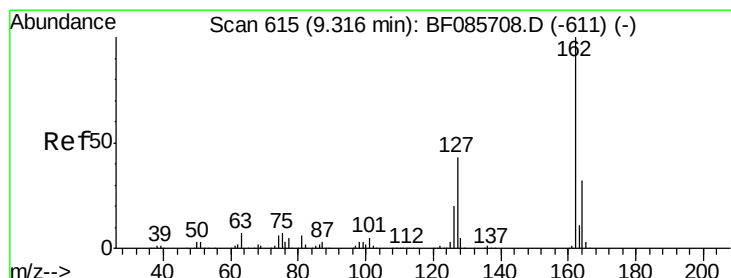
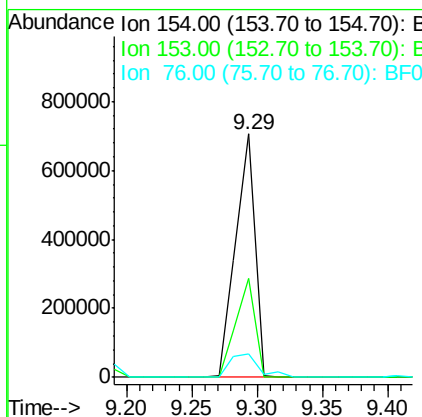
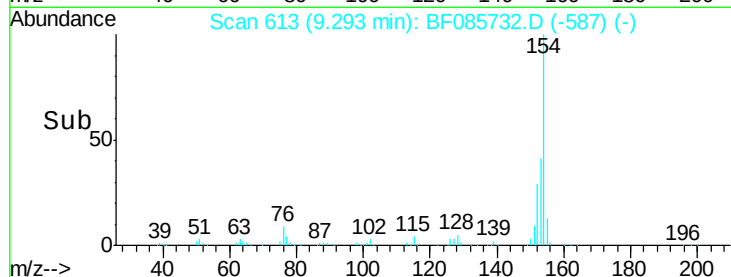
SSTDCCC040EC



Tgt Ion:	154	Resp:	725251
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.8	60.8
76	9.4	0.0	36.7

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 41.80 ng

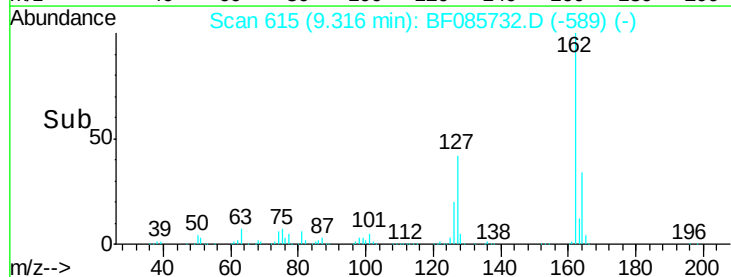
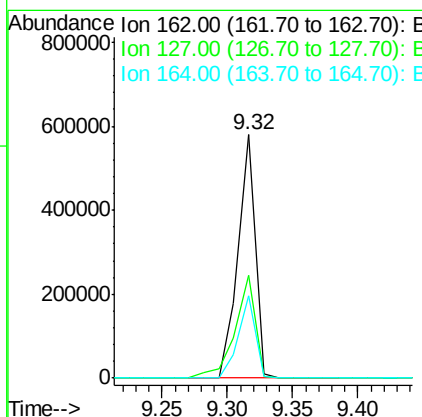
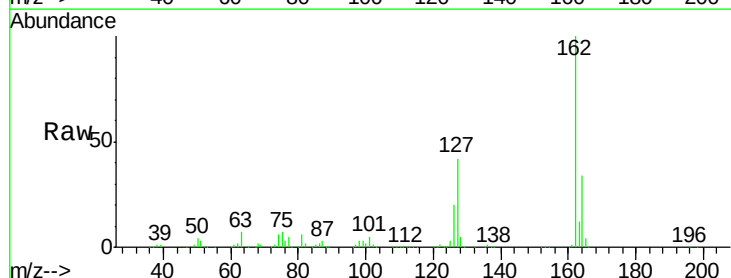
RT: 9.32 min Scan# 615

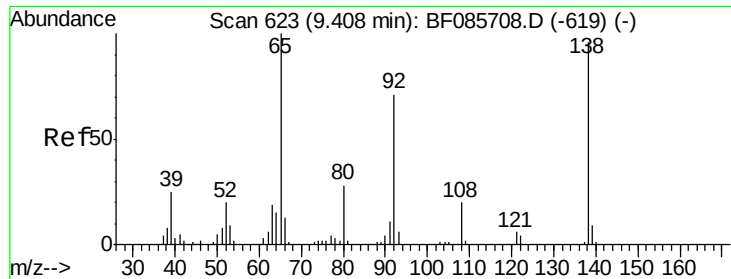
Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion:	162	Resp:	530918
Ion Ratio	Lower	Upper	
162	100		
127	42.1	31.7	47.5
164	33.6	27.3	40.9





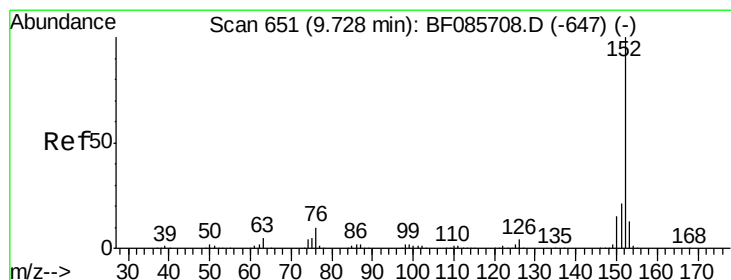
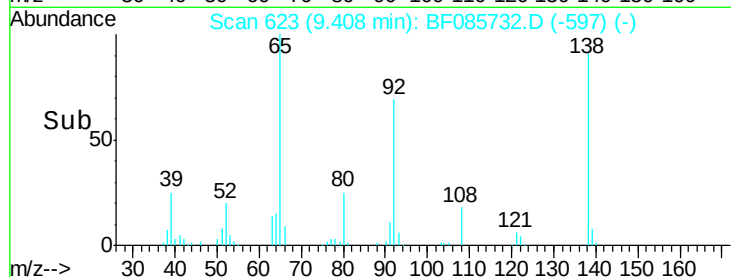
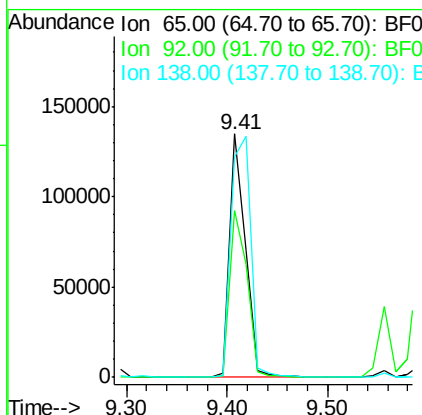
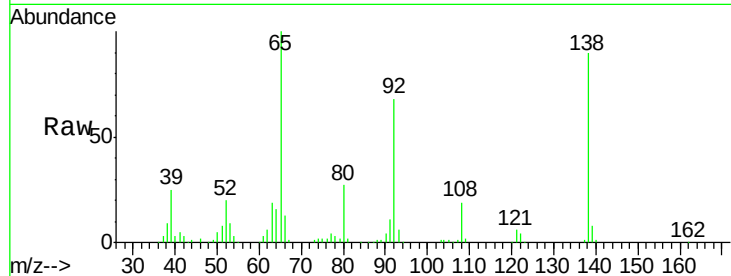
#47
2-Nitroaniline
Concen: 38.24 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	59.7	89.5
138	90.4	91.4	137.0

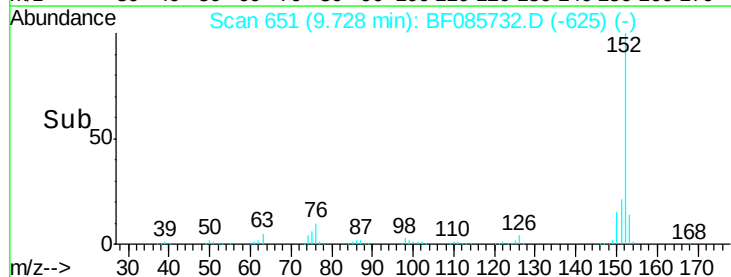
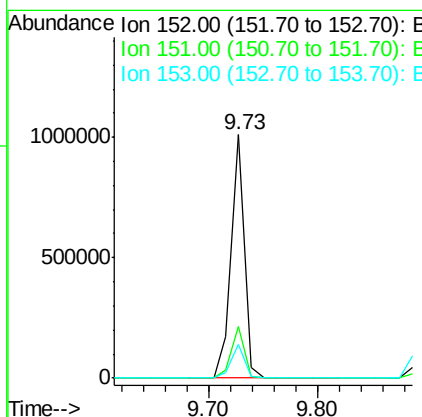
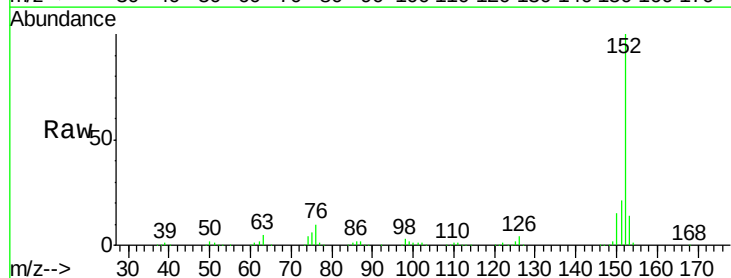
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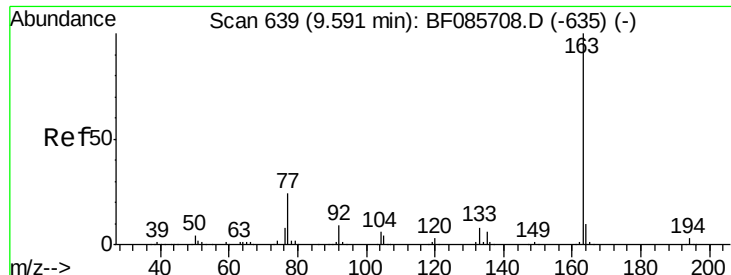
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#48
Acenaphthylene
Concen: 40.85 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.7	10.9	16.3





#49

Dimethylphthalate

Concen: 37.65 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

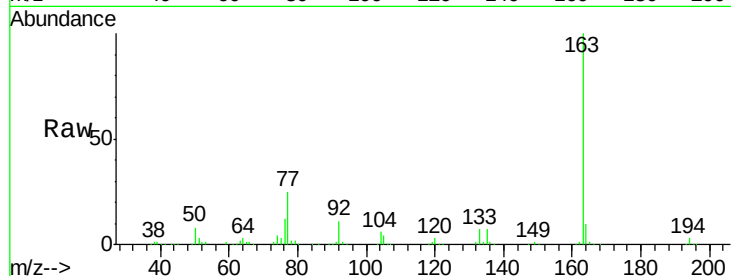
ClientSampleId :

SSTDCCC040EC

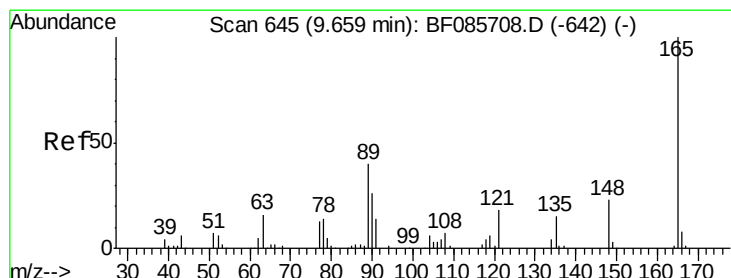
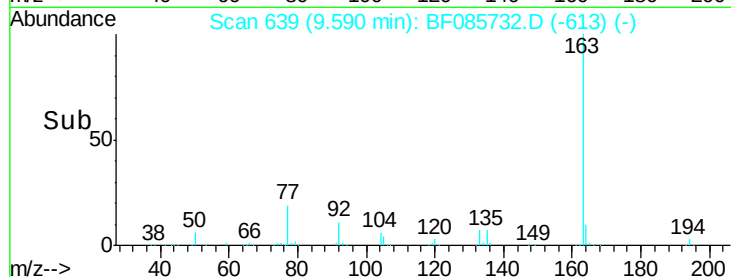
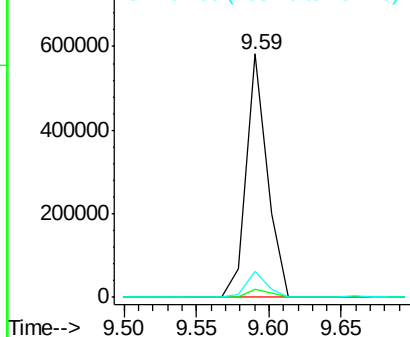
Tgt Ion:	163	Resp:	584765
Ion Ratio		Lower	Upper
163	100		
194	3.2	2.9	4.3
164	10.5	8.3	12.5

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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: 44.23 ng

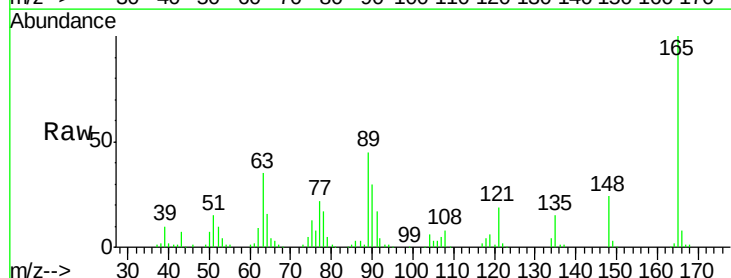
RT: 9.66 min Scan# 645

Delta R.T. -0.00 min

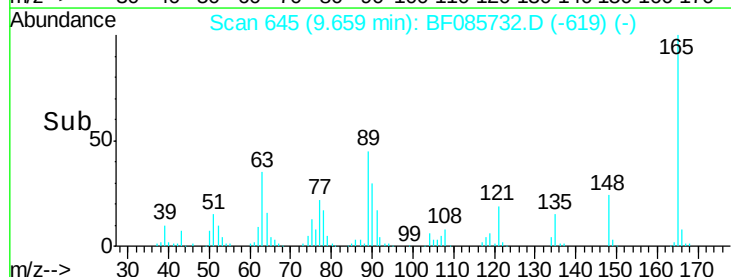
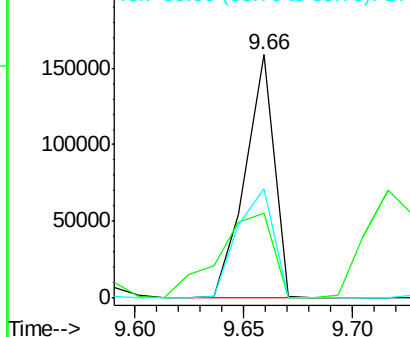
Lab File: BF085732.D

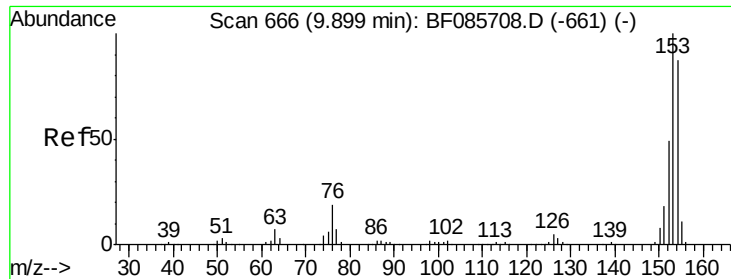
Acq: 24 Mar 2016 23:59

Tgt Ion:	165	Resp:	147872
Ion Ratio		Lower	Upper
165	100		
63	35.1	51.8	77.8#
89	44.9	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: 38.61 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085732.D

