

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085177.D
 Acq On : 4 Mar 2016 00:58
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 3/4/2016 4:28:54 PM

Quant Time: Mar 04 03:13:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	238250	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	936495	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	441416	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	834200	20.00	ng	0.00
75) Chrysene-d12	14.15	240	521479	20.00	ng	0.00
86) Perylene-d12	15.61	264	426059	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1021277	71.90	ng	0.00
7) Phenol-d6	6.61	99	1375367	73.91	ng	0.00
23) Nitrobenzene-d5	7.54	82	1404673	80.26	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	313179	82.92	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2177867	75.03	ng	0.00
78) Terphenyl-d14	13.09	244	1767018	78.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	274111	37.74	ng	100
3) Pyridine	3.43	79	752755	41.41	ng	97
4) n-Nitrosodimethylamine	3.38	42	295712	38.01	ng	100
6) Aniline	6.64	93	1030788	39.52	ng	100
8) 2-Chlorophenol	6.77	128	677779	39.64	ng	97
9) Benzaldehyde	6.53	77	332204	37.29	ng	99
10) Phenol	6.62	94	751538m	37.71	ng	
11) bis(2-Chloroethyl)ether	6.72	93	678205	40.97	ng	97
12) 1,3-Dichlorobenzene	6.93	146	717545	39.08	ng	100
13) 1,4-Dichlorobenzene	7.00	146	671153	36.48	ng	98
14) 1,2-Dichlorobenzene	7.16	146	674631	40.41	ng	99
15) Benzyl Alcohol	7.12	79	541344	39.63	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.26	45	892995	37.42	ng	100
17) 2-Methylphenol	7.22	107	565396	40.52	ng	97
18) Hexachloroethane	7.50	117	272982	40.22	ng	97
19) n-Nitroso-di-n-propylamine	7.40	70	460775	37.99	ng	# 87
20) 3+4-Methylphenols	7.38	107	597169	36.13	ng	99
22) Acetophenone	7.40	105	923510	40.40	ng	98
24) Nitrobenzene	7.57	77	721604	40.59	ng	98
25) Isophorone	7.81	82	1309623	40.38	ng	99
26) 2-Nitrophenol	7.89	139	357326	41.30	ng	98
27) 2,4-Dimethylphenol	7.92	122	642195	40.62	ng	99
28) bis(2-Chloroethoxy)methane	8.01	93	719245	39.82	ng	100
29) 2,4-Dichlorophenol	8.12	162	512801	40.22	ng	88
30) 1,2,4-Trichlorobenzene	8.21	180	544125	39.47	ng	99
31) Naphthalene	8.29	128	1689062	36.68	ng	99
32) Benzoic acid	8.05	122	377601	35.96	ng	99
33) 4-Chloroaniline	8.33	127	706501	37.93	ng	99
34) Hexachlorobutadiene	8.41	225	296227	41.30	ng	99
35) Caprolactam	8.72	113	187764m	45.09	ng	
36) 4-Chloro-3-methylphenol	8.81	107	579780	40.08	ng	99
37) 2-Methylnaphthalene	8.98	142	1186811	40.16	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	467177	37.01	ng	99
40) Hexachlorocyclopentadiene	9.13	237	273159	40.12	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	383733	40.84	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	370246	41.55	ng	99
45) 1,1'-Biphenyl	9.44	154	1318523	34.96	ng	100
46) 2-Chloronaphthalene	9.48	162	1121513	39.01	ng	99
47) 2-Nitroaniline	9.56	65	349475	39.23	ng	99
48) Acenaphthylene	9.89	152	1737282	38.83	ng	99
49) Dimethylphthalate	9.75	163	1386279	40.92	ng	100
50) 2,6-Dinitrotoluene	9.81	165	308969	42.63	ng	97
51) Acenaphthene	10.06	154	1019344	37.52	ng	100
52) 3-Nitroaniline	9.98	138	383782	44.26	ng	99
53) 2,4-Dinitrophenol	10.07	184	134001	40.80	ng	94
54) Dibenzofuran	10.23	168	1403735	39.44	ng	100
55) 4-Nitrophenol	10.13	139	296722	43.54	ng	97
56) 2,4-Dinitrotoluene	10.21	165	384466	41.45	ng	100
57) Fluorene	10.57	166	1121947	40.13	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	271685	43.40	ng	99
59) Diethylphthalate	10.45	149	1328394	40.40	ng	100
60) 4-Chlorophenyl-phenylether	10.56	204	515236	37.88	ng	100
61) 4-Nitroaniline	10.58	138	338337	41.71	ng	99
62) Azobenzene	10.72	77	1312825	40.53	ng	99
64) 4,6-Dinitro-2-methylphenol	10.62	198	234828	47.01	ng	97
65) n-Nitrosodiphenylamine	10.68	169	1000369	38.56	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	333169	41.13	ng	100
67) Hexachlorobenzene	11.12	284	354865	41.07	ng	99
68) Atrazine	11.20	200	252163	34.95	ng	99
69) Pentachlorophenol	11.30	266	200420	41.78	ng	100
70) Phenanthrene	11.53	178	1557944	35.64	ng	100
71) Anthracene	11.59	178	1759418	37.91	ng	100
72) Carbazole	11.74	167	1584314	38.93	ng	100
73) Di-n-butylphthalate	12.06	149	1915925	37.24	ng	99
74) Fluoranthene	12.72	202	1729482	39.42	ng	100
76) Benzidine	12.84	184	708228	45.63	ng	100
77) Pyrene	12.95	202	1672778	42.62	ng	100
79) Butylbenzylphthalate	13.56	149	754142	42.35	ng	99
80) Benzo(a)anthracene	14.13	228	1247257	39.95	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	421574	42.81	ng	100
82) Chrysene	14.17	228	1234590	42.81	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	968288	41.32	ng	100
84) Di-n-octyl phthalate	14.73	149	1574554	44.11	ng	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	1065601	47.35	ng	99
87) Benzo(b)fluoranthene	15.18	252	1190827	41.93	ng	100
88) Benzo(k)fluoranthene	15.21	252	787815m	34.39	ng	
89) Benzo(a)pyrene	15.56	252	955053	40.58	ng	100
90) Dibenzo(a,h)anthracene	17.11	278	883285	43.97	ng	100
91) Benzo(g,h,i)perylene	17.55	276	897446	44.43	ng	98

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

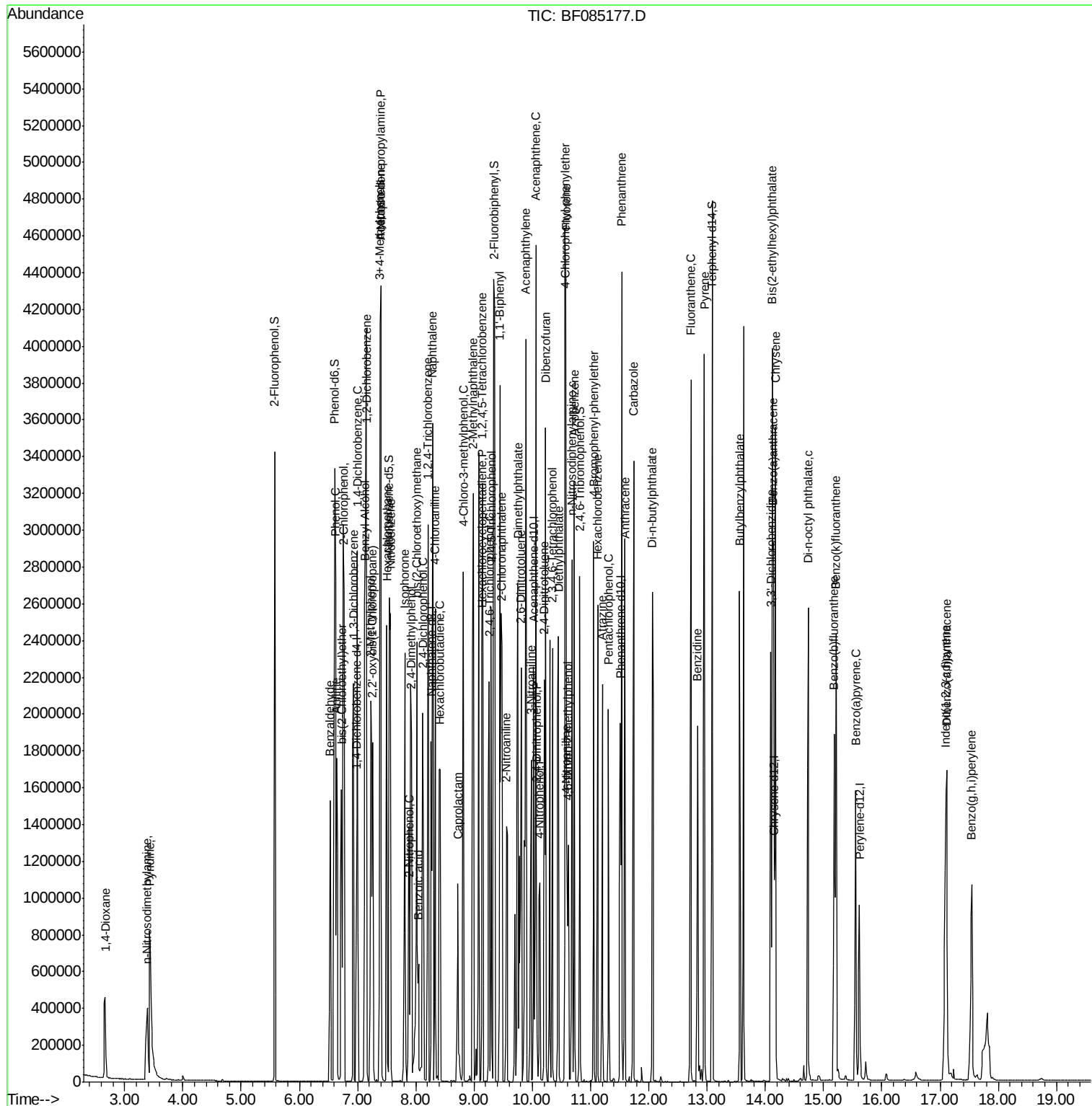
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Operator  : SJ/UM  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
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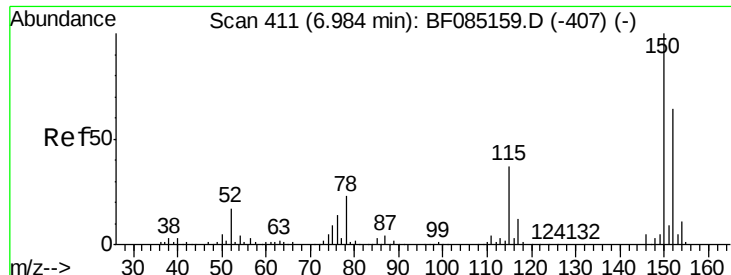
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

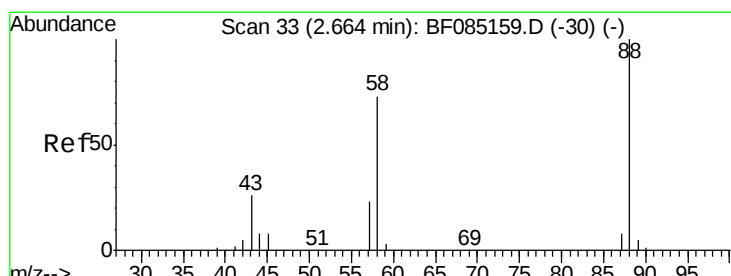
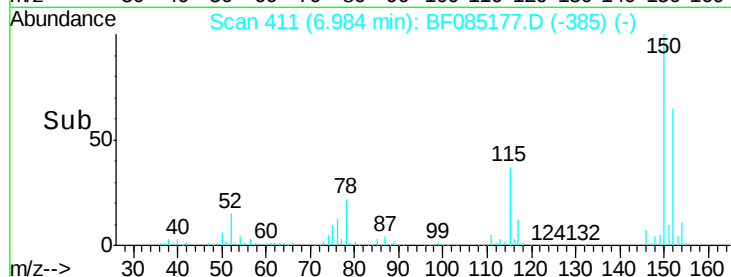
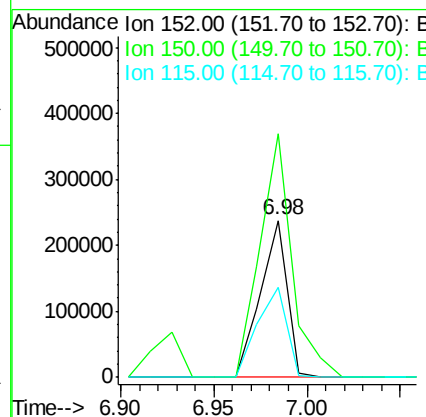
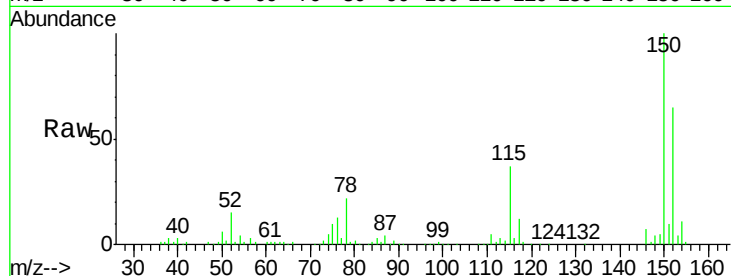
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	238250
Ion Ratio	Lower	Upper	
152	100		
150	154.9	124.6	186.8
115	57.5	46.6	70.0

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#2

1,4-Dioxane

Concen: 37.74 ng

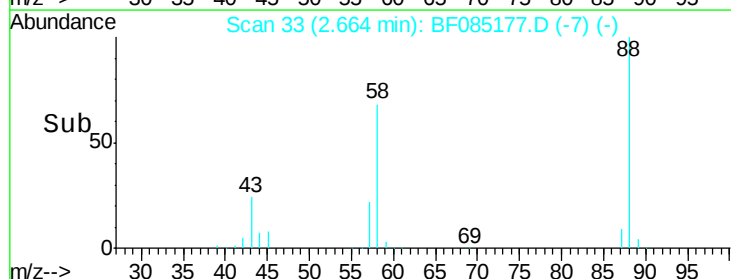
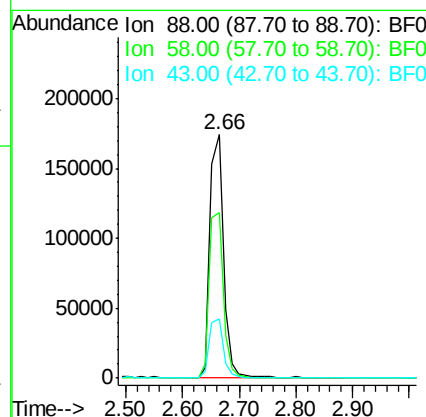
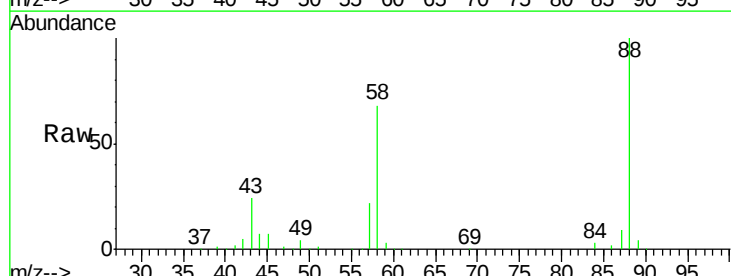
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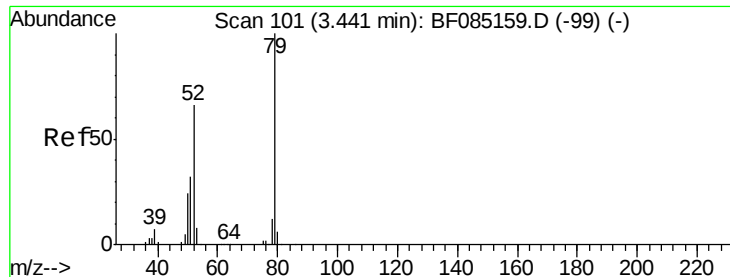
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	88	Resp:	274111
Ion Ratio	Lower	Upper	
88	100		
58	71.1	57.0	85.6
43	25.6	20.5	30.7





#3

Pyridine

Concen: 41.41 ng

RT: 3.43 min Scan# 100

Delta R.T. -0.01 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

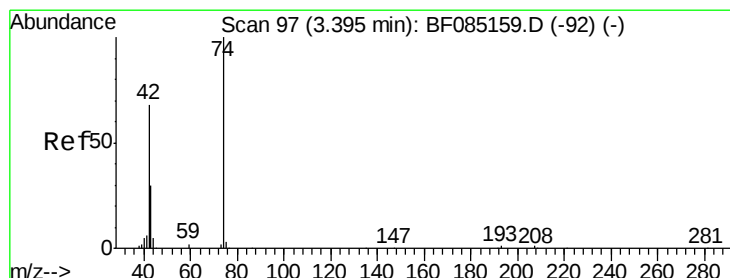
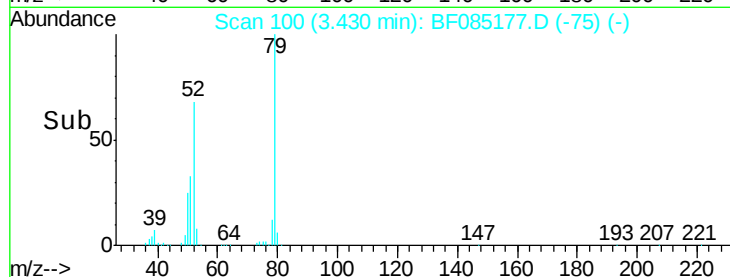
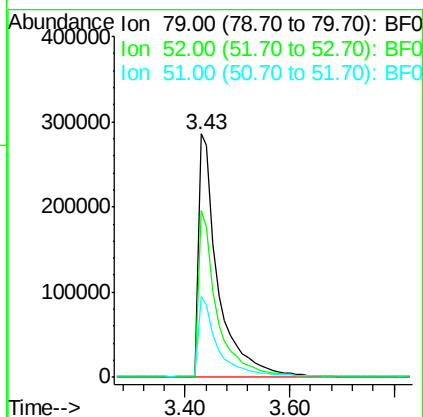
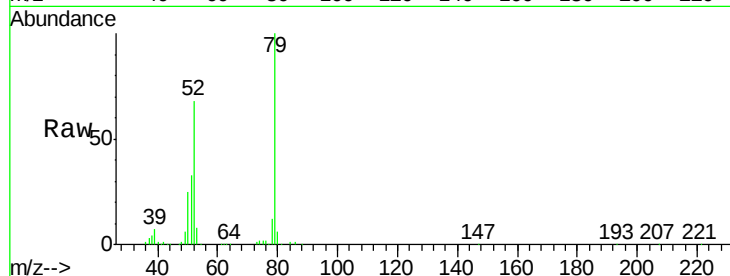
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	752755
Ion Ratio		Lower	Upper
79	100		
52	68.3	52.6	79.0
51	33.5	25.8	38.8

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#4

n-Nitrosodimethylamine

Concen: 38.01 ng

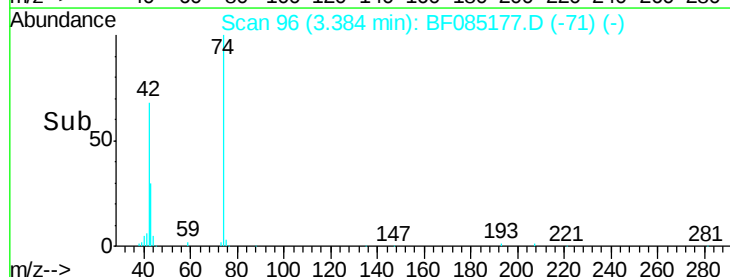
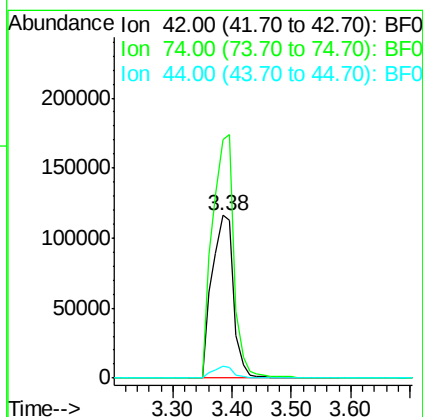
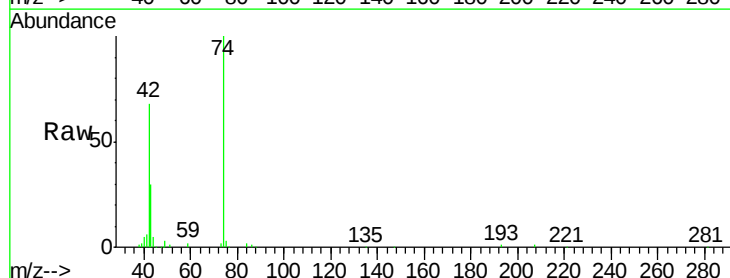
RT: 3.38 min Scan# 96

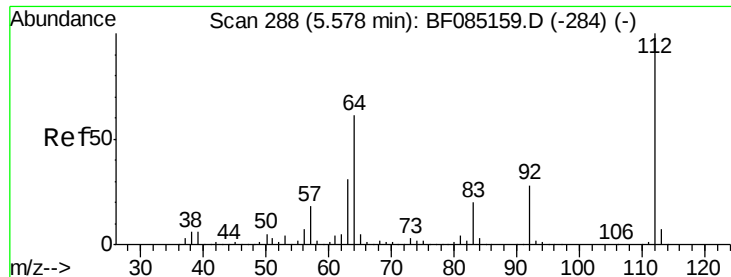
Delta R.T. -0.01 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	42	Resp:	295712
Ion Ratio		Lower	Upper
42	100		
74	146.6	116.8	175.2
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 71.90 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

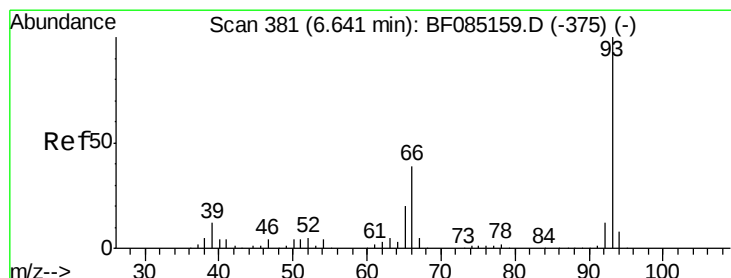
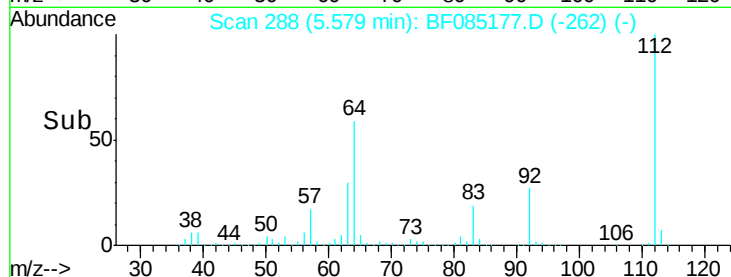
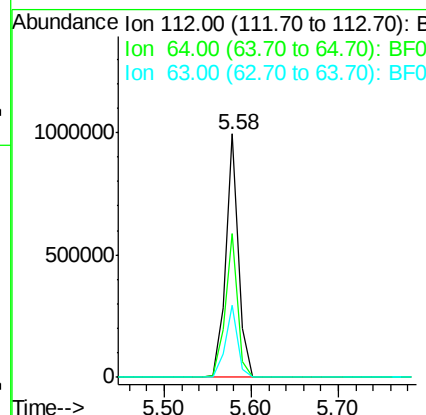
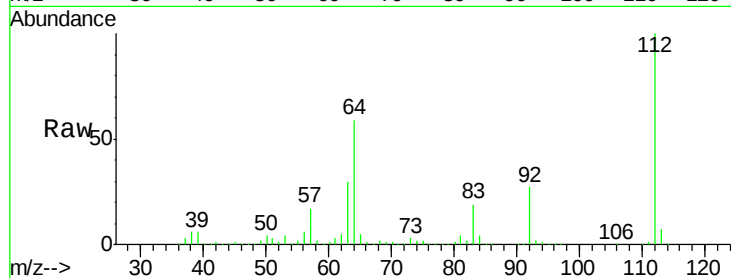
ClientSampleId :

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Tgt Ion:	112	Resp:	1021277
Ion	Ratio	Lower	Upper
112	100		
64	58.9	49.0	73.4
63	29.6	24.8	37.2

Manual Integrations
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#6

Aniline

Concen: 39.52 ng

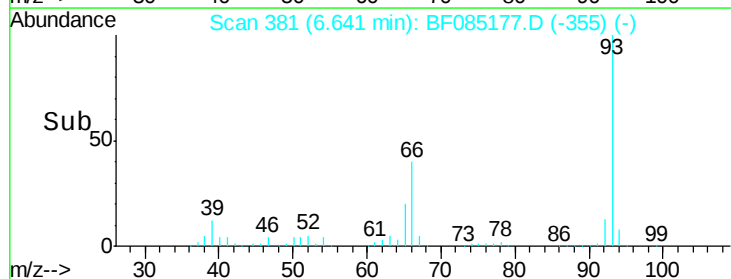
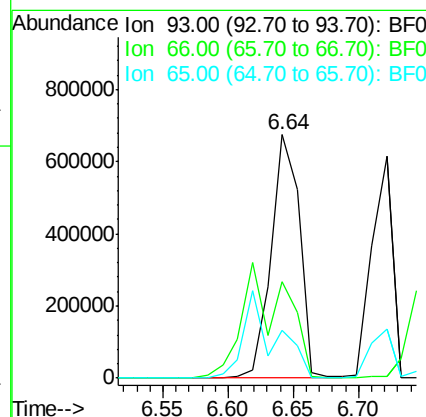
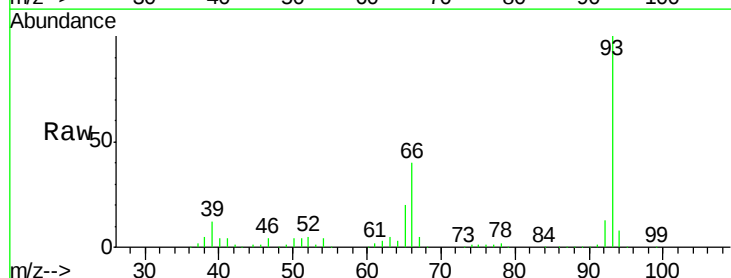
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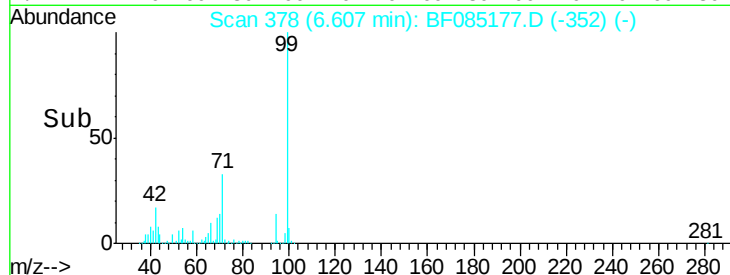
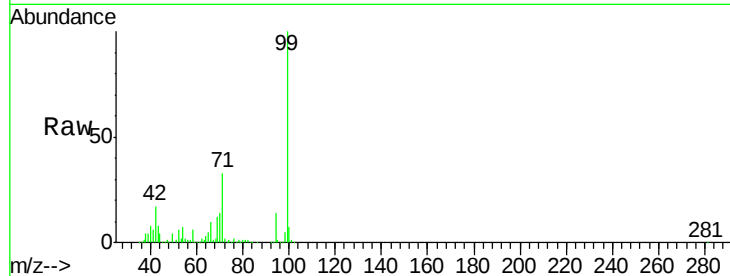
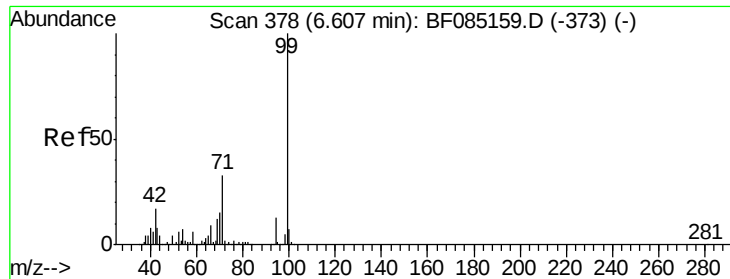
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	93	Resp:	1030788
Ion	Ratio	Lower	Upper
93	100		
66	39.8	31.6	47.4
65	19.6	15.8	23.8





#7

Phenol-d6

Concen: 73.91 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	99	Resp:	1375367
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	33.3	26.7	40.1

Instrument :

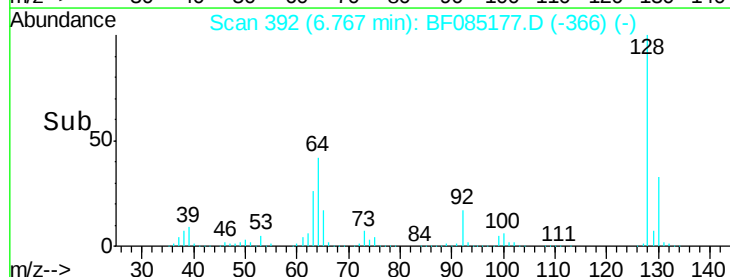
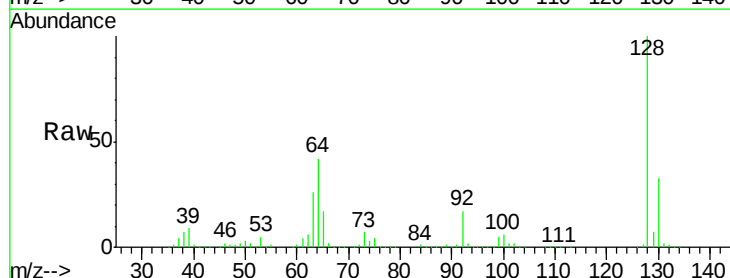
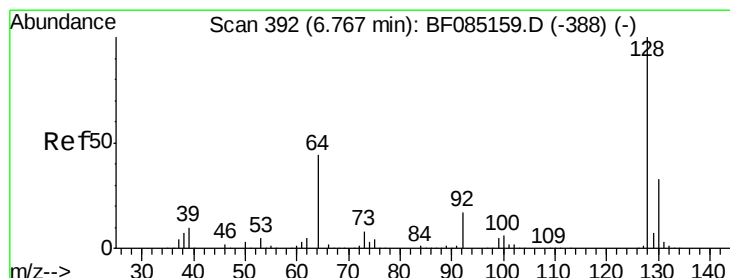
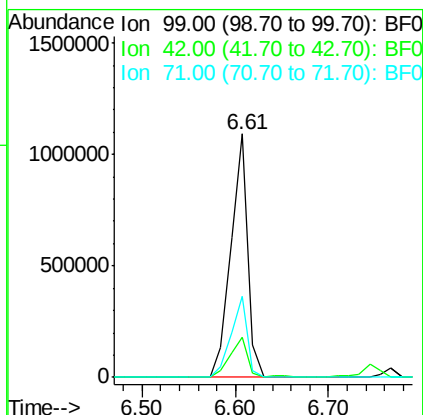
BNA_F

