

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085498.D
 Acq On : 17 Mar 2016 18:28
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

UMANGI
 3/18/2016 11:57:03 AM

Quant Time: Mar 18 02:15:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	147173	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	573048	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	273936	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	509418	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	368176	20.00	ng	-0.05
86) Perylene-d12	15.48	264	297800	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	752232	87.86	ng	-0.03
7) Phenol-d6	6.50	99	931947	83.91	ng	-0.05
23) Nitrobenzene-d5	7.44	82	792186	81.74	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	212220	84.11	ng	-0.05
44) 2-Fluorobiphenyl	9.25	172	1412713	89.47	ng	-0.03
78) Terphenyl-d14	12.99	244	1151956	70.78	ng	-0.05

Target Compounds					Qvalue
2) 1,4-Dioxane	2.49	88	175385	41.05 ng	98
3) Pyridine	3.24	79	392309	38.68 ng	97
4) n-Nitrosodimethylamine	3.18	42	173537	37.05 ng	99
6) Aniline	6.54	93	599507	39.10 ng	98
8) 2-Chlorophenol	6.66	128	437082	43.54 ng	92
9) Benzaldehyde	6.42	77	216598	34.93 ng	97
10) Phenol	6.53	94	523152	42.02 ng	98
11) bis(2-Chloroethyl)ether	6.62	93	418802	43.75 ng	95
12) 1,3-Dichlorobenzene	6.81	146	438954m	39.45 ng	
13) 1,4-Dichlorobenzene	6.89	146	449886	40.37 ng	98
14) 1,2-Dichlorobenzene	7.05	146	426316	43.59 ng	96
15) Benzyl Alcohol	7.02	79	297464	37.50 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	508291	38.99 ng	97
17) 2-Methylphenol	7.13	107	328038	39.03 ng	97
18) Hexachloroethane	7.40	117	167562	40.99 ng	# 89
19) n-Nitroso-di-n-propylamine	7.29	70	248247	37.33 ng	# 91
20) 3+4-Methylphenols	7.29	107	398066	44.18 ng	# 63
22) Acetophenone	7.29	105	544341	38.76 ng	98
24) Nitrobenzene	7.46	77	465037	42.58 ng	97
25) Isophorone	7.70	82	778750	39.40 ng	99
26) 2-Nitrophenol	7.78	139	233534	44.64 ng	96
27) 2,4-Dimethylphenol	7.82	122	390491	41.97 ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	437697	37.04 ng	99
29) 2,4-Dichlorophenol	8.02	162	329884	43.70 ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	339352	38.91 ng	100
31) Naphthalene	8.18	128	1081894	38.64 ng	99
32) Benzoic acid	7.94	122	303484	56.72 ng	98
33) 4-Chloroaniline	8.23	127	455957	37.86 ng	99
34) Hexachlorobutadiene	8.31	225	182112	39.94 ng	100
35) Caprolactam	8.62	113	112560	45.66 ng	# 82
36) 4-Chloro-3-methylphenol	8.72	107	373719	43.36 ng	88
37) 2-Methylnaphthalene	8.88	142	757373	42.71 ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	302766	35.53 ng	99
40) Hexachlorocyclopentadiene	9.03	237	151621	36.82 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	228759	40.66	ng	98
43) 2,4,5-Trichlorophenol	9.19	196	222301	39.11	ng #	90
45) 1,1'-Biphenyl	9.34	154	894197	39.99	ng	99
46) 2-Chloronaphthalene	9.37	162	693692	41.41	ng	99
47) 2-Nitroaniline	9.46	65	231485	45.63	ng #	80
48) Acenaphthylene	9.78	152	1136987	41.95	ng	98
49) Dimethylphthalate	9.65	163	824642	41.26	ng	100
50) 2,6-Dinitrotoluene	9.70	165	162267	36.75	ng	88
51) Acenaphthene	9.96	154	709793	41.66	ng	98
52) 3-Nitroaniline	9.88	138	211897	40.13	ng	87
53) 2,4-Dinitrophenol	9.98	184	93440	42.19	ng #	56
54) Dibenzofuran	10.13	168	902832	43.13	ng	97
55) 4-Nitrophenol	10.04	139	172301	47.41	ng	98
56) 2,4-Dinitrotoluene	10.10	165	225116	40.65	ng #	85
57) Fluorene	10.47	166	749291	44.89	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	159216	40.80	ng	99
59) Diethylphthalate	10.34	149	824782	42.63	ng	98
60) 4-Chlorophenyl-phenylether	10.46	204	328737	38.33	ng	99
61) 4-Nitroaniline	10.49	138	219930	44.31	ng	90
62) Azobenzene	10.62	77	794005	41.33	ng	99
64) 4,6-Dinitro-2-methylphenol	10.52	198	122445	40.24	ng #	63
65) n-Nitrosodiphenylamine	10.58	169	643693	41.00	ng	97
66) 4-Bromophenyl-phenylether	10.95	248	215030	41.71	ng	95
67) Hexachlorobenzene	11.02	284	226534	42.58	ng	97
68) Atrazine	11.11	200	195378	43.49	ng	93
69) Pentachlorophenol	11.21	266	130780	46.38	ng	98
70) Phenanthrene	11.43	178	1104329	41.62	ng	99
71) Anthracene	11.48	178	1063724	39.36	ng	99
72) Carbazole	11.64	167	1010788	44.20	ng	99
73) Di-n-butylphthalate	11.97	149	1313344	46.36	ng #	98
74) Fluoranthene	12.62	202	1150643	46.13	ng	94
76) Benzidine	12.73	184	422465	36.94	ng	100
77) Pyrene	12.85	202	1116395	40.43	ng	98
79) Butylbenzylphthalate	13.47	149	536850	44.46	ng #	68
80) Benzo(a)anthracene	14.03	228	846575	40.11	ng	98
81) 3,3'-Dichlorobenzidine	13.99	252	304701	42.65	ng	98
82) Chrysene	14.07	228	850497	44.79	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	688264	46.73	ng	98
84) Di-n-octyl phthalate	14.63	149	1166279	54.24	ng	97
85) Indeno(1,2,3-cd)pyrene	16.89	276	753448	41.86	ng	97
87) Benzo(b)fluoranthene	15.07	252	816059m	41.96	ng	
88) Benzo(k)fluoranthene	15.09	252	604748m	39.70	ng	
89) Benzo(a)pyrene	15.42	252	691093	41.13	ng	99
90) Dibenzo(a,h)anthracene	16.91	278	628511	38.29	ng	99
91) Benzo(g,h,i)perylene	17.32	276	632382	37.72	ng	99

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

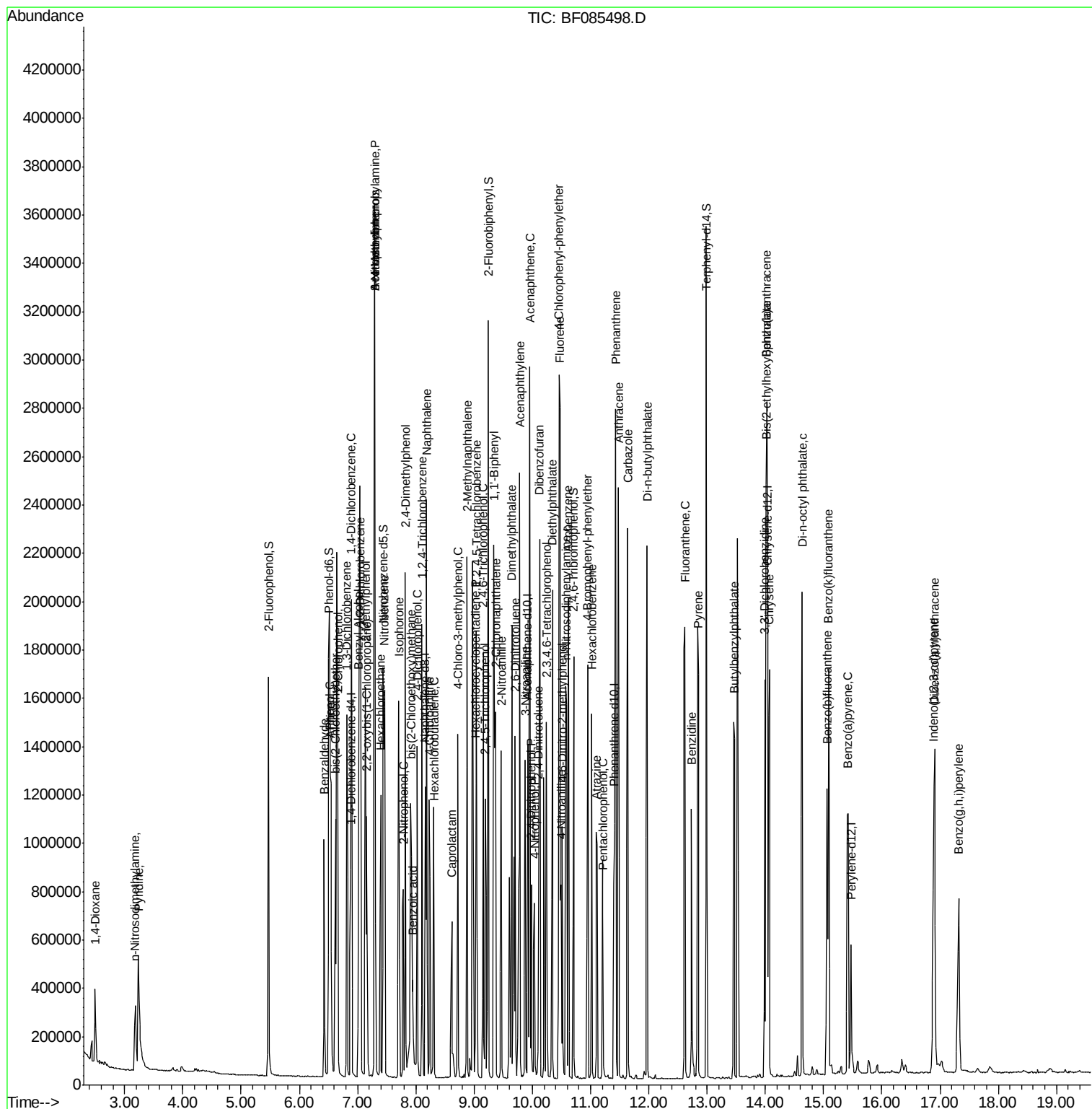
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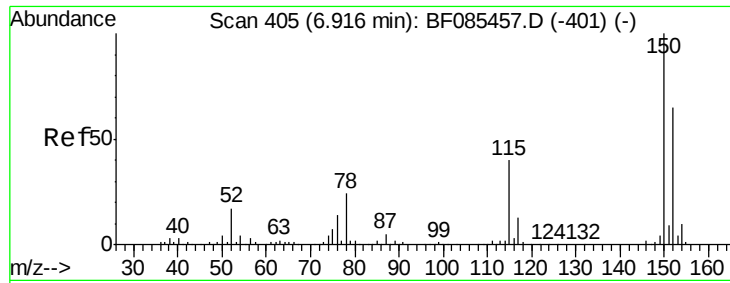
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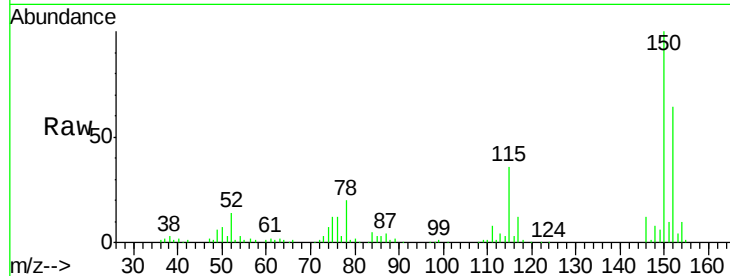
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 402
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

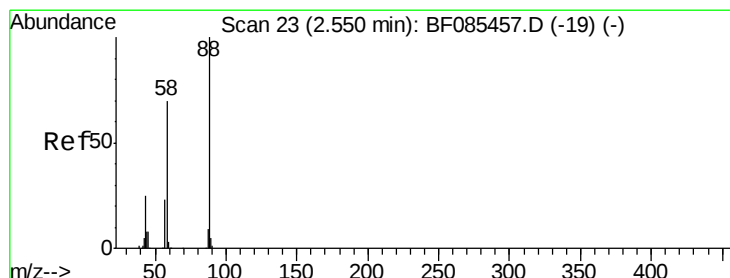
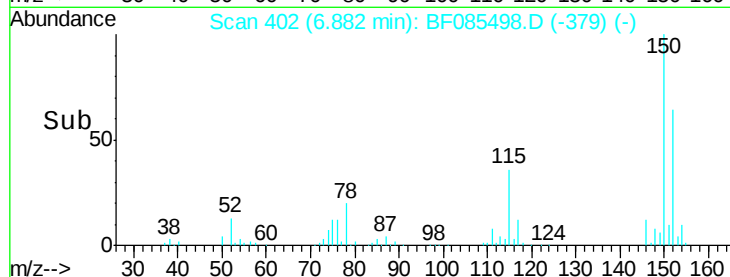
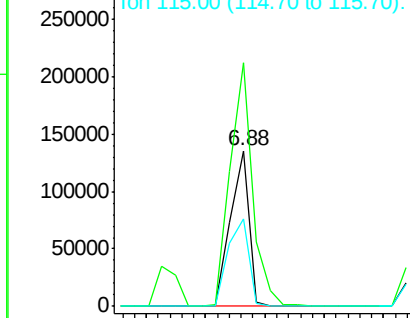
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	56.3	46.6	70.0

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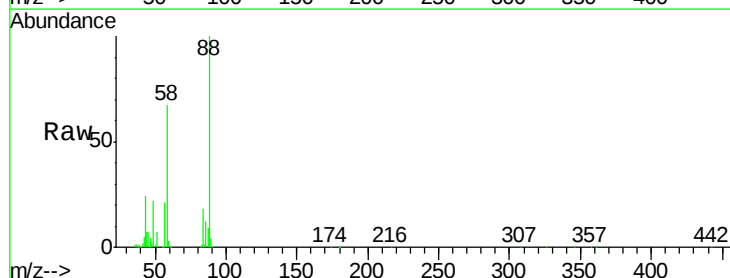


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

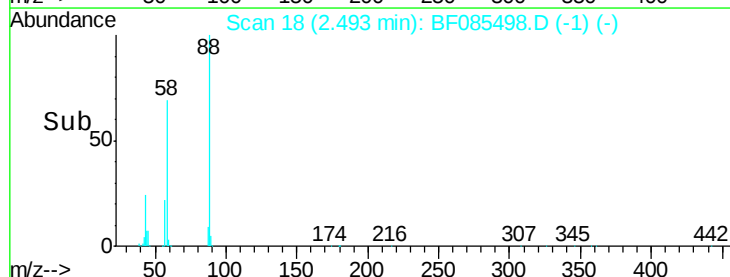
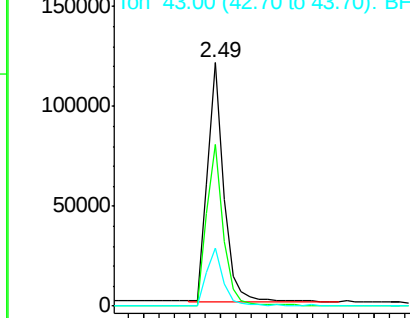


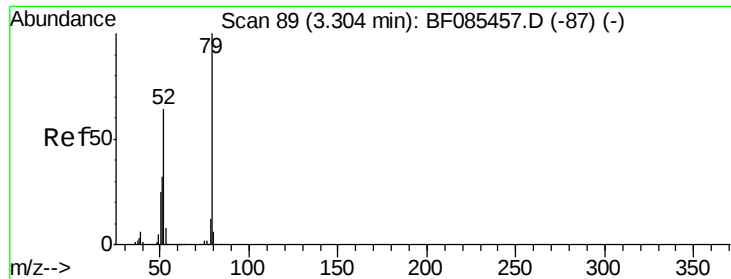
#2
 1,4-Dioxane
 Concen: 41.05 ng
 RT: 2.49 min Scan# 18
 Delta R.T. -0.06 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	57.0	85.6
43	25.9	20.5	30.7



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





#3

Pyridine

Concen: 38.68 ng

RT: 3.24 min Scan# 83

Delta R.T. -0.07 min

Lab File: BF085498.D

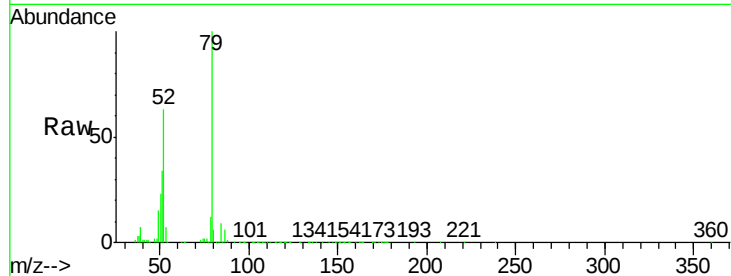
Acq: 17 Mar 2016 18:28

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Tgt Ion: 79 Resp: 392309

Ion Ratio Lower Upper

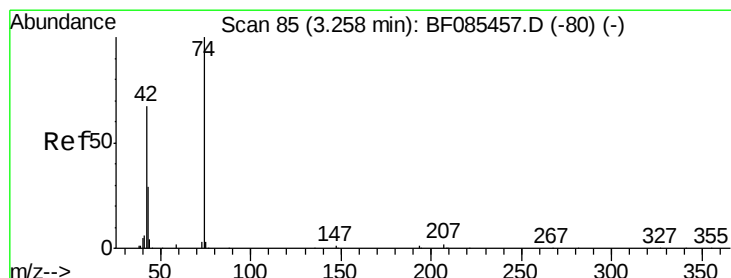
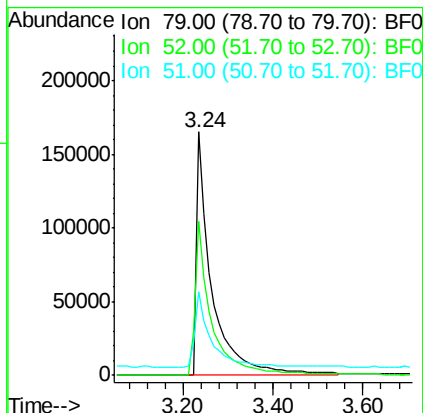
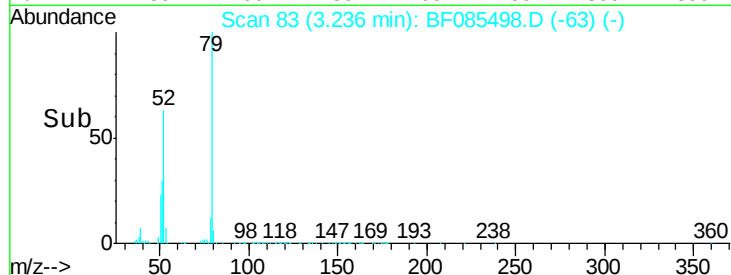
79 100

52 63.1 52.6 79.0

51 34.1 25.8 38.8

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#4

n-Nitrosodimethylamine

Concen: 37.05 ng

RT: 3.18 min Scan# 78

Delta R.T. -0.08 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

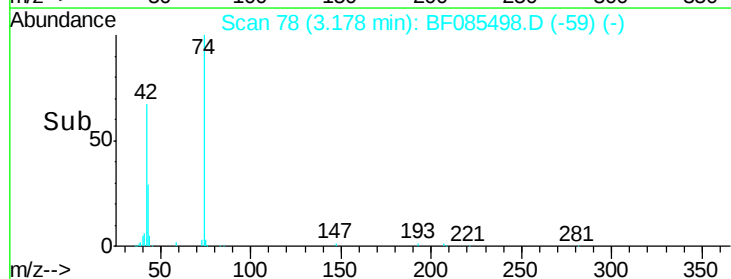
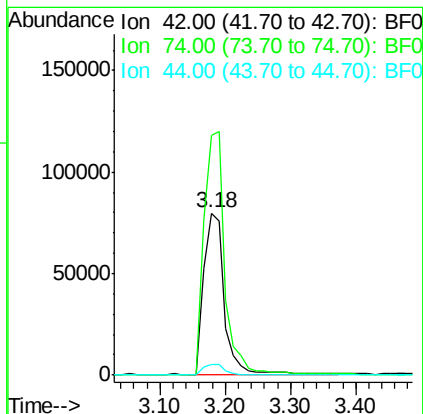
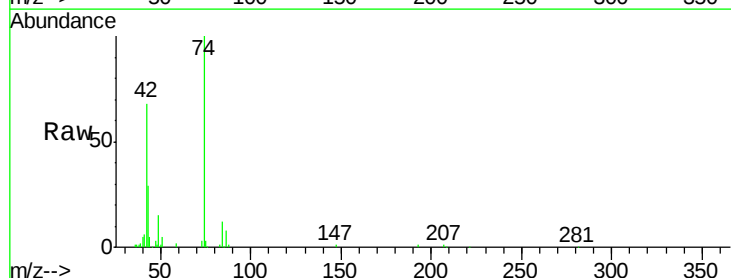
Tgt Ion: 42 Resp: 173537

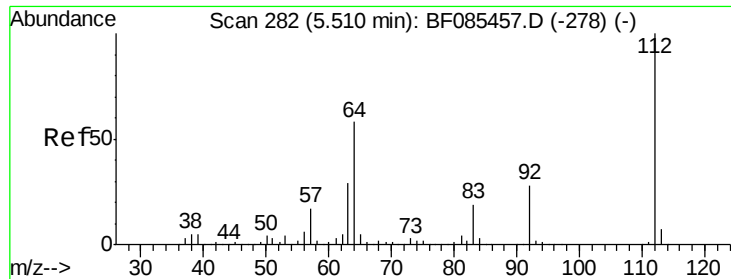
Ion Ratio Lower Upper

42 100

74 147.9 116.8 175.2

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 87.86 ng

RT: 5.48 min Scan# 279

Delta R.T. -0.03 min

Lab File: BF085498.D

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Instrument :

BNA_F

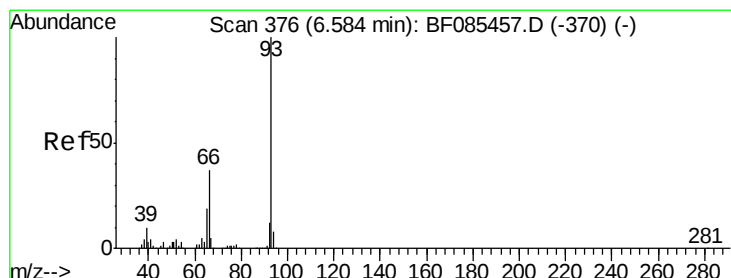
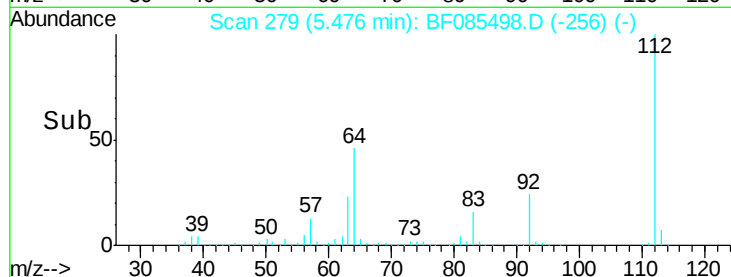
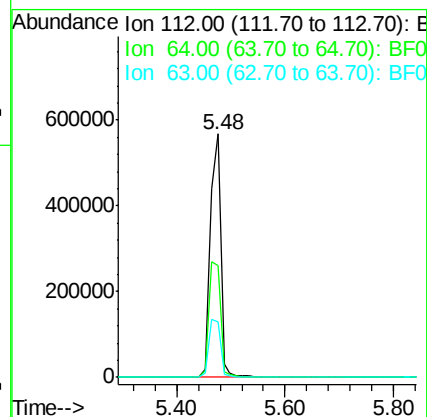
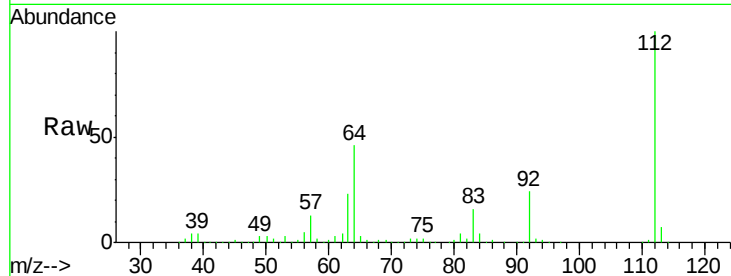
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	752232
Ion Ratio	Lower	Upper	
112	100		
64	45.7	49.0	73.4#
63	22.9	24.8	37.2#

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#6

Aniline

Concen: 39.10 ng

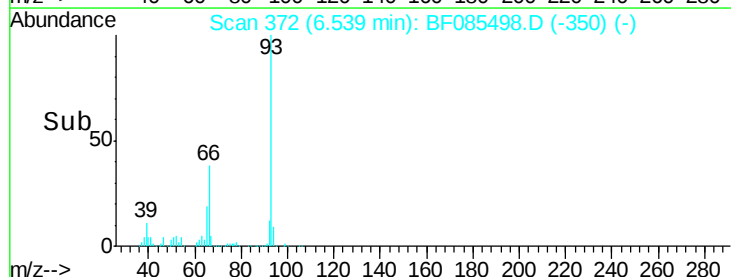
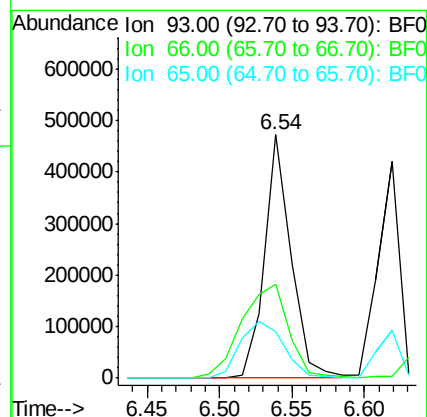
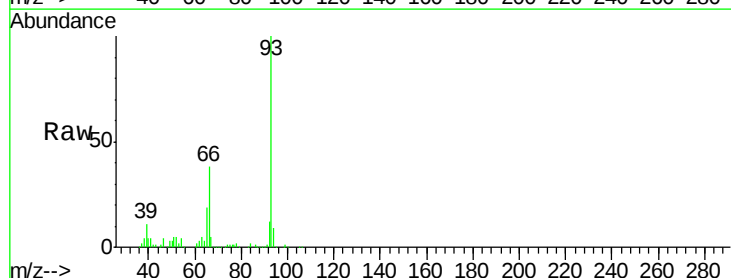
RT: 6.54 min Scan# 372

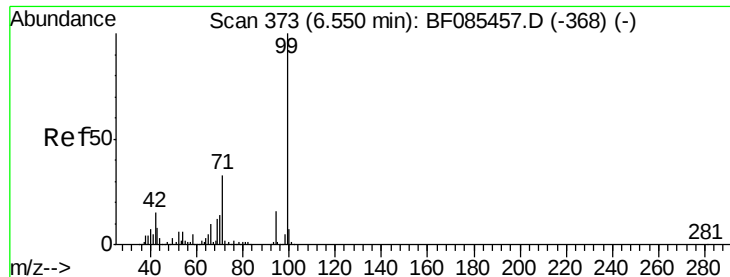
Delta R.T. -0.05 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Tgt Ion:	93	Resp:	599507
Ion Ratio	Lower	Upper	
93	100		
66	38.4	31.6	47.4
65	19.3	15.8	23.8





#7

Phenol-d6

Concen: 83.91 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

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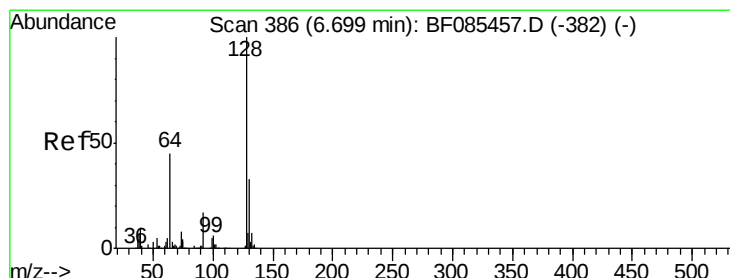
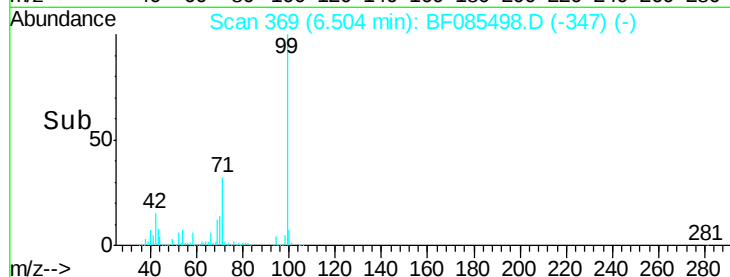
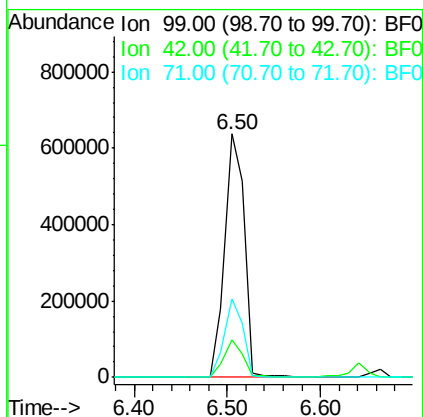
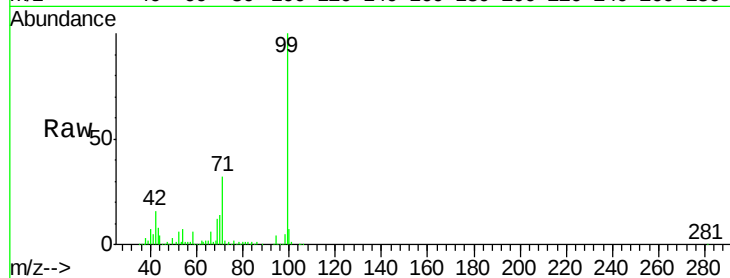
ClientSampleId :

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Tgt Ion:	99	Resp:	931947
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.6	20.4
71	32.2	26.7	40.1

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#8

2-Chlorophenol

Concen: 43.54 ng

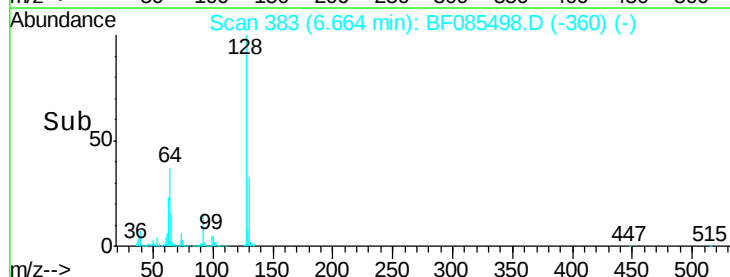
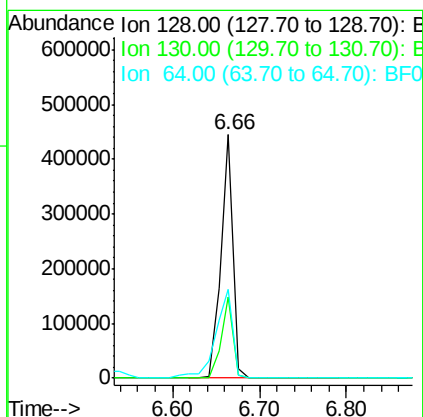
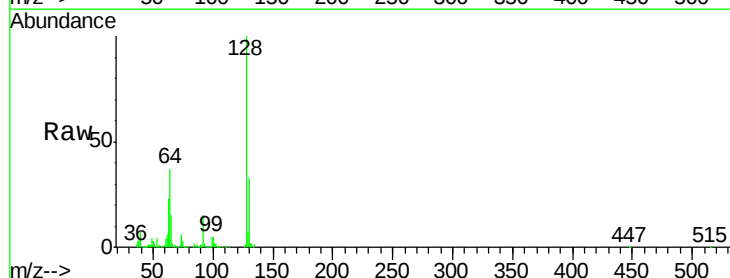
RT: 6.66 min Scan# 383

