

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085642.D
 Acq On : 22 Mar 2016 2:31
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/22/2016 5:34:35 PM

Quant Time: Mar 22 05:23:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	180832	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	678249	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	296661	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	447841	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	344151	20.00	ng	-0.01
86) Perylene-d12	15.42	264	345450	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	891405	82.80	ng	-0.01
7) Phenol-d6	6.48	99	1027744	74.43	ng	-0.01
23) Nitrobenzene-d5	7.42	82	934764	80.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	217615	74.89	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1552980	90.87	ng	-0.01
78) Terphenyl-d14	12.95	244	1067995	74.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	211619	40.44	ng	100
3) Pyridine	3.14	79	569431	44.31	ng	98
4) n-Nitrosodimethylamine	3.11	42	207754	38.73	ng	99
6) Aniline	6.50	93	722410	38.95	ng	# 80
8) 2-Chlorophenol	6.63	128	485626	38.99	ng	97
9) Benzaldehyde	6.39	77	265967	41.35	ng	100
10) Phenol	6.49	94	535244	34.03	ng	85
11) bis(2-Chloroethyl)ether	6.58	93	446200	37.63	ng	98
12) 1,3-Dichlorobenzene	6.79	146	547212	40.32	ng	100
13) 1,4-Dichlorobenzene	6.86	146	515169	37.21	ng	99
14) 1,2-Dichlorobenzene	7.02	146	489519	39.83	ng	99
15) Benzyl Alcohol	7.00	79	366485	38.75	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	615263	39.46	ng	95
17) 2-Methylphenol	7.11	107	418461	40.53	ng	99
18) Hexachloroethane	7.36	117	195235	39.06	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	296626	35.96	ng	94
20) 3+4-Methylphenols	7.26	107	412154	34.47	ng	94
22) Acetophenone	7.26	105	605407	37.61	ng	# 100
24) Nitrobenzene	7.43	77	491259	38.41	ng	97
25) Isophorone	7.67	82	957638	40.94	ng	100
26) 2-Nitrophenol	7.75	139	278269	44.02	ng	98
27) 2,4-Dimethylphenol	7.80	122	453814	40.60	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	572712	43.04	ng	99
29) 2,4-Dichlorophenol	7.99	162	347545	37.65	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	400801	38.76	ng	99
31) Naphthalene	8.15	128	1218199	35.58	ng	100
32) Benzoic acid	7.93	122	277101m	29.65	ng	
33) 4-Chloroaniline	8.21	127	567906	40.47	ng	99
34) Hexachlorobutadiene	8.28	225	223430	40.55	ng	99
35) Caprolactam	8.60	113	125042	39.37	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	378893	35.14	ng	96
37) 2-Methylnaphthalene	8.85	142	844765	40.48	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	348297	38.70	ng	99
40) Hexachlorocyclopentadiene	9.00	237	69236	17.07	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	234255	38.03	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	255420	40.74	ng	96
45) 1,1'-Biphenyl	9.30	154	959333	37.49	ng	98
46) 2-Chloronaphthalene	9.34	162	770890	41.24	ng	98
47) 2-Nitroaniline	9.43	65	233539	41.30	ng	100
48) Acenaphthylene	9.75	152	1212131	40.07	ng	100
49) Dimethylphthalate	9.61	163	879041	39.27	ng	100
50) 2,6-Dinitrotoluene	9.67	165	176804	37.41	ng	95
51) Acenaphthene	9.92	154	728850	38.39	ng	99
52) 3-Nitroaniline	9.84	138	204244	34.51	ng	100
53) 2,4-Dinitrophenol	9.94	184	35312	12.20	ng	91
54) Dibenzofuran	10.09	168	918287	39.72	ng	96
55) 4-Nitrophenol	10.00	139	135995	29.73	ng	94
56) 2,4-Dinitrotoluene	10.08	165	244331	39.49	ng	94
57) Fluorene	10.44	166	737068	38.25	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	158842	35.19	ng	98
59) Diethylphthalate	10.31	149	899352	40.41	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	363255	38.61	ng	92
61) 4-Nitroaniline	10.46	138	215468	36.93	ng	96
62) Azobenzene	10.58	77	814000	38.11	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	63111	22.02	ng	99
65) n-Nitrosodiphenylamine	10.54	169	637625	45.71	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	225196	50.34	ng	# 91
67) Hexachlorobenzene	10.98	284	215957	45.44	ng	# 89
68) Atrazine	11.08	200	182600	42.99	ng	94
69) Pentachlorophenol	11.17	266	100060	34.67	ng	99
70) Phenanthrene	11.40	178	966875	40.95	ng	99
71) Anthracene	11.44	178	923748	37.31	ng	100
72) Carbazole	11.60	167	821753	38.47	ng	97
73) Di-n-butylphthalate	11.93	149	1158530	43.31	ng	98
74) Fluoranthene	12.57	202	795294	32.17	ng	97
76) Benzidine	12.70	184	378579	32.71	ng	98
77) Pyrene	12.80	202	798071	32.30	ng	99
79) Butylbenzylphthalate	13.42	149	385801	32.75	ng	# 76
80) Benzo(a)anthracene	13.99	228	759959	38.04	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	299555	40.91	ng	# 96
82) Chrysene	14.03	228	639545	33.27	ng	100
83) Bis(2-ethylhexyl)phthalate	13.98	149	501675	34.28	ng	# 98
84) Di-n-octyl phthalate	14.60	149	985019	41.31	ng	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	789124	49.13	ng	99
87) Benzo(b)fluoranthene	15.02	252	829209	36.79	ng	# 97
88) Benzo(k)fluoranthene	15.04	252	735513m	39.61	ng	
89) Benzo(a)pyrene	15.36	252	776335	40.63	ng	98
90) Dibenzo(a,h)anthracene	16.84	278	676095	42.42	ng	99
91) Benzo(g,h,i)perylene	17.24	276	607315	39.37	ng	98

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

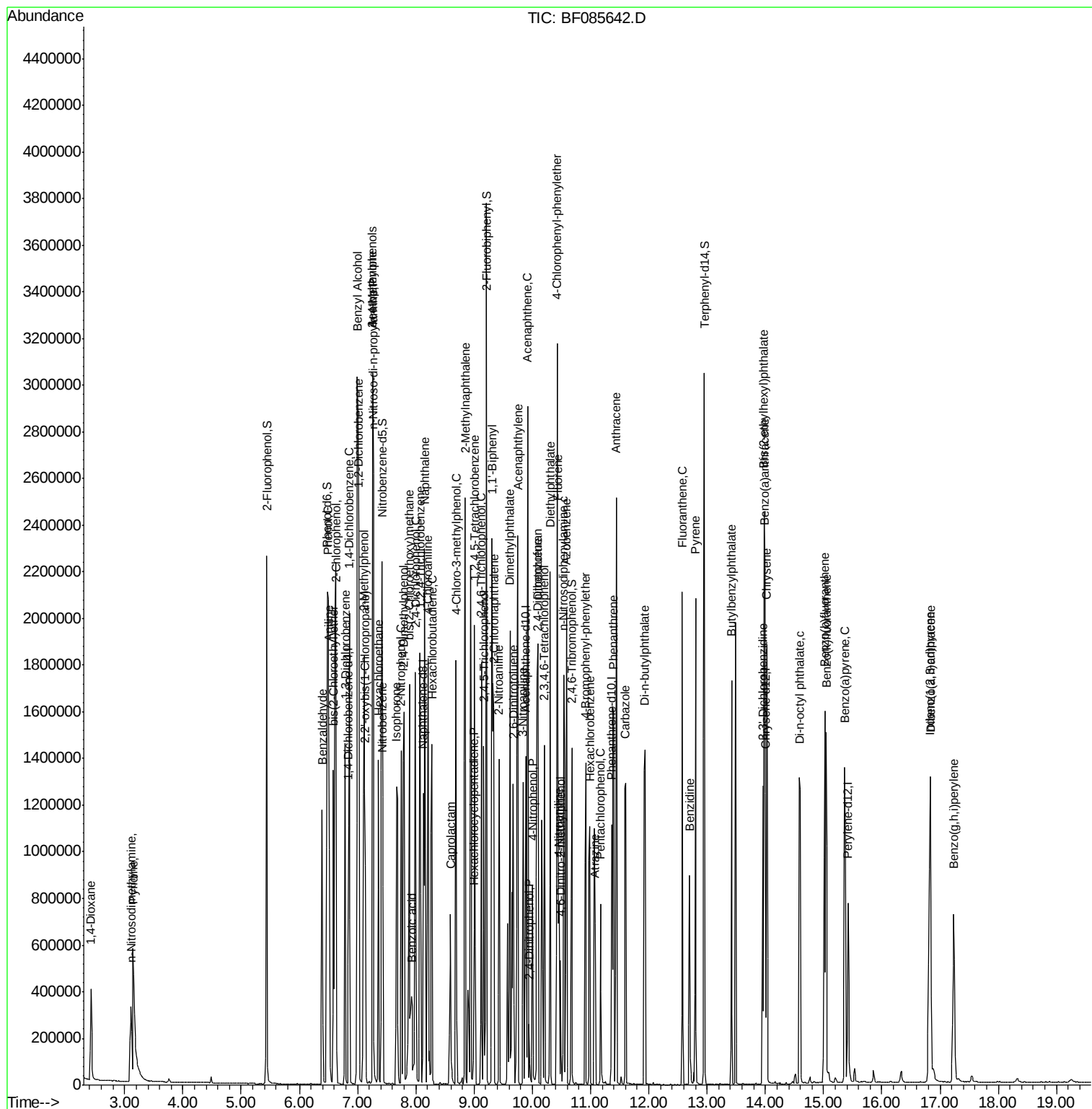
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\  
Data File : BF085642.D  
Acq On    : 22 Mar 2016    2:31  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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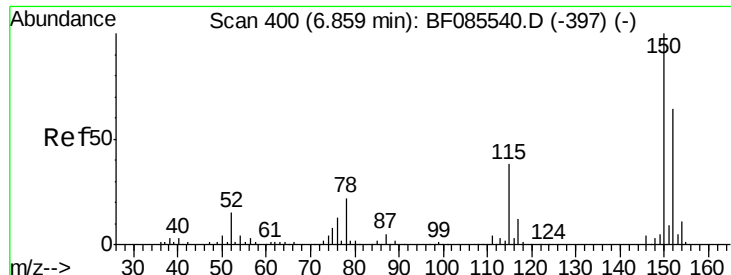
Instrument :
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ClientSampleId :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

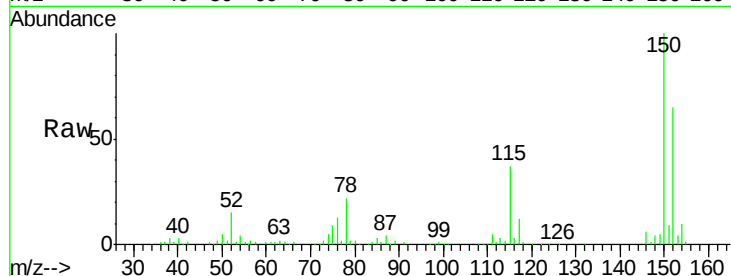
ClientSampleId :

SSTDCCC040

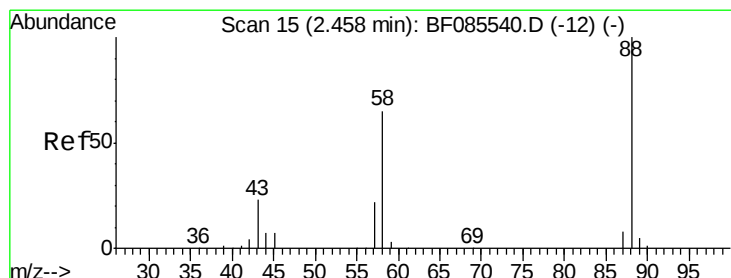
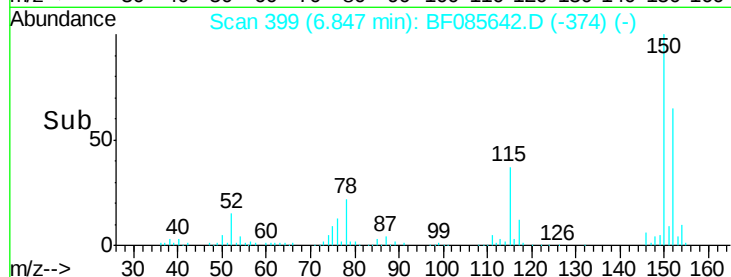
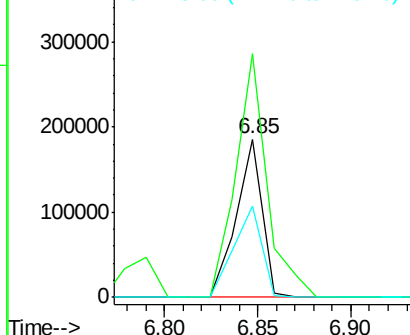
Tgt Ion:	152	Resp:	180832
Ion Ratio	Lower	Upper	
152	100		
150	153.7	124.2	186.2
115	57.4	47.0	70.6

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



#2

1,4-Dioxane

Concen: 40.44 ng

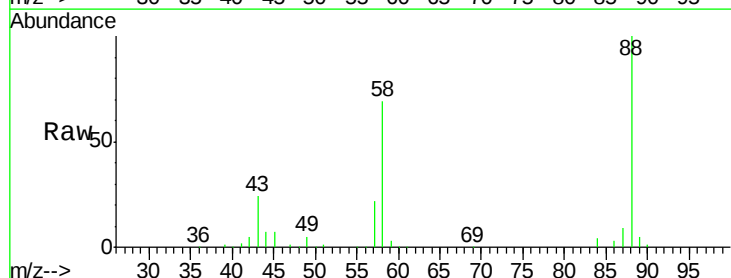
RT: 2.42 min Scan# 12

Delta R.T. -0.03 min

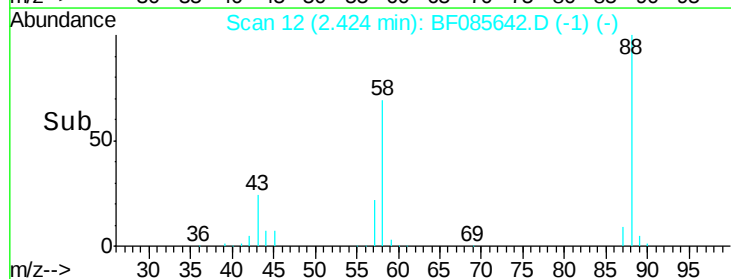
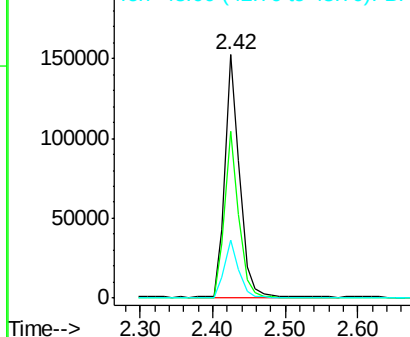
Lab File: BF085642.D

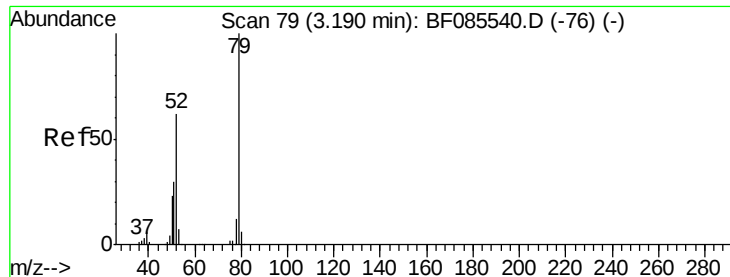
Acq: 22 Mar 2016 2:31

Tgt Ion:	88	Resp:	211619
Ion Ratio	Lower	Upper	
88	100		
58	67.7	54.2	81.2
43	24.3	19.3	28.9



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





#3

Pyridine

Concen: 44.31 ng

RT: 3.14 min Scan# 75

Delta R.T. -0.05 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

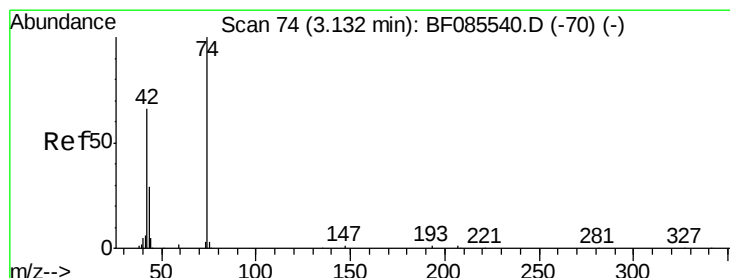
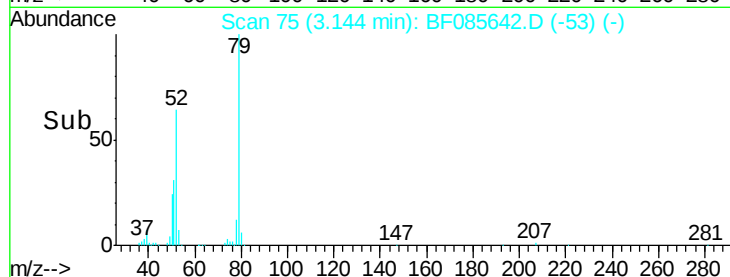
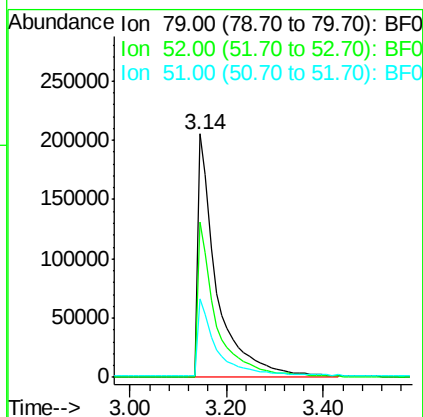
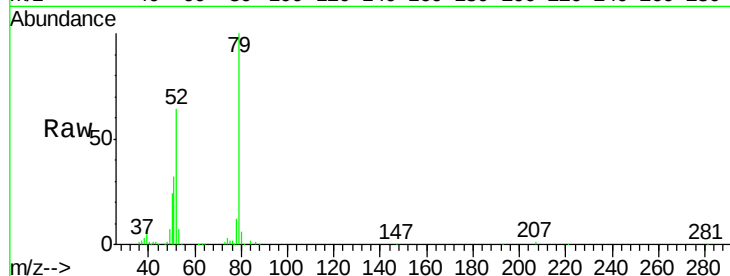
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	569431
Ion	Ratio	Lower	Upper
79	100		
52	63.9	49.8	74.6
51	32.0	24.7	37.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.73 ng

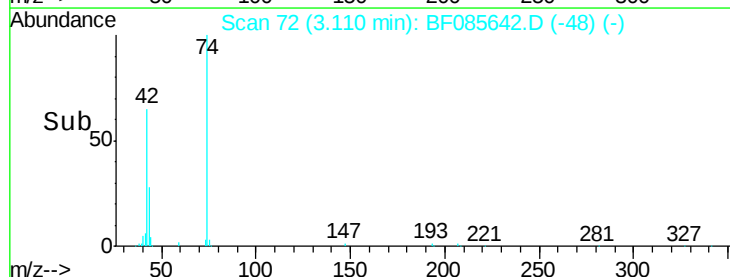
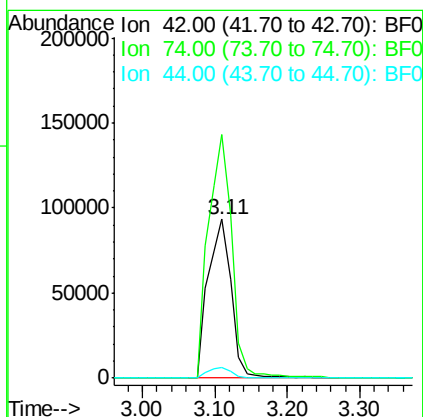
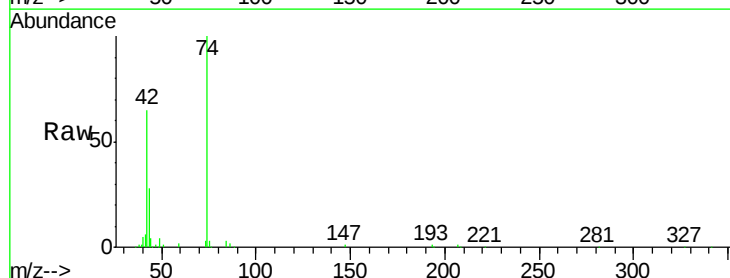
RT: 3.11 min Scan# 72

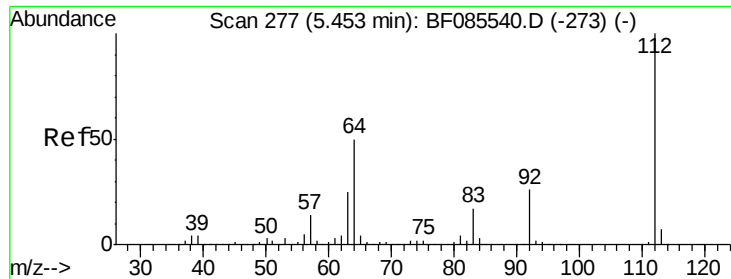
Delta R.T. -0.02 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion:	42	Resp:	207754
Ion	Ratio	Lower	Upper
42	100		
74	153.2	121.4	182.2
44	6.3	5.6	8.4





#5

2-Fluorophenol

Concen: 82.80 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085642.D

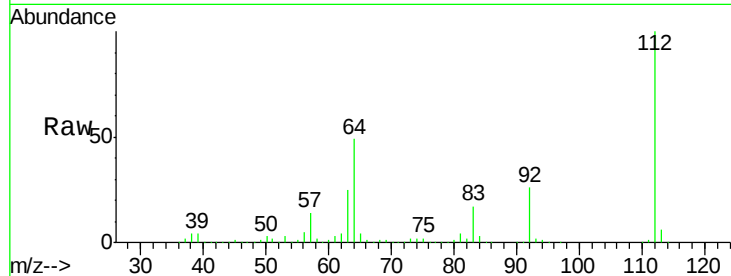
Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

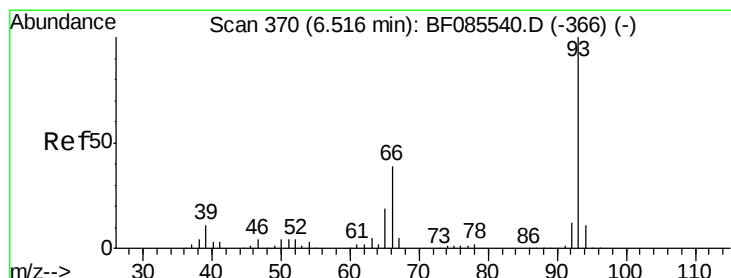
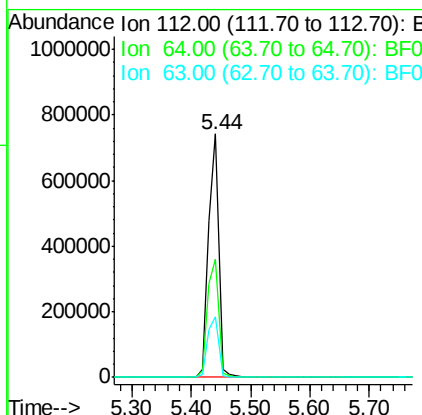
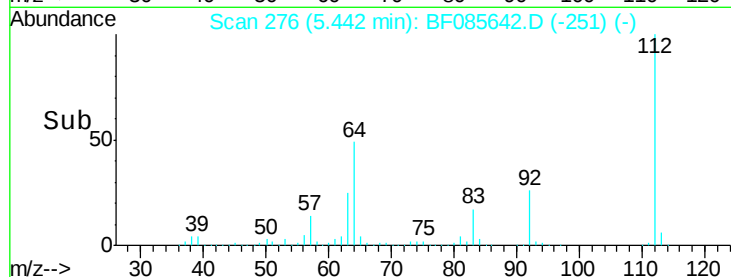
SSTDCCC040



Tgt Ion:	112	Resp:	891405
Ion Ratio	Lower	Upper	
112	100		
64	48.8	39.9	59.9
63	24.8	20.2	30.2

Manual Integrations
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#6

Aniline

Concen: 38.95 ng

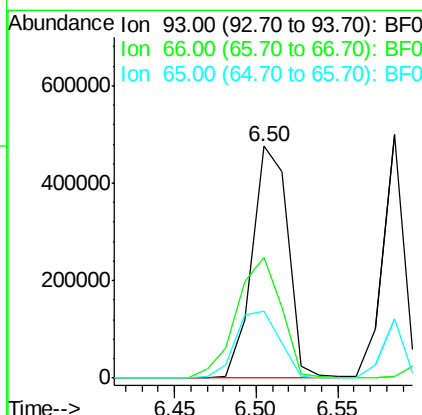
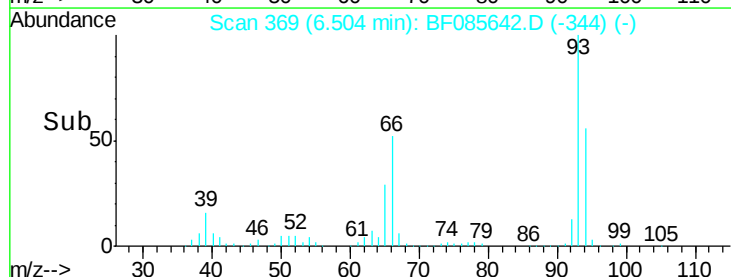
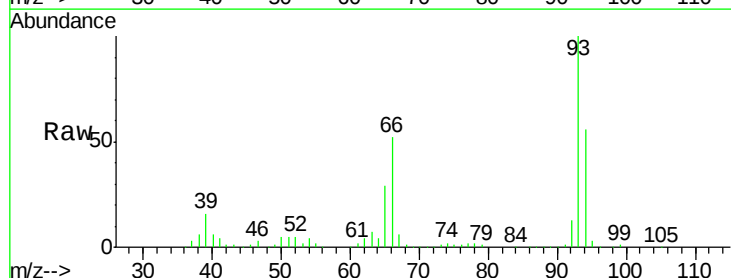
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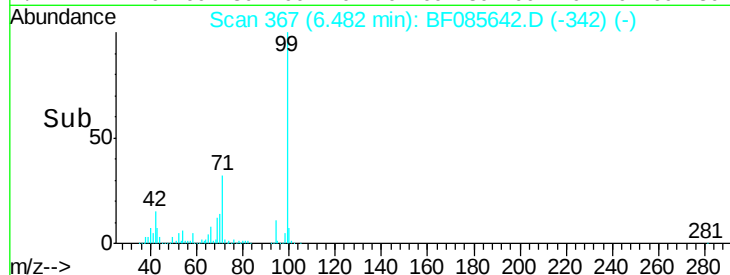
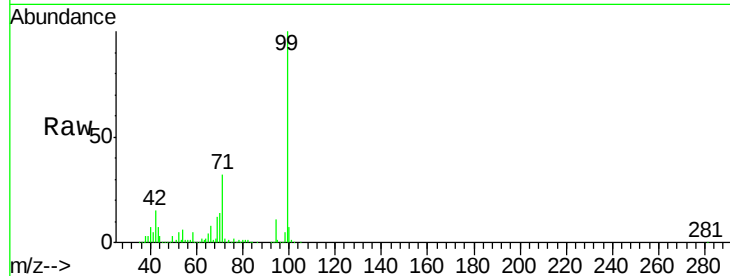
Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion:	93	Resp:	722410
Ion Ratio	Lower	Upper	
93	100		
66	52.0	31.4	47.2#
65	28.7	15.7	23.5#





#7

Phenol-d6

Concen: 74.43 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion:	99	Resp:	1027744
Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.1	16.7
71	32.2	24.9	37.3

Instrument :

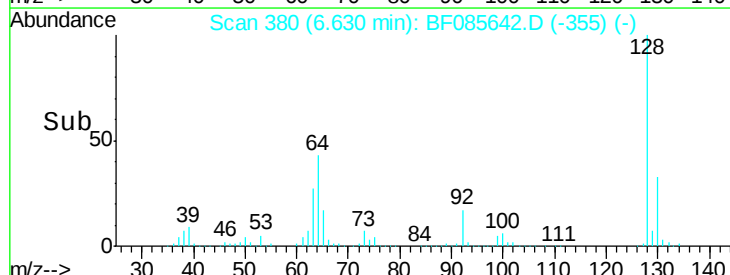
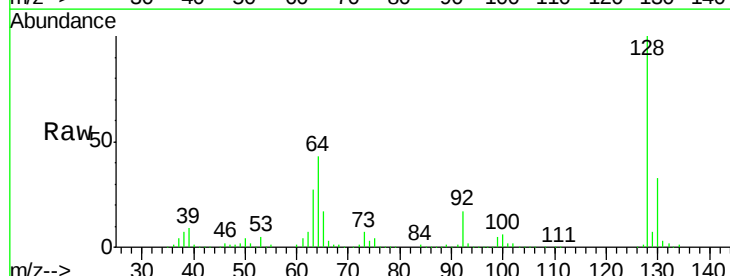
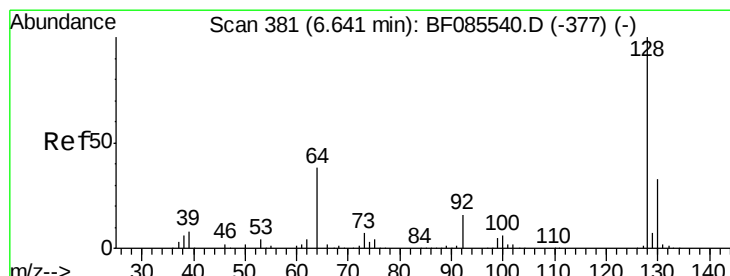
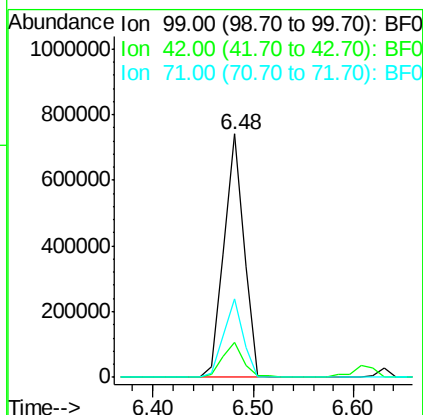
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.99 ng

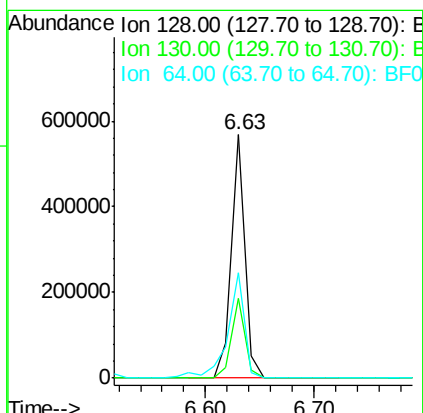
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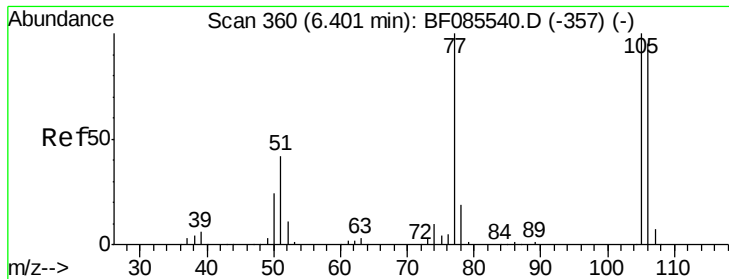
Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion:	128	Resp:	485626
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	43.1	20.2	60.2