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 39.64 ng

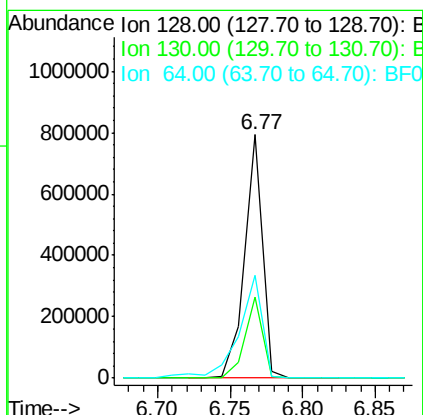
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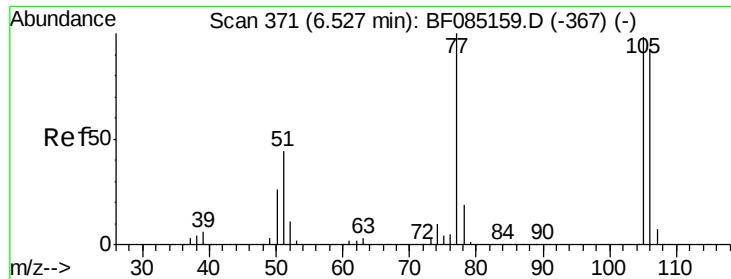
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	128	Resp:	677779
Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.3	53.3
64	42.4	25.7	65.7





#9

Benzaldehyde

Concen: 37.29 ng

RT: 6.53 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

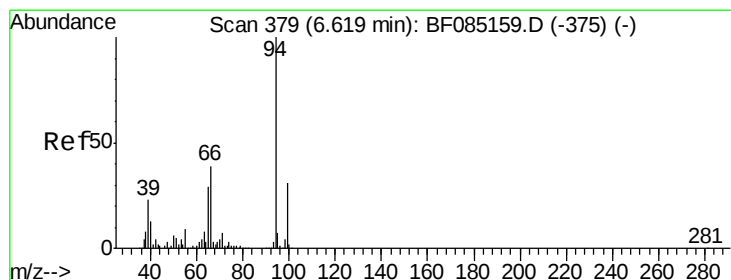
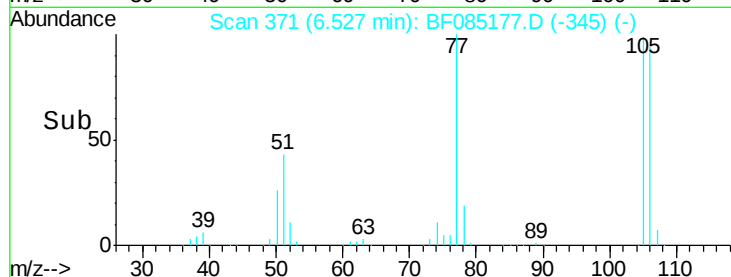
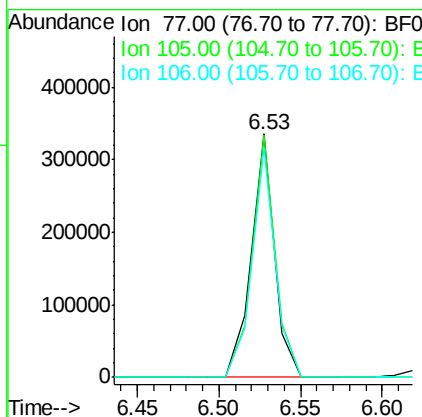
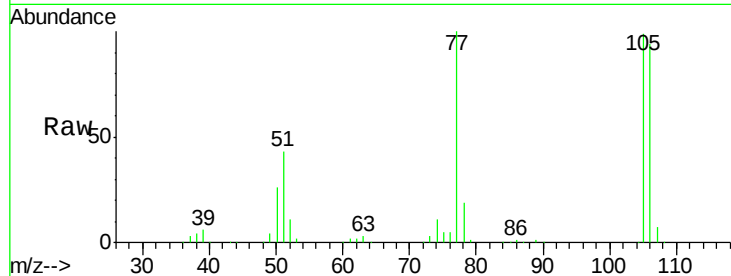
ClientSampleId :

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Tgt Ion:	77	Resp:	332204
Ion	Ratio	Lower	Upper
77	100		
105	99.5	78.2	118.2
106	94.0	72.9	112.9

Manual Integrations
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#10

Phenol

Concen: 37.71 ng m

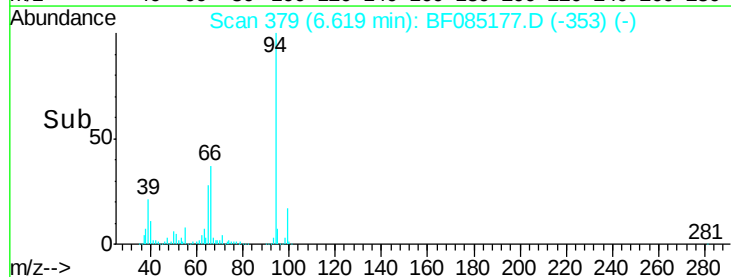
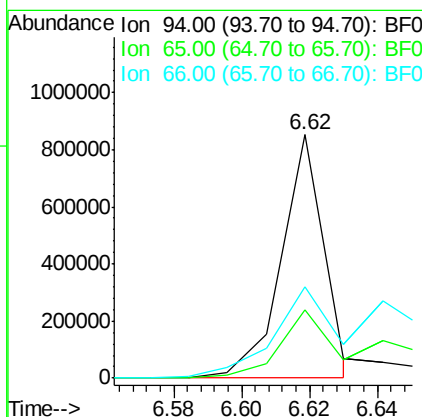
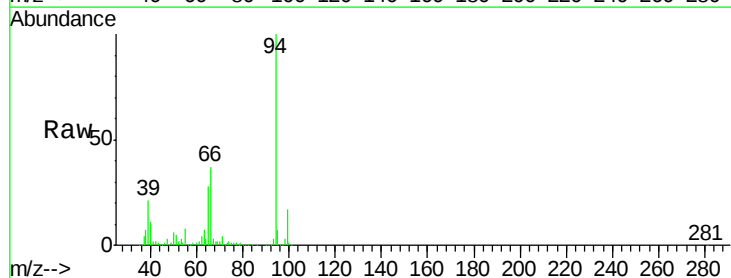
RT: 6.62 min Scan# 379

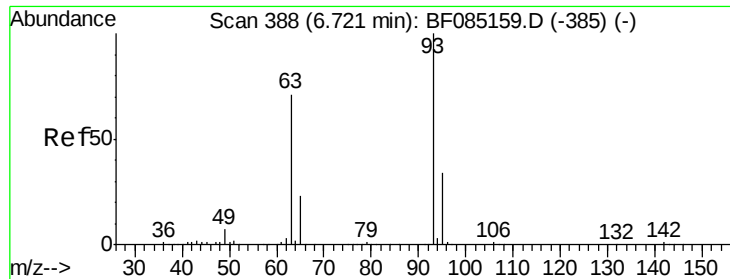
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	94	Resp:	751538
Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.1	49.1
66	37.4	19.3	59.3





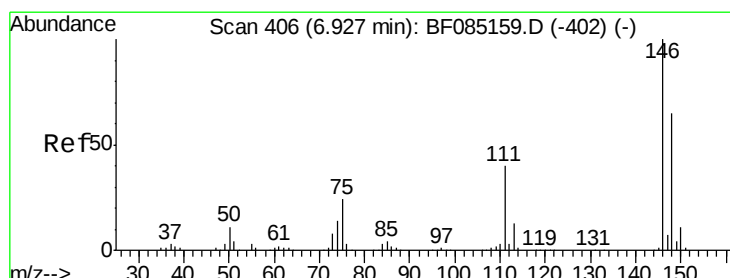
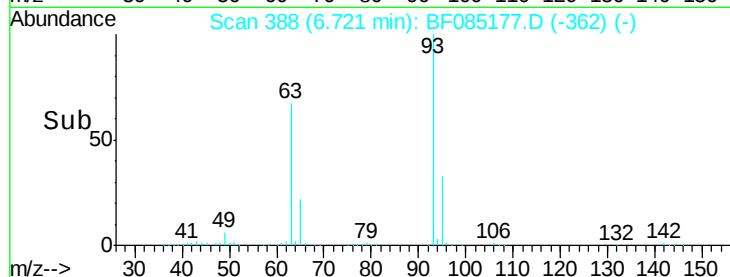
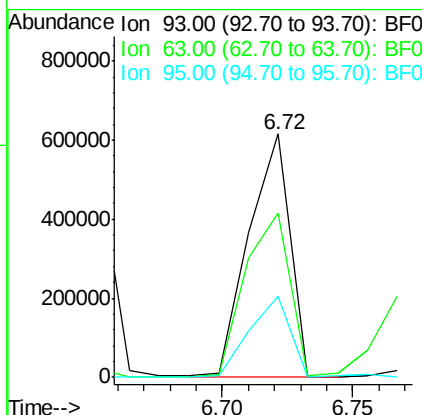
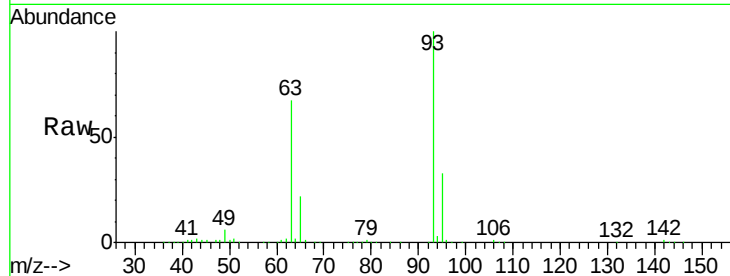
#11
bis(2-Chloroethyl)ether
Concen: 40.97 ng
RT: 6.72 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	678205		
63	67.5	50.9	90.9	
95	33.5	13.7	53.7	

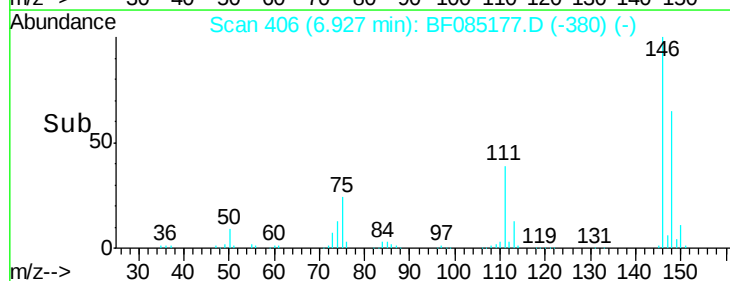
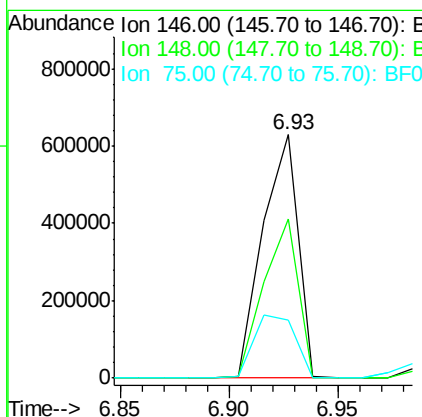
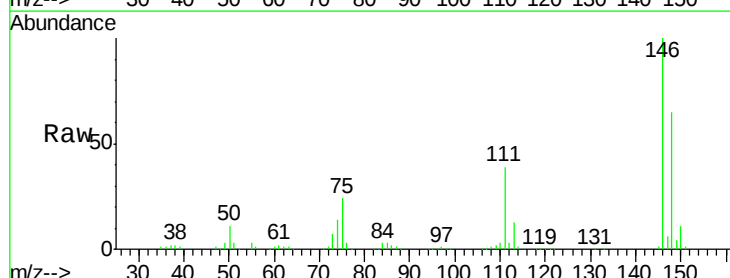
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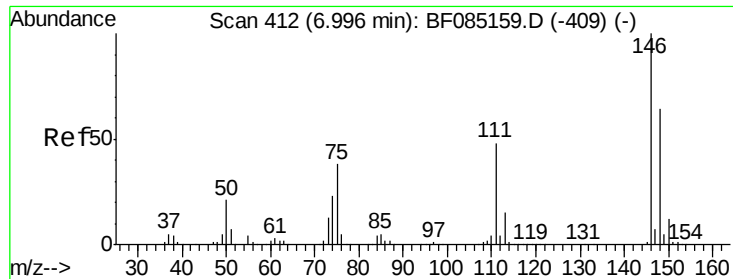
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#12
1,3-Dichlorobenzene
Concen: 39.08 ng
RT: 6.93 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	717545		
148	65.2	52.1	78.1	
75	23.8	19.5	29.3	





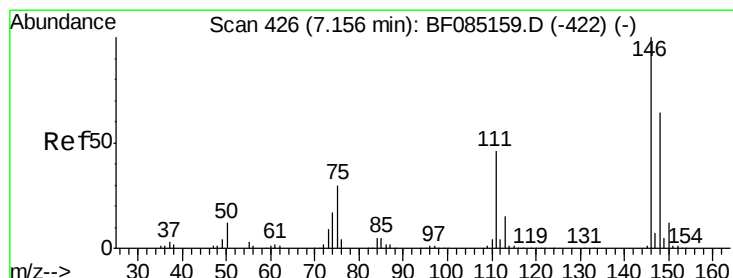
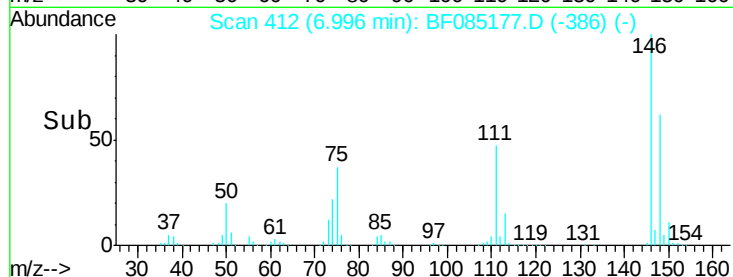
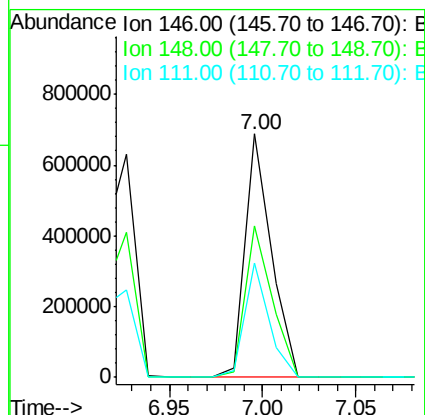
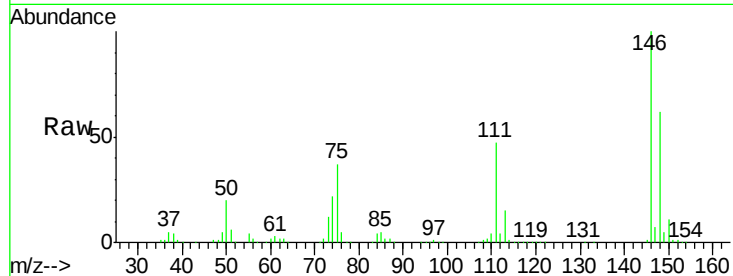
#13
1,4-Dichlorobenzene
Concen: 36.48 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.3	76.9
111	46.7	38.4	57.6

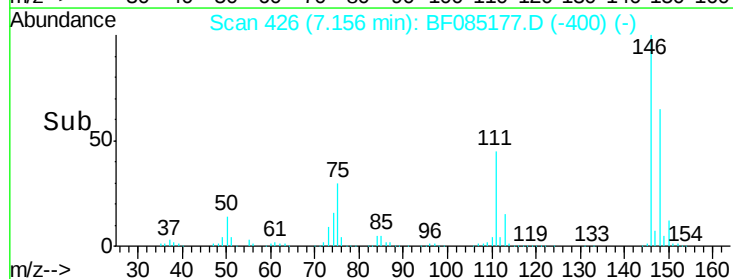
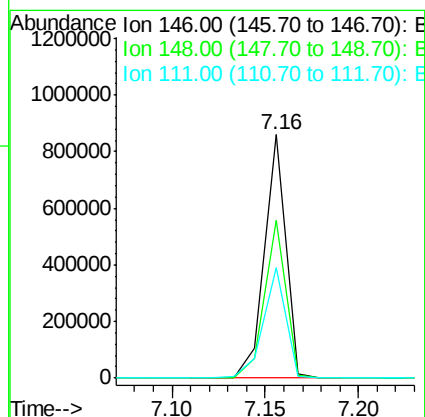
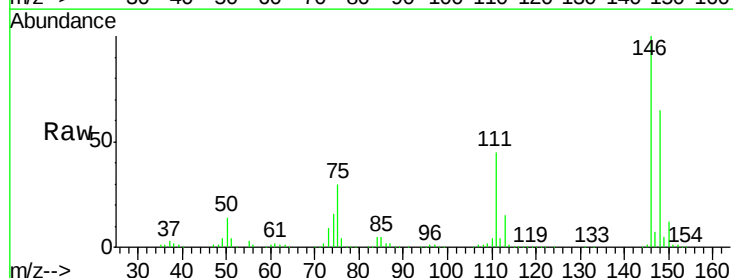
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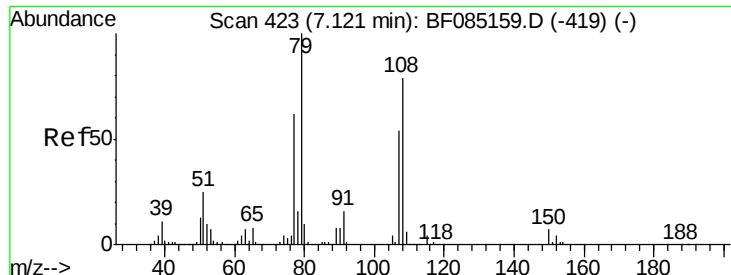
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#14
1,2-Dichlorobenzene
Concen: 40.41 ng
RT: 7.16 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.2
111	45.2	36.7	55.1





#15

Benzyl Alcohol

Concen: 39.63 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

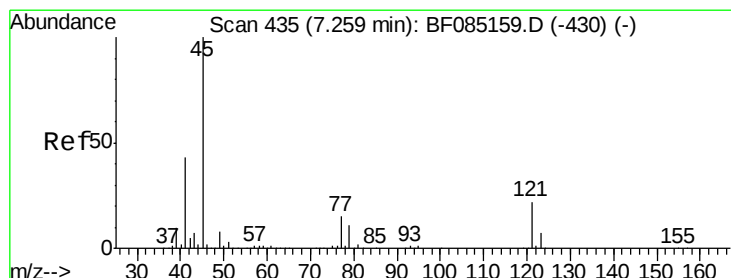
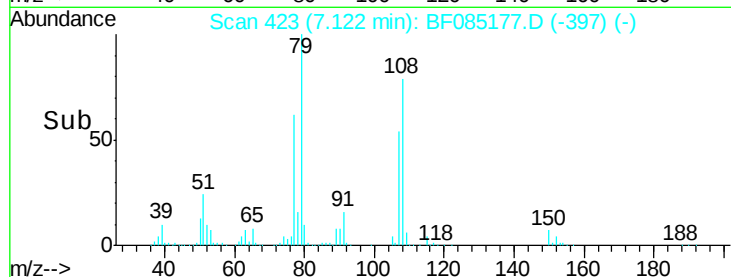
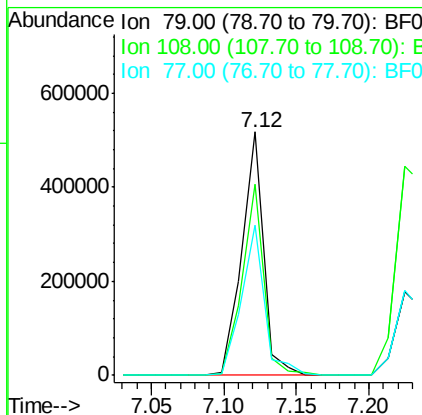
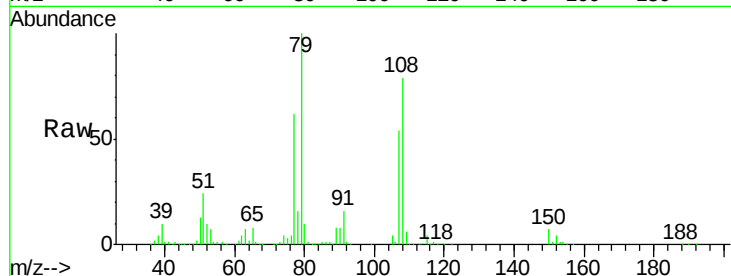
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	541344
Ion Ratio	Lower	Upper	
79	100		
108	78.7	62.9	94.3
77	61.7	49.5	74.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.42 ng

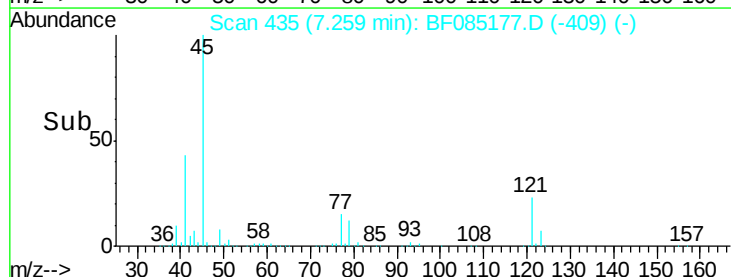
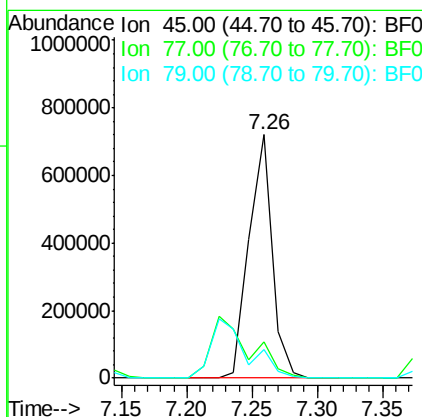
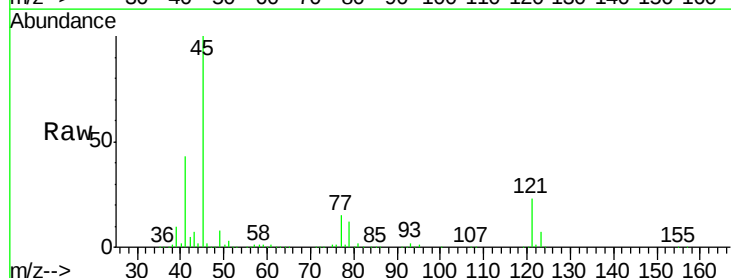
RT: 7.26 min Scan# 435

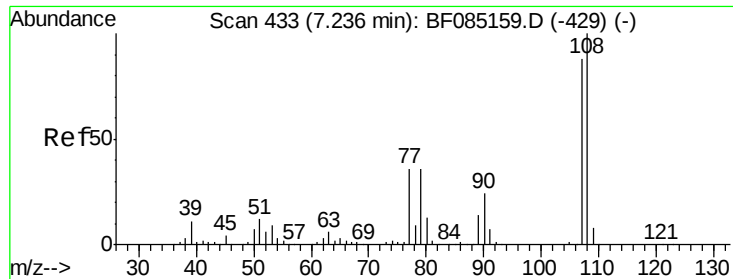
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	45	Resp:	892995
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	35.1
79	11.5	0.0	31.3





#17

2-Methylphenol

Concen: 40.52 ng

RT: 7.22 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF085177.D

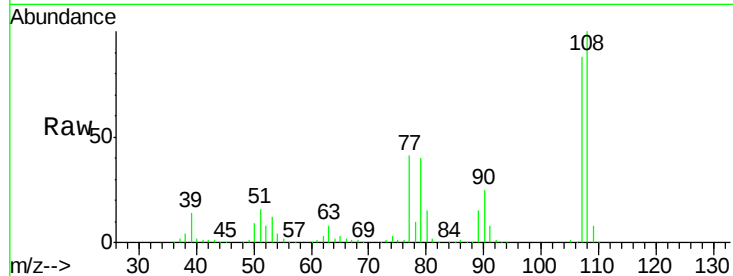
Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

ClientSampleId :

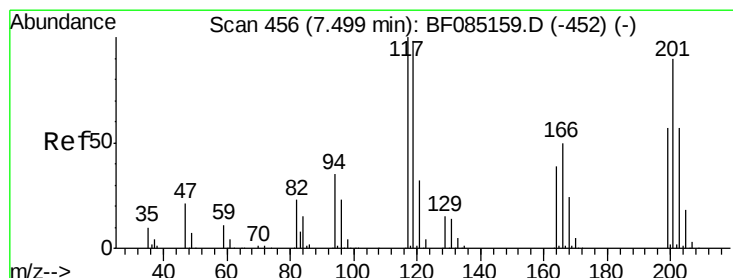
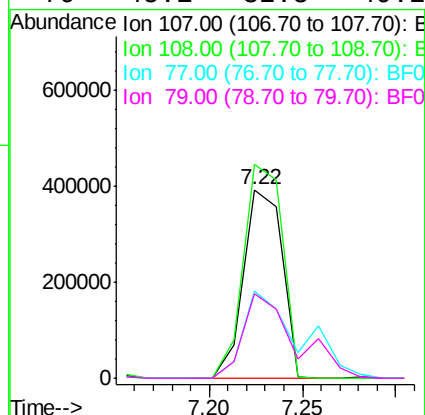
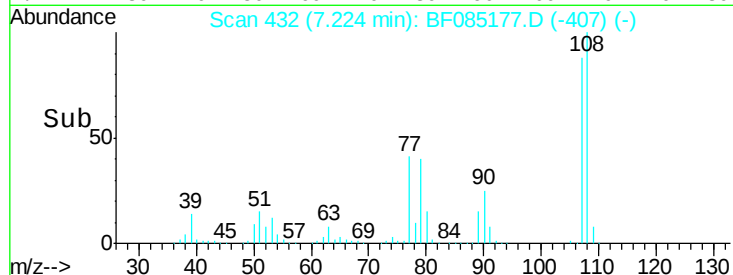
SSTDCCC040



Tgt Ion:	107	Resp:	565396
Ion Ratio	Lower	Upper	
107	100		
108	113.4	90.9	136.3
77	46.3	32.6	48.8
79	45.1	32.8	49.2

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#18

Hexachloroethane

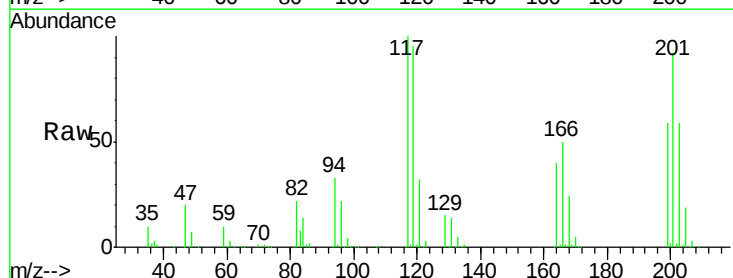
Concen: 40.22 ng

RT: 7.50 min Scan# 456

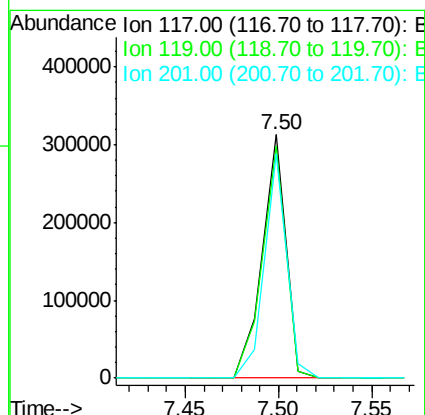
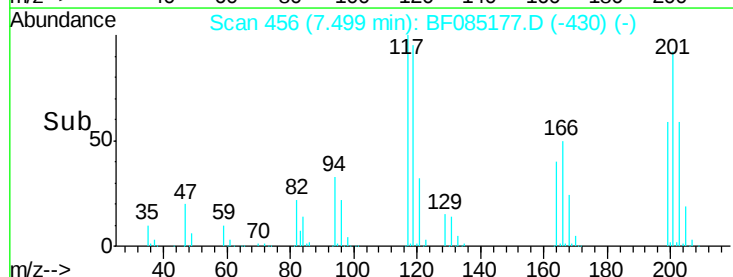
Delta R.T. 0.00 min

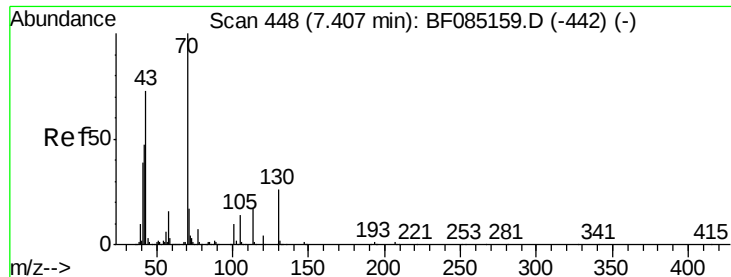
Lab File: BF085177.D

Acq: 4 Mar 2016 00:58



Tgt Ion:	117	Resp:	272982
Ion Ratio	Lower	Upper	
117	100		
119	95.4	78.2	117.4
201	92.4	72.0	108.0





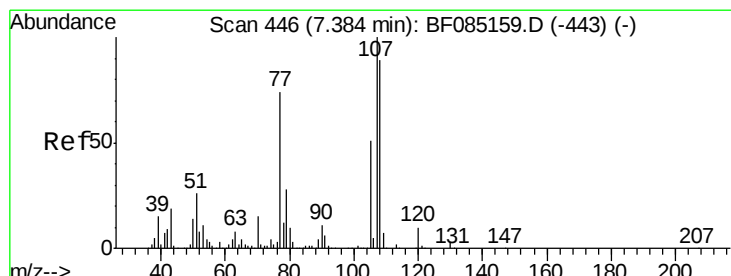
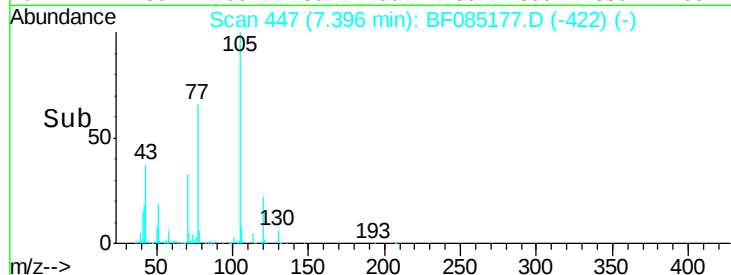
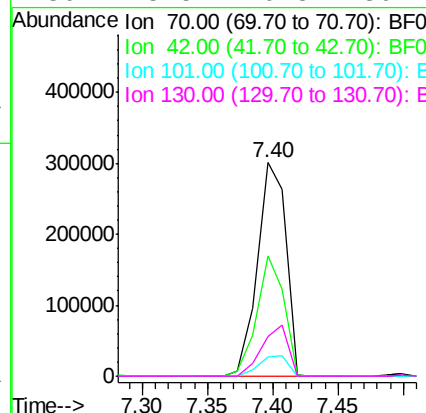
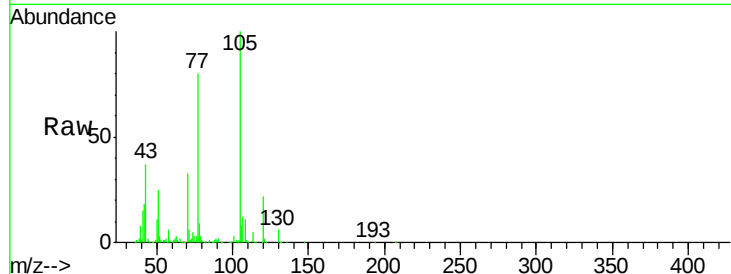
#19
n-Nitroso-di-n-propylamine
Concen: 37.99 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.3	37.7	56.5
101	9.0	8.2	12.4
130	18.5	20.5	30.7#