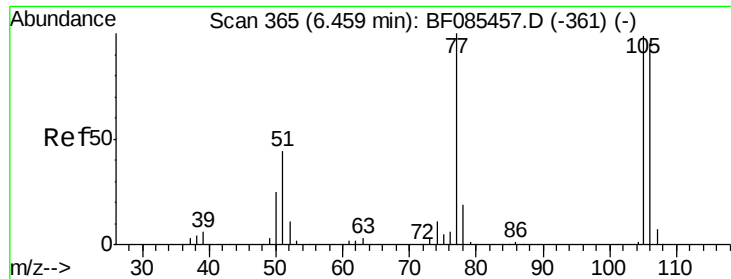
Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Tgt Ion:	128	Resp:	437082
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.3	53.3
64	36.6	25.7	65.7





#9

Benzaldehyde

Concen: 34.93 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.03 min

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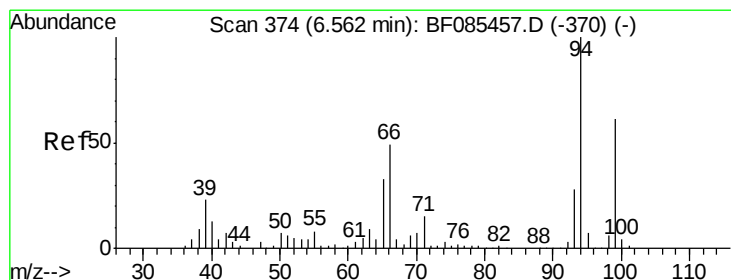
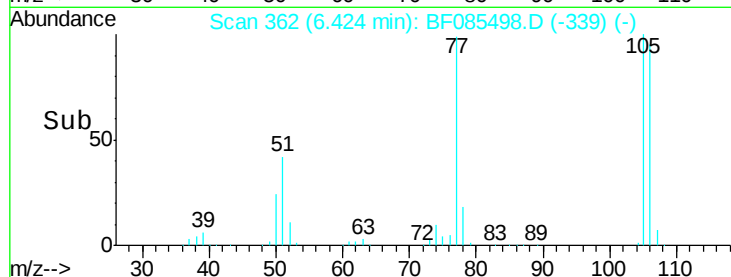
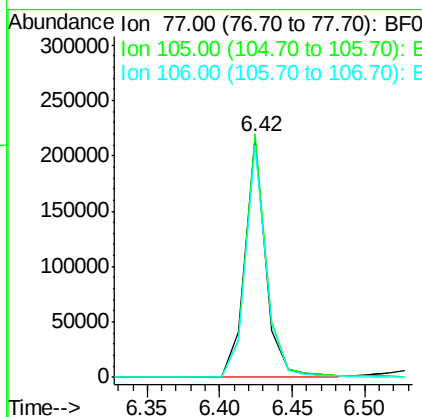
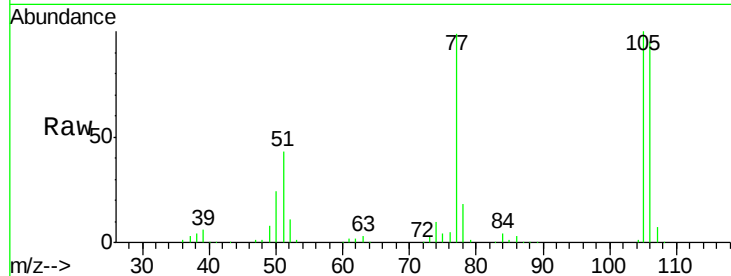
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Tgt Ion:	77	Resp:	216598
Ion	Ratio	Lower	Upper
77	100		
105	101.3	78.2	118.2
106	96.5	72.9	112.9

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#10

Phenol

Concen: 42.02 ng

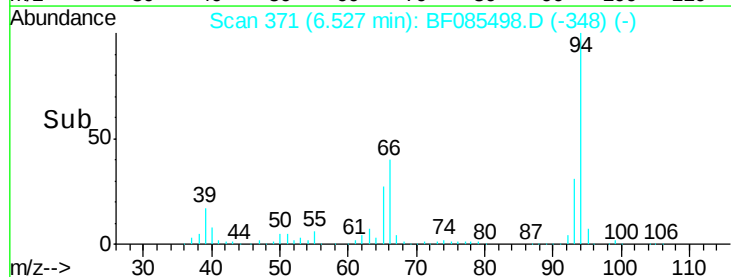
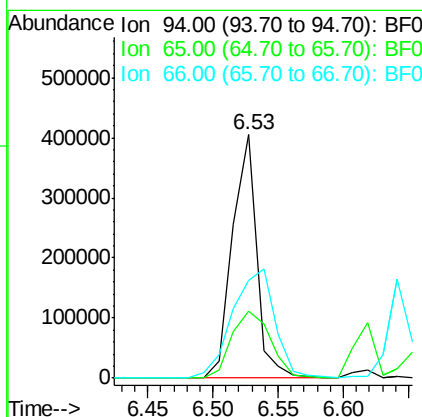
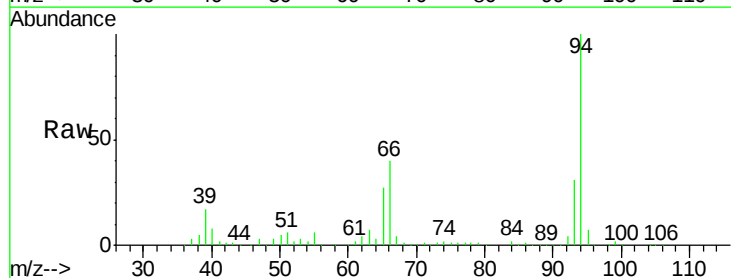
RT: 6.53 min Scan# 371

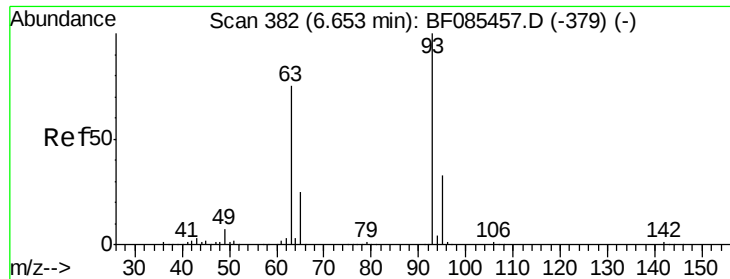
Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Tgt Ion:	94	Resp:	523152
Ion	Ratio	Lower	Upper
94	100		
65	27.3	9.1	49.1
66	40.0	19.3	59.3





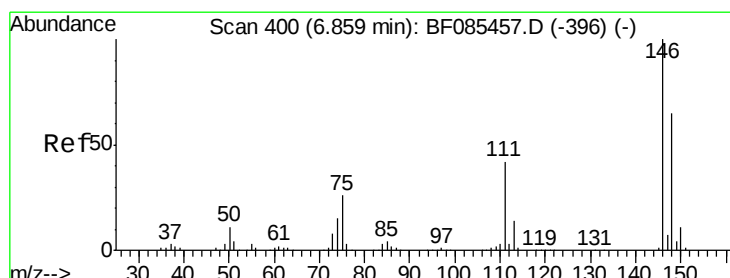
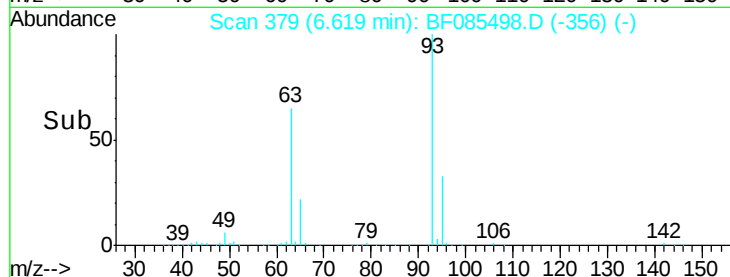
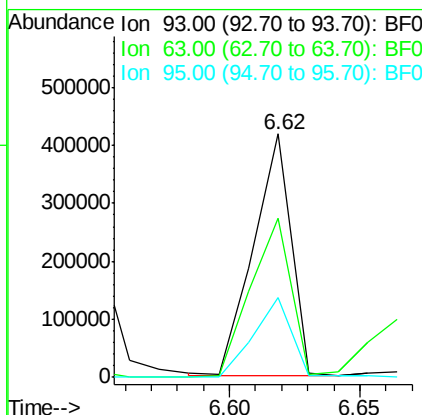
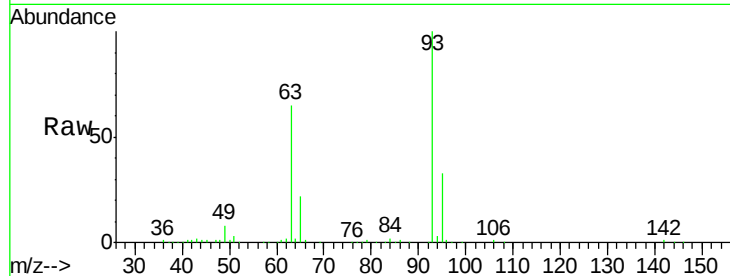
#11
bis(2-Chloroethyl)ether
Concen: 43.75 ng
RT: 6.62 min Scan# 379
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	65.2	50.9	90.9
95	32.8	13.7	53.7

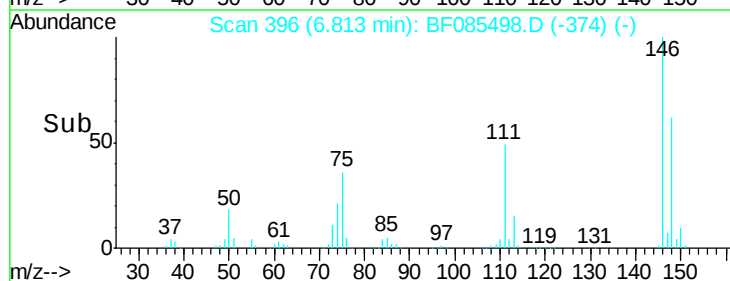
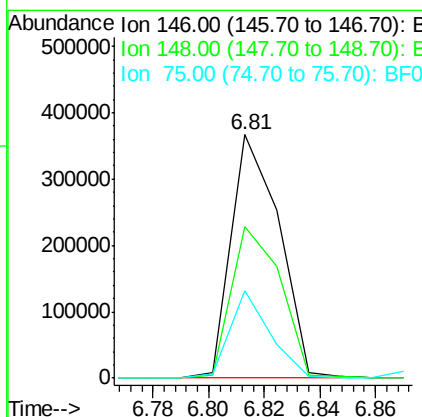
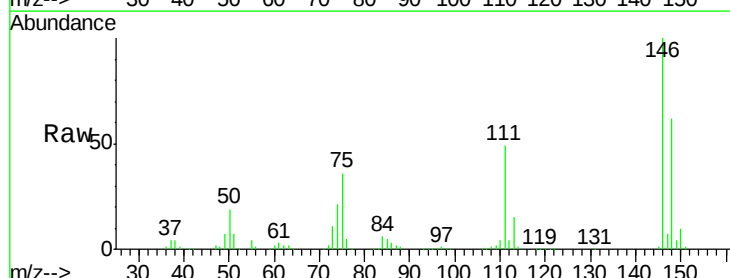
Manual Integrations
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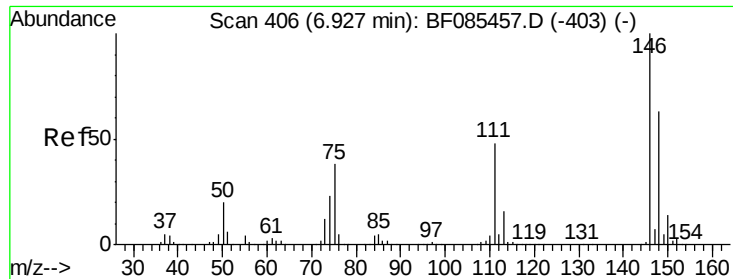
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#12
1,3-Dichlorobenzene
Concen: 39.45 ng m
RT: 6.81 min Scan# 396
Delta R.T. -0.05 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.0	52.1	78.1
75	36.0	19.5	29.3





#13

1,4-Dichlorobenzene

Concen: 40.37 ng

RT: 6.89 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

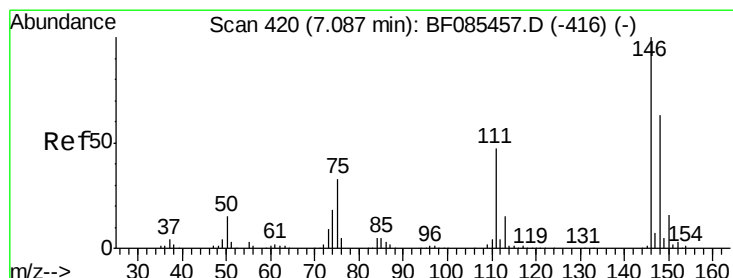
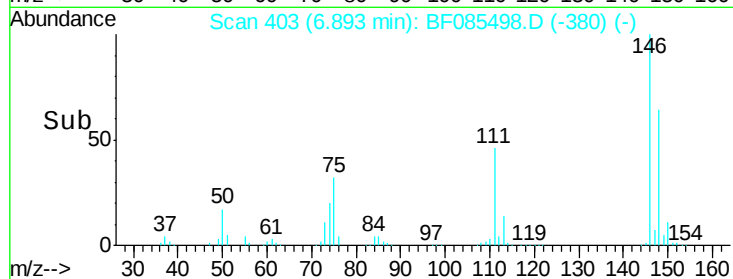
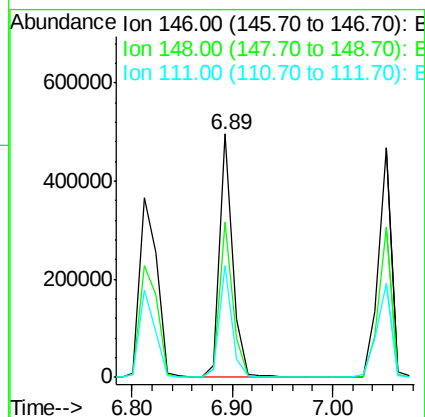
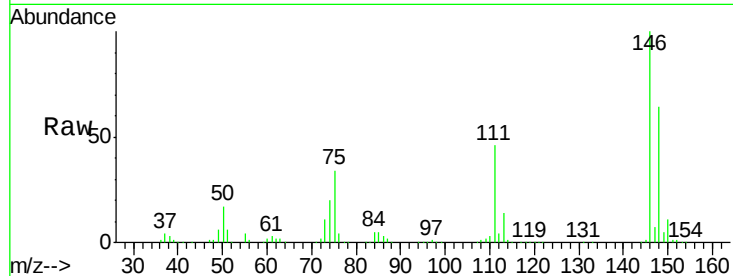
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	449886
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.3	76.9
111	45.7	38.4	57.6

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#14

1,2-Dichlorobenzene

Concen: 43.59 ng

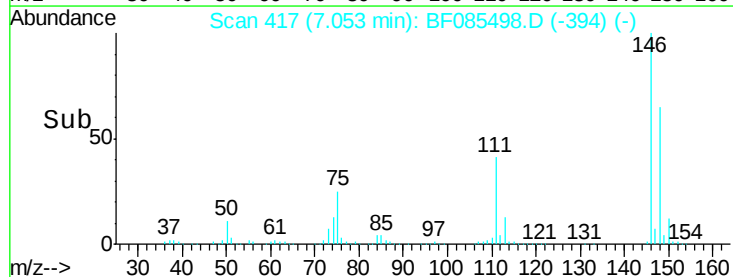
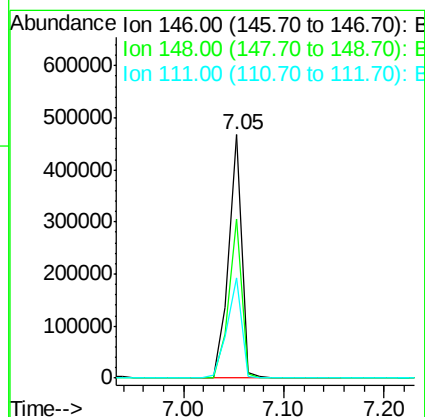
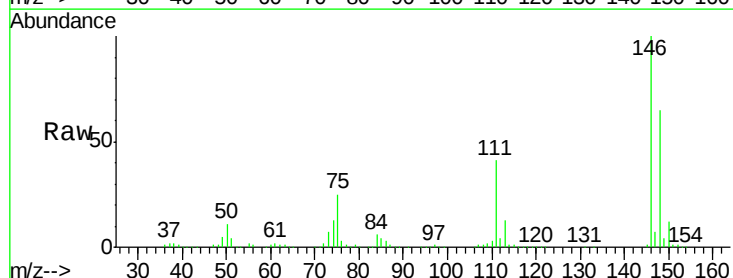
RT: 7.05 min Scan# 417

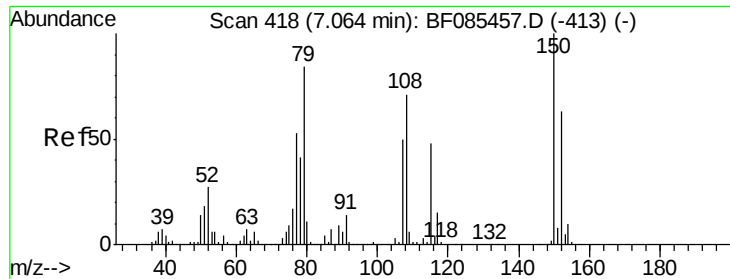
Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Tgt Ion:	146	Resp:	426316
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.4	77.2
111	41.0	36.7	55.1





#15

Benzyl Alcohol

Concen: 37.50 ng

RT: 7.02 min Scan# 414

Delta R.T. -0.05 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

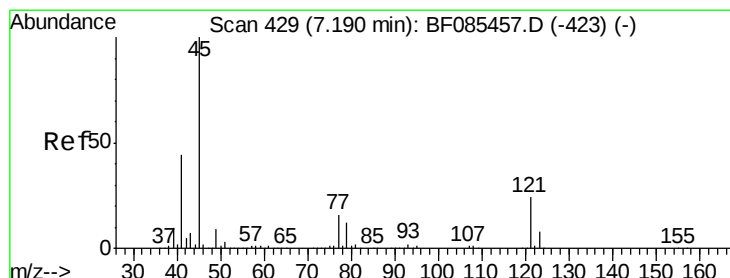
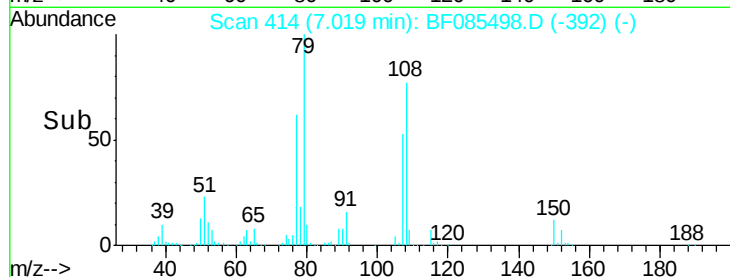
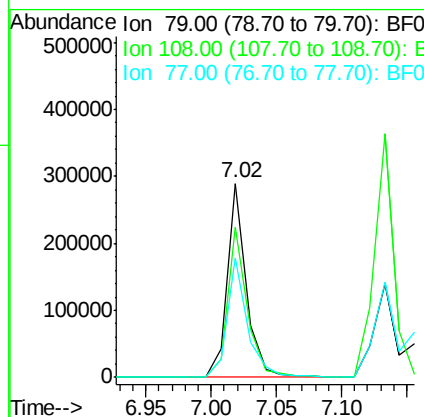
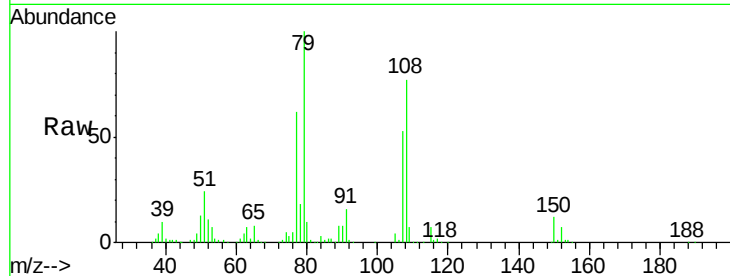
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	297464
Ion Ratio	Lower	Upper	
79	100		
108	77.4	62.9	94.3
77	61.8	49.5	74.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.99 ng

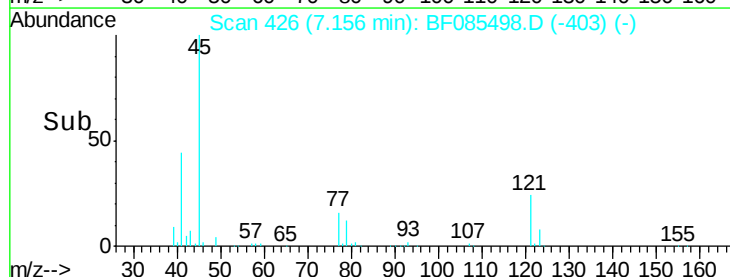
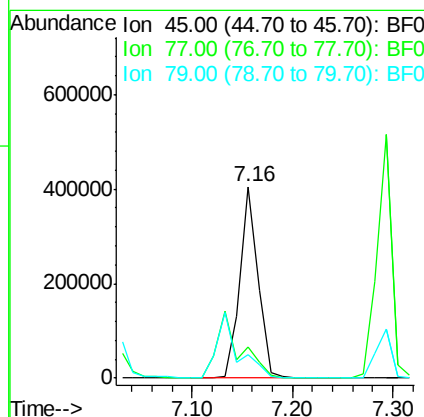
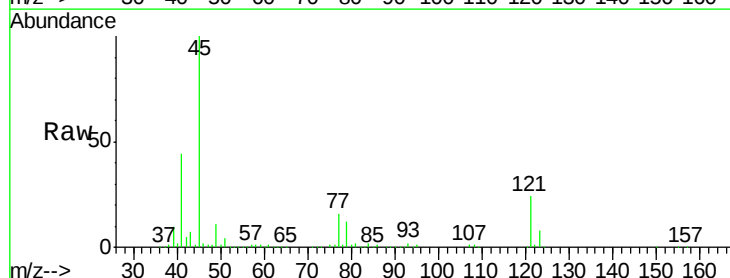
RT: 7.16 min Scan# 426

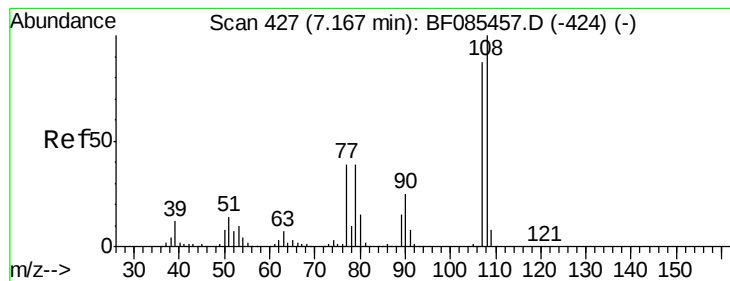
Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Tgt Ion:	45	Resp:	508291
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	35.1
79	12.4	0.0	31.3





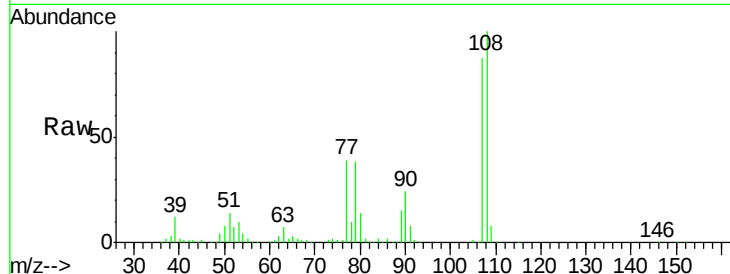
#17
2-Methylphenol
Concen: 39.03 ng
RT: 7.13 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

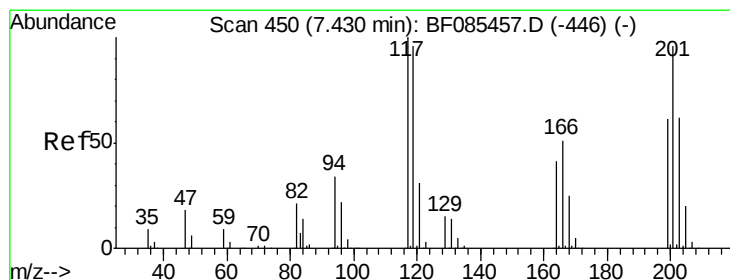
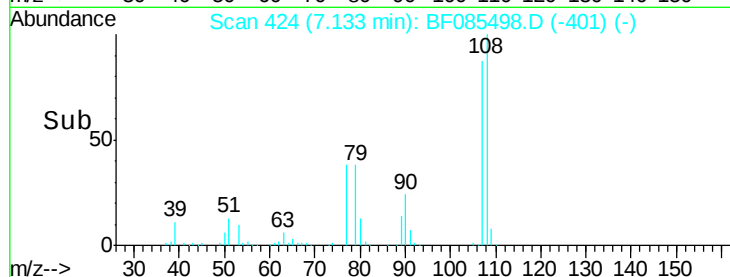
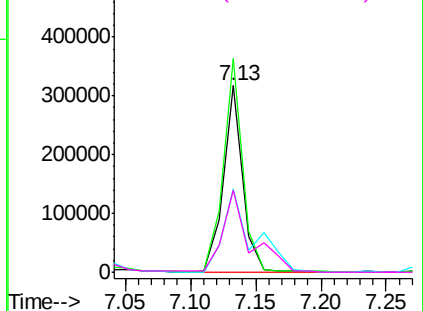
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	328038		
108	114.4	90.9	136.3	
77	44.5	32.6	48.8	
79	44.0	32.8	49.2	

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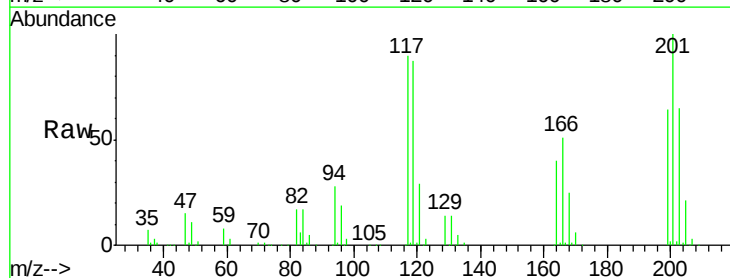


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

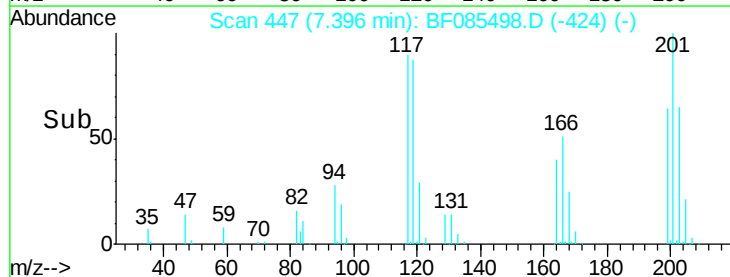
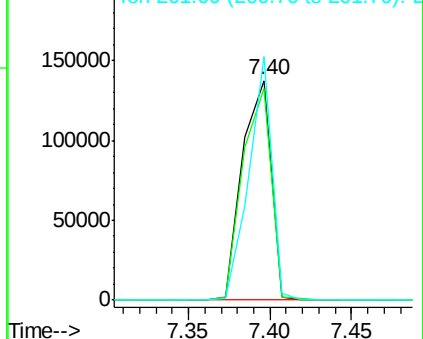


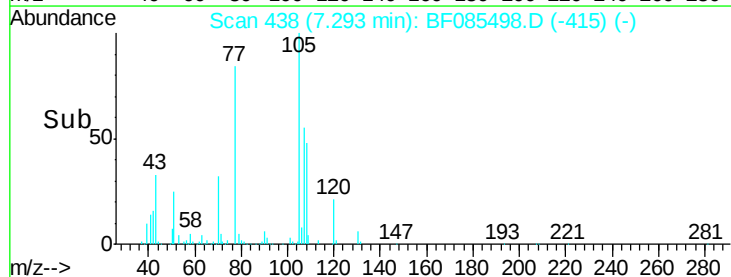
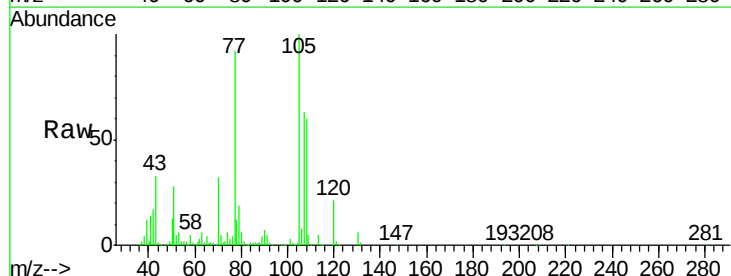
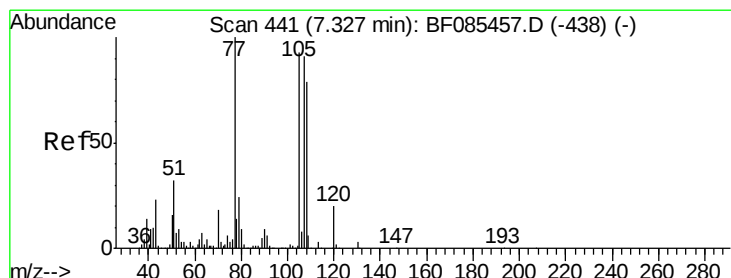
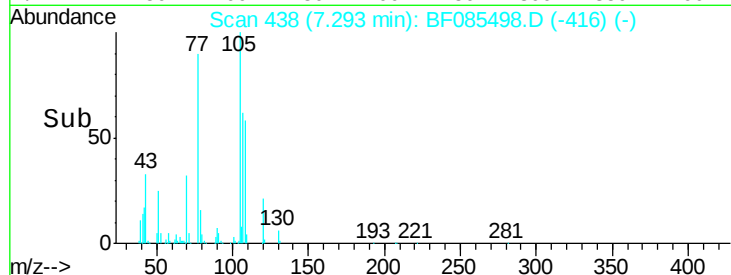
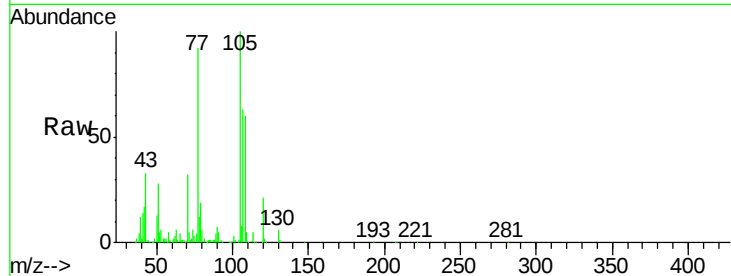
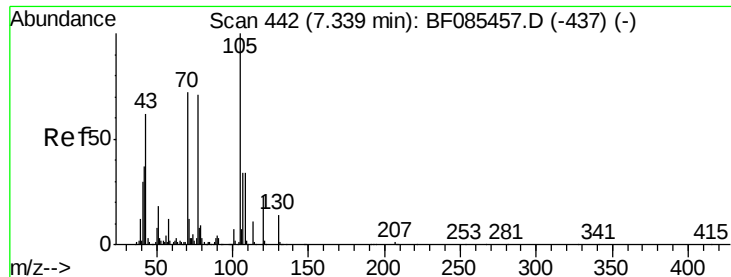
#18
Hexachloroethane
Concen: 40.99 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	167562		
119	96.3	78.2	117.4	
201	110.7	72.0	108.0	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





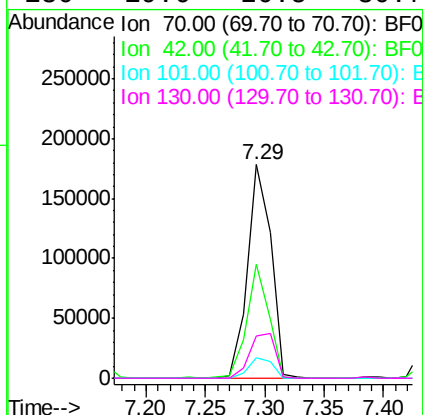
#19
n-Nitroso-di-n-propylamine
Concen: 37.33 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.5	37.7	56.5	
101	9.6	8.2	12.4	
130	19.6	20.5	30.7#	