#9

Benzaldehyde

Concen: 41.35 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF085642.D

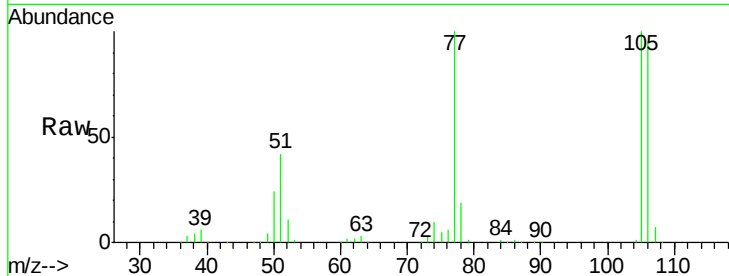
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Instrument :

BNA_F

ClientSampleId :

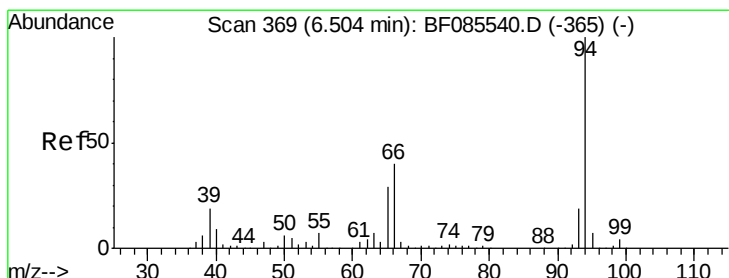
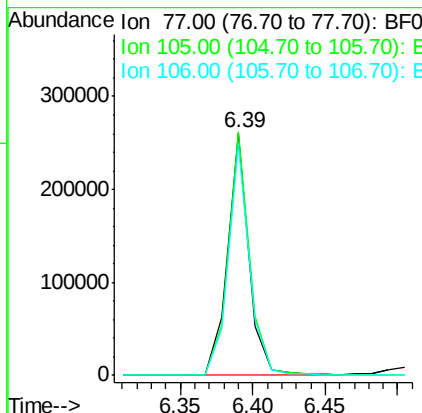
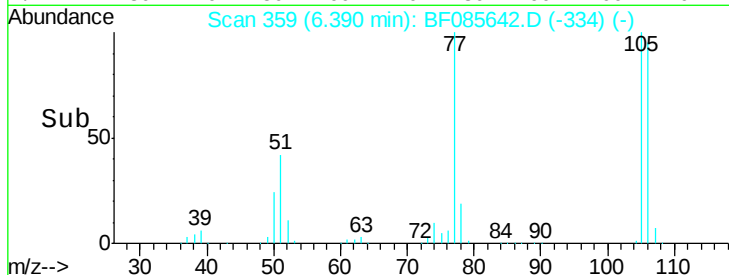
SSTDCCC040



Tgt Ion:	77	Resp:	265967
Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.1	120.1
106	95.3	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 34.03 ng

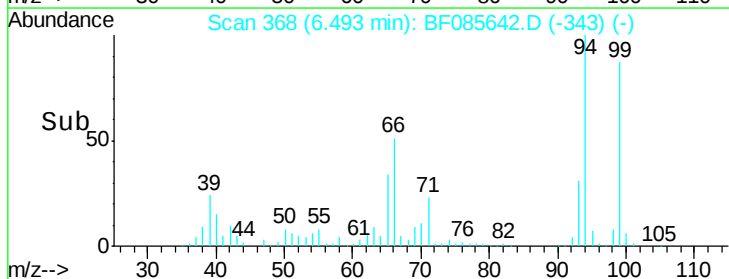
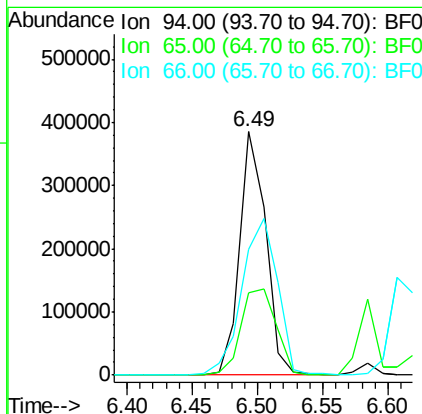
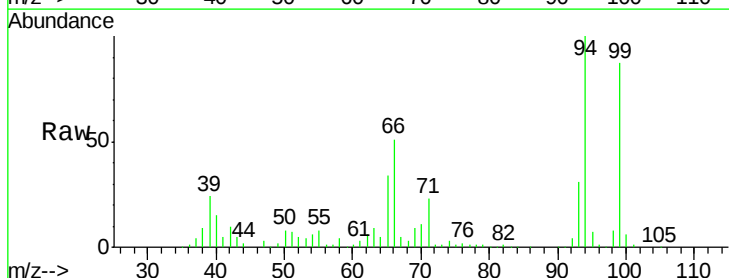
RT: 6.49 min Scan# 368

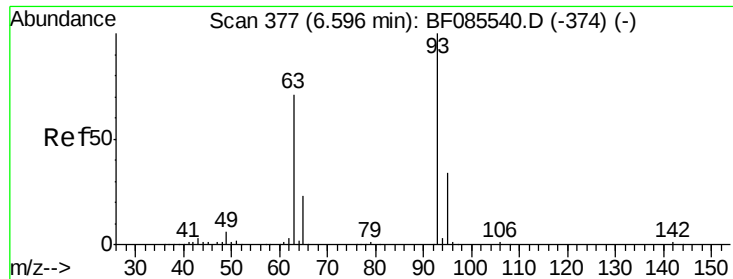
Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion:	94	Resp:	535244
Ion	Ratio	Lower	Upper
94	100		
65	33.6	8.6	48.6
66	51.4	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 37.63 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

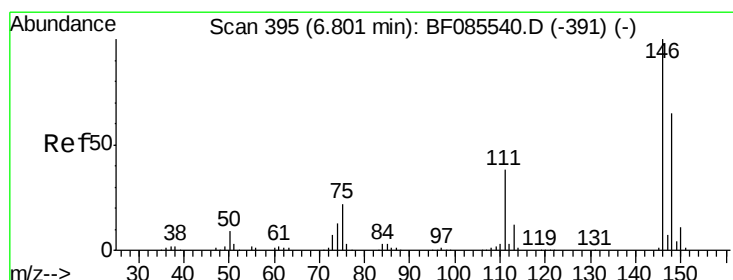
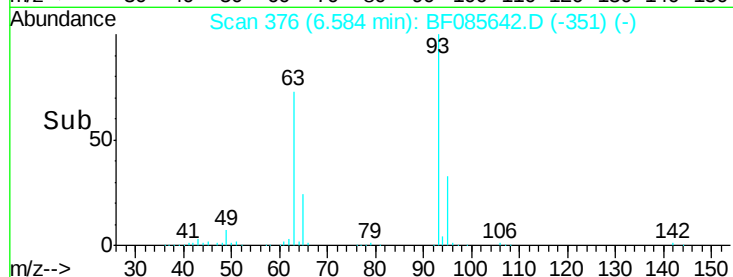
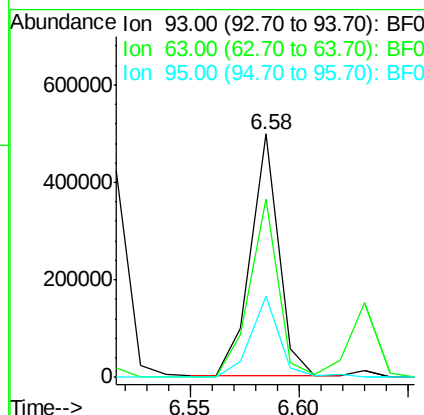
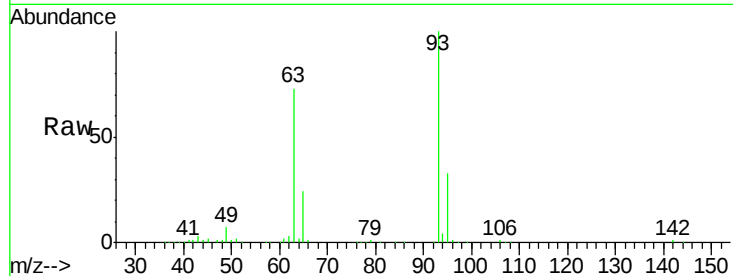
ClientSampleId :

SSTDCCC040

Tgt Ion:	93	Resp:	446200
Ion Ratio	Lower	Upper	
93	100		
63	73.3	50.9	90.9
95	33.2	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 40.32 ng

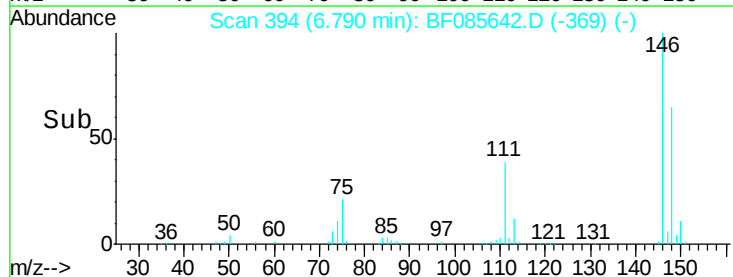
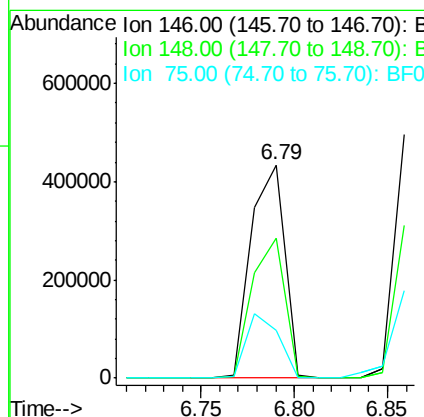
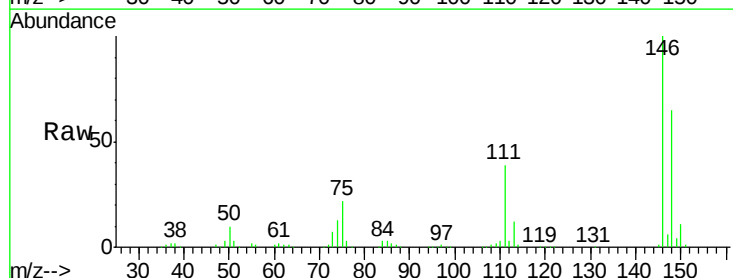
RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion:	146	Resp:	547212
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.3	78.5
75	22.5	17.4	26.2





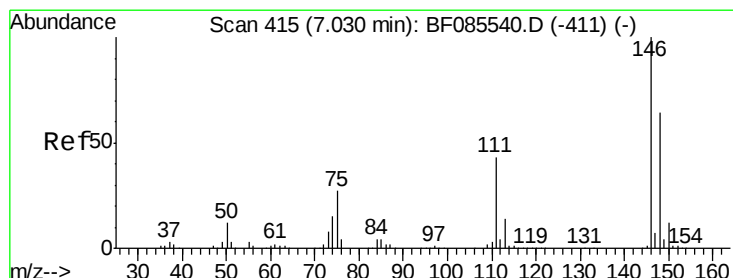
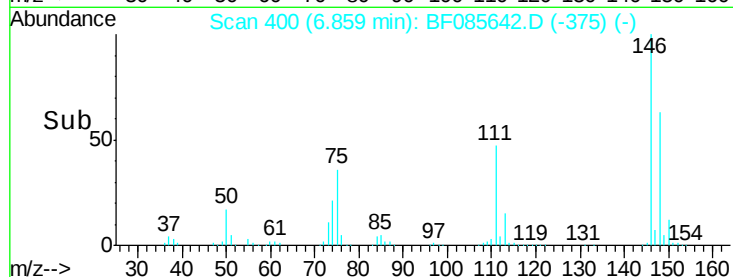
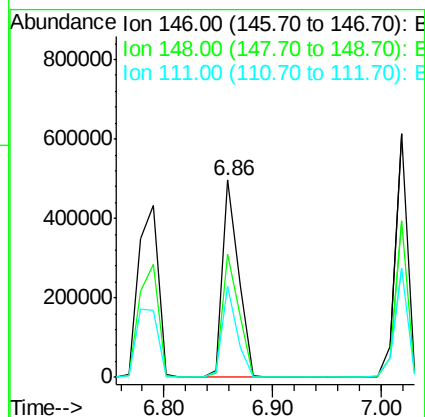
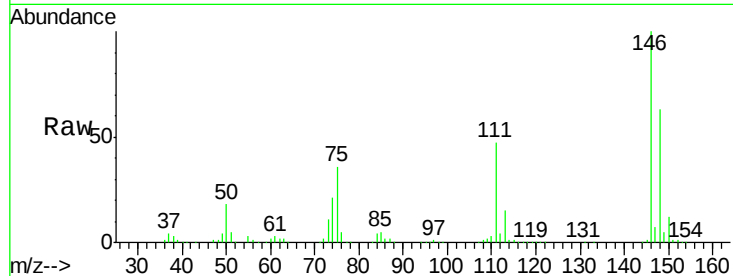
#13
 1,4-Dichlorobenzene
 Concen: 37.21 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	46.7	37.8	56.6

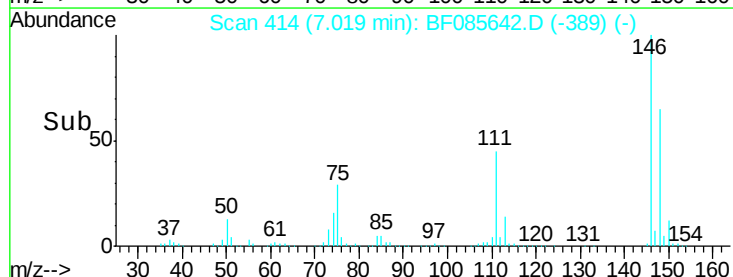
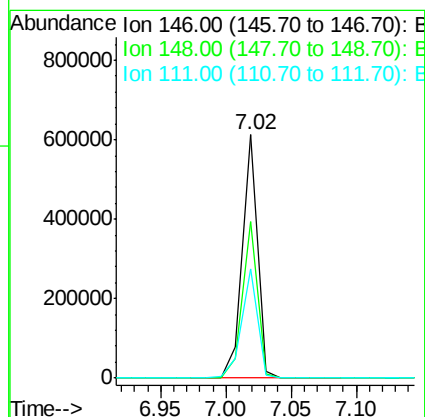
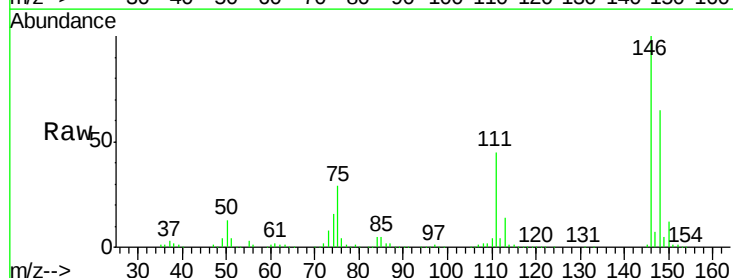
Manual Integrations
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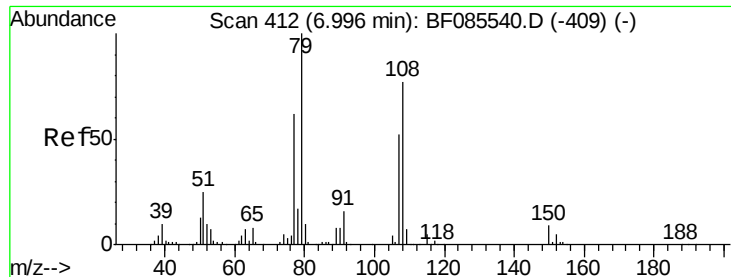
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#14
 1,2-Dichlorobenzene
 Concen: 39.83 ng
 RT: 7.02 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	44.8	34.6	52.0





#15

Benzyl Alcohol

Concen: 38.75 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

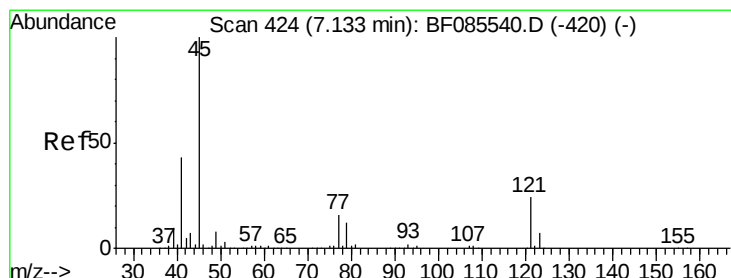
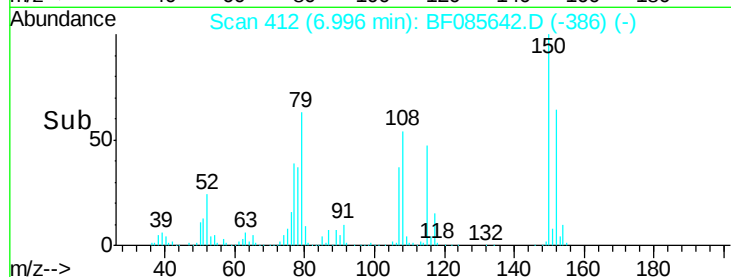
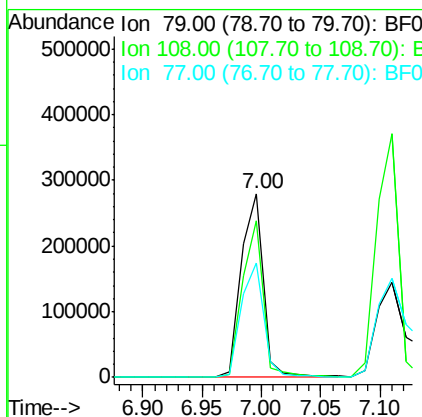
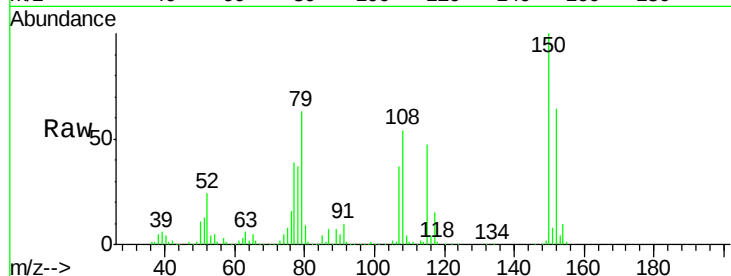
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	366485
Ion Ratio	Lower	Upper	
79	100		
108	85.1	61.8	92.6
77	62.5	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.46 ng

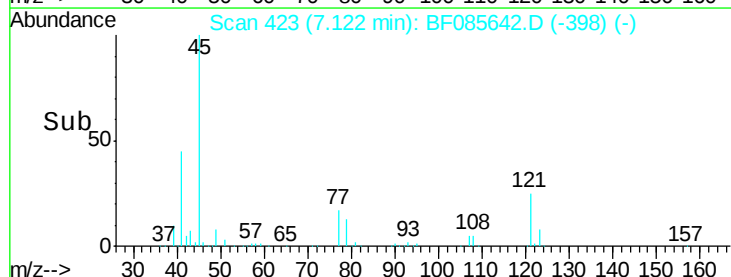
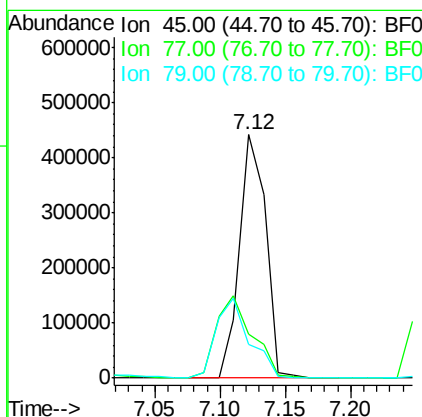
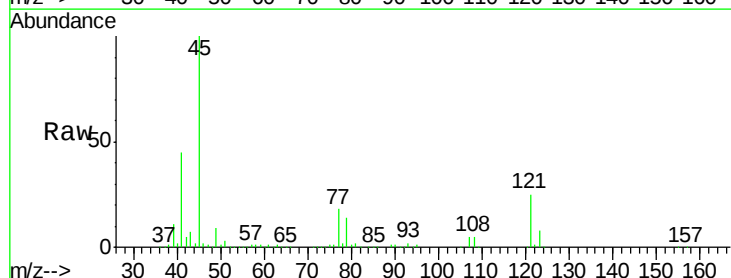
RT: 7.12 min Scan# 423

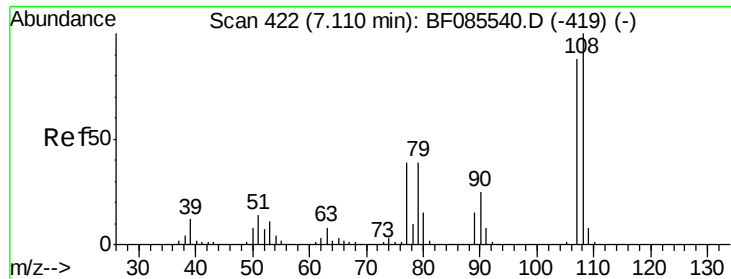
Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion:	45	Resp:	615263
Ion Ratio	Lower	Upper	
45	100		
77	18.1	0.0	35.7
79	13.9	0.0	32.2





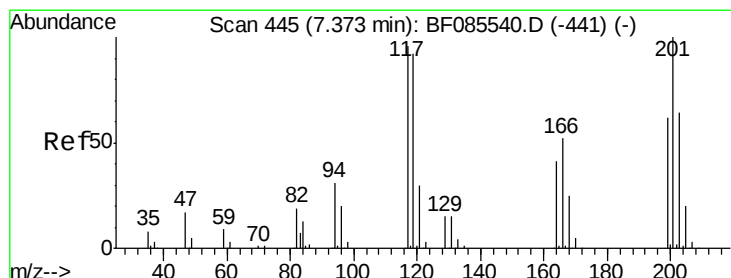
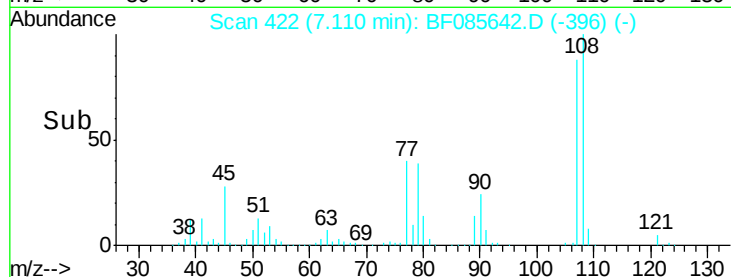
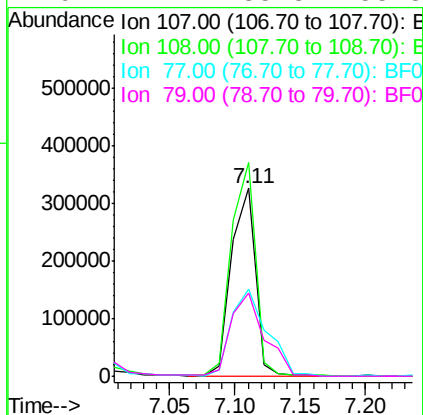
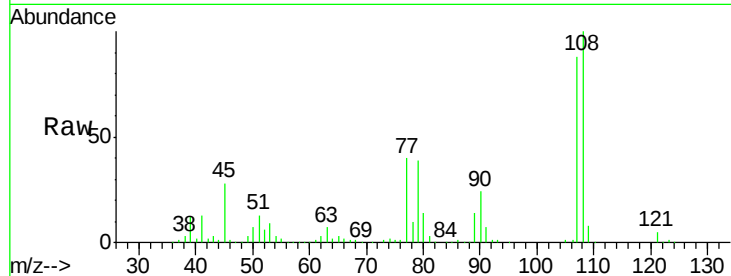
#17
2-Methylphenol
Concen: 40.53 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	418461
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.4	137.0
77	46.0	36.2	54.2
79	44.4	35.8	53.8

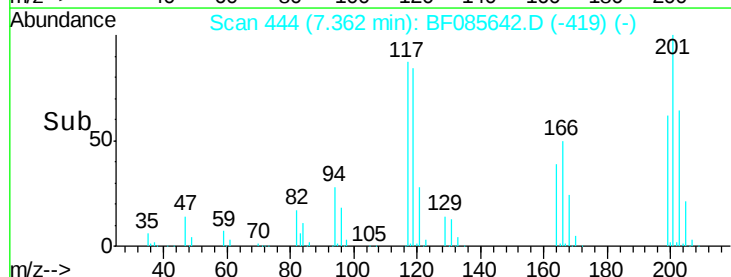
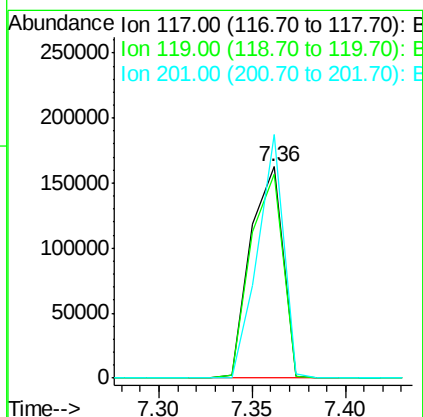
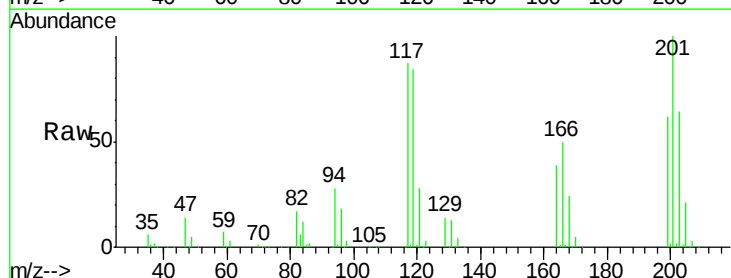
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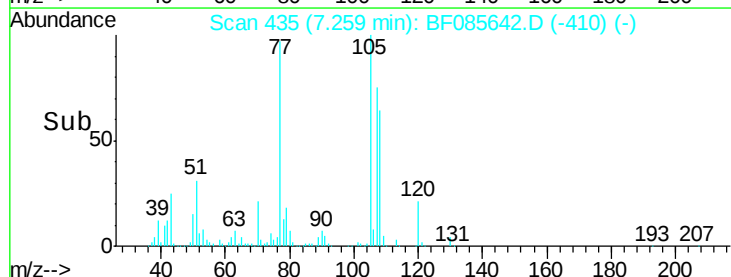
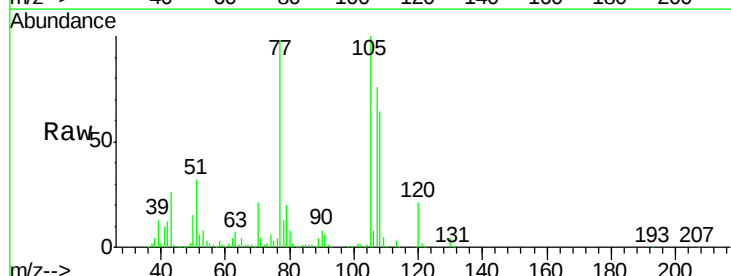
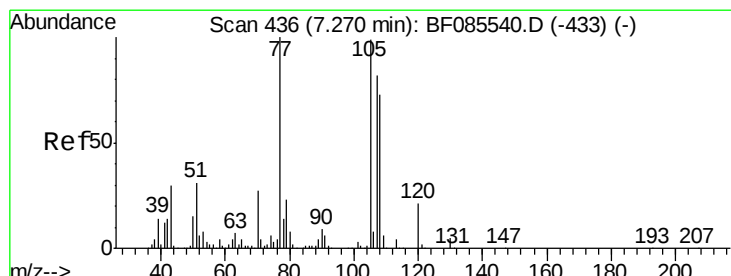
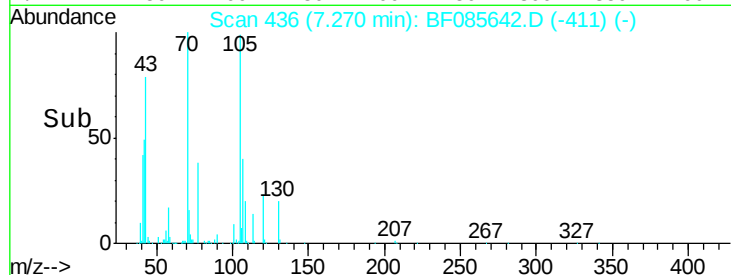
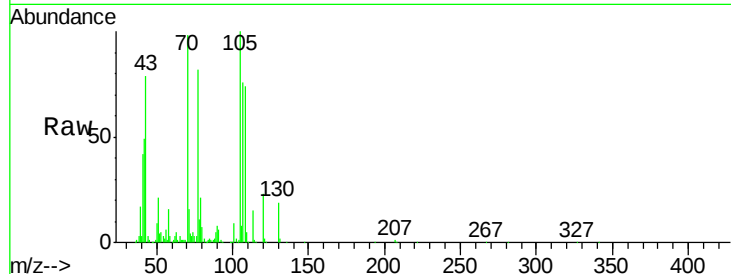
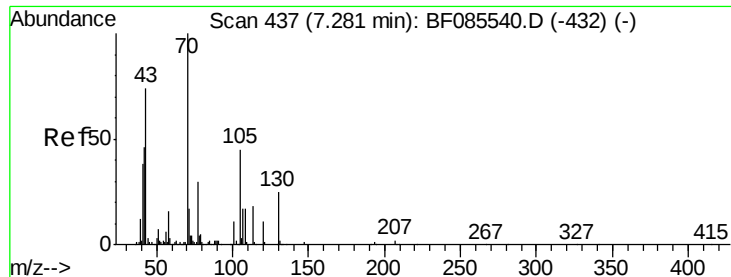
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#18
Hexachloroethane
Concen: 39.06 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion:	117	Resp:	195235
Ion Ratio	Lower	Upper	
117	100		
119	96.7	76.7	115.1
201	115.4	83.3	124.9





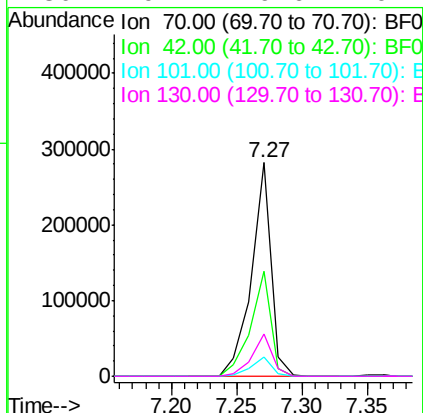
#19
n-Nitroso-di-n-propylamine
Concen: 35.96 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	49.3	37.1	55.7
101	9.2	8.6	12.8
130	19.7	19.6	29.4

