

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086451.D
 Acq On : 28 Apr 2016 4:17
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 4/28/2016 1:40:19 PM

Quant Time: Apr 28 05:29:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	171544	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	668533	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	244034	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	377896	20.00	ng	0.00
75) Chrysene-d12	13.96	240	391070	20.00	ng	0.00
86) Perylene-d12	15.37	264	308893	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	869579	87.44	ng	0.01
7) Phenol-d6	6.45	99	1111390	80.07	ng	0.01
23) Nitrobenzene-d5	7.38	82	979311	78.96	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	172708	67.11	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1301715	95.90	ng	0.00
78) Terphenyl-d14	12.91	244	1051301	59.23	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	208325	39.88	ng	# 76
3) Pyridine	3.06	79	467953	37.85	ng	# 75
4) n-Nitrosodimethylamine	3.01	42	326429	46.32	ng	# 57
6) Aniline	6.48	93	683612	40.70	ng	90
8) 2-Chlorophenol	6.59	128	453301	36.59	ng	85
9) Benzaldehyde	6.35	77	314237	38.91	ng	98
10) Phenol	6.46	94	649604	41.95	ng	# 62
11) bis(2-Chloroethyl)ether	6.54	93	498072	37.20	ng	85
12) 1,3-Dichlorobenzene	6.75	146	518423	38.91	ng	97
13) 1,4-Dichlorobenzene	6.83	146	530754	38.61	ng	99
14) 1,2-Dichlorobenzene	6.98	146	459304	36.43	ng	97
15) Benzyl Alcohol	6.96	79	368948	42.02	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1040552	38.83	ng	88
17) 2-Methylphenol	7.07	107	374468	37.40	ng	94
18) Hexachloroethane	7.32	117	158811	30.91	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	316661	34.51	ng	# 70
20) 3+4-Methylphenols	7.23	107	444399	38.88	ng	# 86
22) Acetophenone	7.22	105	614057	41.89	ng	# 88
24) Nitrobenzene	7.40	77	529110	41.47	ng	# 87
25) Isophorone	7.64	82	921612	38.61	ng	# 93
26) 2-Nitrophenol	7.71	139	136104	23.17	ng	# 87
27) 2,4-Dimethylphenol	7.76	122	407056	39.49	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	511121	39.30	ng	98
29) 2,4-Dichlorophenol	7.96	162	308287	35.45	ng	92
30) 1,2,4-Trichlorobenzene	8.04	180	394035	39.06	ng	97
31) Naphthalene	8.12	128	1266984	37.24	ng	100
32) Benzoic acid	7.86	122	125801	25.25	ng	# 85
33) 4-Chloroaniline	8.17	127	488338	38.33	ng	# 92
34) Hexachlorobutadiene	8.24	225	217364	38.43	ng	99
35) Caprolactam	8.54	113	96418	33.23	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	302903	30.42	ng	89
37) 2-Methylnaphthalene	8.81	142	694982	34.62	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	306752	43.91	ng	98
40) Hexachlorocyclopentadiene	8.96	237	9738	2.81	ng	95

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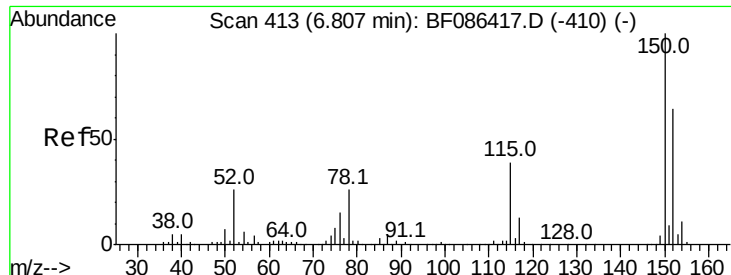
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	161066	36.48	nq	95
43) 2,4,5-Trichlorophenol	9.13	196	174756	36.31	nq #	93
45) 1,1'-Biphenyl	9.28	154	897205	43.99	nq	99
46) 2-Chloronaphthalene	9.30	162	664702	42.86	nq	99
47) 2-Nitroaniline	9.39	65	217828	43.80	nq #	78
48) Acenaphthylene	9.71	152	949471	39.17	nq	99
49) Dimethylphthalate	9.57	163	742108	40.39	nq	100
50) 2,6-Dinitrotoluene	9.63	165	127167	33.51	nq #	71
51) Acenaphthene	9.88	154	577967	37.12	nq	99
52) 3-Nitroaniline	9.80	138	173987	40.31	nq	87
53) 2,4-Dinitrophenol	9.92	184	220m	7.93	nq	
54) Dibenzofuran	10.05	168	730015	37.51	nq	99
55) 4-Nitrophenol	9.96	139	80245	28.39	nq #	65
56) 2,4-Dinitrotoluene	10.04	165	151806	31.38	nq #	82
57) Fluorene	10.40	166	579783	34.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	124664	33.13	nq	97
59) Diethylphthalate	10.27	149	664559	38.21	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	266869	34.79	nq	97
61) 4-Nitroaniline	10.42	138	162243	38.45	nq	91
62) Azobenzene	10.54	77	667342	35.03	nq	89
65) n-Nitrosodiphenylamine	10.51	169	488142	41.33	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	152219m	39.09	nq	
67) Hexachlorobenzene	10.94	284	175000	38.83	nq	100
68) Atrazine	11.04	200	116798	32.93	nq	95
69) Pentachlorophenol	11.14	266	77153	32.47	nq	96
70) Phenanthrene	11.36	178	776830	39.17	nq	99
71) Anthracene	11.40	178	833871	39.40	nq	100
72) Carbazole	11.56	167	753510	40.17	nq	99
73) Di-n-butylphthalate	11.89	149	885957	41.69	nq	99
74) Fluoranthene	12.53	202	860430	42.98	nq	99
76) Benzidine	12.67	184	423919	31.54	nq	95
77) Pyrene	12.76	202	882677	31.32	nq	100
79) Butylbenzylphthalate	13.39	149	452817	37.10	nq	91
80) Benzo(a)anthracene	13.95	228	798885	38.32	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	567748	40.73	nq	98
82) Chrysene	13.99	228	846078	37.33	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	575863	38.01	nq	98
84) Di-n-octyl phthalate	14.56	149	1089961	45.94	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.73	276	596126	35.50	nq	98
87) Benzo(b)fluoranthene	14.97	252	910259m	50.09	nq	
88) Benzo(k)fluoranthene	15.00	252	610120m	32.19	nq	
89) Benzo(a)pyrene	15.31	252	652294	38.02	nq #	97
90) Dibenzo(a,h)anthracene	16.75	278	509021	36.26	nq	97
91) Benzo(g,h,i)perylene	17.14	276	476434	33.86	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