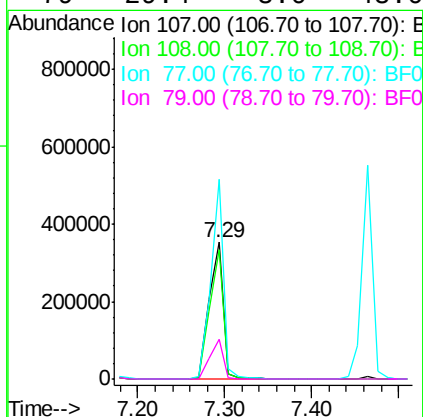
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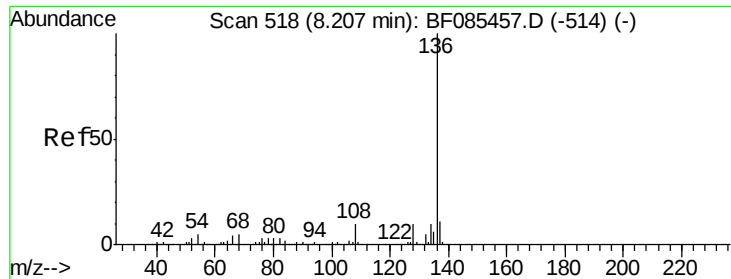
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#20
3+4-Methylphenols
Concen: 44.18 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.9	68.8	108.8	
77	146.2	53.6	93.6#	
79	29.4	8.0	48.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

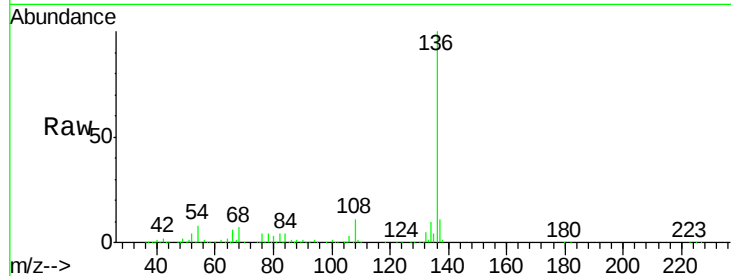
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	573048		
137	11.1	9.3	13.9	
54	8.2	7.4	11.2	
68	6.7	6.0	9.0	

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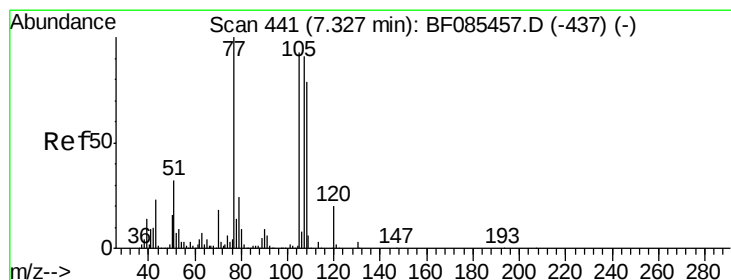
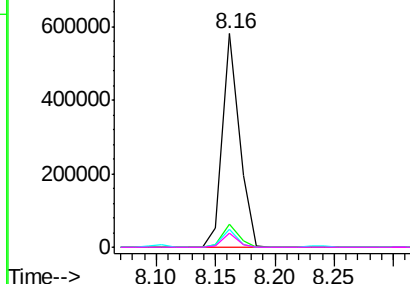
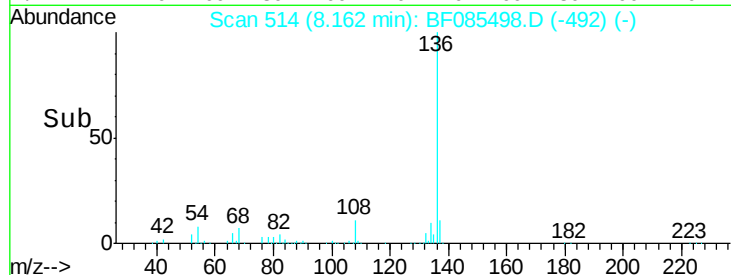


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.76 ng

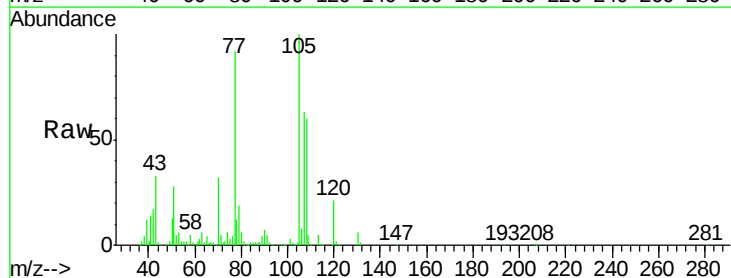
RT: 7.29 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	544341		
71	5.2	4.1	6.1	
51	27.8	21.1	31.7	
120	21.4	17.3	25.9	

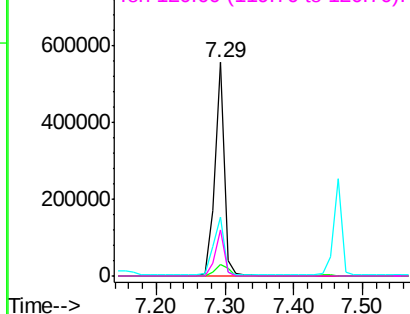
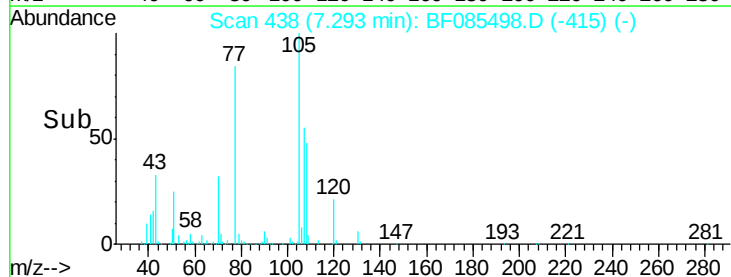


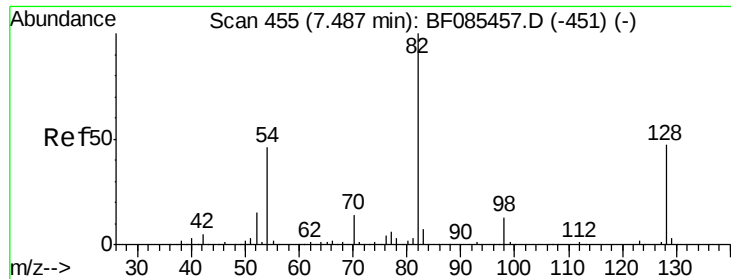
Abundance Ion 105.00 (104.70 to 105.70): E

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





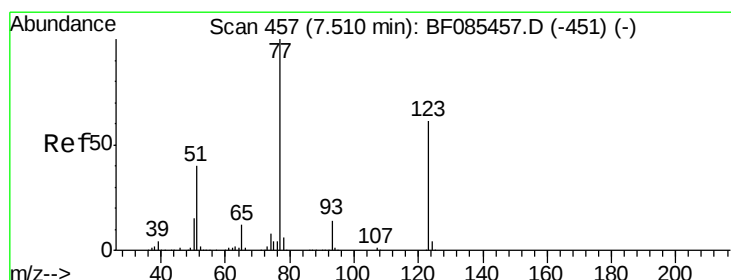
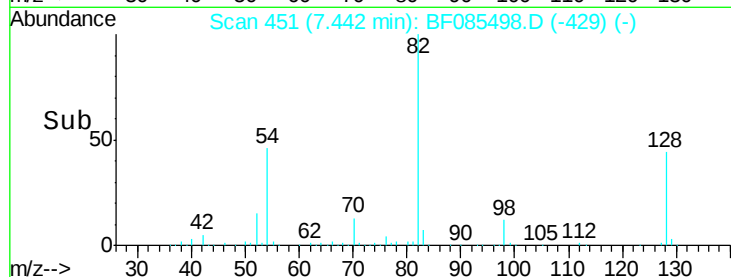
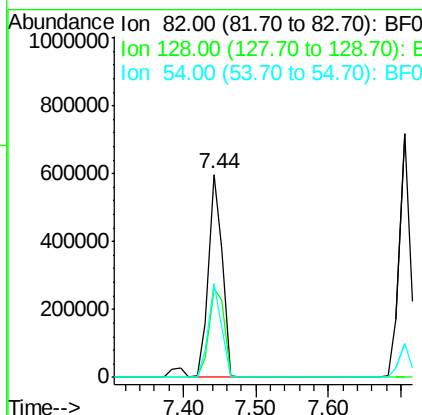
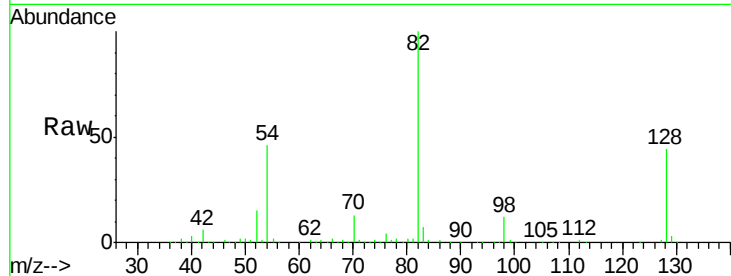
#23
 Nitrobenzene-d5
 Concen: 81.74 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.05 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.5	51.7
54	46.5	39.3	58.9

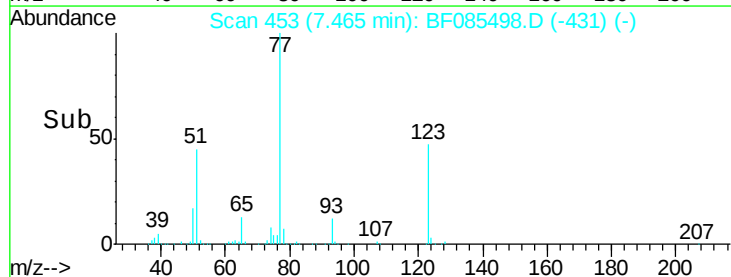
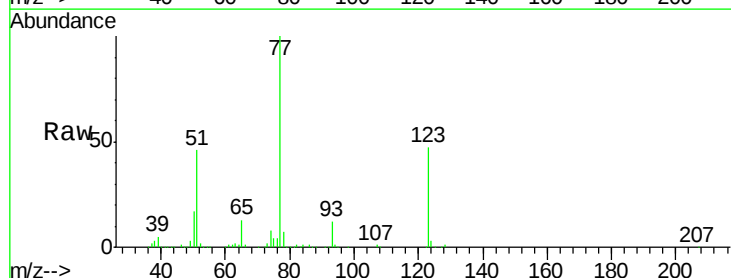
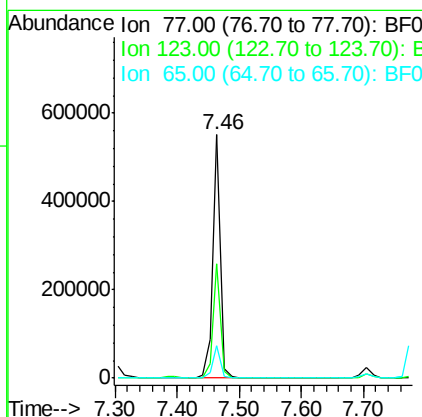
Manual Integrations
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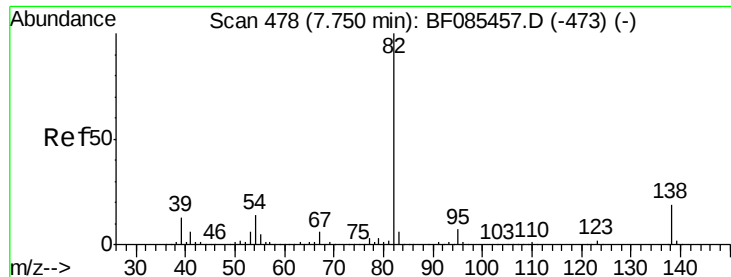
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#24
 Nitrobenzene
 Concen: 42.58 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.05 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	35.4	53.2
65	13.1	10.6	16.0





#25

Isophorone

Concen: 39.40 ng

RT: 7.70 min Scan# 474

Delta R.T. -0.05 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

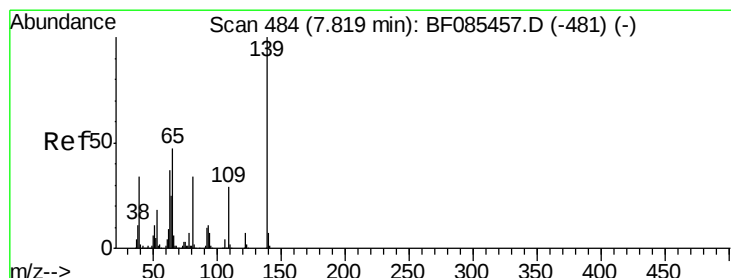
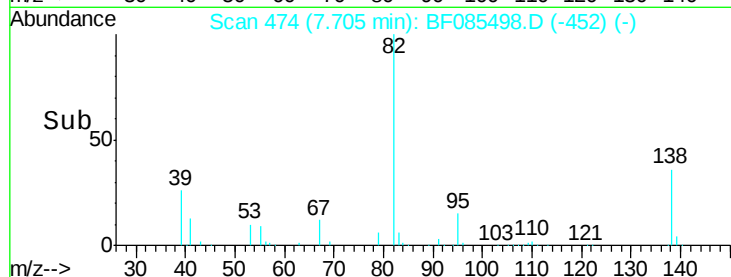
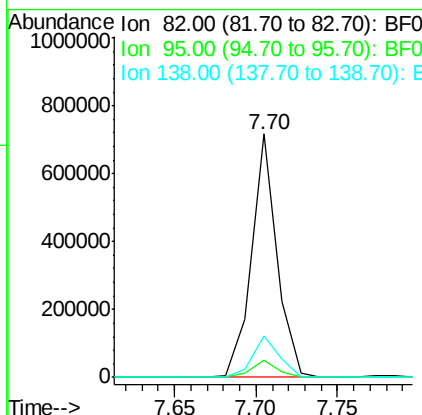
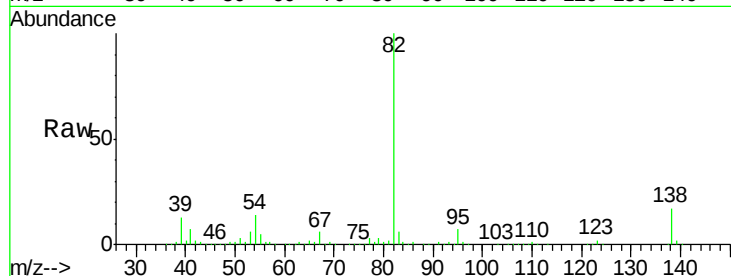
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	778750
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	17.0	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.64 ng

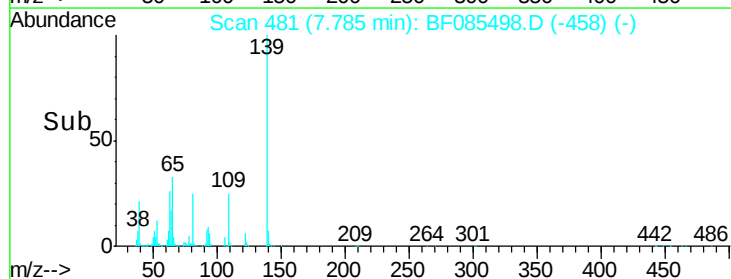
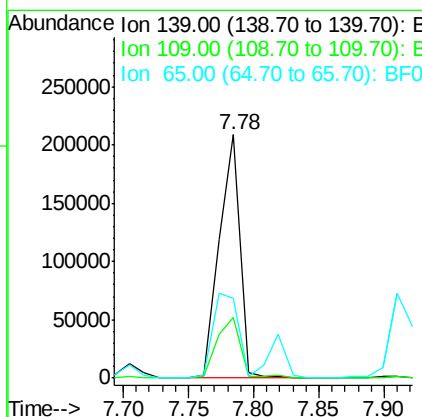
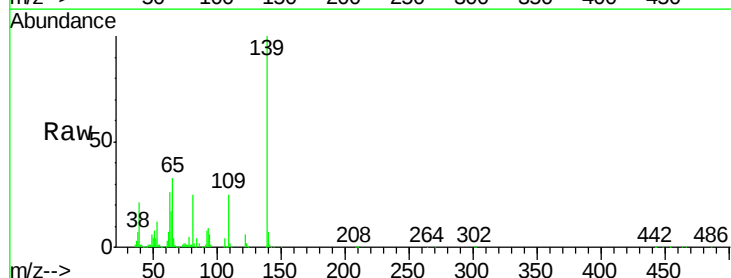
RT: 7.78 min Scan# 481

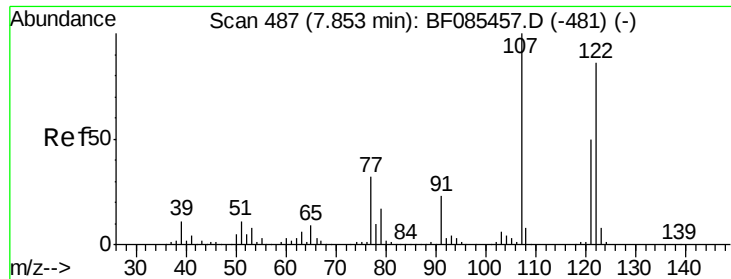
Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Tgt Ion:	139	Resp:	233534
Ion Ratio	Lower	Upper	
139	100		
109	25.0	19.1	28.7
65	32.9	23.9	35.9





#27

2,4-Dimethylphenol

Concen: 41.97 ng

RT: 7.82 min Scan# 484

Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

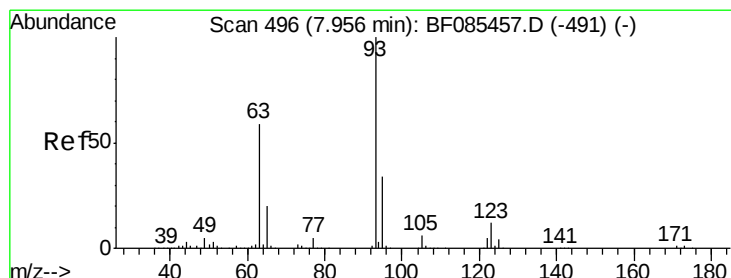
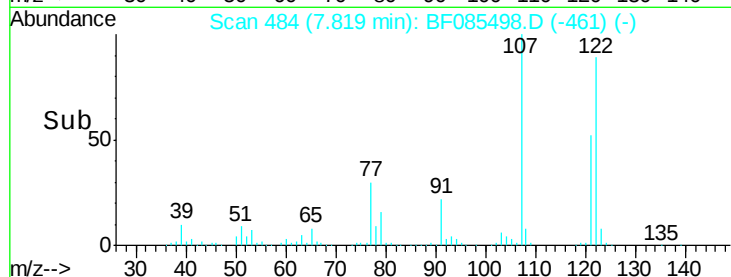
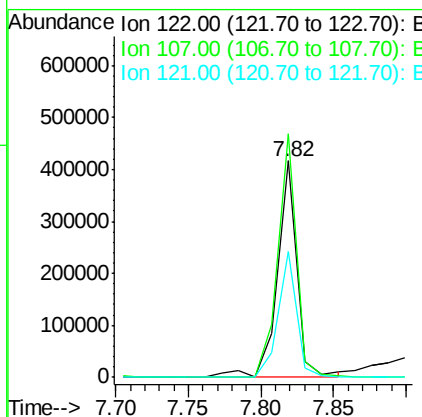
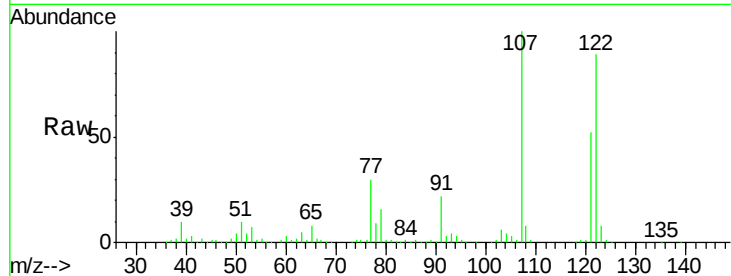
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	390491		
107	112.5	84.8	127.2	
121	58.4	47.0	70.6	

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#28

bis(2-Chloroethoxy)methane

Concen: 37.04 ng

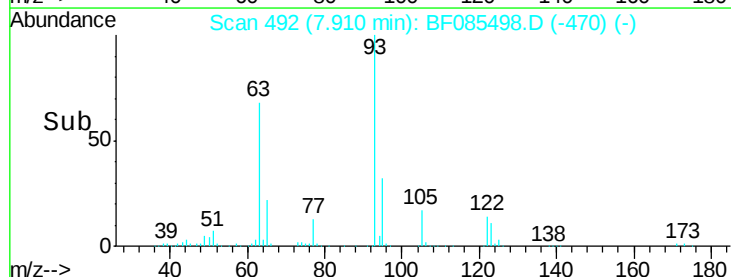
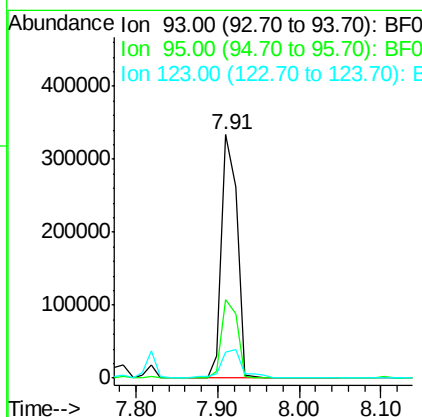
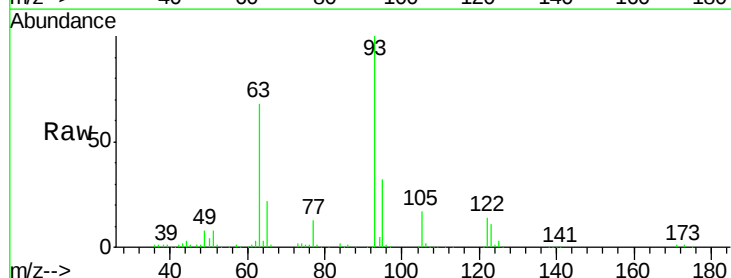
RT: 7.91 min Scan# 492

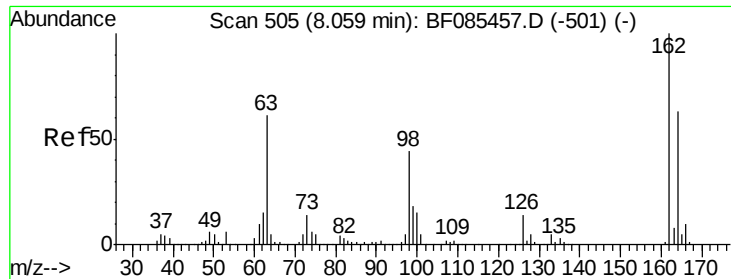
Delta R.T. -0.05 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	437697		
95	32.1	25.9	38.9	
123	10.7	8.8	13.2	





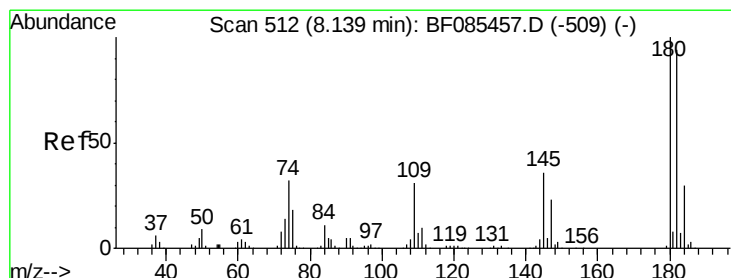
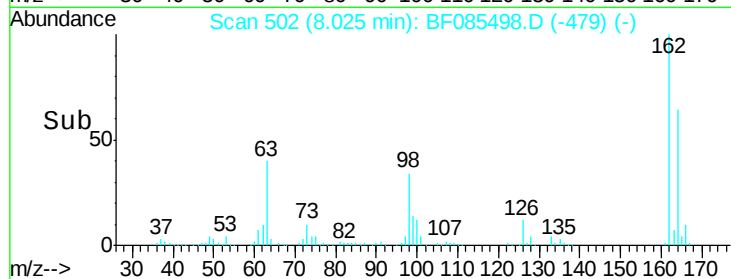
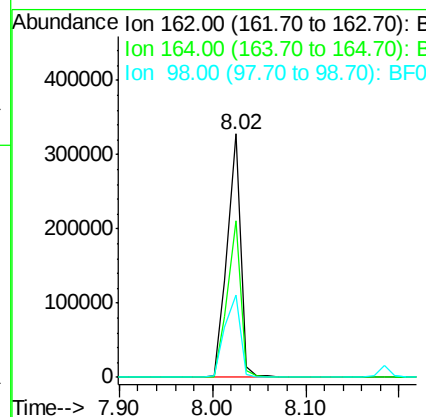
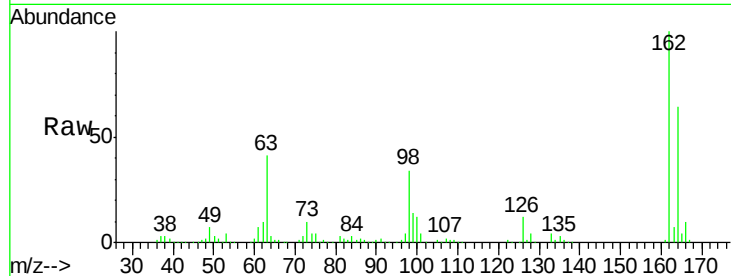
#29
2,4-Dichlorophenol
Concen: 43.70 ng
RT: 8.02 min Scan# 502
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	329884		
164	64.3	45.7	85.7	
98	34.0	9.4	49.4	

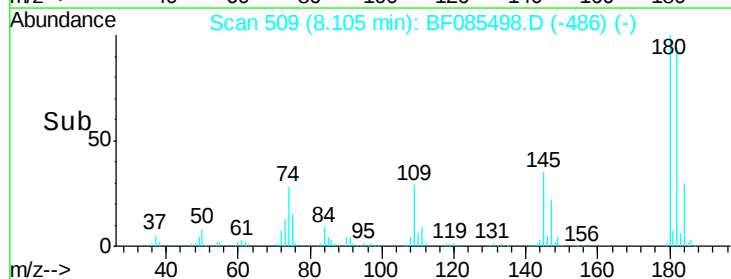
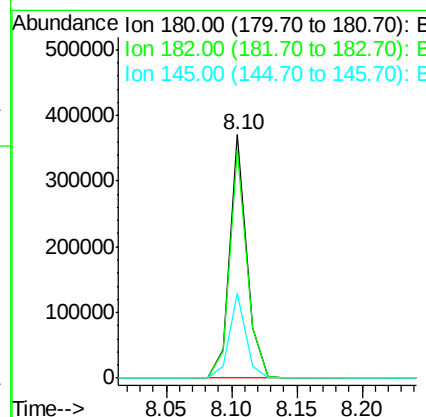
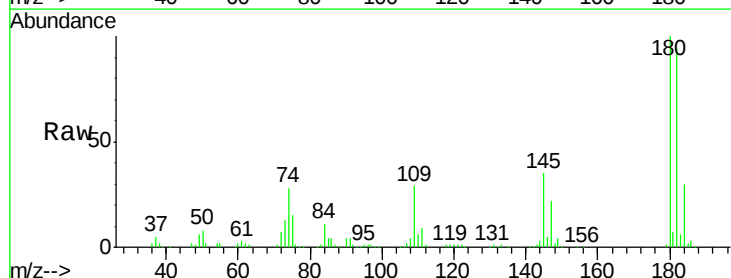
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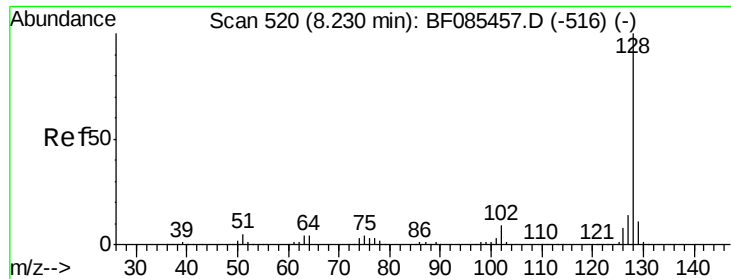
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#30
1,2,4-Trichlorobenzene
Concen: 38.91 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	339352		
182	93.6	74.9	112.3	
145	34.8	27.9	41.9	





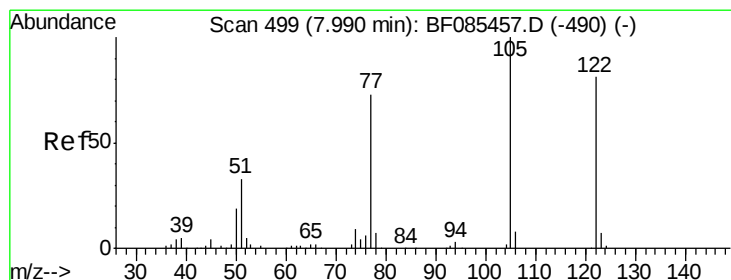
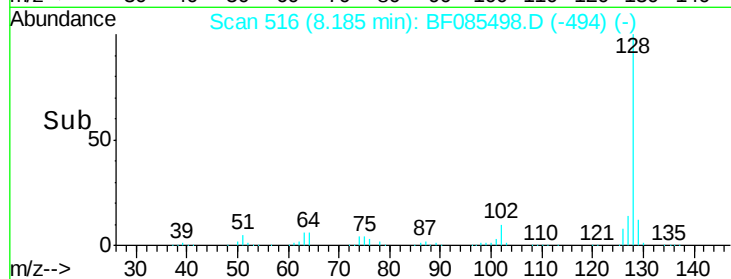
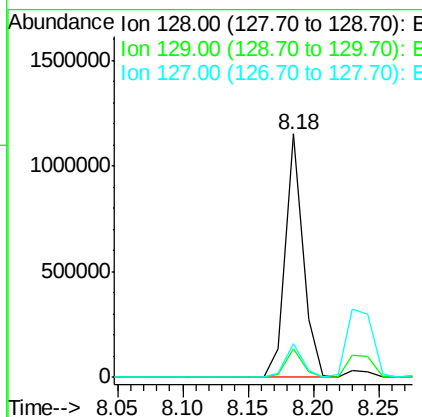
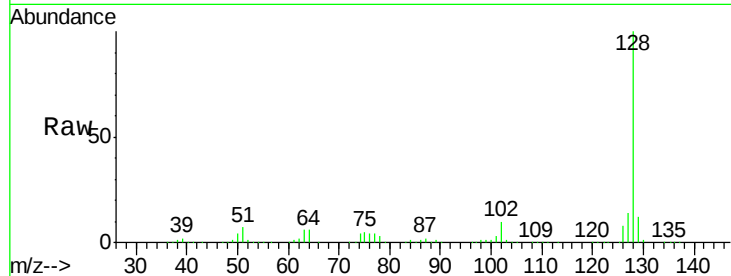
#31
Naphthalene
Concen: 38.64 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1081894
Ion Ratio Lower Upper
128 100
129 11.7 9.7 14.5
127 13.9 11.2 16.8