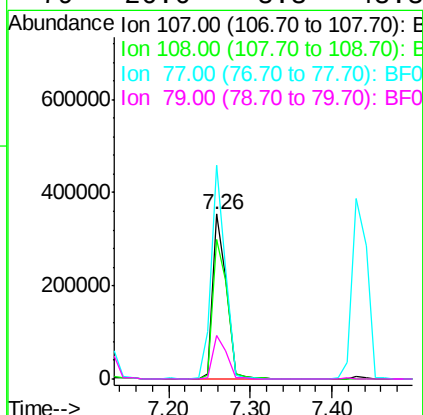
Manual Integrations
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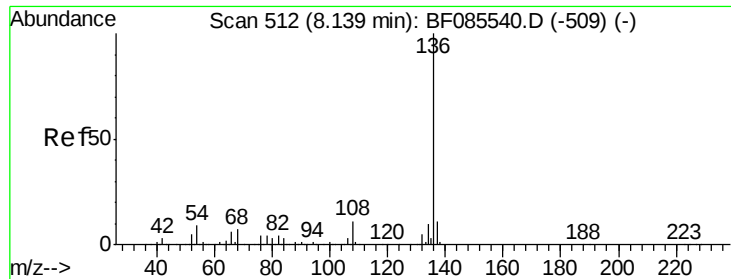
Sohil
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#20
3+4-Methylphenols
Concen: 34.47 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	85.0	69.3	109.3
77	129.7	101.7	141.7
79	26.6	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

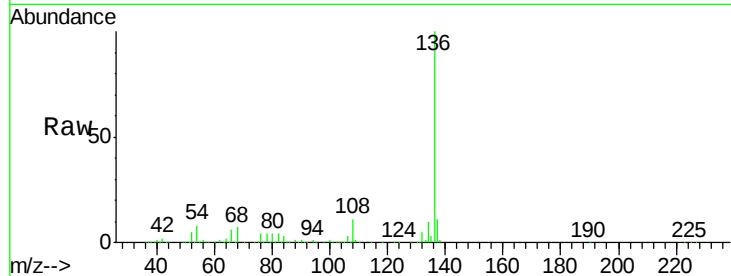
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	678249		
137	11.4	9.1	13.7	
54	8.4	7.4	11.0	
68	6.8	5.8	8.8	

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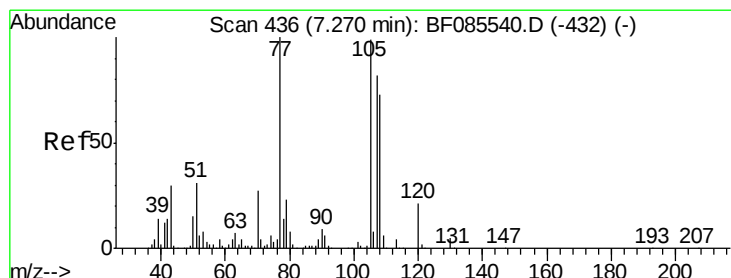
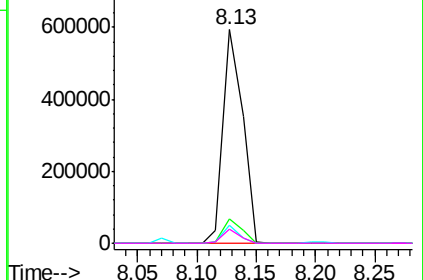
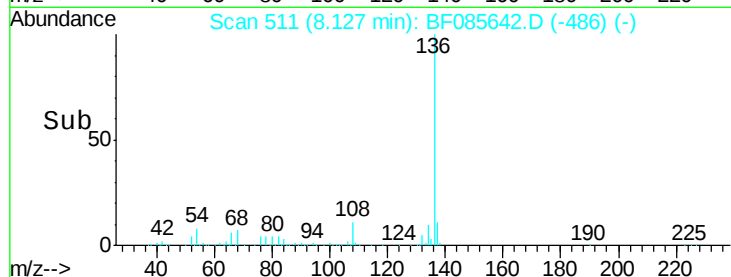


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.61 ng

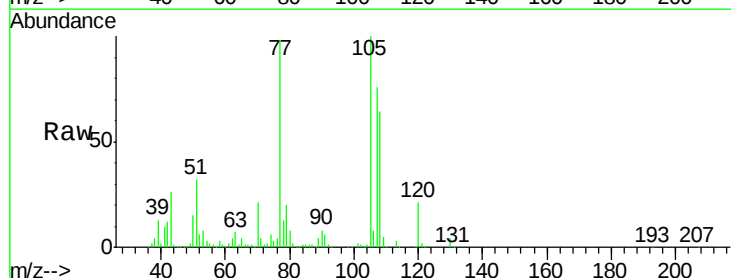
RT: 7.26 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	605407		
71	3.6	3.6	5.4#	
51	31.9	25.4	38.0	
120	21.1	16.9	25.3	

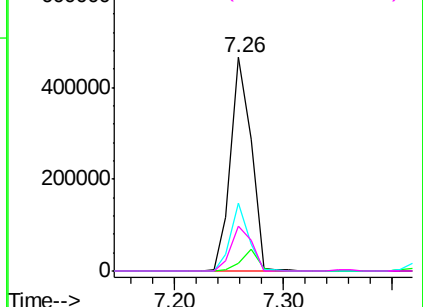
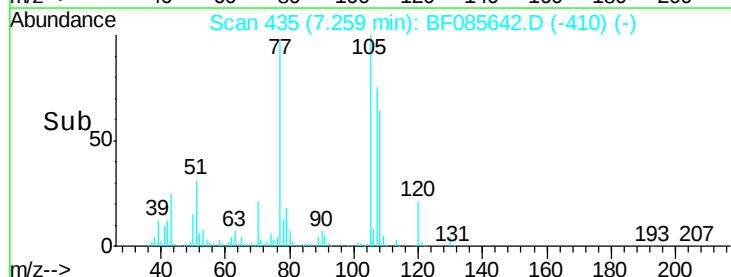


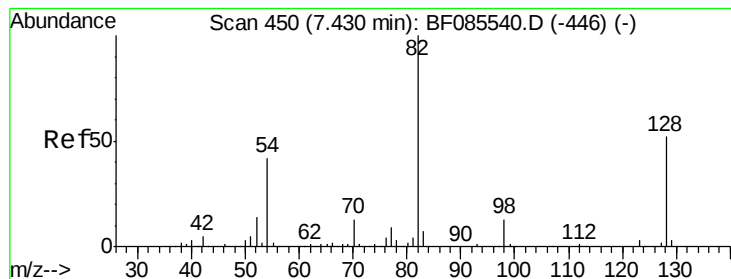
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.00 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

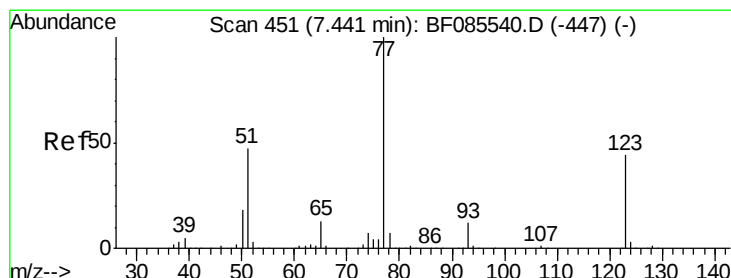
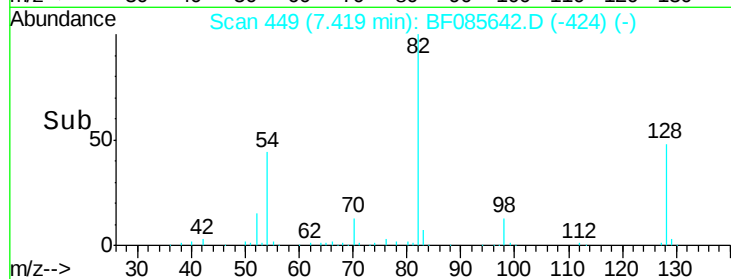
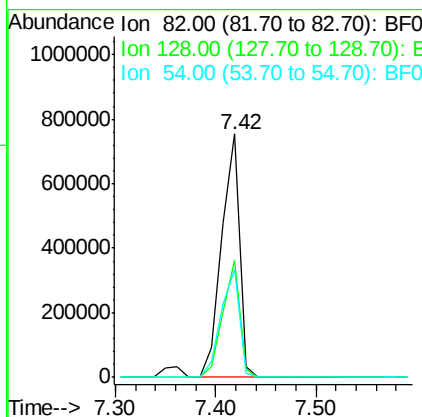
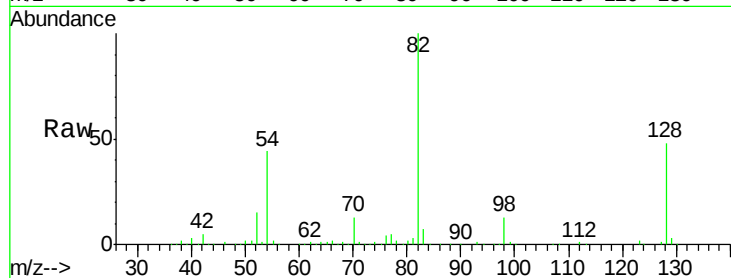
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	934764
Ion Ratio	Lower	Upper	
82	100		
128	47.9	41.8	62.8
54	44.3	33.4	50.0

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#24

Nitrobenzene

Concen: 38.41 ng

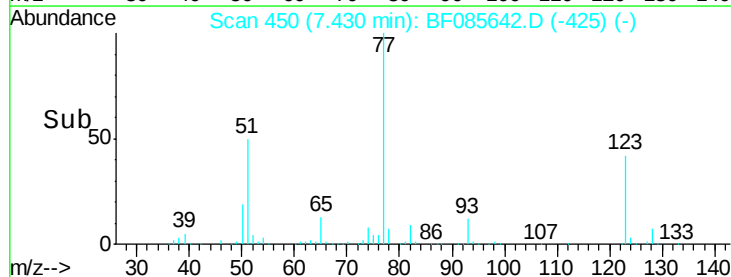
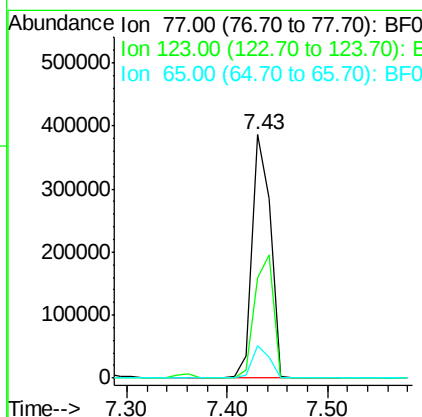
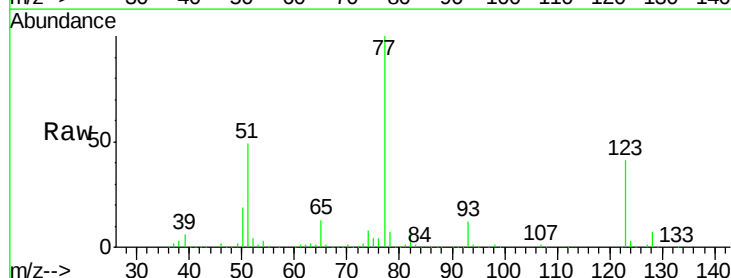
RT: 7.43 min Scan# 450

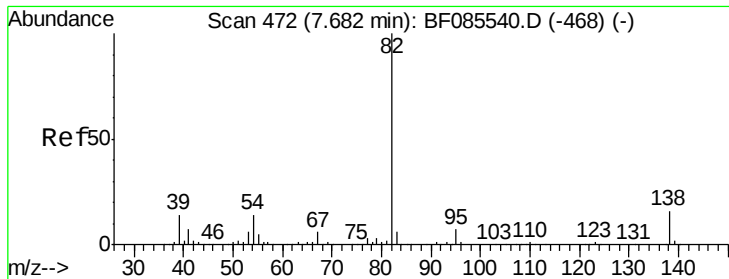
Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion:	77	Resp:	491259
Ion Ratio	Lower	Upper	
77	100		
123	41.3	35.0	52.4
65	13.2	10.6	16.0





#25

Isophorone

Concen: 40.94 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF085642.D

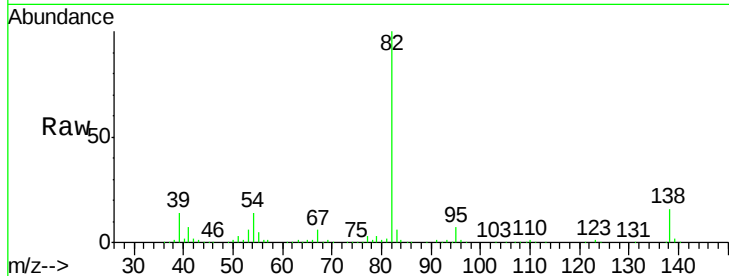
Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

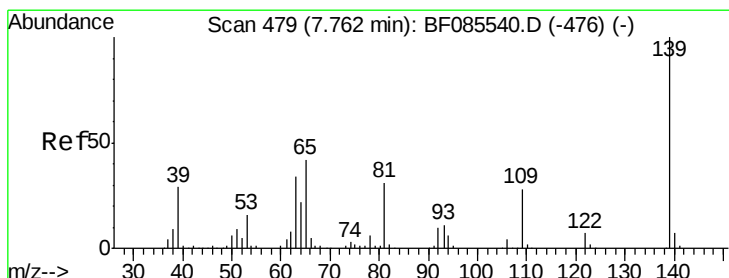
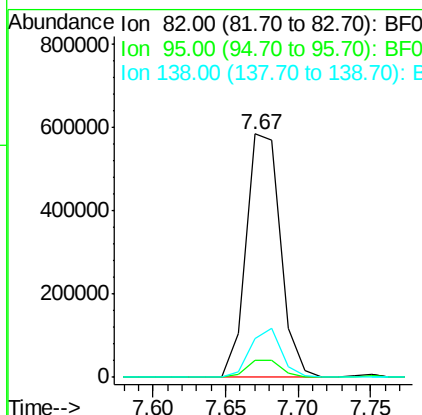
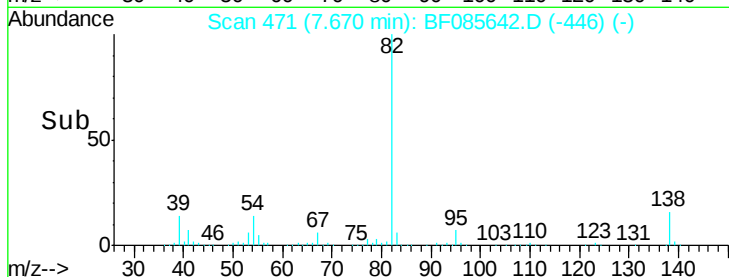
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	957638		
95	6.9	5.4	8.2	
138	16.2	12.9	19.3	

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.02 ng

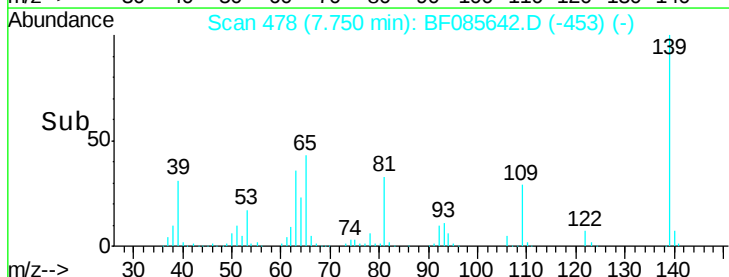
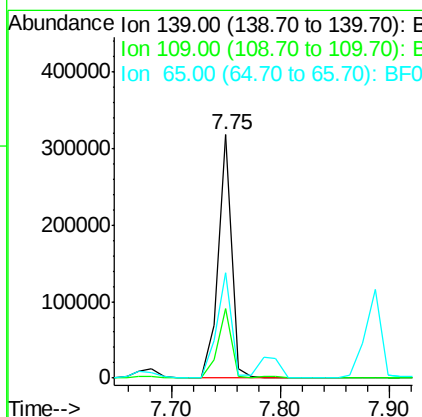
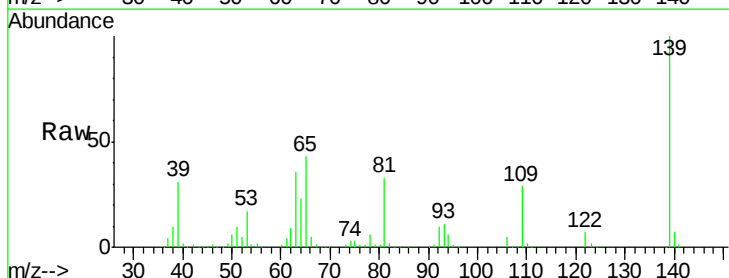
RT: 7.75 min Scan# 478

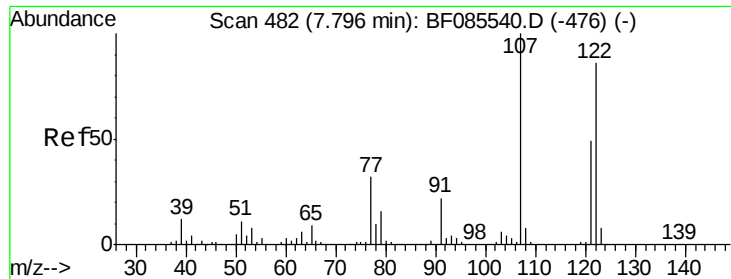
Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	278269		
109	28.6	22.1	33.1	
65	43.4	33.9	50.9	





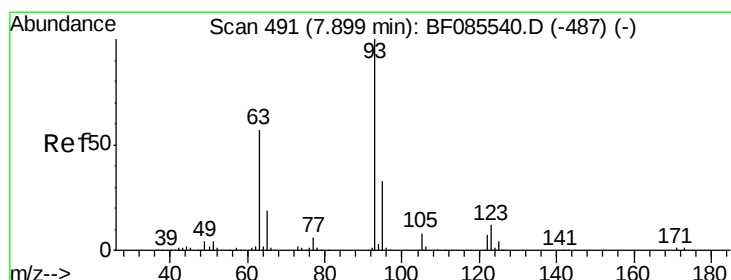
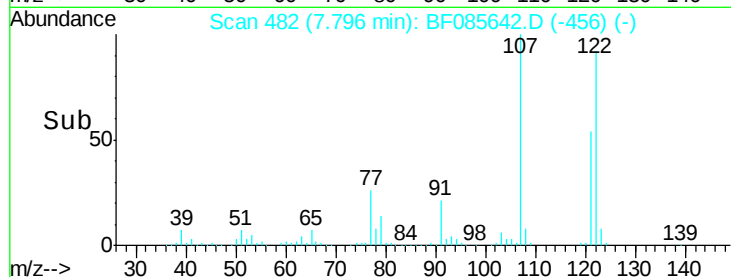
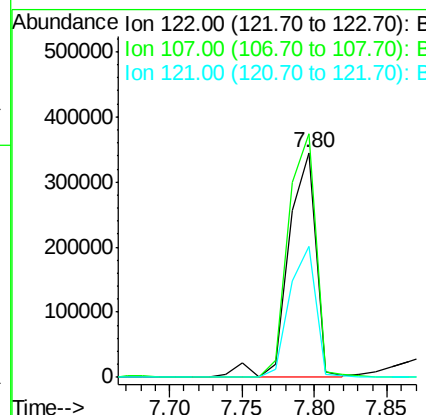
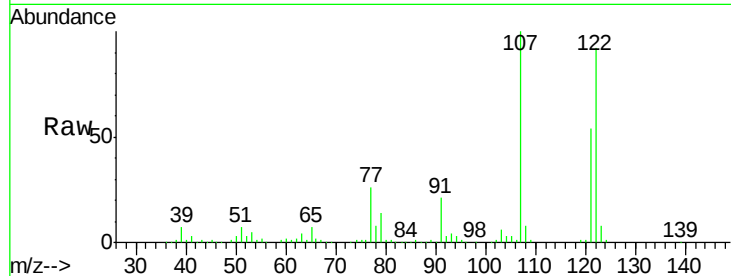
#27
2,4-Dimethylphenol
Concen: 40.60 ng
RT: 7.80 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	453814		
107	108.2	93.0	139.6	
121	58.3	45.9	68.9	

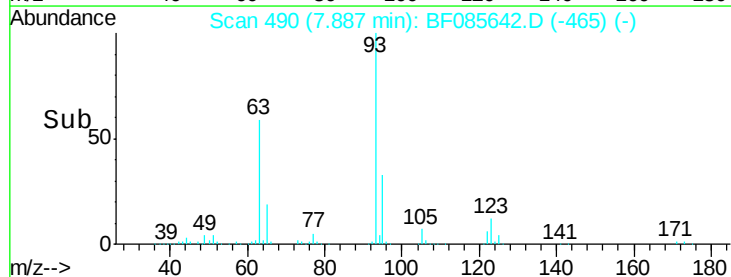
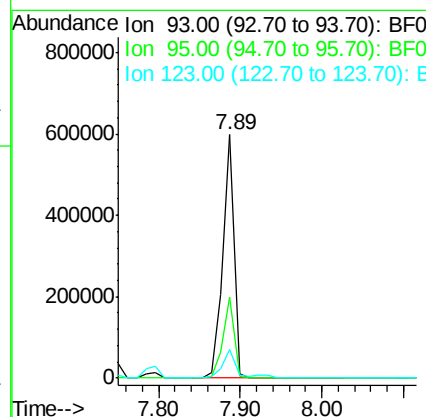
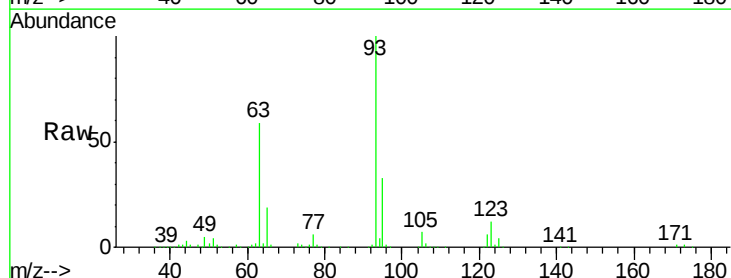
Manual Integrations
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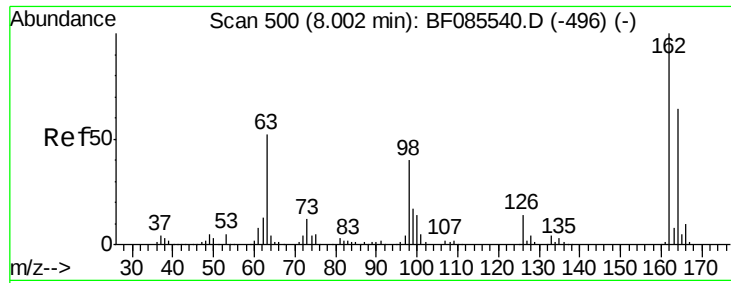
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.04 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	572712		
95	33.2	26.4	39.6	
123	11.7	9.8	14.6	





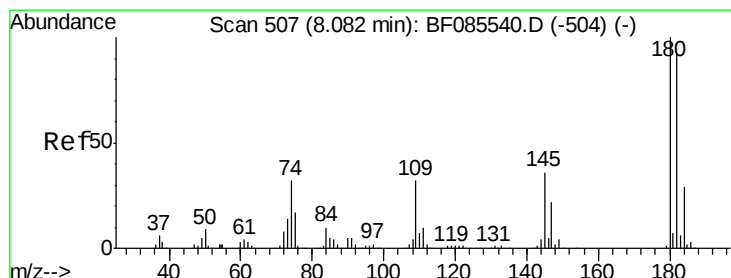
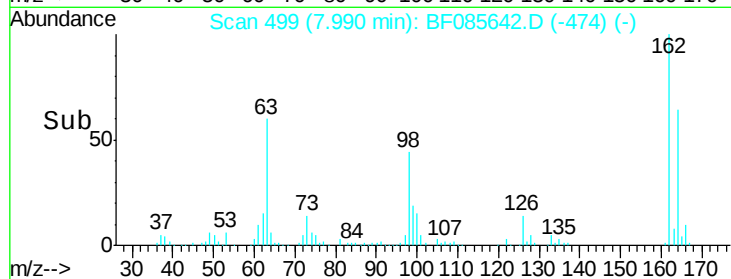
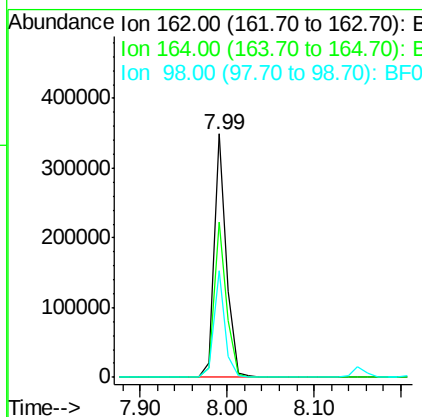
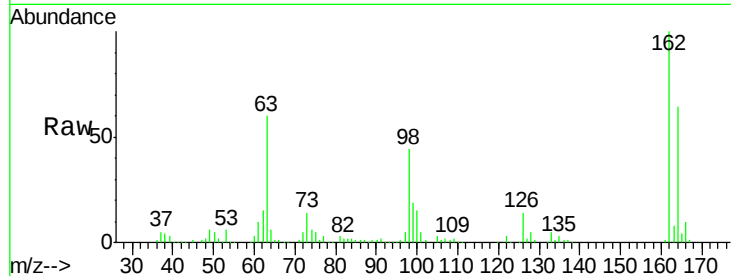
#29
 2,4-Dichlorophenol
 Concen: 37.65 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	347545		
164	63.6	43.7	83.7	
98	44.0	20.4	60.4	

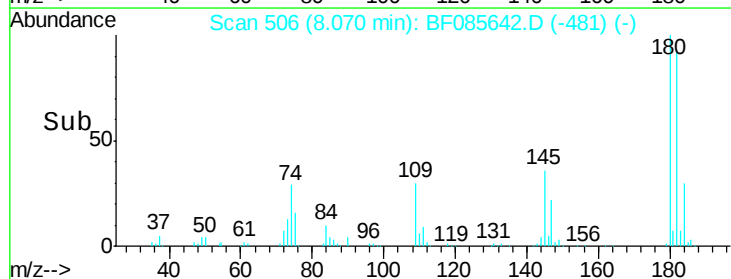
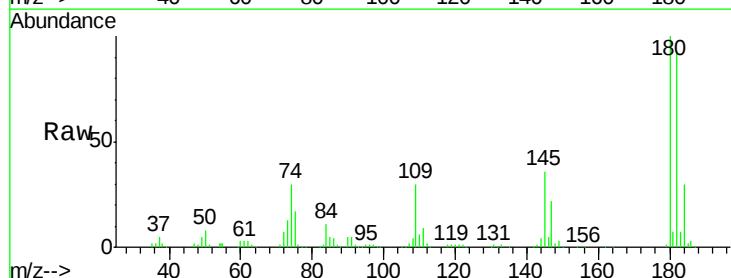
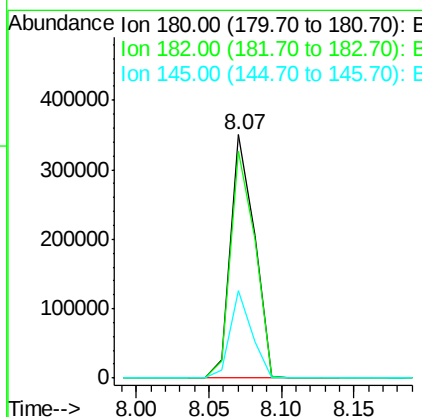
Manual Integrations
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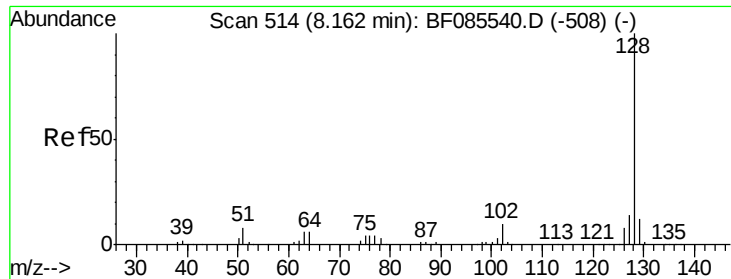
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.76 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	400801		
182	93.0	73.8	110.8	
145	35.7	28.4	42.6	





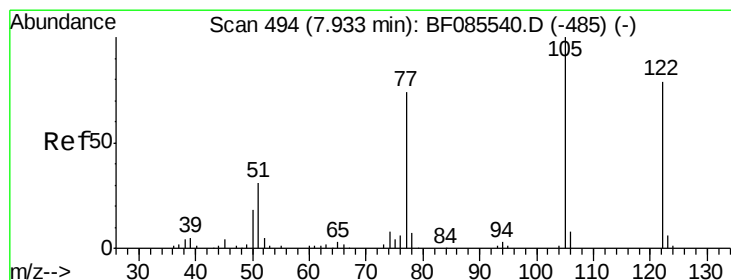
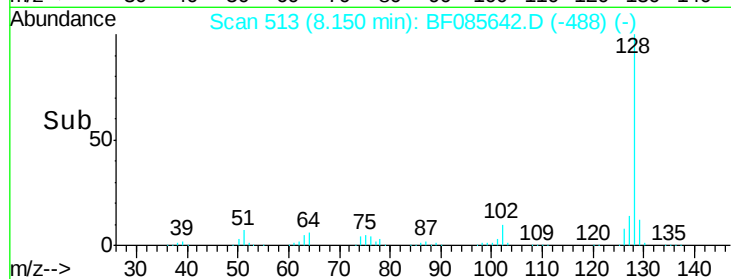
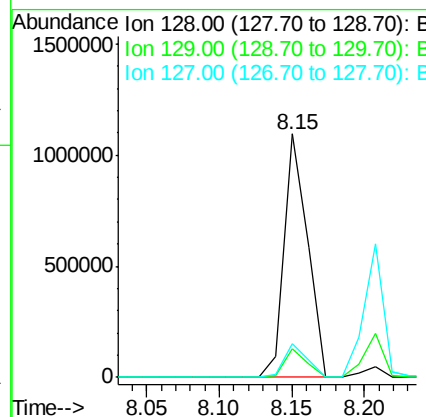
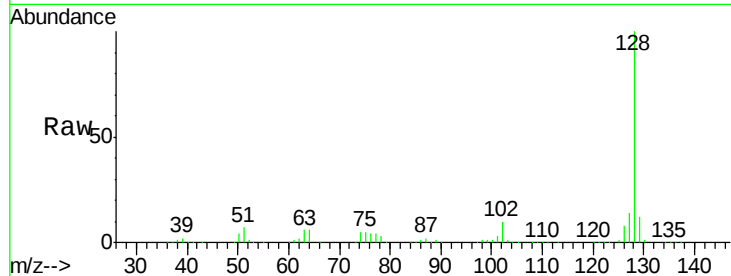
#31
Naphthalene
Concen: 35.58 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1218199
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.9 11.0 16.6