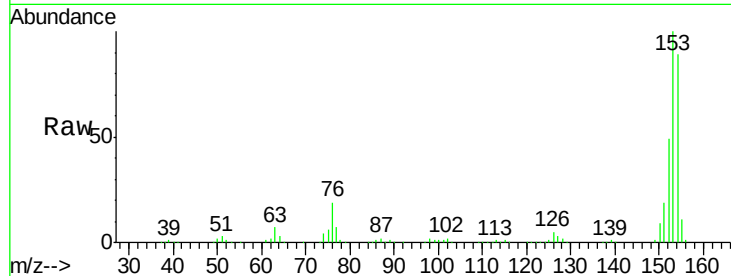
Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

ClientSampleId :

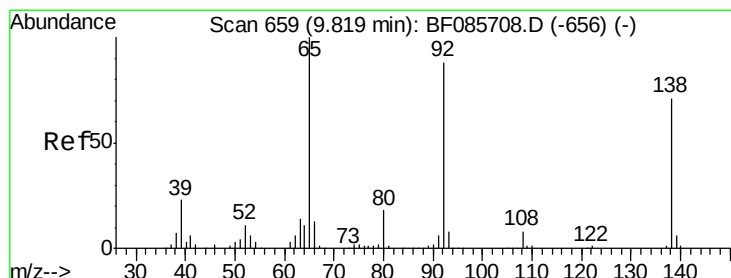
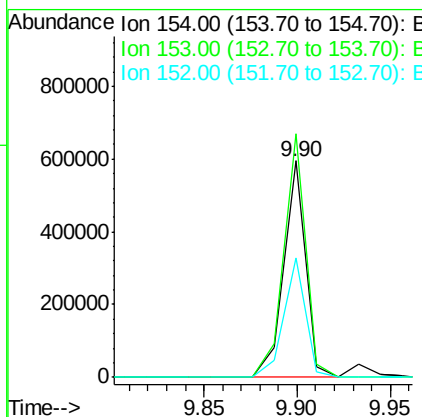
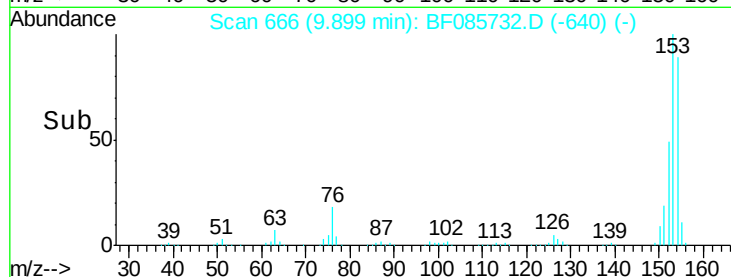
SSTDCCC040EC



Tgt Ion:	154	Resp:	488079
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.1	135.1
152	55.2	44.2	66.2

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#52

3-Nitroaniline

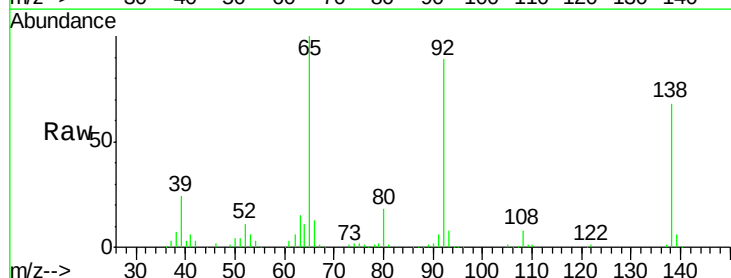
Concen: 38.90 ng

RT: 9.82 min Scan# 659

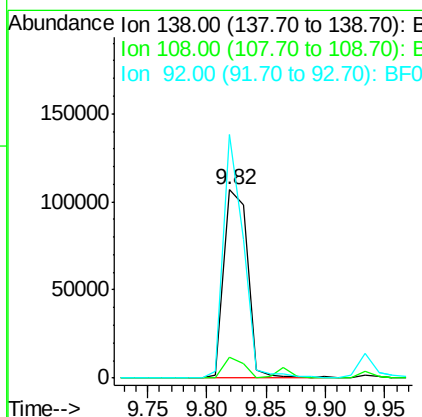
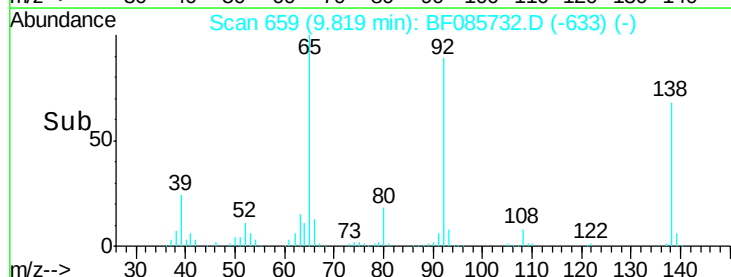
Delta R.T. -0.00 min

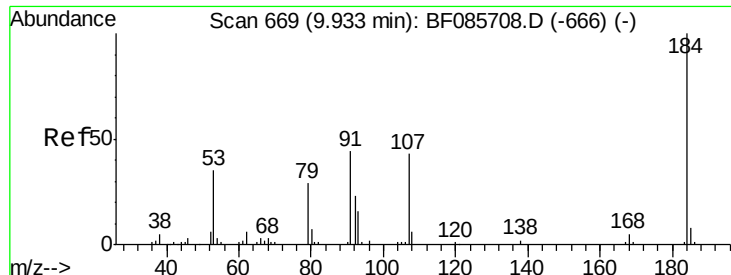
Lab File: BF085732.D

Acq: 24 Mar 2016 23:59



Tgt Ion:	138	Resp:	148851
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.7	13.1
92	129.5	93.3	139.9





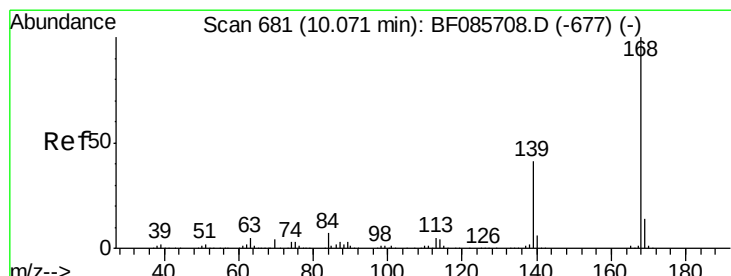
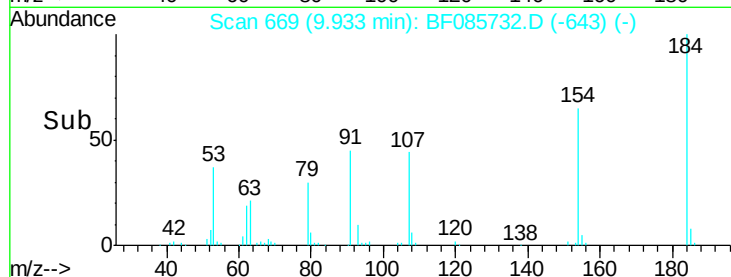
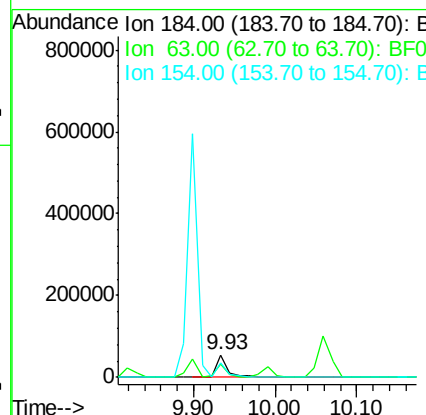
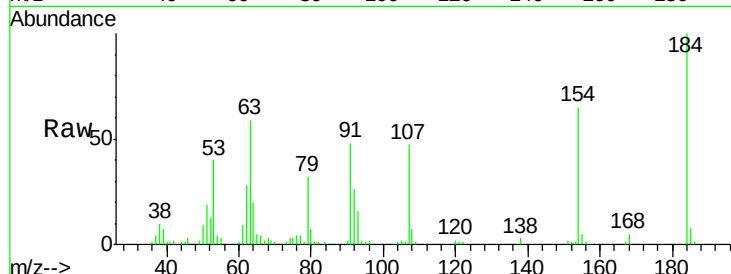
#53
2,4-Dinitrophenol
Concen: 36.96 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	56485		
63	59.4	69.5	104.3#	
154	65.4	58.3	87.5	

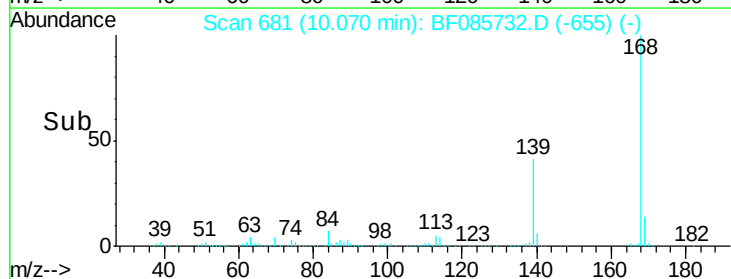
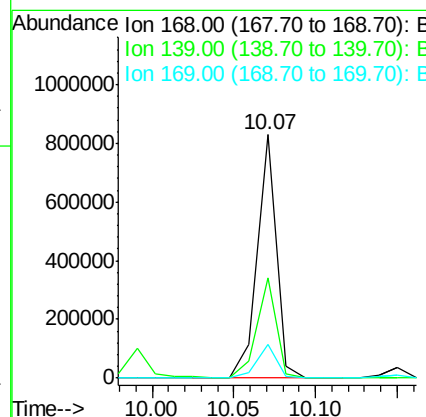
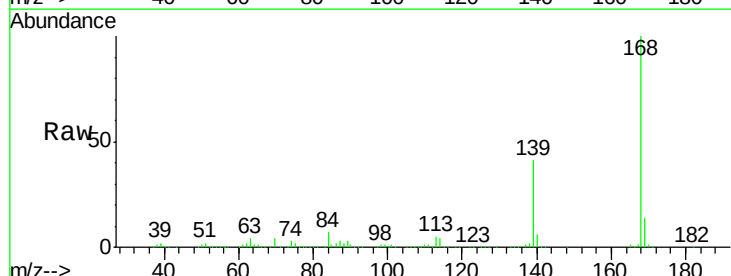
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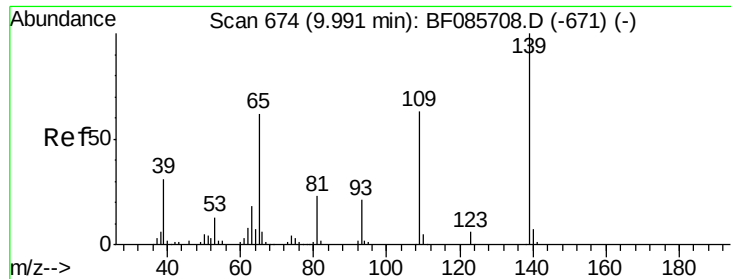
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#54
Dibenzofuran
Concen: 41.47 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	678626		
139	41.2	31.9	47.9	
169	13.6	11.0	16.6	





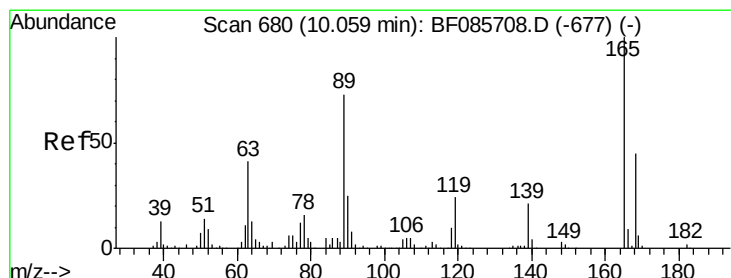
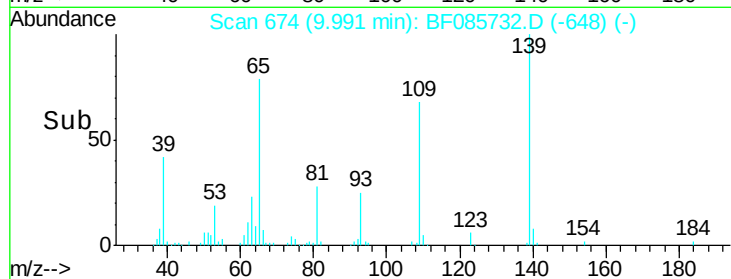
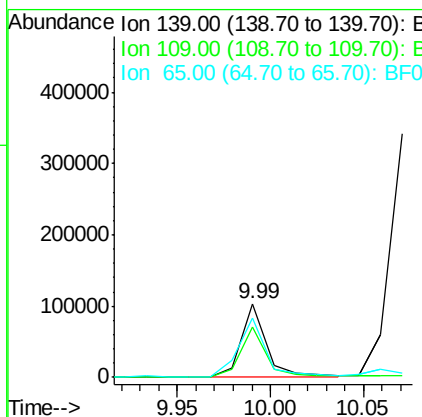
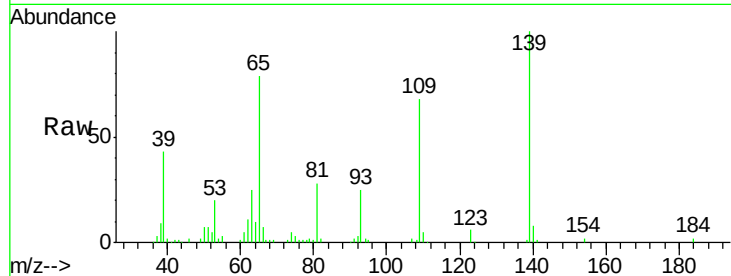
#55
4-Nitrophenol
Concen: 40.20 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	100224		
109	68.1	49.2	89.2	
65	79.4	66.9	106.9	

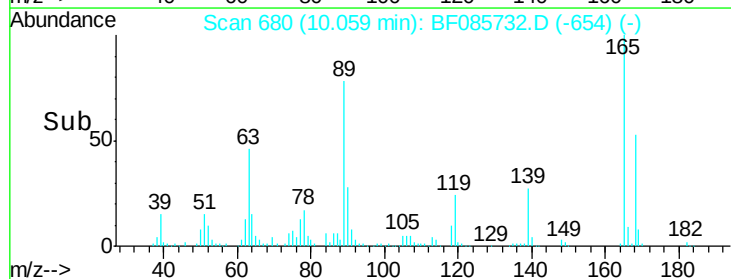
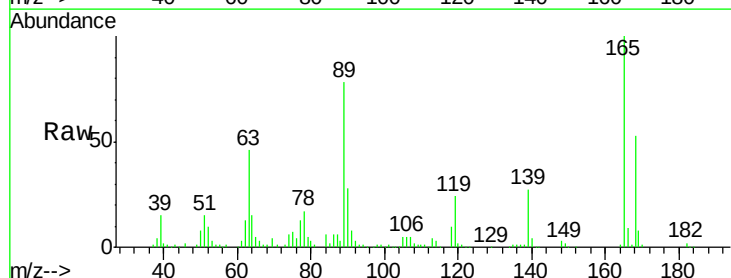
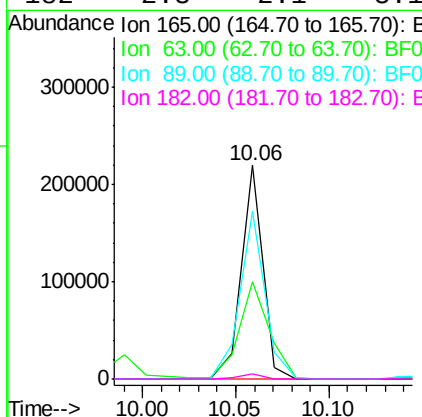
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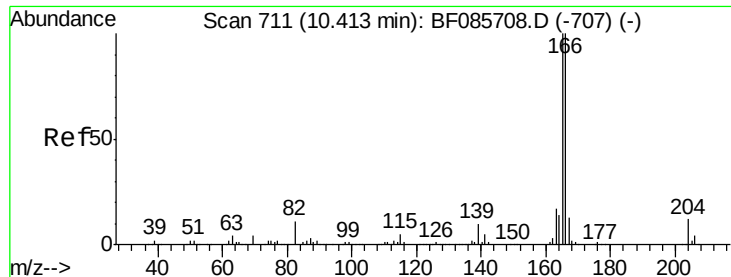
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#56
2,4-Dinitrotoluene
Concen: 41.82 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	177714		
63	45.8	24.9	37.3#	
89	78.3	41.0	61.6#	
182	2.3	2.1	3.1	