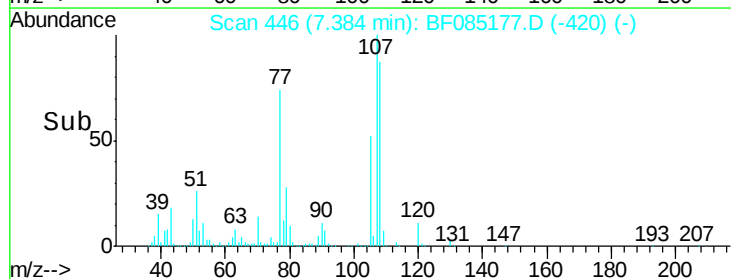
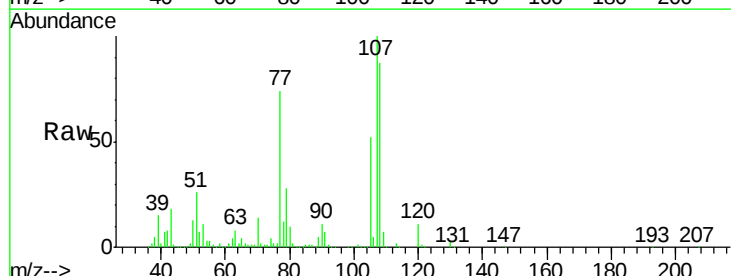
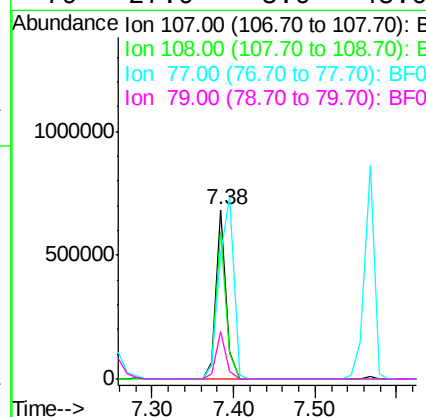
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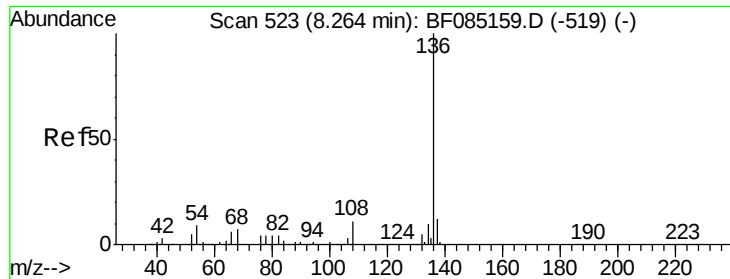
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#20
3+4-Methylphenols
Concen: 36.13 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.8	108.8
77	74.4	53.6	93.6
79	27.9	8.0	48.0





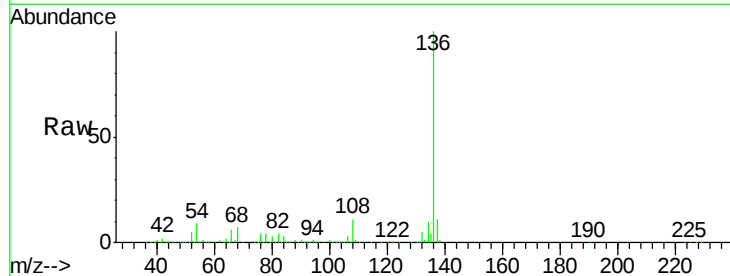
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

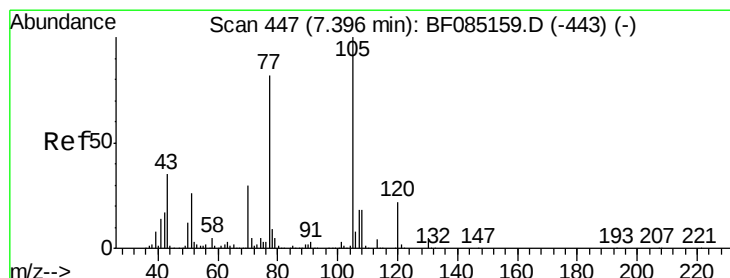
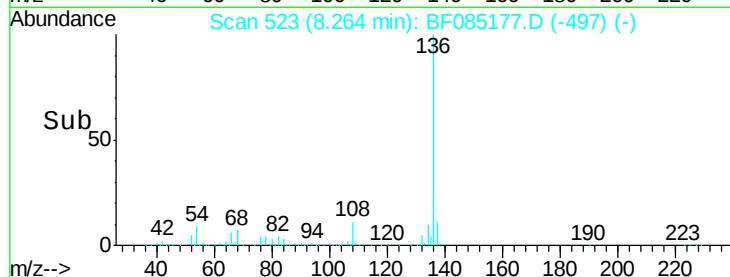
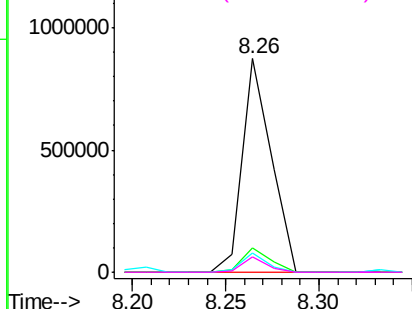
Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.2	7.4	11.2
68	7.5	6.0	9.0

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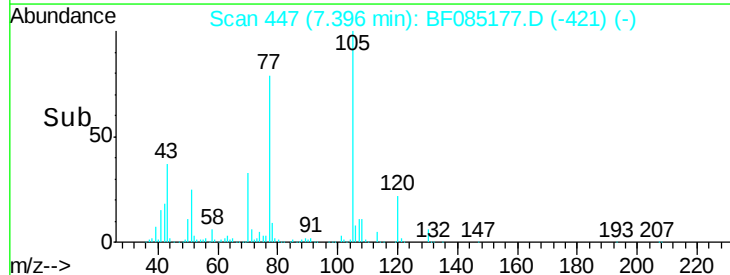
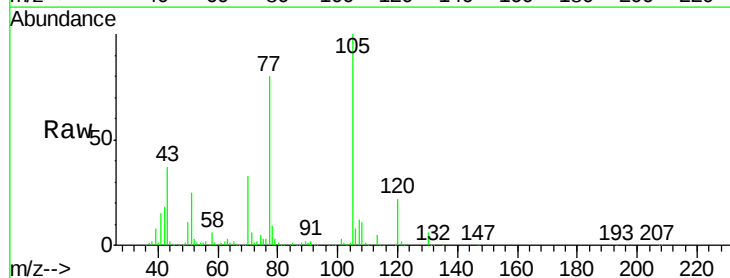
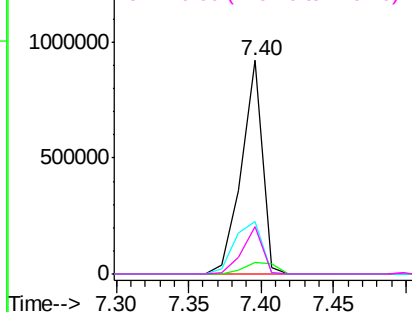
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

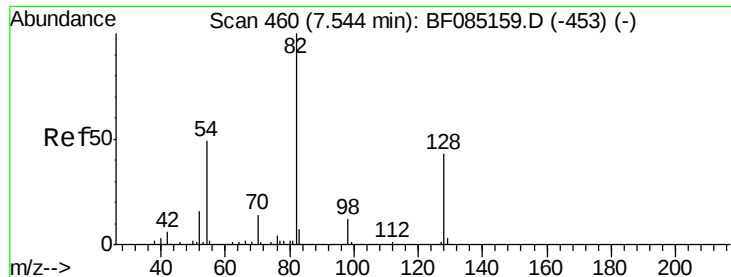


#22
Acetophenone
Concen: 40.40 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.5	4.1	6.1
51	24.8	21.1	31.7
120	22.1	17.3	25.9

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





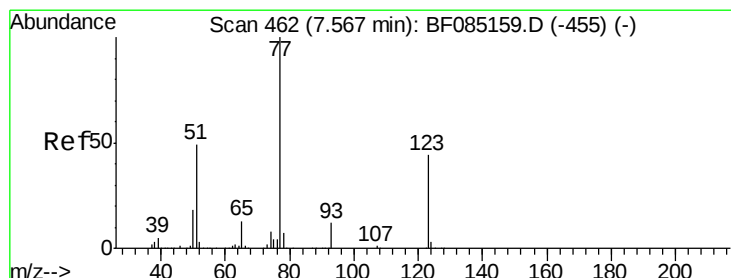
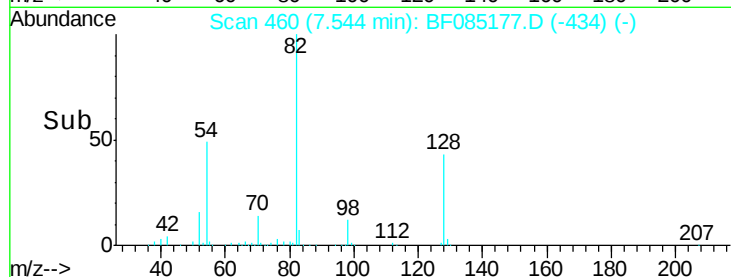
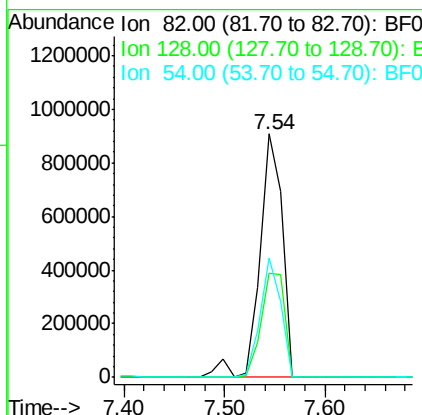
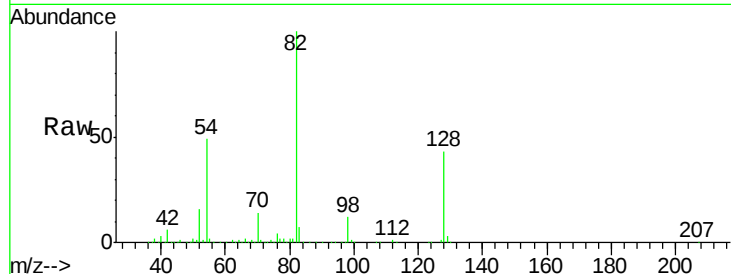
#23
 Nitrobenzene-d5
 Concen: 80.26 ng
 RT: 7.54 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.5	51.7
54	49.0	39.3	58.9

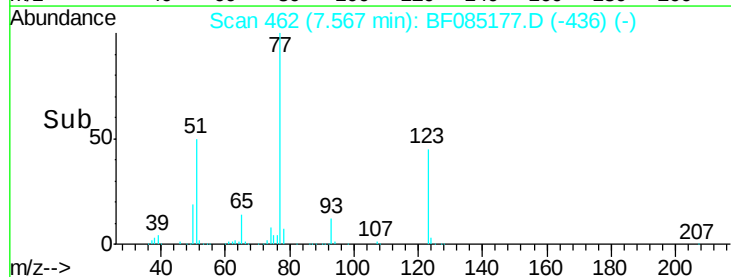
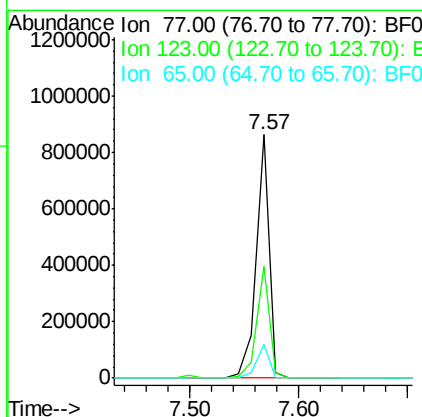
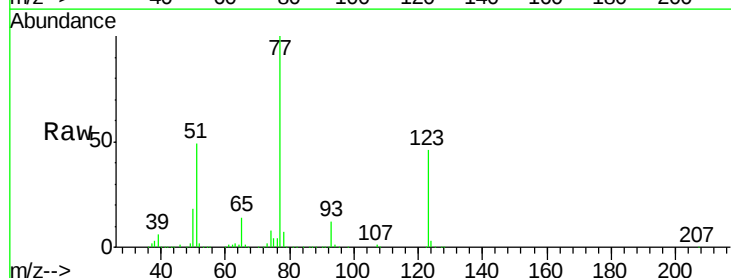
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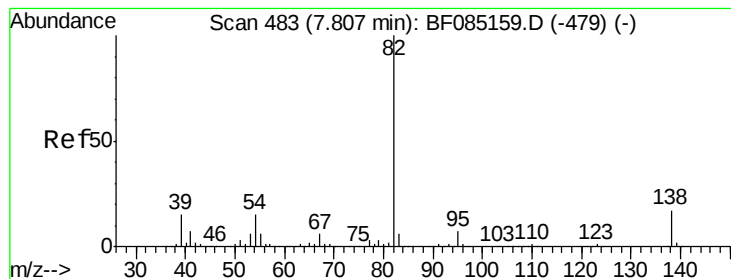
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#24
 Nitrobenzene
 Concen: 40.59 ng
 RT: 7.57 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	35.4	53.2
65	13.7	10.6	16.0





#25

Isophorone

Concen: 40.38 ng

RT: 7.81 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

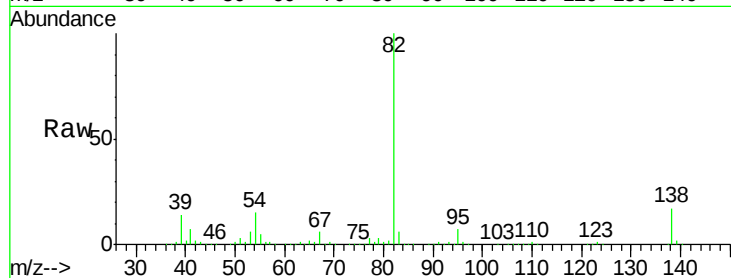
ClientSampleId :

SSTDCCC040

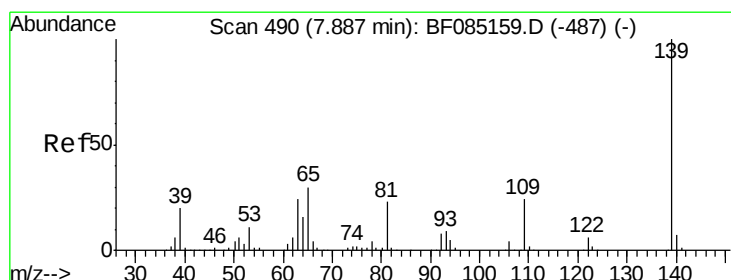
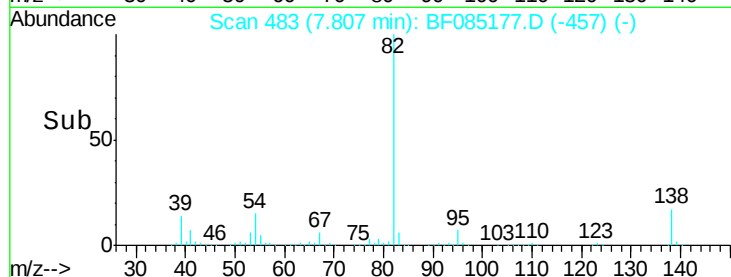
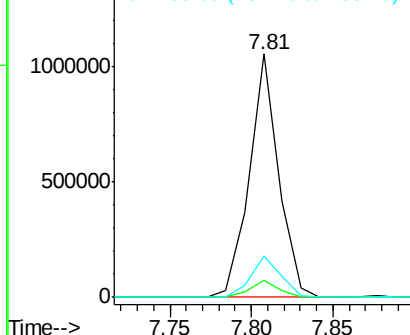
Tgt Ion:	82	Resp:	1309623
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.0	13.3	19.9

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.30 ng

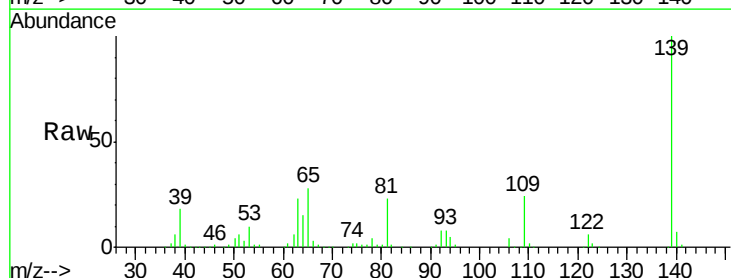
RT: 7.89 min Scan# 490

Delta R.T. 0.00 min

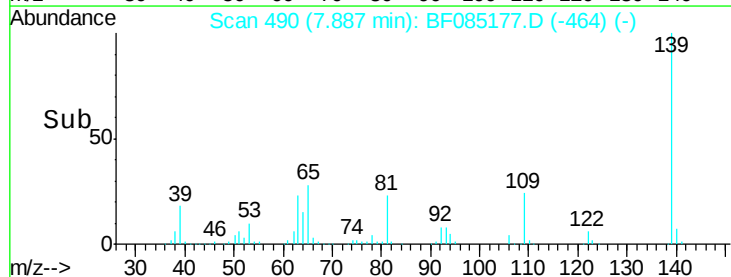
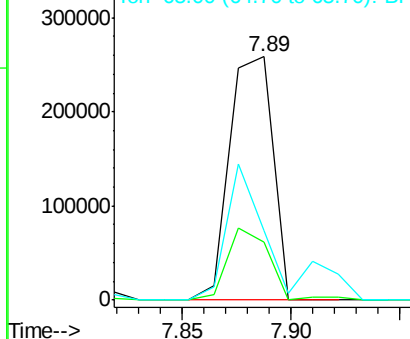
Lab File: BF085177.D

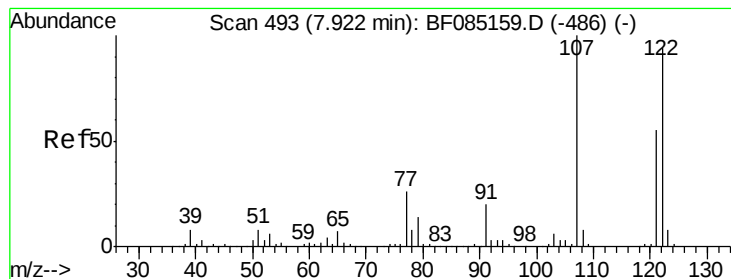
Acq: 4 Mar 2016 00:58

Tgt Ion:	139	Resp:	357326
Ion Ratio	Lower	Upper	
139	100		
109	23.6	19.1	28.7
65	28.5	23.9	35.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.62 ng

RT: 7.92 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

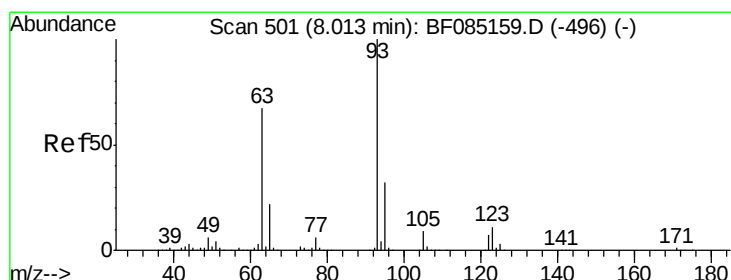
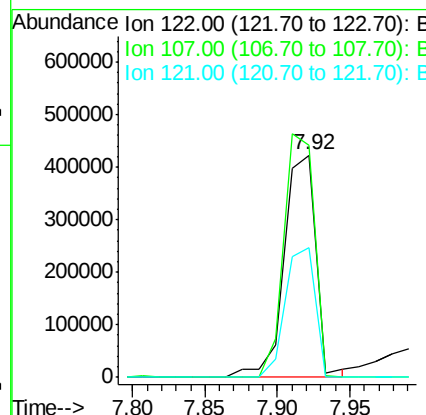
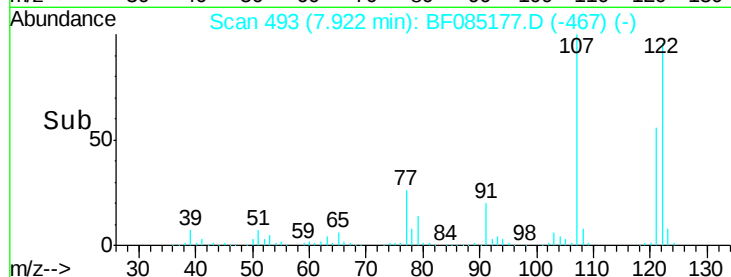
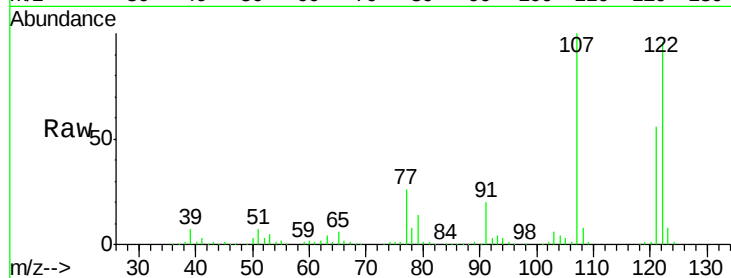
ClientSampleId :

SSTDCCC040

Tgt Ion:	122	Resp:	642195
Ion Ratio	Lower	Upper	
122	100		
107	104.6	84.8	127.2
121	58.6	47.0	70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 39.82 ng

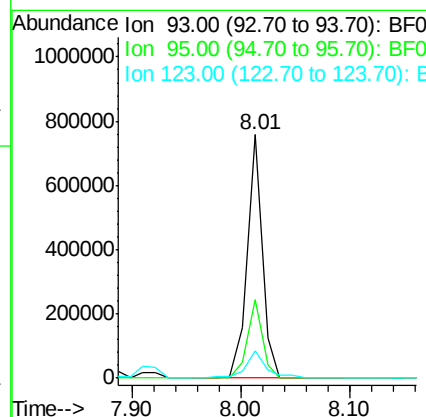
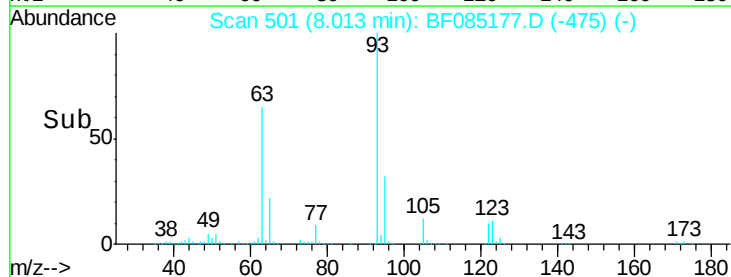
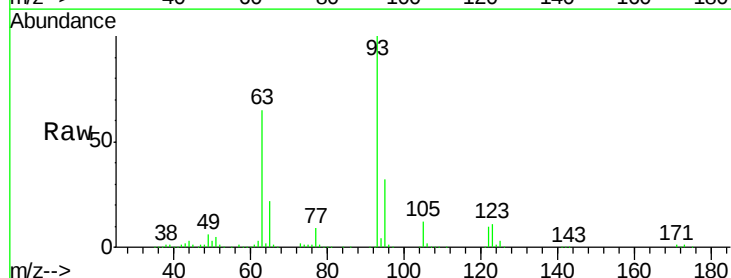
RT: 8.01 min Scan# 501

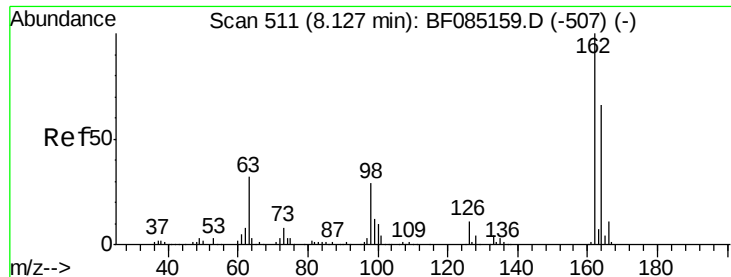
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	93	Resp:	719245
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.9	38.9
123	11.0	8.8	13.2





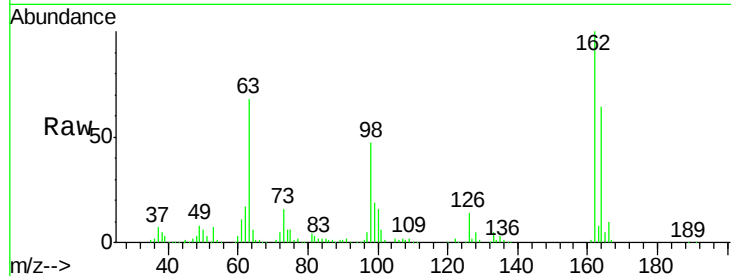
#29
2,4-Dichlorophenol
Concen: 40.22 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	512801		
164	63.7	45.7	85.7	
98	47.0	9.4	49.4	

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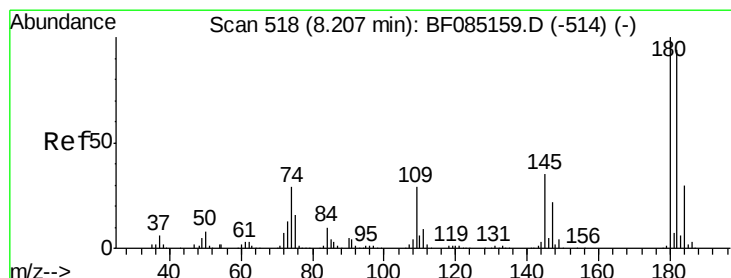
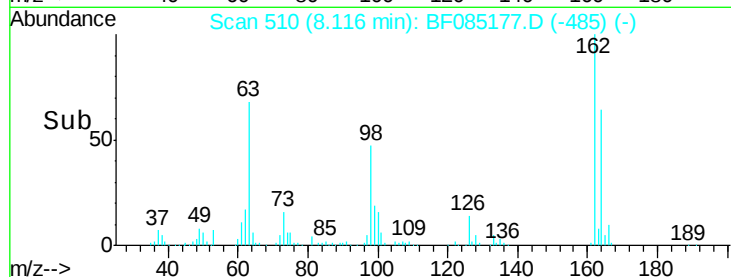
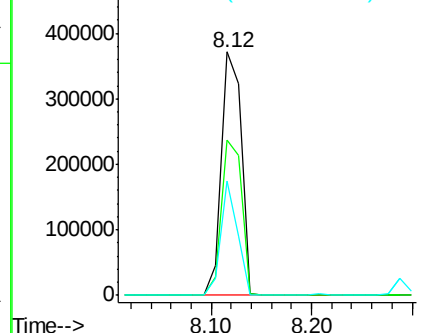


Abundance

Ion 162.00 (161.70 to 162.70): E

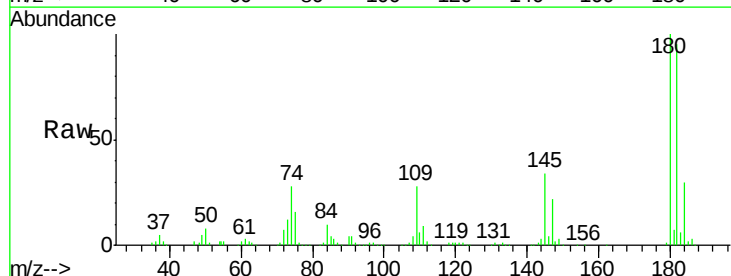
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 39.47 ng
RT: 8.21 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	544125		
182	95.1	74.9	112.3	
145	34.1	27.9	41.9	

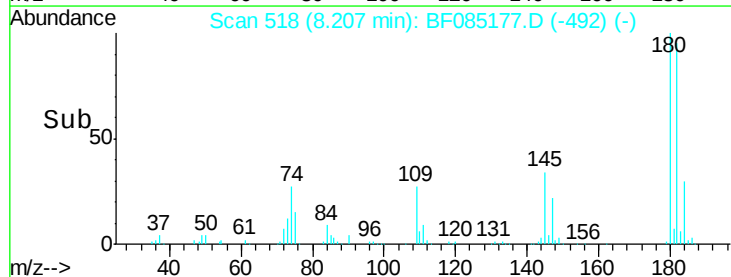
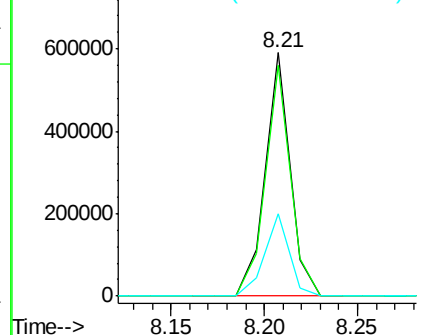


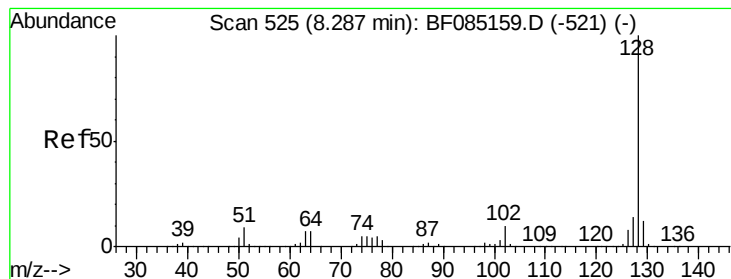
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.68 ng

RT: 8.29 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF085177.D

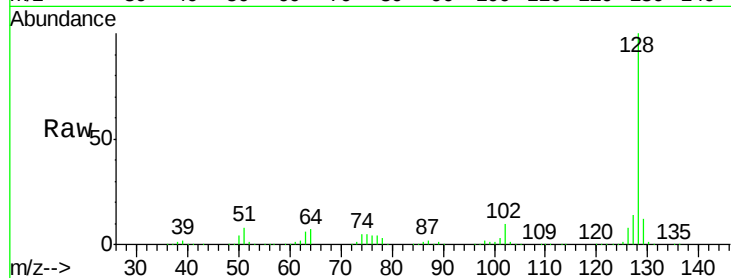
Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

ClientSampleId :

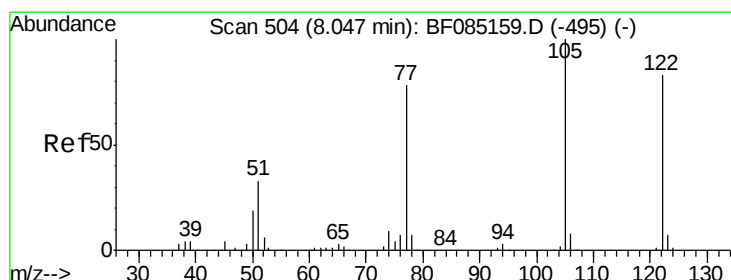
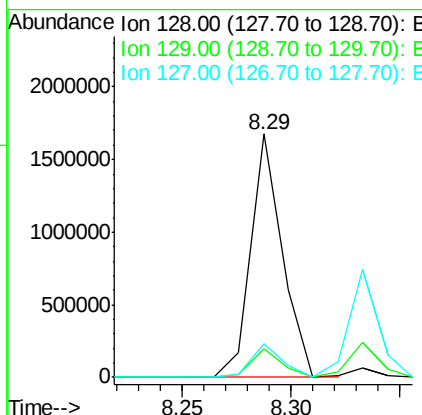
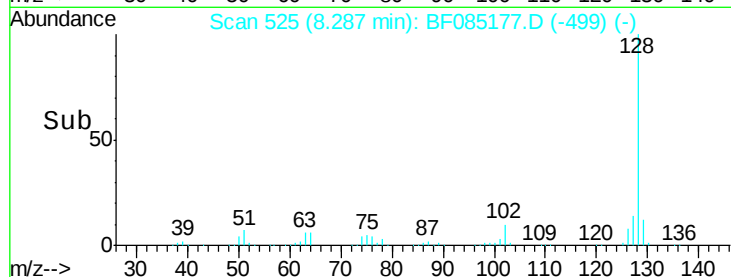
SSTDCCC040



Tgt Ion:	128	Resp:	1689062
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.7	14.5
127	13.8	11.2	16.8