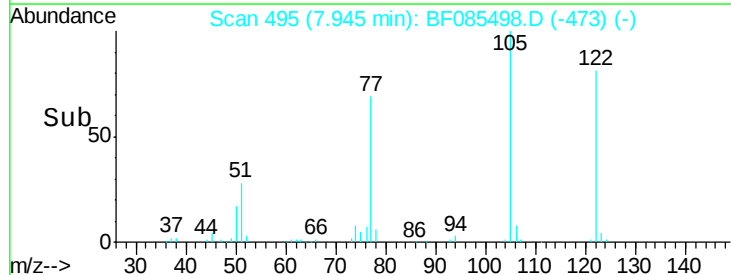
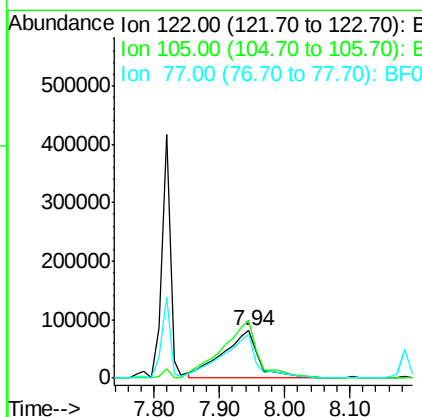
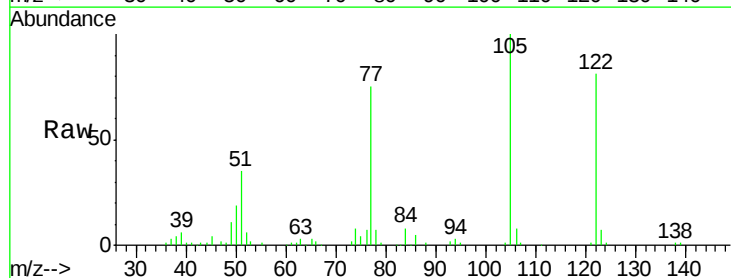
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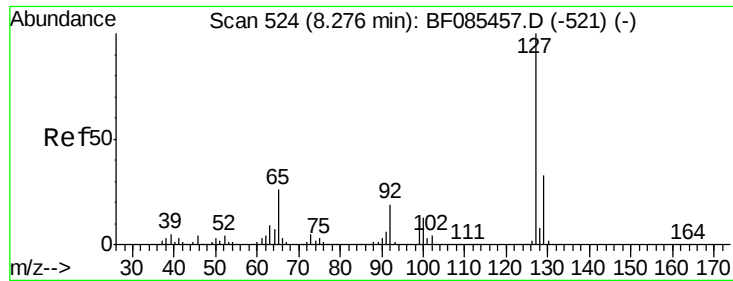
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#32
Benzoic acid
Concen: 56.72 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.05 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion:122 Resp: 303484
Ion Ratio Lower Upper
122 100
105 123.6 101.3 141.3
77 92.4 74.7 114.7





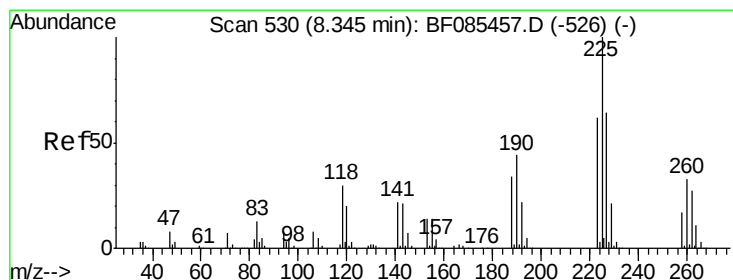
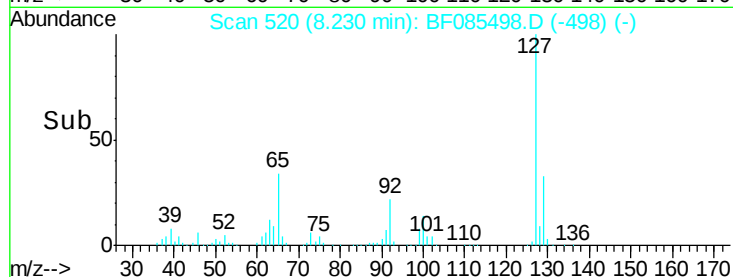
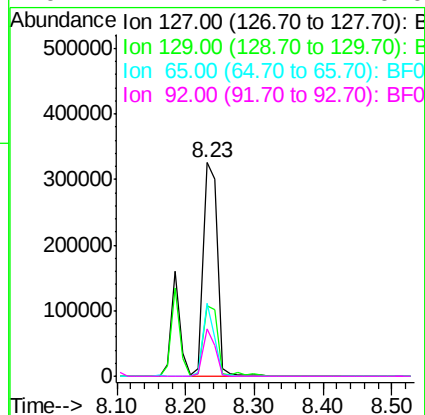
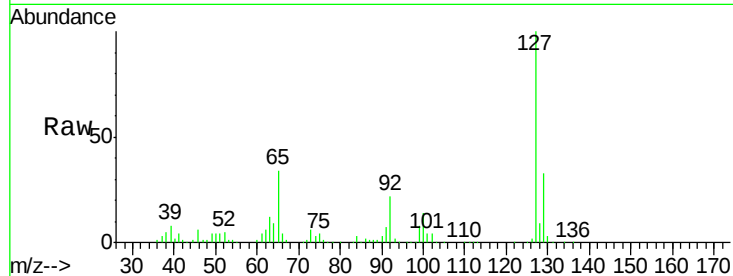
#33
4-Chloroaniline
Concen: 37.86 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		455957		
129	32.9	26.1	39.1		
65	34.4	27.0	40.6		
92	22.1	17.4	26.0		

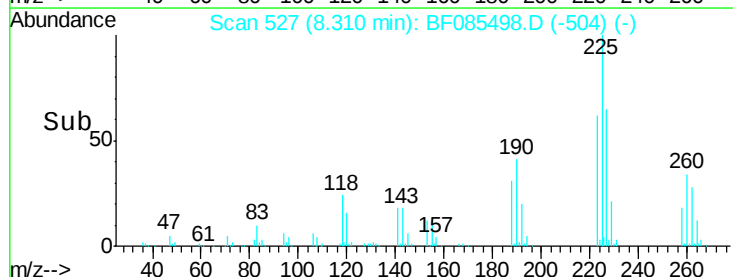
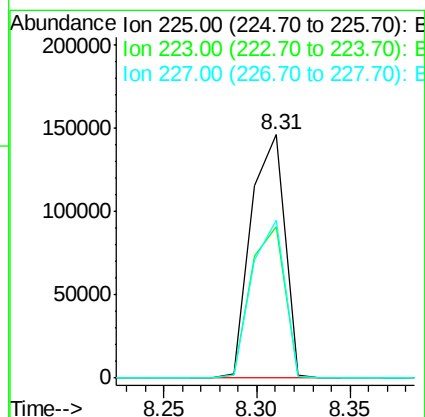
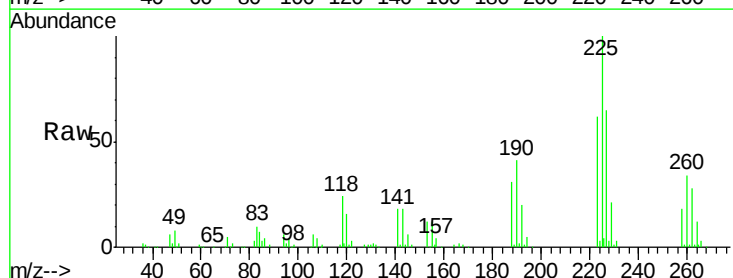
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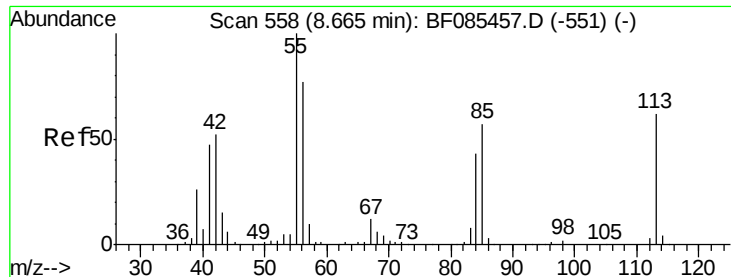
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#34
Hexachlorobutadiene
Concen: 39.94 ng
RT: 8.31 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		182112		
223	62.0	49.7	74.5		
227	64.8	52.2	78.4		





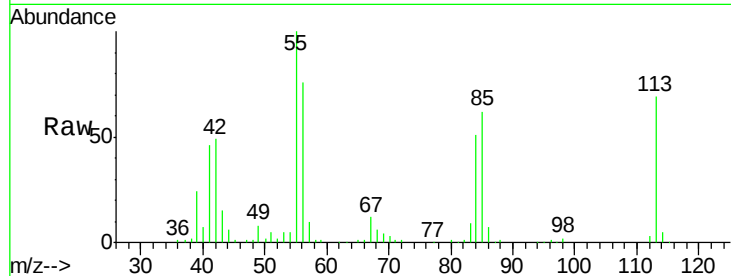
#35
 Caprolactam
 Concen: 45.66 ng
 RT: 8.62 min Scan# 554
 Delta R.T. -0.05 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

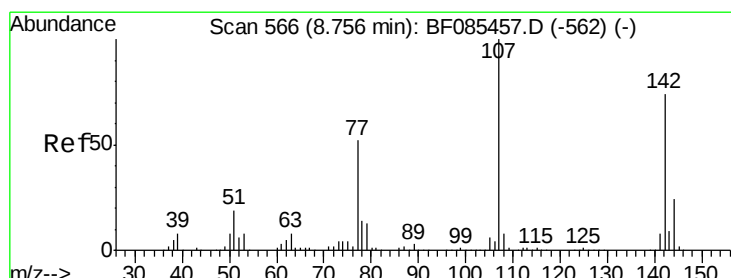
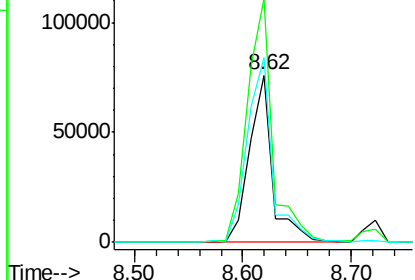
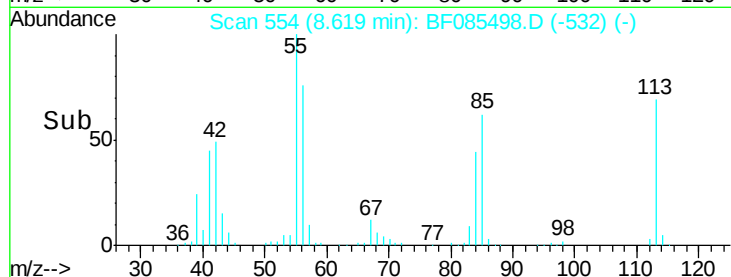
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	112560		
55	145.8	152.7	192.7#	
56	110.8	109.0	149.0	

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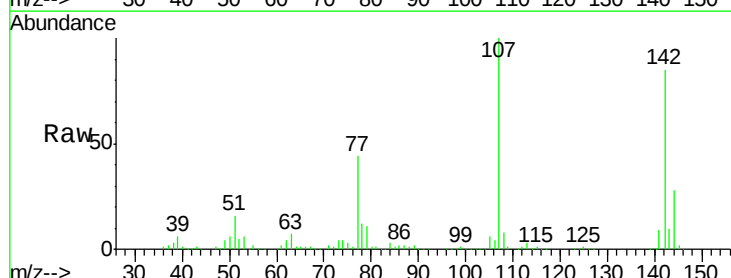


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

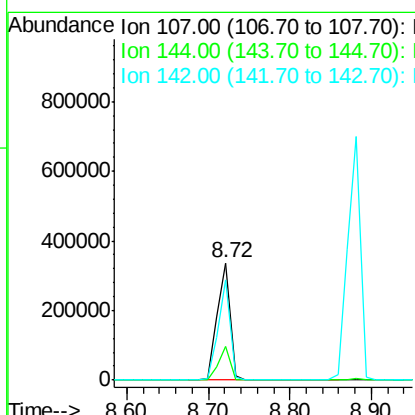
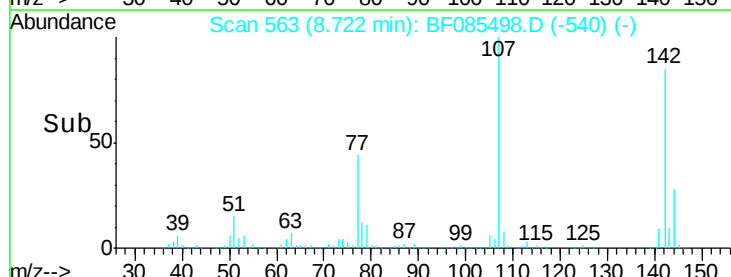


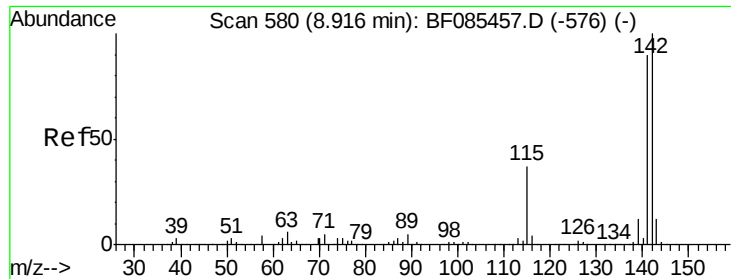
#36
 4-Chloro-3-methylphenol
 Concen: 43.36 ng
 RT: 8.72 min Scan# 563
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	373719		
144	28.3	19.4	29.2	
142	85.4	59.4	89.2	



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





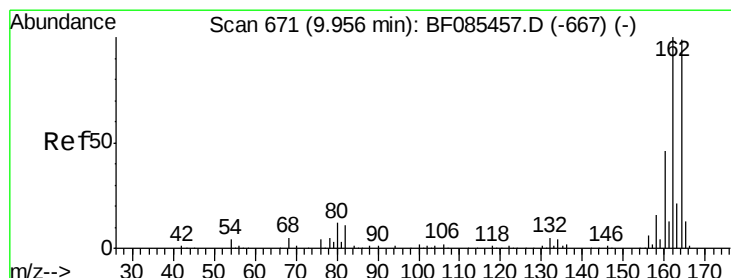
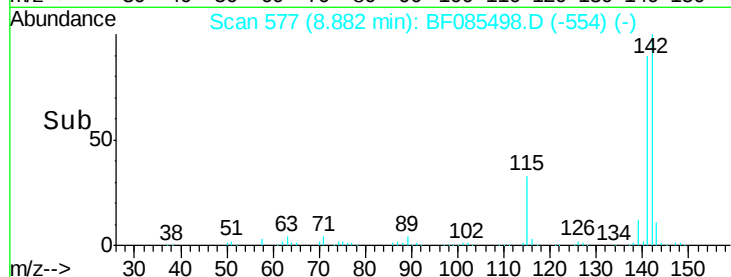
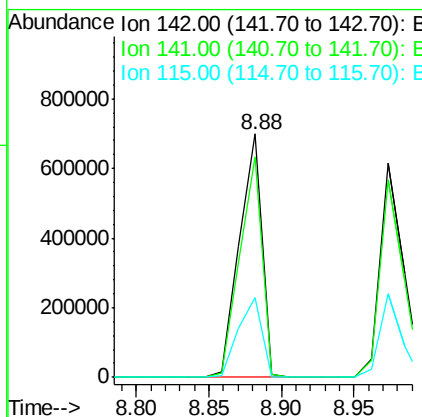
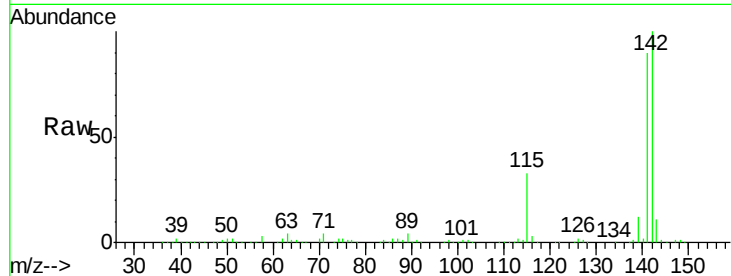
#37
2-Methylnaphthalene
Concen: 42.71 ng
RT: 8.88 min Scan# 577
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.7	107.5
115	32.7	26.2	39.4

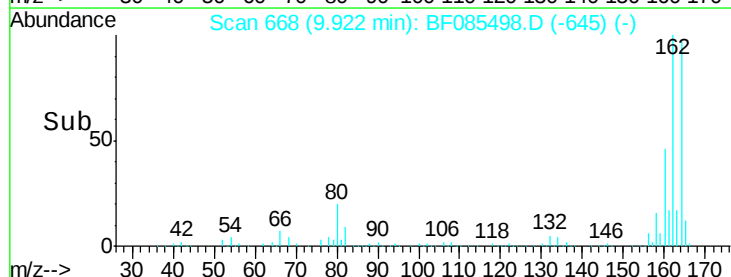
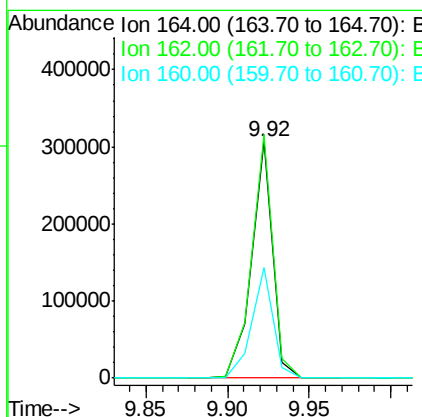
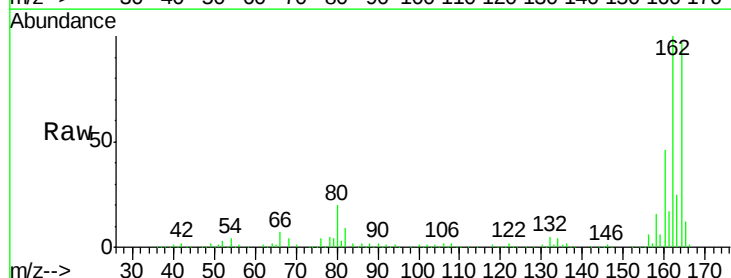
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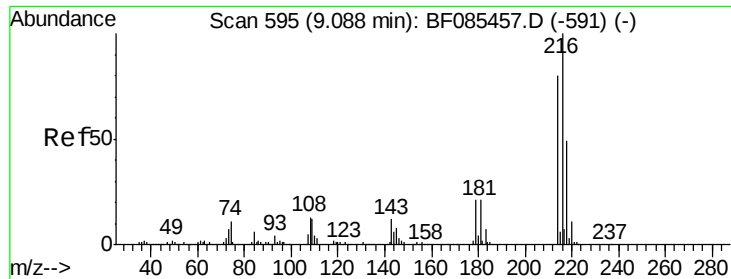
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.3	124.9
160	46.8	37.9	56.9





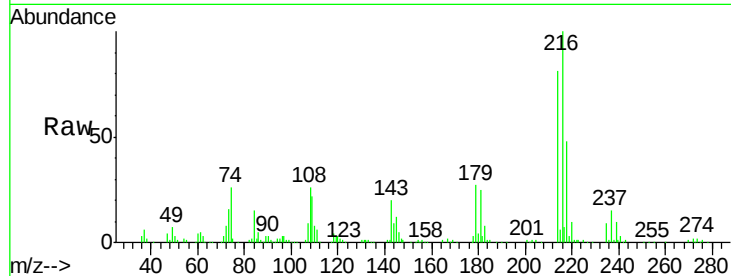
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.53 ng
 RT: 9.04 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

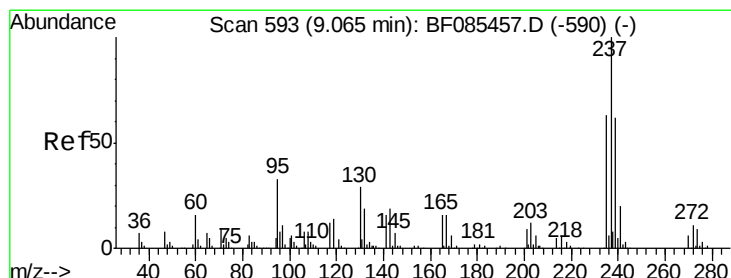
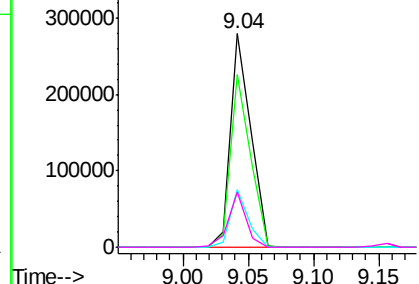
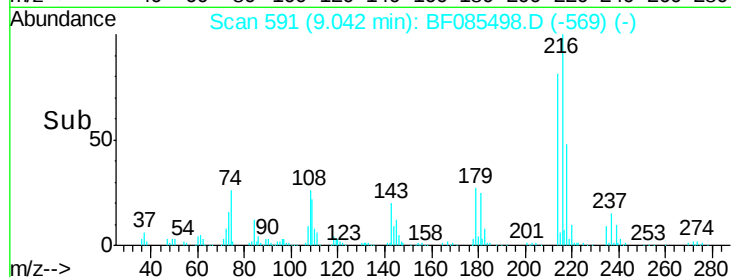
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	302766		
214	79.5	63.8	95.6	
179	23.7	19.6	29.4	
108	22.6	19.6	29.4	

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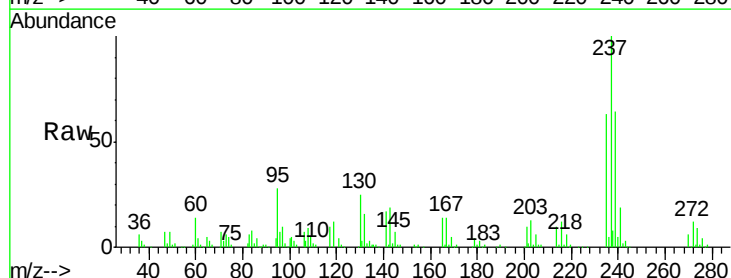


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

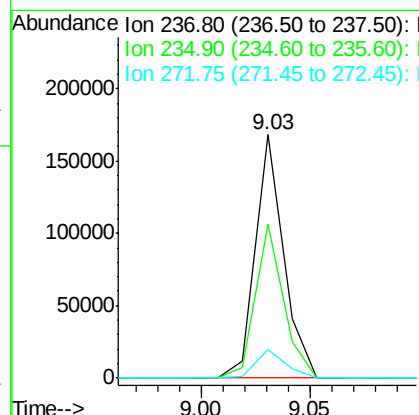
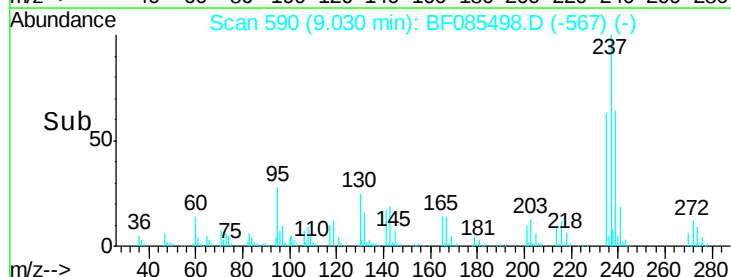


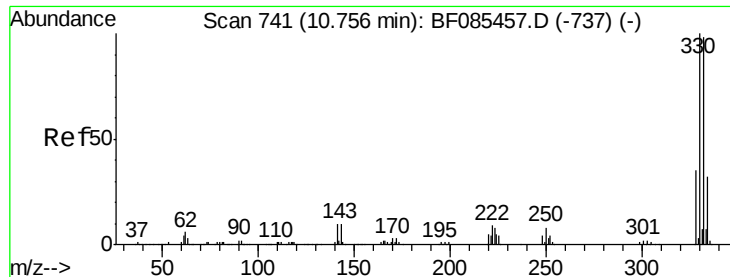
#40
 Hexachlorocyclopentadiene
 Concen: 36.82 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	151621		
235	63.2	43.7	83.7	
272	11.7	0.0	31.5	



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





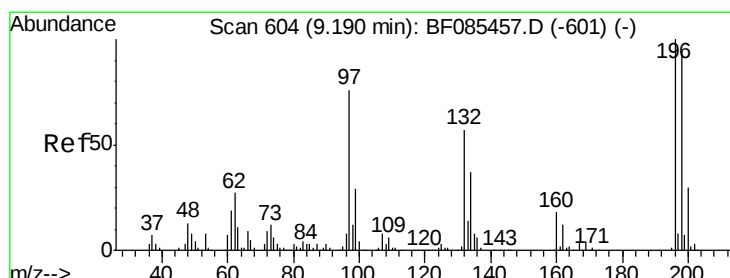
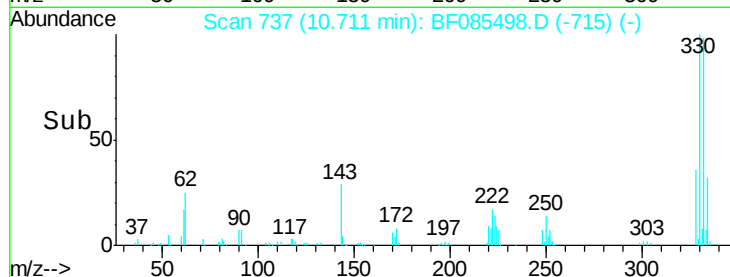
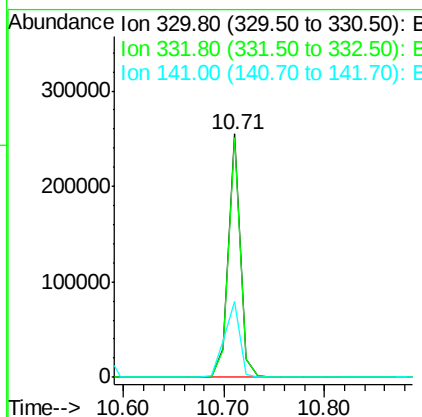
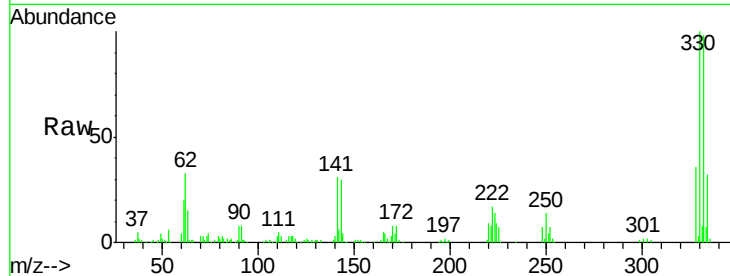
#41
 2,4,6-Tribromophenol
 Concen: 84.11 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	212220		
332	97.8	77.1	115.7	
141	39.9	35.0	52.6	

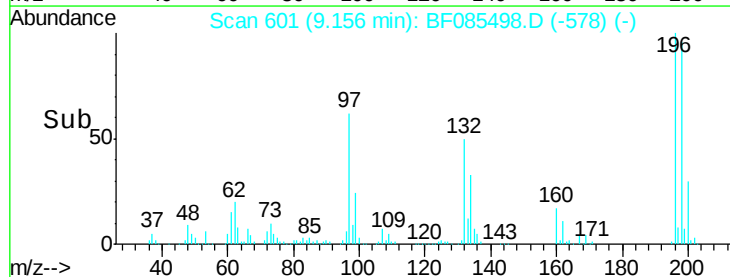
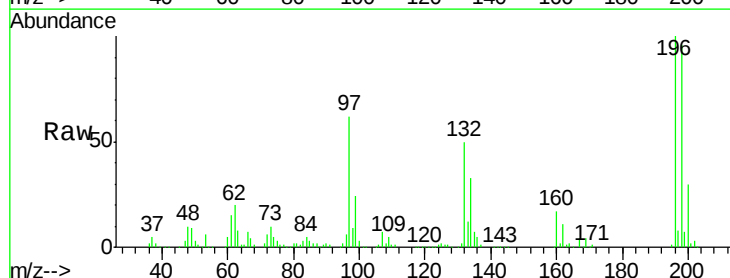
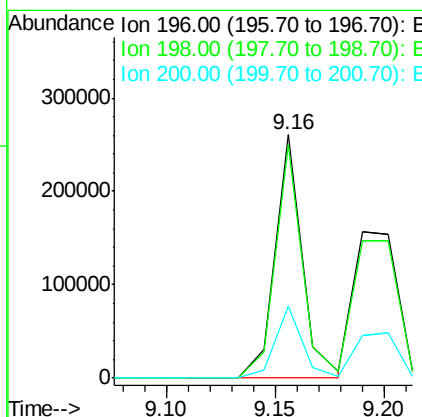
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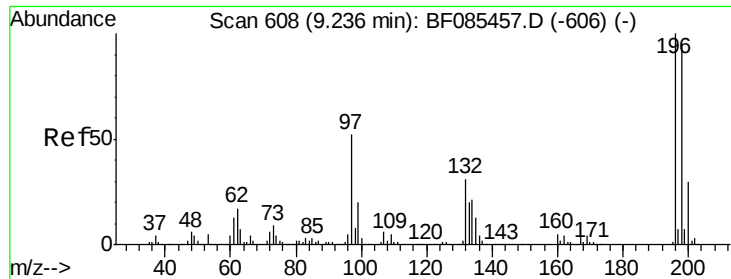
UMANGI
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#42
 2,4,6-Trichlorophenol
 Concen: 40.66 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

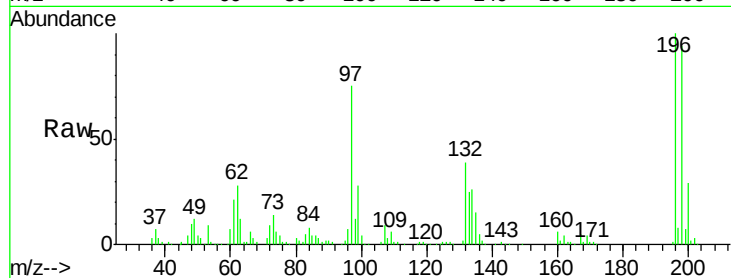
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228759		
198	95.8	77.8	116.6	
200	29.9	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 39.11 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

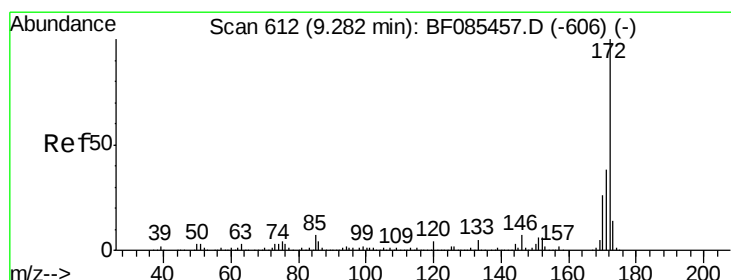
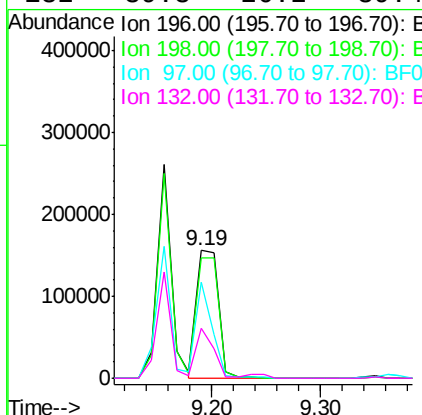
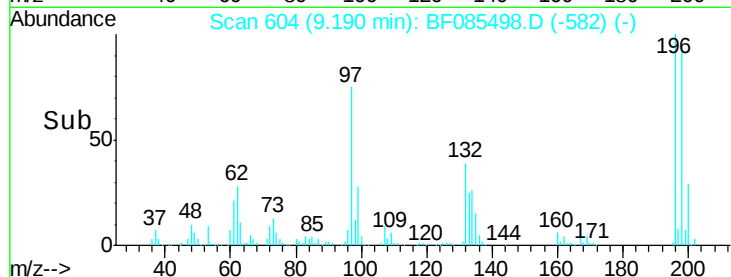
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



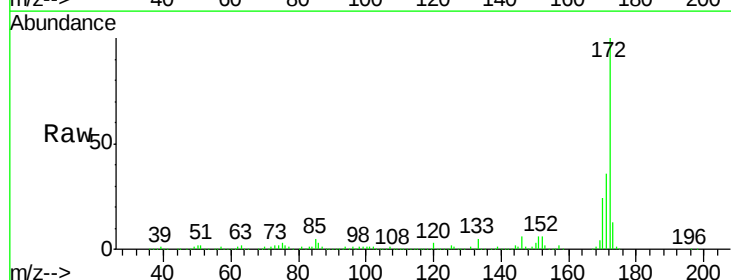
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222301		
198	93.9	75.7	113.5	
97	75.4	46.4	69.6	
132	39.3	26.2	39.4	