#57

Fluorene

Concen: 41.90 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085732.D

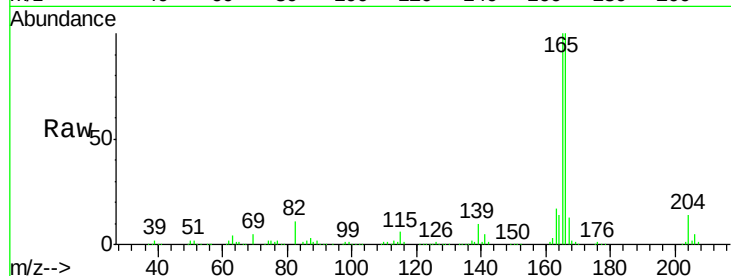
Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

ClientSampleId :

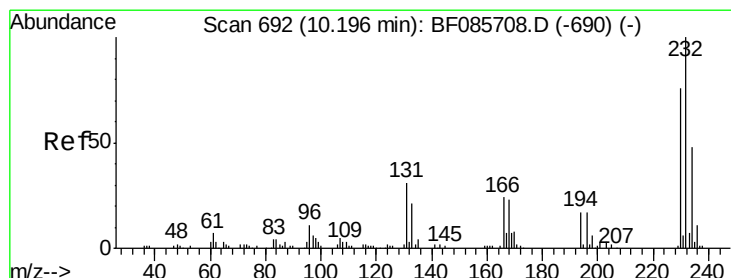
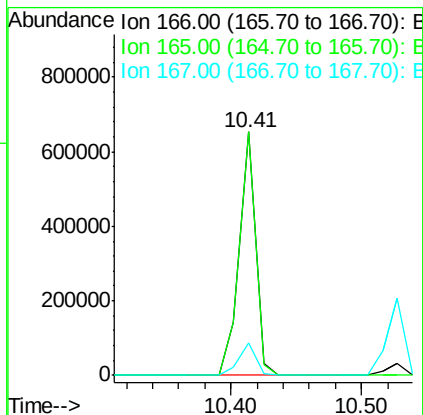
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	79.4	119.0	
167	13.5	11.0	16.4	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

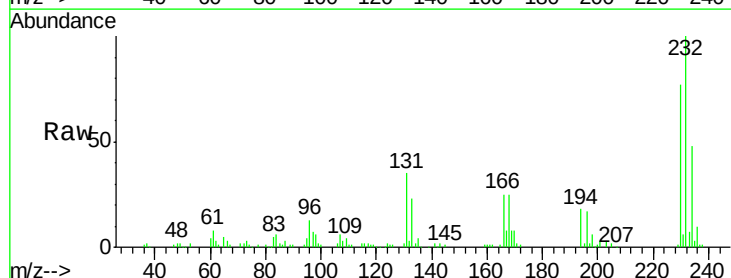
Concen: 40.43 ng

RT: 10.20 min Scan# 692

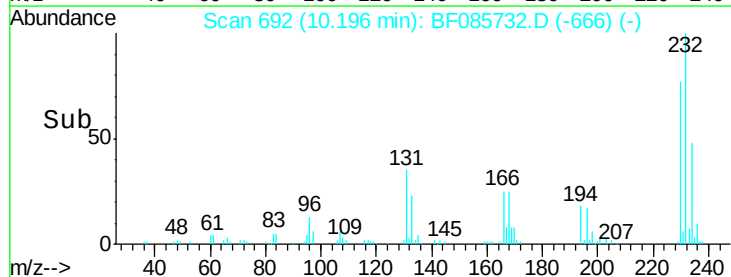
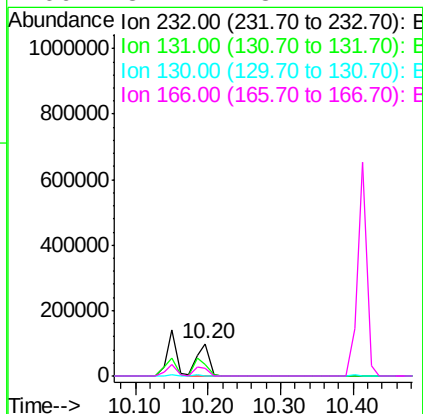
Delta R.T. -0.00 min

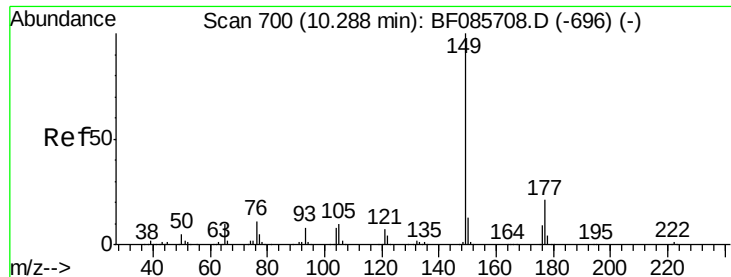
Lab File: BF085732.D

Acq: 24 Mar 2016 23:59



Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	54.3	44.9	67.3	
130	2.6	2.3	3.5	
166	32.7	28.1	42.1	





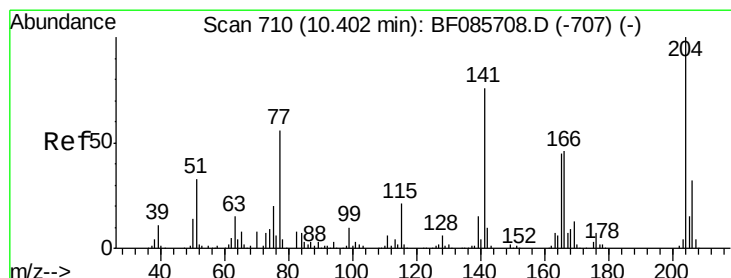
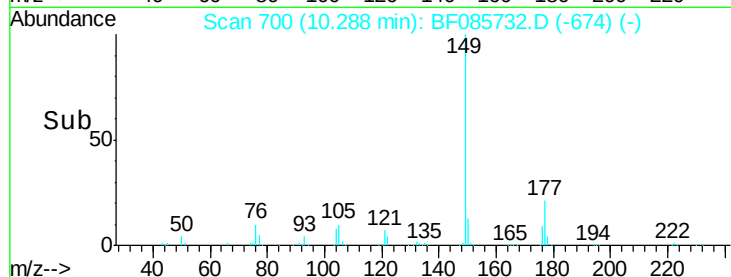
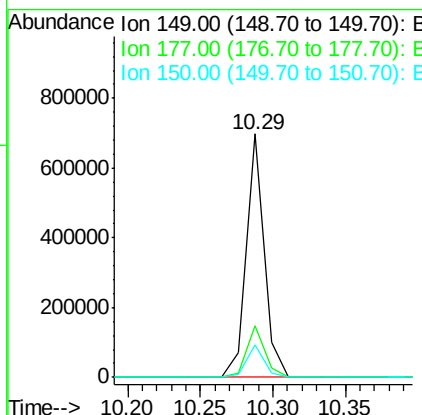
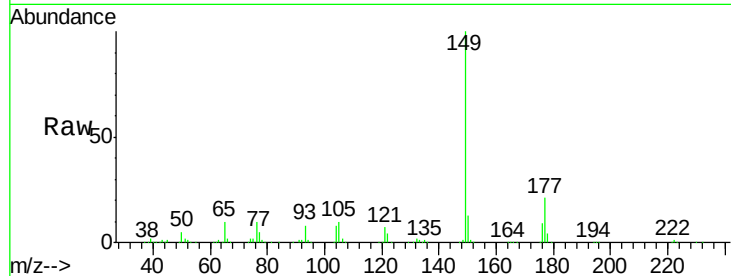
#59
Diethylphthalate
Concen: 38.95 ng
RT: 10.29 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	597646		
177	21.2	17.9	26.9	
150	13.1	10.2	15.2	

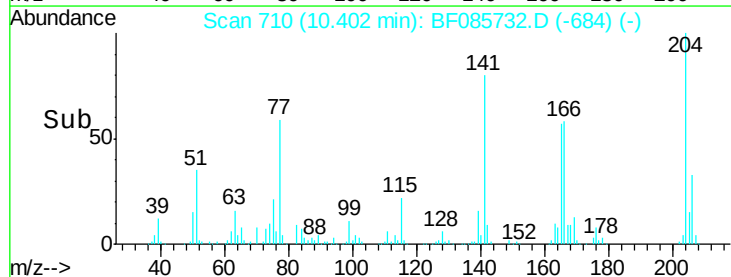
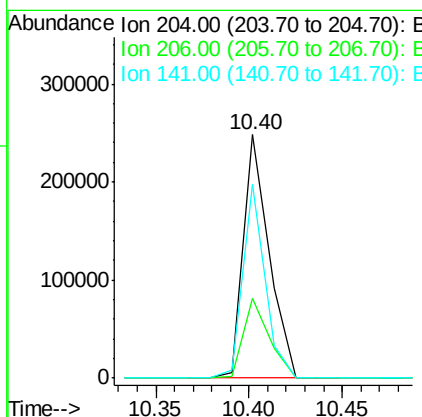
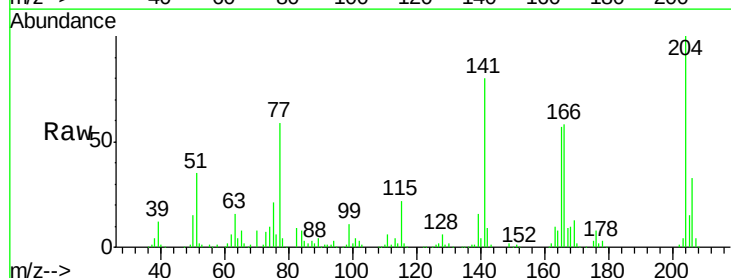
Manual Integrations
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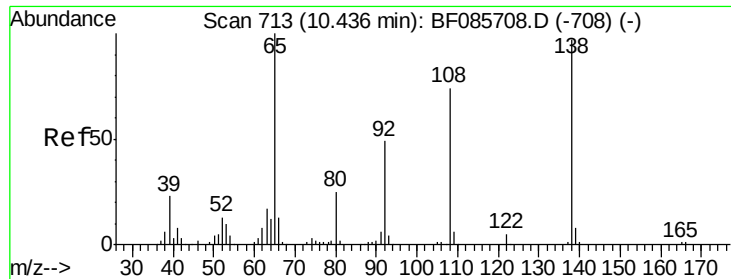
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 35.87 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	238531		
206	33.0	26.6	39.8	
141	79.7	57.4	86.0	





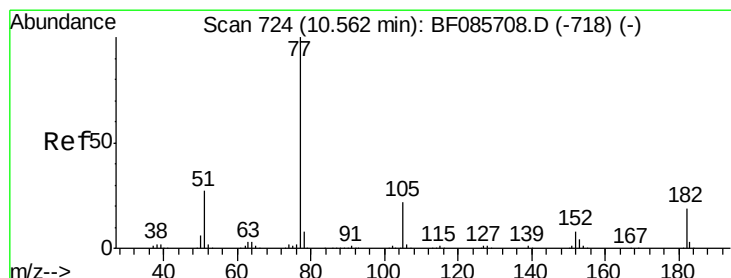
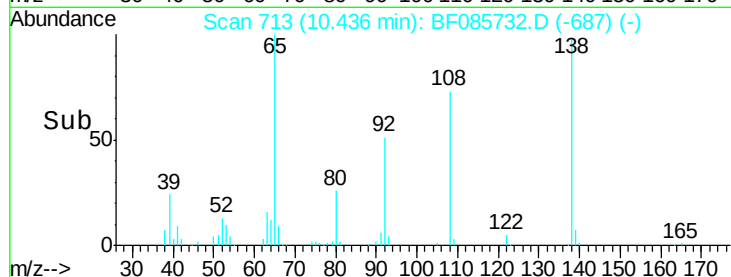
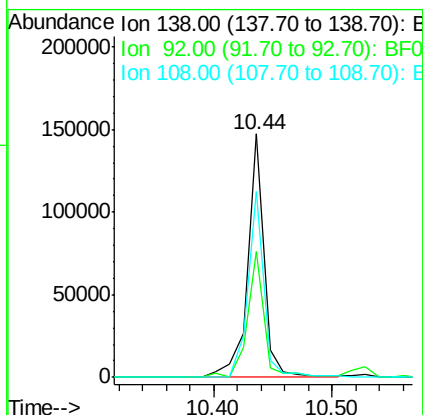
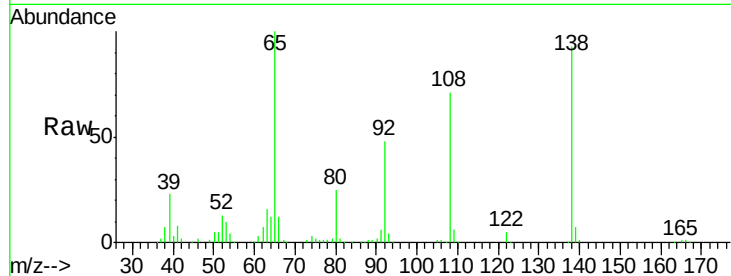
#61
4-Nitroaniline
Concen: 39.43 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	144318		
92	51.9	26.4	66.4	
108	76.5	49.0	89.0	

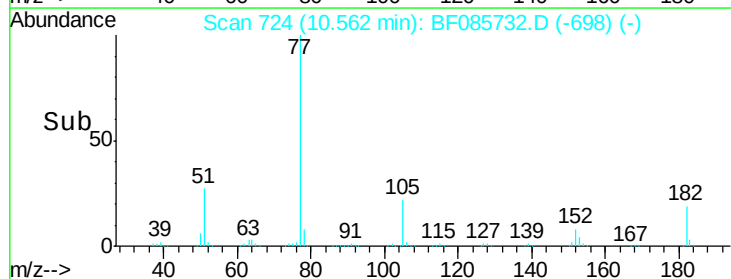
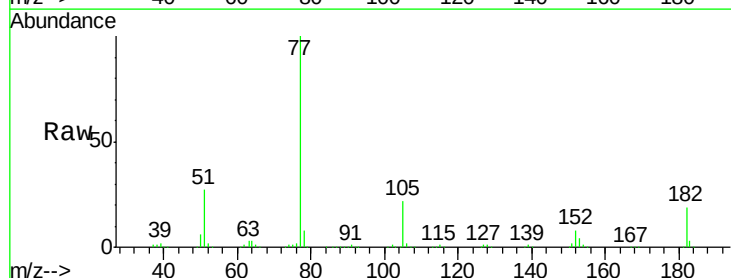
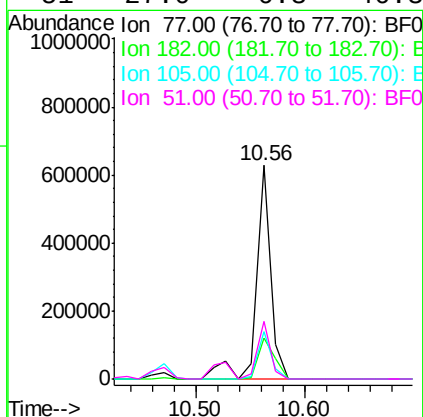
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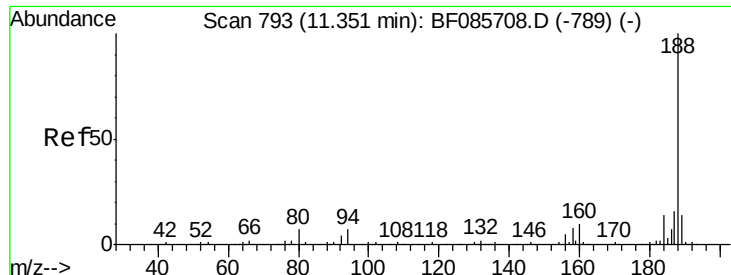
Sohil
3/25/2016 3:04:35 PM