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#32

Benzoic acid

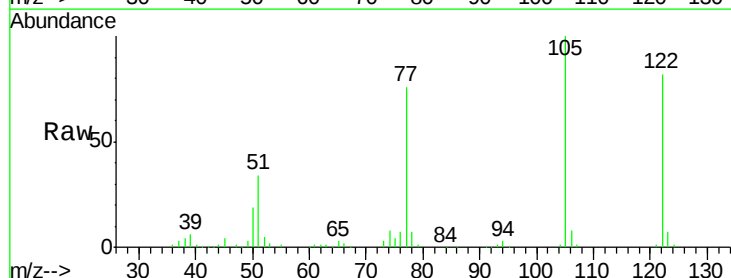
Concen: 35.96 ng

RT: 8.05 min Scan# 504

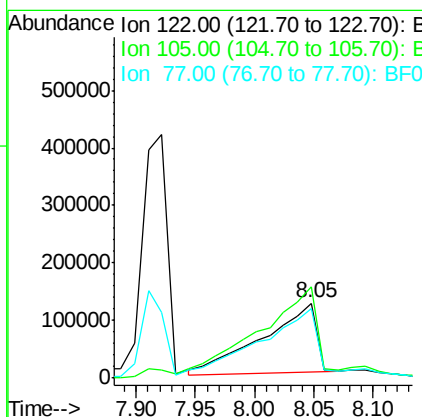
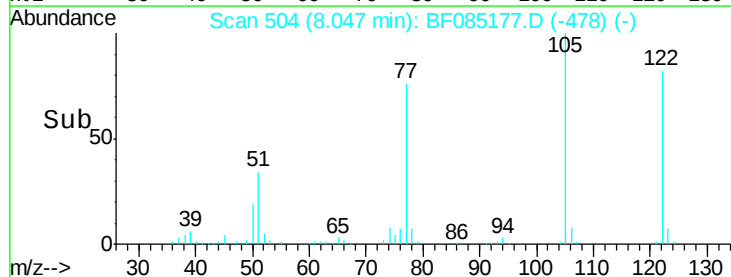
Delta R.T. 0.00 min

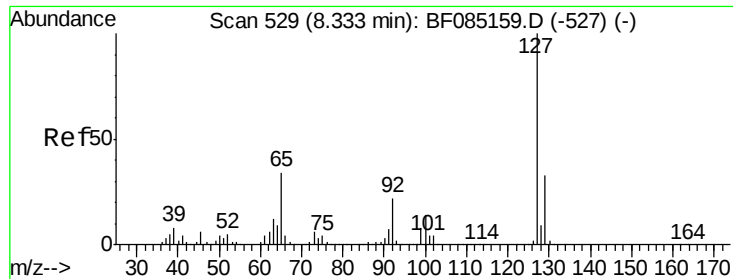
Lab File: BF085177.D

Acq: 4 Mar 2016 00:58



Tgt Ion:	122	Resp:	377601
Ion	Ratio	Lower	Upper
122	100		
105	122.0	101.3	141.3
77	92.8	74.7	114.7





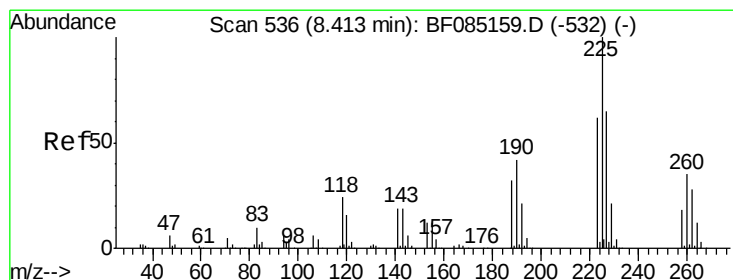
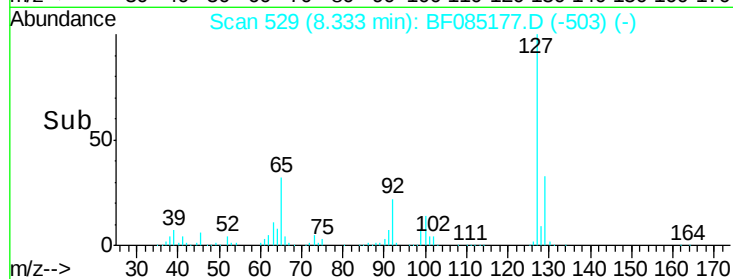
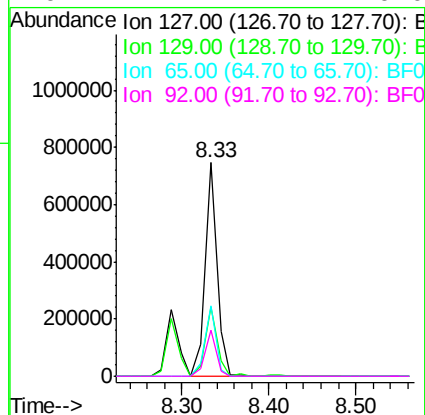
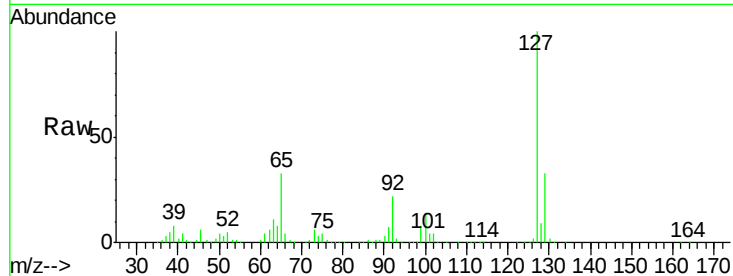
#33
4-Chloroaniline
Concen: 37.93 ng
RT: 8.33 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	706501		
129	32.5	26.1	39.1	
65	32.7	27.0	40.6	
92	21.7	17.4	26.0	

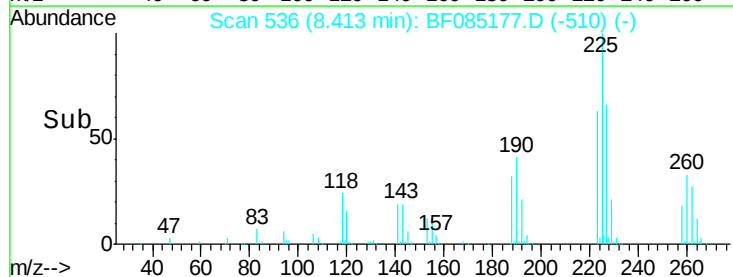
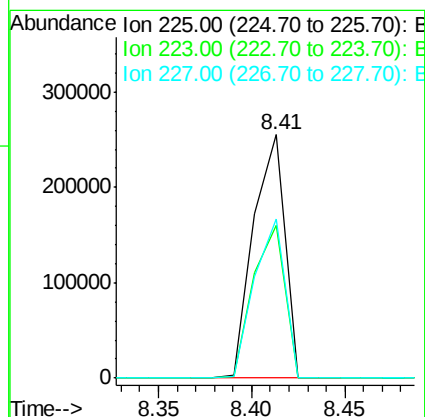
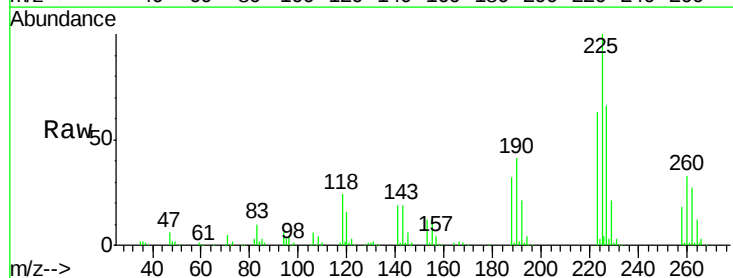
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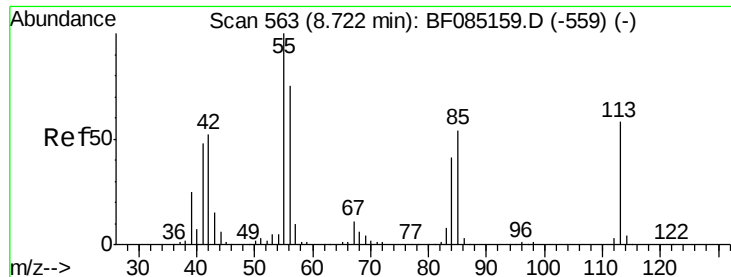
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#34
Hexachlorobutadiene
Concen: 41.30 ng
RT: 8.41 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	296227		
223	62.8	49.7	74.5	
227	65.5	52.2	78.4	





#35

Caprolactam

Concen: 45.09 ng m

RT: 8.72 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF085177.D

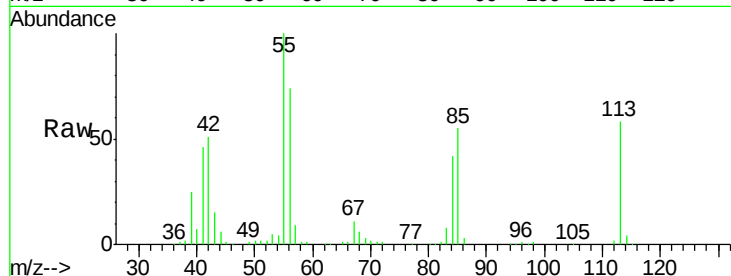
Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

ClientSampleId :

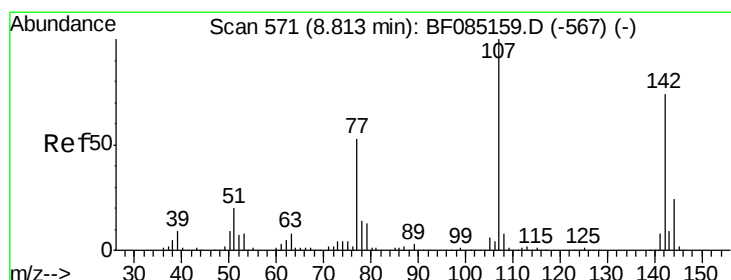
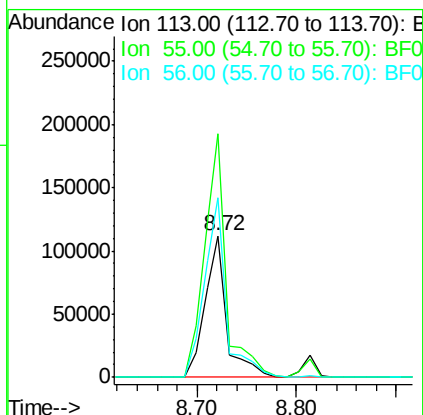
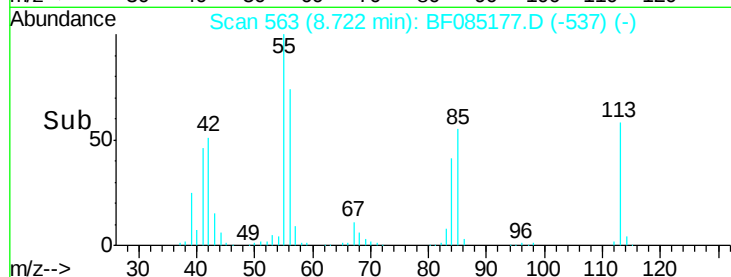
SSTDCCC040



Tgt Ion:	113	Resp:	187764
Ion Ratio	Lower	Upper	
113	100		
55	172.1	152.7	192.7
56	126.7	109.0	149.0

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#36

4-Chloro-3-methylphenol

Concen: 40.08 ng

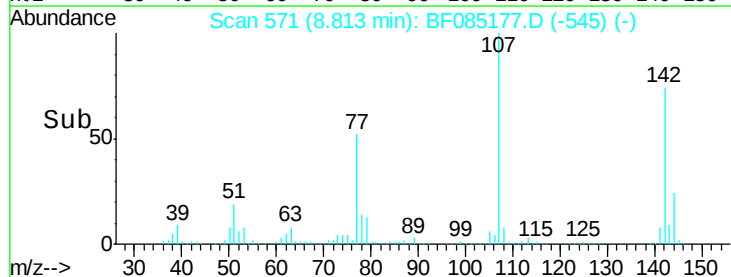
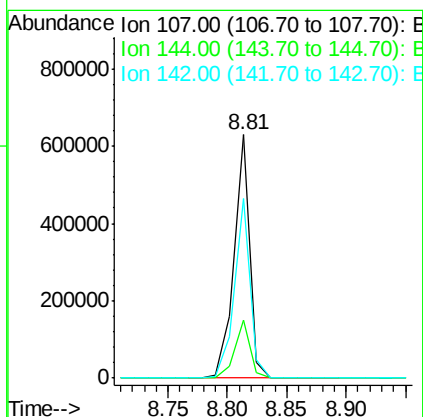
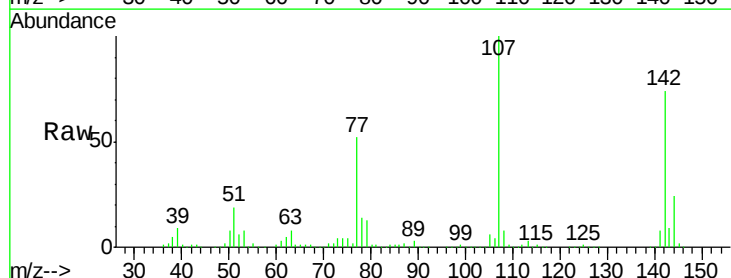
RT: 8.81 min Scan# 571

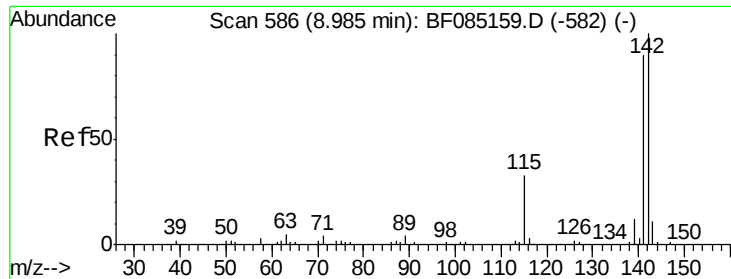
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	107	Resp:	579780
Ion Ratio	Lower	Upper	
107	100		
144	24.0	19.4	29.2
142	73.7	59.4	89.2





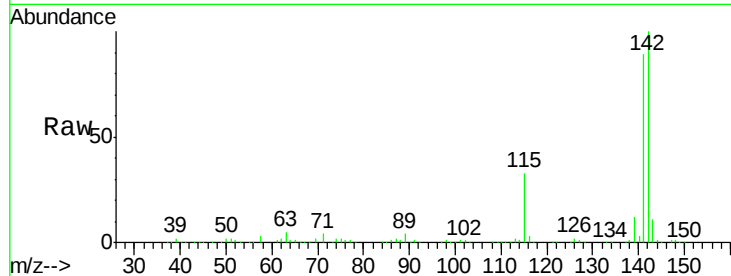
#37
2-Methylnaphthalene
Concen: 40.16 ng
RT: 8.98 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

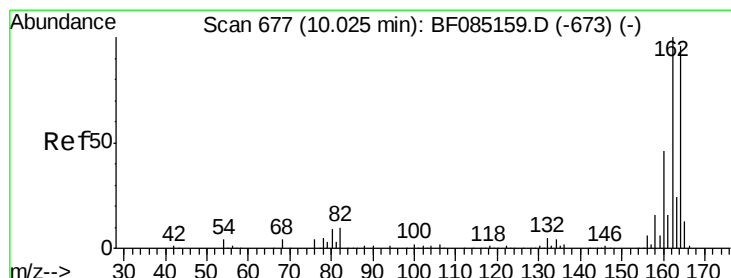
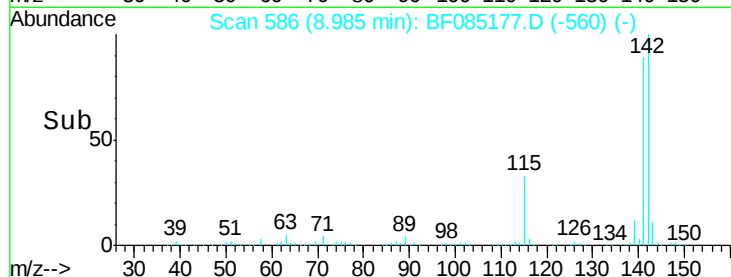
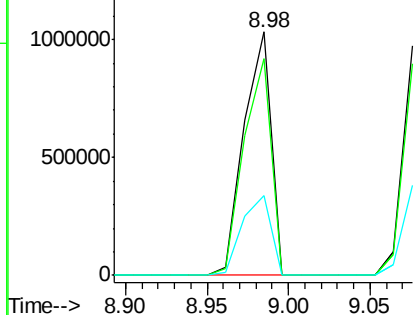
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.7	107.5
115	32.7	26.2	39.4

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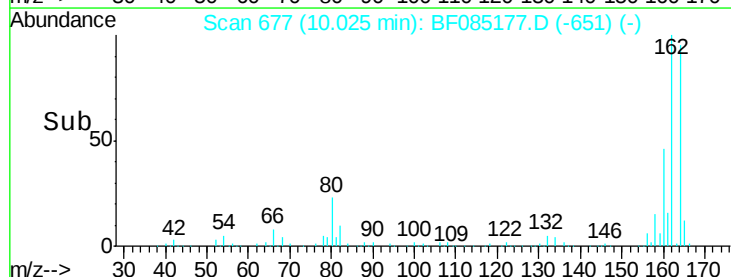
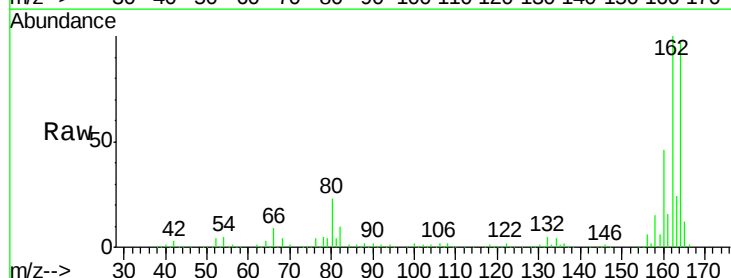
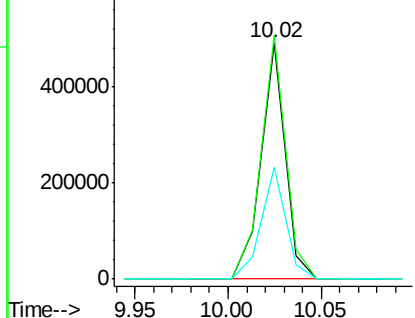
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

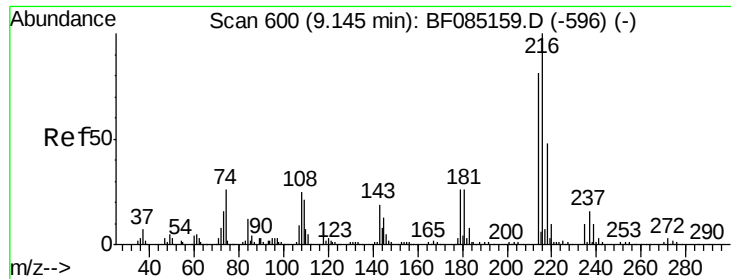


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.3	124.9
160	47.1	37.9	56.9

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.01 ng

RT: 9.14 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085177.D

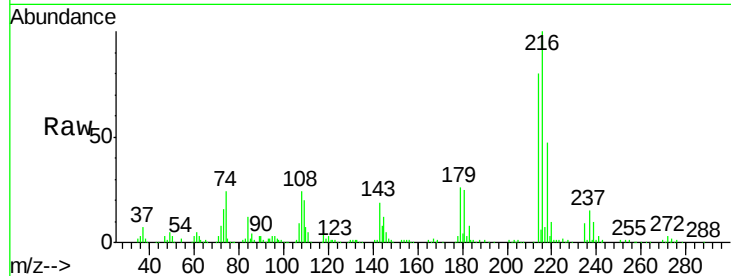
Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

ClientSampleId :

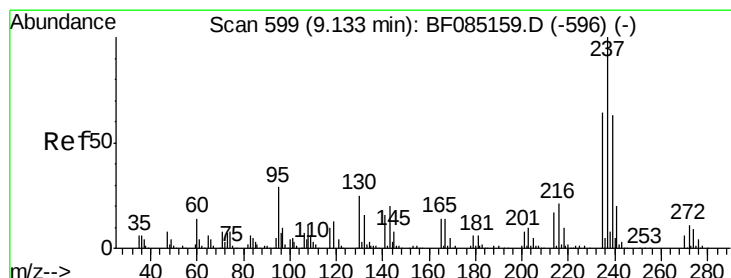
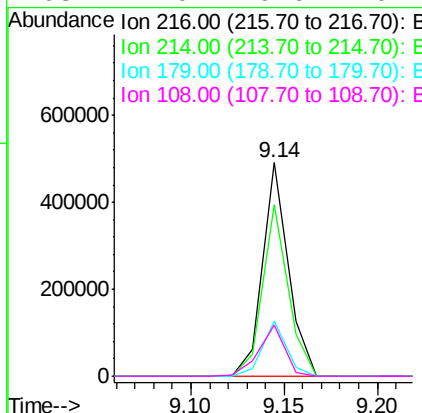
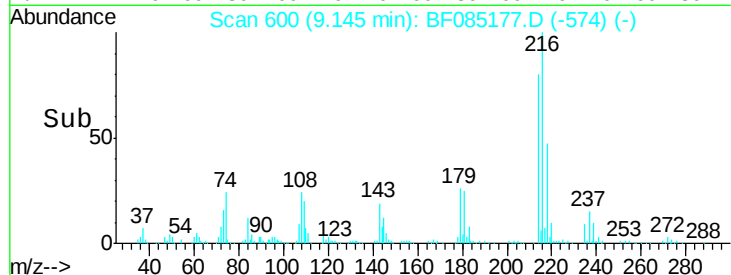
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	467177		
214	79.3	63.8	95.6	
179	24.1	19.6	29.4	
108	24.0	19.6	29.4	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 40.12 ng

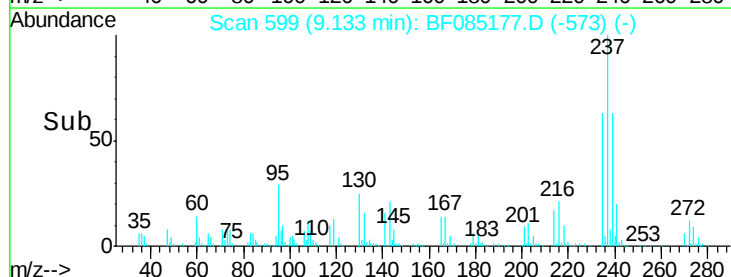
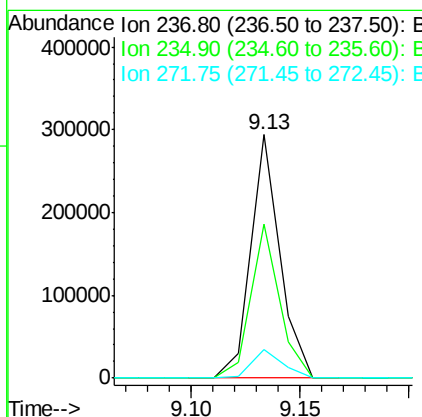
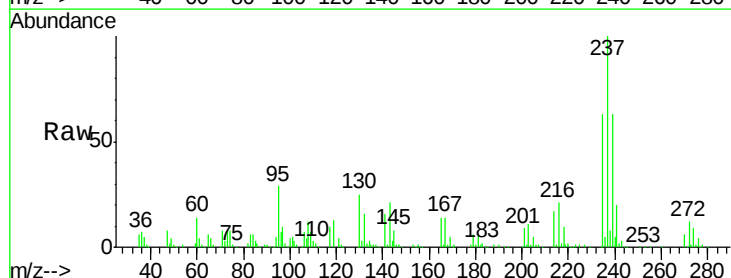
RT: 9.13 min Scan# 599

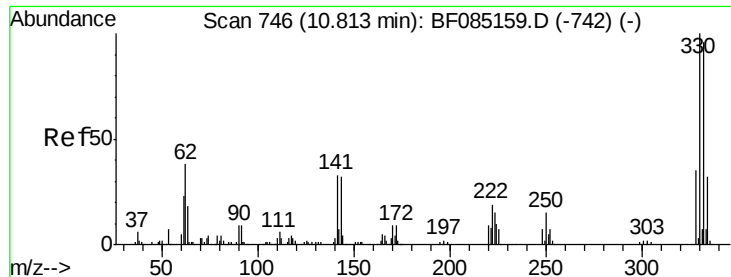
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	273159		
235	63.2	43.7	83.7	
272	11.8	0.0	31.5	





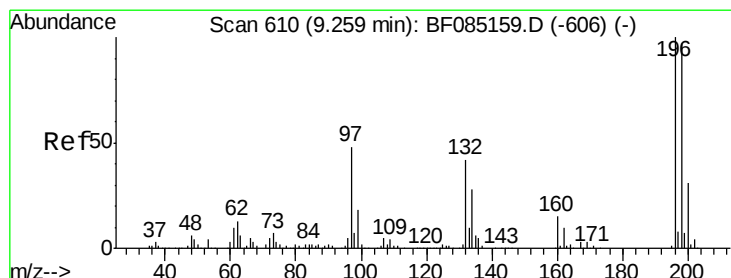
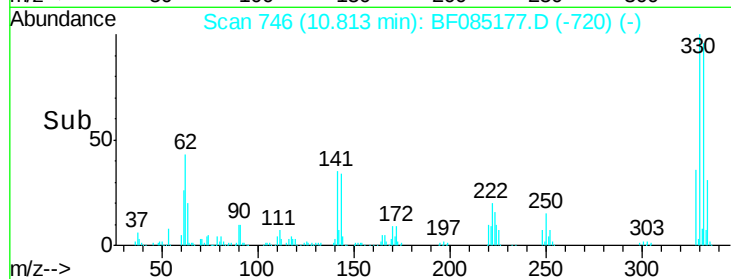
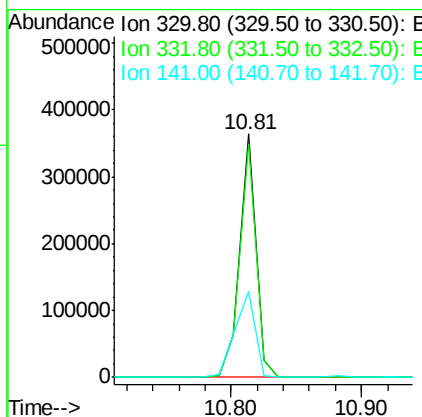
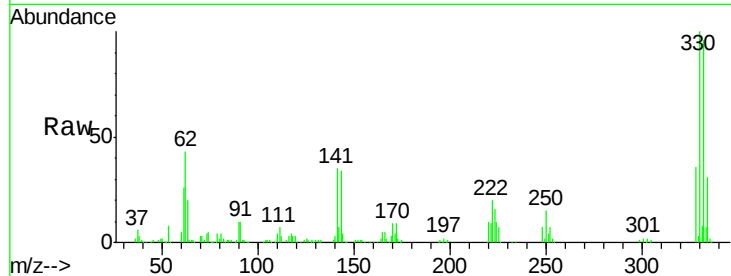
#41
 2,4,6-Tribromophenol
 Concen: 82.92 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	313179		
332	96.1	77.1	115.7	
141	43.3	35.0	52.6	

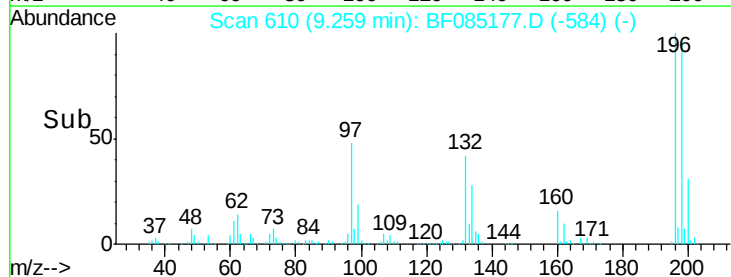
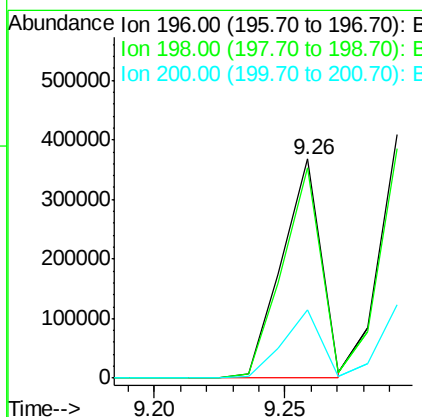
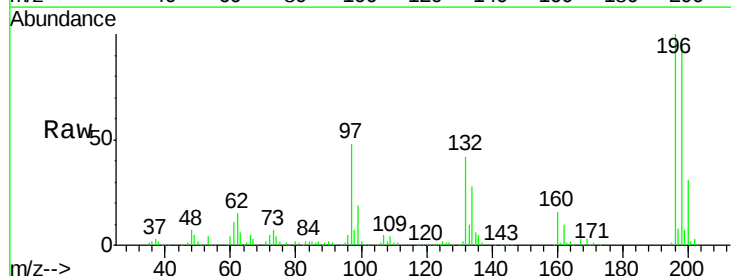
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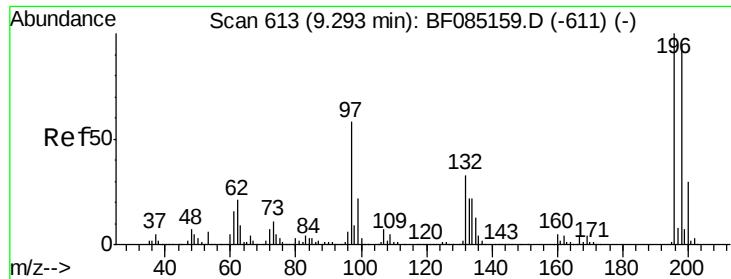
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#42
 2,4,6-Trichlorophenol
 Concen: 40.84 ng
 RT: 9.26 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

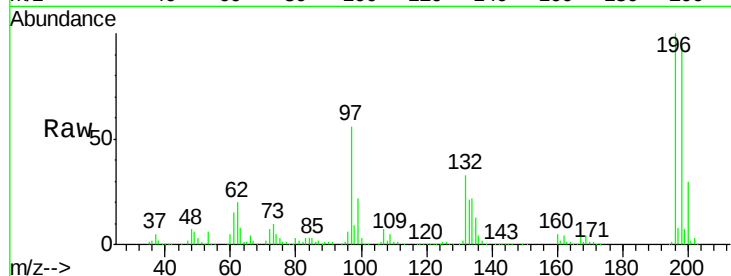
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	383733		
198	96.0	77.8	116.6	
200	30.9	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 41.55 ng
 RT: 9.29 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

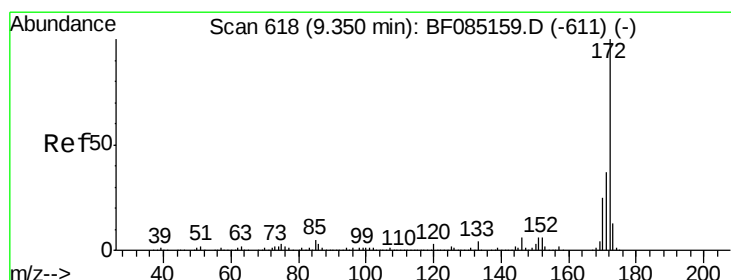
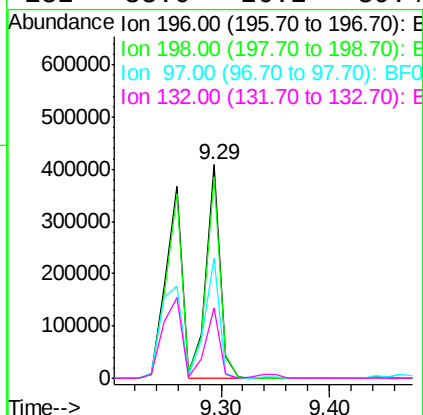
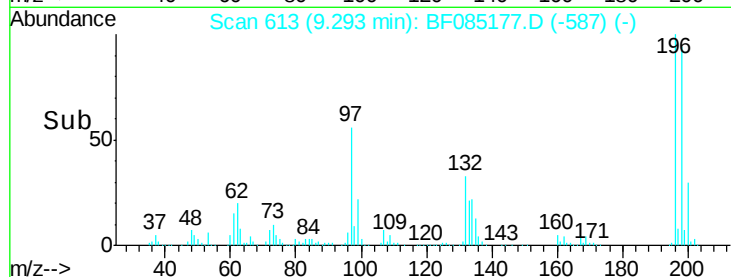
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