Manual Integrations
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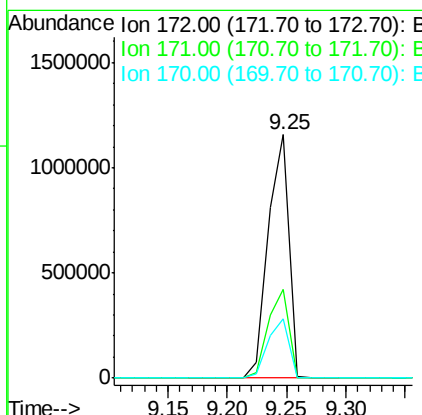
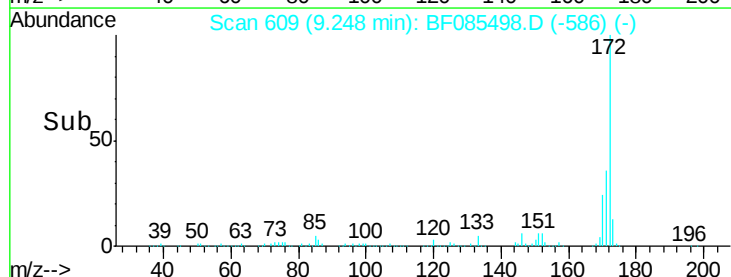
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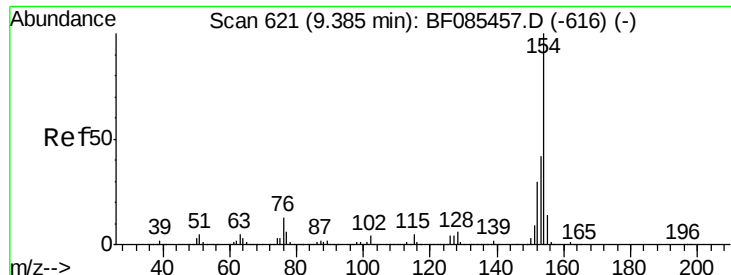


#44
 2-Fluorobiphenyl
 Concen: 89.47 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1412713		
171	36.3	29.3	43.9	
170	24.2	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 39.99 ng

RT: 9.34 min Scan# 617

Delta R.T. -0.05 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

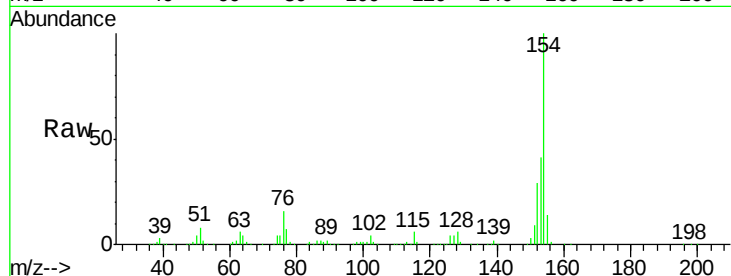
ClientSampleId :

SSTDCCC040

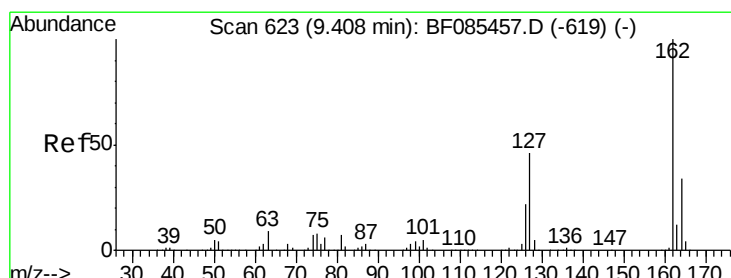
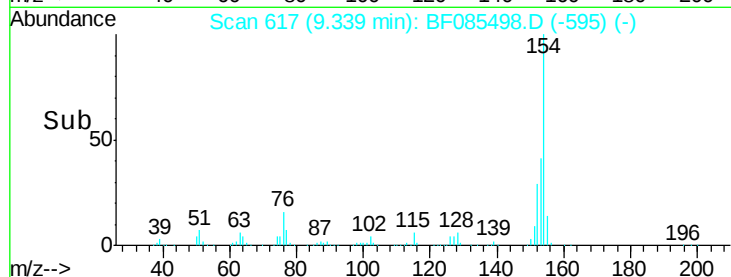
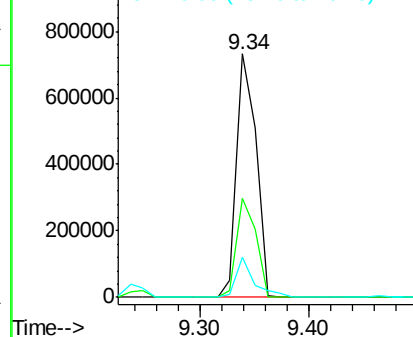
Tgt Ion:	154	Resp:	894197
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.4	61.4
76	16.4	0.0	37.5

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



#46

2-Chloronaphthalene

Concen: 41.41 ng

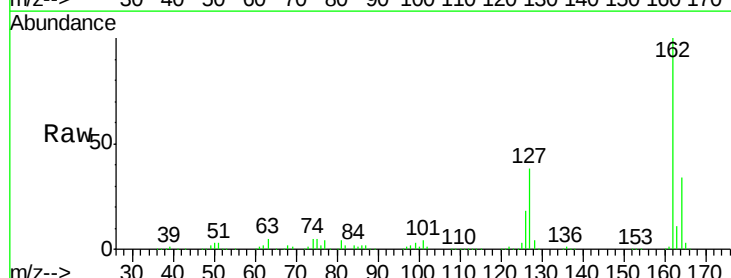
RT: 9.37 min Scan# 620

Delta R.T. -0.03 min

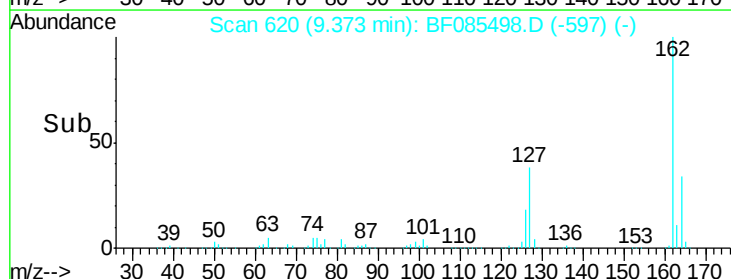
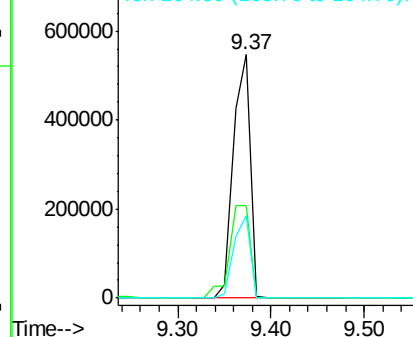
Lab File: BF085498.D

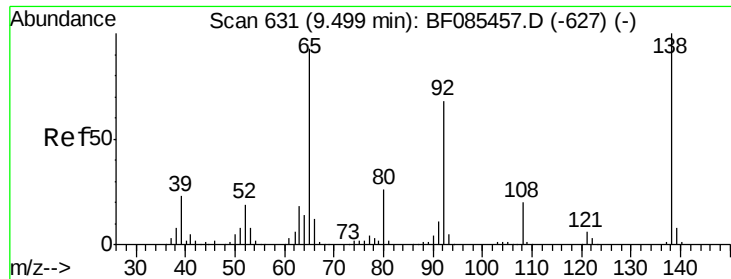
Acq: 17 Mar 2016 18:28

Tgt Ion:	162	Resp:	693692
Ion Ratio	Lower	Upper	
162	100		
127	38.1	31.6	47.4
164	33.6	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





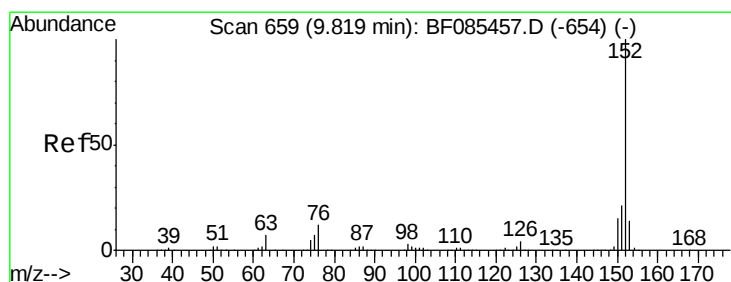
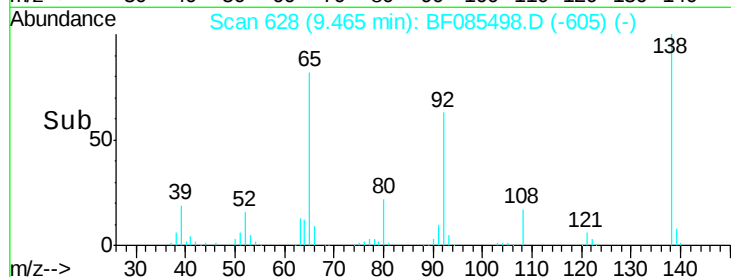
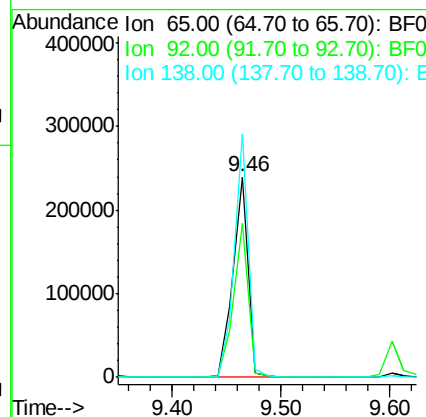
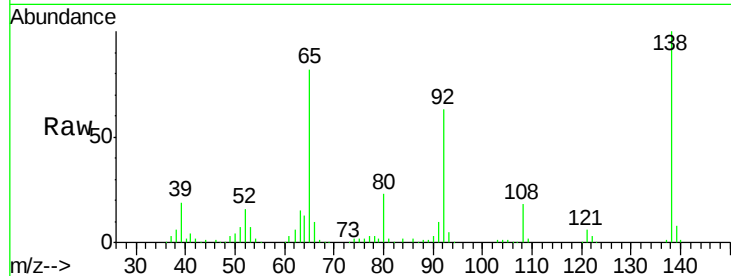
#47
 2-Nitroaniline
 Concen: 45.63 ng
 RT: 9.46 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.6	55.4	83.2
138	121.4	75.7	113.5

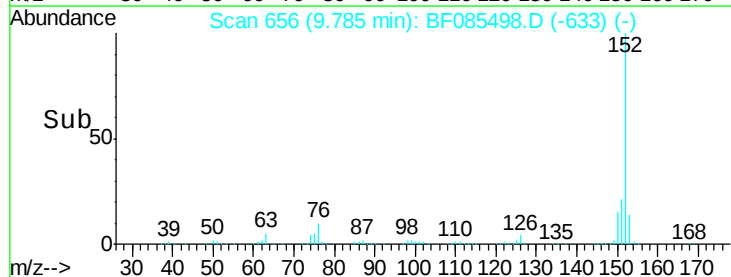
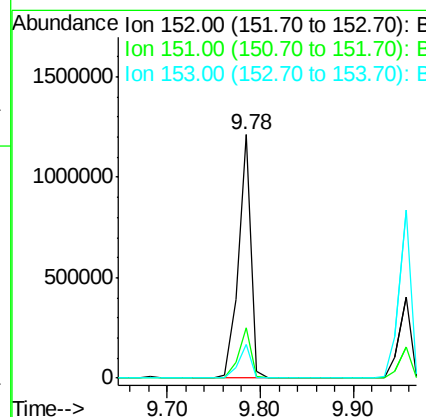
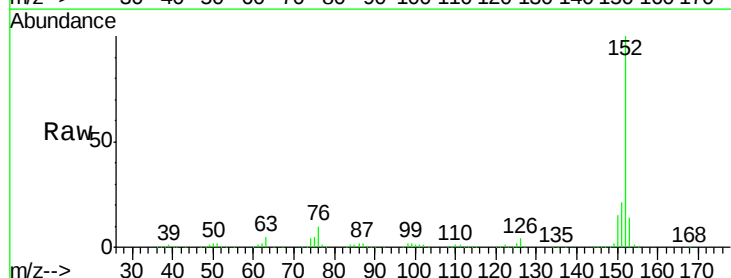
Manual Integrations
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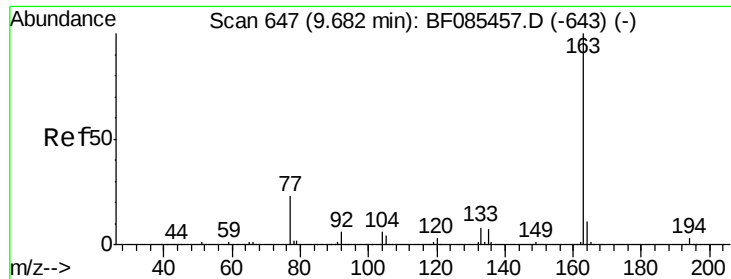
UMANGI
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#48
 Acenaphthylene
 Concen: 41.95 ng
 RT: 9.78 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.5	26.3
153	13.6	11.3	16.9





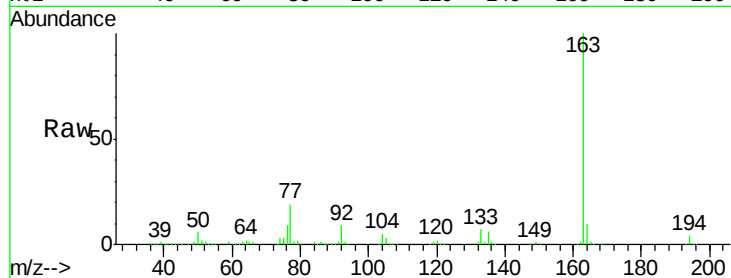
#49
Dimethylphthalate
Concen: 41.26 ng
RT: 9.65 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	824642		
194	3.7		3.1	4.7
164	10.2		8.2	12.4

Manual Integrations
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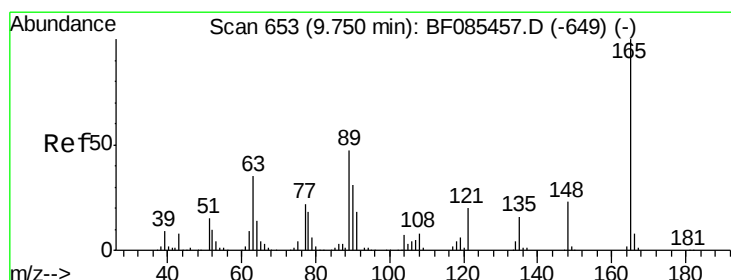
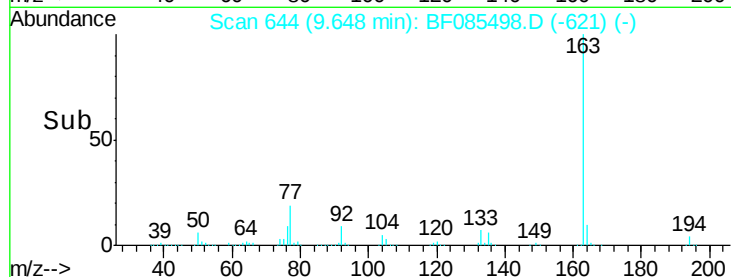
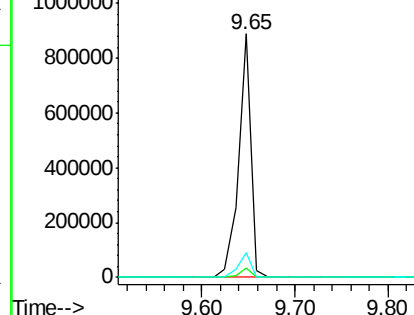


Abundance

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: 36.75 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

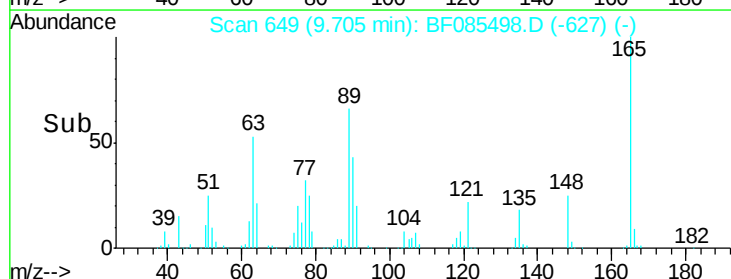
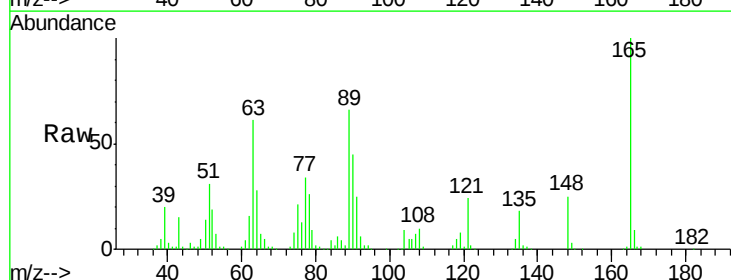
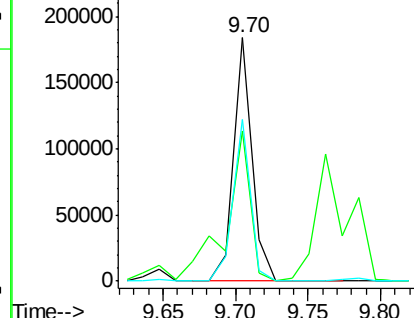
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	162267		
63	61.5		41.8	62.8
89	66.5		46.7	70.1

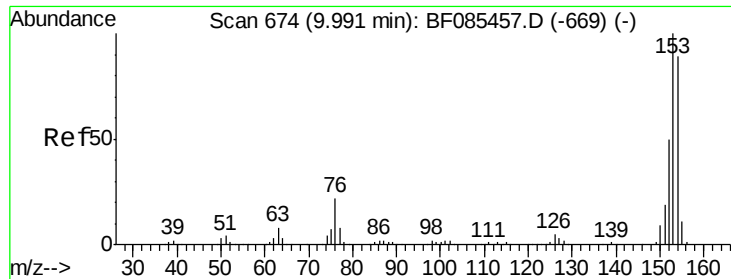
Abundance

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





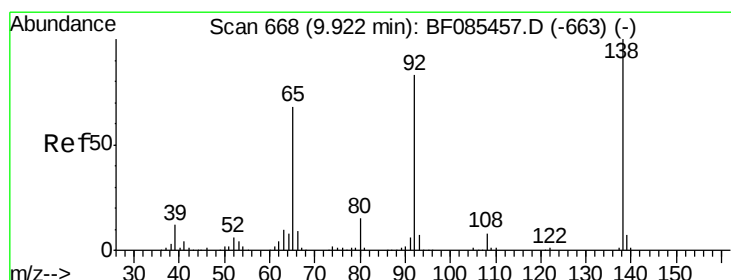
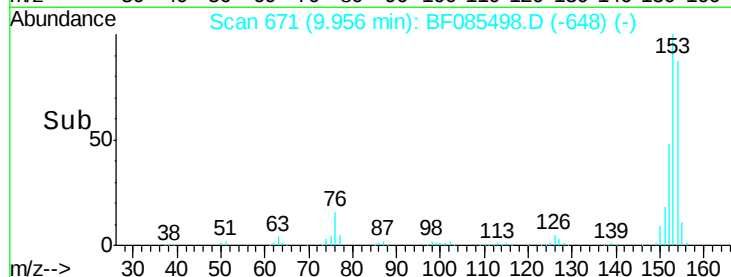
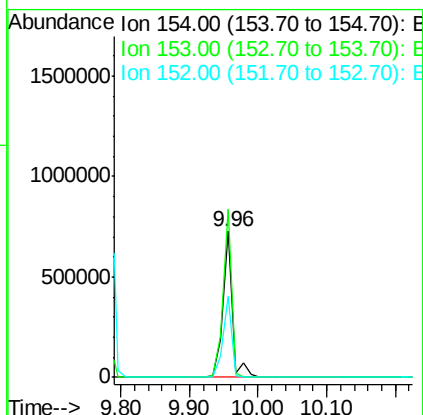
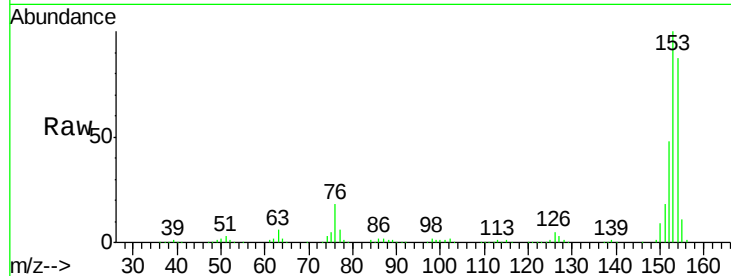
#51
Acenaphthene
Concen: 41.66 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	709793		
153	114.8	89.8	134.8	
152	55.4	44.6	66.8	

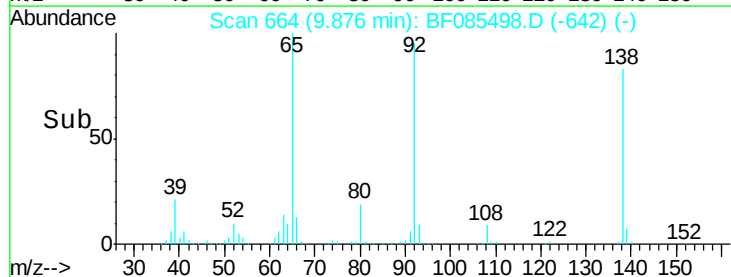
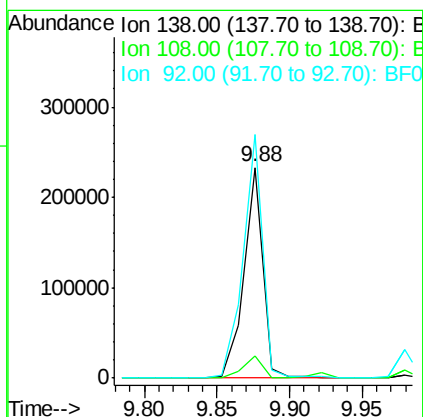
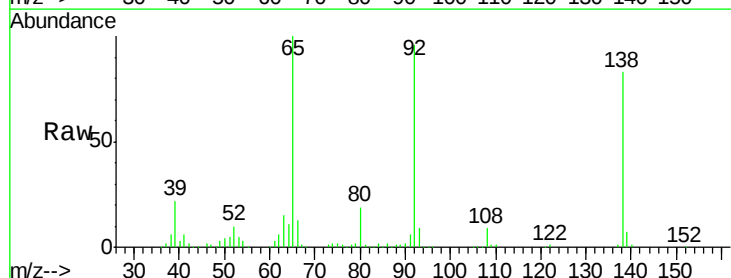
Manual Integrations
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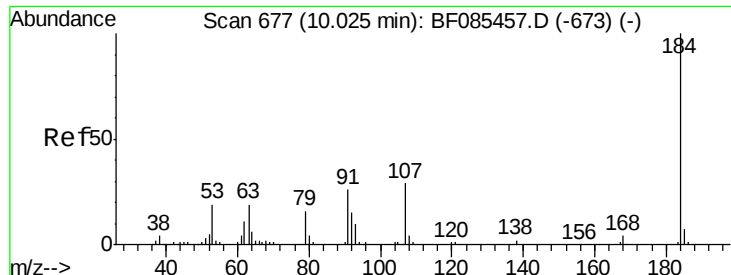
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#52
3-Nitroaniline
Concen: 40.13 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	211897		
108	10.5	7.8	11.6	
92	115.4	81.3	121.9	





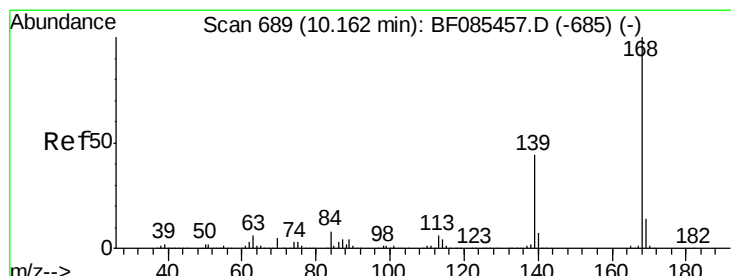
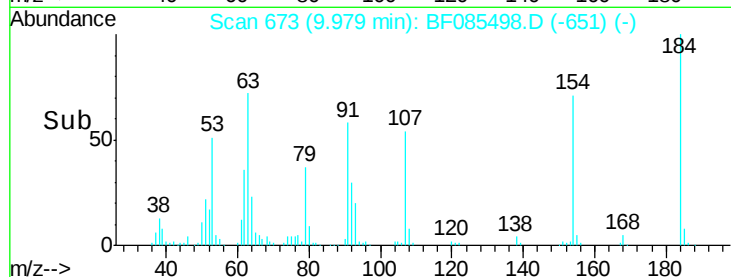
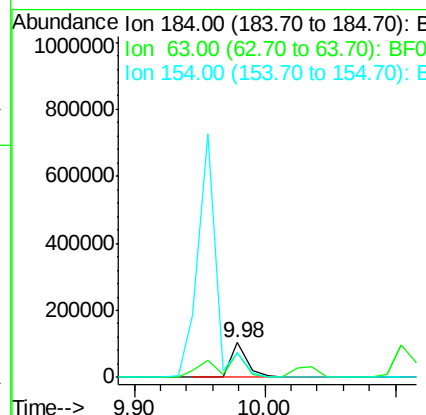
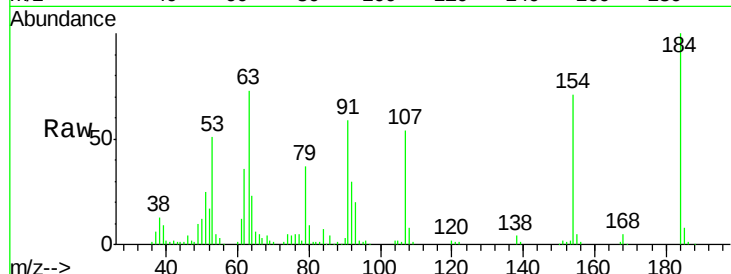
#53
2,4-Dinitrophenol
Concen: 42.19 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.04 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	93440		
63	72.9	82.2	123.4#	
154	70.8	108.9	163.3#	

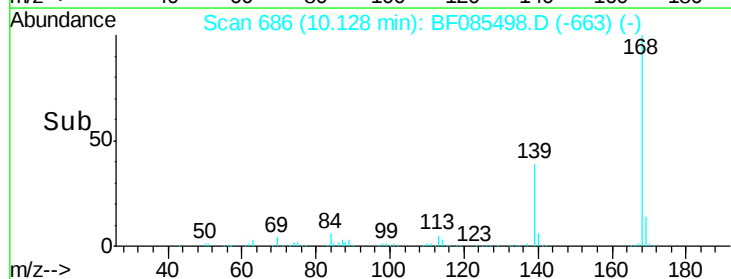
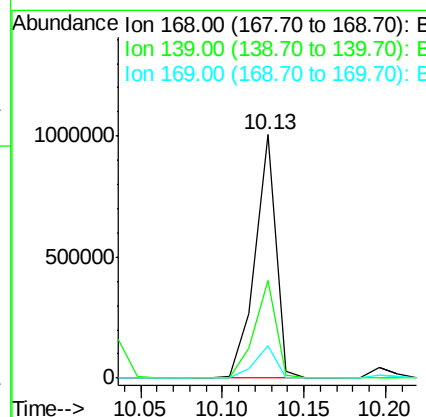
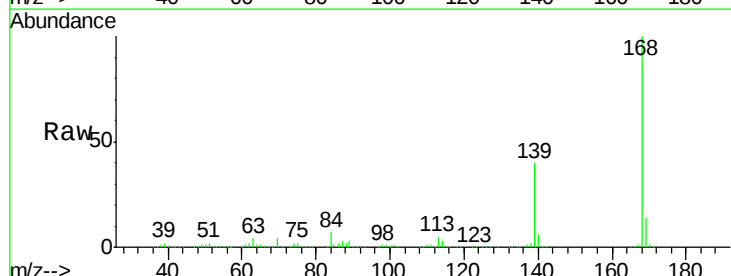
Manual Integrations
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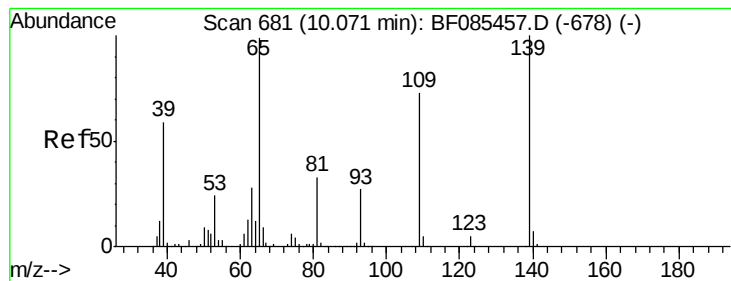
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#54
Dibenzofuran
Concen: 43.13 ng
RT: 10.13 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	902832		
139	39.9	33.6	50.4	
169	13.5	11.2	16.8	





#55

4-Nitrophenol

Concen: 47.41 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

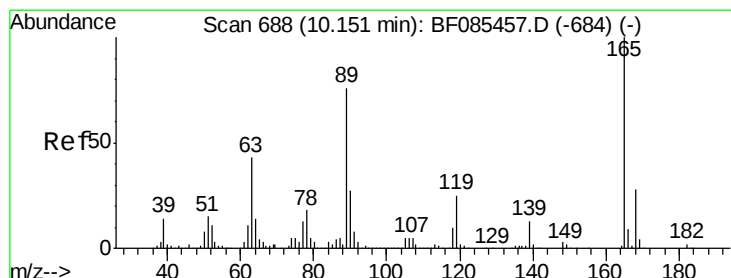
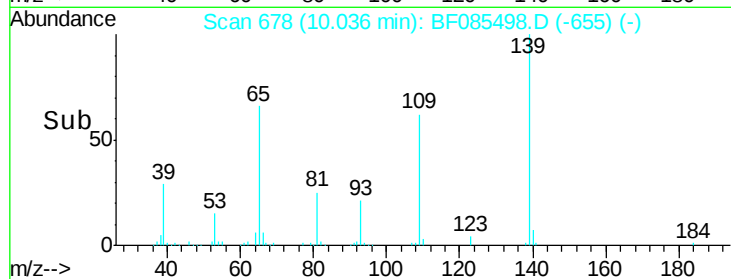
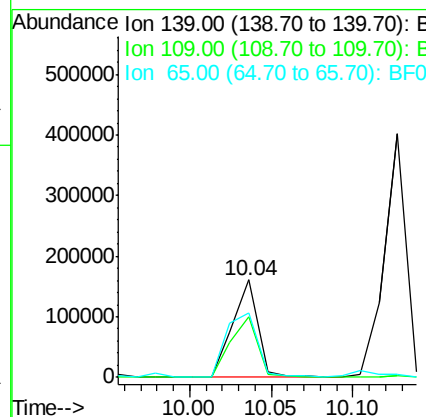
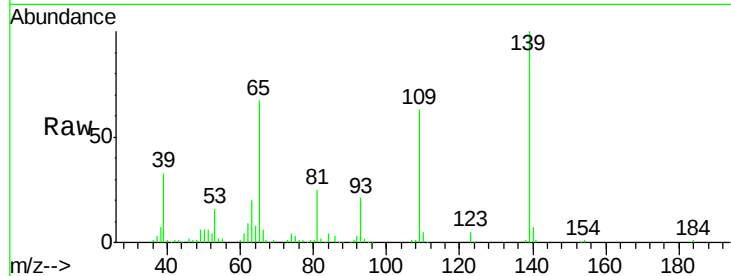
ClientSampled :