#62
Azobenzene
Concen: 40.24 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	593361		
182	19.3	1.9	41.9	
105	22.2	3.5	43.5	
51	27.0	6.3	46.3	





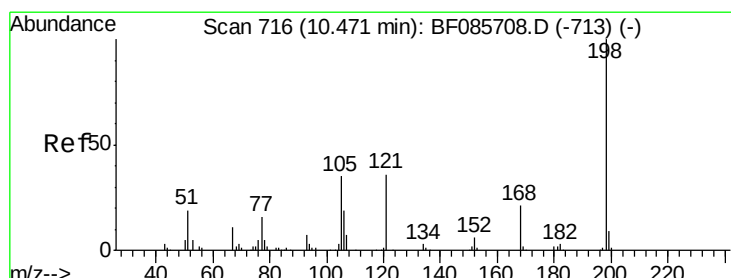
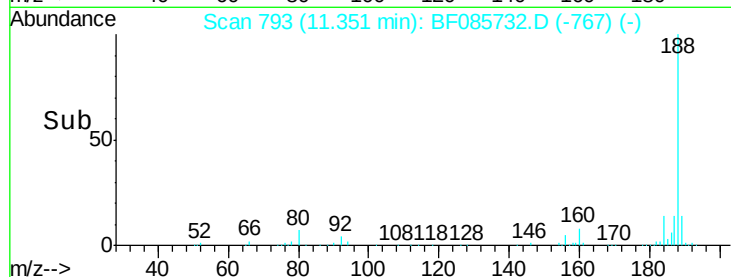
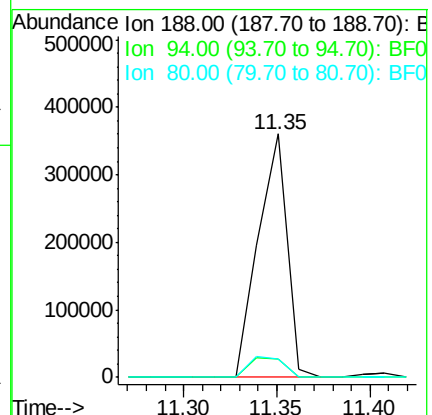
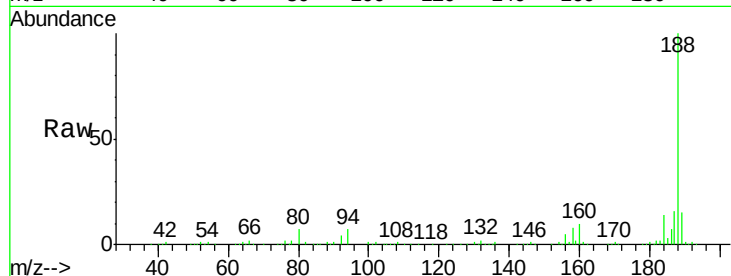
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.5	5.4	8.0
80	7.4	5.5	8.3

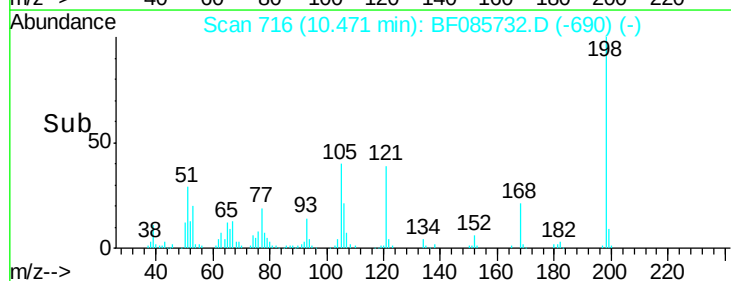
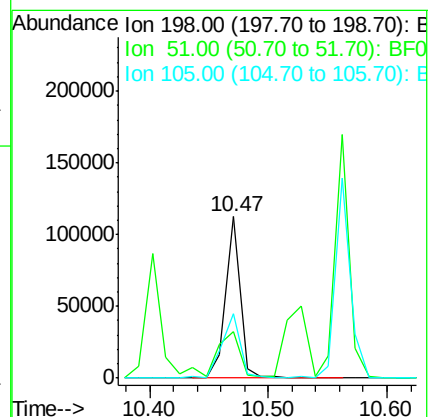
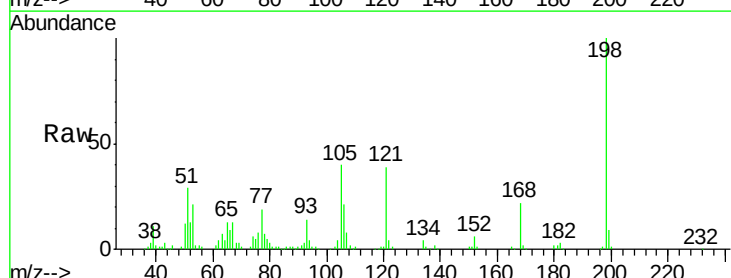
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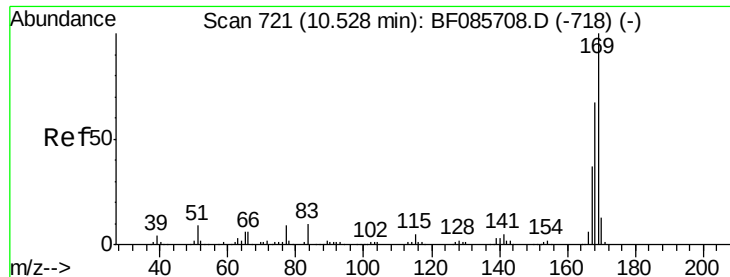
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.69 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	29.0	45.4	85.4#
105	40.2	45.9	85.9#





#65

n-Nitrosodiphenylamine

Concen: 41.43 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

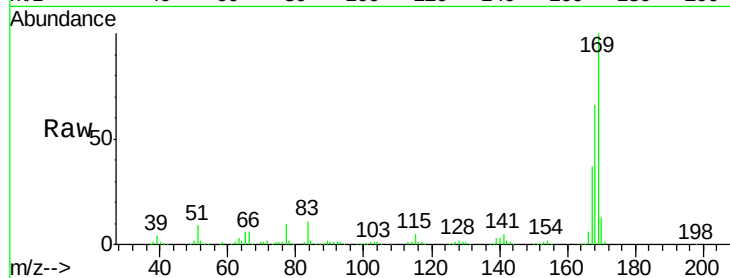
ClientSampleId :

SSTDCCC040EC

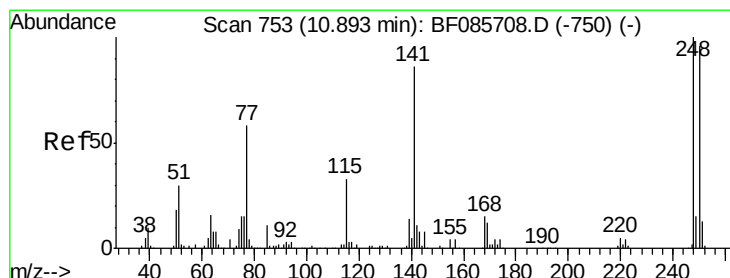
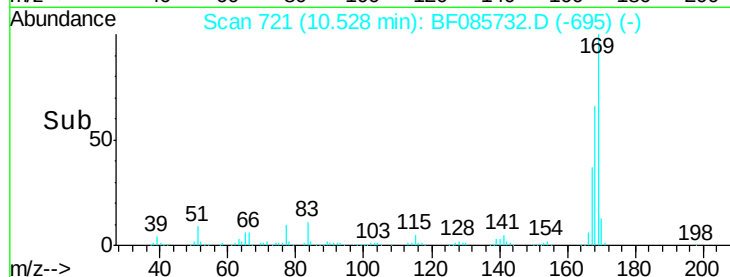
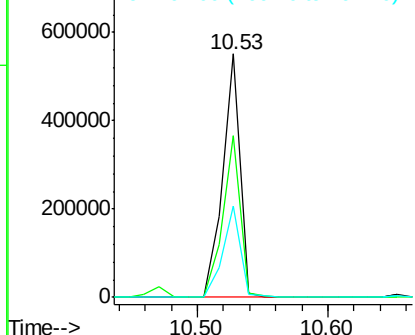
Tgt Ion:	169	Resp:	513055
Ion Ratio	Lower	Upper	
169	100		
168	66.3	54.4	81.6
167	37.3	29.4	44.0

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



#66

4-Bromophenyl-phenylether

Concen: 41.03 ng

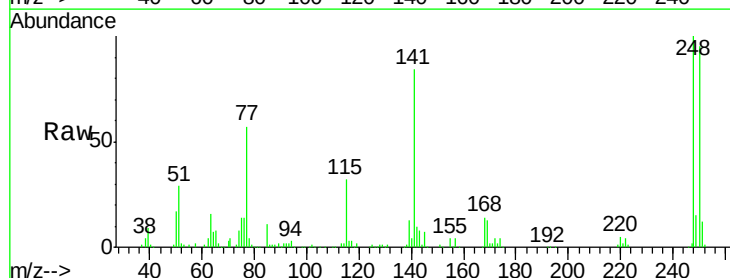
RT: 10.89 min Scan# 753

Delta R.T. -0.00 min

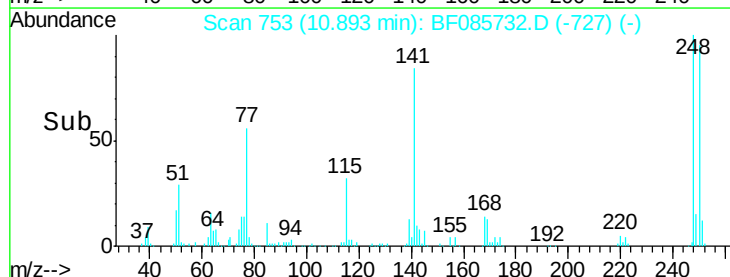
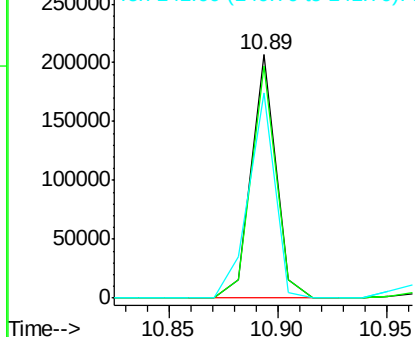
Lab File: BF085732.D

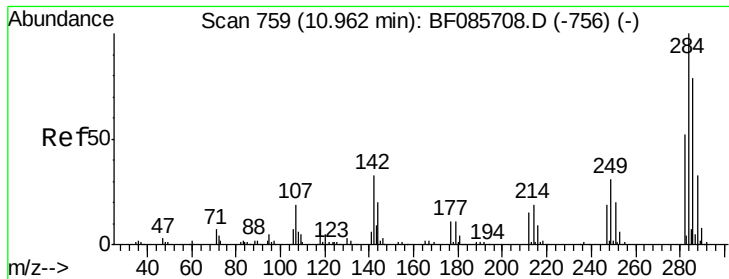
Acq: 24 Mar 2016 23:59

Tgt Ion:	248	Resp:	164126
Ion Ratio	Lower	Upper	
248	100		
250	95.1	77.4	116.0
141	84.3	63.6	95.4



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





#67

Hexachlorobenzene

Concen: 41.78 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF085732.D

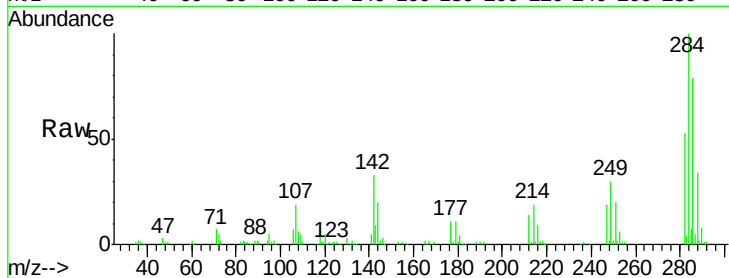
Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

ClientSampleId :

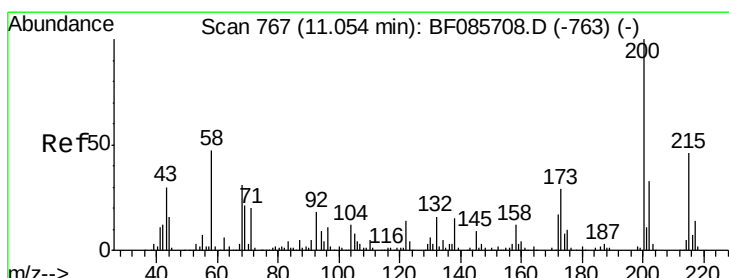
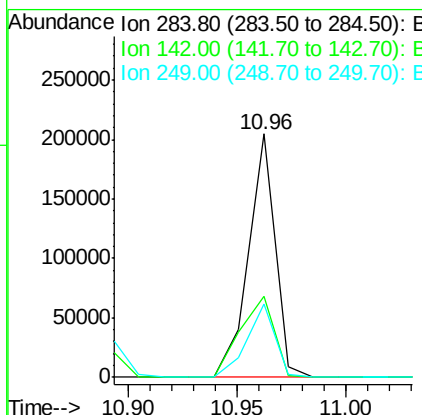
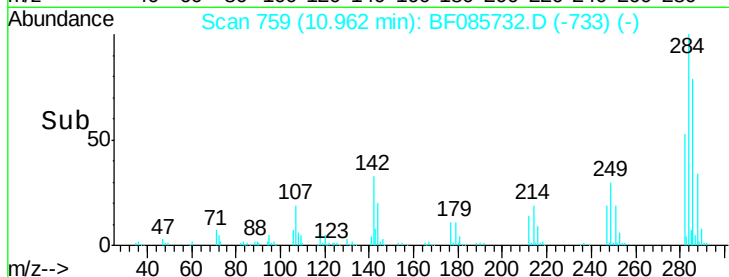
SSTDCCC040EC



Tgt Ion:	284	Resp:	174763
Ion Ratio	Lower	Upper	
284	100		
142	33.1	23.1	34.7
249	30.2	24.2	36.2