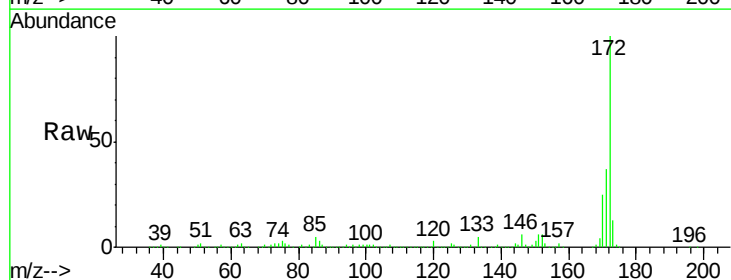
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	370246		
198	94.1	75.7	113.5	
97	56.4	46.4	69.6	
132	33.0	26.2	39.4	

Manual Integrations
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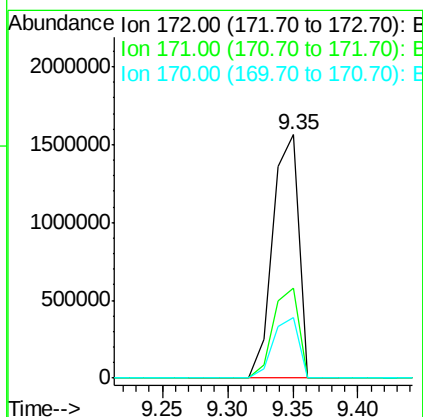
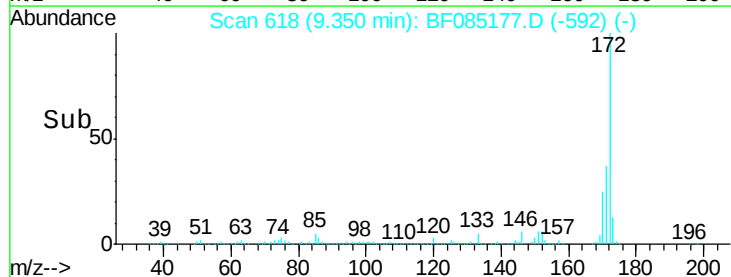
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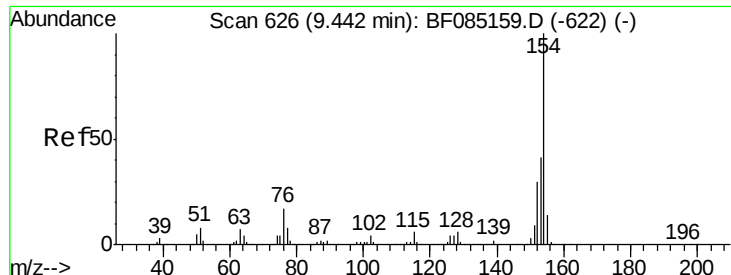


#44
 2-Fluorobiphenyl
 Concen: 75.03 ng
 RT: 9.35 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2177867		
171	36.7	29.3	43.9	
170	25.0	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 34.96 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1318523

Ion Ratio Lower Upper

154 100

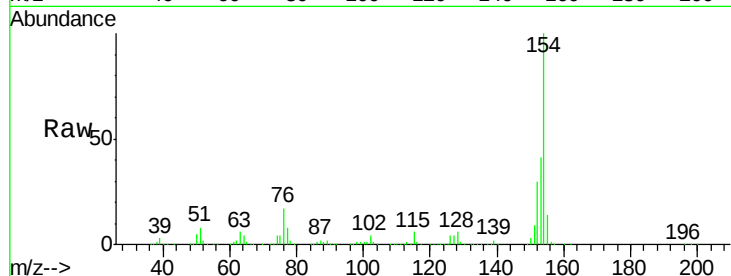
153 41.4 21.4 61.4

76 17.0 0.0 37.5

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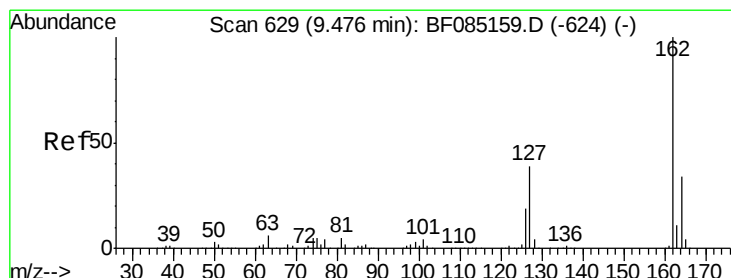
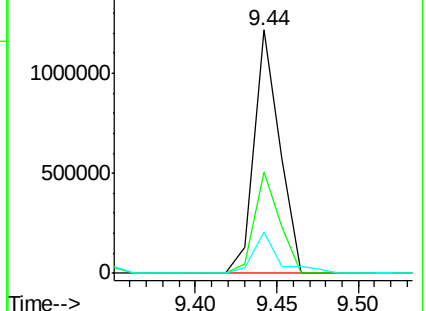
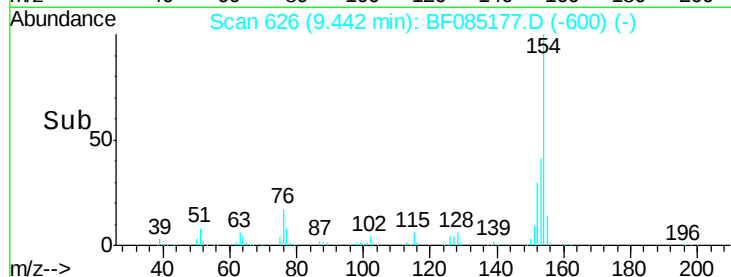
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.01 ng

RT: 9.48 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

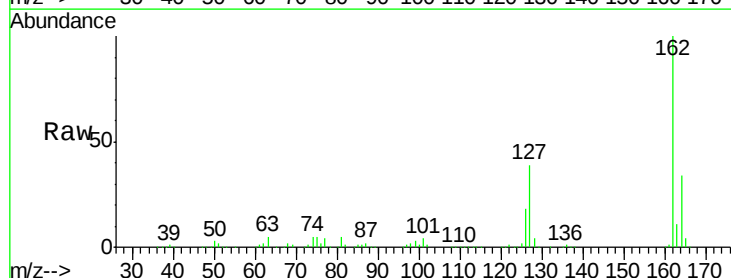
Tgt Ion:162 Resp: 1121513

Ion Ratio Lower Upper

162 100

127 38.8 31.6 47.4

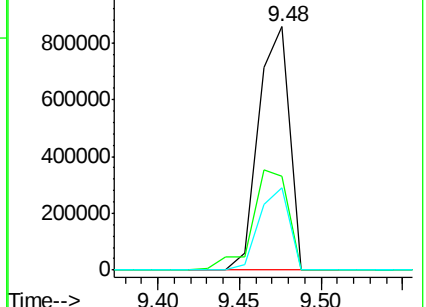
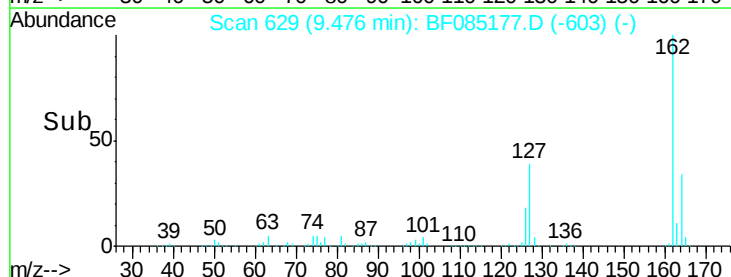
164 33.8 27.1 40.7

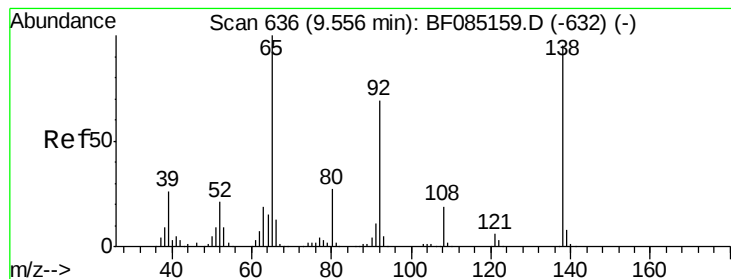


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.23 ng

RT: 9.56 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

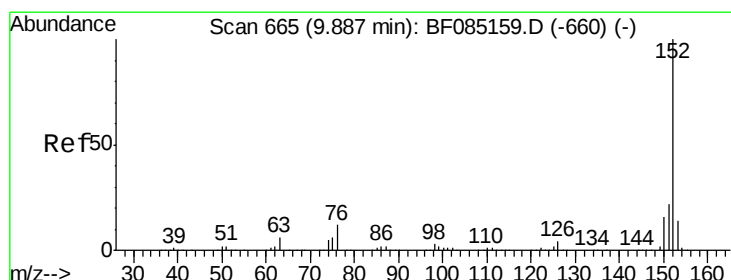
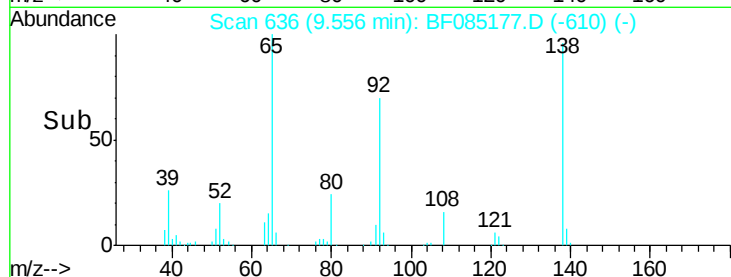
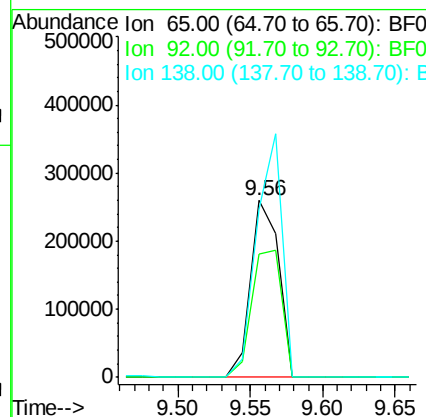
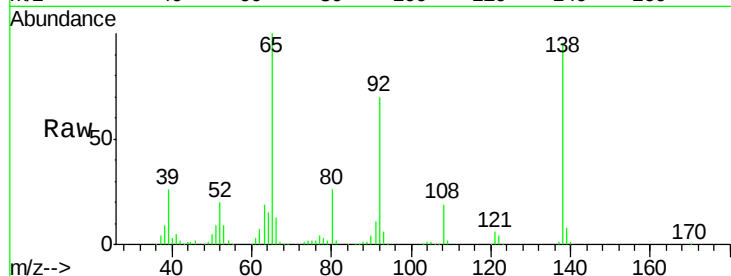
ClientSampleId :

SSTDCCC040

Tgt Ion:	65	Resp:	349475
Ion Ratio	Lower	Upper	
65	100		
92	69.5	55.4	83.2
138	95.3	75.7	113.5

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#48

Acenaphthylene

Concen: 38.83 ng

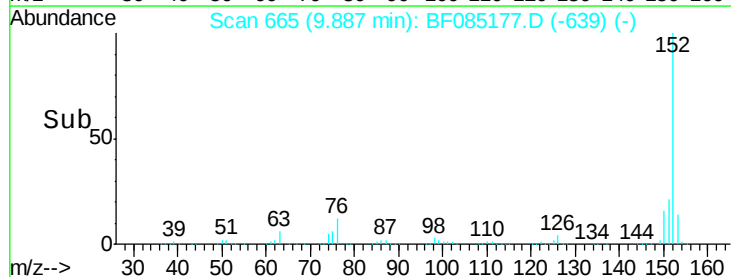
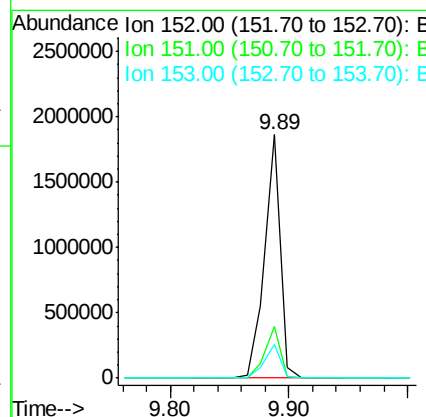
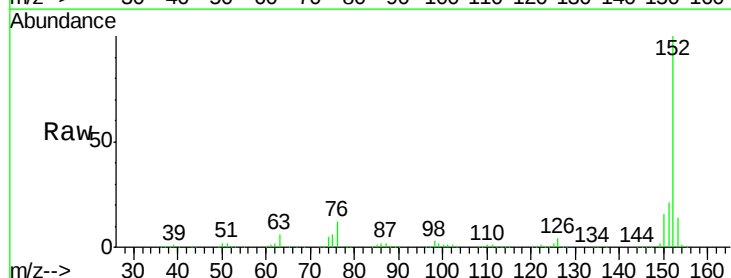
RT: 9.89 min Scan# 665

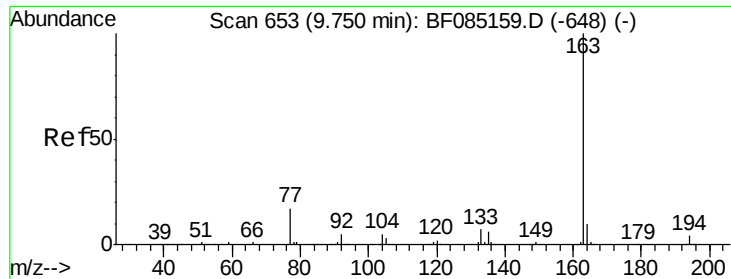
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	152	Resp:	1737282
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.5	26.3
153	14.1	11.3	16.9





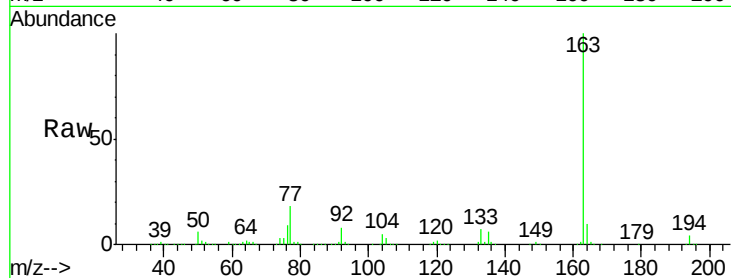
#49
Dimethylphthalate
Concen: 40.92 ng
RT: 9.75 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

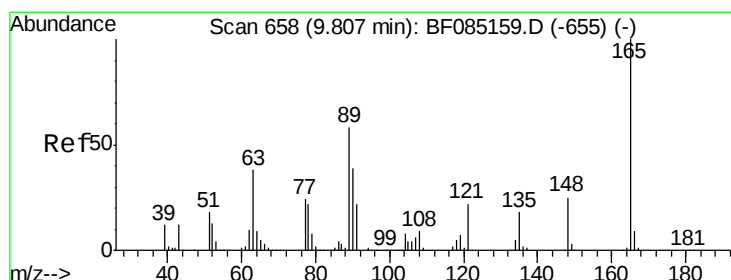
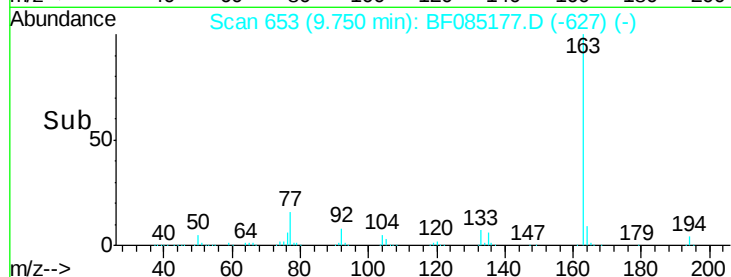
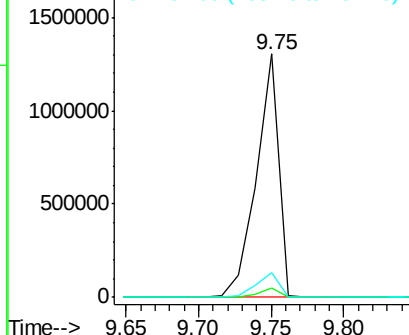
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.3	8.2	12.4

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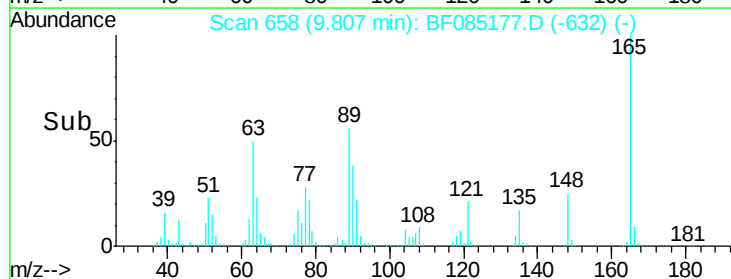
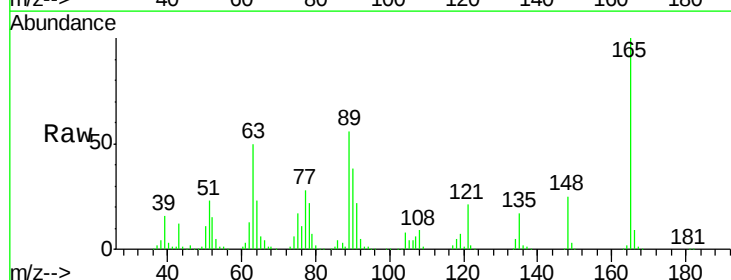
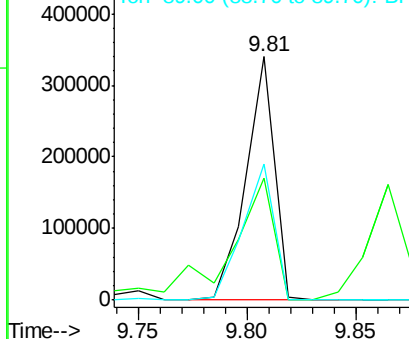
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

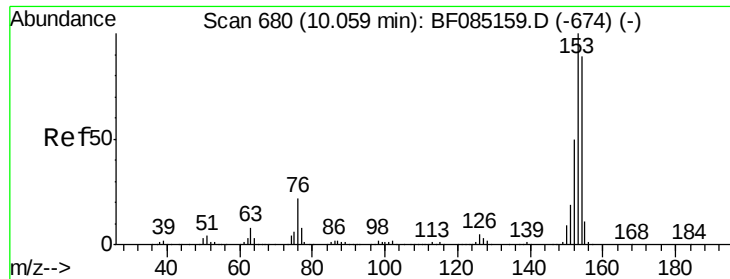


#50
2,6-Dinitrotoluene
Concen: 42.63 ng
RT: 9.81 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.2	41.8	62.8
89	56.1	46.7	70.1

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: 37.52 ng

RT: 10.06 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1019344

Ion Ratio Lower Upper

154 100

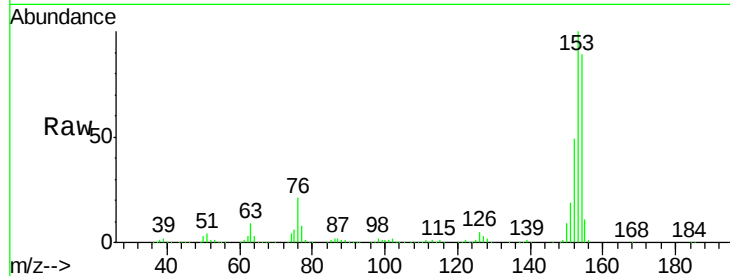
153 112.2 89.8 134.8

152 55.2 44.6 66.8

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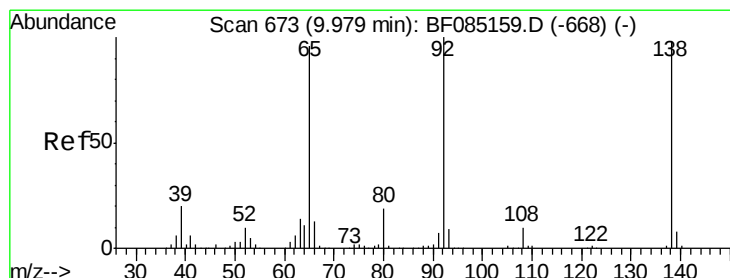
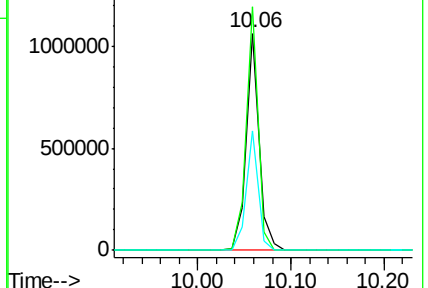
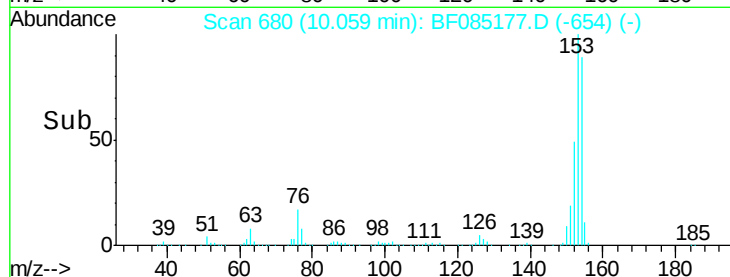
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.26 ng

RT: 9.98 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

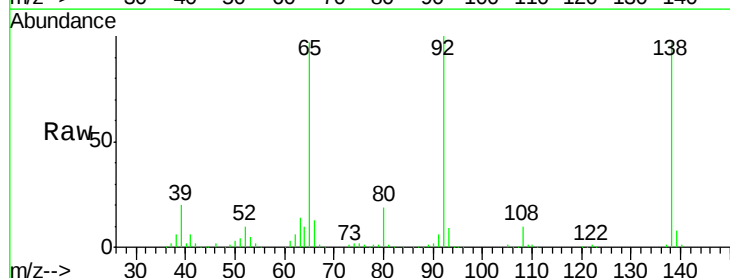
Tgt Ion:138 Resp: 383782

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.6

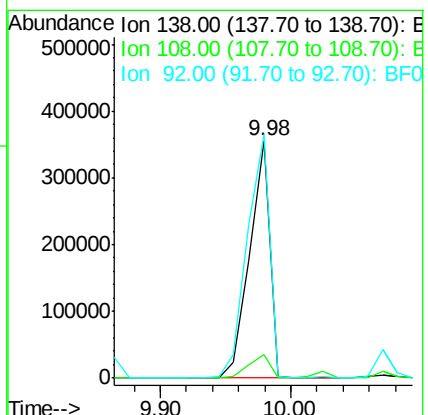
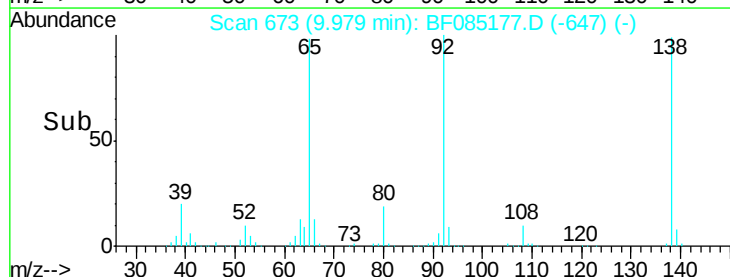
92 102.6 81.3 121.9

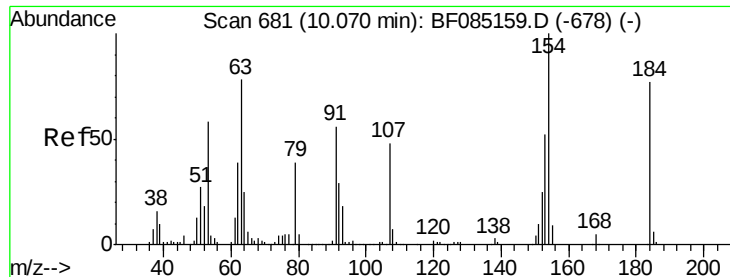


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





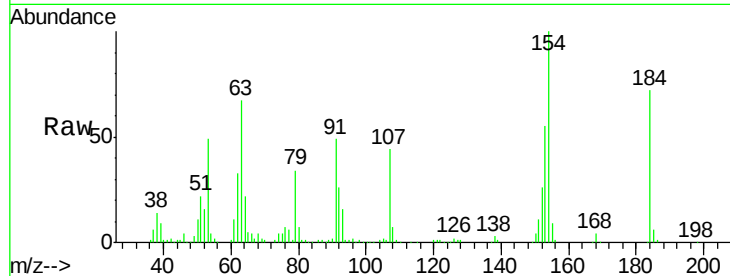
#53
2,4-Dinitrophenol
Concen: 40.80 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

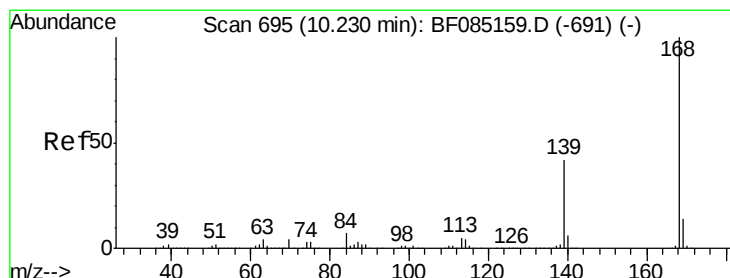
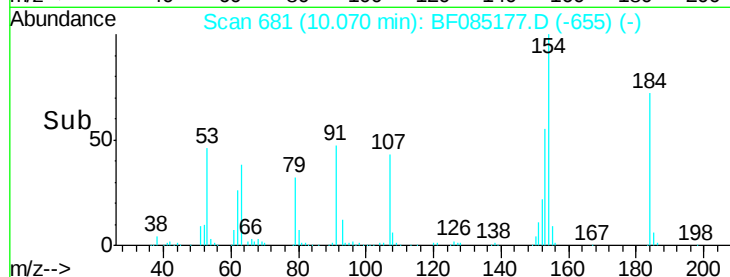
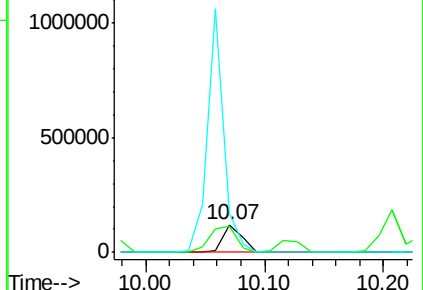
Tgt Ion	Ratio	Lower	Upper
184	100		
63	92.3	82.2	123.4
154	138.7	108.9	163.3

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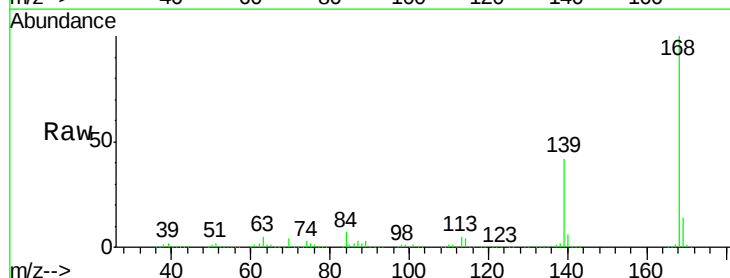


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

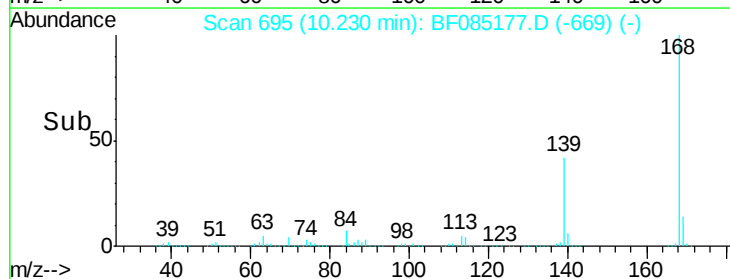
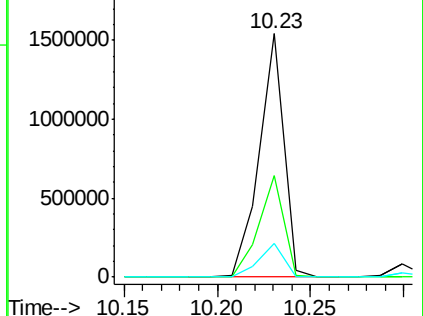


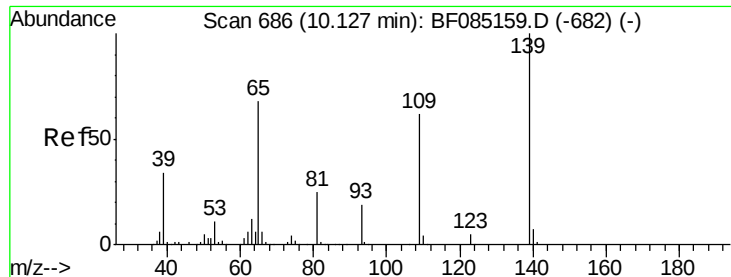
#54
Dibenzofuran
Concen: 39.44 ng
RT: 10.23 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.7	33.6	50.4
169	13.9	11.2	16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





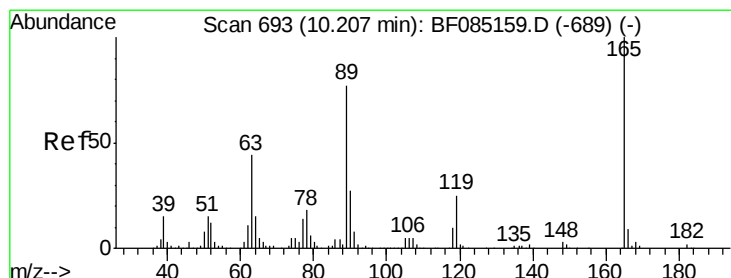
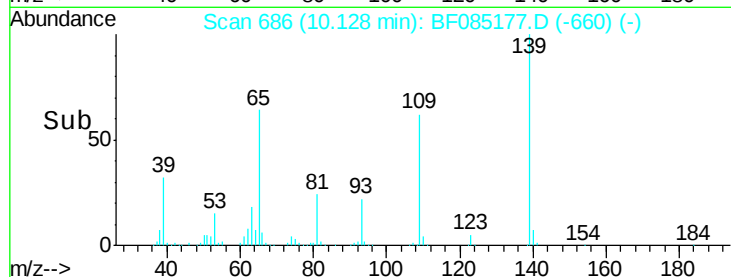
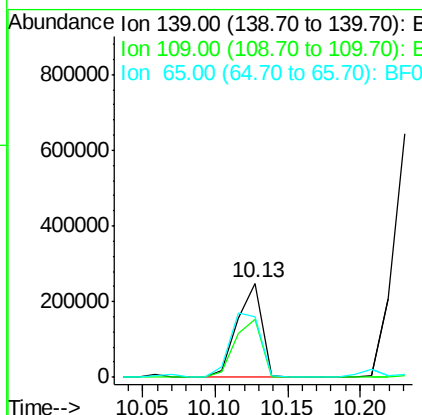
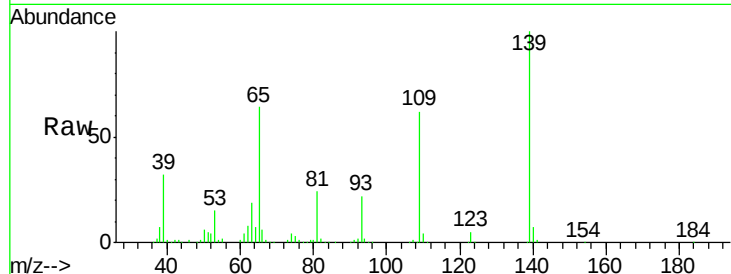
#55
4-Nitrophenol
Concen: 43.54 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	296722		
109	61.8	41.9	81.9	
65	64.4	48.3	88.3	