SSTDCCC040

Tgt Ion:	139	Resp:	172301
Ion Ratio	Lower	Upper	
139	100		
109	62.8	41.9	81.9
65	66.6	48.3	88.3

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 40.65 ng

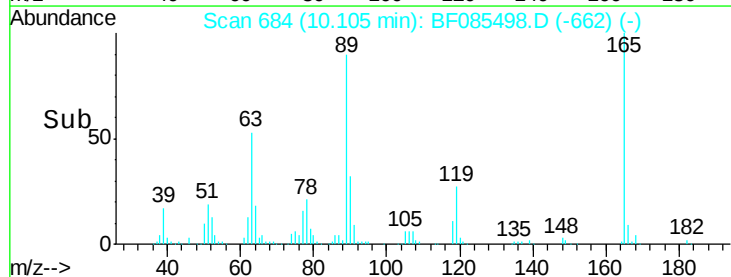
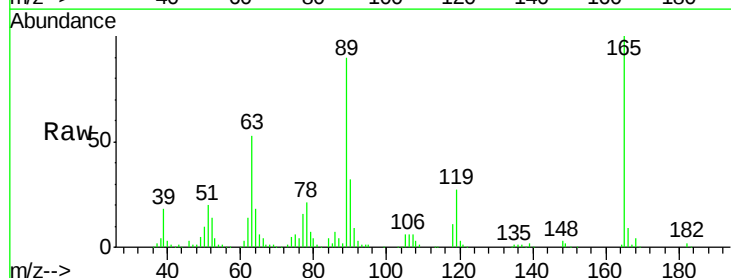
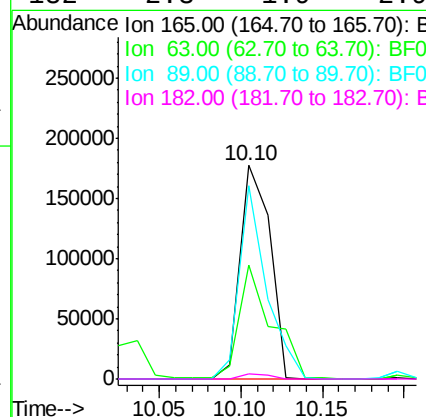
RT: 10.10 min Scan# 684

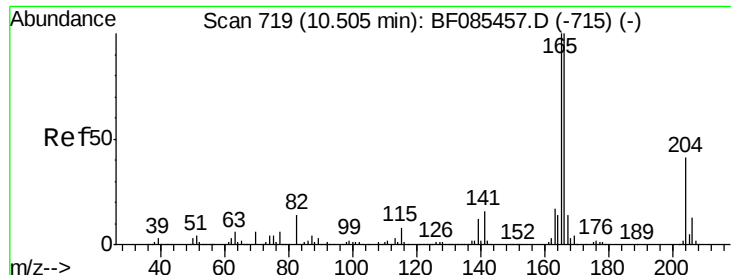
Delta R.T. -0.05 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Tgt Ion:	165	Resp:	225116
Ion Ratio	Lower	Upper	
165	100		
63	53.5	35.4	53.0#
89	90.5	61.9	92.9
182	2.3	1.9	2.9





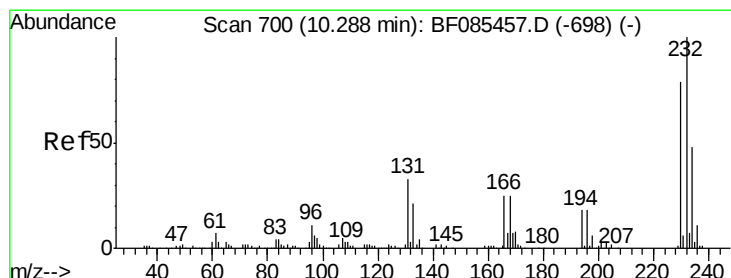
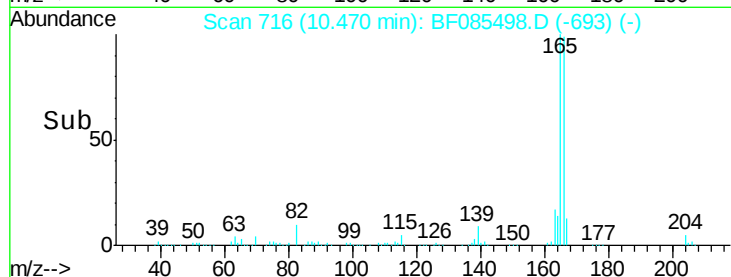
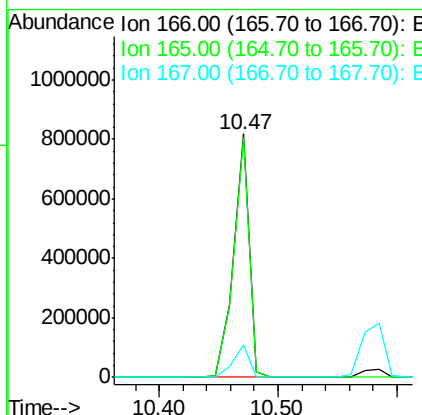
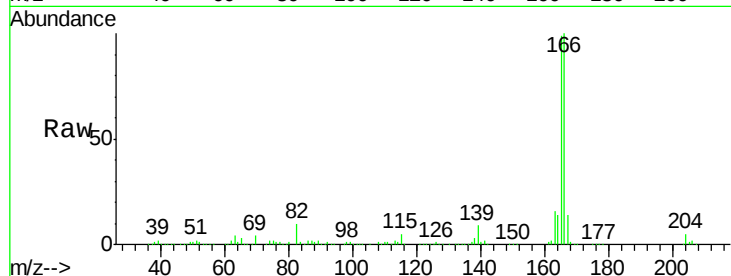
#57
 Fluorene
 Concen: 44.89 ng
 RT: 10.47 min Scan# 716
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	749291		
165	98.7	79.4	119.0	
167	13.5	11.0	16.6	

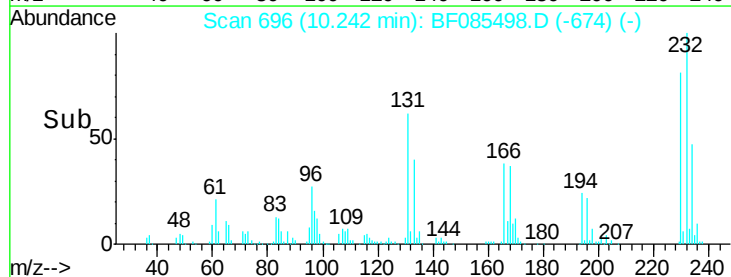
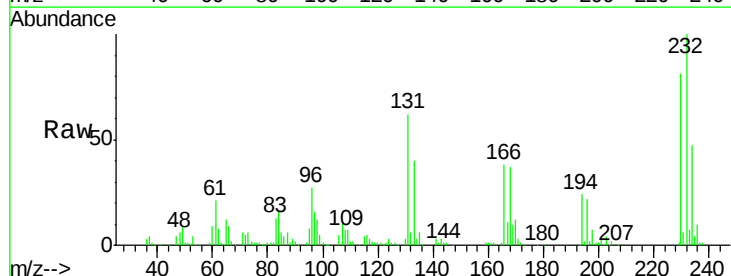
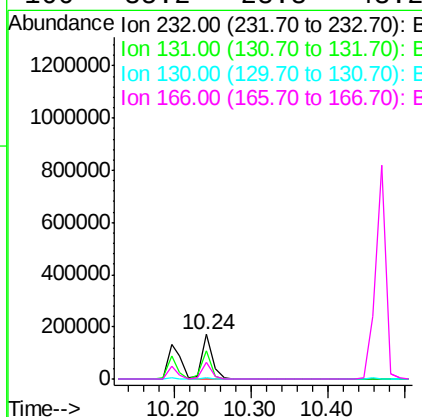
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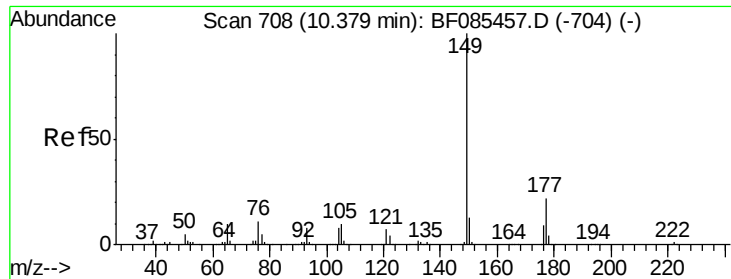
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.80 ng
 RT: 10.24 min Scan# 696
 Delta R.T. -0.05 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	159216		
131	56.9	46.0	69.0	
130	3.0	2.2	3.4	
166	35.2	28.8	43.2	





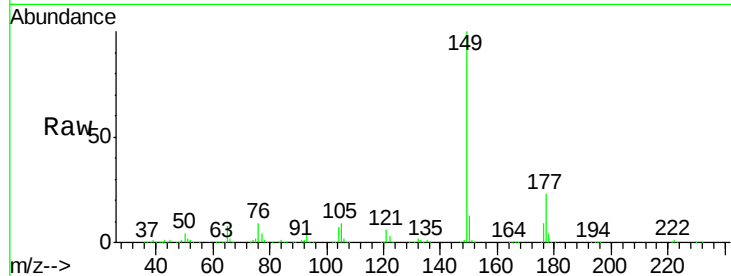
#59
Diethylphthalate
Concen: 42.63 ng
RT: 10.34 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

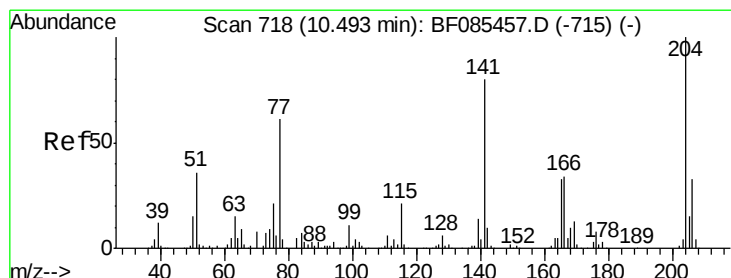
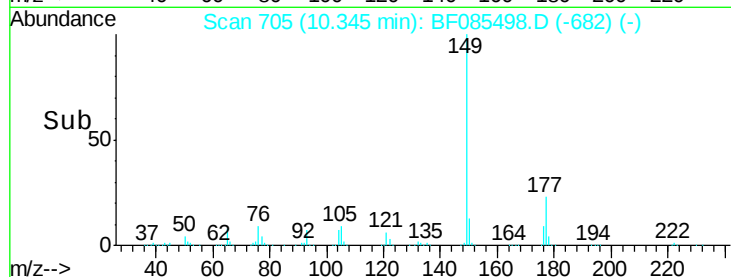
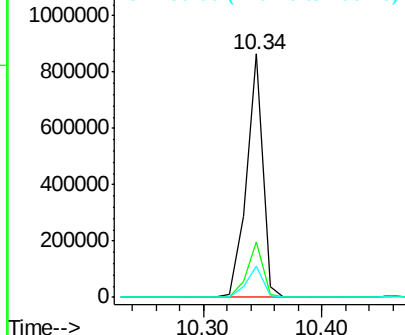
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	824782		
177	23.0	19.2	28.8	
150	12.8	9.9	14.9	

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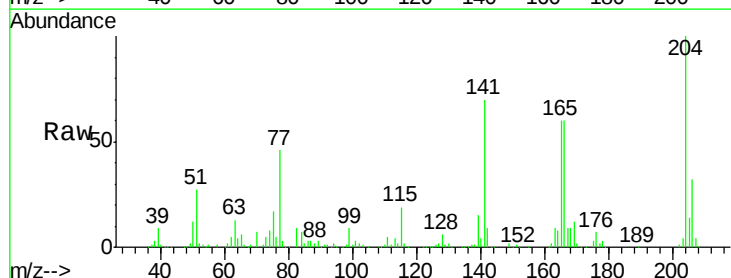


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

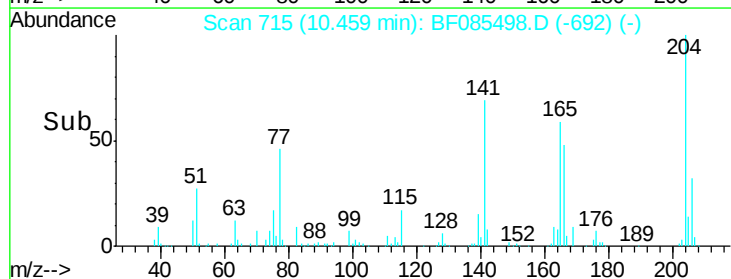
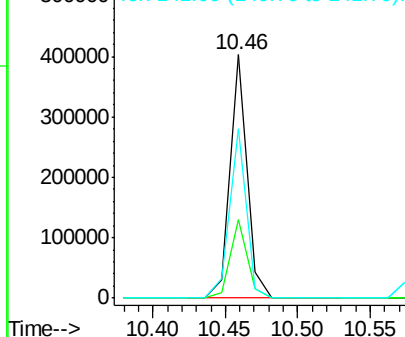


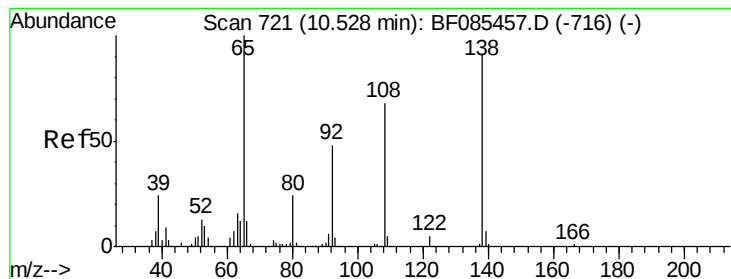
#60
4-Chlorophenyl-phenylether
Concen: 38.33 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	328737		
206	32.3	26.5	39.7	
141	69.7	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: 44.31 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.03 min

Lab File: BF085498.D

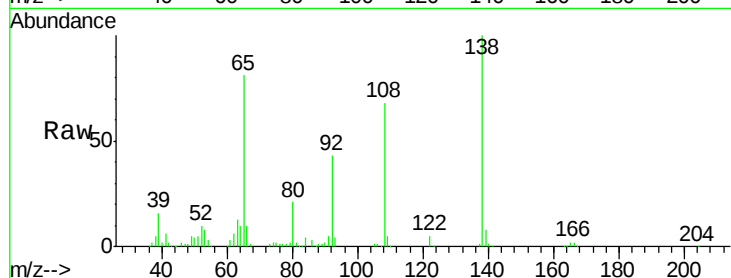
Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:138 Resp: 219930

Ion Ratio Lower Upper

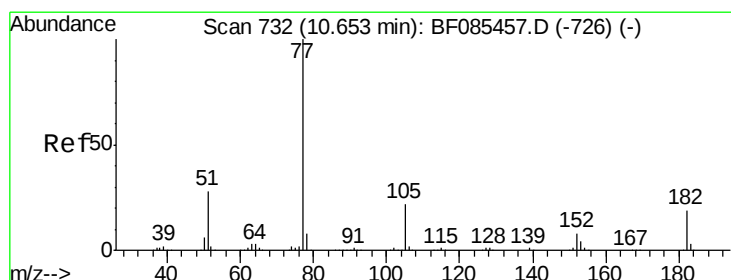
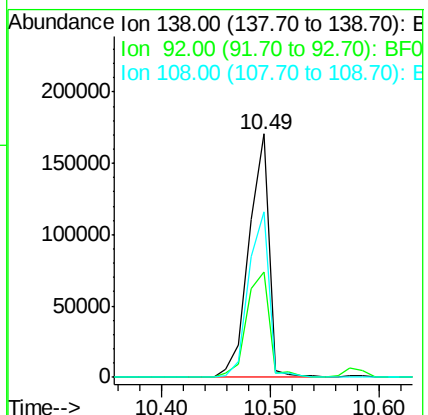
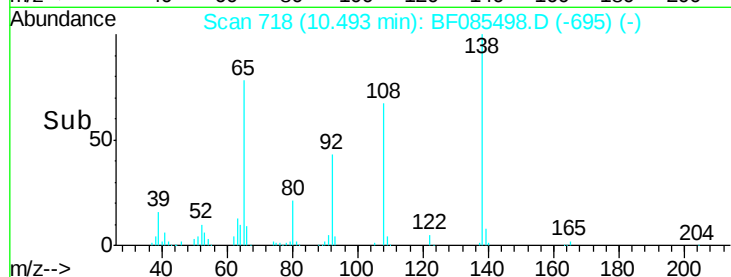
138 100

92 43.5 34.2 74.2

108 68.1 53.9 93.9

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#62

Azobenzene

Concen: 41.33 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Tgt Ion: 77 Resp: 794005

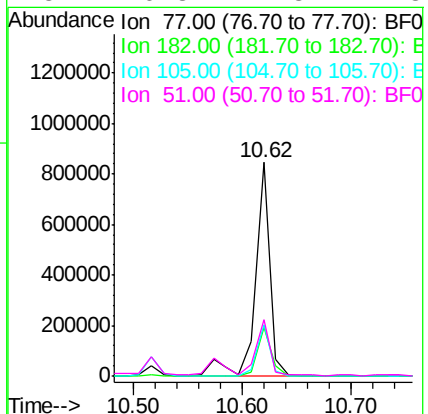
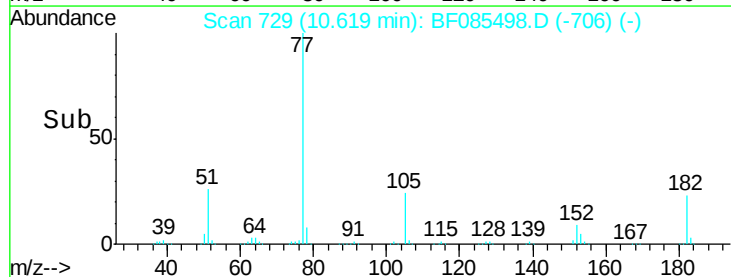
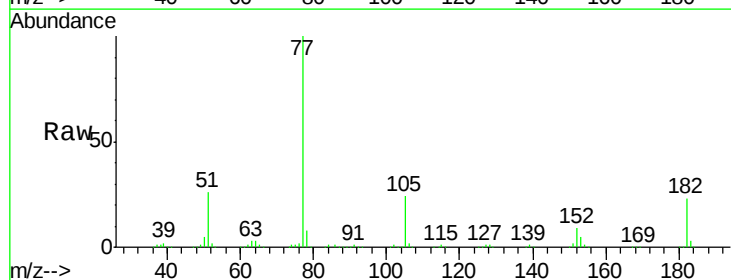
Ion Ratio Lower Upper

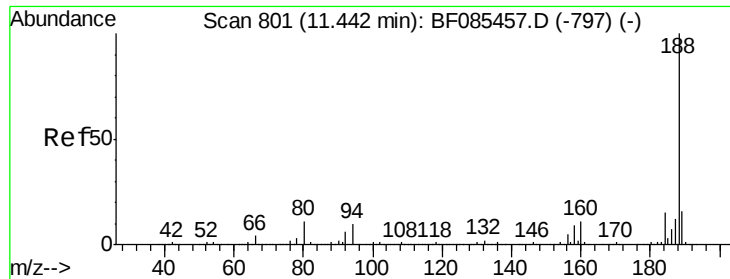
77 100

182 22.7 2.1 42.1

105 23.9 3.8 43.8

51 26.3 7.8 47.8





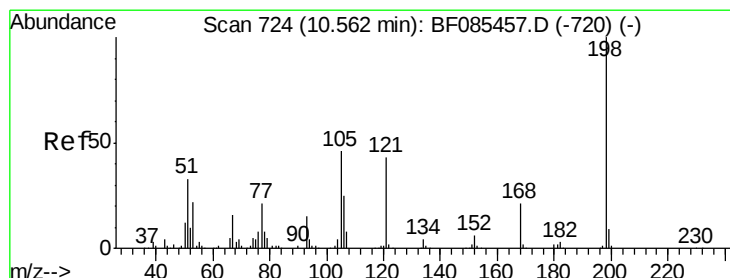
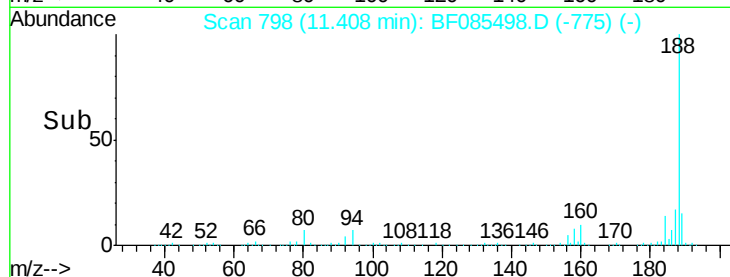
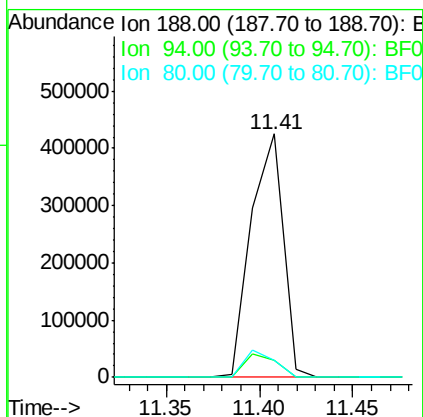
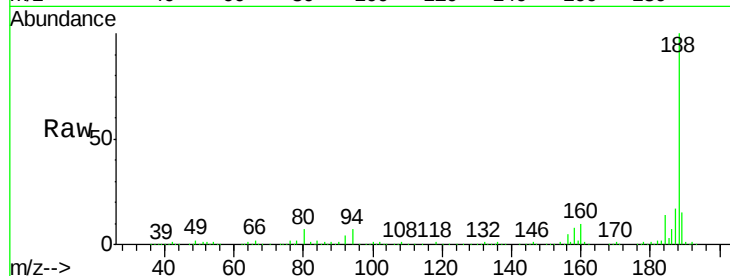
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.1	7.0	10.6
80	7.0	7.4	11.0

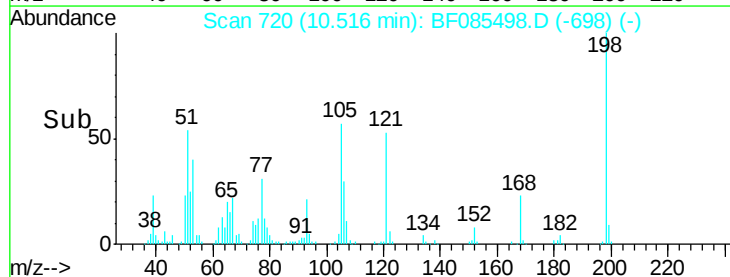
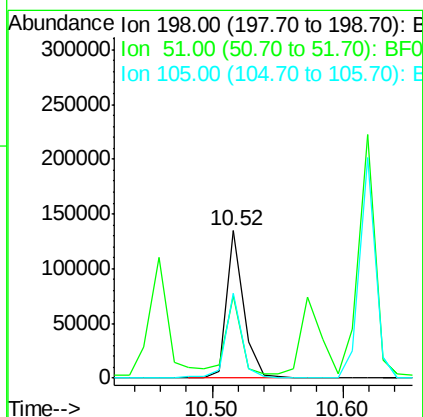
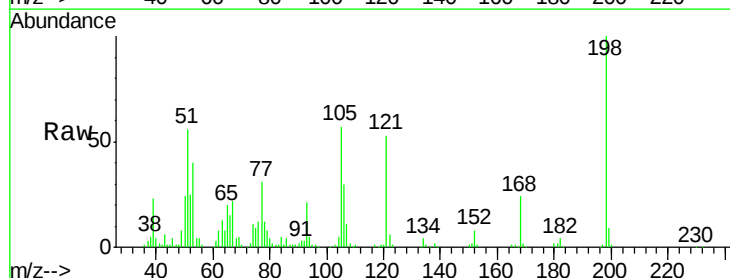
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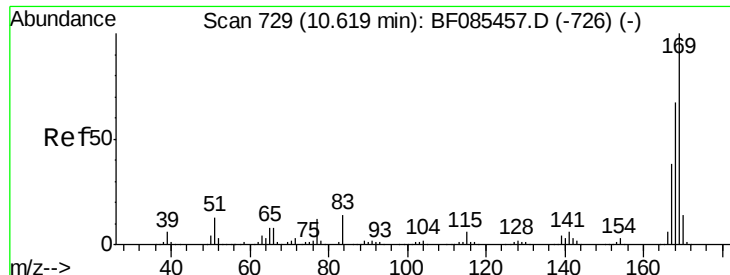
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.24 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.04 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	56.4	9.5	49.5
105	57.4	20.5	60.5





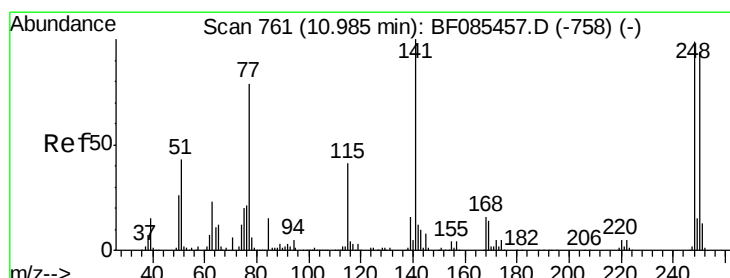
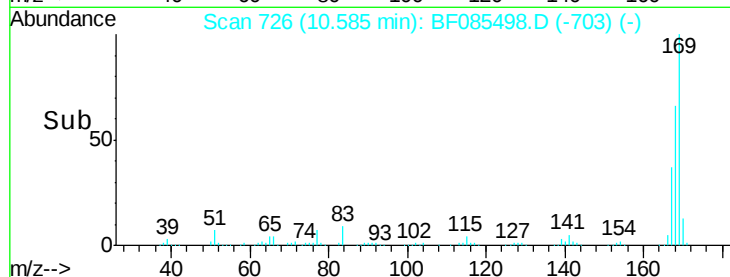
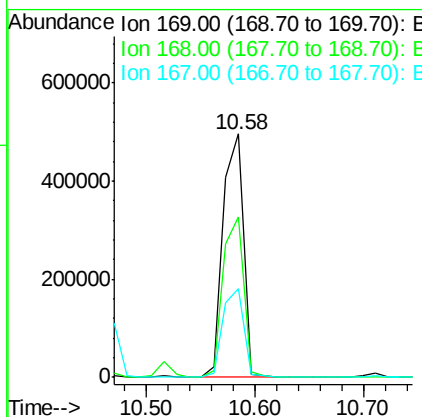
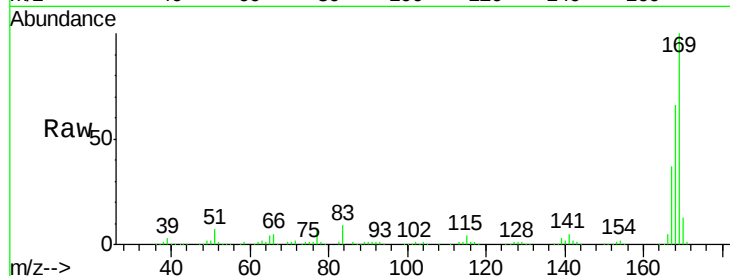
#65
n-Nitrosodiphenylamine
Concen: 41.00 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	643693		
168	66.0	54.8	82.2	
167	36.6	30.3	45.5	

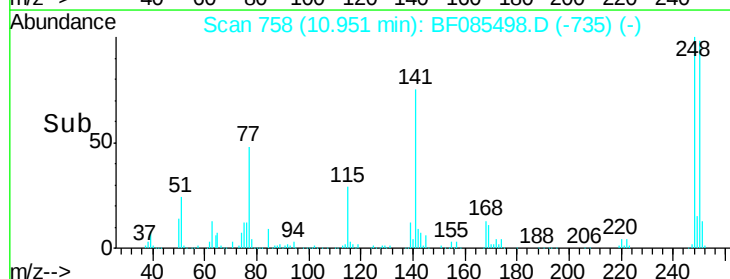
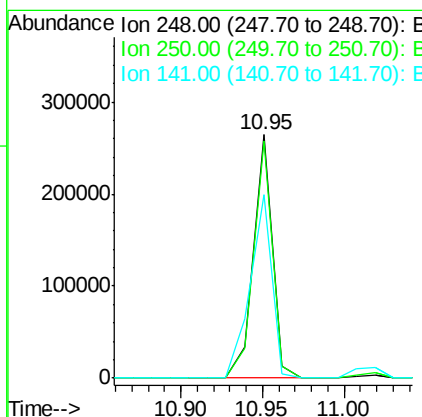
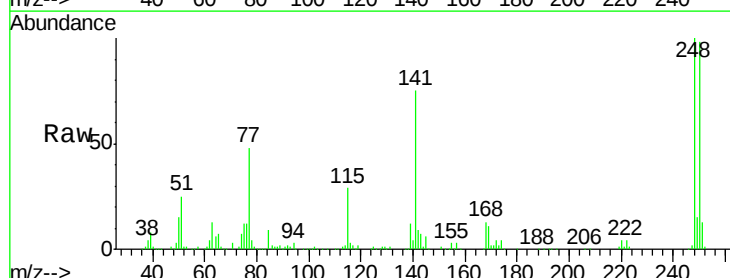
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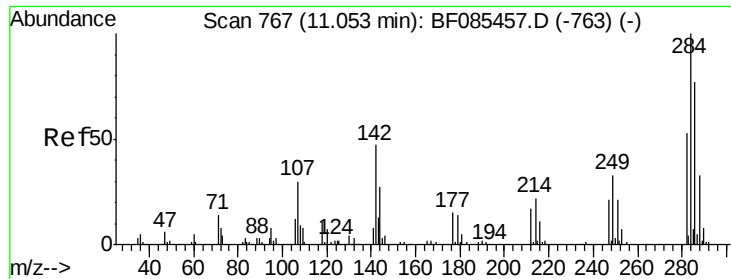
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#66
4-Bromophenyl-phenylether
Concen: 41.71 ng
RT: 10.95 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	215030		
250	97.6	77.1	115.7	
141	75.1	66.2	99.2	





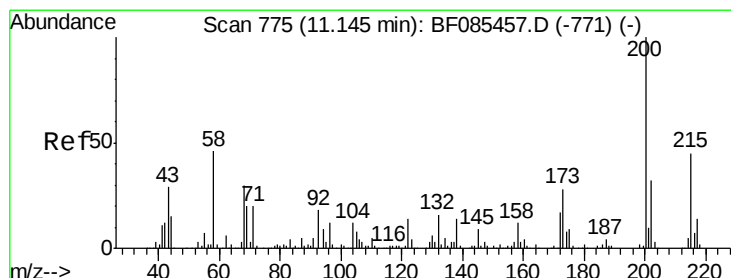
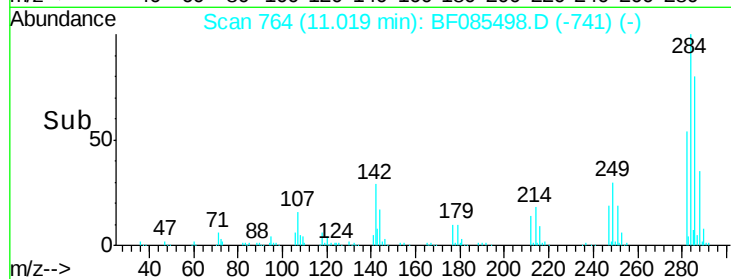
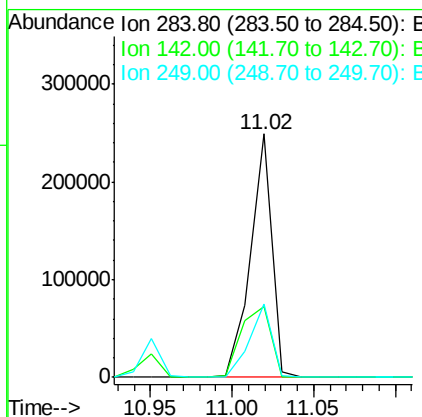
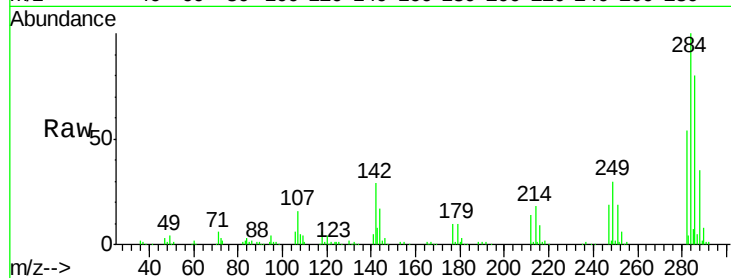
#67
Hexachlorobenzene
Concen: 42.58 ng
RT: 11.02 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	226534		
142	28.9	24.9	37.3	
249	30.3	25.0	37.4	