Manual Integrations
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#68

Atrazine

Concen: 38.01 ng

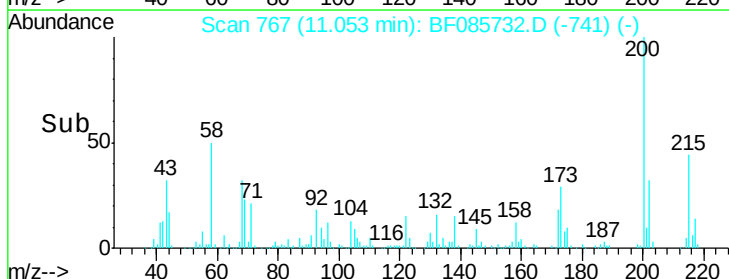
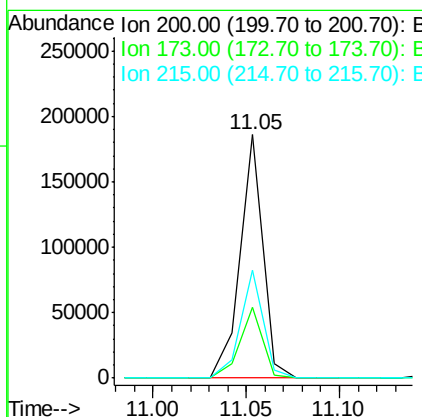
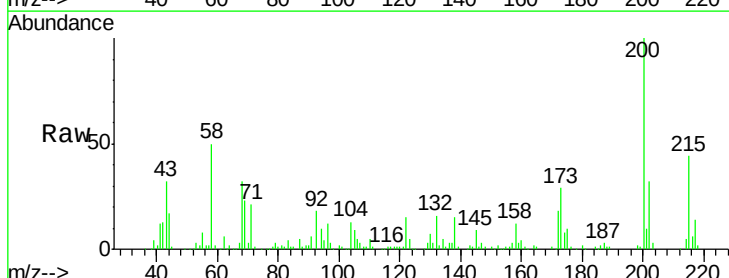
RT: 11.05 min Scan# 767

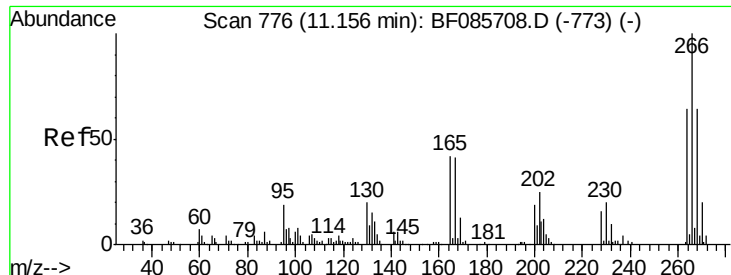
Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion:	200	Resp:	158918
Ion Ratio	Lower	Upper	
200	100		
173	28.9	7.7	47.7
215	44.2	25.4	65.4





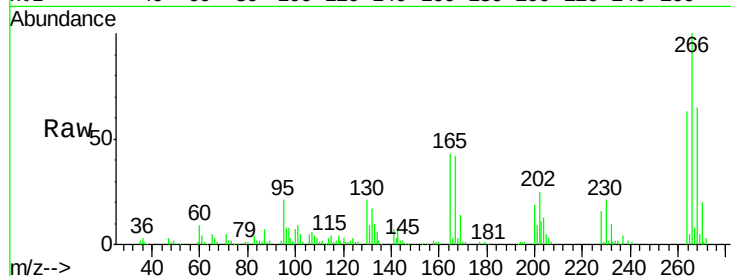
#69
 Pentachlorophenol
 Concen: 41.33 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	84878		
268	64.7	51.5	77.3	
264	62.6	50.6	76.0	

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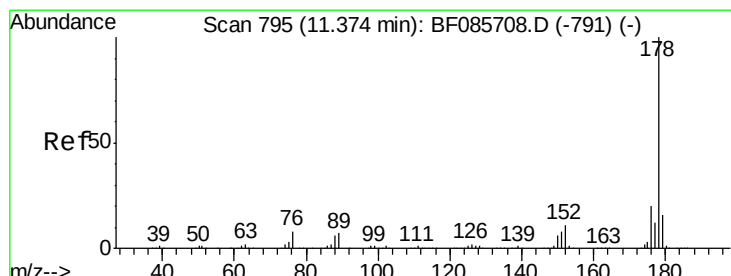
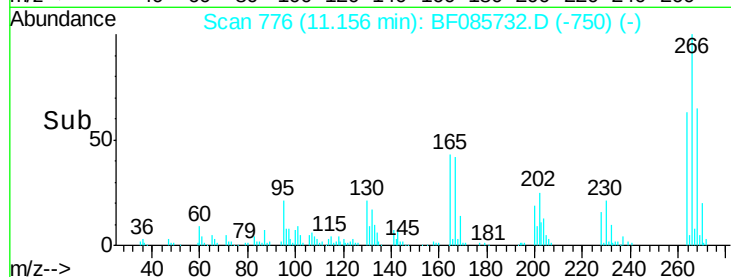
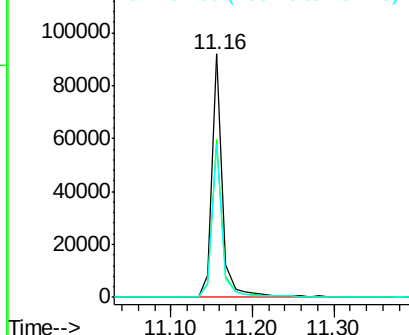


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.95 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

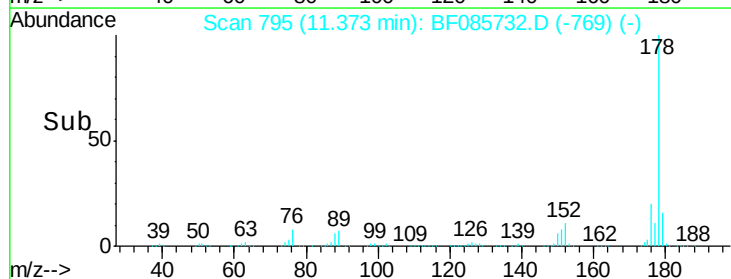
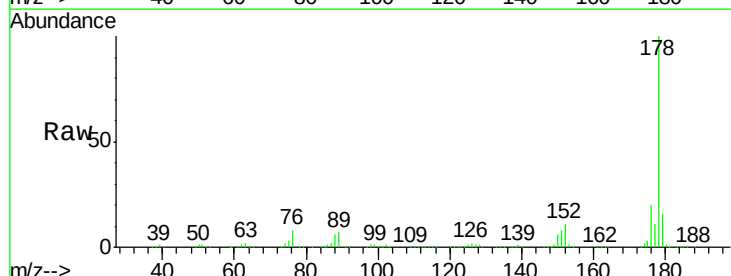
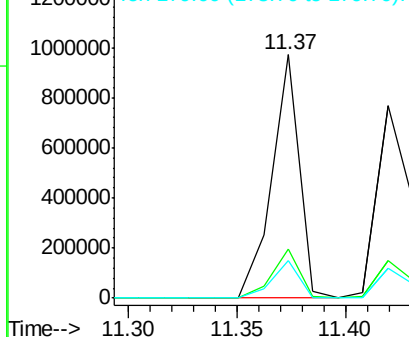
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	862206		
176	20.1	16.3	24.5	
179	15.6	12.6	18.8	

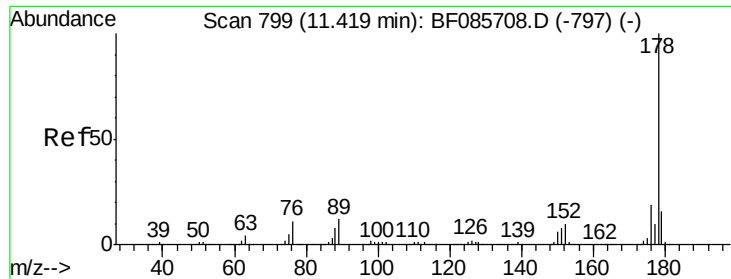
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





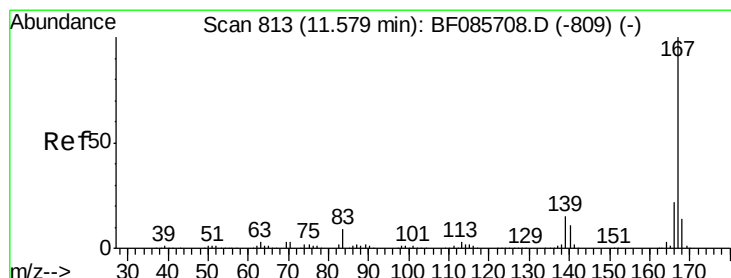
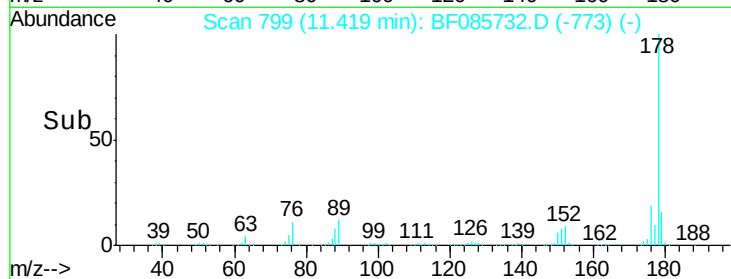
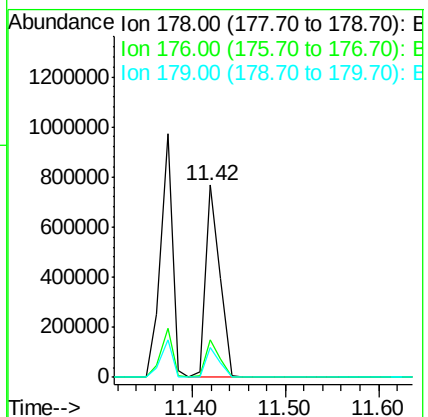
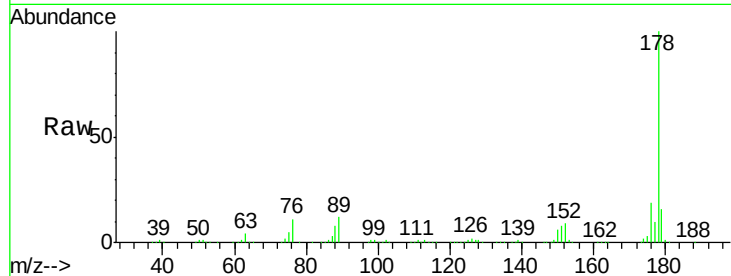
#71
 Anthracene
 Concen: 39.15 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.8	13.0	19.4

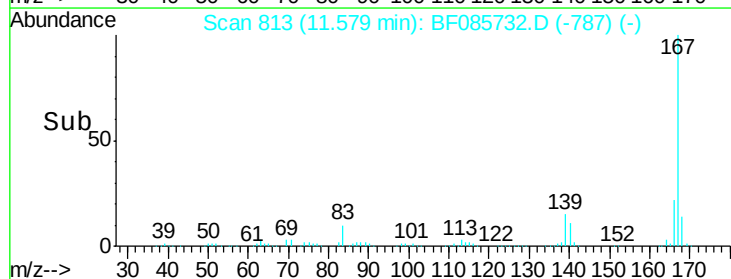
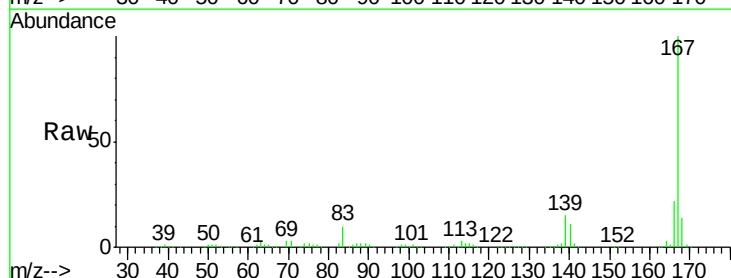
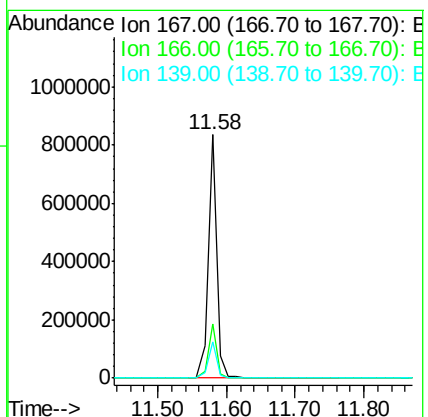
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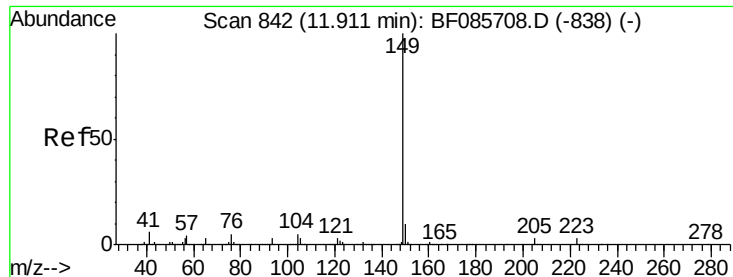
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#72
 Carbazole
 Concen: 40.55 ng
 RT: 11.58 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	14.8	11.6	17.4





#73

Di-n-butylphthalate

Concen: 40.12 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

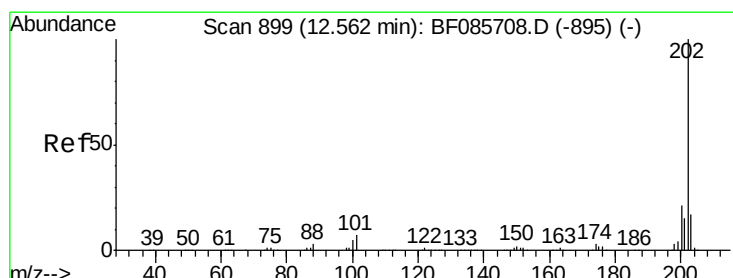
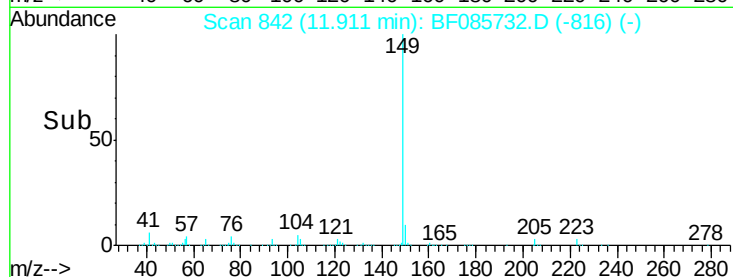
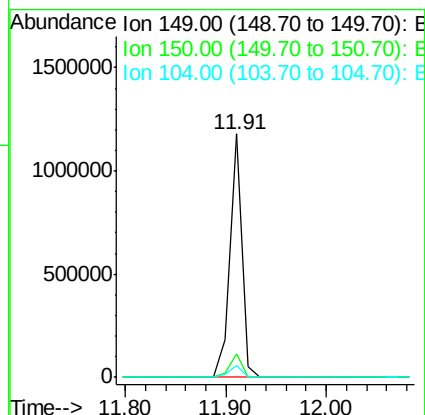
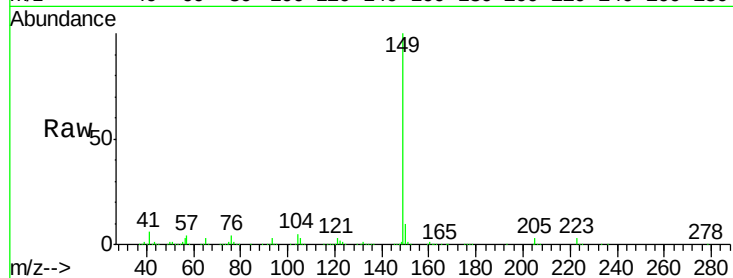
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	974122
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.6	11.4
104	5.0	3.8	5.8