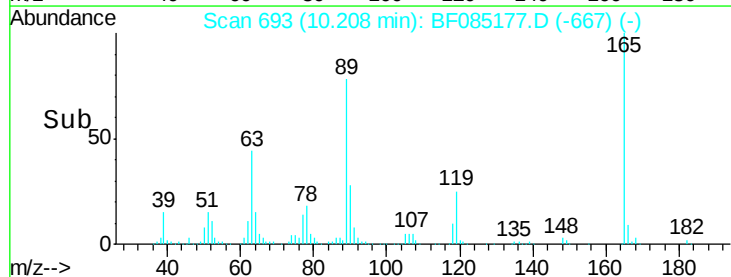
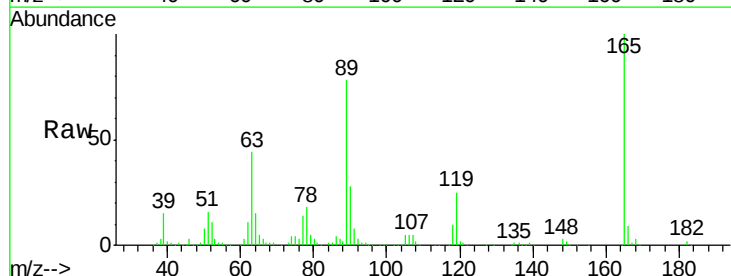
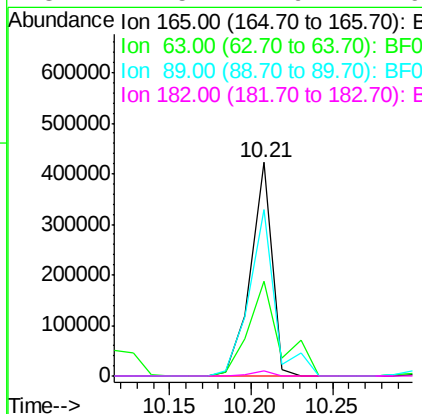
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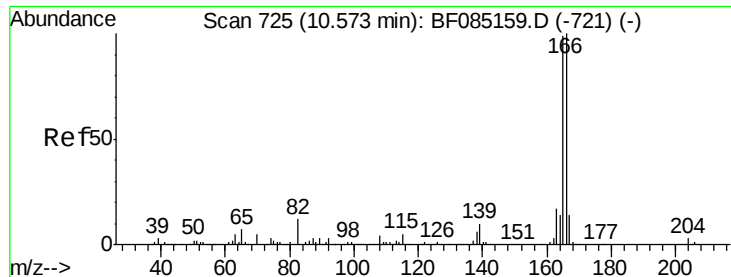
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#56
2,4-Dinitrotoluene
Concen: 41.45 ng
RT: 10.21 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	384466		
63	44.1	35.4	53.0	
89	77.7	61.9	92.9	
182	2.5	1.9	2.9	





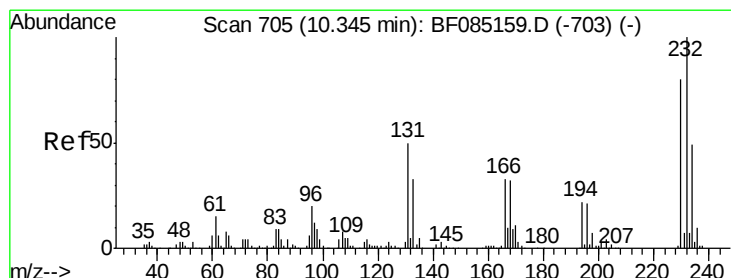
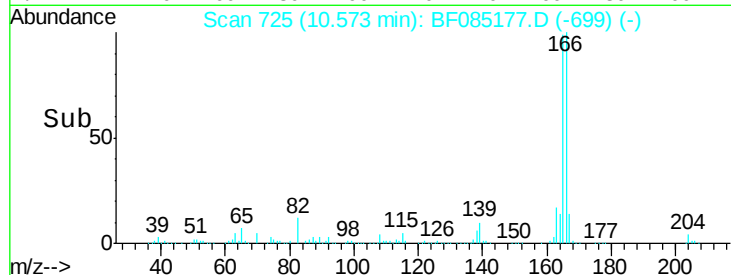
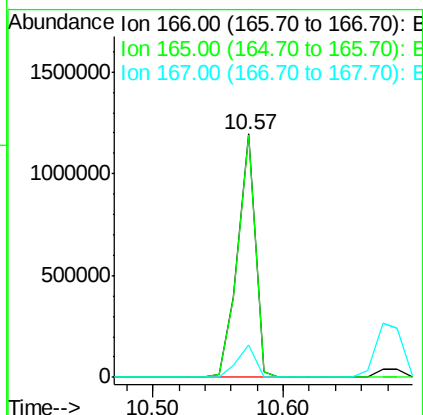
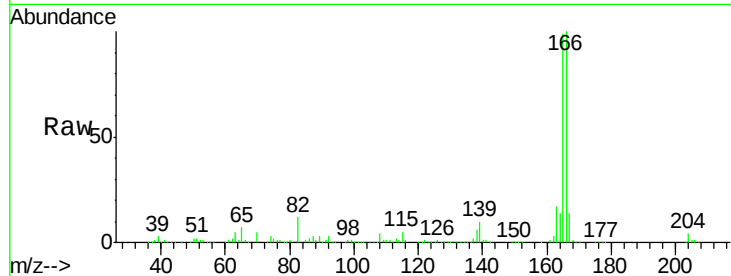
#57
 Fluorene
 Concen: 40.13 ng
 RT: 10.57 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.4	119.0
167	13.5	11.0	16.6

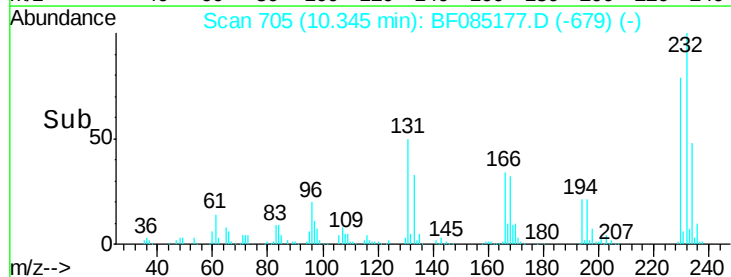
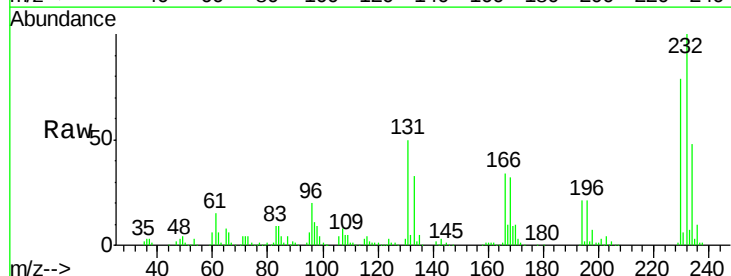
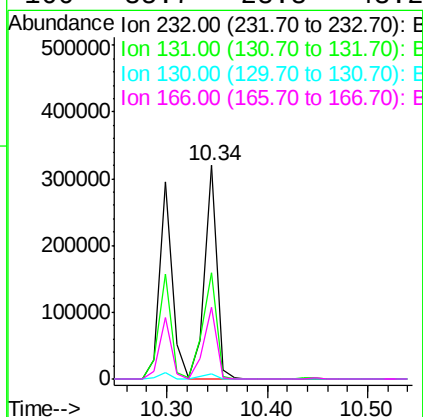
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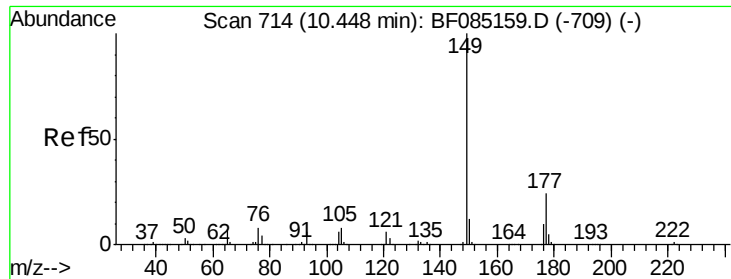
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.40 ng
 RT: 10.34 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.4	46.0	69.0
130	2.8	2.2	3.4
166	35.7	28.8	43.2





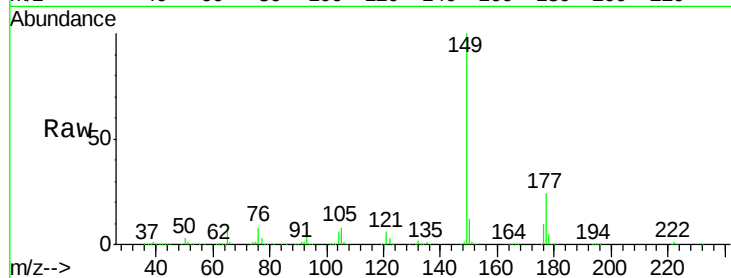
#59
Diethylphthalate
Concen: 40.40 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

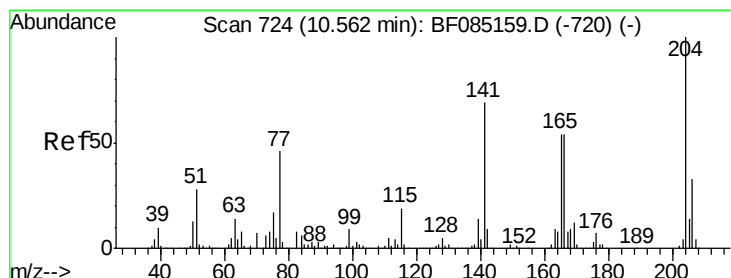
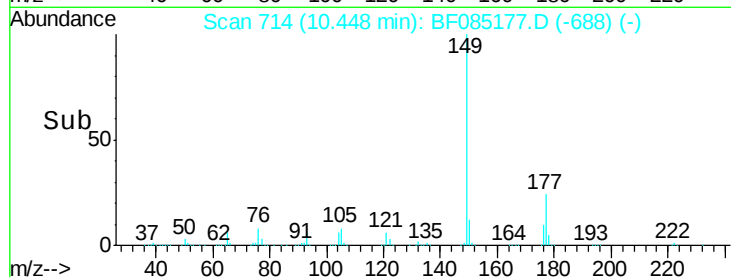
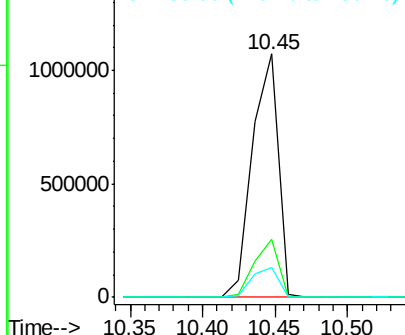
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.2	28.8
150	12.4	9.9	14.9

Manual Integrations
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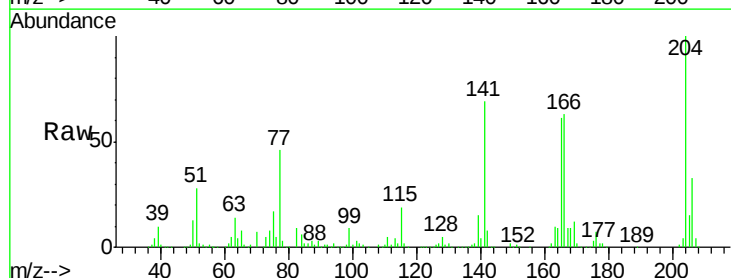


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

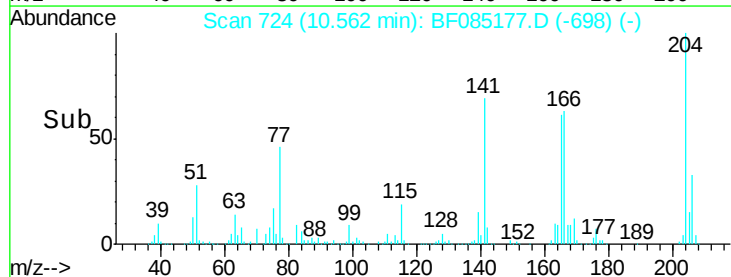
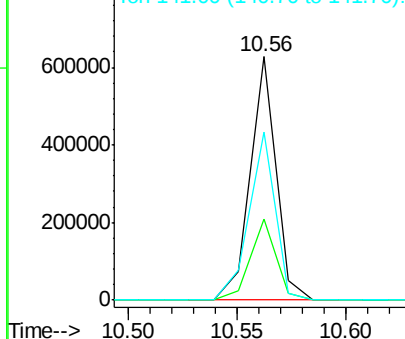


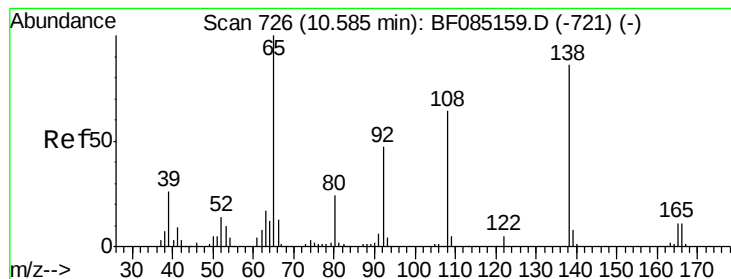
#60
4-Chlorophenyl-phenylether
Concen: 37.88 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	69.0	55.4	83.2



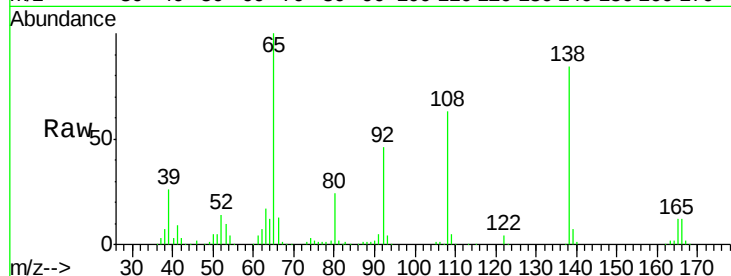
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61
4-Nitroaniline
Concen: 41.71 ng
RT: 10.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

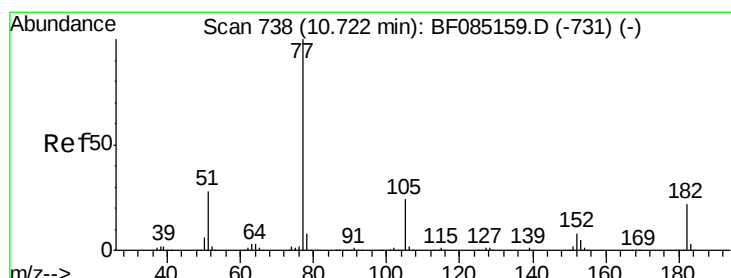
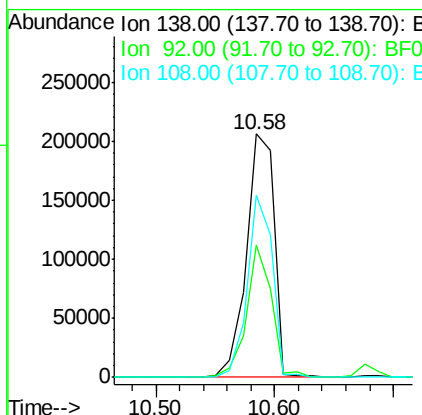
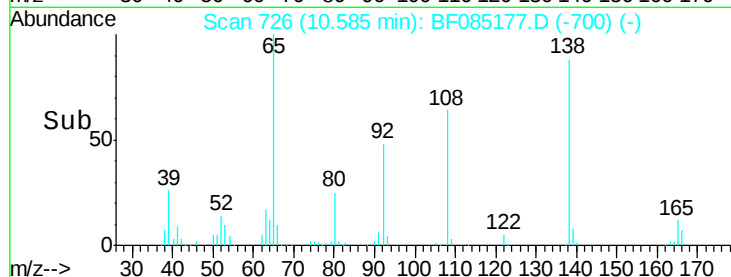
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	338337		
92	54.3	34.2	74.2	
108	75.0	53.9	93.9	

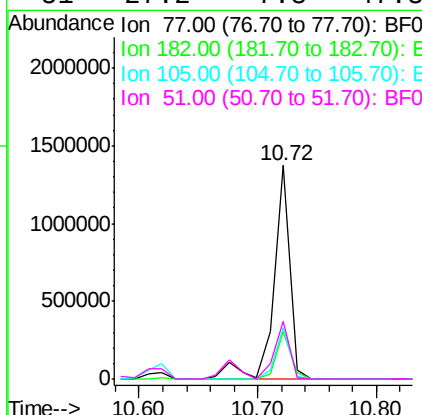
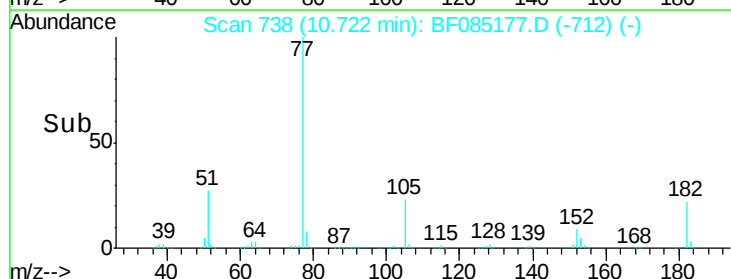
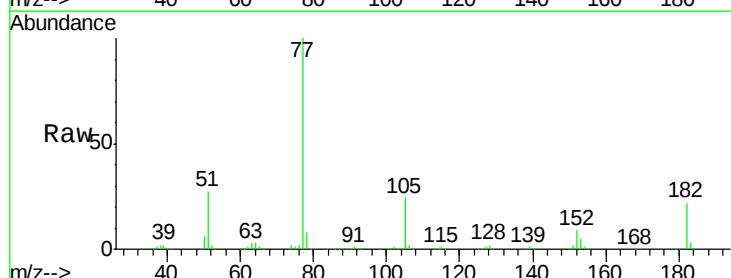
Manual Integrations
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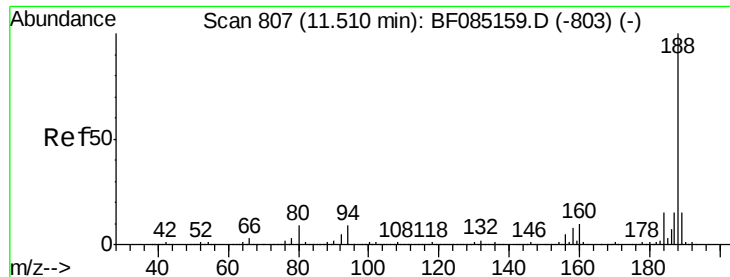
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#62
Azobenzene
Concen: 40.53 ng
RT: 10.72 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1312825		
182	22.4	2.1	42.1	
105	24.0	3.8	43.8	
51	27.2	7.8	47.8	





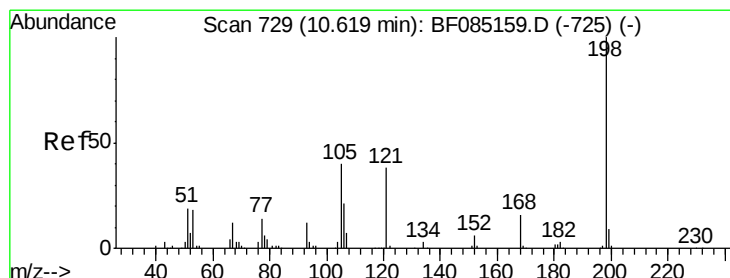
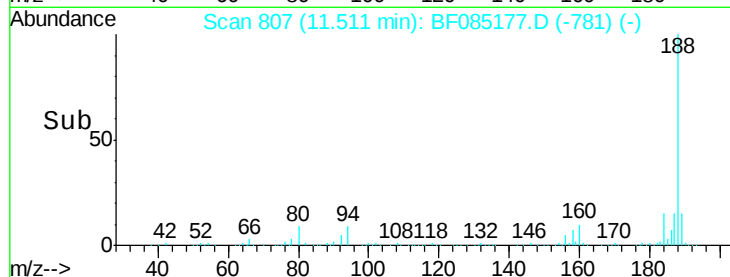
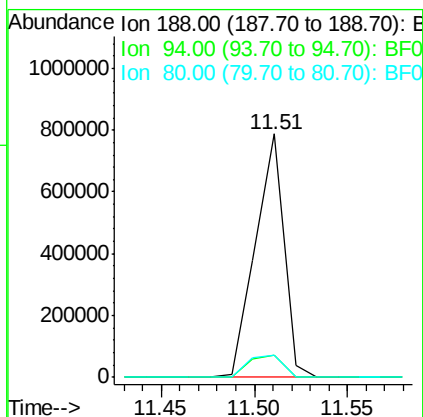
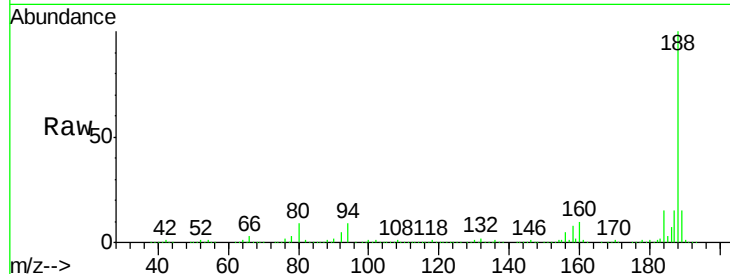
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.9	7.0	10.6
80	9.2	7.4	11.0

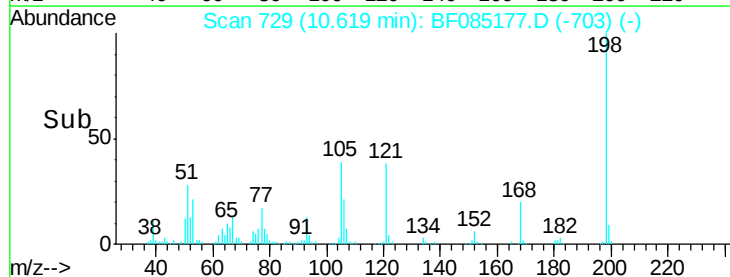
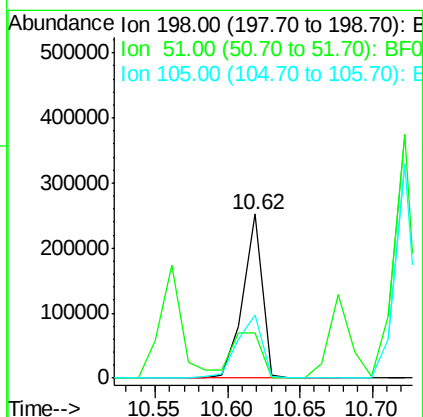
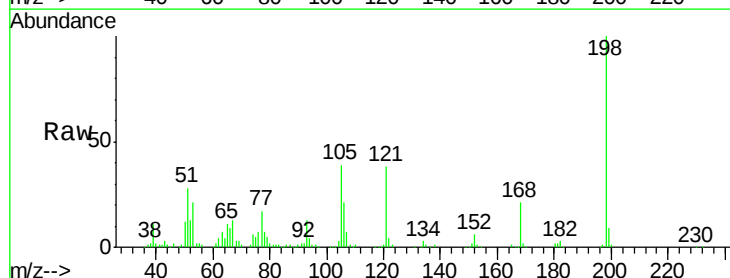
Manual Integrations
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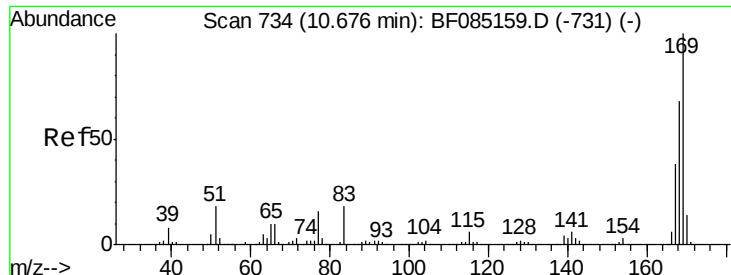
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.01 ng
RT: 10.62 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	27.7	9.5	49.5
105	38.8	20.5	60.5





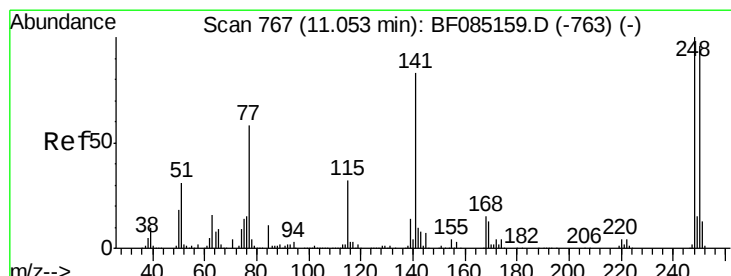
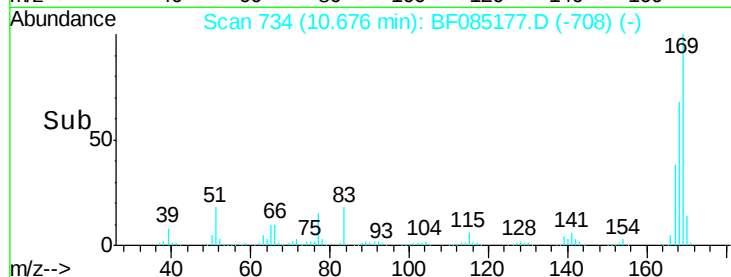
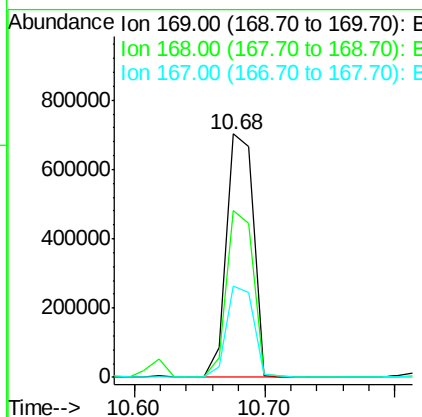
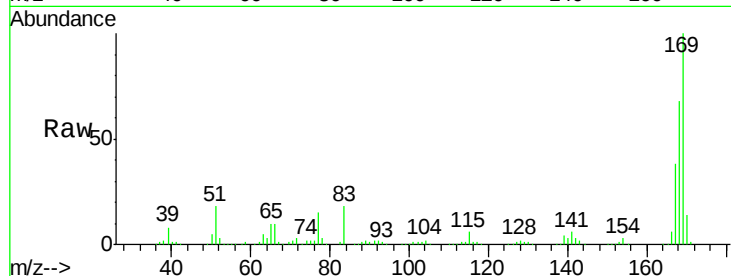
#65
 n-Nitrosodiphenylamine
 Concen: 38.56 ng
 RT: 10.68 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.8	82.2
167	37.7	30.3	45.5

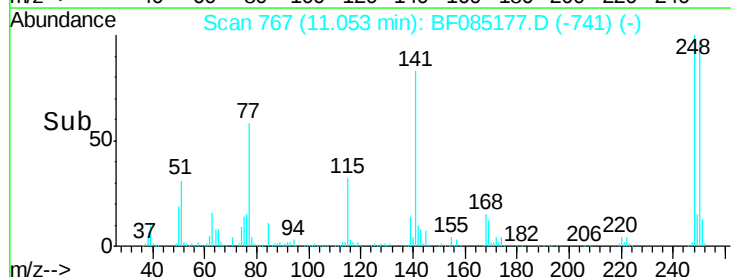
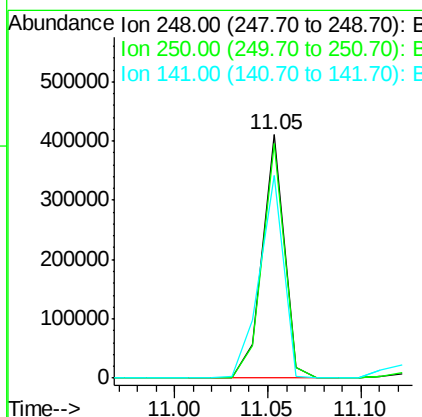
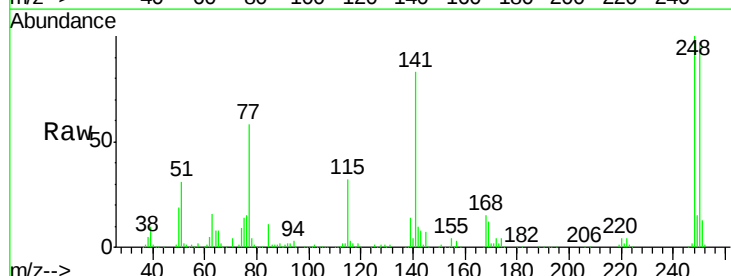
Manual Integrations
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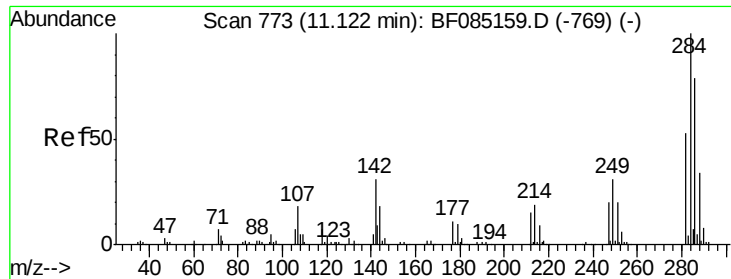
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#66
 4-Bromophenyl-phenylether
 Concen: 41.13 ng
 RT: 11.05 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.1	115.7
141	83.0	66.2	99.2





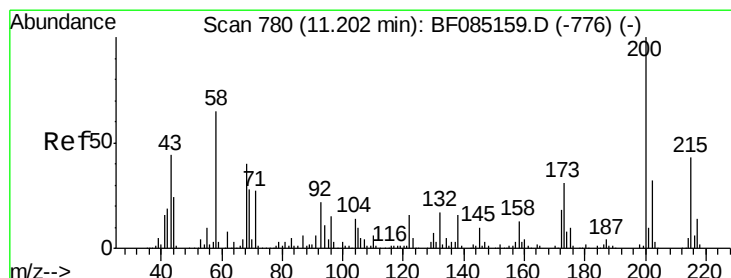
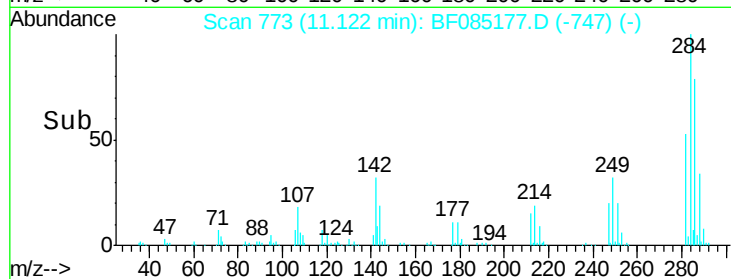
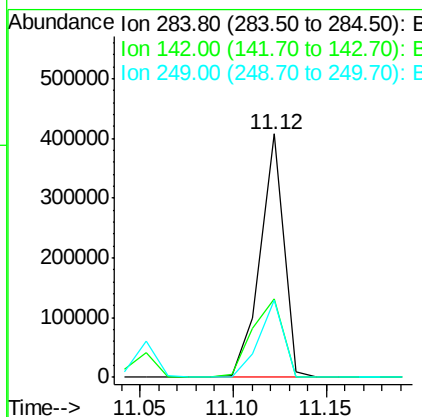
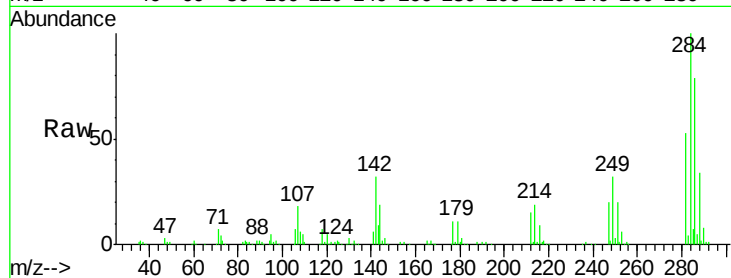
#67
Hexachlorobenzene
Concen: 41.07 ng
RT: 11.12 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	32.0	24.9	37.3
249	31.6	25.0	37.4