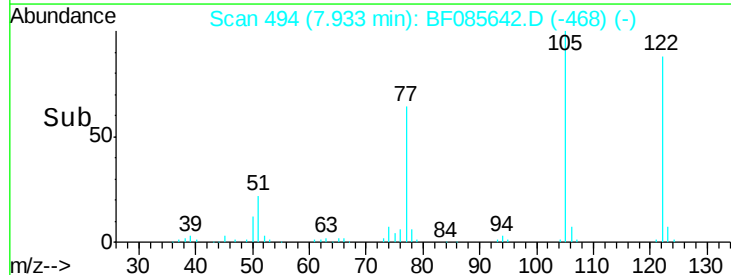
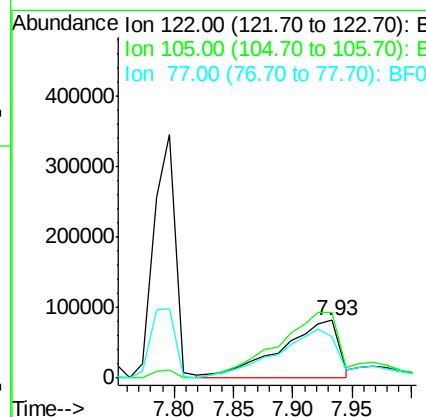
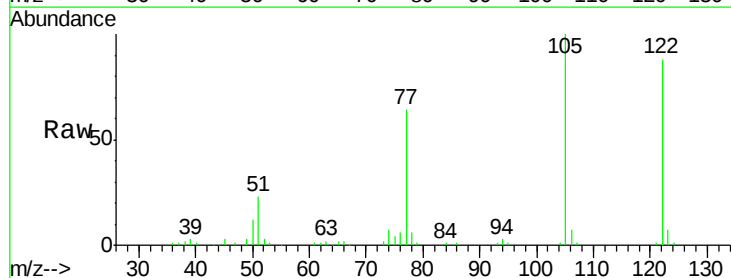
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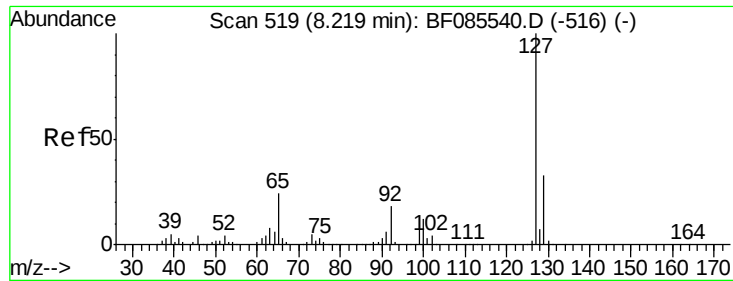
Sohil
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#32
Benzoic acid
Concen: 29.65 ng m
RT: 7.93 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion:122 Resp: 277101
Ion Ratio Lower Upper
122 100
105 113.5 102.9 142.9
77 72.3 71.8 111.8





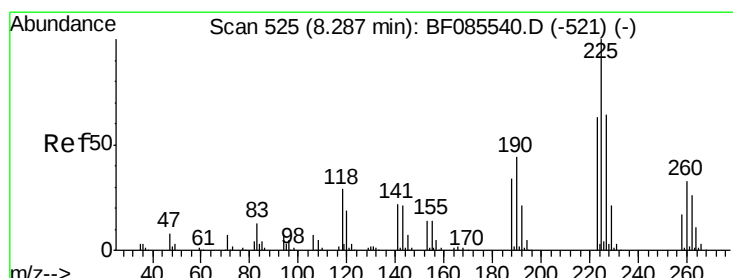
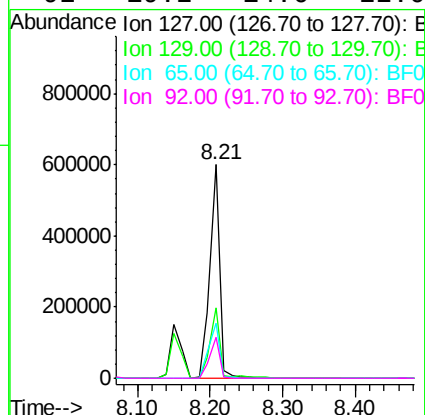
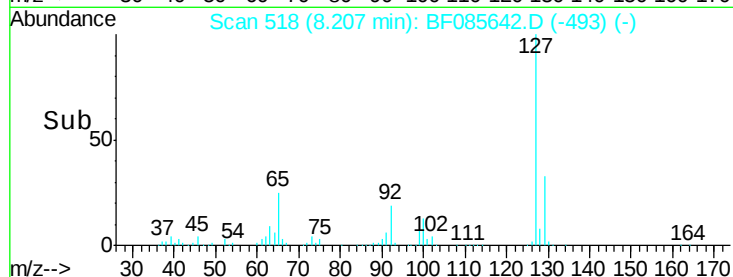
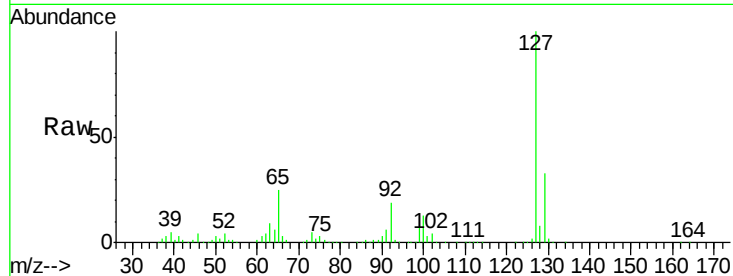
#33
4-Chloroaniline
Concen: 40.47 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.9	26.1	39.1
65	25.5	19.5	29.3
92	19.2	14.6	22.0

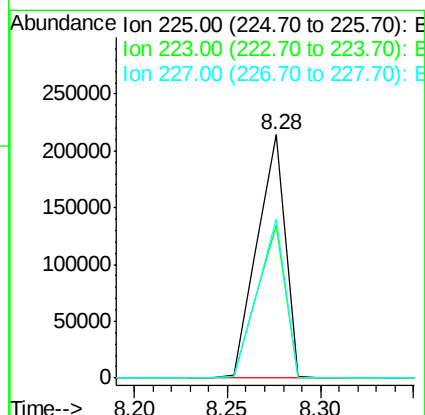
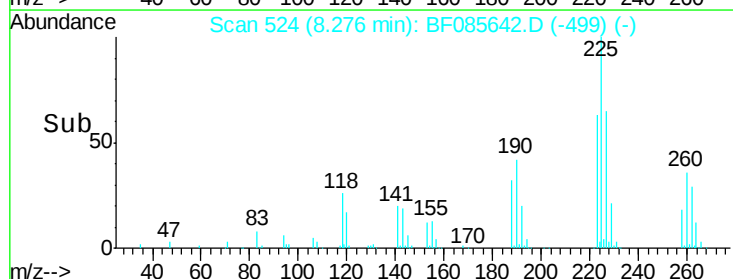
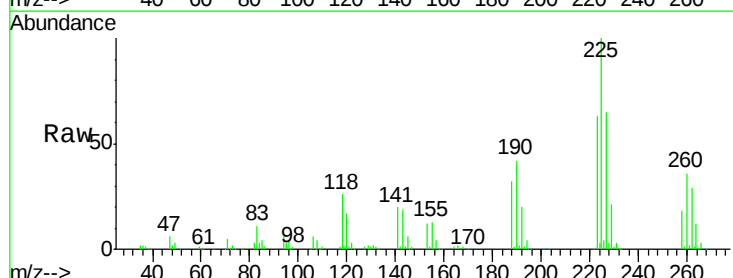
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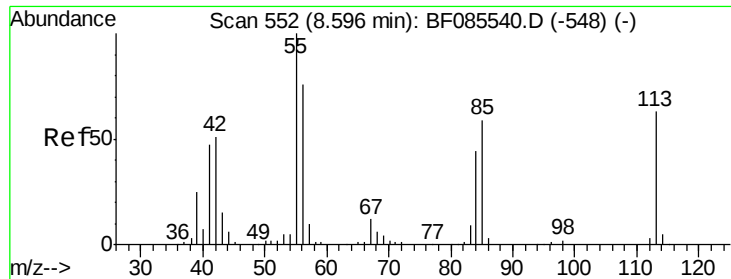
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#34
Hexachlorobutadiene
Concen: 40.55 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.0	50.4	75.6
227	65.3	51.4	77.2





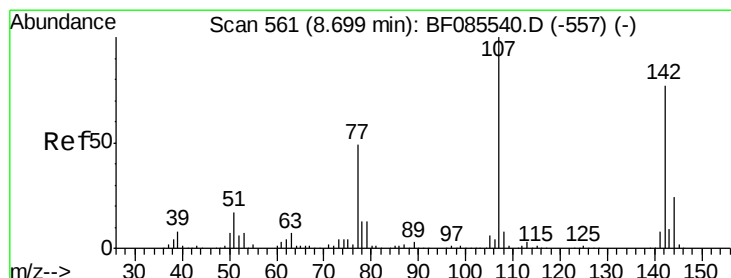
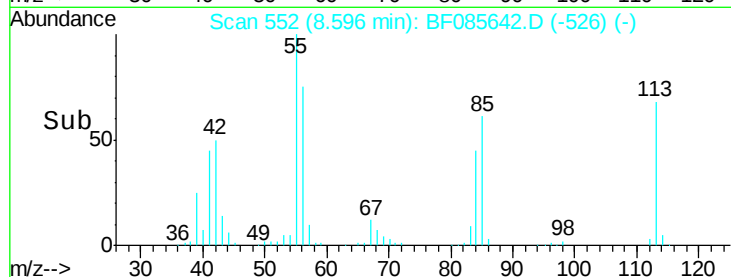
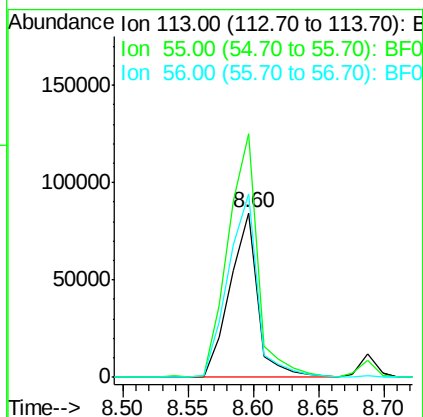
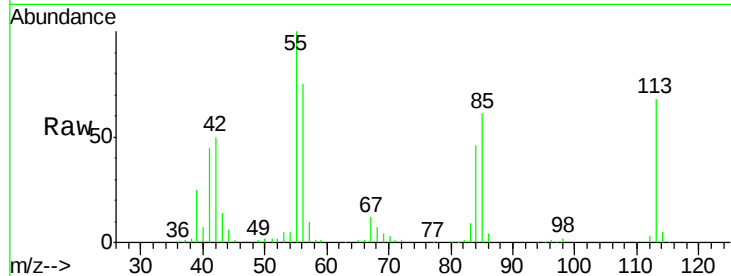
#35
 Caprolactam
 Concen: 39.37 ng
 RT: 8.60 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	125042		
55	147.8	139.4	179.4	
56	111.5	100.4	140.4	

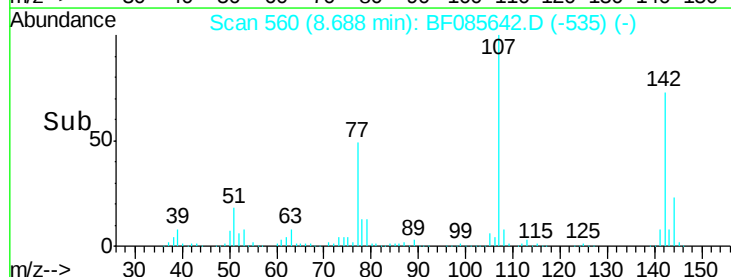
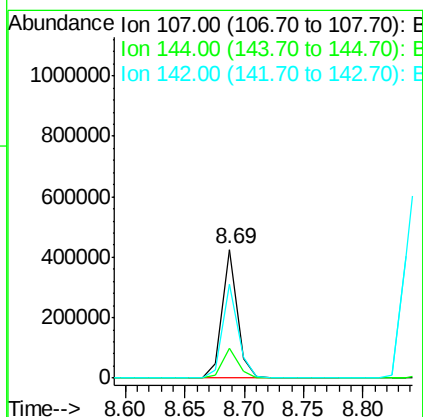
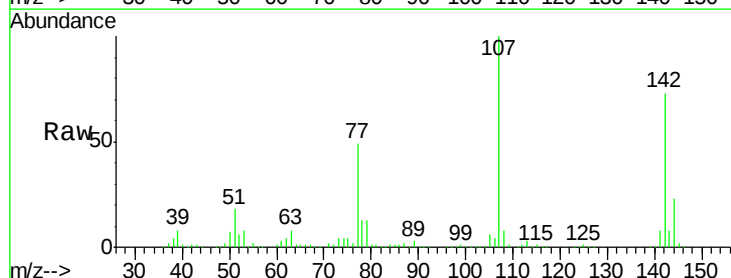
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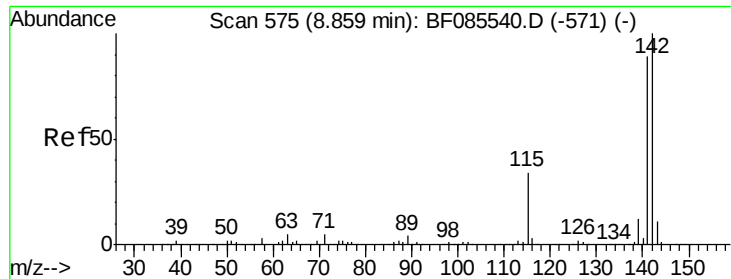
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#36
 4-Chloro-3-methylphenol
 Concen: 35.14 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	378893		
144	23.5	19.3	28.9	
142	72.8	61.4	92.0	





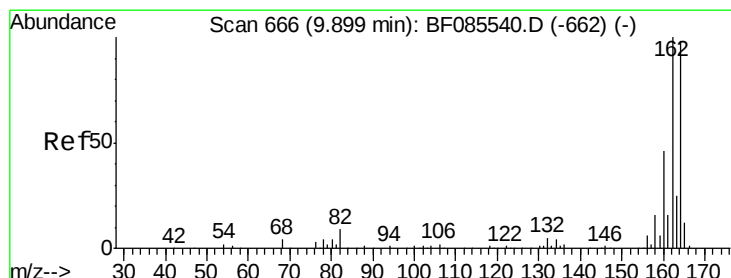
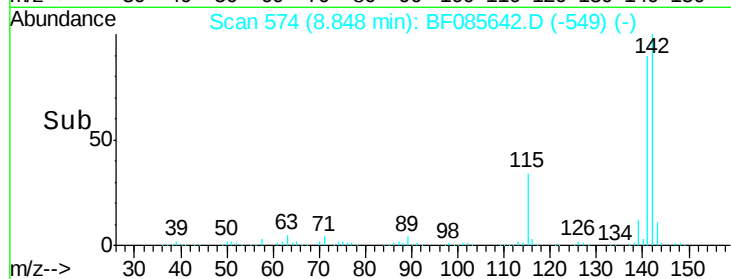
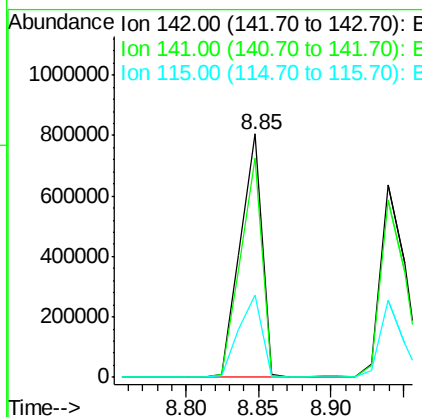
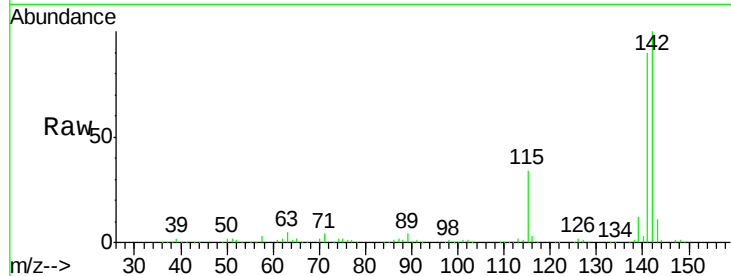
#37
 2-Methylnaphthalene
 Concen: 40.48 ng
 RT: 8.85 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.6	107.4
115	33.8	26.8	40.2

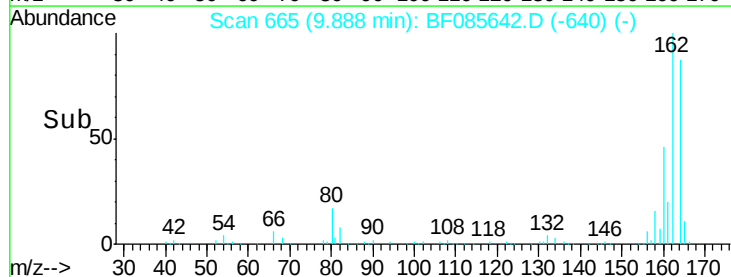
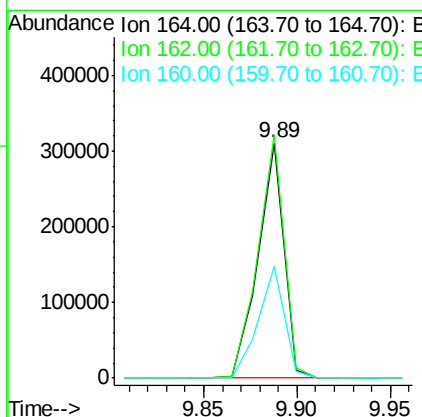
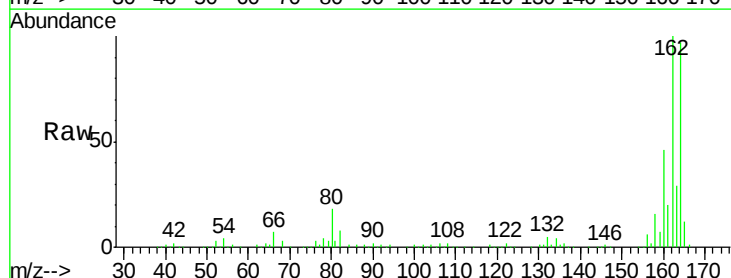
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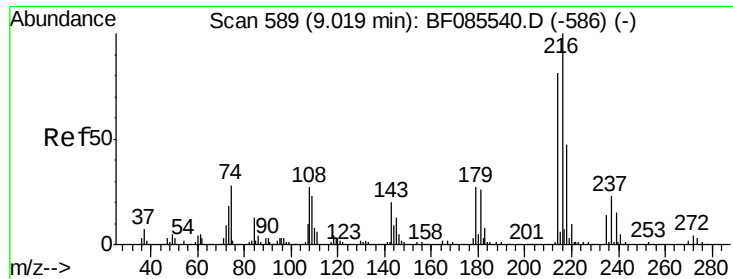
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	47.7	37.4	56.2





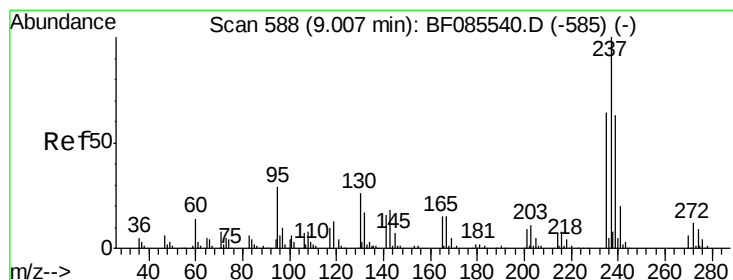
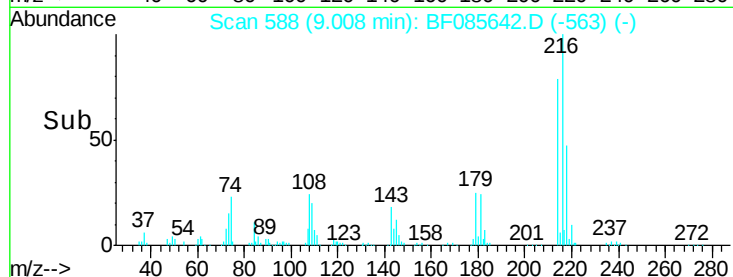
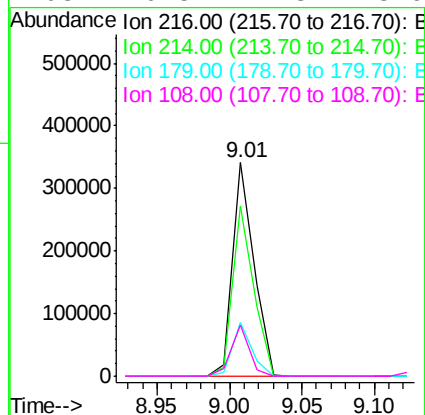
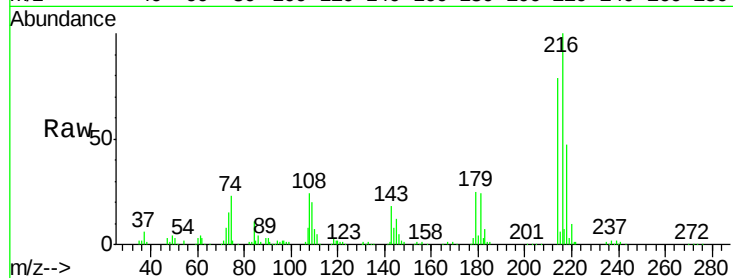
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.70 ng
 RT: 9.01 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	348297
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.1	94.7
179	22.9	18.2	27.2
108	20.5	17.3	25.9

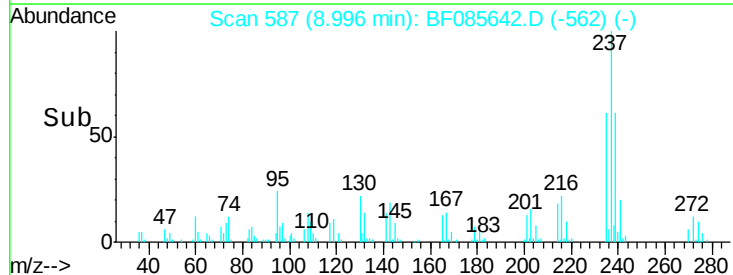
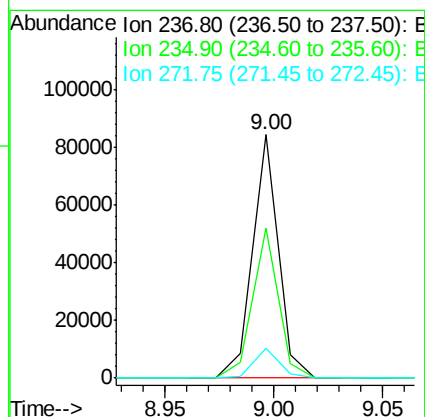
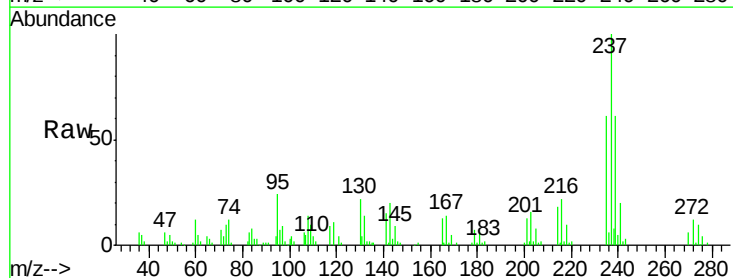
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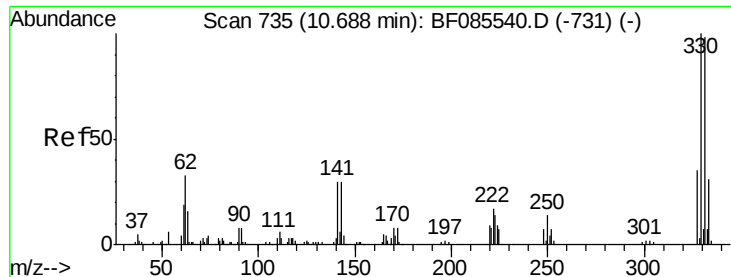
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#40
 Hexachlorocyclopentadiene
 Concen: 17.07 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion:	237	Resp:	69236
Ion Ratio	Lower	Upper	
237	100		
235	61.5	43.7	83.7
272	12.0	0.0	31.9





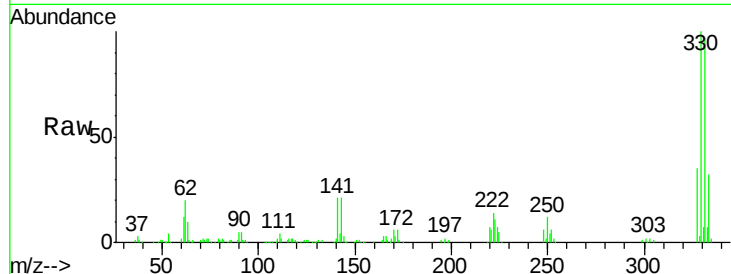
#41
 2,4,6-Tribromophenol
 Concen: 74.89 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

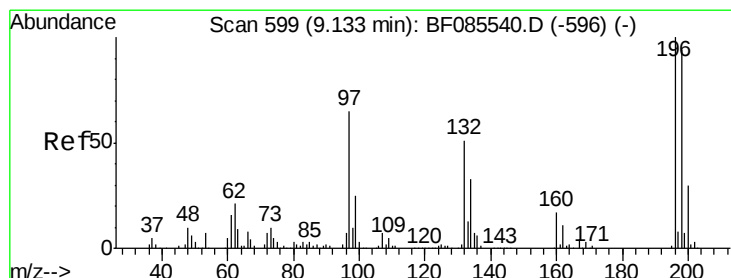
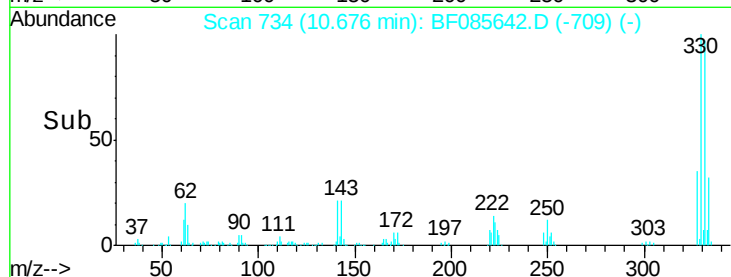
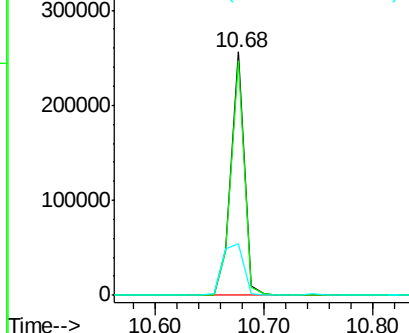
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	217615		
332	96.9	78.2	117.2	
141	33.8	31.5	47.3	

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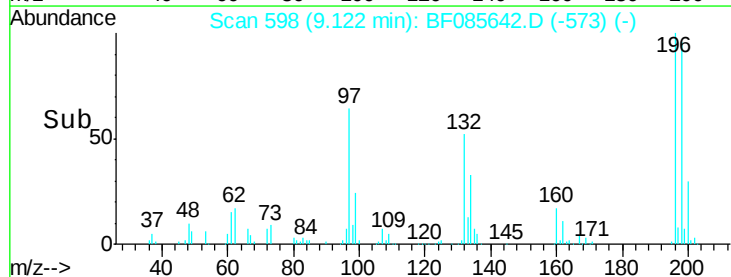
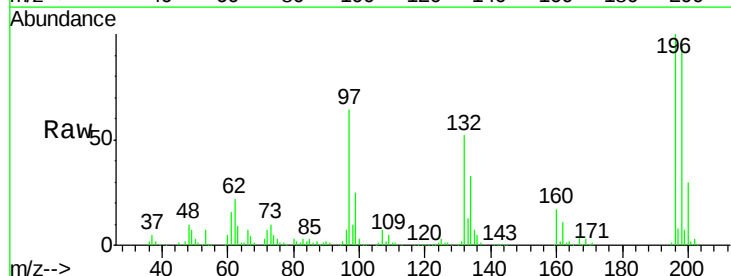
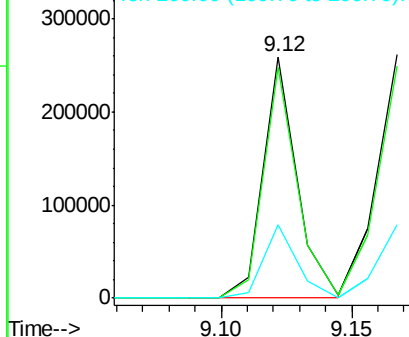
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

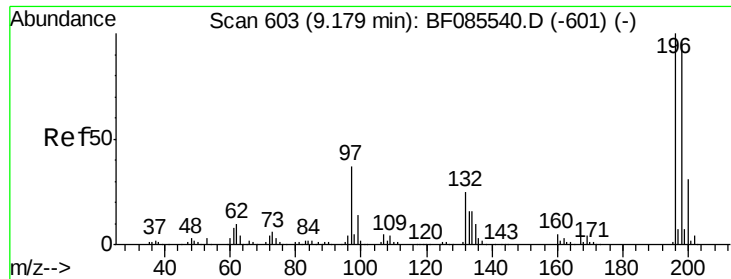


#42
 2,4,6-Trichlorophenol
 Concen: 38.03 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234255		
198	95.6	75.3	112.9	
200	30.5	23.7	35.5	

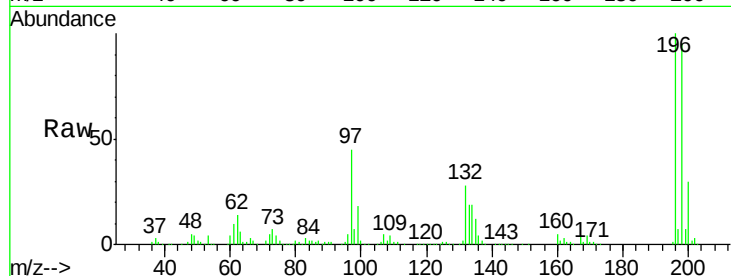
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 40.74 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

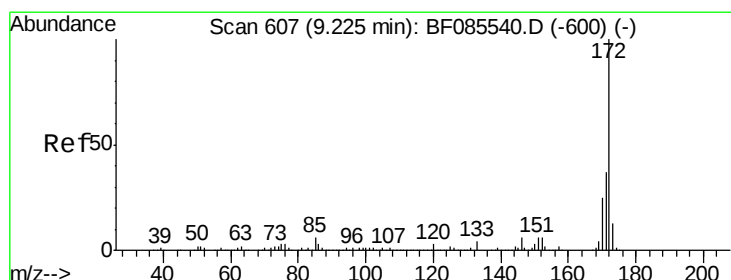
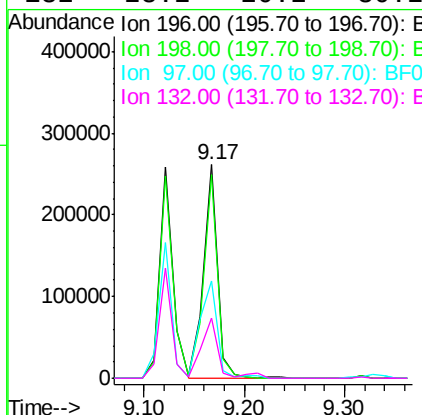
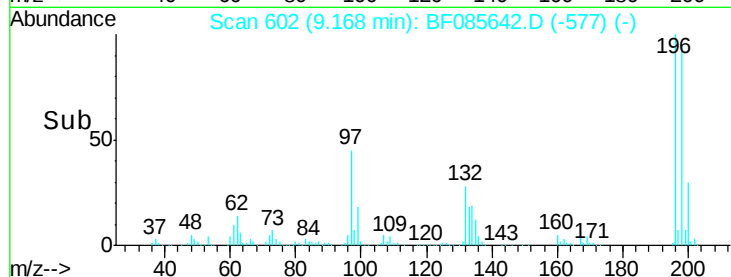
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	255420		
198	95.5	76.6	114.8	
97	45.4	30.5	45.7	
132	28.2	20.2	30.2	