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#74

Fluoranthene

Concen: 38.78 ng

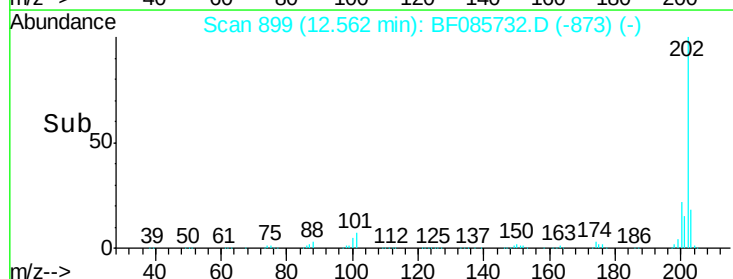
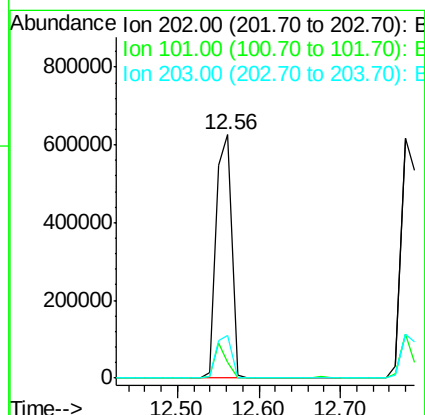
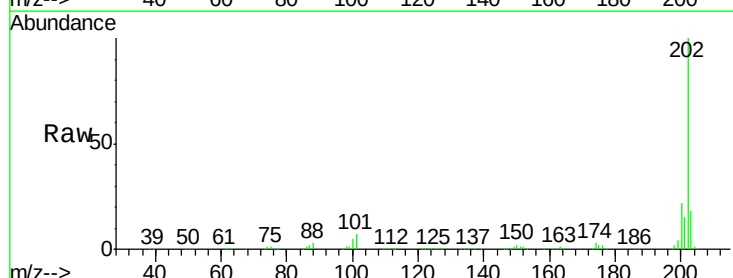
RT: 12.56 min Scan# 899

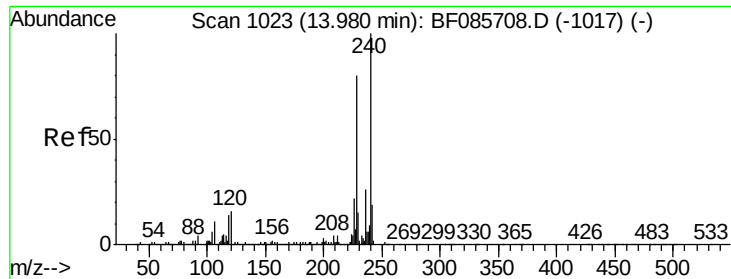
Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion:	202	Resp:	827443
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	36.6
203	17.6	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: BF085732.D

Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

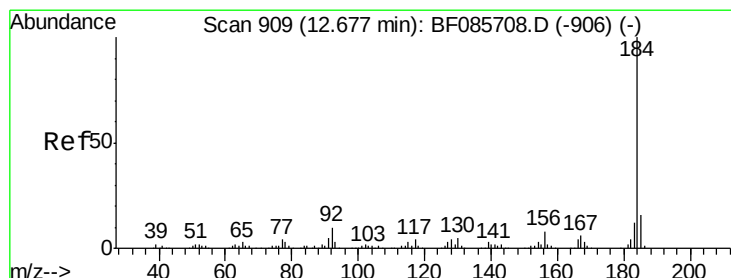
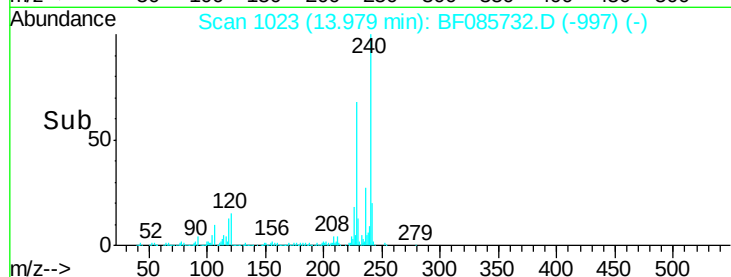
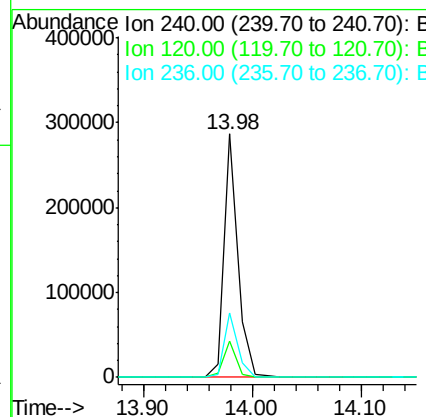
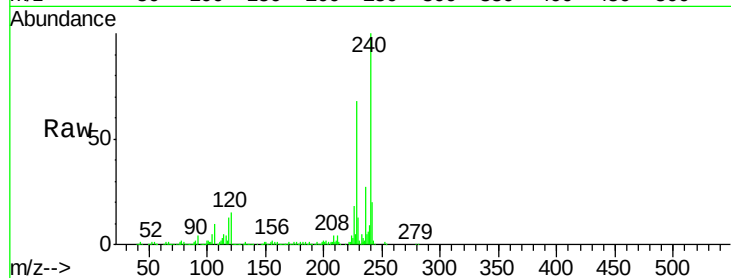
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	240	Resp:	256835
Ion Ratio		Lower	Upper
240	100		
120	15.1	13.8	20.8
236	26.7	20.6	30.8

Manual Integrations
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#76

Benzidine

Concen: 39.33 ng

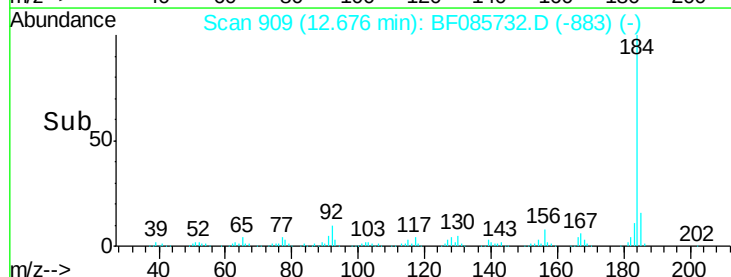
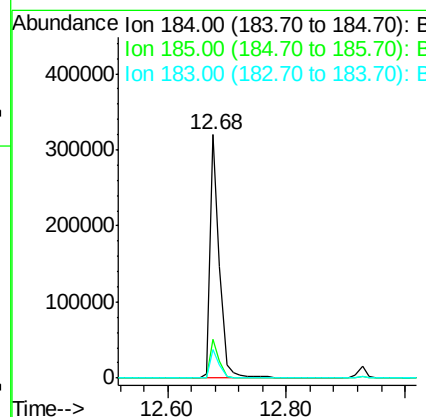
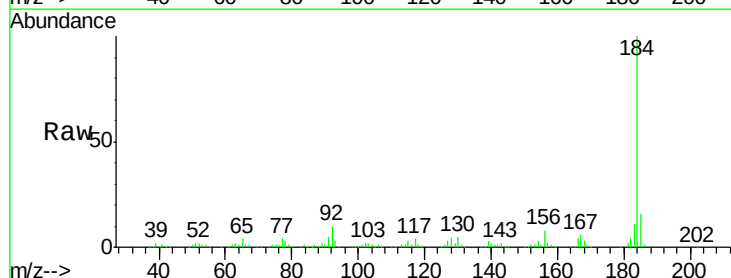
RT: 12.68 min Scan# 909

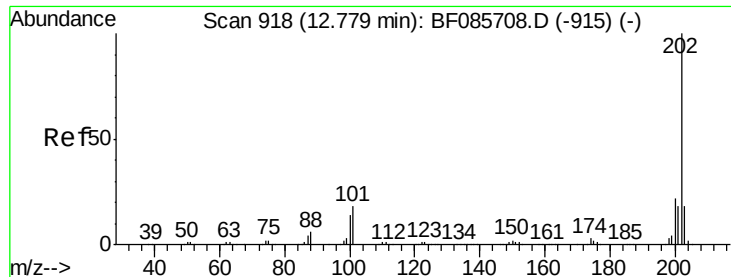
Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion:	184	Resp:	355752
Ion Ratio		Lower	Upper
184	100		
185	15.7	12.4	18.6
183	11.5	9.4	14.2





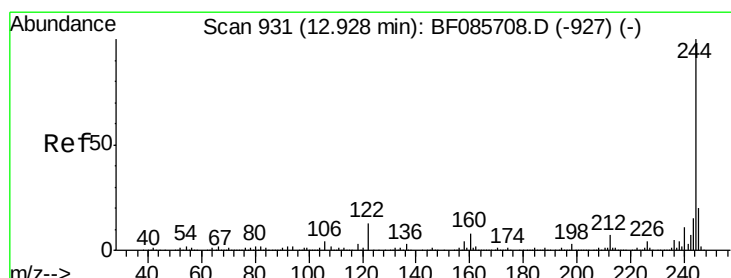
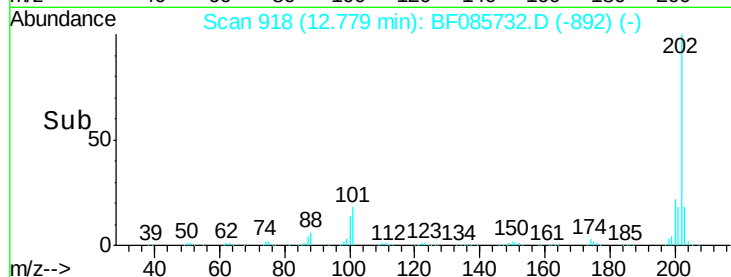
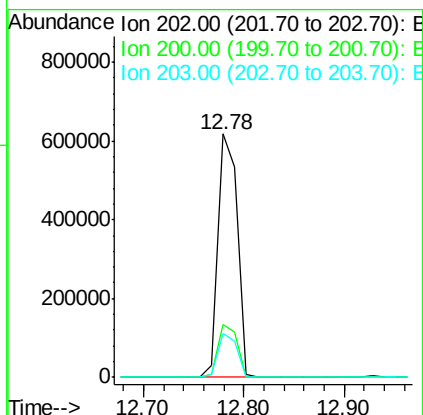
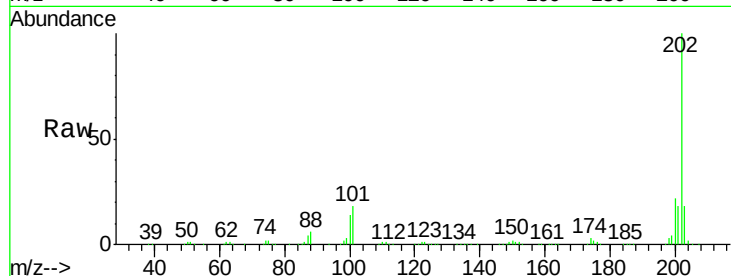
#77
Pyrene
 Concen: 38.84 ng
 RT: 12.78 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	17.6	26.4
203	18.2	14.0	21.0

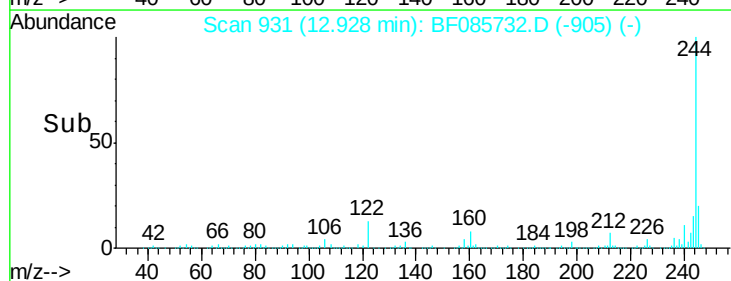
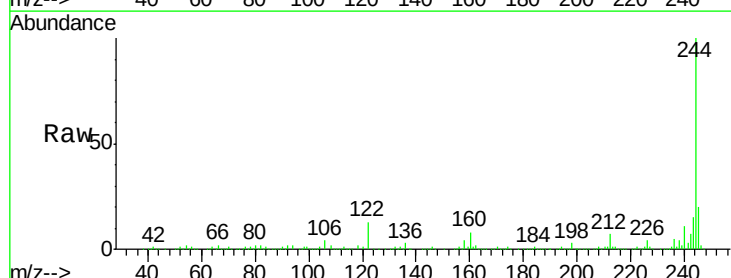
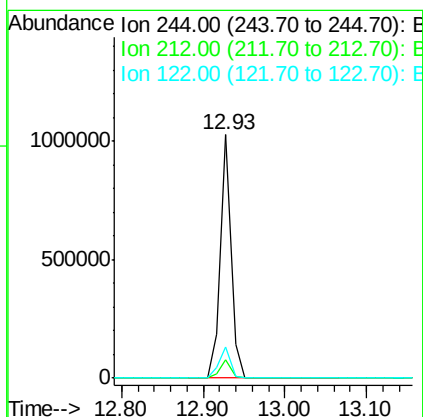
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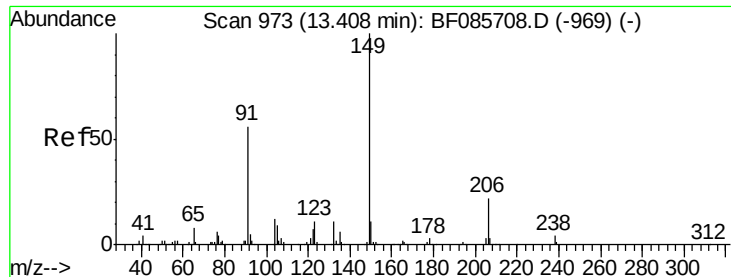
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#78
Terphenyl-d14
 Concen: 75.10 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.5	6.1	9.1
122	12.6	10.2	15.4





#79

Butylbenzylphthalate

Concen: 41.14 ng

RT: 13.41 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF085732.D

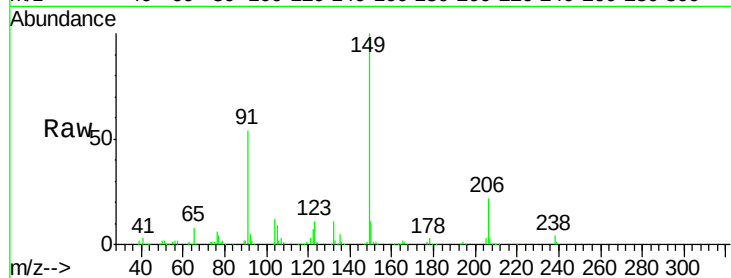
Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

ClientSampleId :