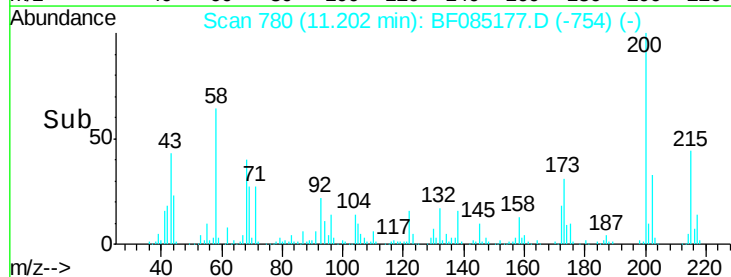
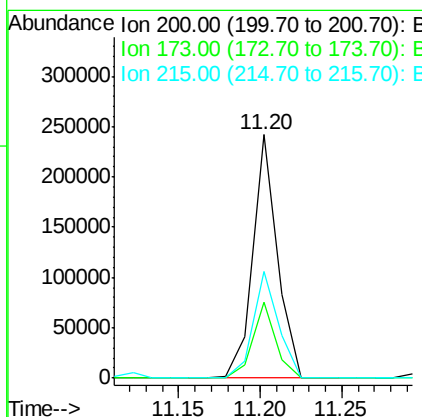
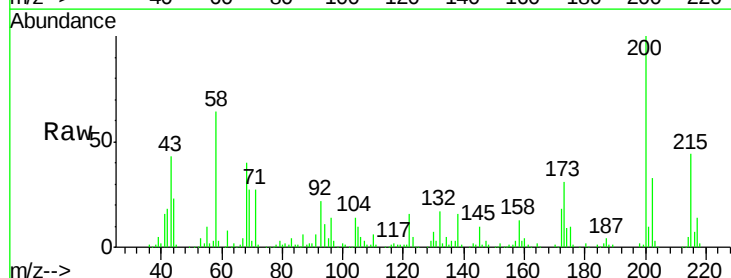
Manual Integrations
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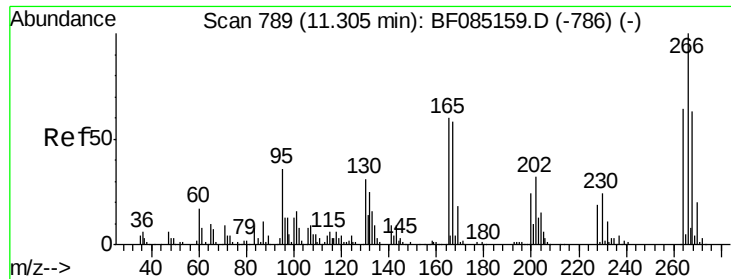
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#68
Atrazine
Concen: 34.95 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	31.1	10.5	50.5
215	43.8	23.4	63.4





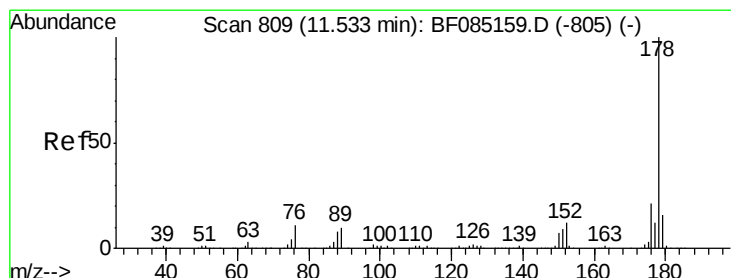
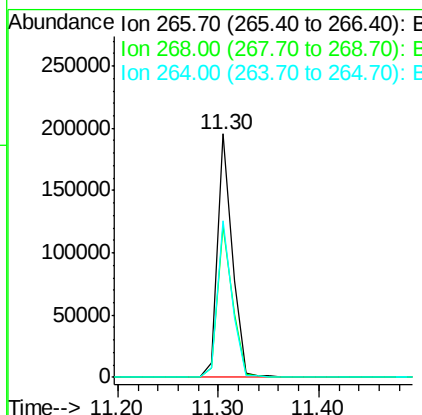
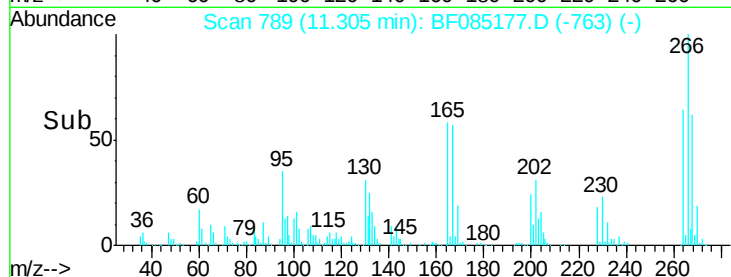
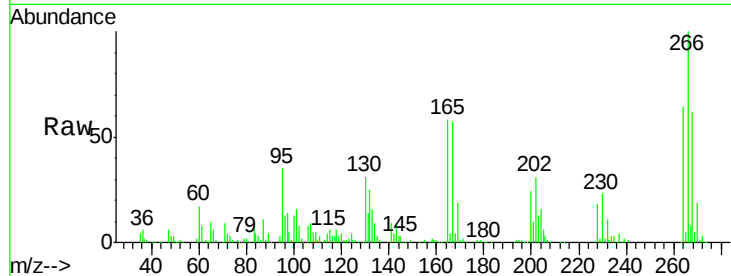
#69
 Pentachlorophenol
 Concen: 41.78 ng
 RT: 11.30 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	200420		
268	62.1	50.0	75.0	
264	64.3	51.4	77.2	

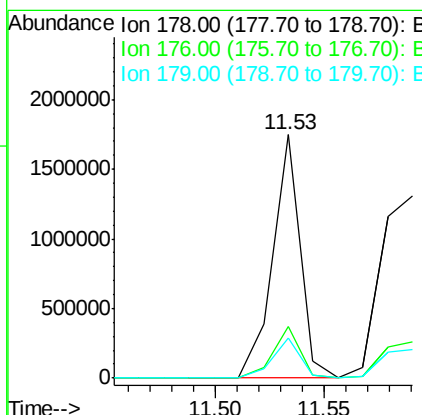
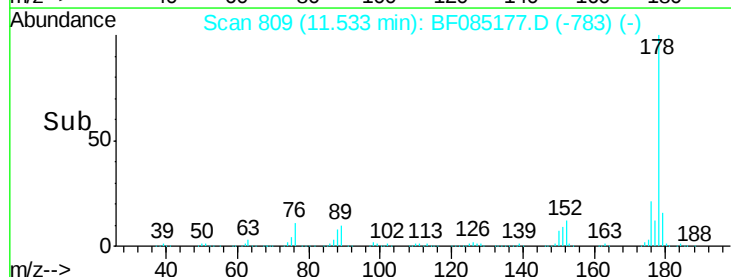
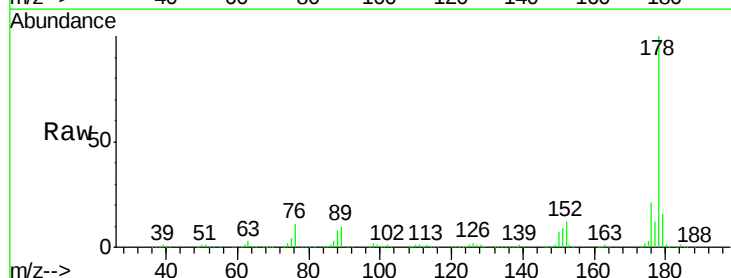
Manual Integrations
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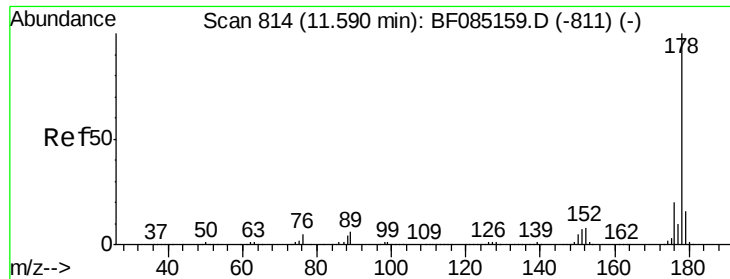
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#70
 Phenanthrene
 Concen: 35.64 ng
 RT: 11.53 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1557944		
176	20.9	16.8	25.2	
179	16.4	13.1	19.7	





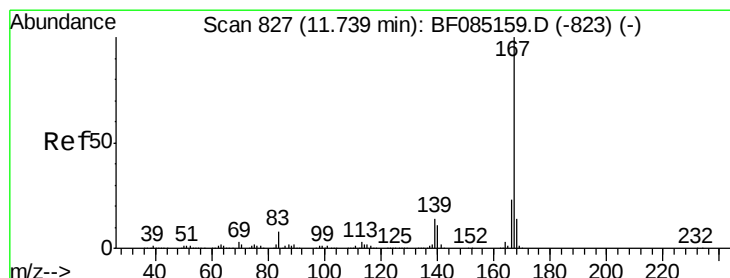
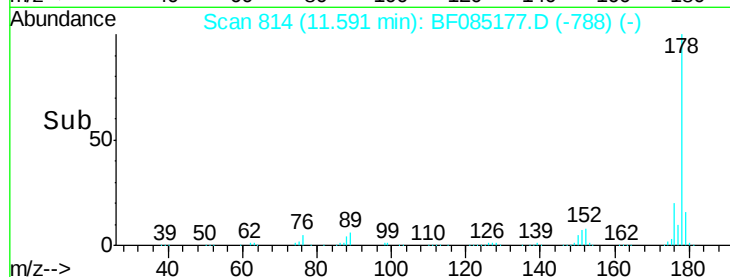
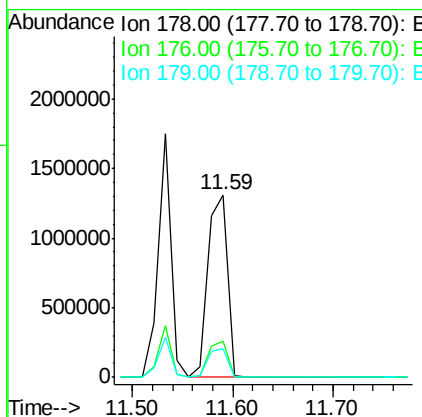
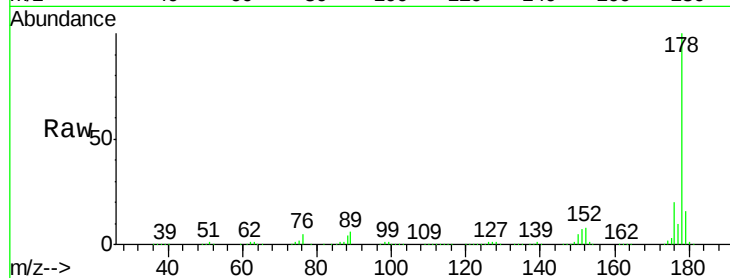
#71
 Anthracene
 Concen: 37.91 ng
 RT: 11.59 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1759418
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.6 12.5 18.7

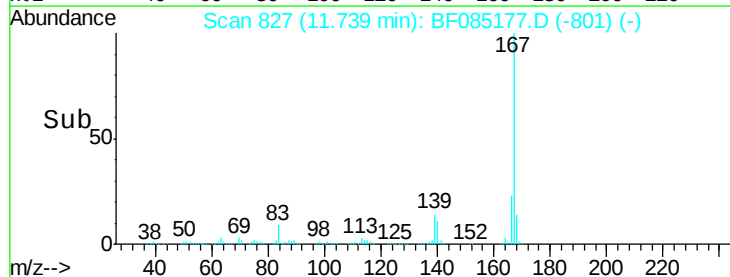
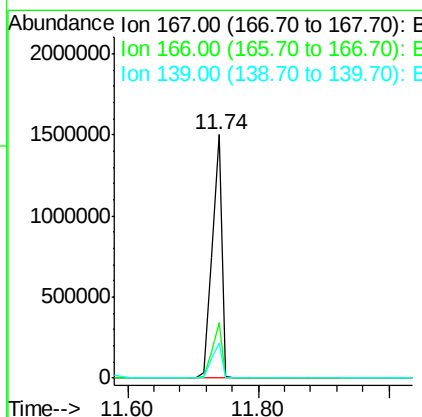
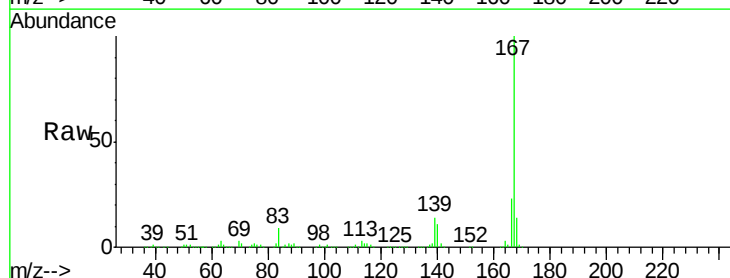
Manual Integrations
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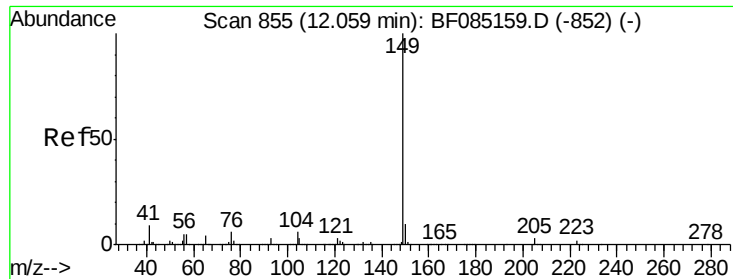
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#72
 Carbazole
 Concen: 38.93 ng
 RT: 11.74 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Tgt Ion:167 Resp: 1584314
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 14.4 11.4 17.0





#73

Di-n-butylphthalate

Concen: 37.24 ng

RT: 12.06 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

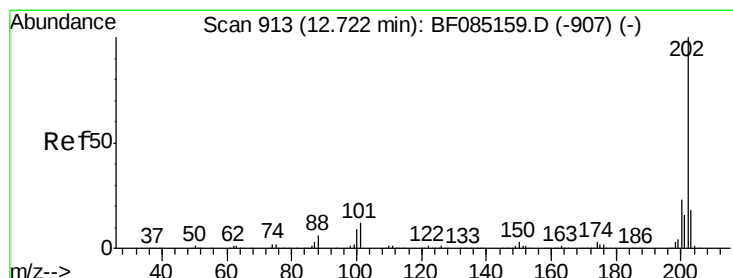
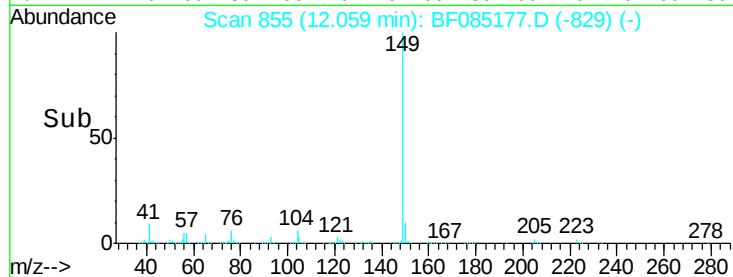
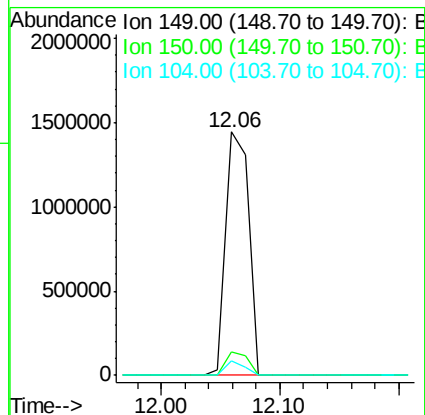
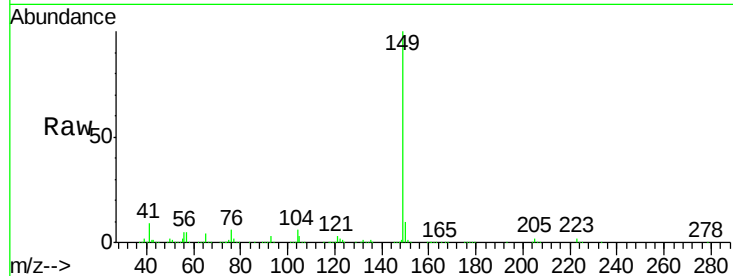
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	1915925
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.8	11.6
104	5.7	4.7	7.1

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#74

Fluoranthene

Concen: 39.42 ng

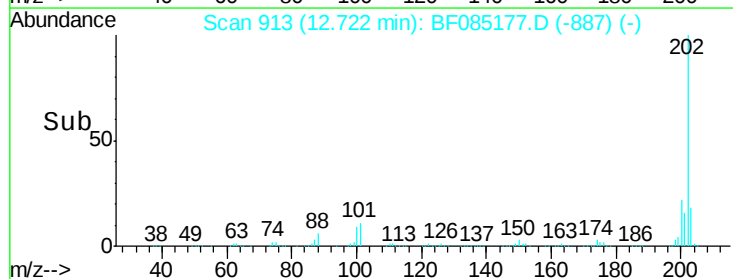
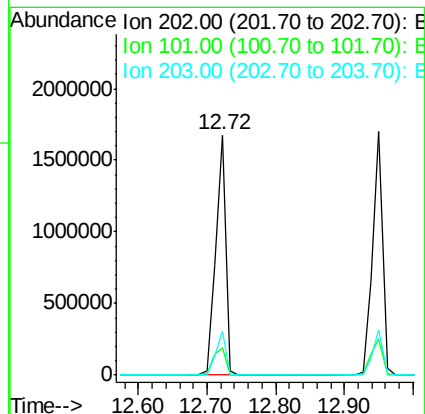
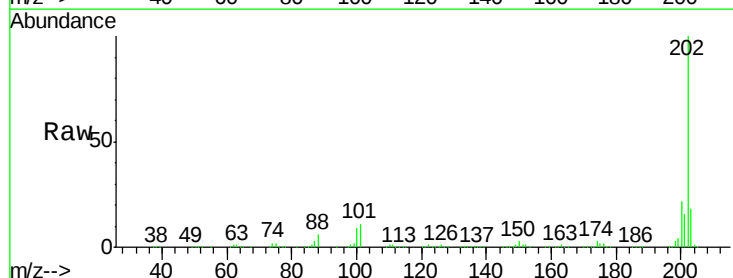
RT: 12.72 min Scan# 913

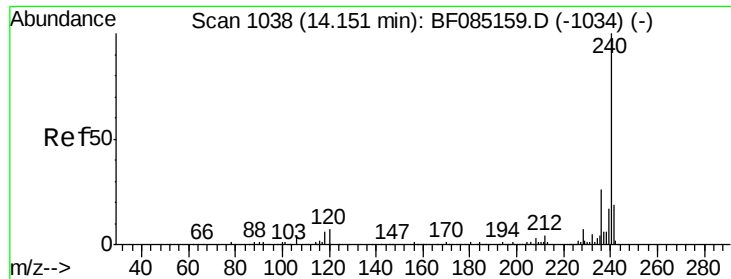
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	202	Resp:	1729482
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	31.8
203	18.3	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

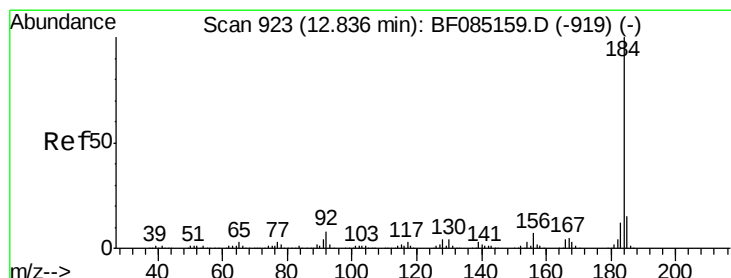
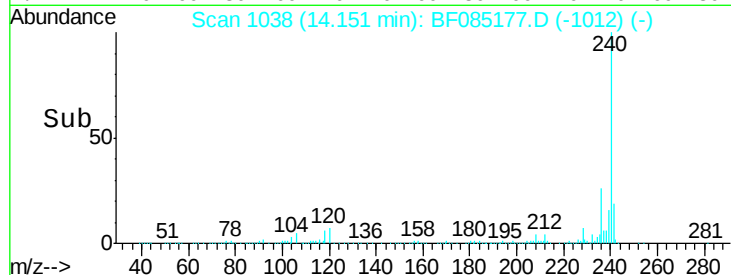
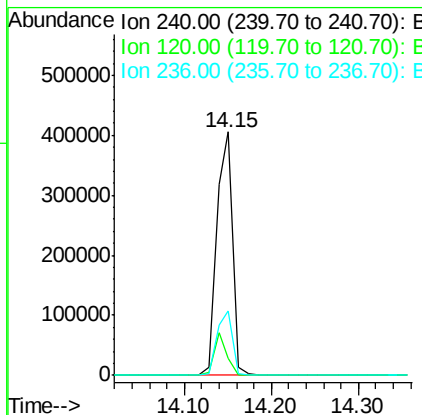
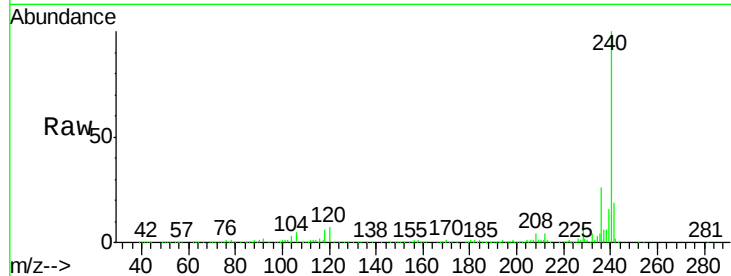
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.3	7.9
236	26.2	20.7	31.1

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#76

Benzidine

Concen: 45.63 ng

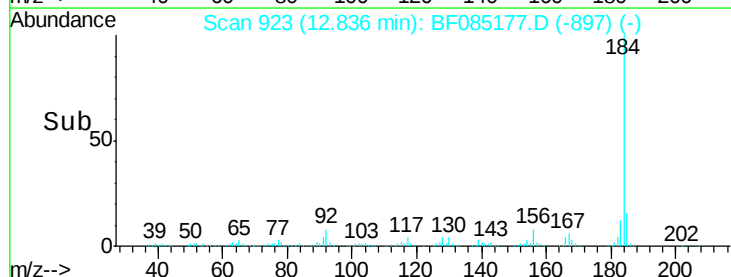
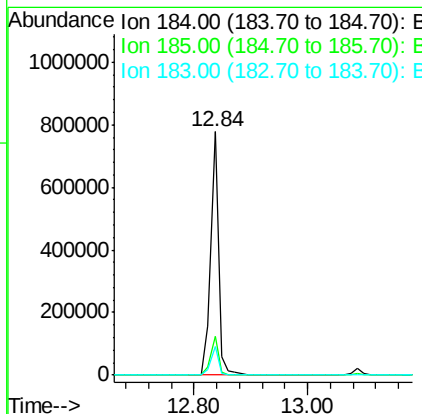
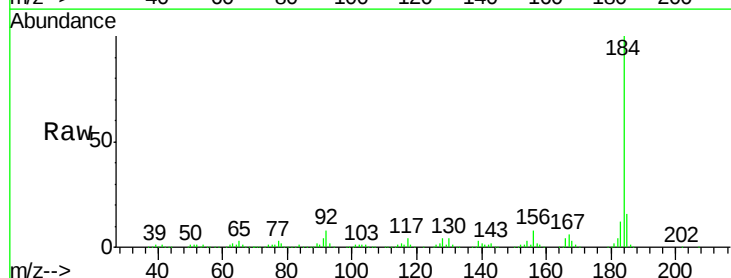
RT: 12.84 min Scan# 923

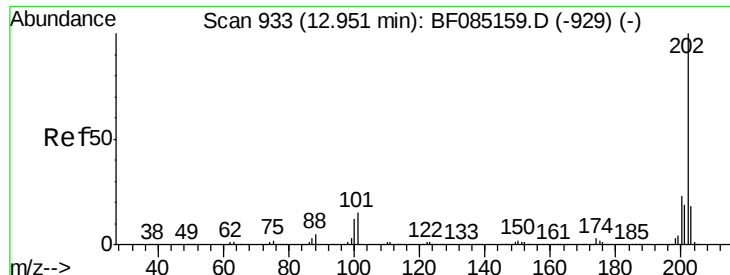
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.4	18.6
183	11.9	9.4	14.2





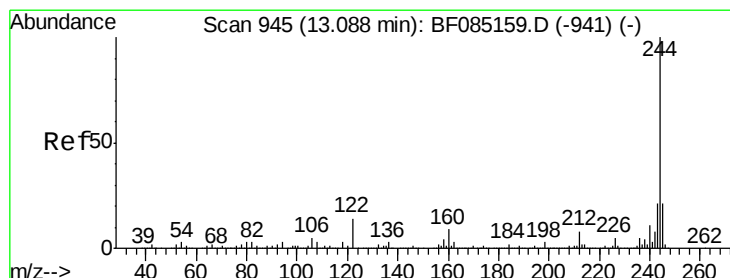
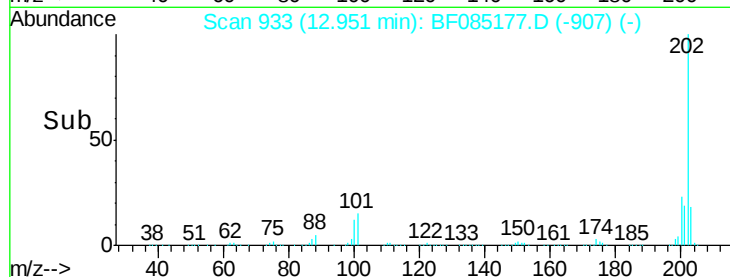
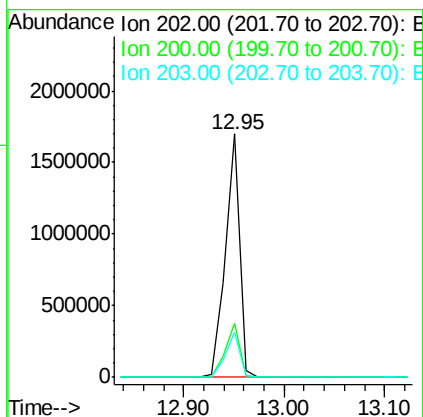
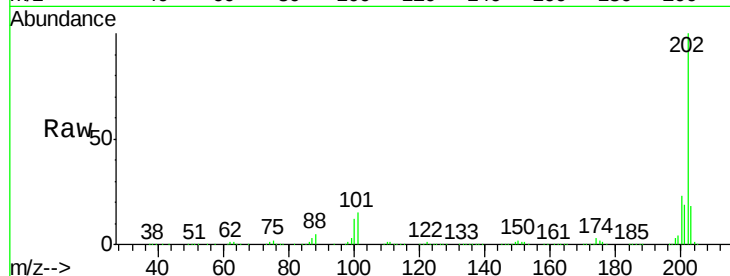
#77
Pyrene
 Concen: 42.62 ng
 RT: 12.95 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.4
203	18.4	14.7	22.1

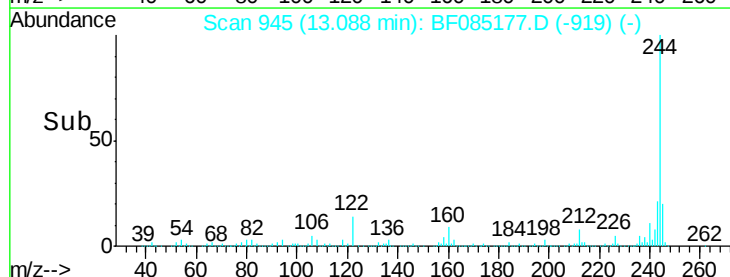
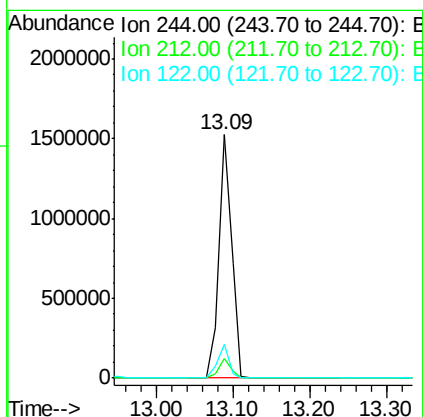
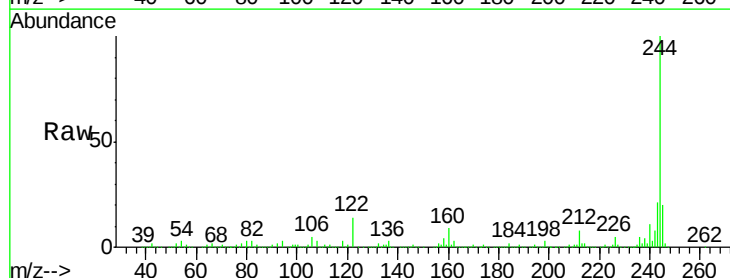
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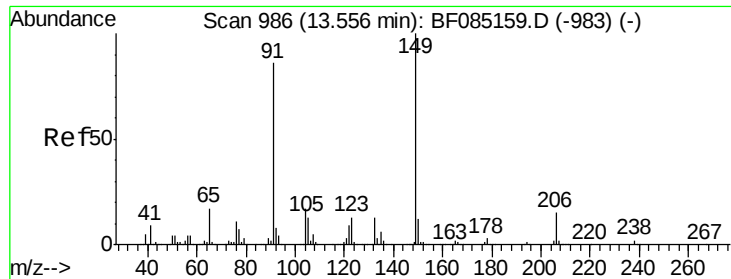
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#78
Terphenyl-d14
 Concen: 78.66 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	13.7	11.4	17.2





#79

Butylbenzylphthalate

Concen: 42.35 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085177.D

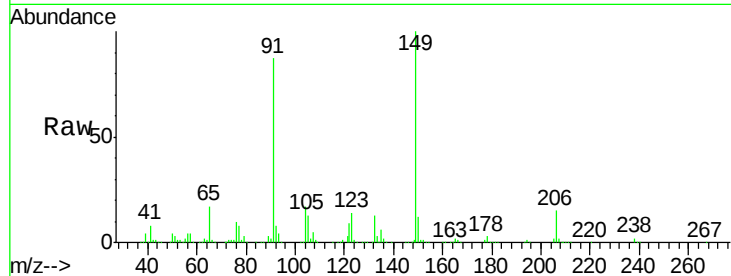
Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

ClientSampleId :