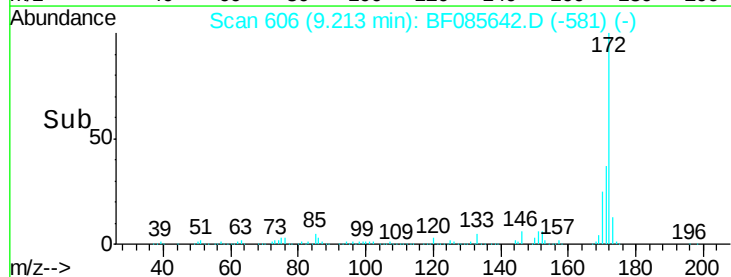
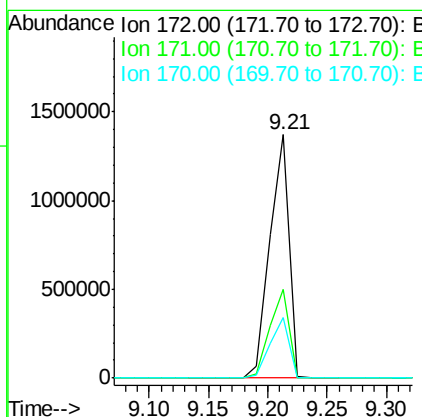
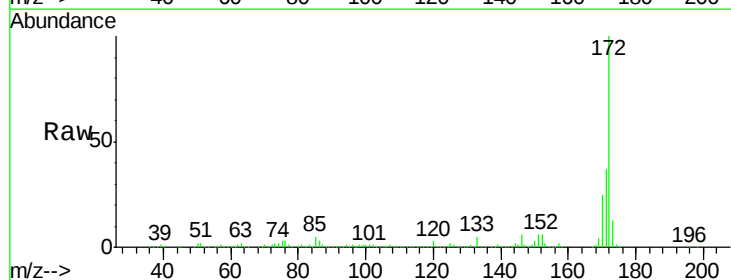
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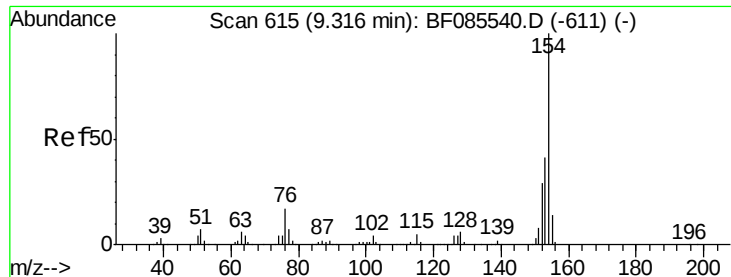
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#44
 2-Fluorobiphenyl
 Concen: 90.87 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1552980		
171	36.7	29.4	44.2	
170	25.0	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 37.49 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

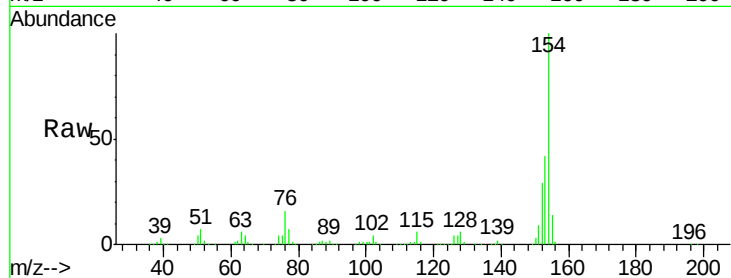
ClientSampleId :

SSTDCCC040

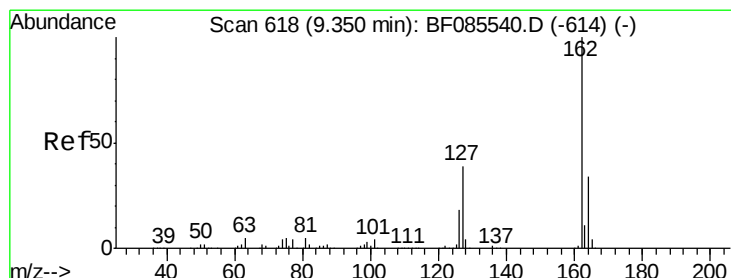
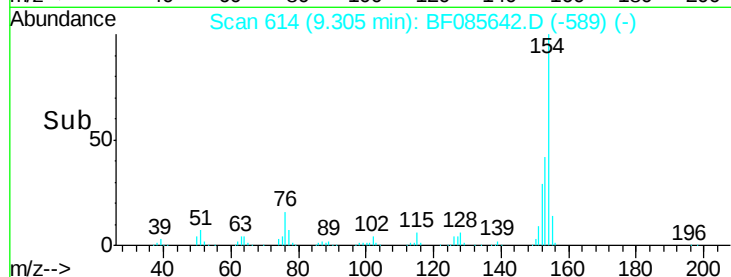
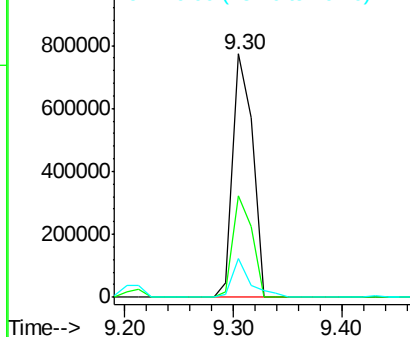
Tgt Ion:	154	Resp:	959333
Ion Ratio	Lower	Upper	
154	100		
153	41.8	20.8	60.8
76	15.8	0.0	36.7

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



#46

2-Chloronaphthalene

Concen: 41.24 ng

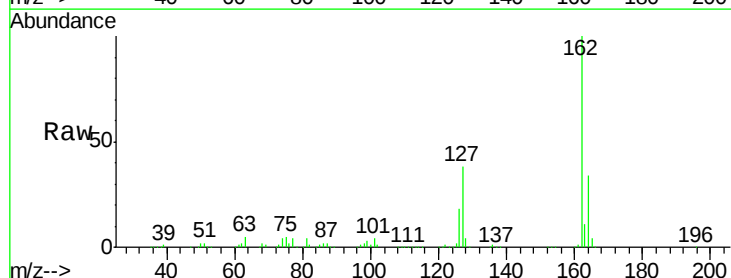
RT: 9.34 min Scan# 617

Delta R.T. -0.01 min

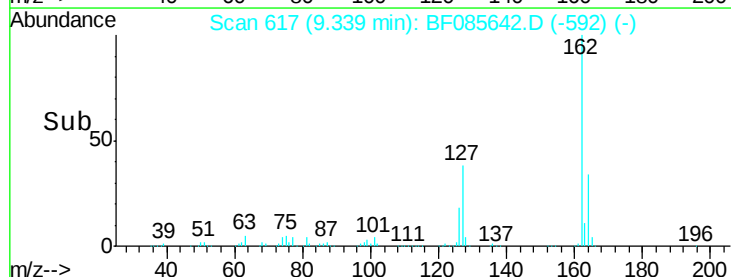
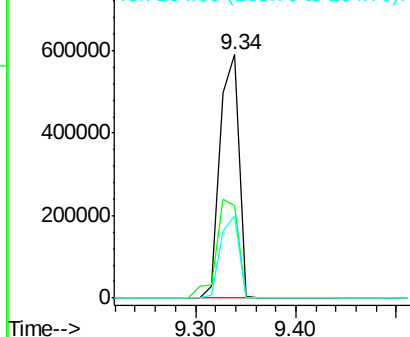
Lab File: BF085642.D

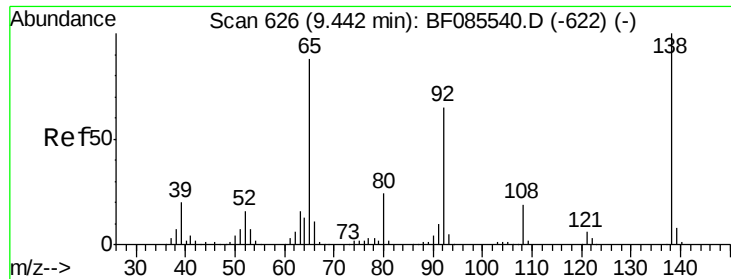
Acq: 22 Mar 2016 2:31

Tgt Ion:	162	Resp:	770890
Ion Ratio	Lower	Upper	
162	100		
127	38.2	31.7	47.5
164	33.6	27.3	40.9



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





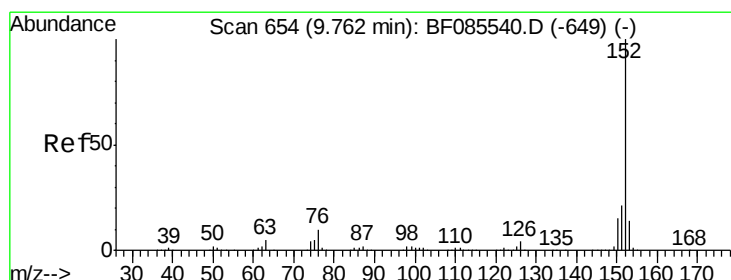
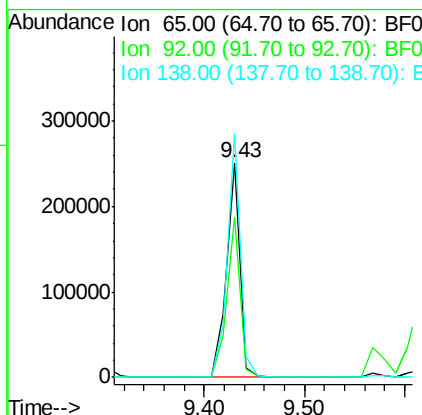
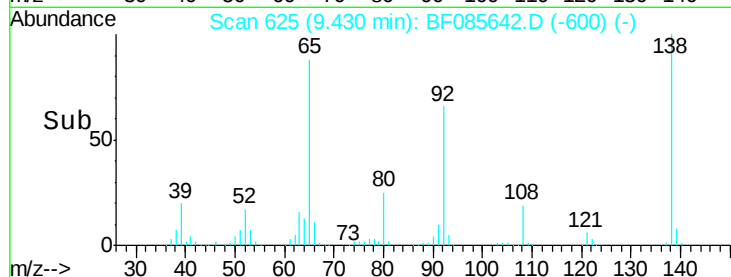
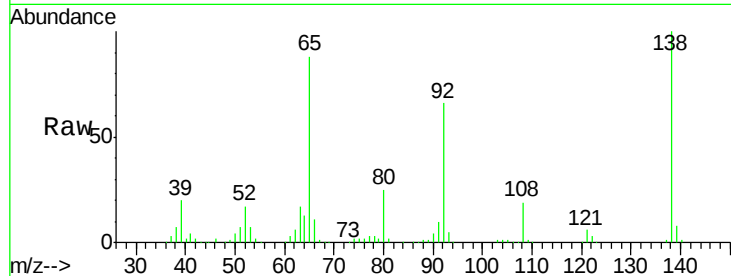
#47
 2-Nitroaniline
 Concen: 41.30 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	233539		
92	74.8	59.7	89.5	
138	113.5	91.4	137.0	

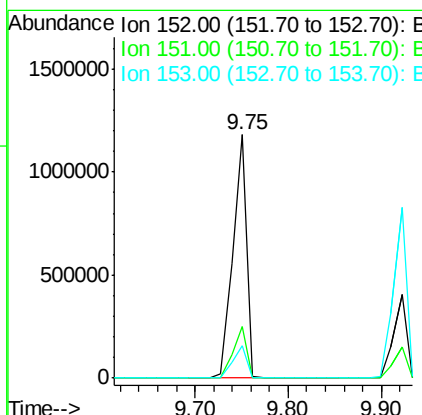
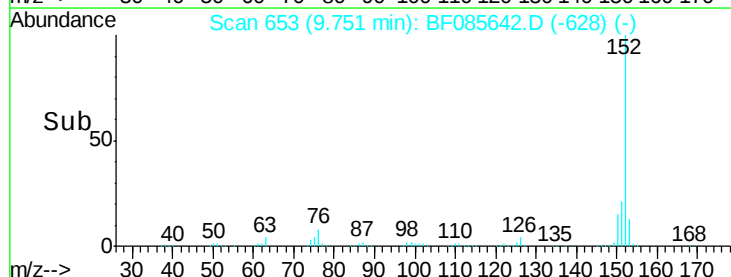
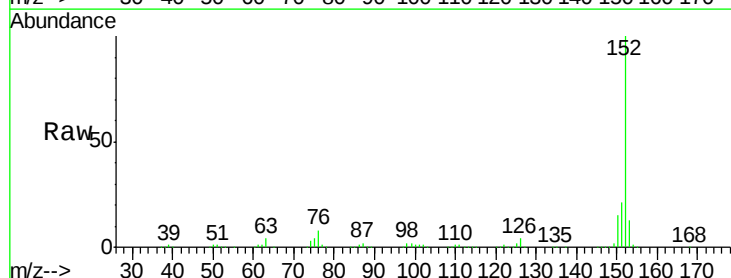
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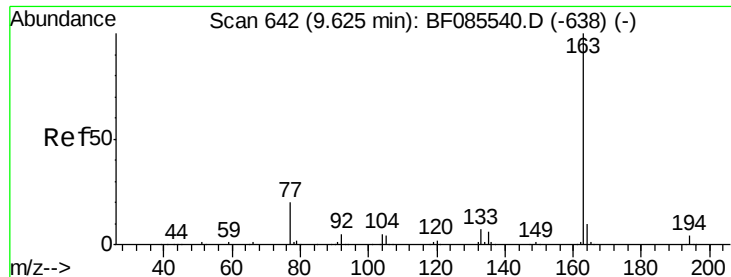
Sohil
 3/22/2016 5:34:35 PM



#48
 Acenaphthylene
 Concen: 40.07 ng
 RT: 9.75 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1212131		
151	21.0	16.8	25.2	
153	13.4	10.9	16.3	





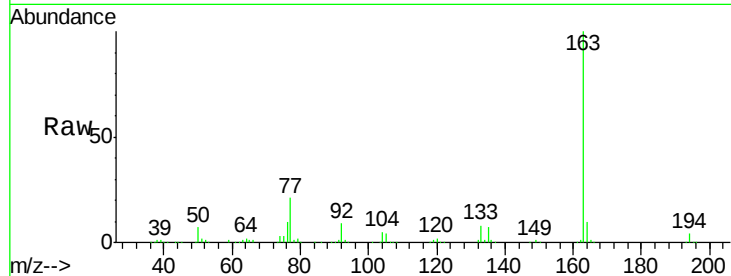
#49
Dimethylphthalate
Concen: 39.27 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

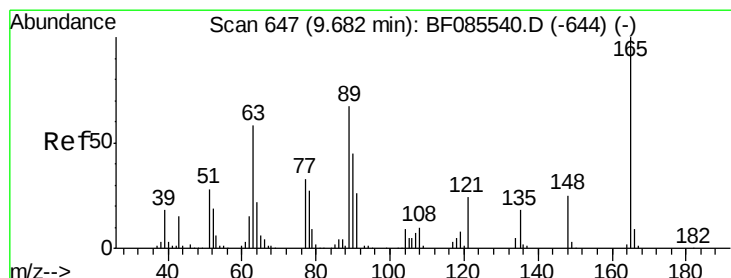
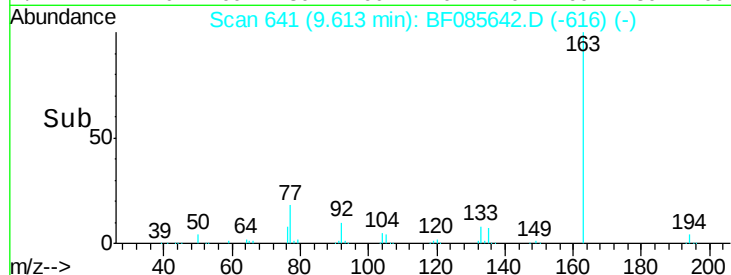
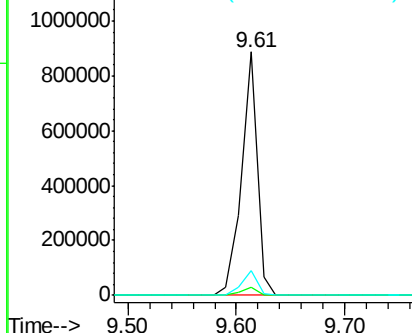
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.9	4.3
164	10.4	8.3	12.5

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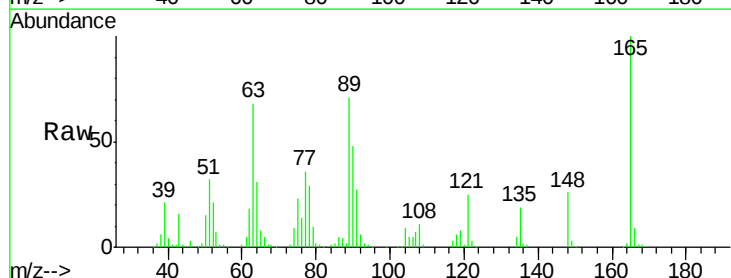


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

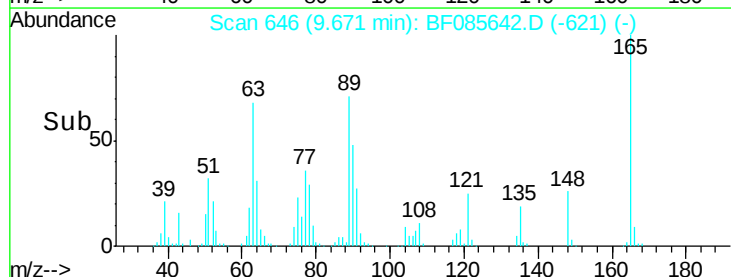
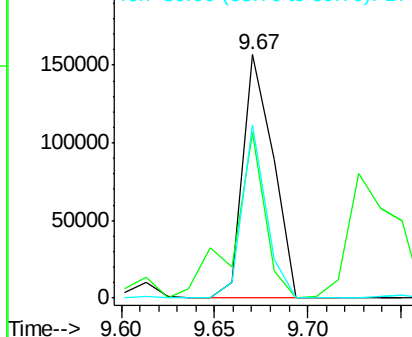


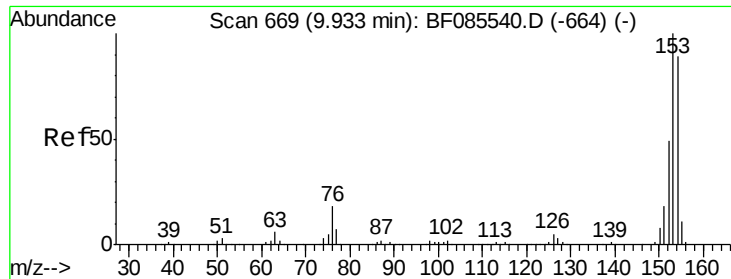
#50
2,6-Dinitrotoluene
Concen: 37.41 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	67.8	51.8	77.8
89	71.3	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





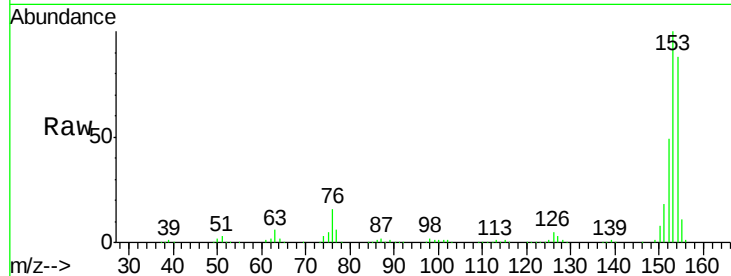
#51
Acenaphthene
Concen: 38.39 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

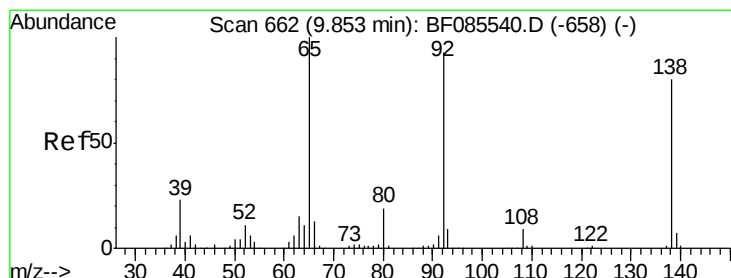
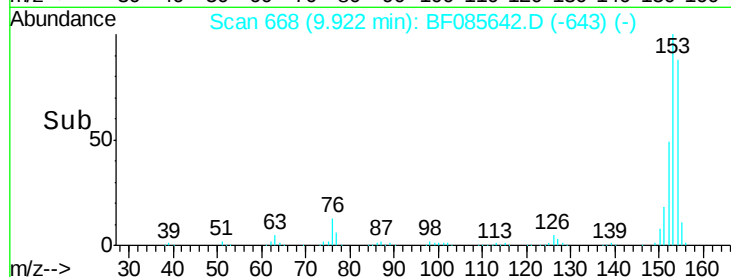
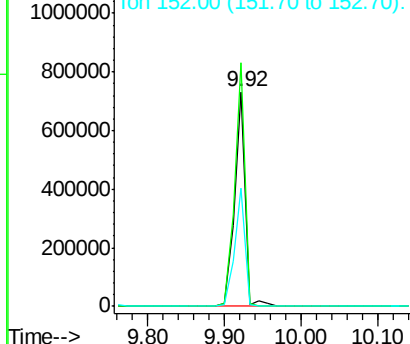
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	728850		
153	113.6	90.1	135.1	
152	55.3	44.2	66.2	

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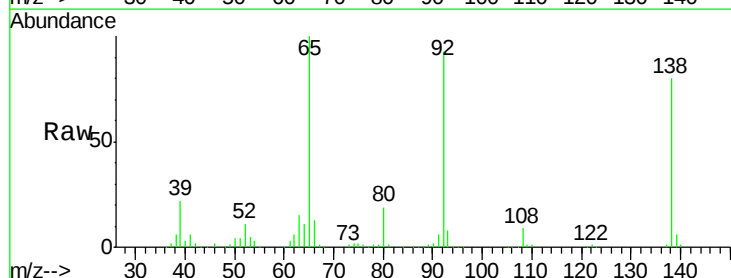


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

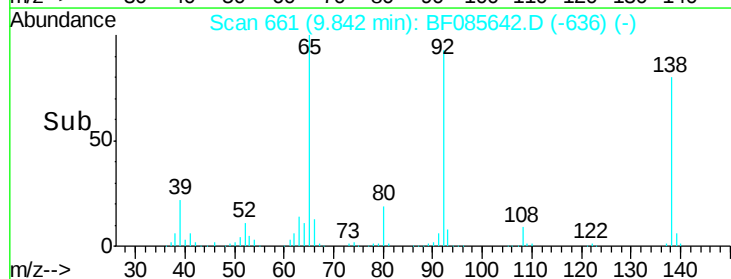
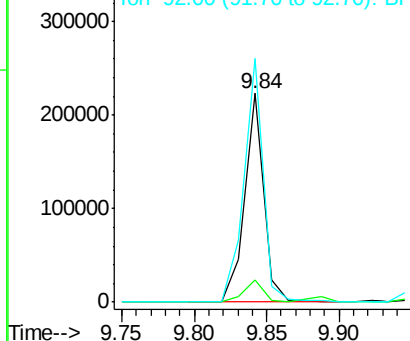


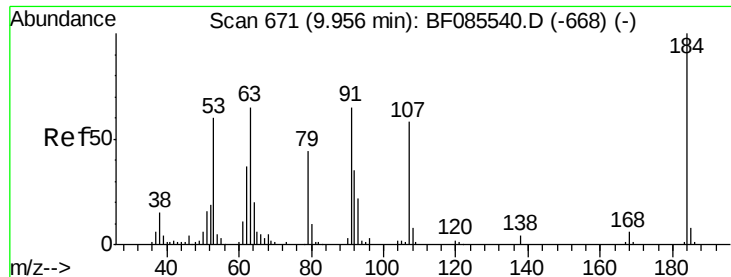
#52
3-Nitroaniline
Concen: 34.51 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	204244		
108	10.8	8.7	13.1	
92	116.6	93.3	139.9	



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





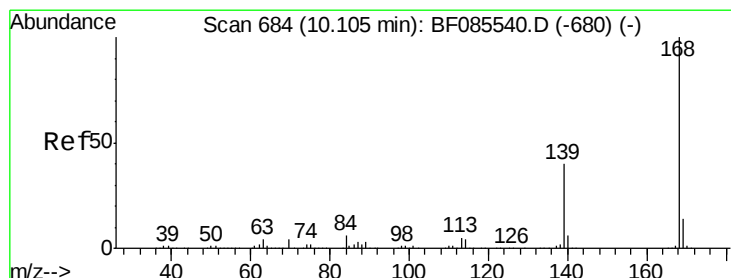
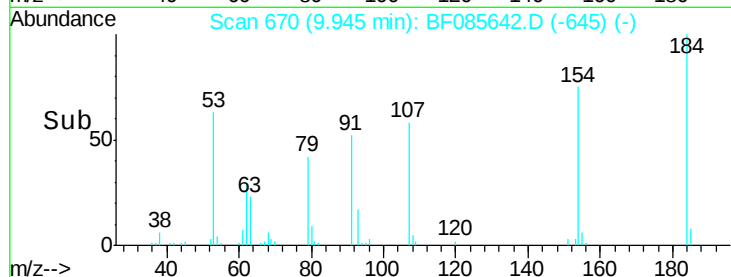
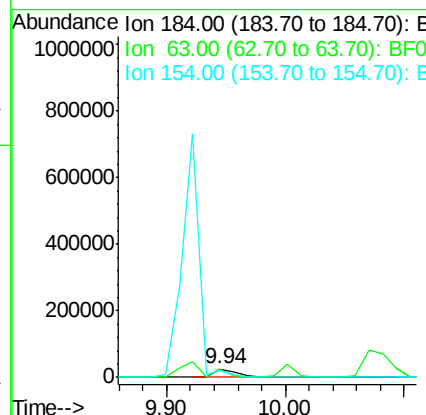
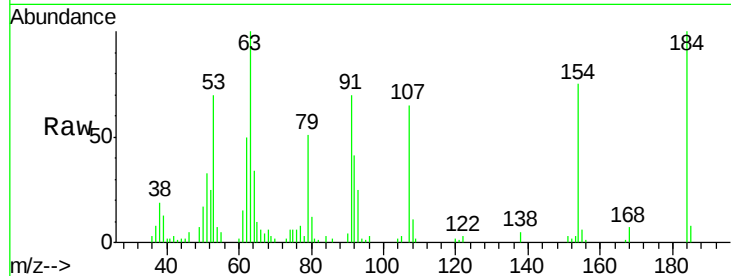
#53
2,4-Dinitrophenol
Concen: 12.20 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	35312		
63	99.9	69.5	104.3	
154	74.8	58.3	87.5	

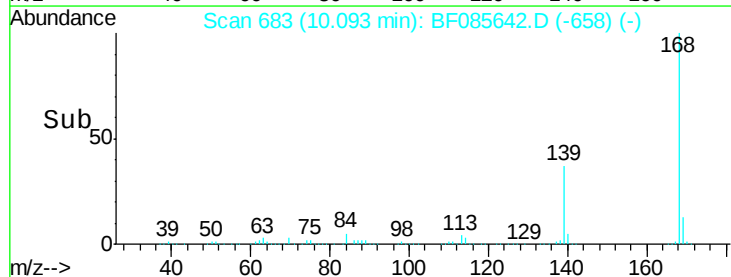
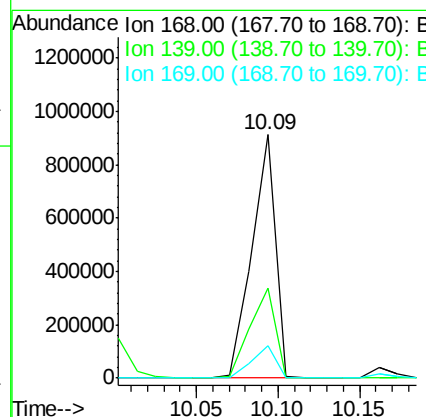
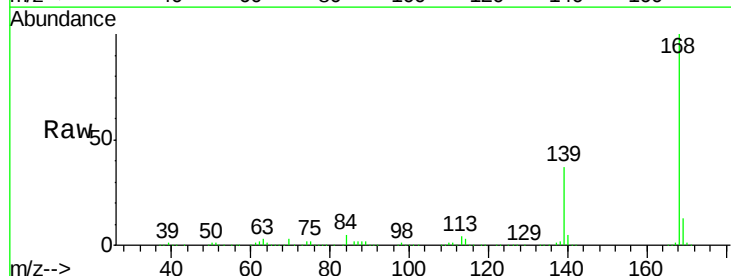
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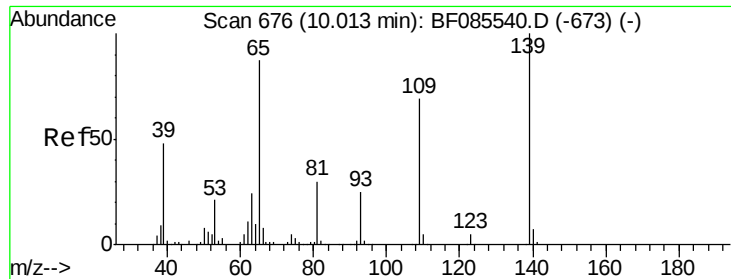
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#54
Dibenzofuran
Concen: 39.72 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	918287		
139	37.1	31.9	47.9	
169	13.3	11.0	16.6	





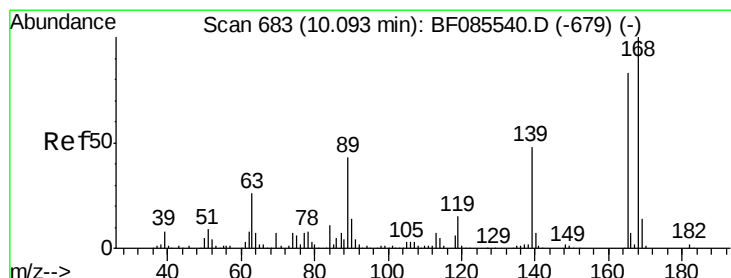
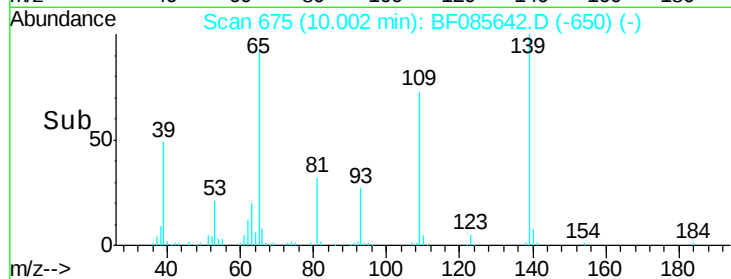
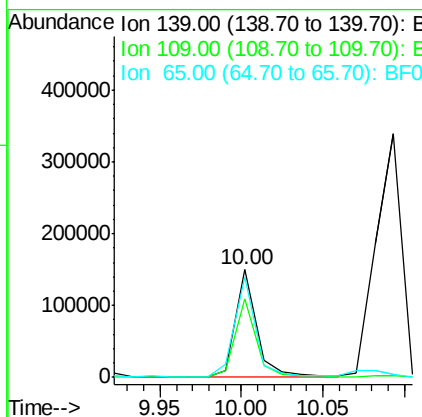
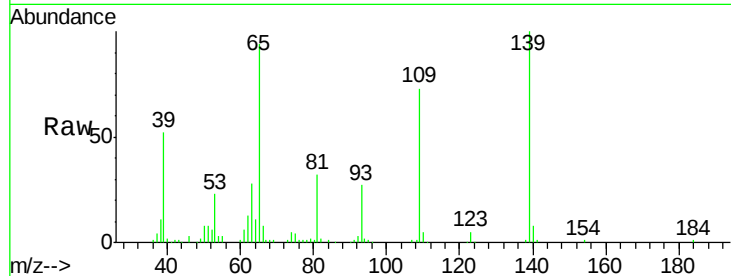
#55
4-Nitrophenol
Concen: 29.73 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	135995		
109	73.3	49.2	89.2	
65	93.6	66.9	106.9	