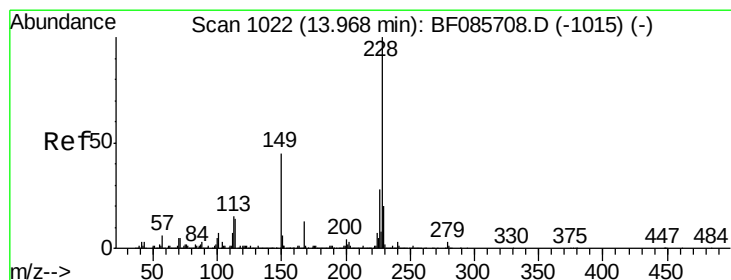
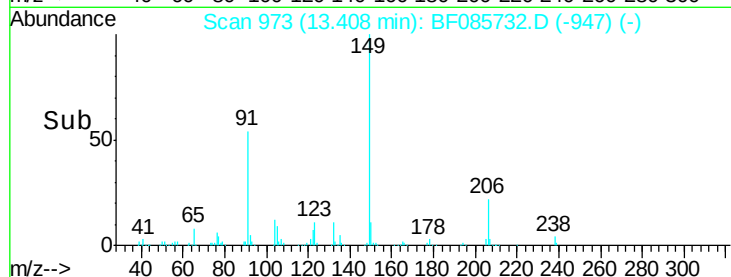
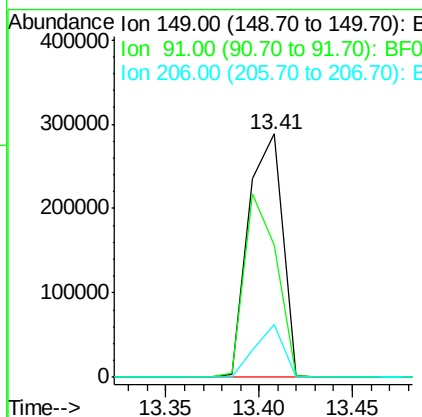
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	363706		
91	54.1	45.8	68.8	
206	21.8	17.8	26.8	

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#80

Benzo(a)anthracene

Concen: 38.83 ng

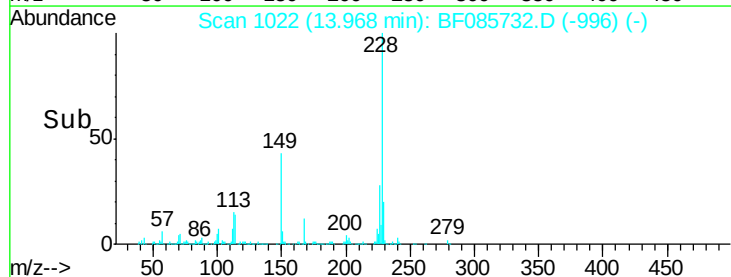
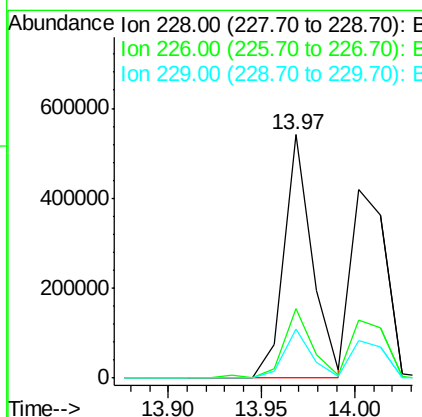
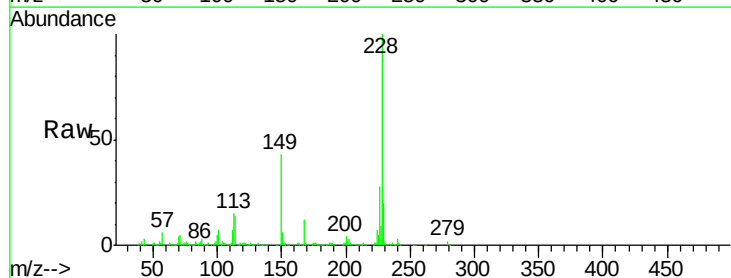
RT: 13.97 min Scan# 1022

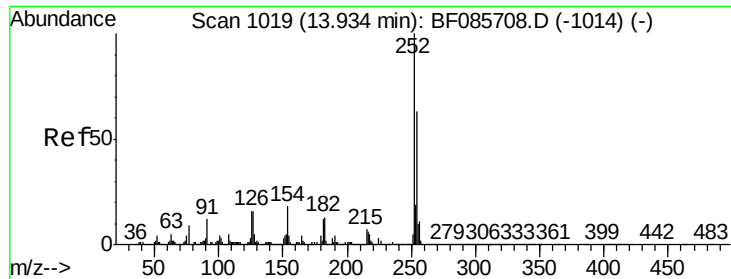
Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	568633		
226	28.3	22.1	33.1	
229	20.2	16.2	24.4	





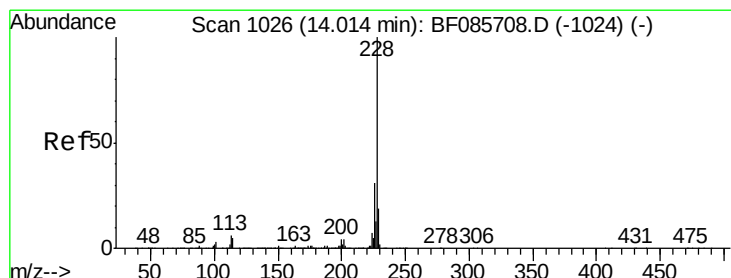
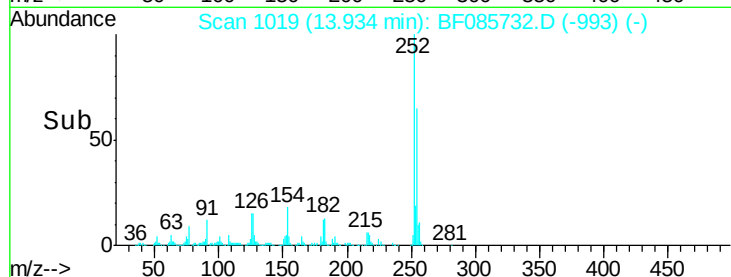
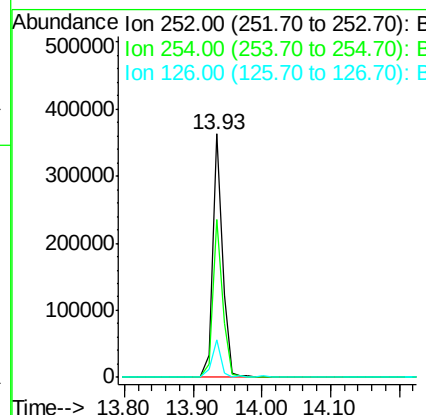
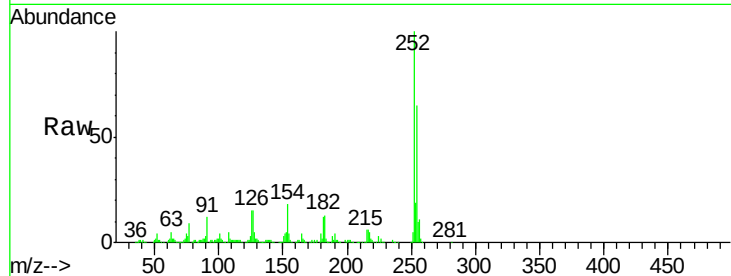
#81
 3,3'-Dichlorobenzidine
 Concen: 36.11 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	366982		
254	64.9	50.7	76.1	
126	15.3	11.8	17.6	

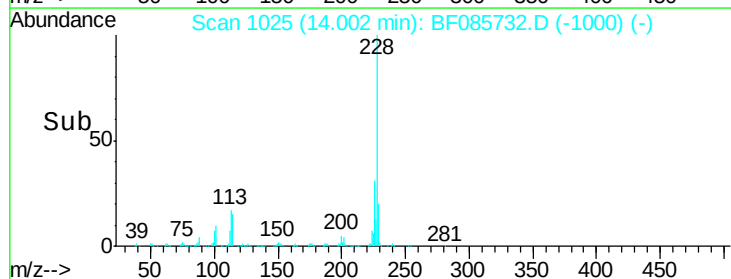
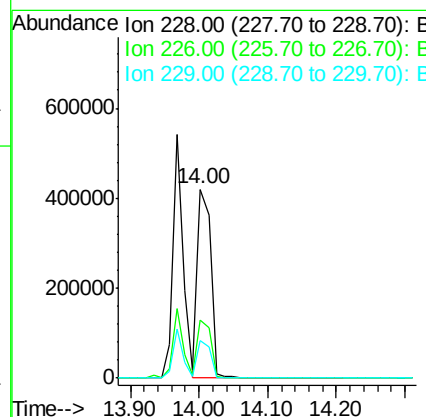
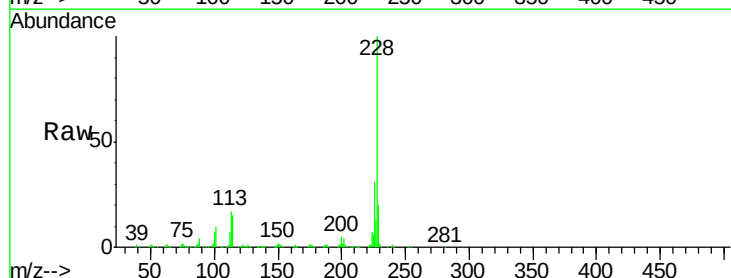
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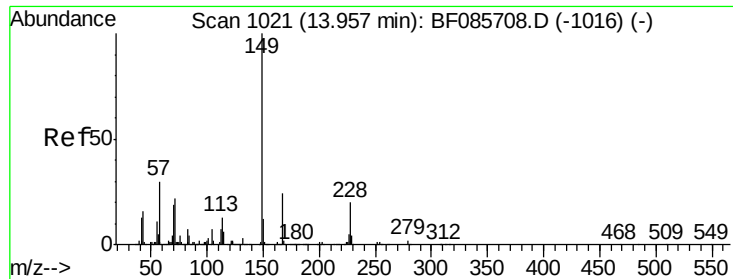
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#82
 Chrysene
 Concen: 37.50 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	553128		
226	30.8	25.0	37.6	
229	20.0	15.7	23.5	





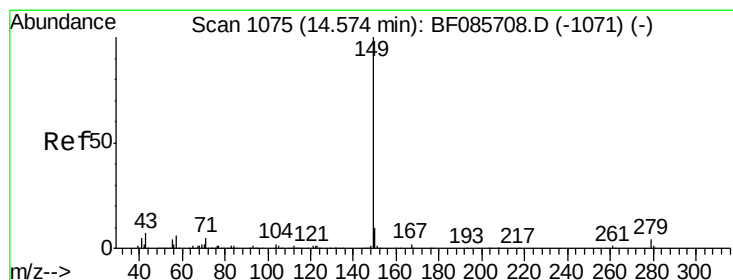
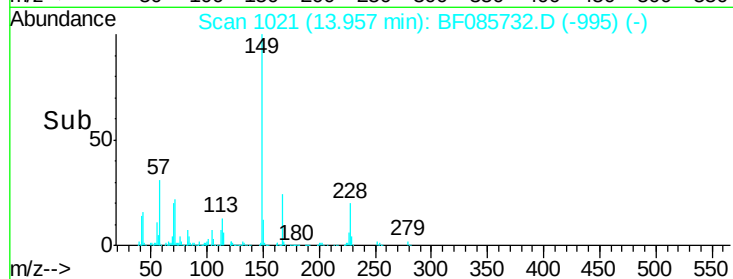
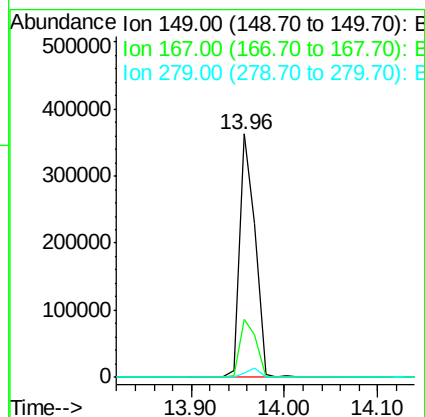
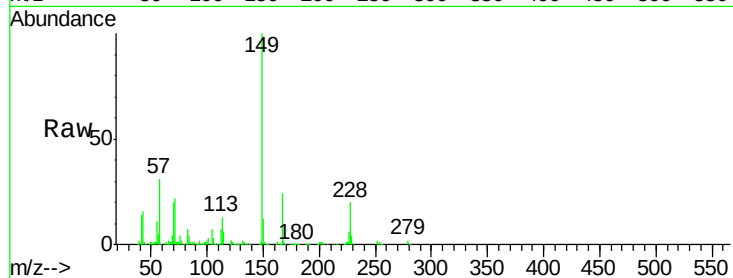
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.78 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	23.8	19.4	29.2
279	1.8	1.5	2.3

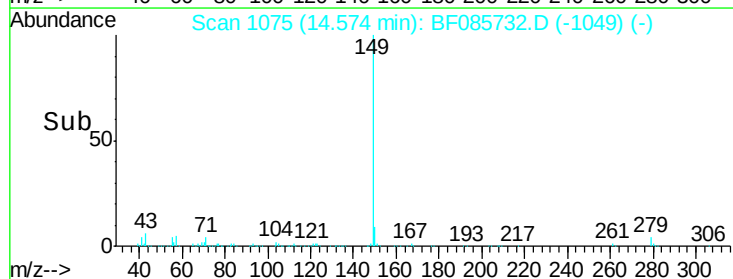
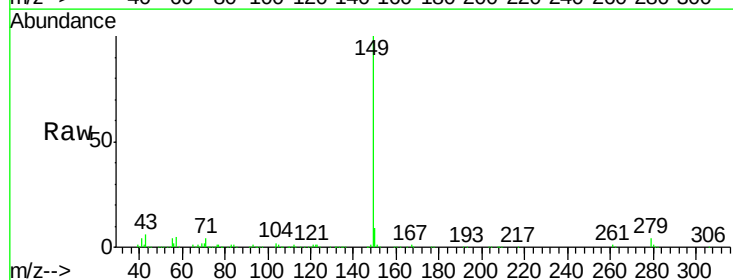
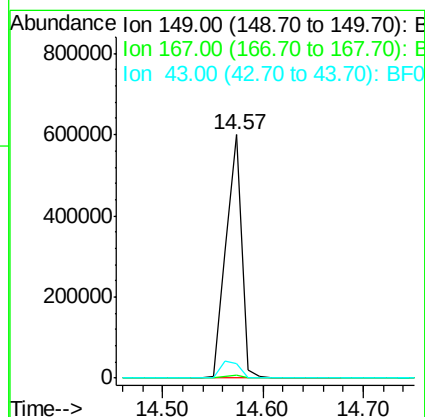
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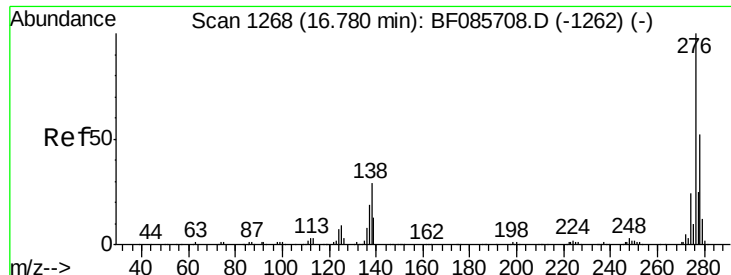
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#84
 Di-n-octyl phthalate
 Concen: 41.14 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.2	1.8
43	8.5	7.1	10.7