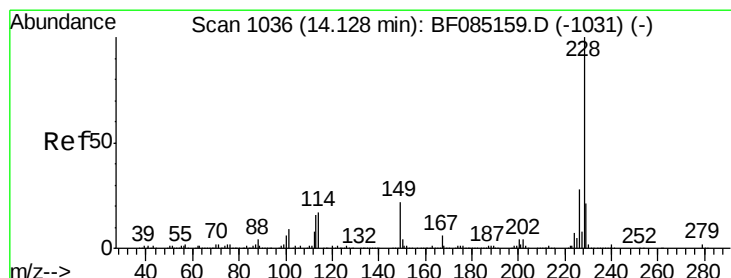
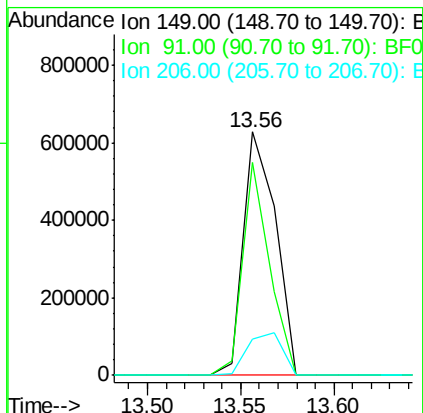
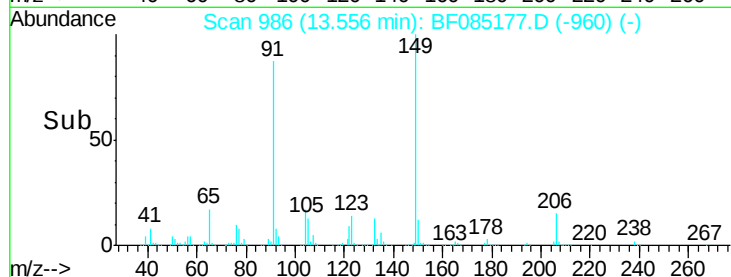
SSTDCCC040



Tgt Ion:	149	Resp:	754142
Ion Ratio	Lower	Upper	
149	100		
91	87.3	69.0	103.4
206	15.0	12.3	18.5

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#80

Benzo(a)anthracene

Concen: 39.95 ng

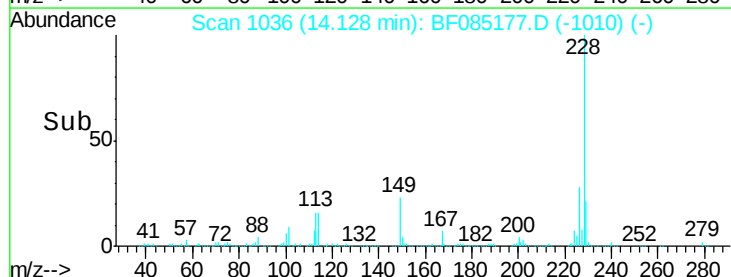
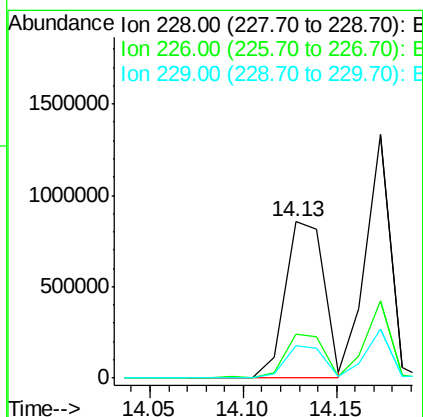
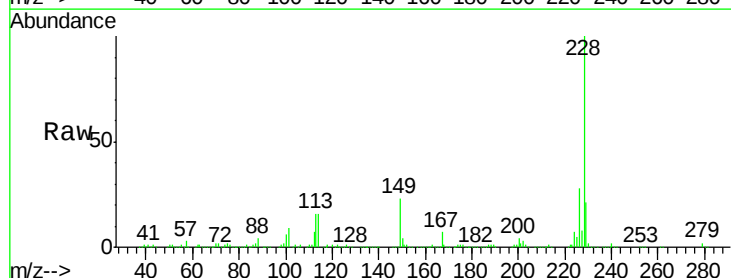
RT: 14.13 min Scan# 1036

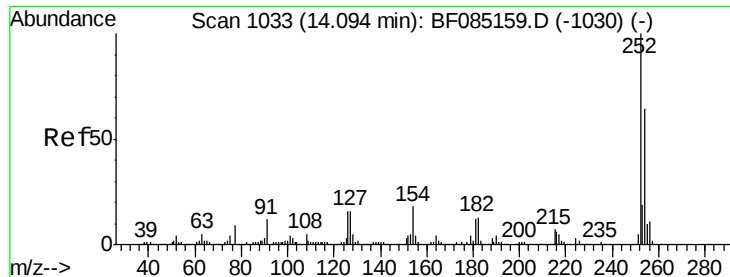
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	228	Resp:	1247257
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.8	34.2
229	20.5	16.6	24.8





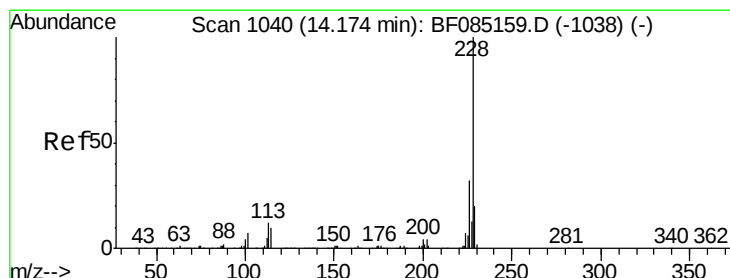
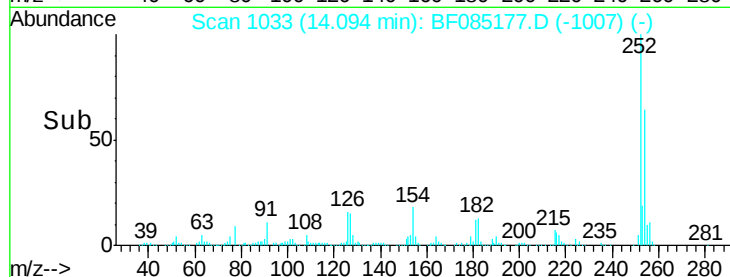
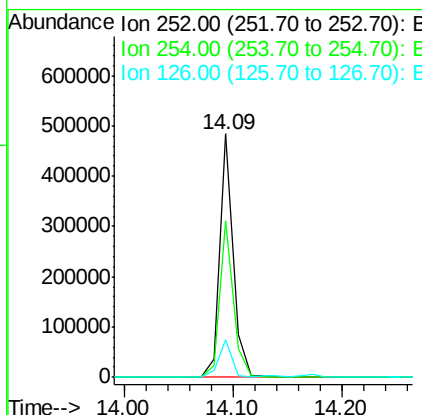
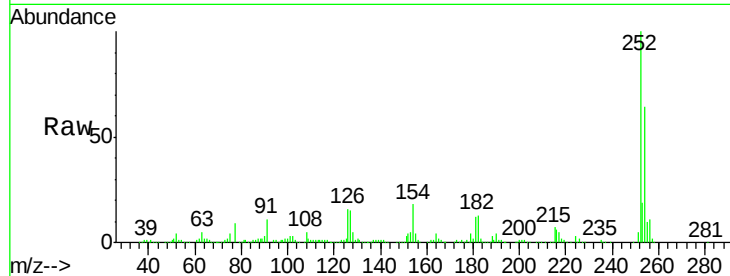
#81
 3,3'-Dichlorobenzidine
 Concen: 42.81 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.0
126	15.6	12.9	19.3

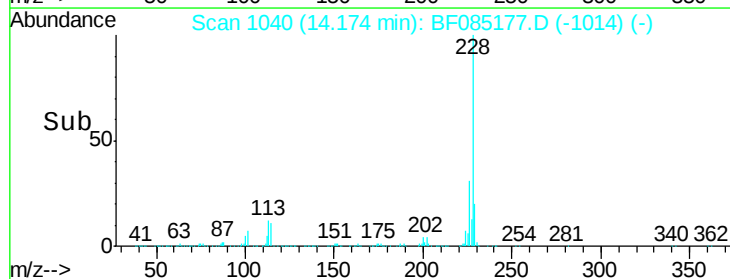
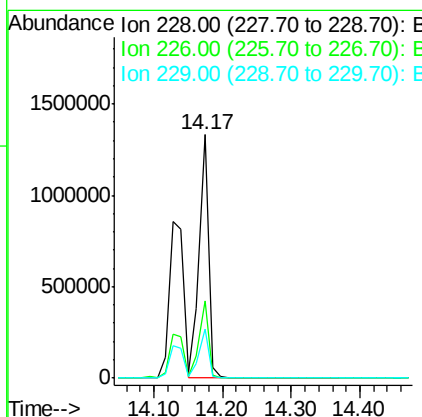
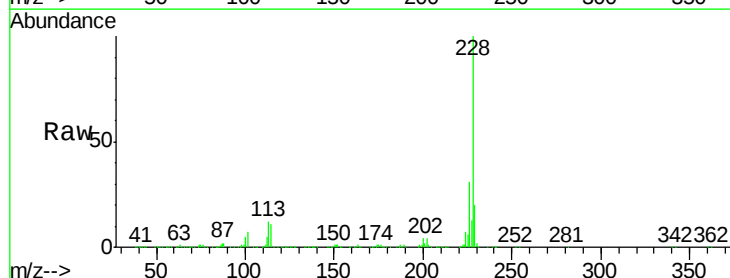
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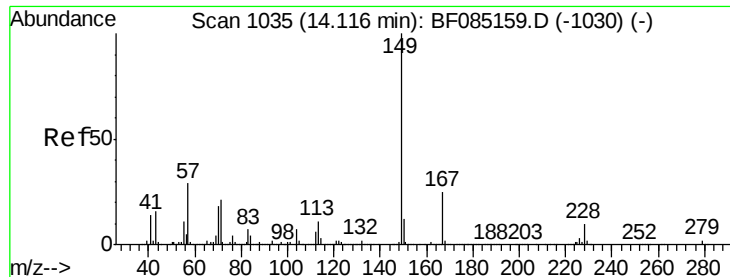
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#82
 Chrysene
 Concen: 42.81 ng
 RT: 14.17 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.2	37.8
229	20.1	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.32 ng

RT: 14.12 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF085177.D

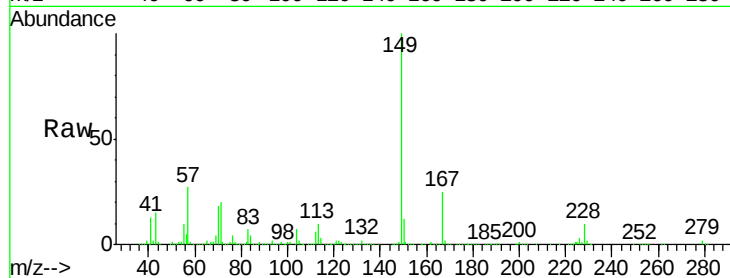
Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

ClientSampleId :

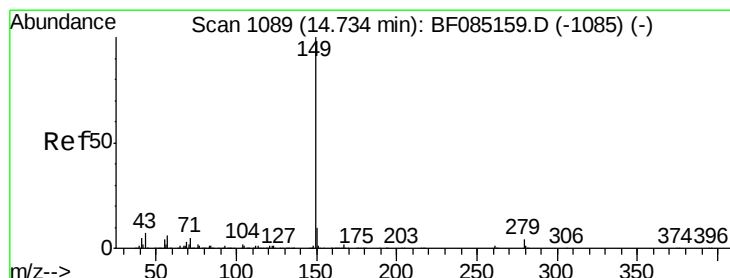
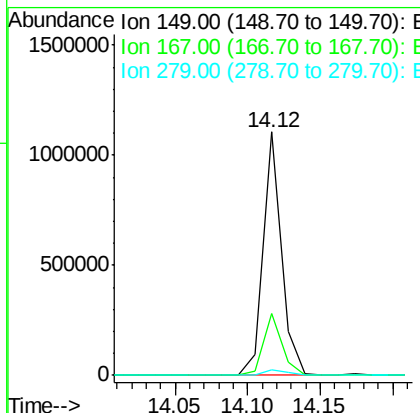
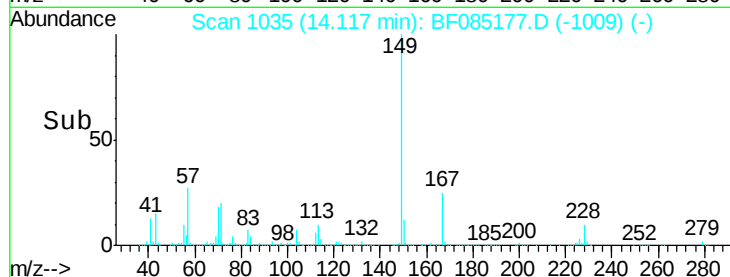
SSTDCCC040



Tgt Ion:	149	Resp:	968288
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.3	30.5
279	2.4	1.9	2.9

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 44.11 ng

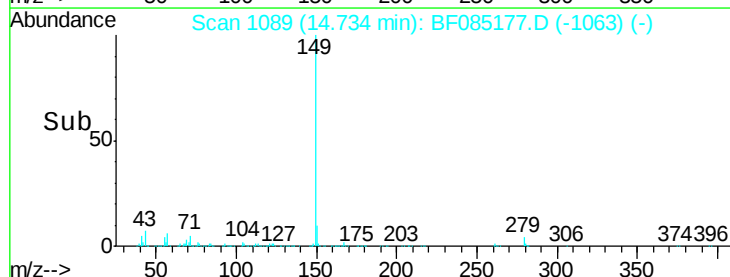
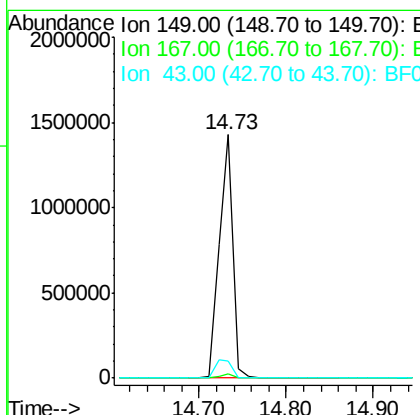
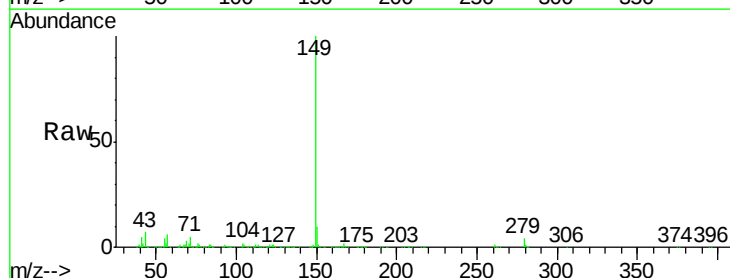
RT: 14.73 min Scan# 1089

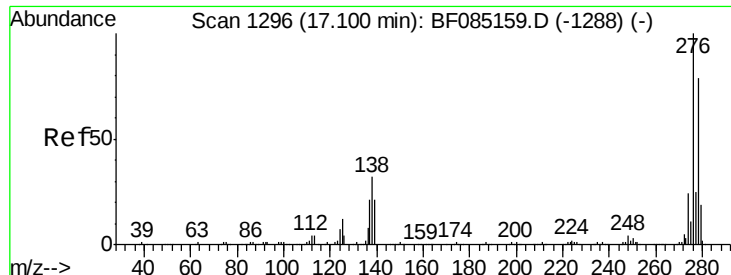
Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

Tgt Ion:	149	Resp:	1574554
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.6	7.8	11.8





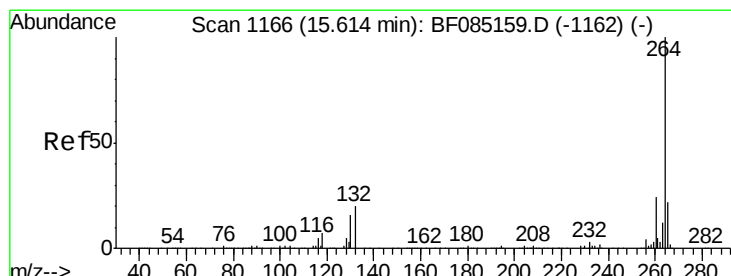
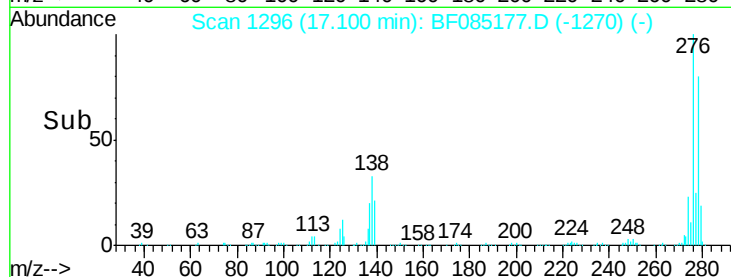
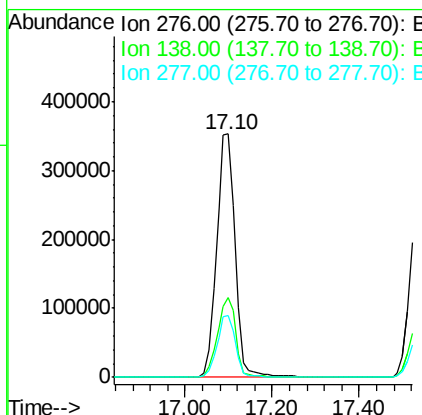
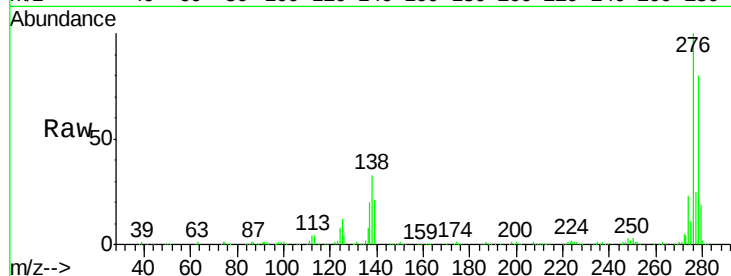
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.35 ng
 RT: 17.10 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.5	26.4	39.6
277	25.3	20.2	30.2

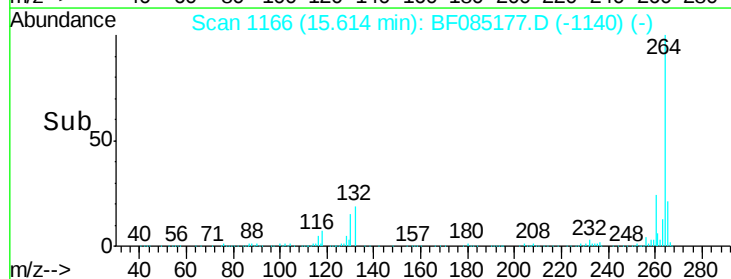
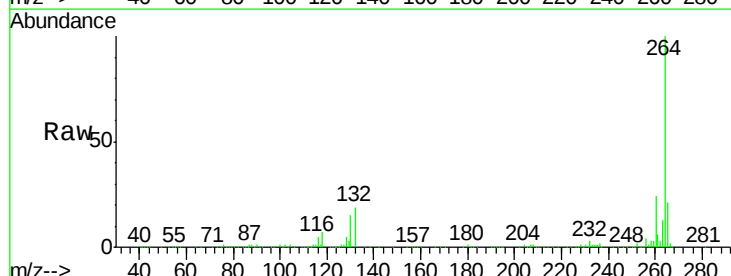
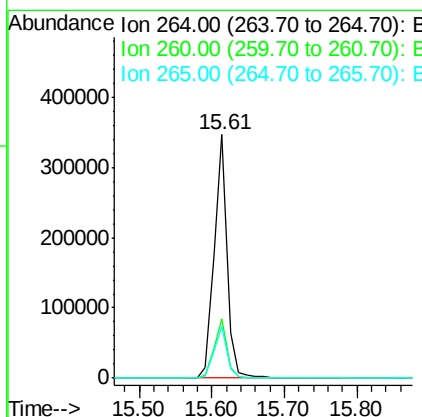
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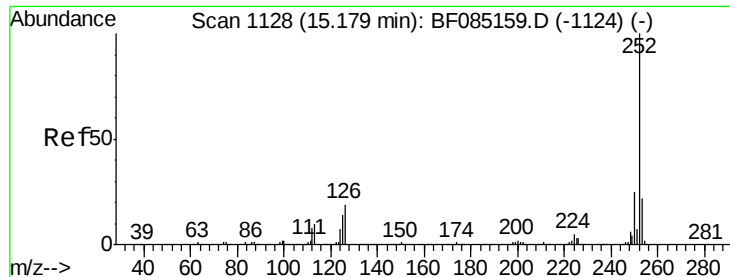
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.93 ng

RT: 15.18 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF085177.D

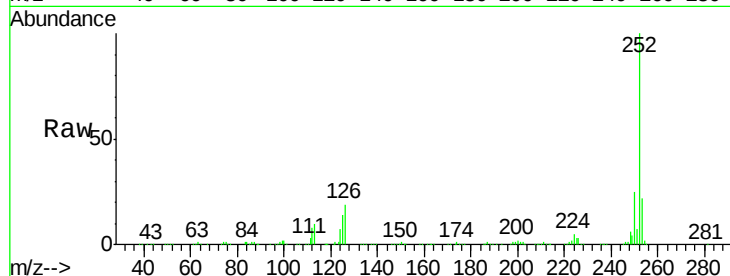
Acq: 4 Mar 2016 00:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:252 Resp: 1190827

Ion Ratio Lower Upper

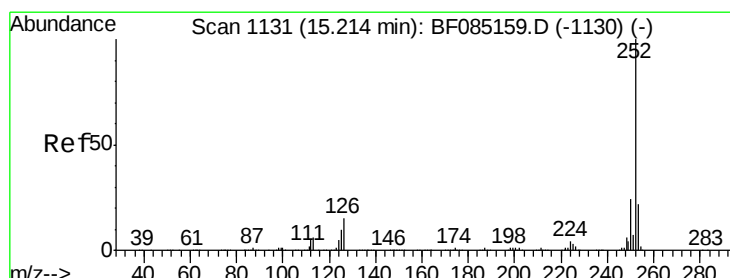
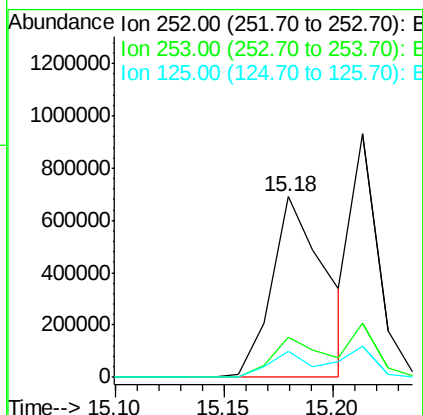
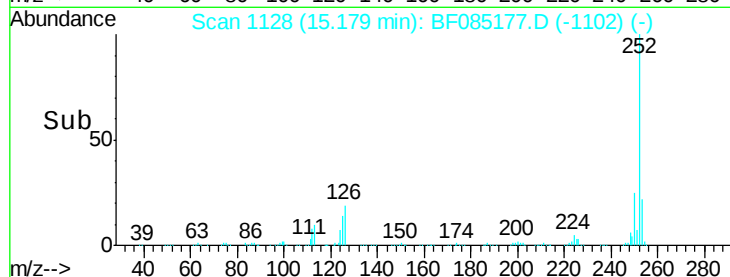
252 100

253 22.3 17.8 26.6

125 14.4 11.3 16.9

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#88

Benzo(k)fluoranthene

Concen: 34.39 ng m

RT: 15.21 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF085177.D

Acq: 4 Mar 2016 00:58

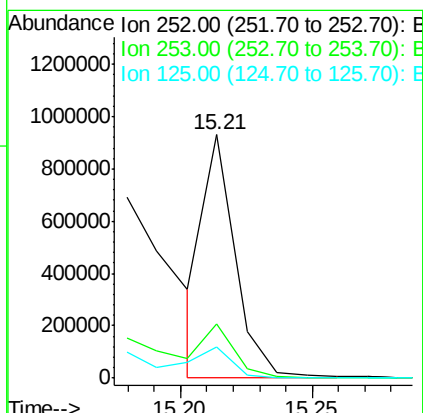
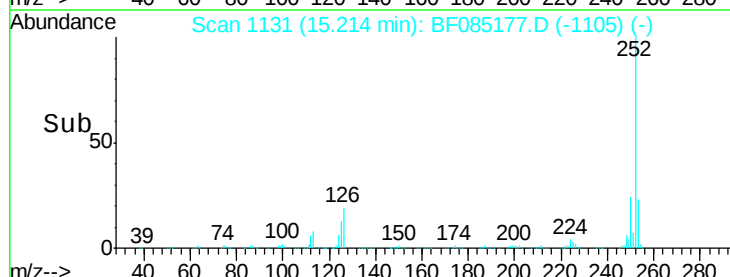
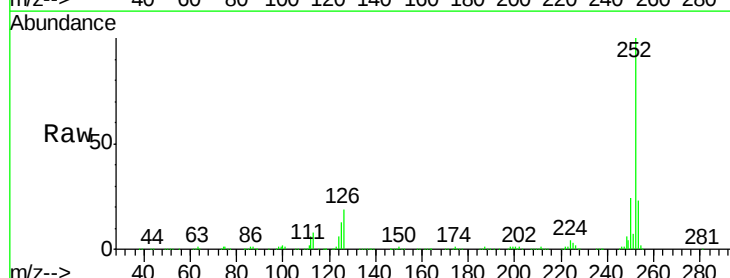
Tgt Ion:252 Resp: 787815

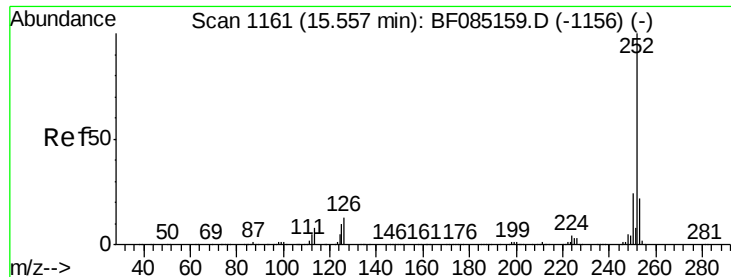
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 12.8 10.4 15.6





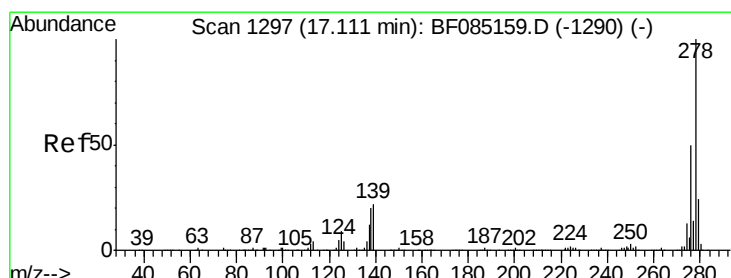
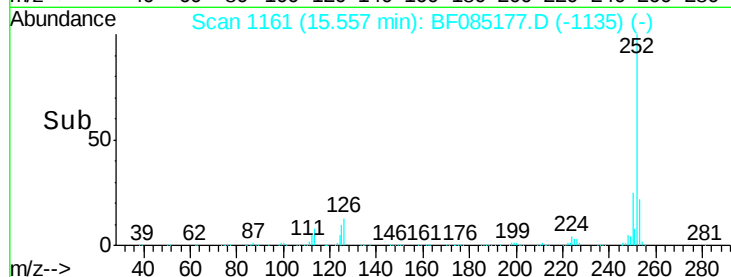
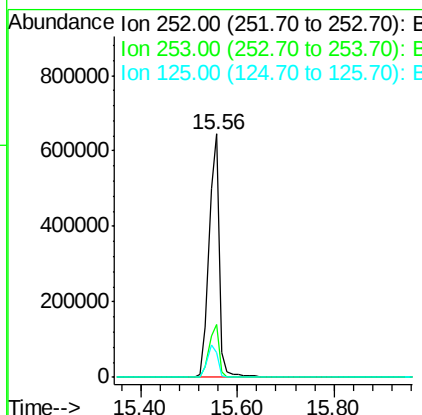
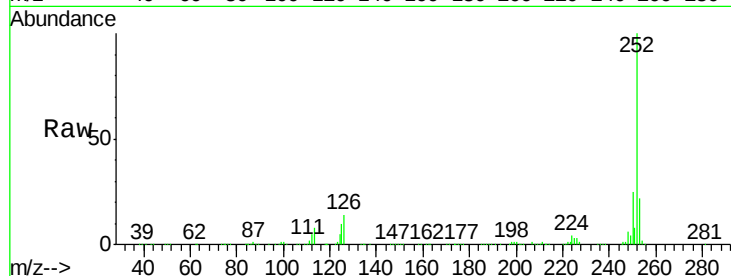
#89
Benzo(a)pyrene
Concen: 40.58 ng
RT: 15.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.3	8.2	12.4

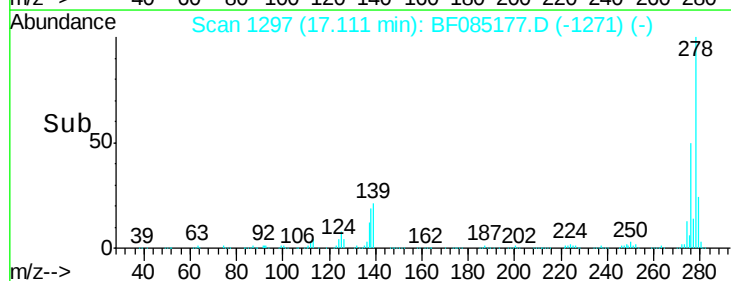
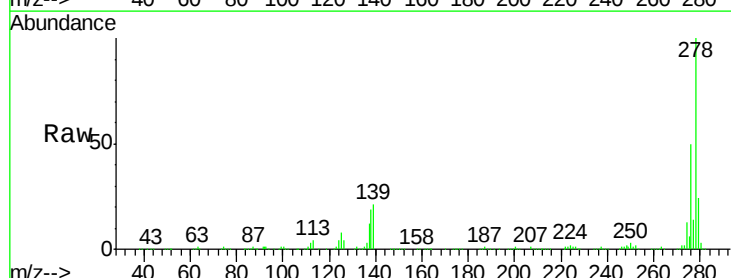
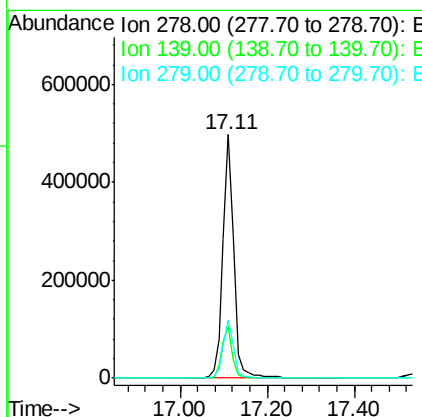
Manual Integrations
APPROVED

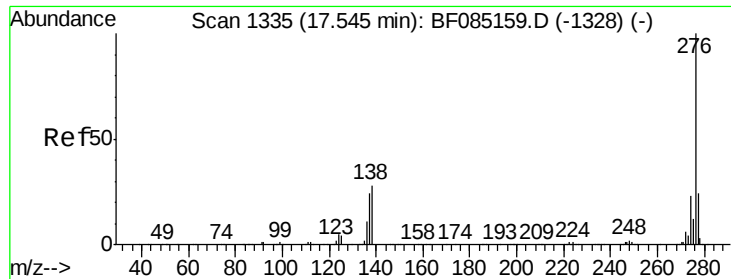
UMANGI
3/4/2016 4:28:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.97 ng
RT: 17.11 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF085177.D
Acq: 4 Mar 2016 00:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	17.3	25.9
279	24.0	19.2	28.8





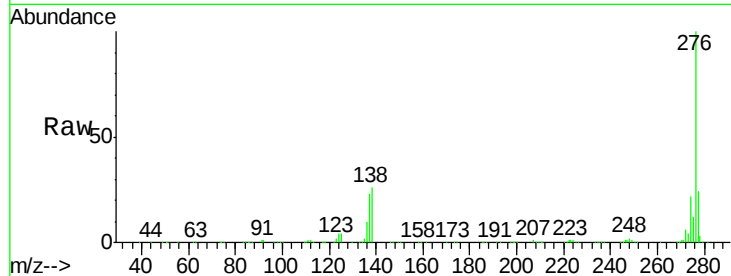
#91
 Benzo(g,h,i)perylene
 Concen: 44.43 ng
 RT: 17.55 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF085177.D
 Acq: 4 Mar 2016 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	897446
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.4
138	26.3	22.5	33.7

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