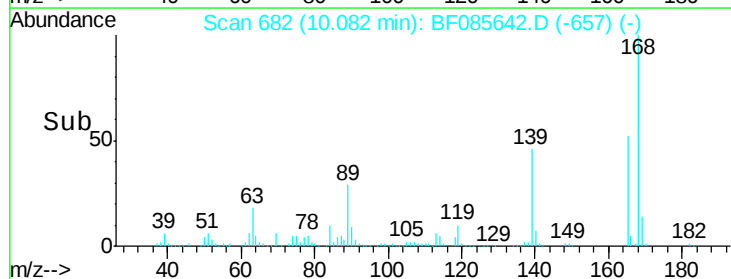
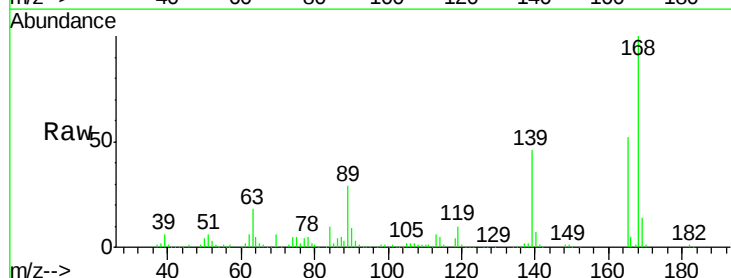
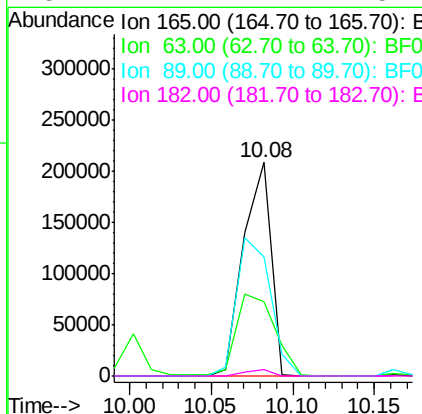
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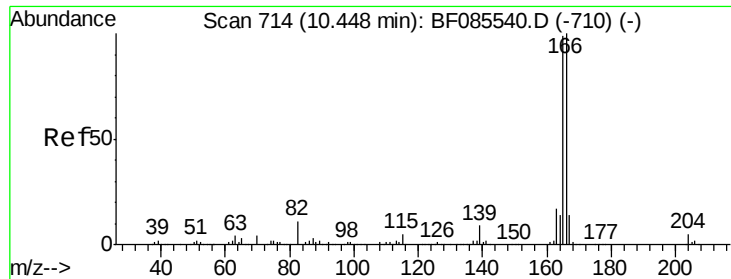
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#56
2,4-Dinitrotoluene
Concen: 39.49 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	244331		
63	34.6	24.9	37.3	
89	55.8	41.0	61.6	
182	2.7	2.1	3.1	





#57

Fluorene

Concen: 38.25 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085642.D

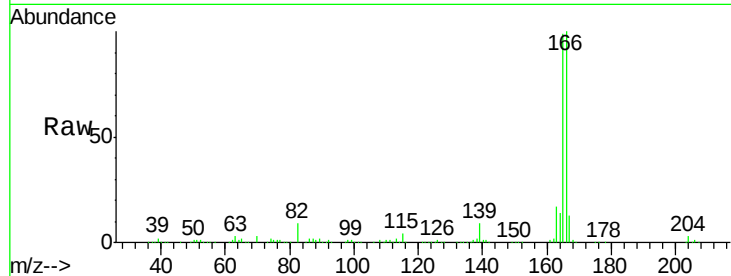
Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

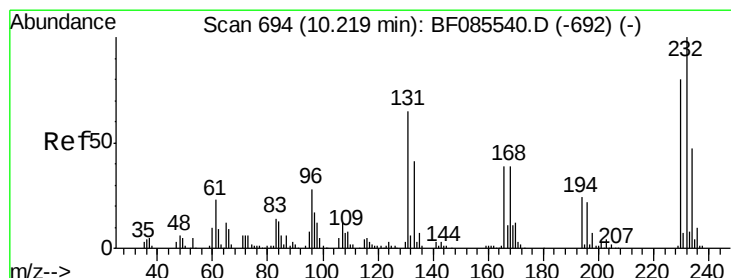
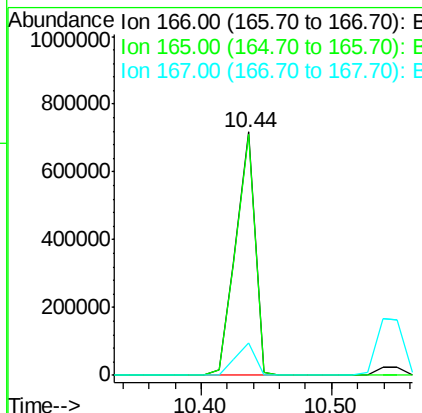
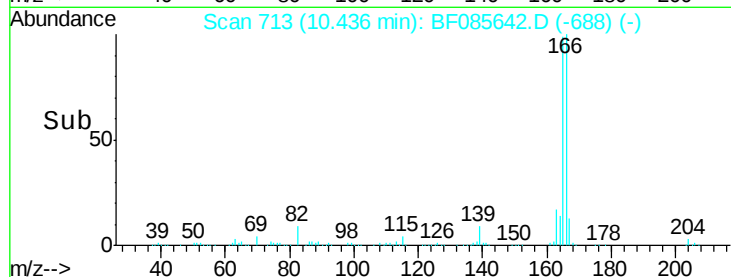
SSTDCCC040



Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.4	119.0
167	13.2	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

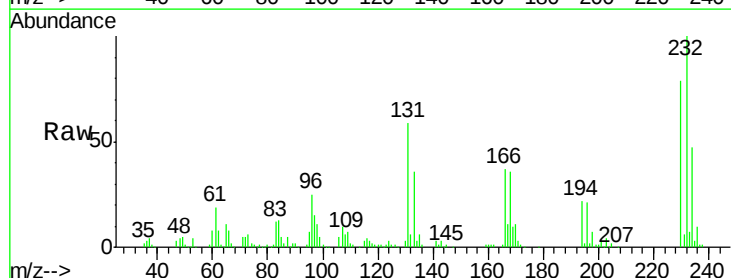
Concen: 35.19 ng

RT: 10.21 min Scan# 693

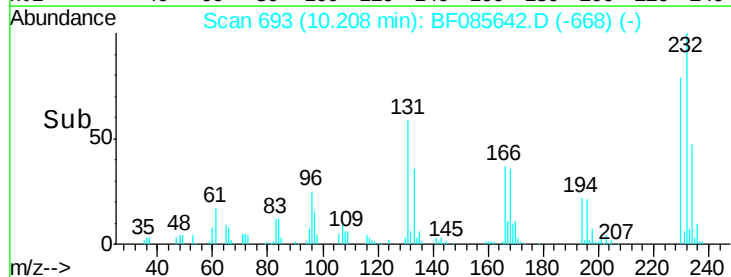
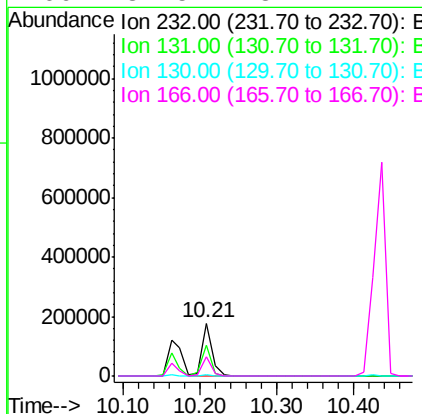
Delta R.T. -0.01 min

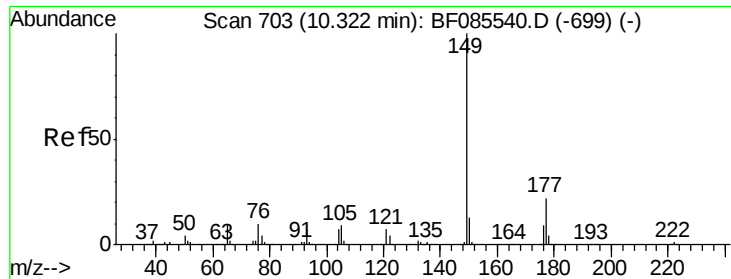
Lab File: BF085642.D

Acq: 22 Mar 2016 2:31



Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.4	44.9	67.3
130	2.7	2.3	3.5
166	34.5	28.1	42.1





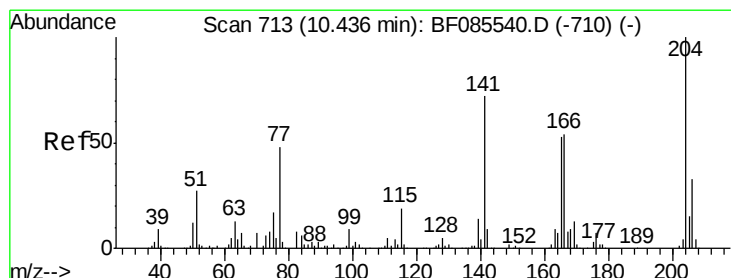
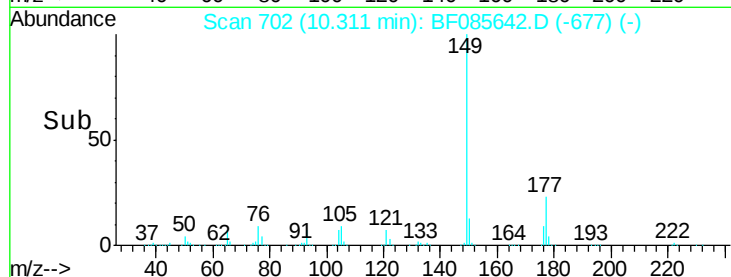
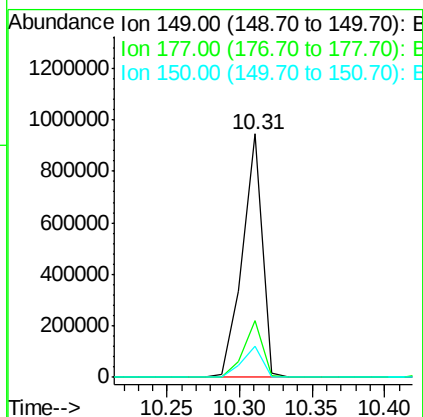
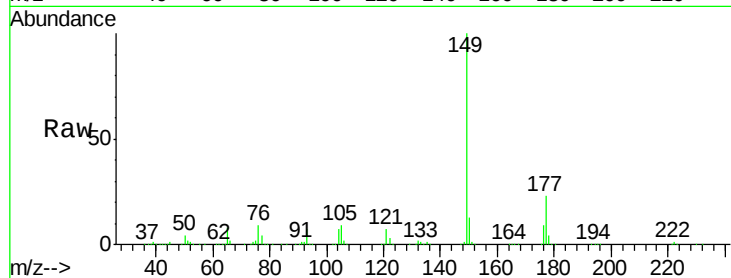
#59
Diethylphthalate
Concen: 40.41 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	899352		
177	23.2	17.9	26.9	
150	12.6	10.2	15.2	

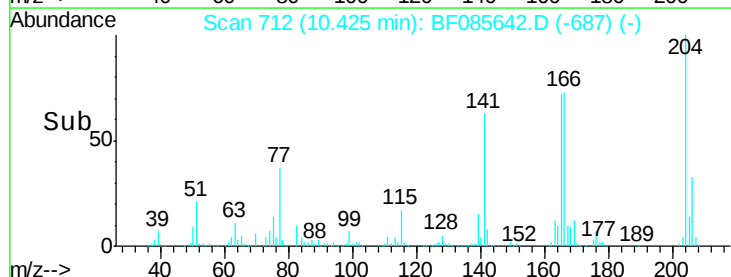
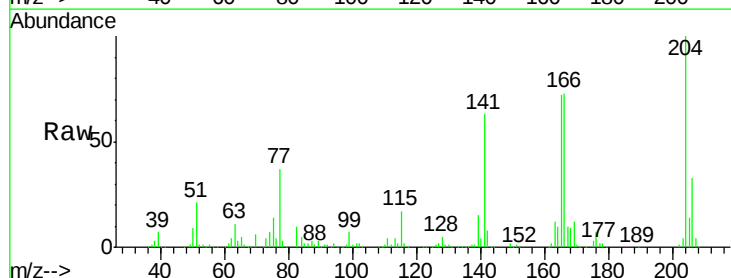
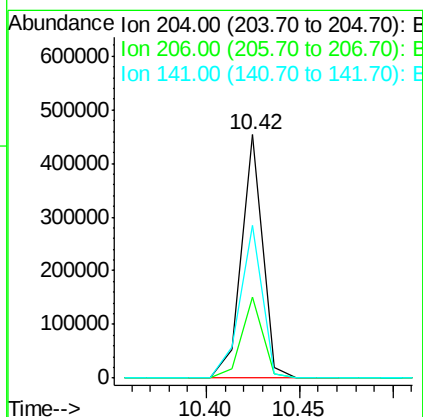
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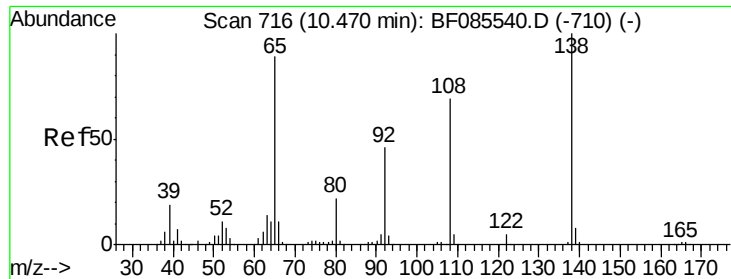
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#60
4-Chlorophenyl-phenylether
Concen: 38.61 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	363255		
206	33.3	26.6	39.8	
141	62.6	57.4	86.0	





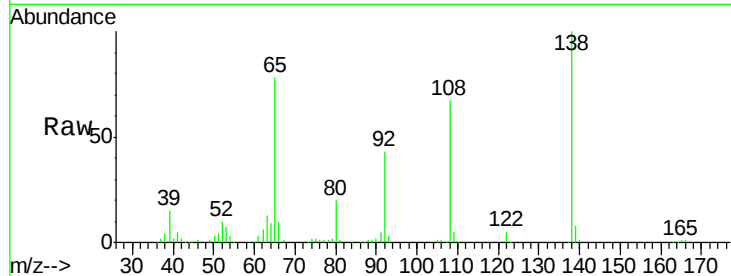
#61
4-Nitroaniline
Concen: 36.93 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

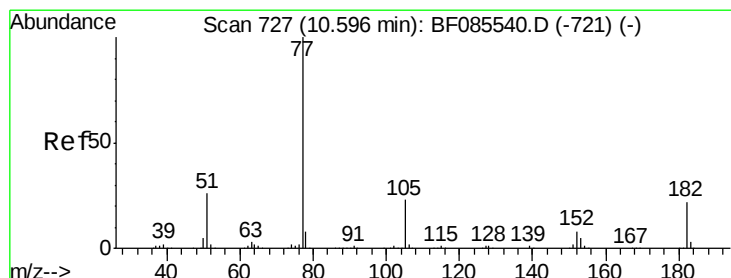
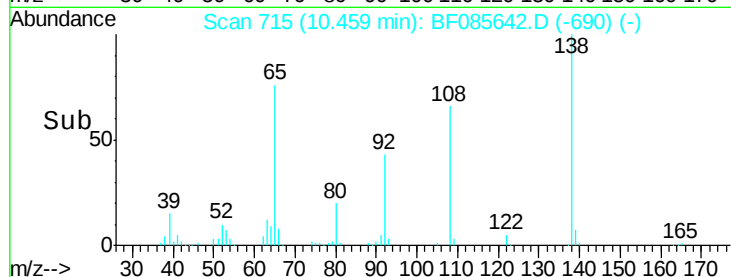
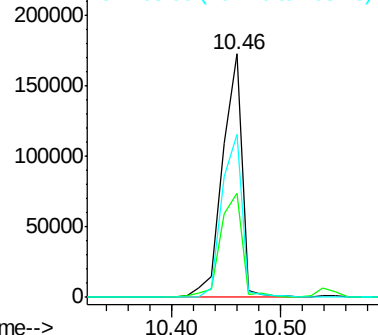
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	215468		
92	42.6	26.4	66.4	
108	67.2	49.0	89.0	

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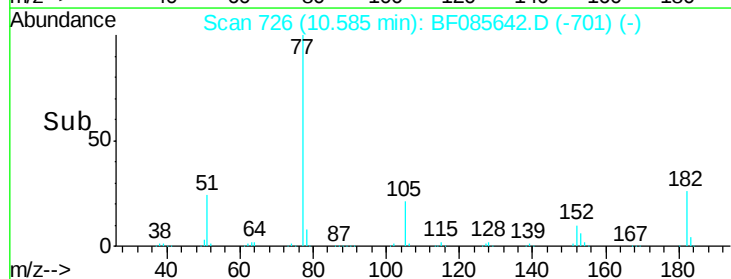
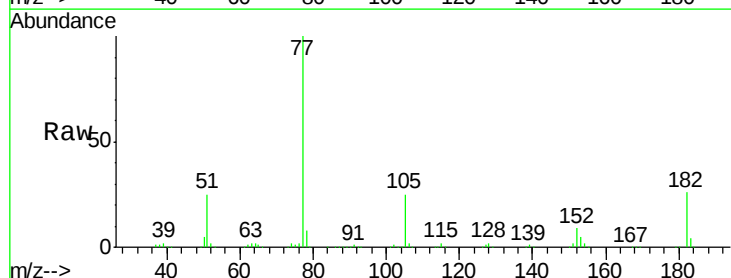
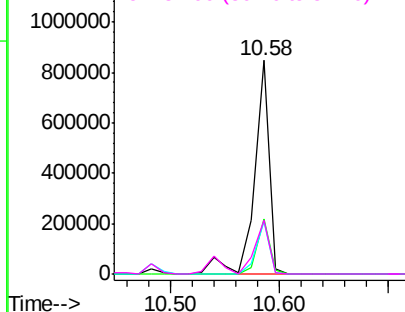
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

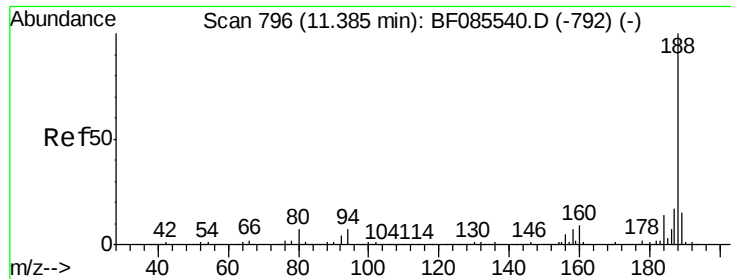


#62
Azobenzene
Concen: 38.11 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	814000		
182	25.8	1.9	41.9	
105	24.7	3.5	43.5	
51	25.1	6.3	46.3	

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





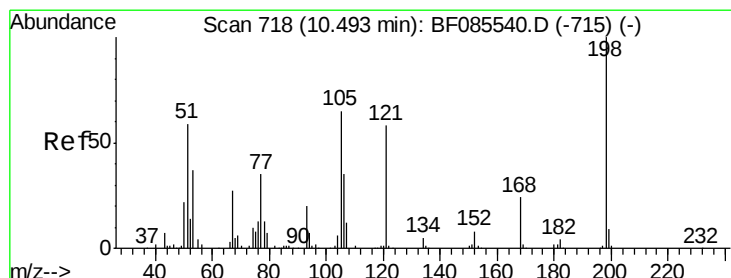
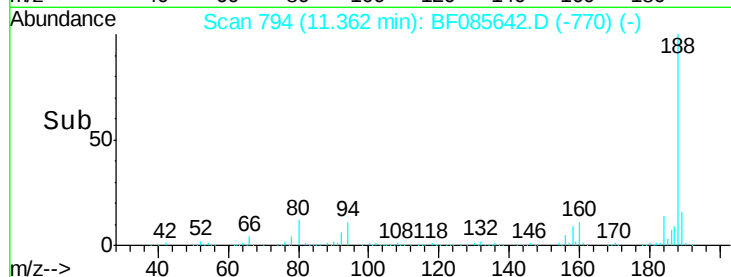
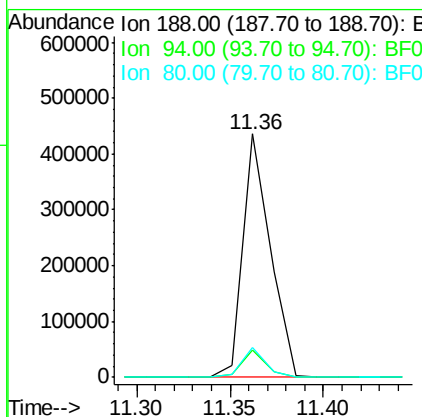
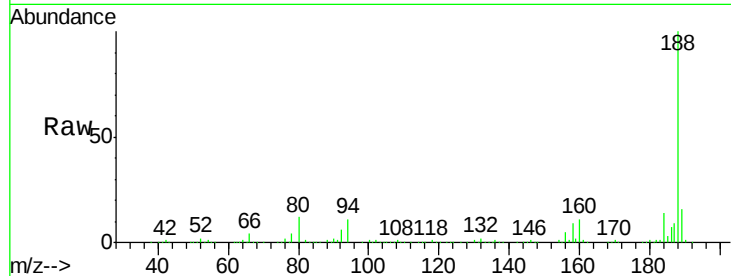
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.4	5.4	8.0#
80	12.3	5.5	8.3#

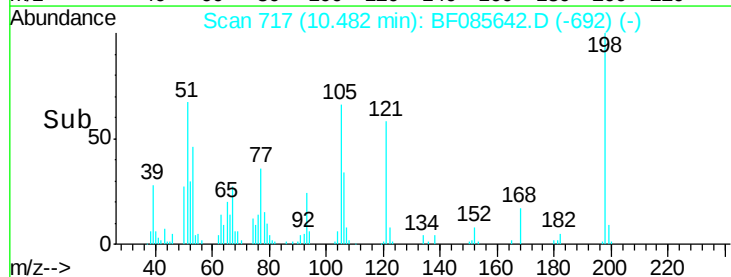
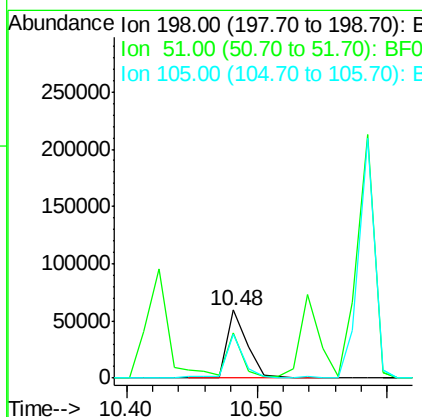
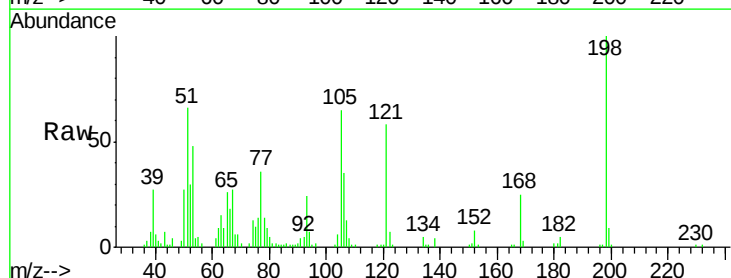
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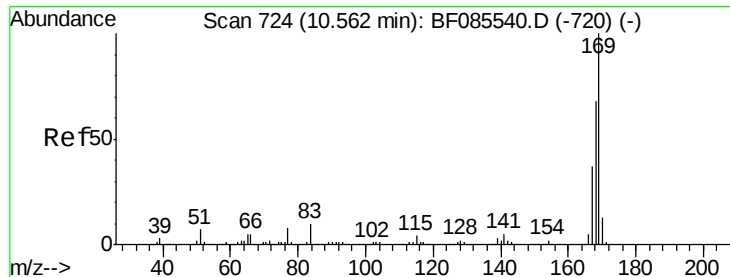
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#64
4,6-Dinitro-2-methylphenol
Concen: 22.02 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	66.5	45.4	85.4
105	65.4	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 45.71 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

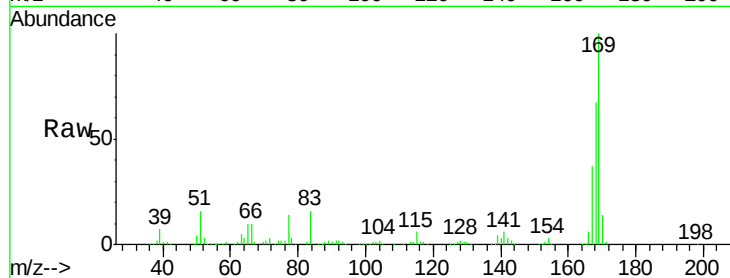
ClientSampleId :

SSTDCCC040

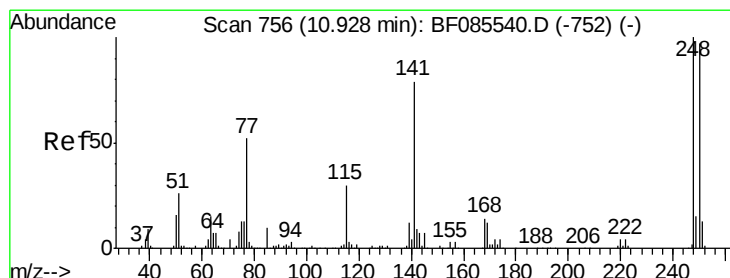
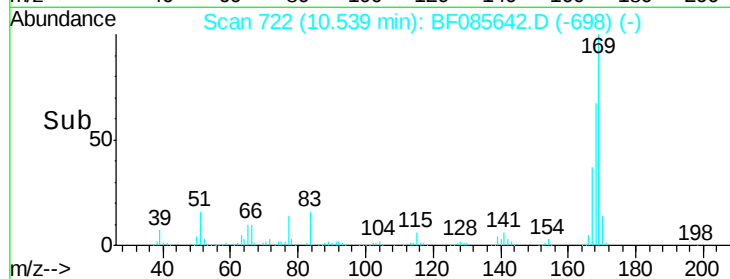
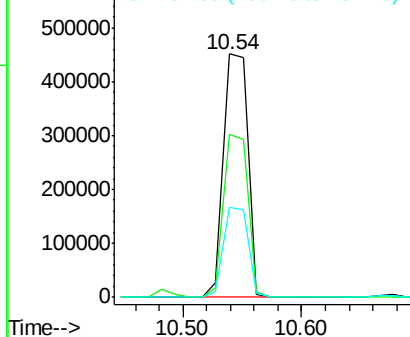
Tgt Ion:	169	Resp:	637625
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.4	81.6
167	37.2	29.4	44.0

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



#66

4-Bromophenyl-phenylether

Concen: 50.34 ng

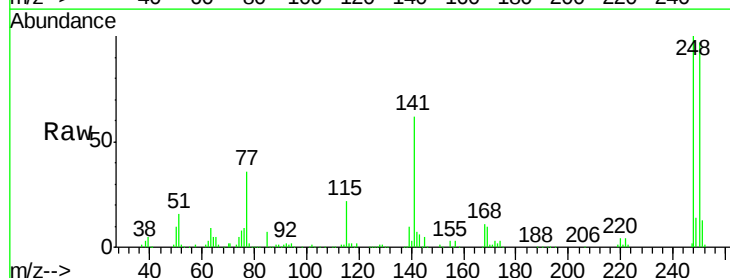
RT: 10.92 min Scan# 755

Delta R.T. -0.01 min

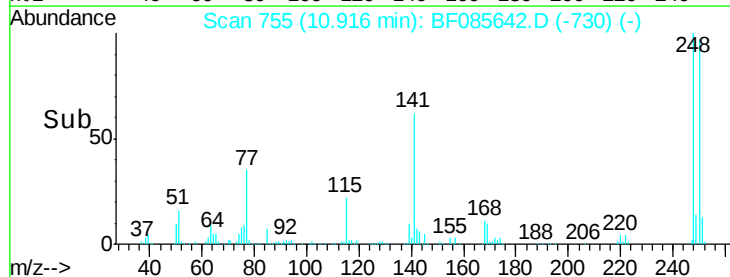
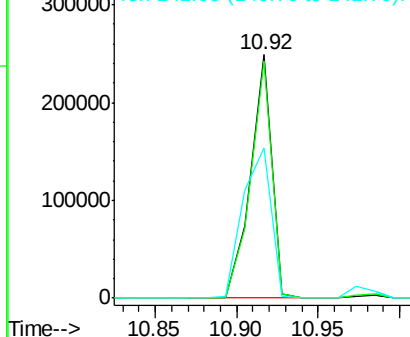
Lab File: BF085642.D

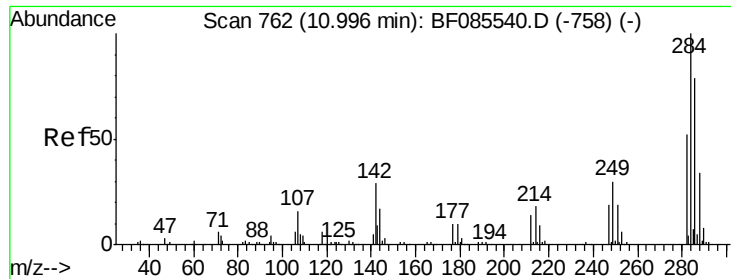
Acq: 22 Mar 2016 2:31

Tgt Ion:	248	Resp:	225196
Ion Ratio	Lower	Upper	
248	100		
250	97.3	77.4	116.0
141	61.7	63.6	95.4#