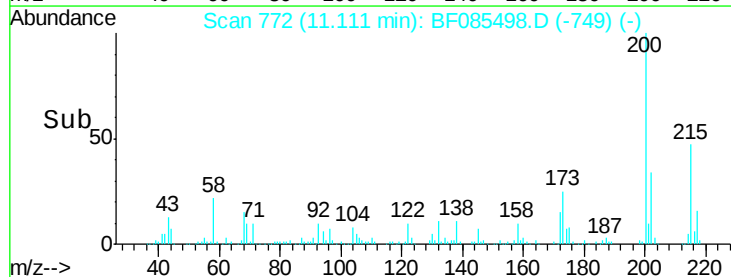
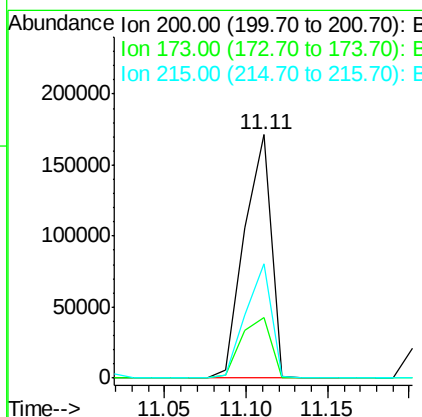
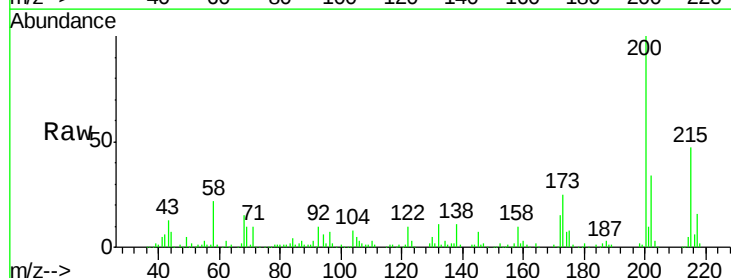
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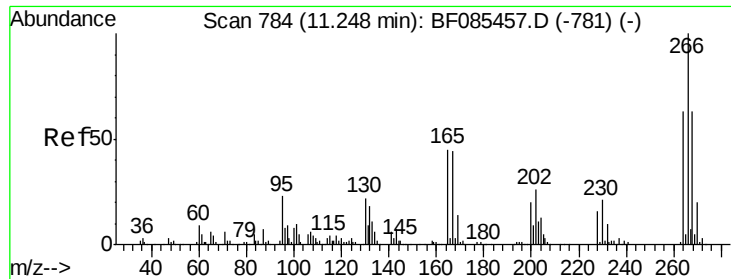
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#68
Atrazine
Concen: 43.49 ng
RT: 11.11 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	195378		
173	25.1	10.5	50.5	
215	46.7	23.4	63.4	





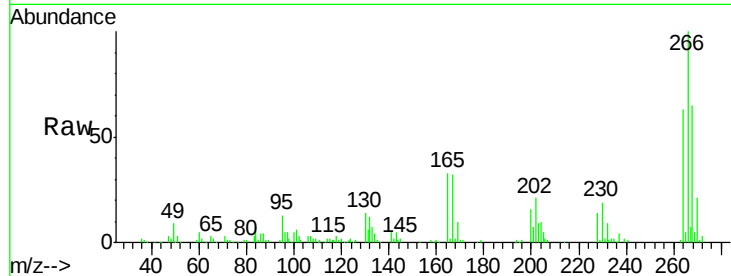
#69
 Pentachlorophenol
 Concen: 46.38 ng
 RT: 11.21 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

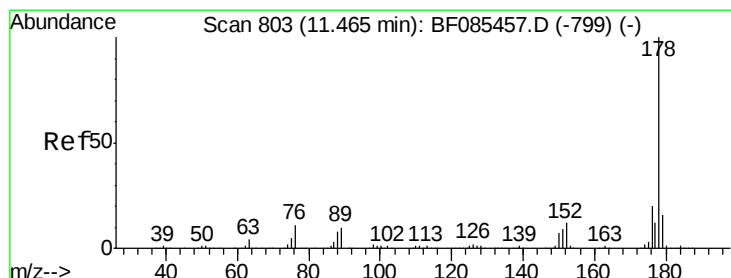
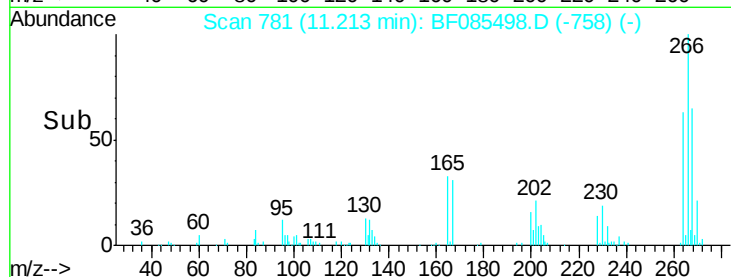
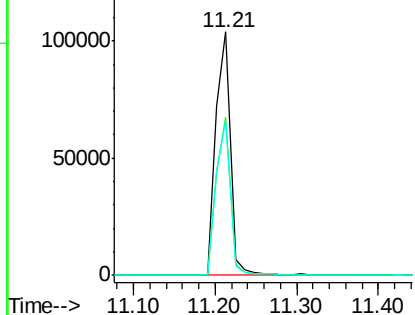
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	130780		
268	64.8	50.0	75.0	
264	63.1	51.4	77.2	

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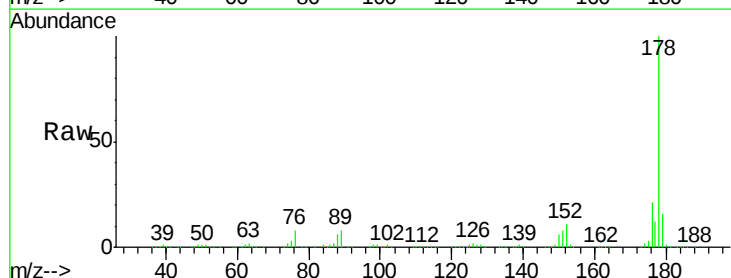


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

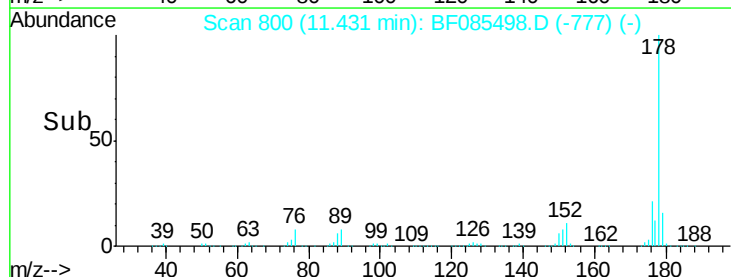
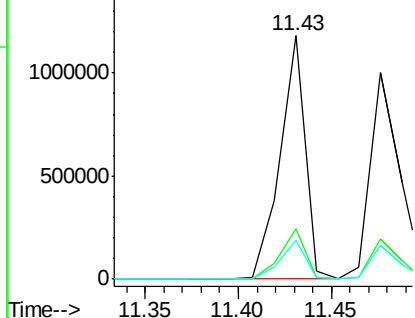


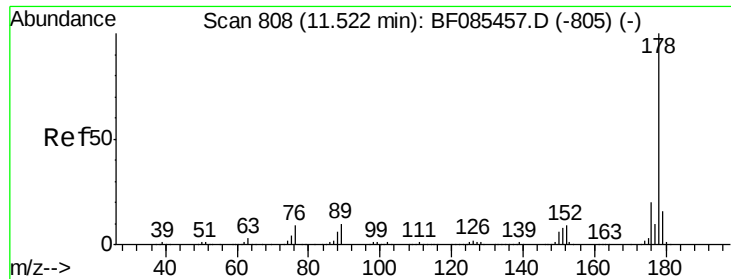
#70
 Phenanthrene
 Concen: 41.62 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1104329		
176	20.5	16.8	25.2	
179	16.1	13.1	19.7	



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





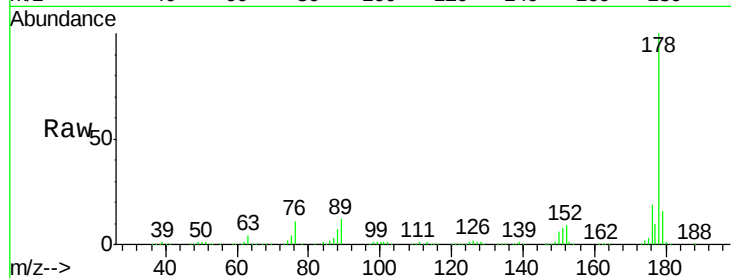
#71
 Anthracene
 Concen: 39.36 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

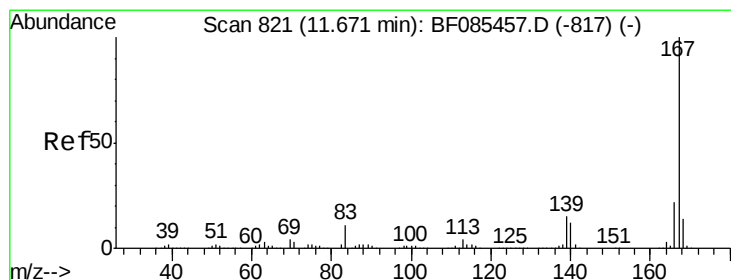
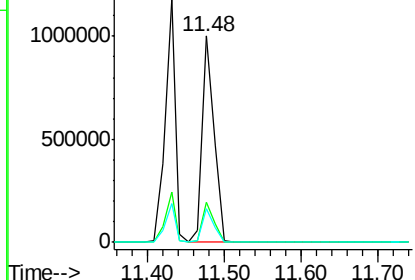
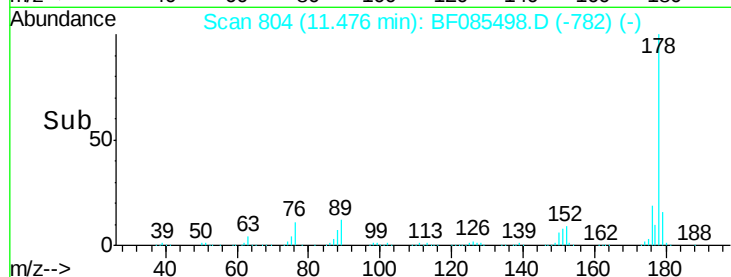
Tgt Ion:178 Resp: 1063724
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 16.2 12.5 18.7

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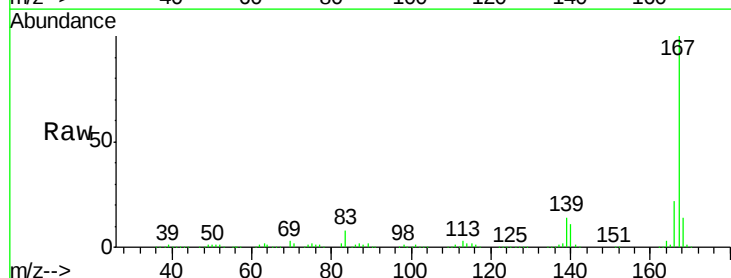


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

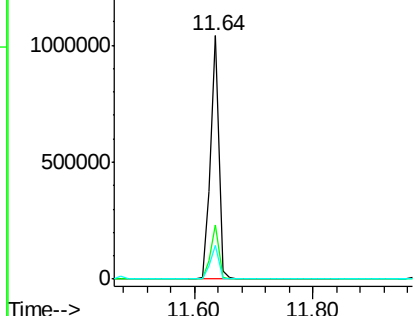
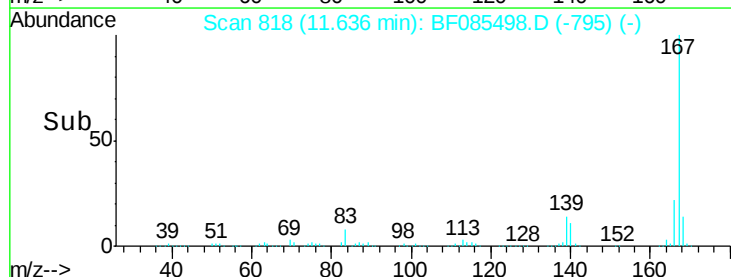


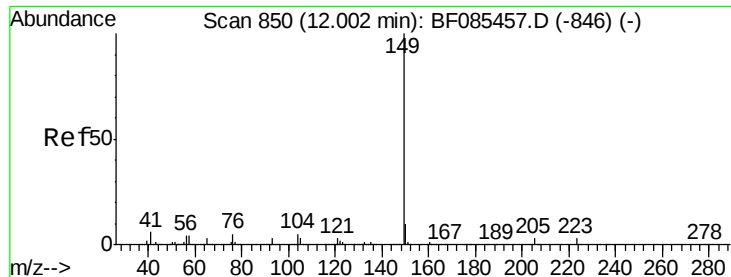
#72
 Carbazole
 Concen: 44.20 ng
 RT: 11.64 min Scan# 818
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Tgt Ion:167 Resp: 1010788
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 14.0 11.4 17.0



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





#73

Di-n-butylphthalate

Concen: 46.36 ng

RT: 11.97 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1313344

Ion Ratio Lower Upper

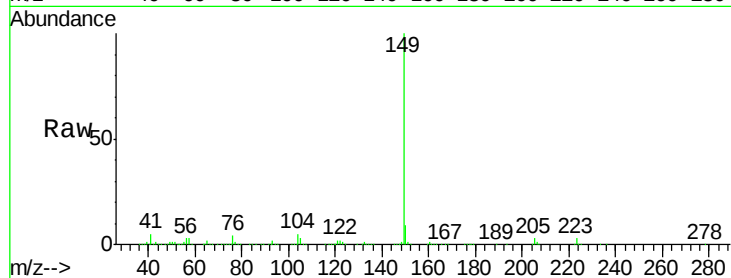
149 100

150 9.3 7.8 11.6

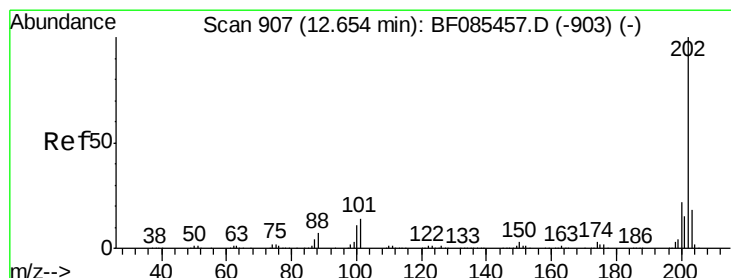
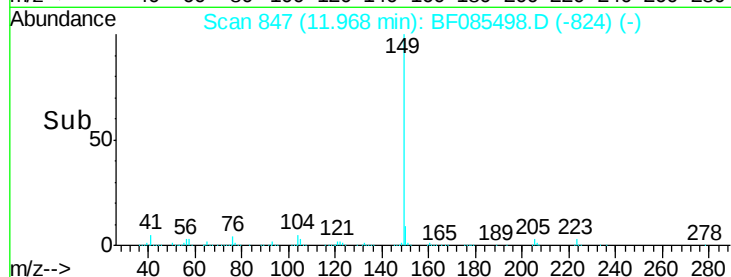
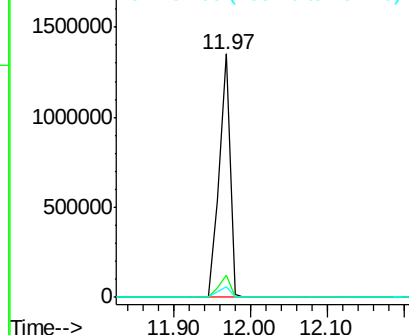
104 4.5 4.7 7.1#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.13 ng

RT: 12.62 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

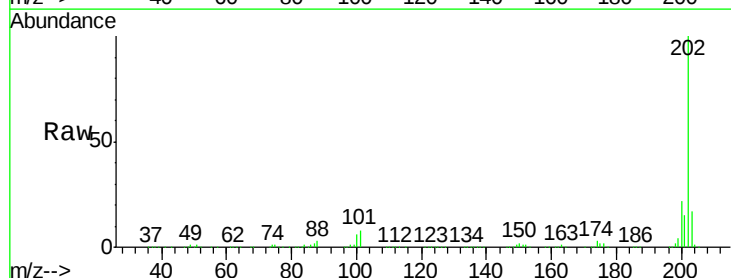
Tgt Ion:202 Resp: 1150643

Ion Ratio Lower Upper

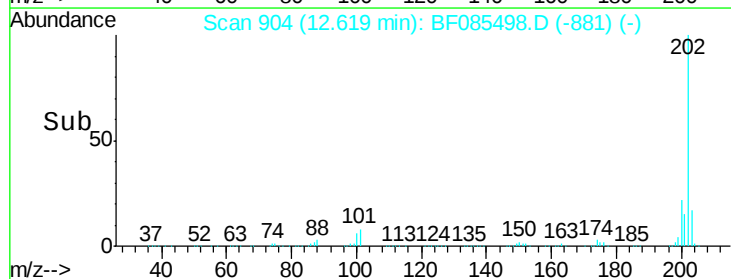
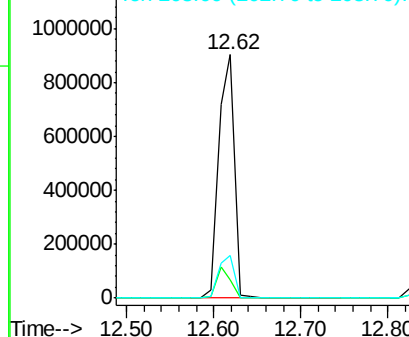
202 100

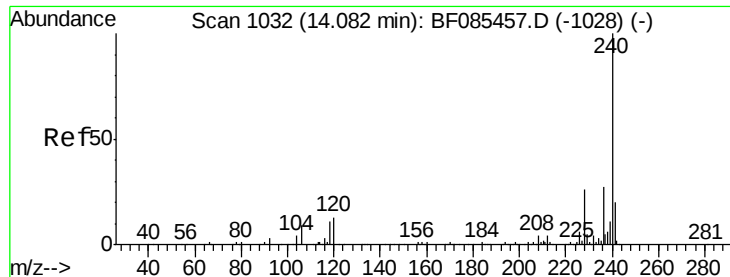
101 7.7 0.0 31.8

203 17.4 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

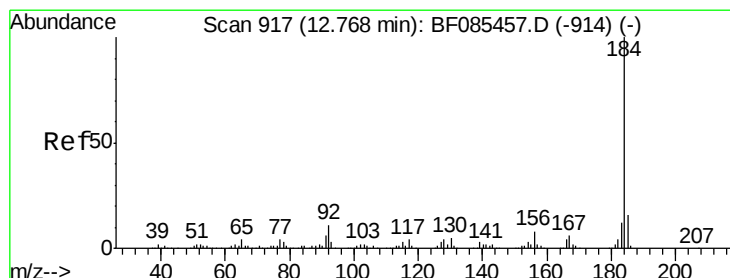
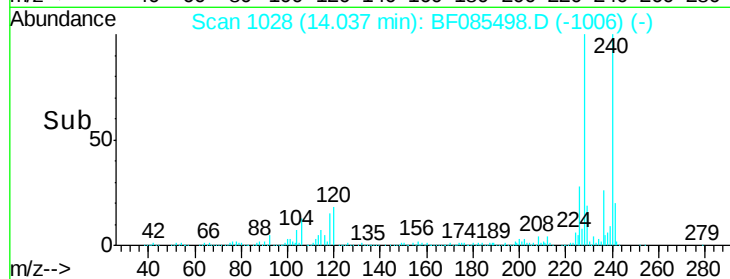
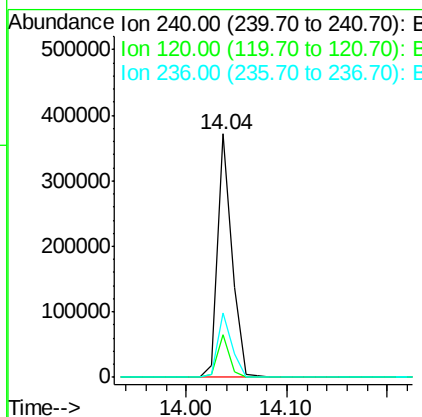
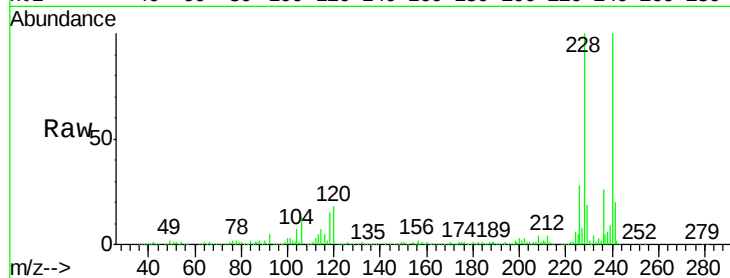
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	368176		
120	17.7	5.3	7.9#	
236	26.5	20.7	31.1	

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#76

Benzidine

Concen: 36.94 ng

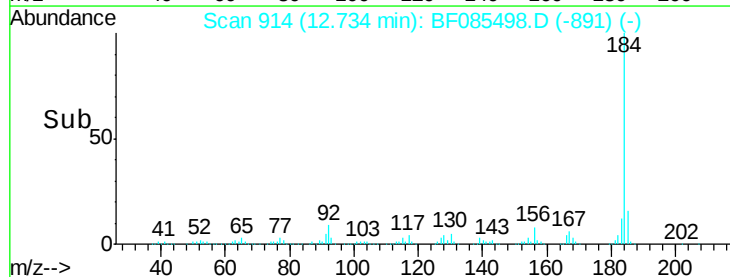
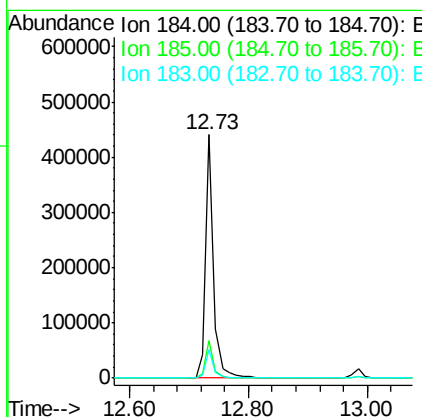
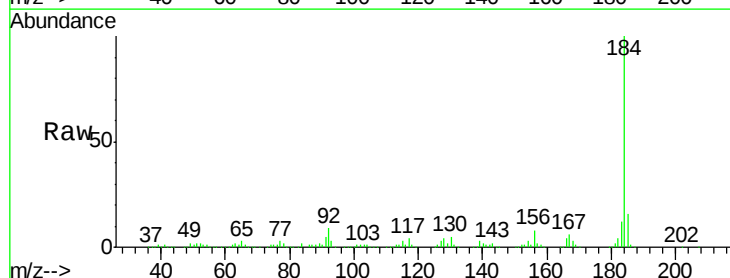
RT: 12.73 min Scan# 914

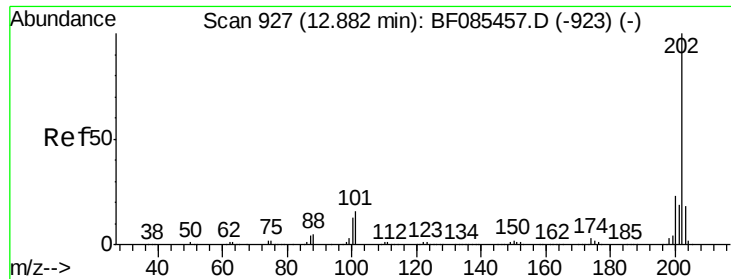
Delta R.T. -0.03 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	422465		
185	15.6	12.4	18.6	
183	11.5	9.4	14.2	





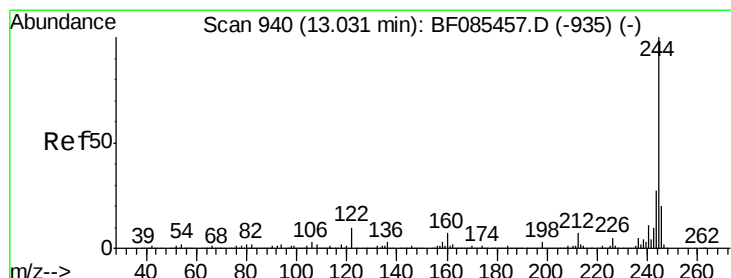
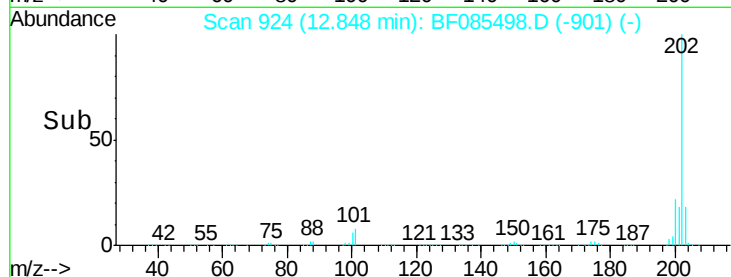
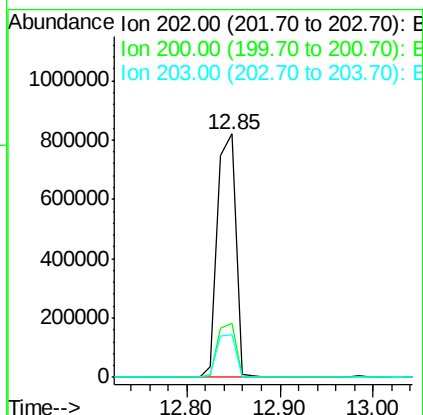
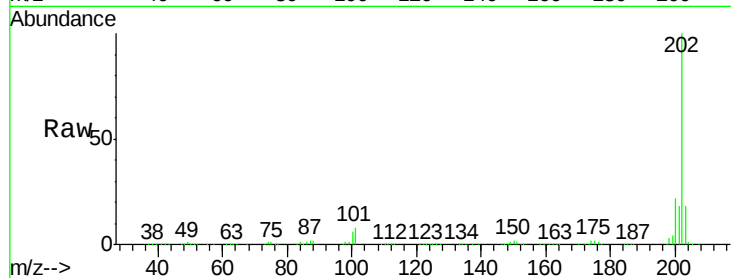
#77
 Pyrene
 Concen: 40.43 ng
 RT: 12.85 min Scan# 924
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.4
203	17.5	14.7	22.1

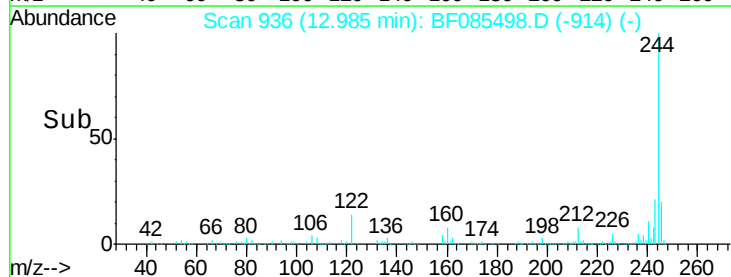
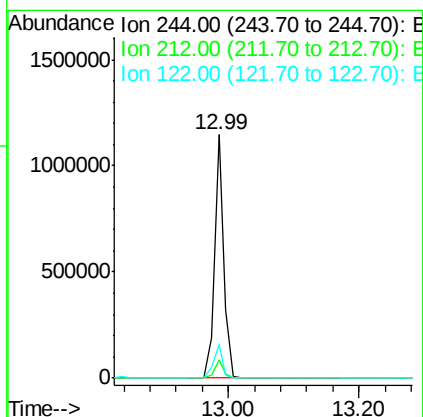
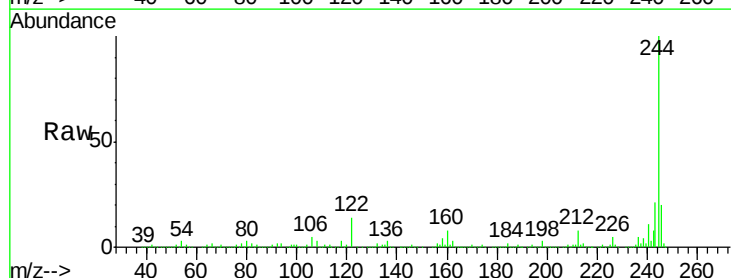
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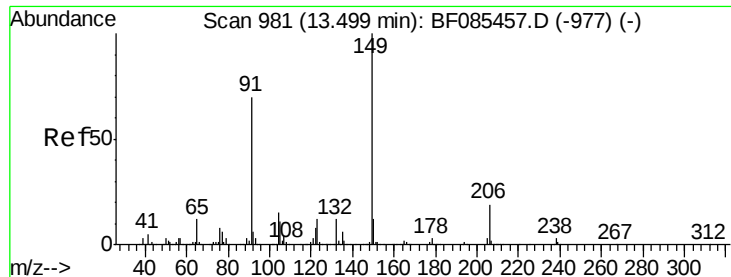
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#78
 Terphenyl-d14
 Concen: 70.78 ng
 RT: 12.99 min Scan# 936
 Delta R.T. -0.05 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	13.6	11.4	17.2





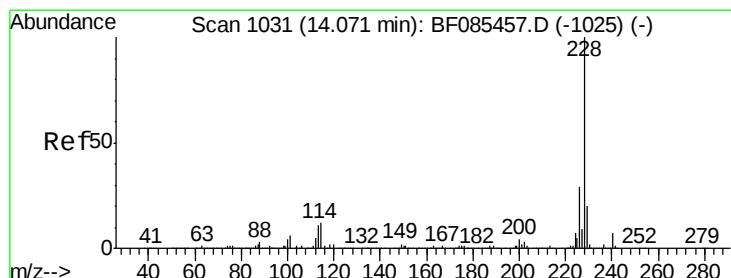
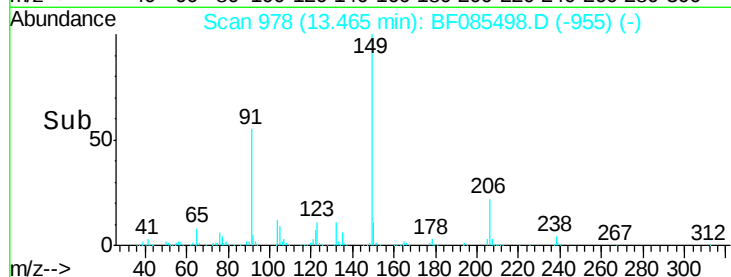
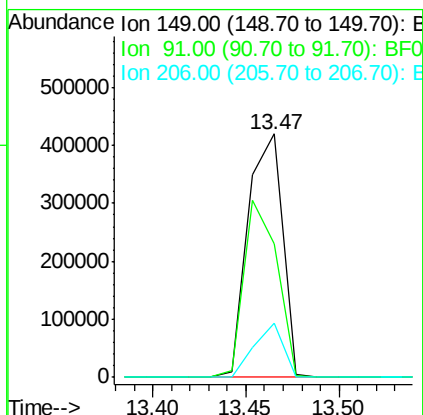
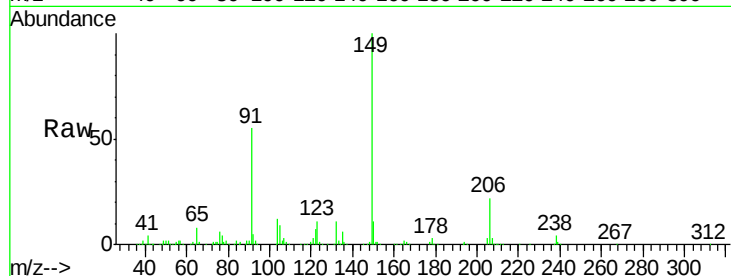
#79
Butylbenzylphthalate
Concen: 44.46 ng
RT: 13.47 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	54.7	69.0	103.4#
206	22.1	12.3	18.5#