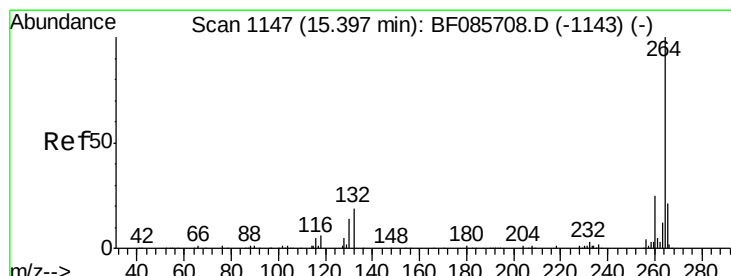
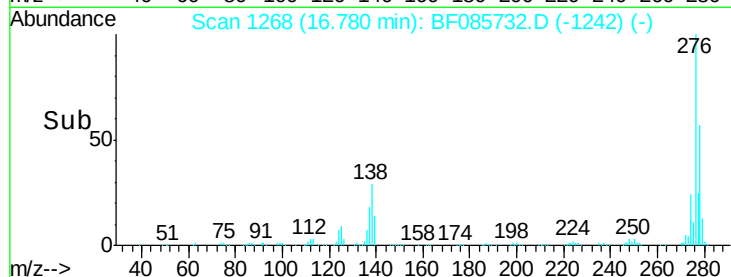
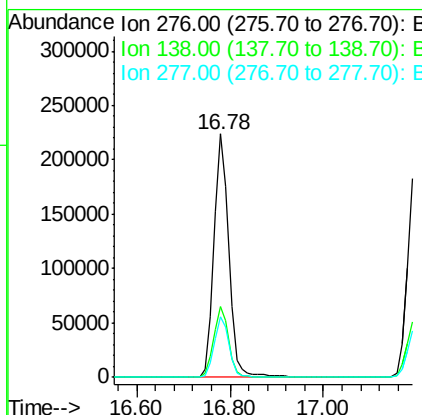
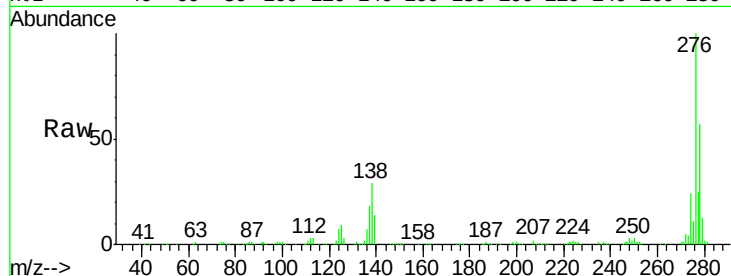
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.86 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	24.2	36.4
277	25.0	20.0	30.0

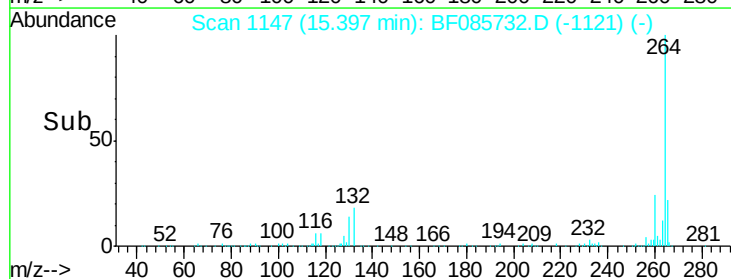
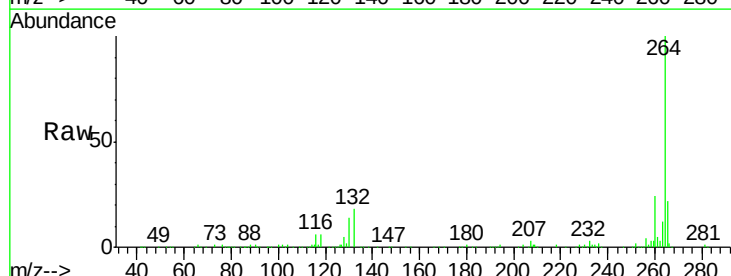
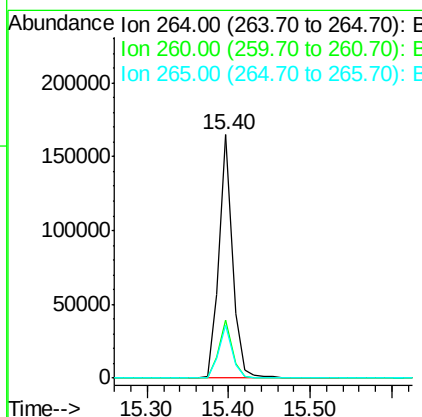
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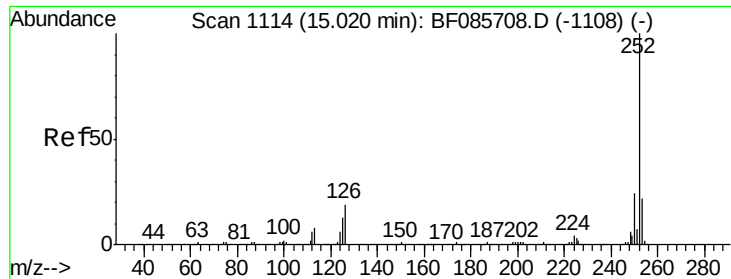
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.41 ng m

RT: 15.00 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF085732.D

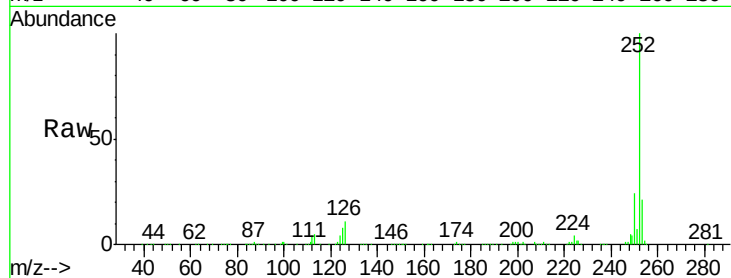
Acq: 24 Mar 2016 23:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:252 Resp: 522692

Ion Ratio Lower Upper

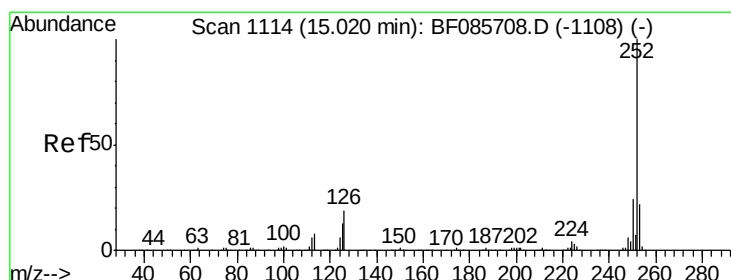
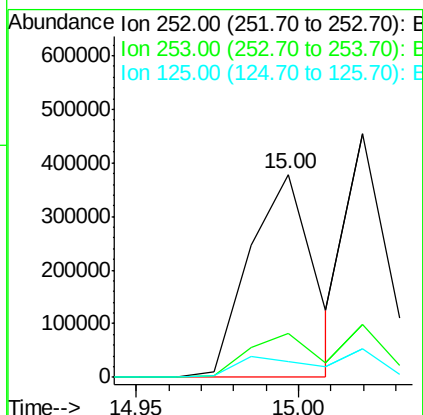
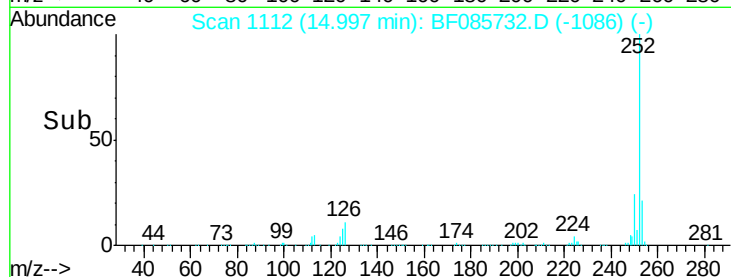
252 100

253 21.4 17.6 26.4

125 8.0 10.3 15.5#

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#88

Benzo(k)fluoranthene

Concen: 37.21 ng m

RT: 15.02 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF085732.D

Acq: 24 Mar 2016 23:59

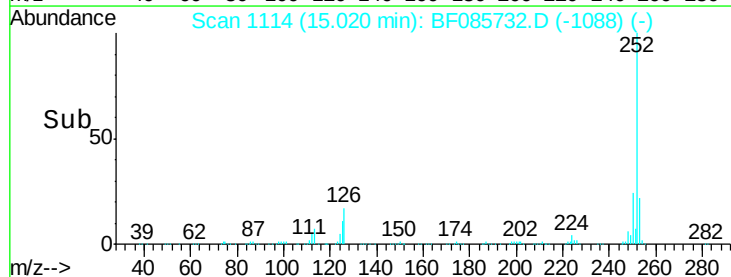
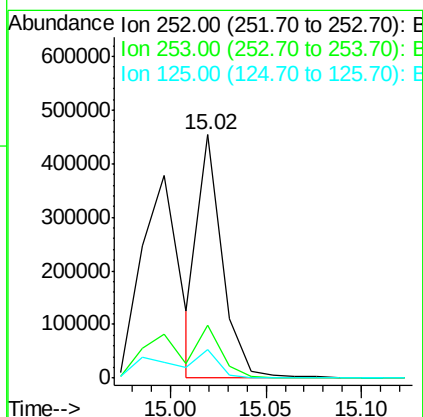
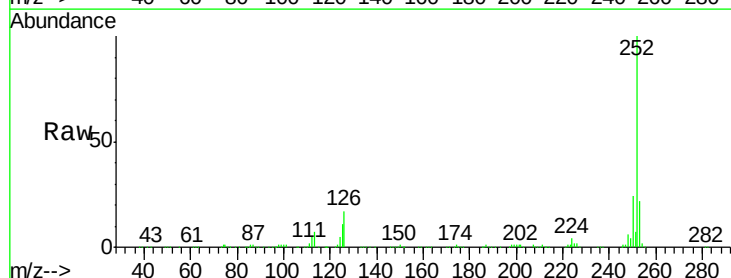
Tgt Ion:252 Resp: 404001

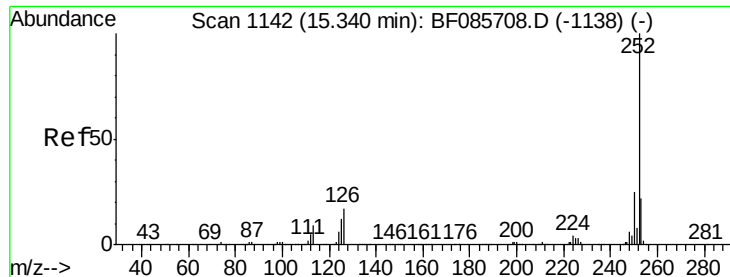
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 11.5 7.7 11.5





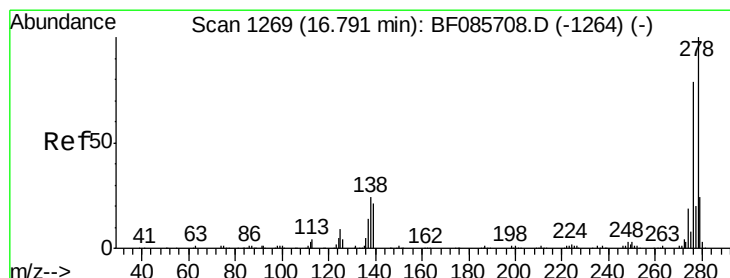
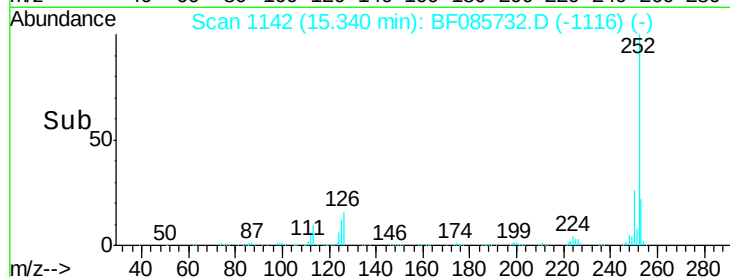
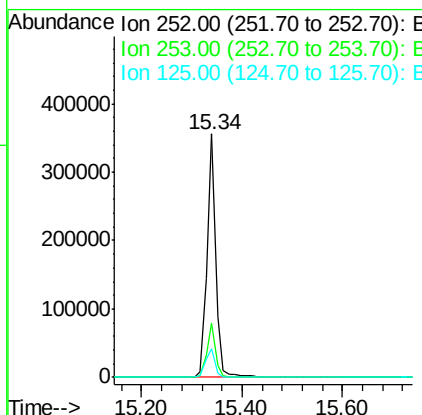
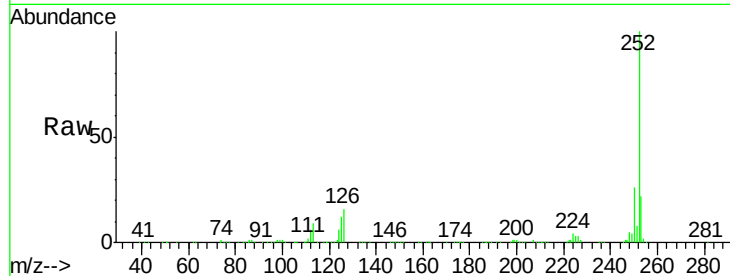
#89
Benzo(a)pyrene
Concen: 40.44 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.9	10.3	15.5

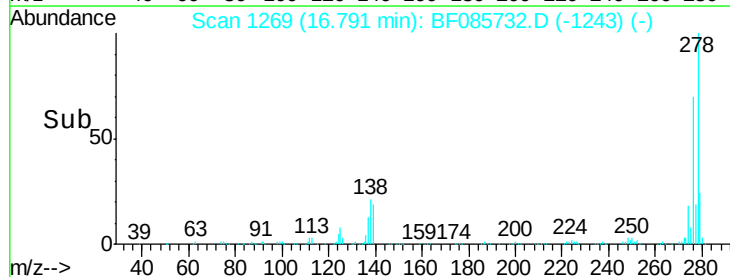
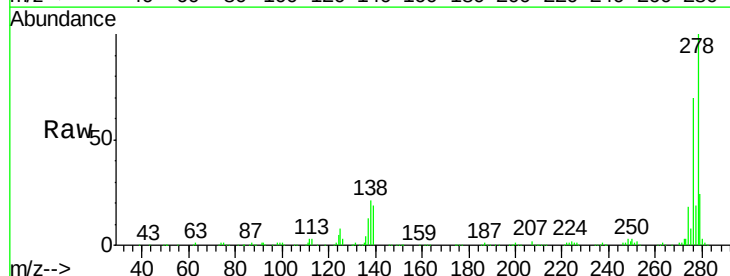
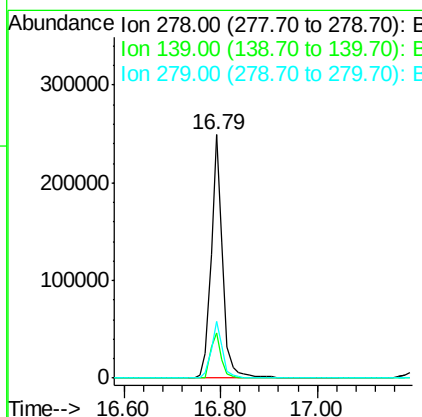
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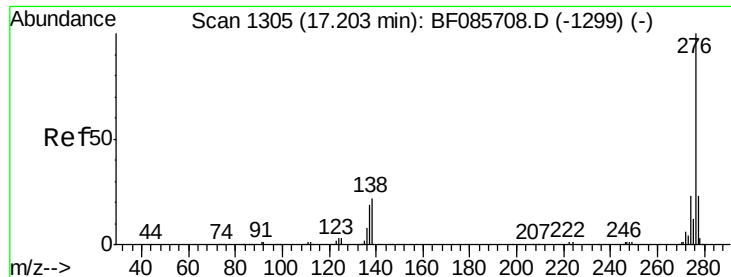
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#90
Dibenzo(a,h)anthracene
Concen: 42.36 ng
RT: 16.79 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF085732.D
Acq: 24 Mar 2016 23:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.4	21.6
279	23.5	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 42.25 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085732.D
 Acq: 24 Mar 2016 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	22.5	22.6	34.0

Manual Integrations
 APPROVED

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