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





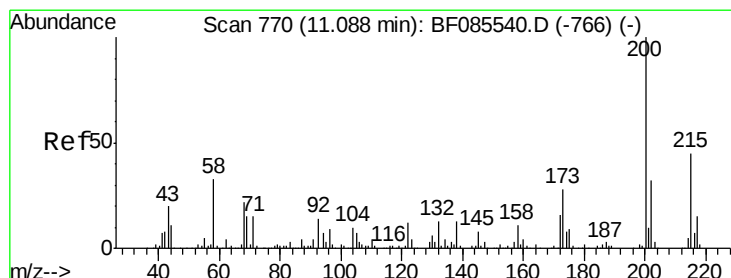
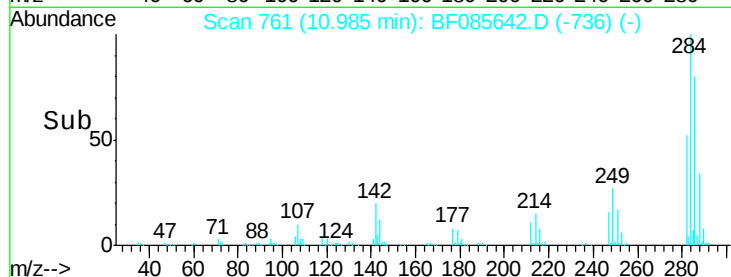
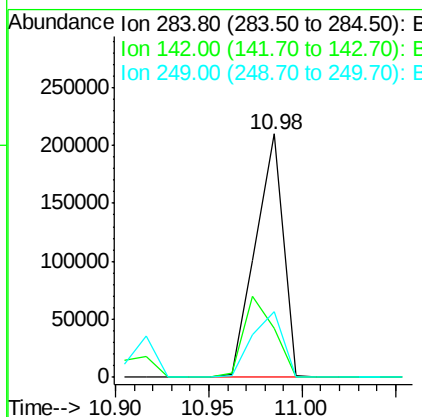
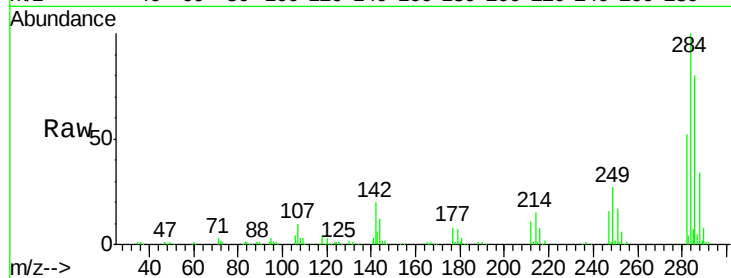
#67
Hexachlorobenzene
Concen: 45.44 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	20.1	23.1	34.7#
249	26.8	24.2	36.2

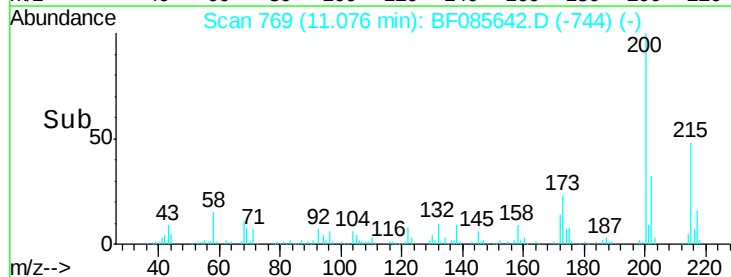
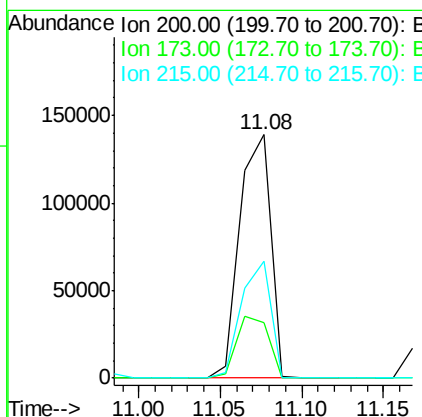
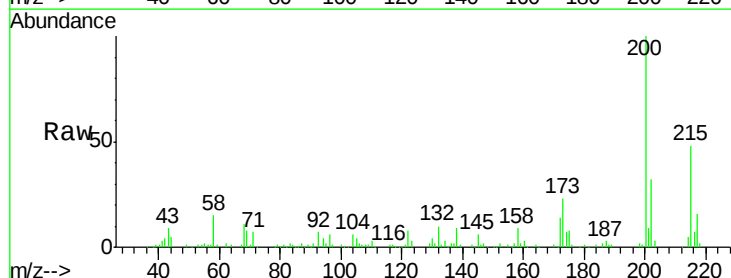
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#68
Atrazine
Concen: 42.99 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.0	7.7	47.7
215	48.3	25.4	65.4





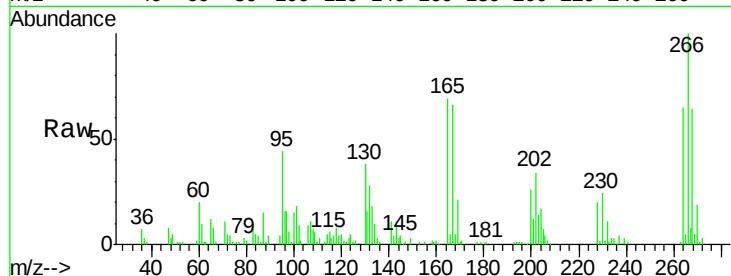
#69
 Pentachlorophenol
 Concen: 34.67 ng
 RT: 11.17 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

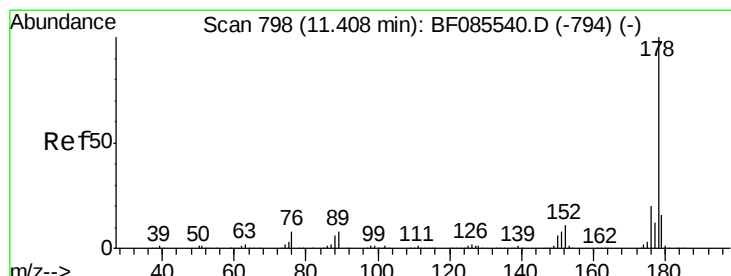
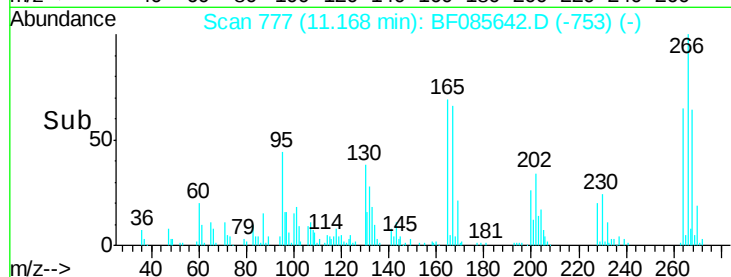
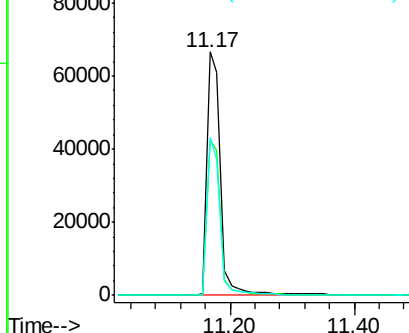
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	100060		
268	63.9	51.5	77.3	
264	64.9	50.6	76.0	

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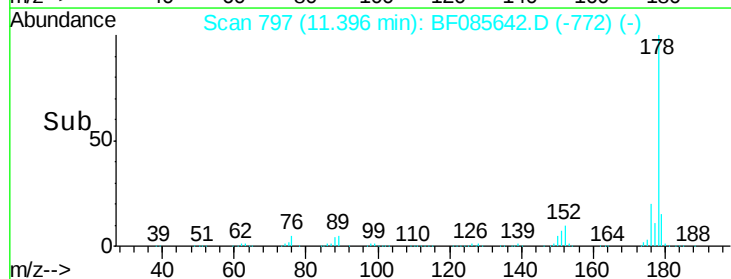
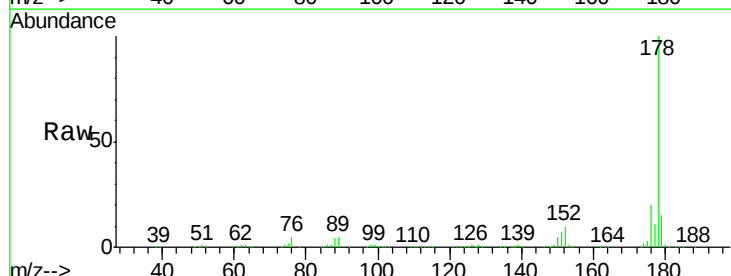
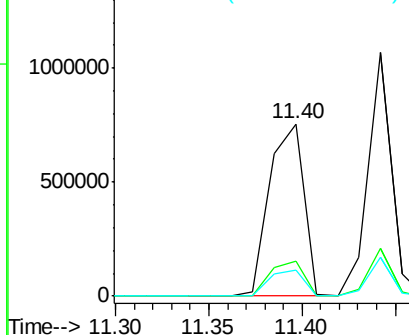
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

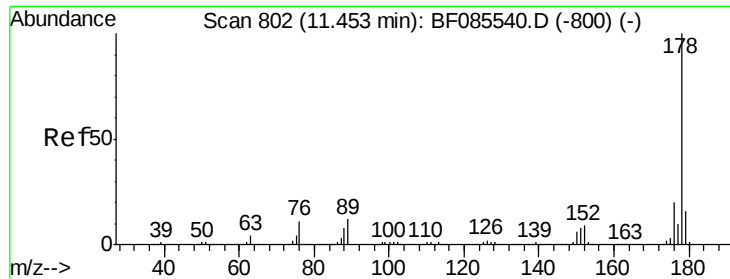


#70
 Phenanthrene
 Concen: 40.95 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	966875		
176	20.0	16.3	24.5	
179	15.2	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





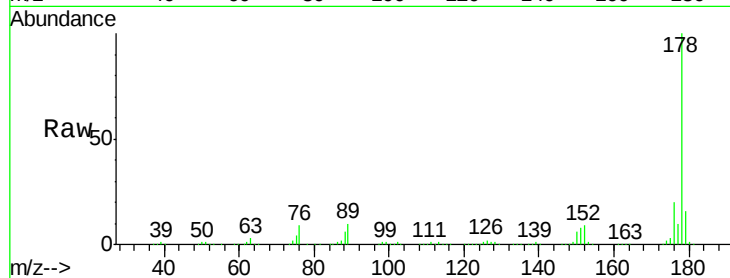
#71
 Anthracene
 Concen: 37.31 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

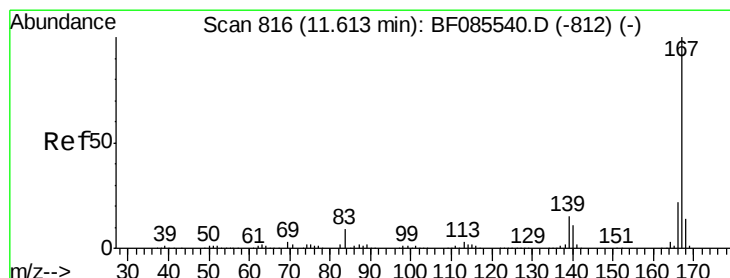
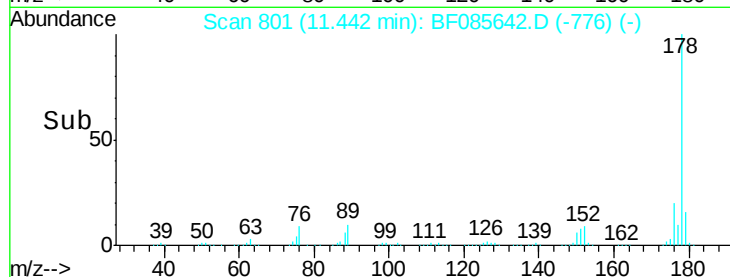
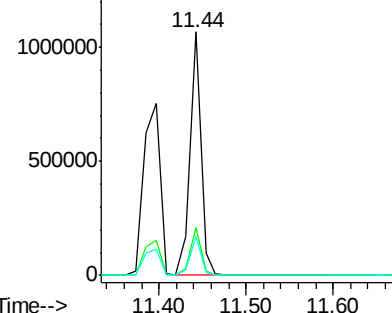
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.8	13.0	19.4

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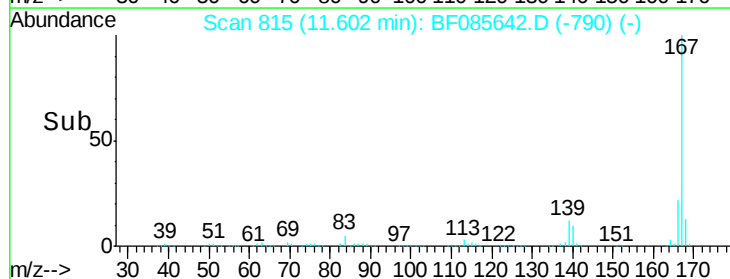
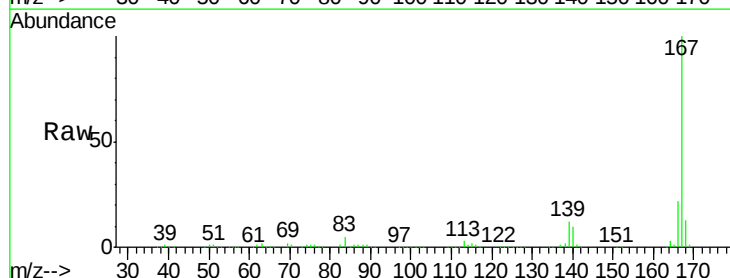
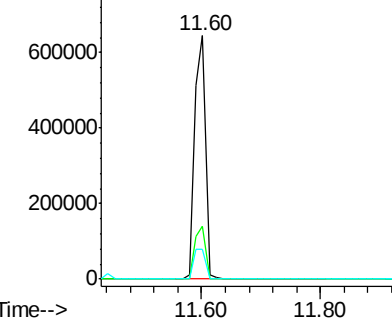
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

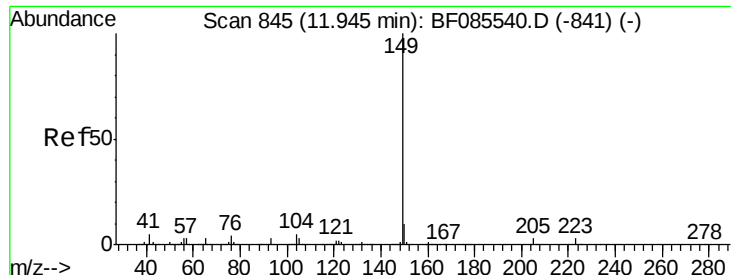


#72
 Carbazole
 Concen: 38.47 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.8
139	12.4	11.6	17.4

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





#73

Di-n-butylphthalate

Concen: 43.31 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1158530

Ion Ratio Lower Upper

149 100

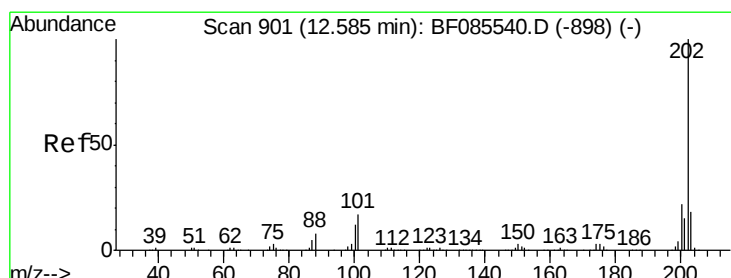
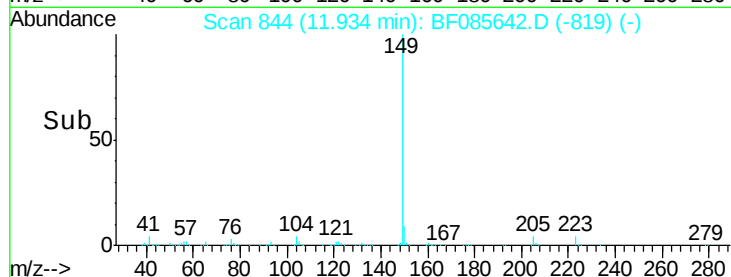
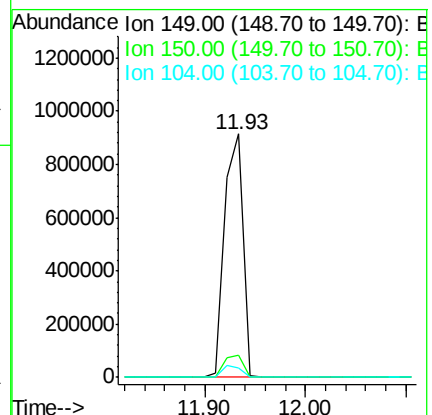
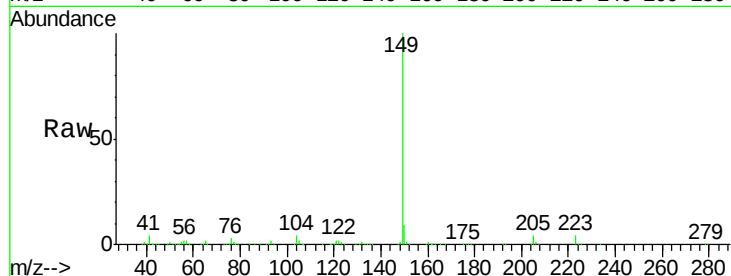
150 8.9 7.6 11.4

104 4.0 3.8 5.8

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#74

Fluoranthene

Concen: 32.17 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

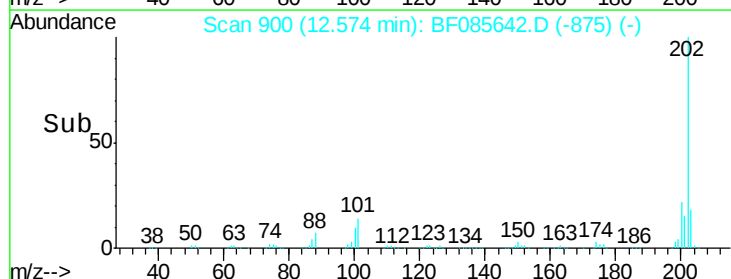
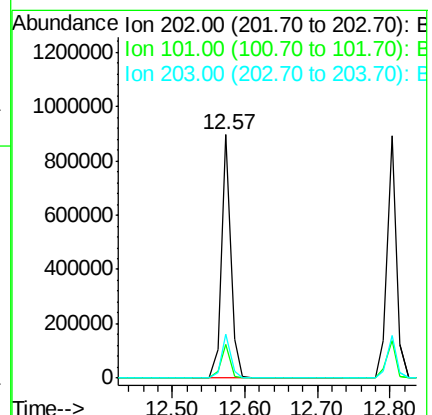
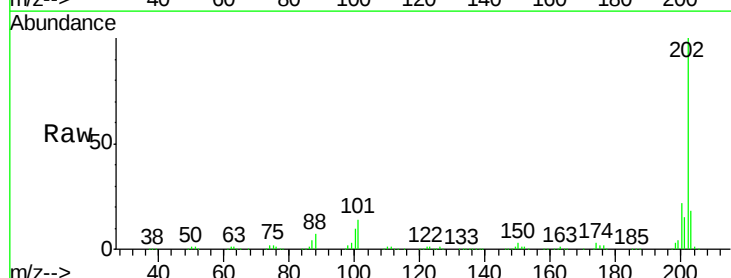
Tgt Ion:202 Resp: 795294

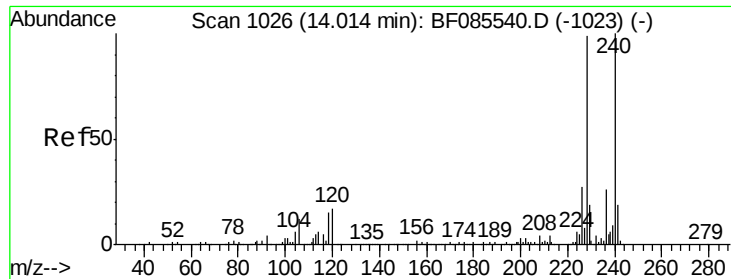
Ion Ratio Lower Upper

202 100

101 13.8 0.0 36.6

203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

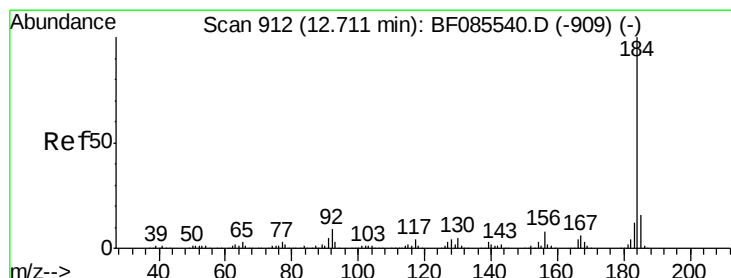
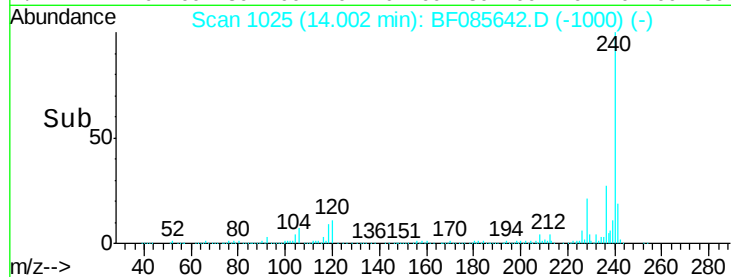
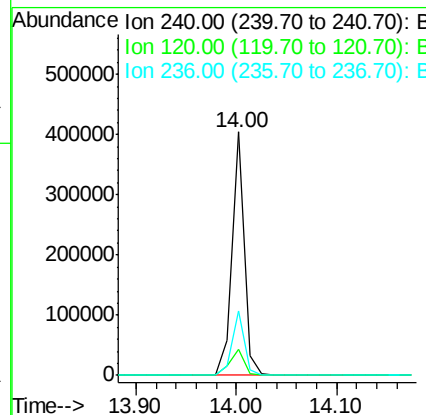
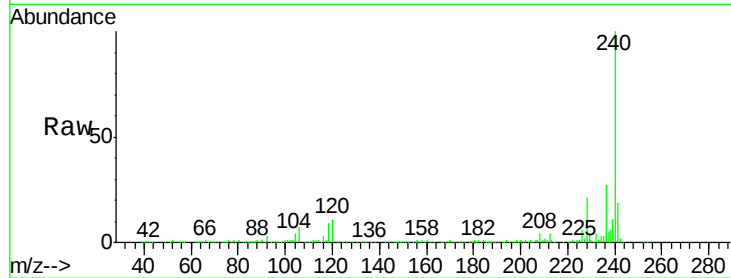
ClientSampleId :

SSTDCCC040

Tgt Ion:	240	Resp:	344151
Ion Ratio	Lower	Upper	
240	100		
120	10.6	13.8	20.8#
236	26.5	20.6	30.8

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#76

Benzidine

Concen: 32.71 ng

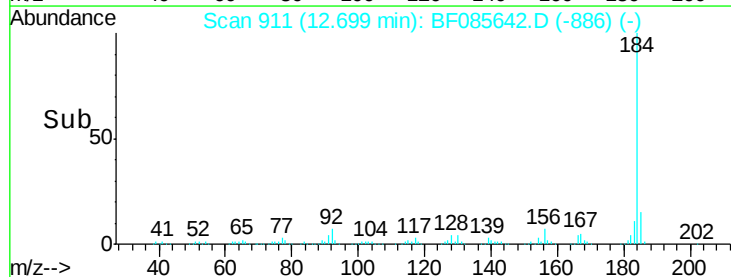
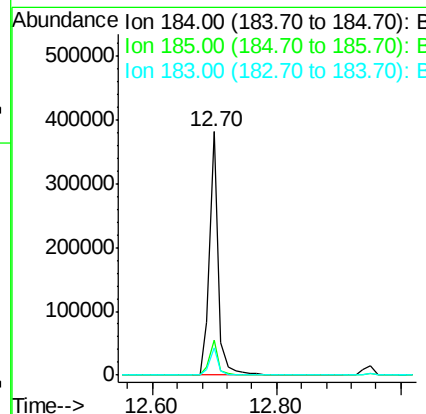
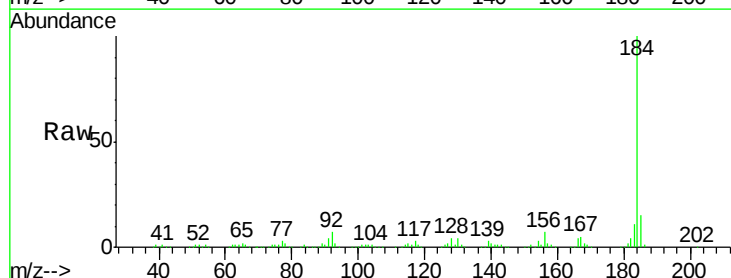
RT: 12.70 min Scan# 911

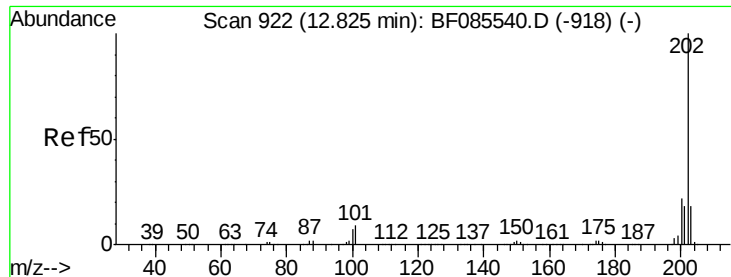
Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion:	184	Resp:	378579
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.4	18.6
183	11.3	9.4	14.2





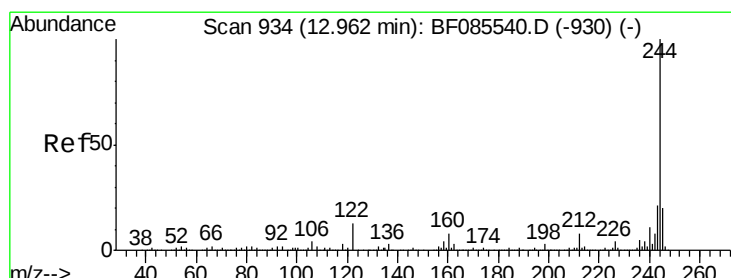
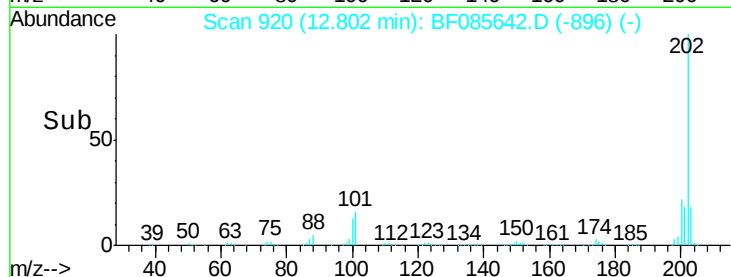
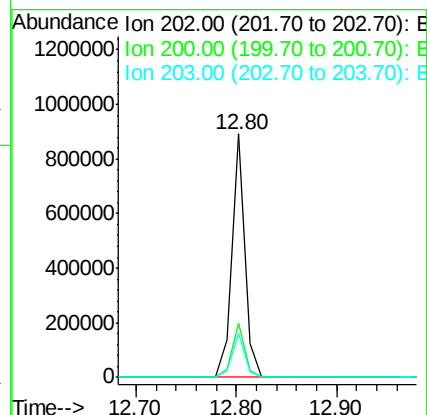
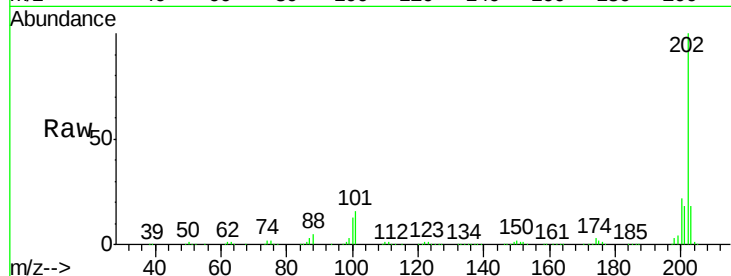
#77
Pyrene
 Concen: 32.30 ng
 RT: 12.80 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	22.4	17.6	26.4
203	17.9	14.0	21.0

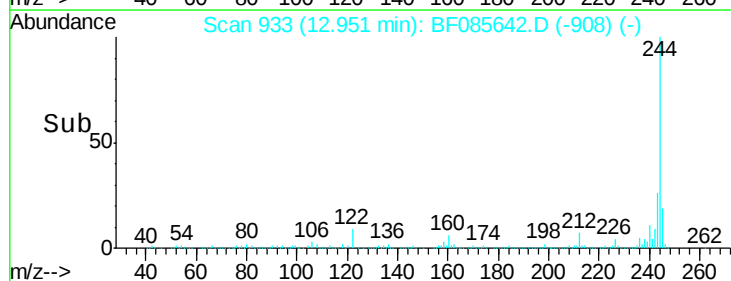
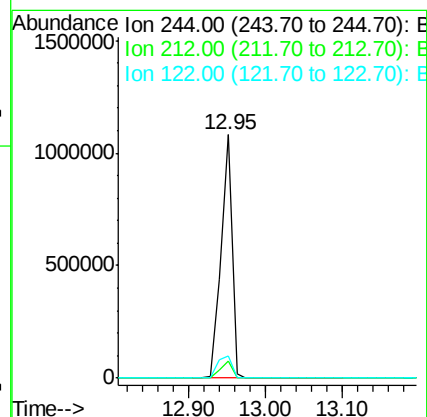
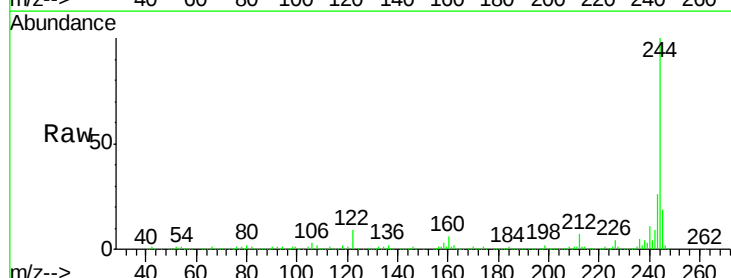
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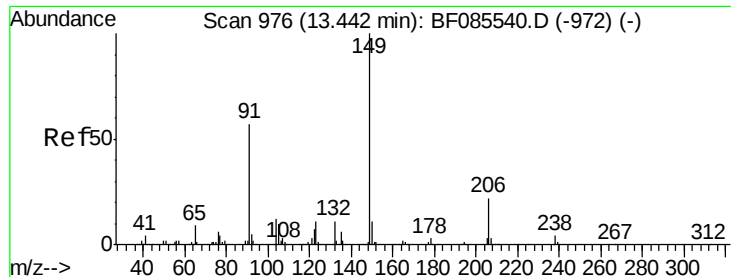
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#78
Terphenyl-d14
 Concen: 74.68 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.1	9.1
122	8.9	10.2	15.4#





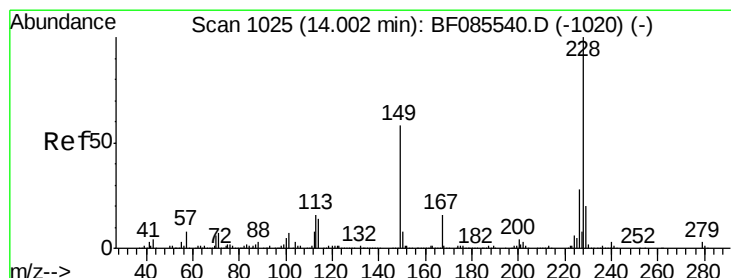
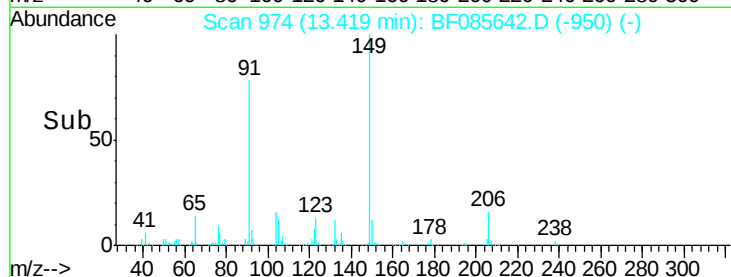
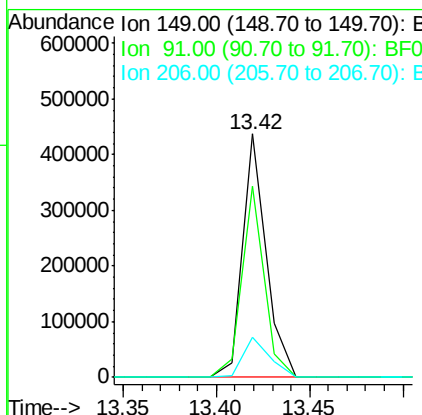
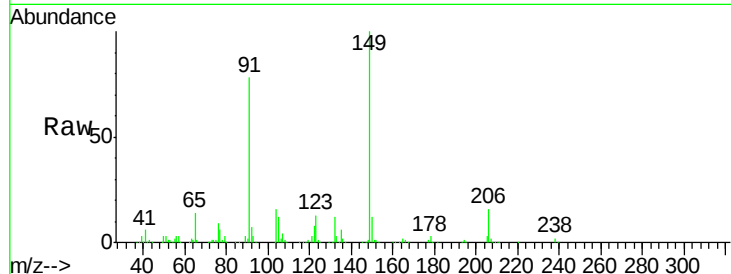
#79
Butylbenzylphthalate
Concen: 32.75 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	78.3	45.8	68.8#
206	16.5	17.8	26.8#