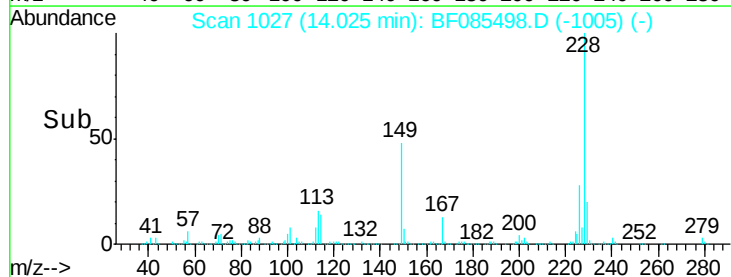
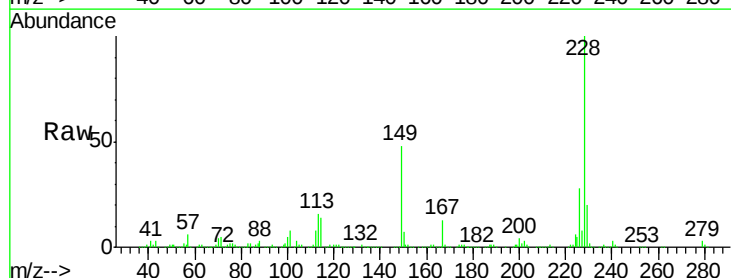
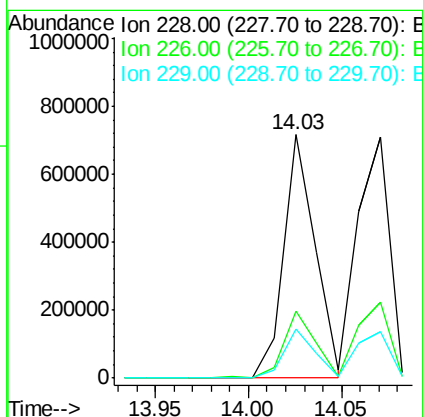
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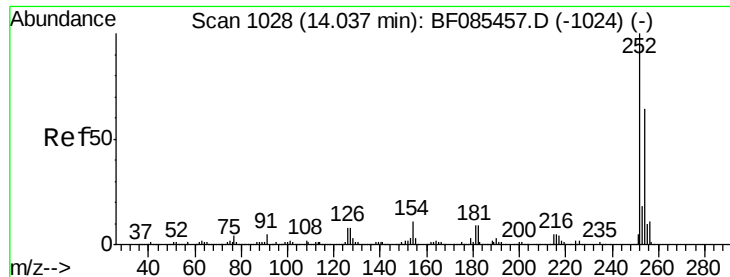
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#80
Benzo(a)anthracene
Concen: 40.11 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	22.8	34.2
229	20.0	16.6	24.8





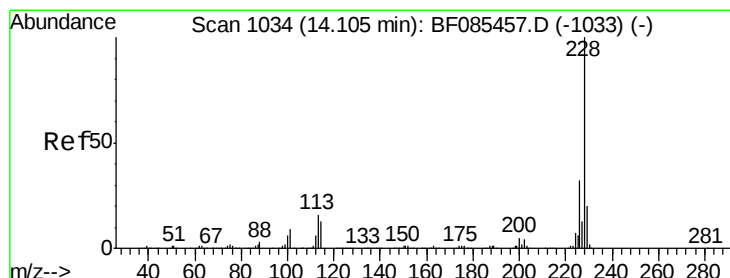
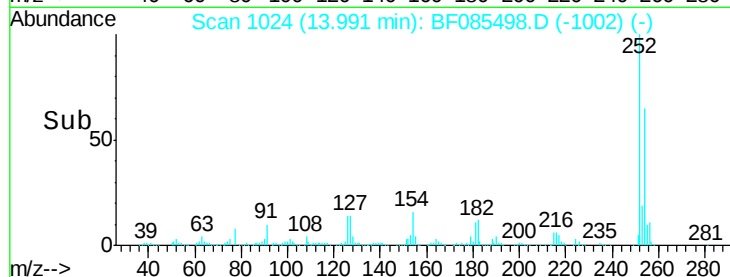
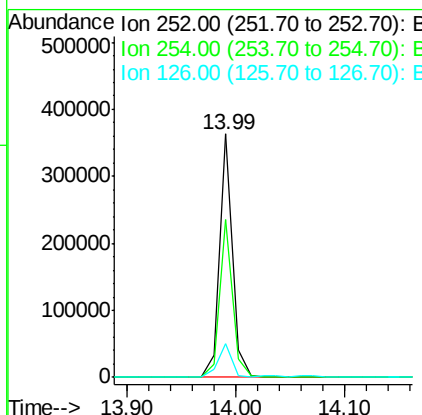
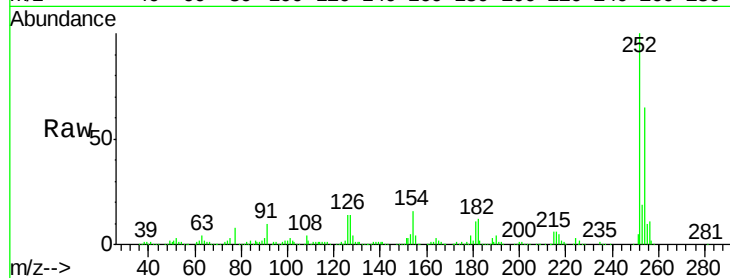
#81
 3,3'-Dichlorobenzidine
 Concen: 42.65 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.6	51.4	77.0
126	13.8	12.9	19.3

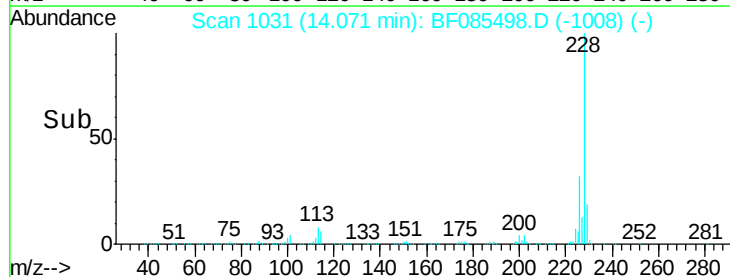
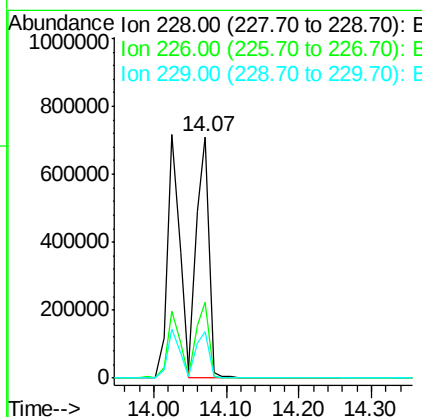
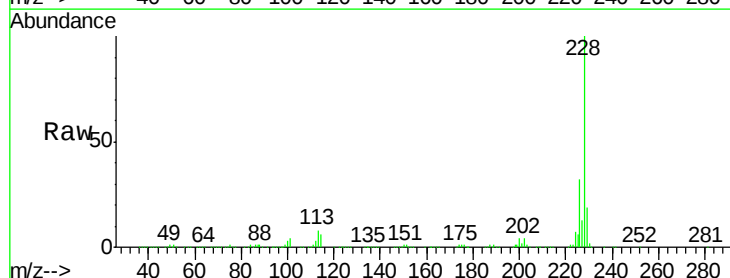
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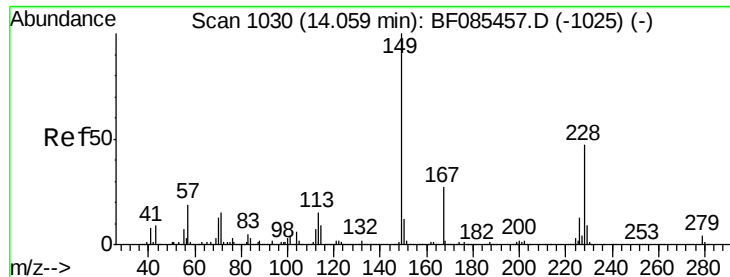
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#82
 Chrysene
 Concen: 44.79 ng
 RT: 14.07 min Scan# 1031
 Delta R.T. -0.03 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.5	25.2	37.8
229	19.4	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.73 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

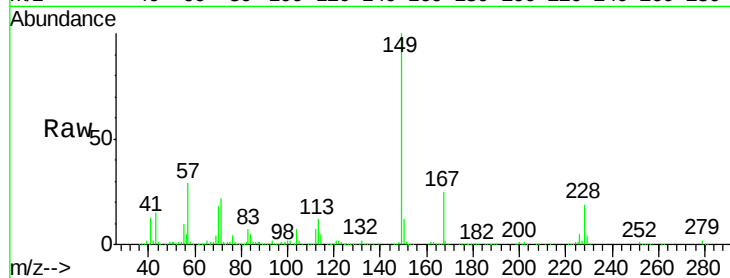
ClientSampleId :

SSTDCCC040

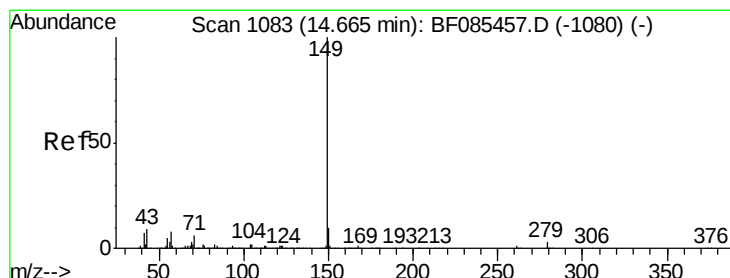
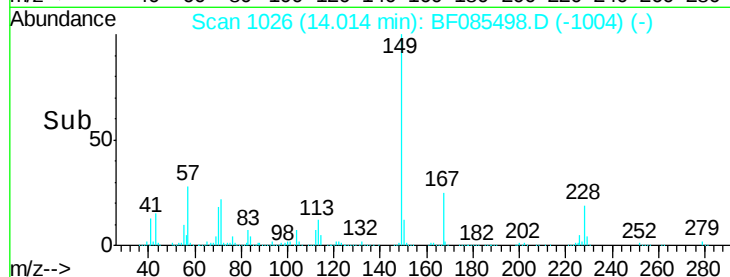
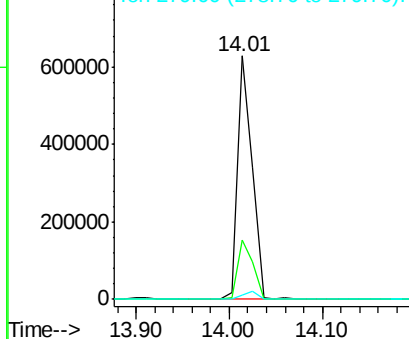
Tgt Ion:	149	Resp:	688264
Ion Ratio		Lower	Upper
149	100		
167	24.6	20.3	30.5
279	2.0	1.9	2.9

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



#84

Di-n-octyl phthalate

Concen: 54.24 ng

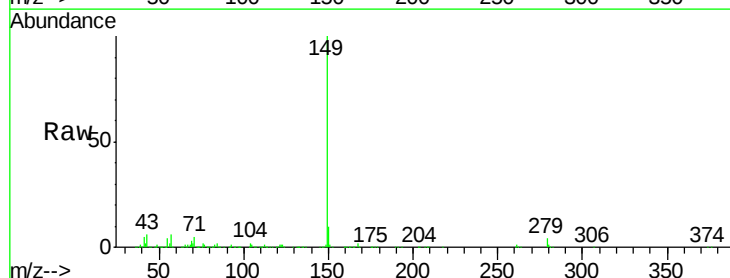
RT: 14.63 min Scan# 1080

Delta R.T. -0.03 min

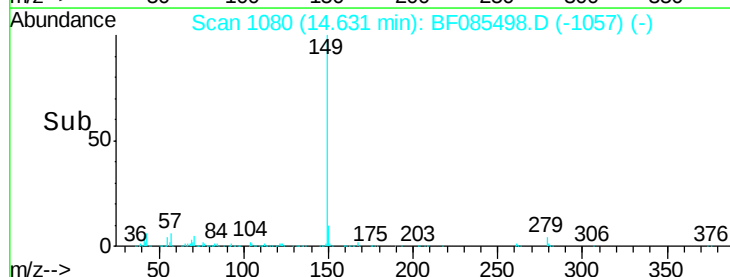
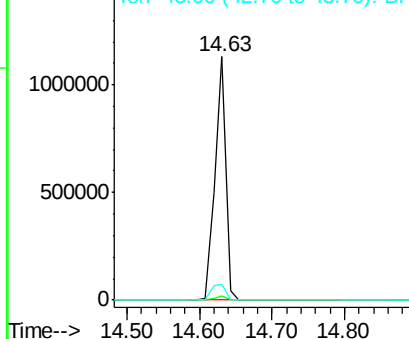
Lab File: BF085498.D

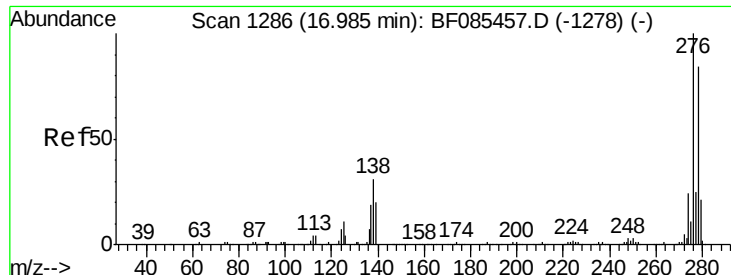
Acq: 17 Mar 2016 18:28

Tgt Ion:	149	Resp:	1166279
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.1	1.7
43	8.6	7.8	11.8



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





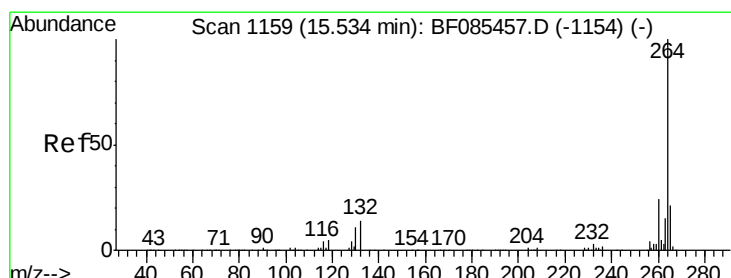
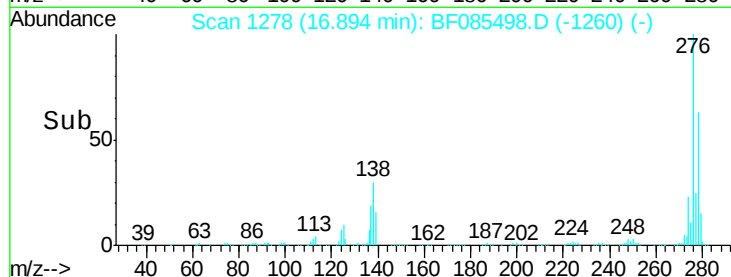
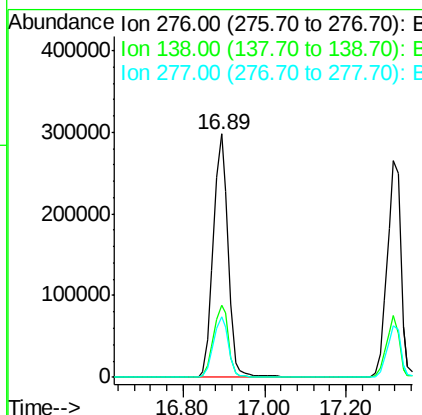
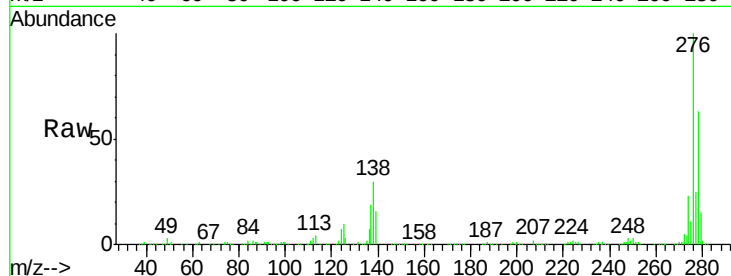
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.86 ng
 RT: 16.89 min Scan# 1278
 Delta R.T. -0.09 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt	Ion	Resp	Lower	Upper
276	100			
138	30.3	26.4	39.6	
277	25.1	20.2	30.2	

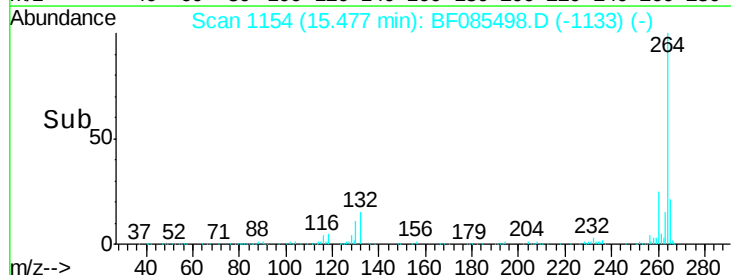
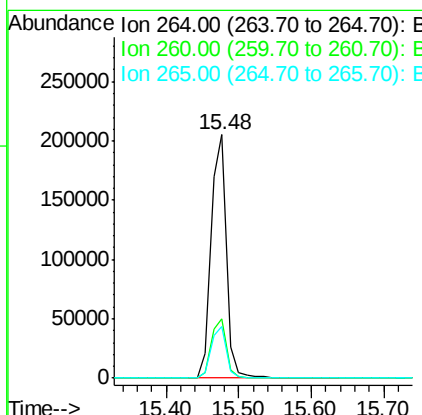
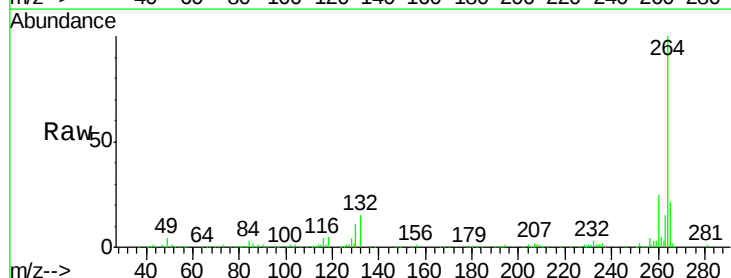
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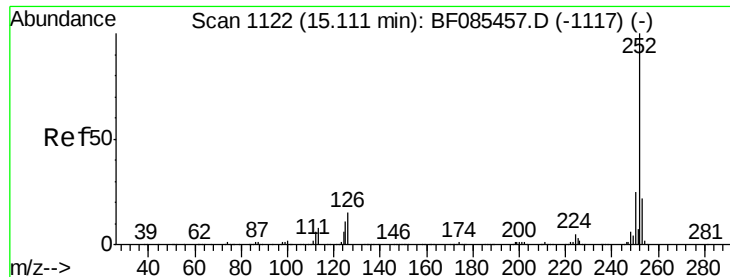
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF085498.D
 Acq: 17 Mar 2016 18:28

Tgt	Ion	Resp	Lower	Upper
264	100			
260	24.5	19.2	28.8	
265	21.0	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 41.96 ng m

RT: 15.07 min Scan# 1118

Delta R.T. -0.05 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

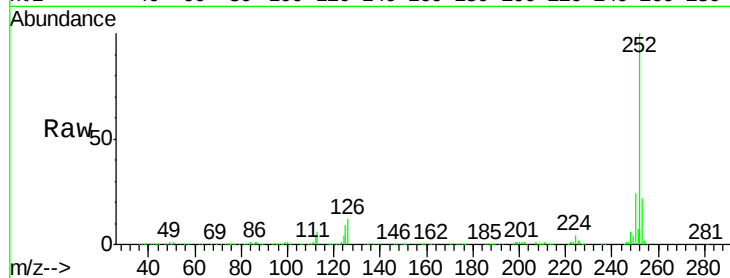
ClientSampleId :

SSTDCCC040

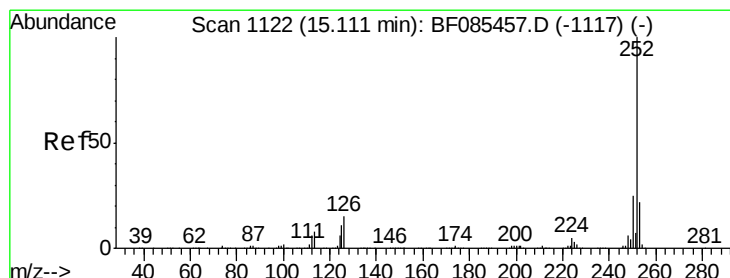
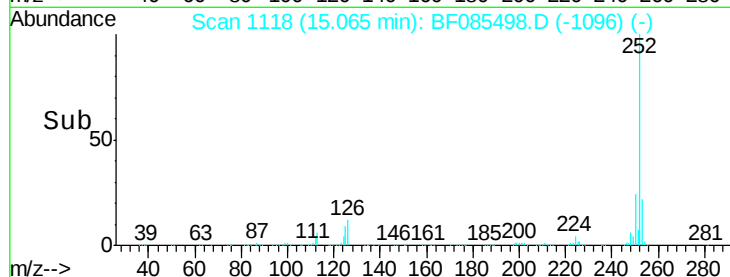
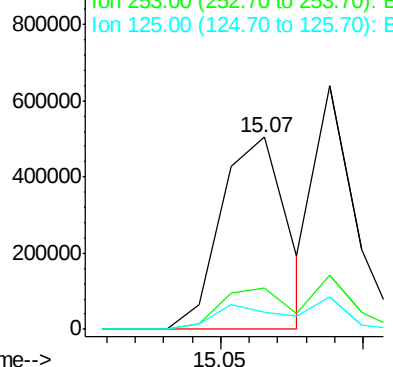
Tgt Ion:	252	Resp:	816059
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	8.6	11.3	16.9#

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



#88

Benzo(k)fluoranthene

Concen: 39.70 ng m

RT: 15.09 min Scan# 1120

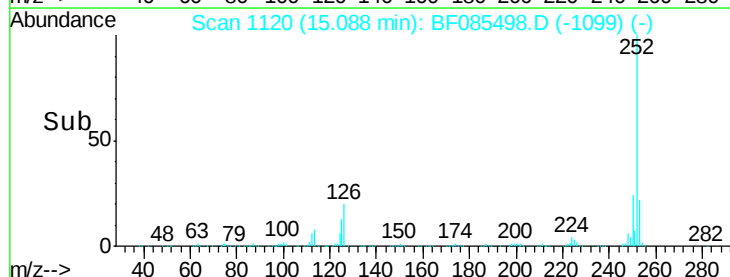
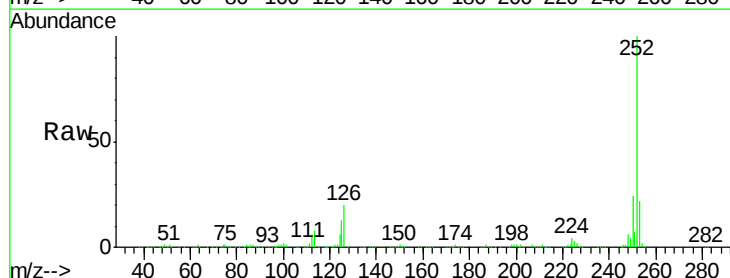
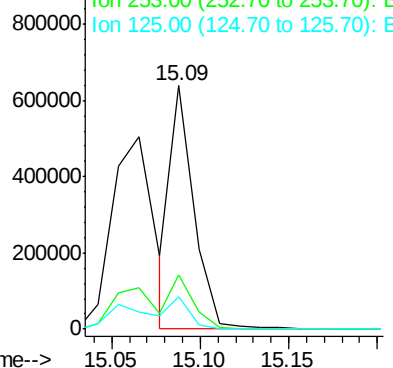
Delta R.T. -0.06 min

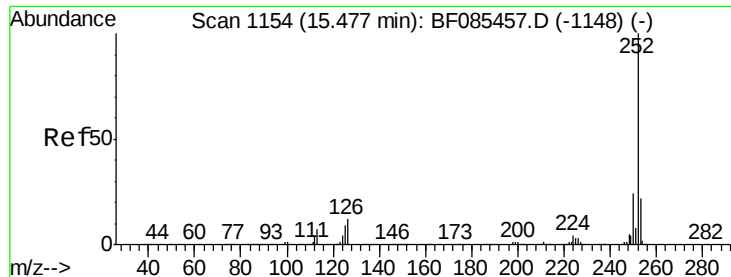
Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Tgt Ion:	252	Resp:	604748
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	13.3	10.4	15.6

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





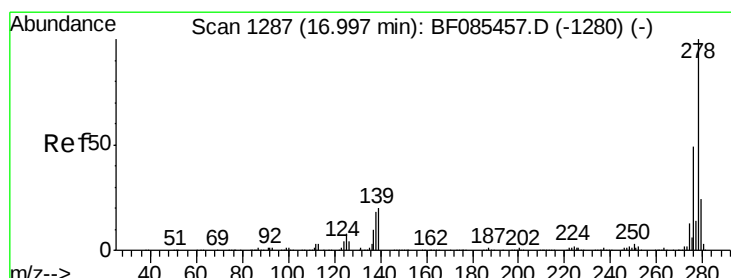
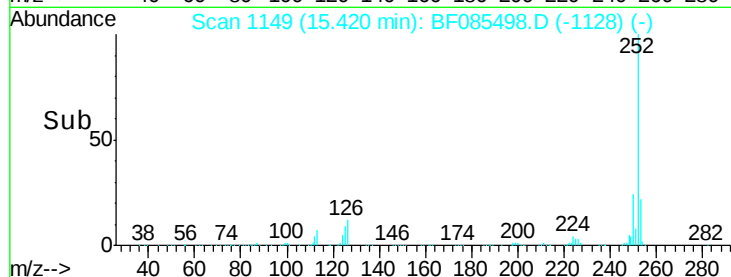
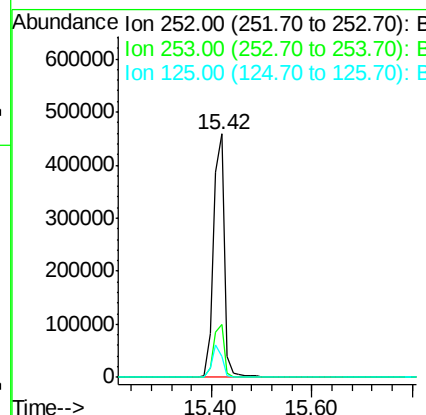
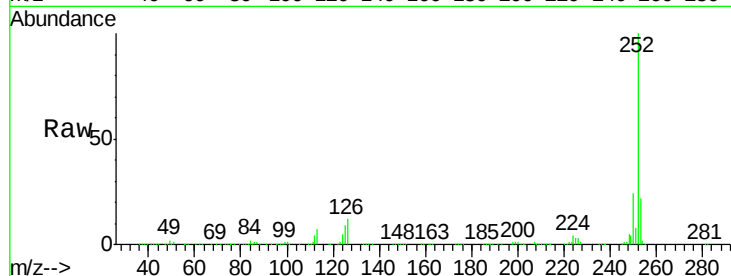
#89
Benzo(a)pyrene
Concen: 41.13 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	8.8	8.2	12.4

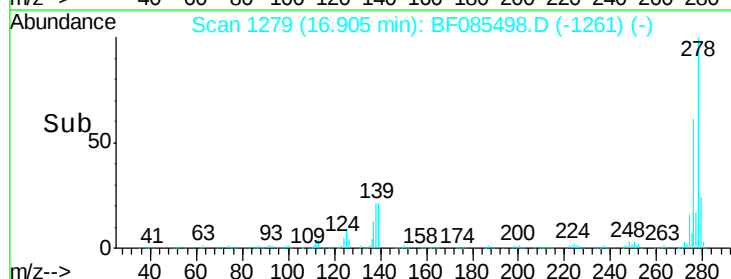
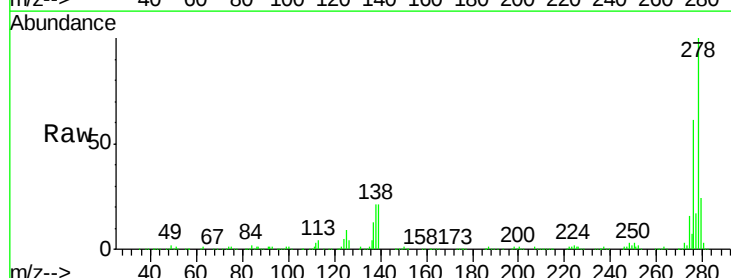
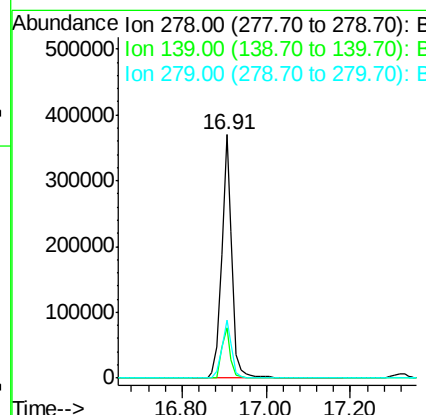
Manual Integrations
APPROVED

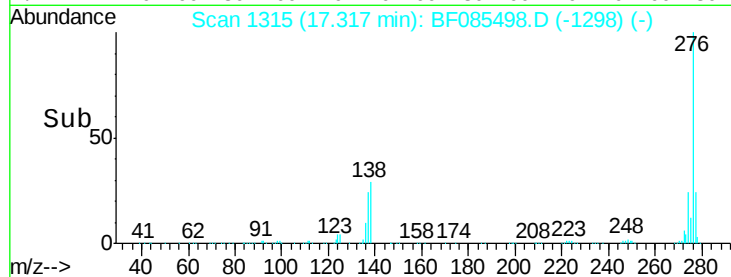
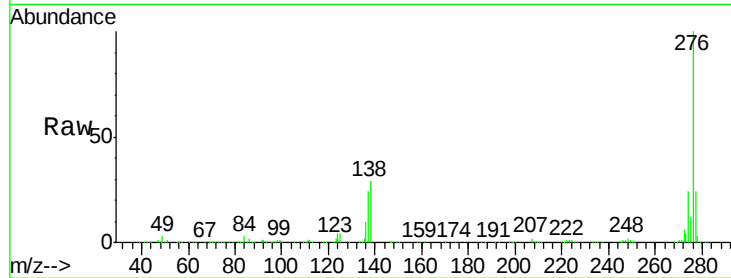
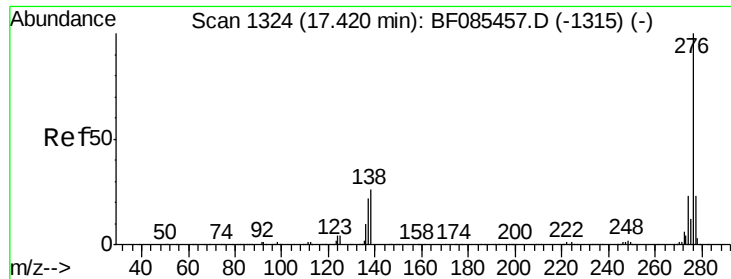
UMANGI
3/18/2016 11:57:03 AM



#90
Dibenzo(a,h)anthracene
Concen: 38.29 ng
RT: 16.91 min Scan# 1279
Delta R.T. -0.09 min
Lab File: BF085498.D
Acq: 17 Mar 2016 18:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	17.3	25.9
279	24.1	19.2	28.8





#91

Benzo(g,h,i)perylene

Concen: 37.72 ng

RT: 17.32 min Scan# 1315

Delta R.T. -0.10 min

Lab File: BF085498.D

Acq: 17 Mar 2016 18:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	276	Resp:	632382
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.4
138	28.7	22.5	33.7

Manual Integrations
APPROVED

UMANGI
3/18/2016 11:57:03 AM