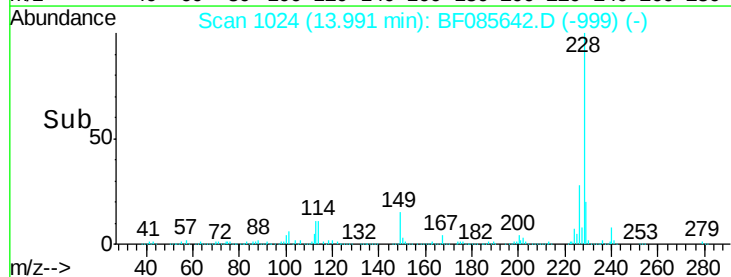
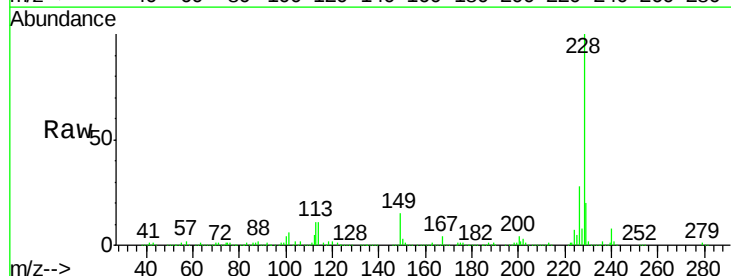
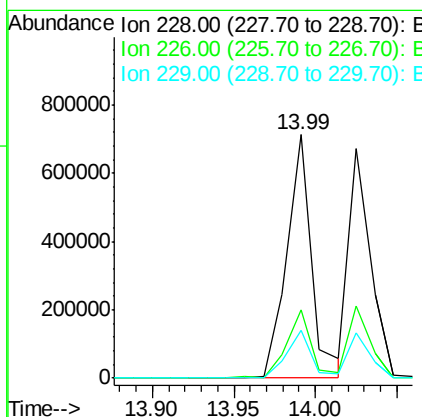
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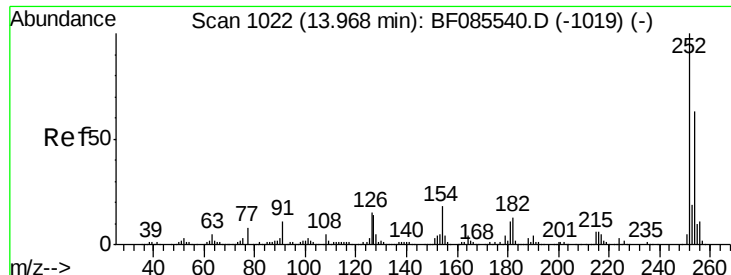
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#80
Benzo(a)anthracene
Concen: 38.04 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085642.D
Acq: 22 Mar 2016 2:31

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





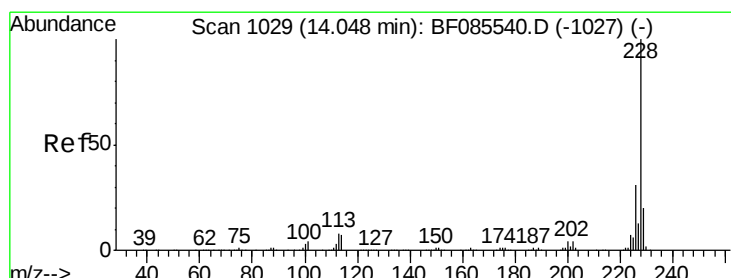
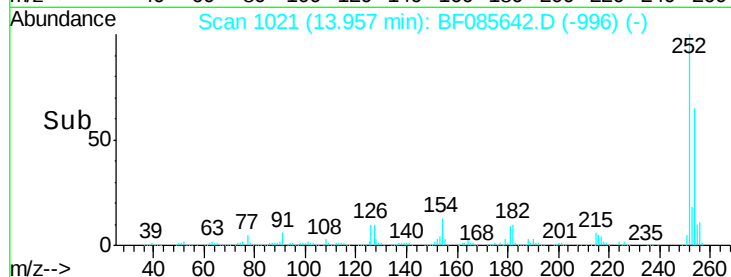
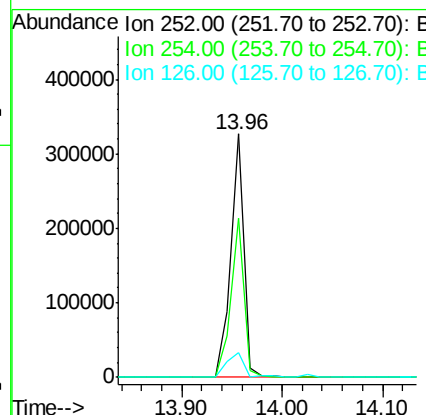
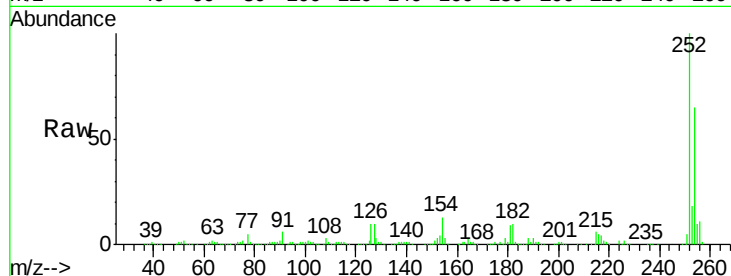
#81
 3,3'-Dichlorobenzidine
 Concen: 40.91 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	50.7	76.1
126	9.9	11.8	17.6#

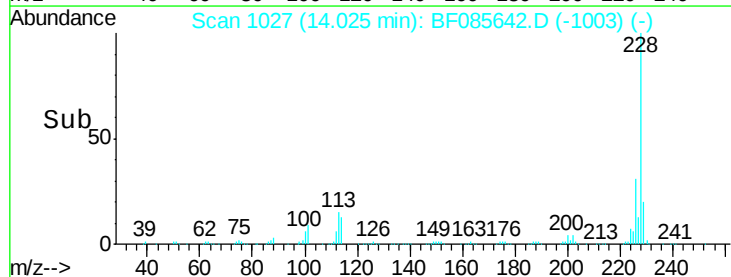
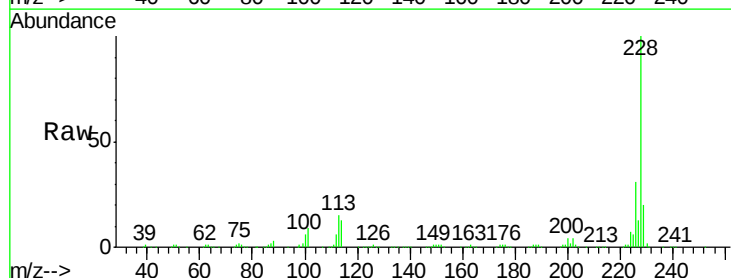
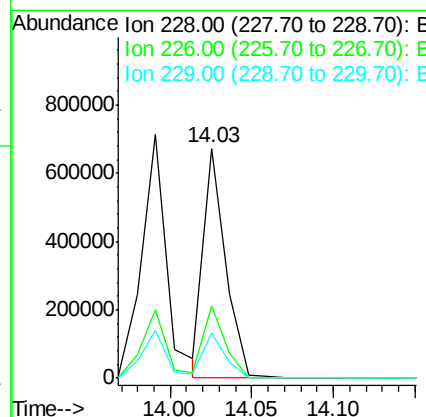
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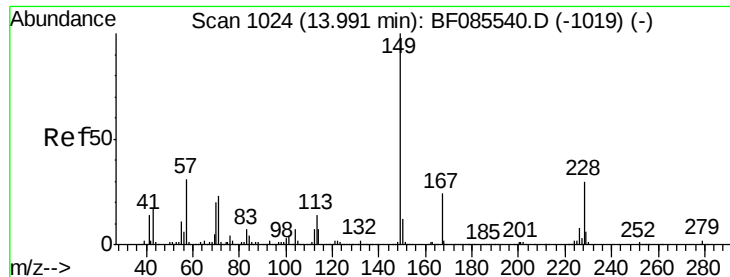
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#82
 Chrysene
 Concen: 33.27 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.7	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.28 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

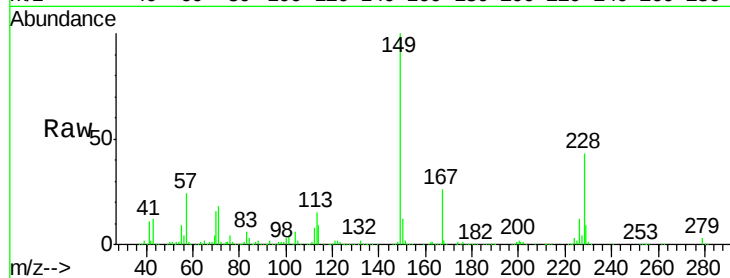
ClientSampleId :

SSTDCCC040

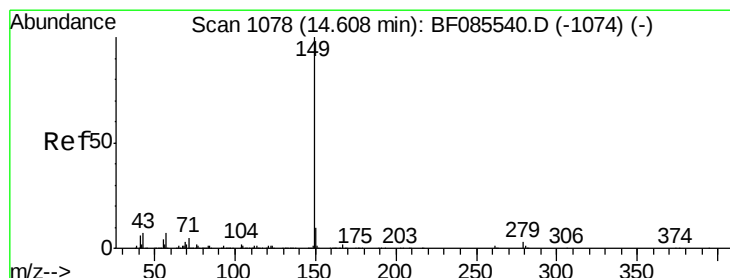
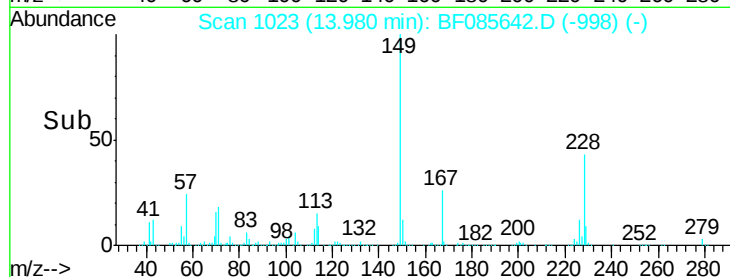
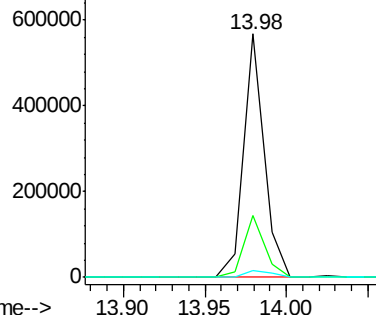
Tgt Ion:	149	Resp:	501675
Ion Ratio		Lower	Upper
149	100		
167	25.5	19.4	29.2
279	2.7	1.5	2.3#

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



#84

Di-n-octyl phthalate

Concen: 41.31 ng

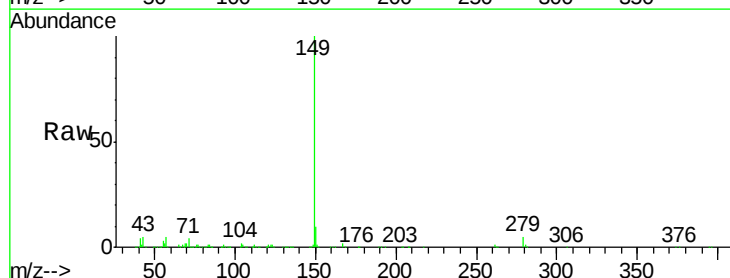
RT: 14.60 min Scan# 1077

Delta R.T. -0.01 min

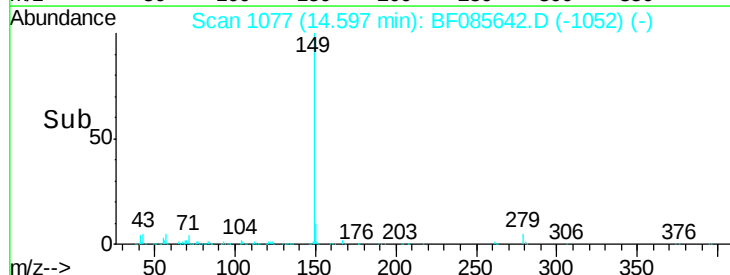
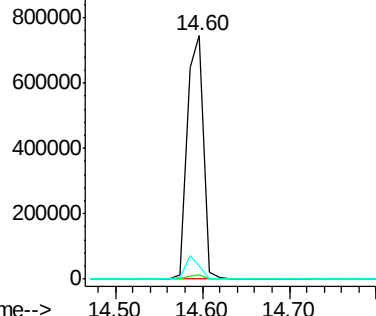
Lab File: BF085642.D

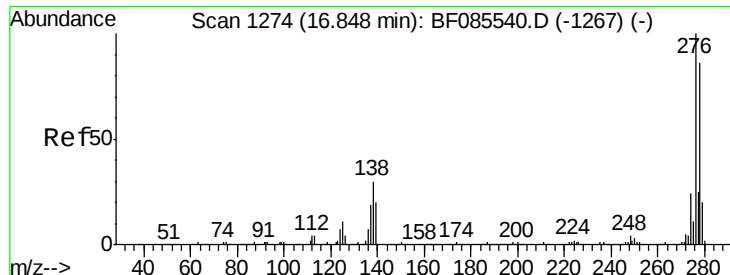
Acq: 22 Mar 2016 2:31

Tgt Ion:	149	Resp:	985019
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.3	7.1	10.7



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





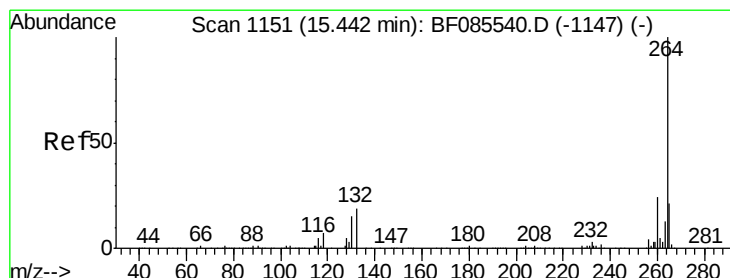
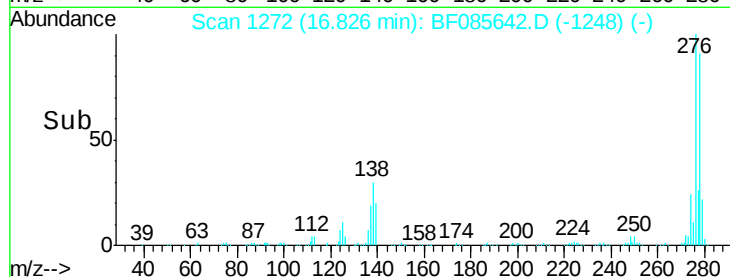
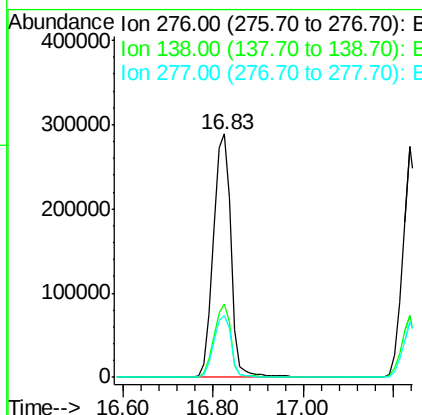
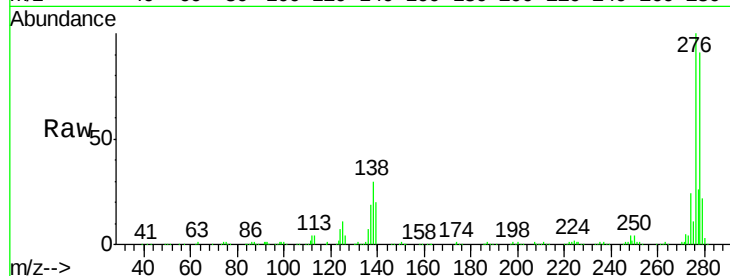
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.13 ng
 RT: 16.83 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.2	24.2	36.4
277	25.1	20.0	30.0

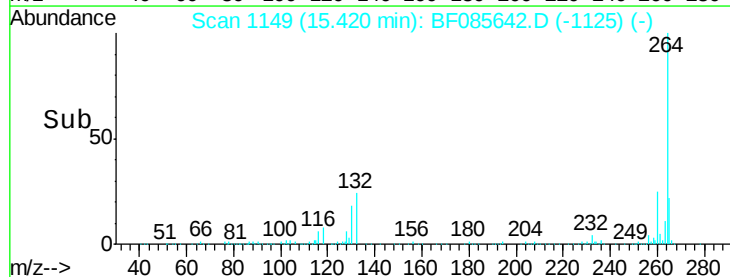
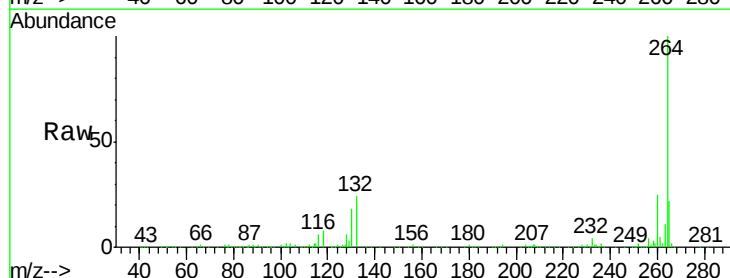
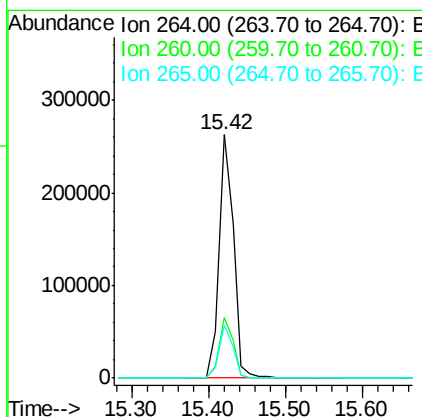
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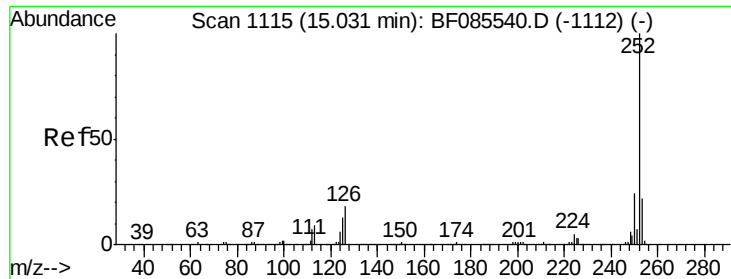
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.6	19.4	29.2
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.79 ng

RT: 15.02 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

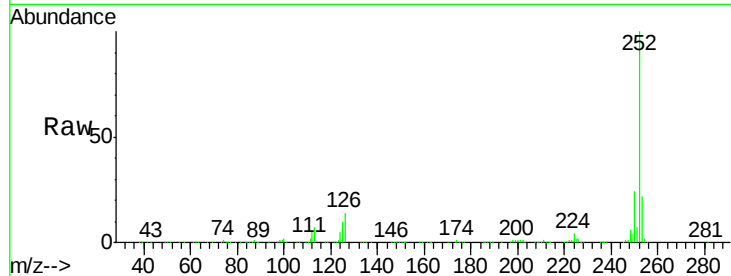
ClientSampleId :

SSTDCCC040

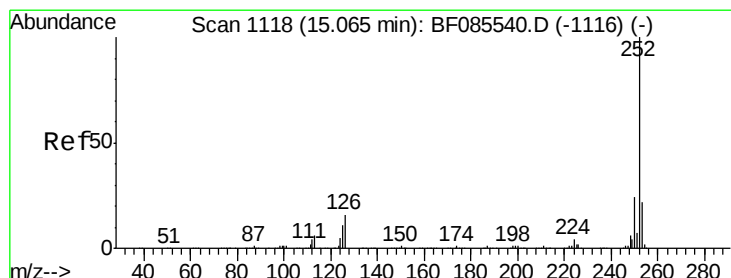
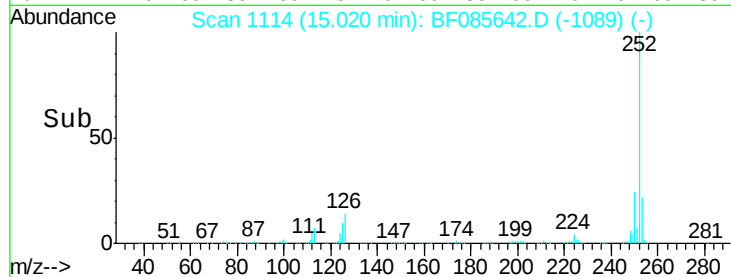
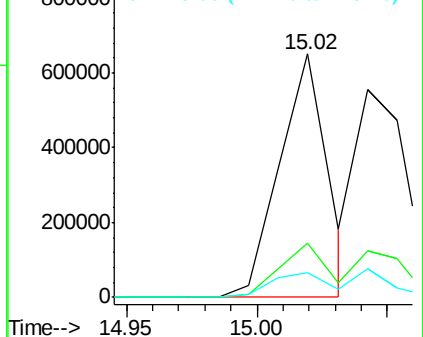
Tgt Ion:	252	Resp:	829209
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	10.0	10.3	15.5#

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



#88

Benzo(k)fluoranthene

Concen: 39.61 ng m

RT: 15.04 min Scan# 1116

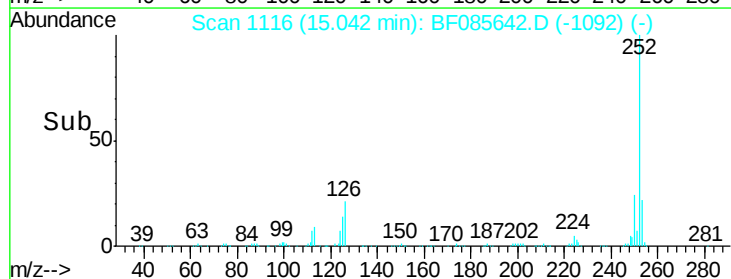
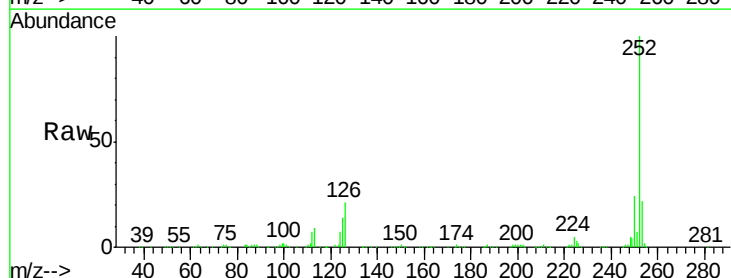
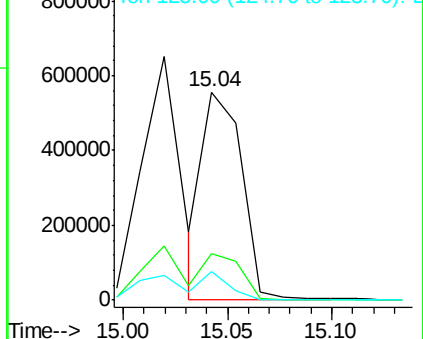
Delta R.T. -0.02 min

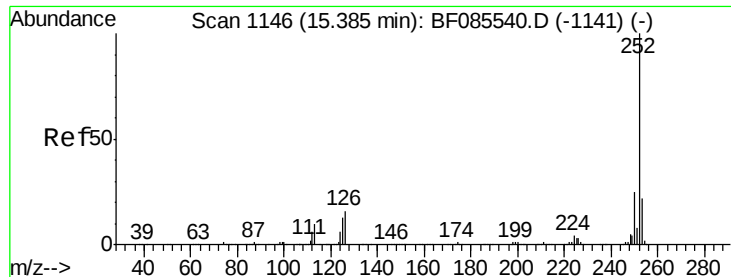
Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt Ion:	252	Resp:	735513
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	14.0	7.7	11.5#

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





#89

Benzo(a)pyrene

Concen: 40.63 ng

RT: 15.36 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Instrument :

BNA_F

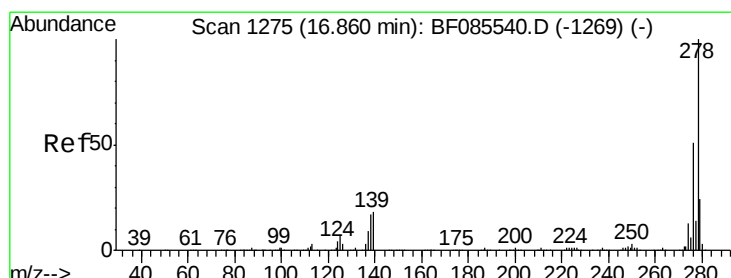
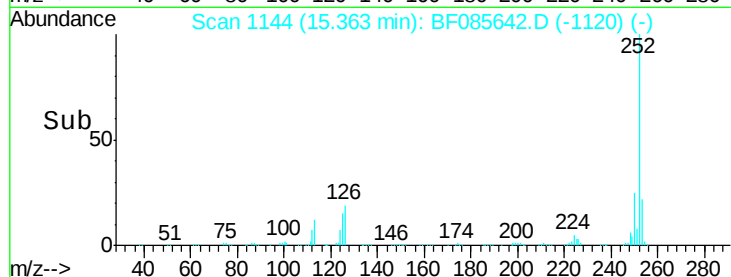
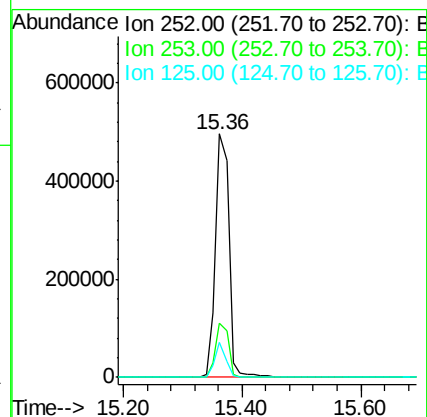
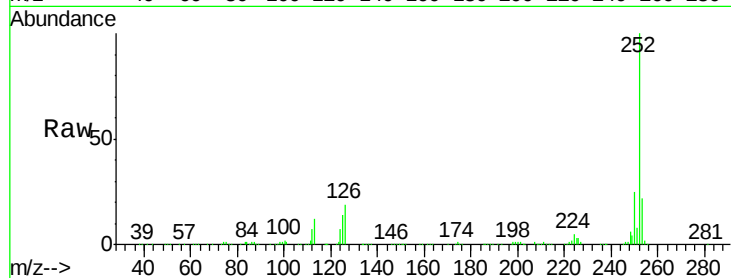
ClientSampleId :

SSTDCCC040

Tgt	Ion	252	Resp:	776335
Ion	Ratio	Lower	Upper	
252	100			
253	22.2	17.4	26.0	
125	14.5	10.3	15.5	

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#90

Dibenzo(a,h)anthracene

Concen: 42.42 ng

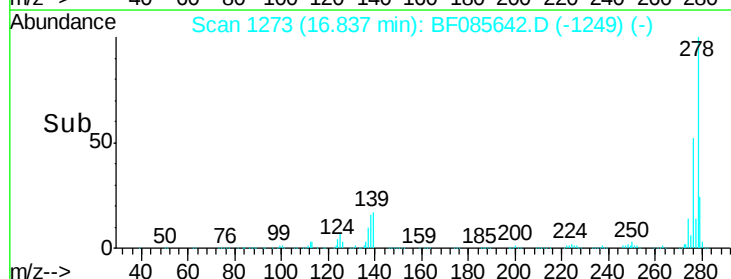
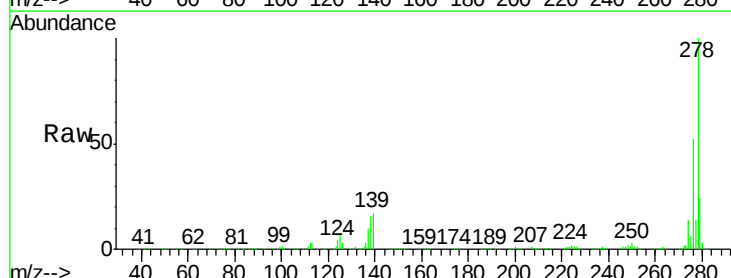
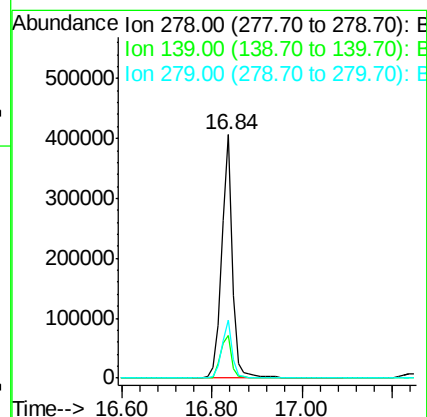
RT: 16.84 min Scan# 1273

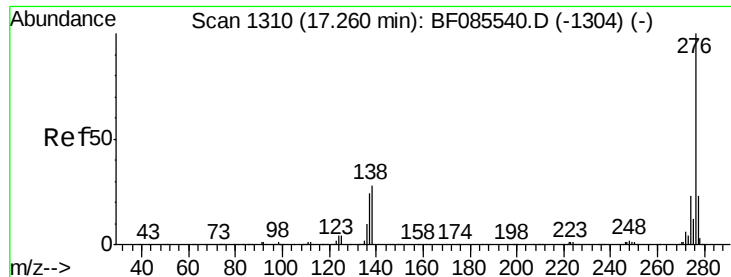
Delta R.T. -0.02 min

Lab File: BF085642.D

Acq: 22 Mar 2016 2:31

Tgt	Ion	278	Resp:	676095
Ion	Ratio	Lower	Upper	
278	100			
139	17.3	14.4	21.6	
279	23.8	19.1	28.7	





#91
 Benzo(g,h,i)perylene
 Concen: 39.37 ng
 RT: 17.24 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF085642.D
 Acq: 22 Mar 2016 2:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	607315		
277	24.0		18.8	28.2
138	26.9		22.6	34.0

Manual Integrations
 APPROVED

Sohil
 3/22/2016 5:34:35 PM