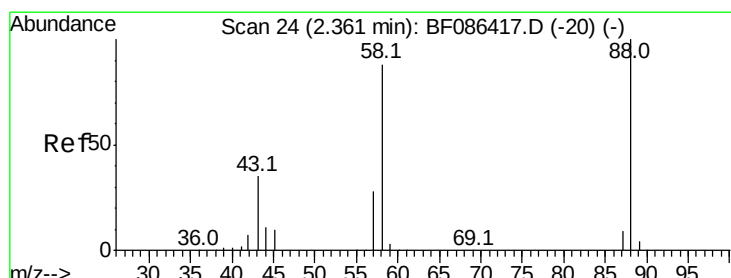
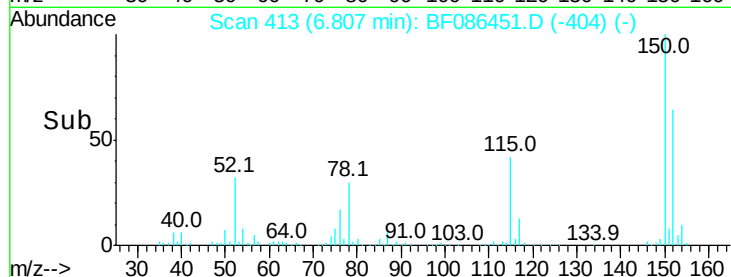
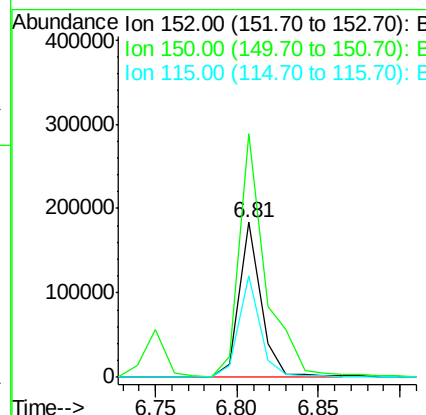
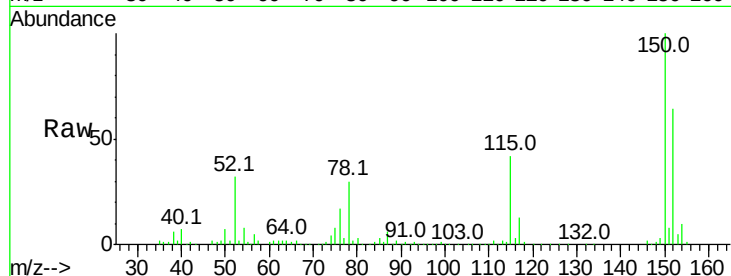
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	171544
Ion Ratio	Lower	Upper	
152	100		
150	156.9	125.8	188.6
115	65.7	51.5	77.3

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#2

1,4-Dioxane

Concen: 39.88 ng

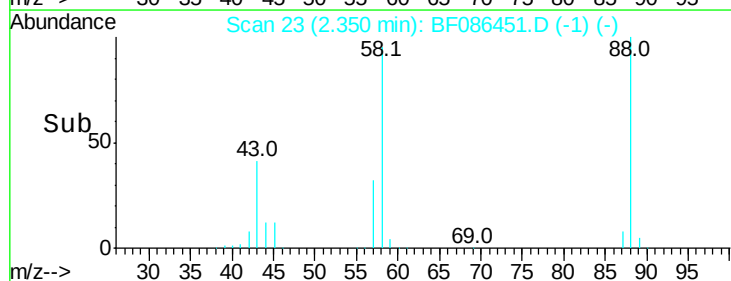
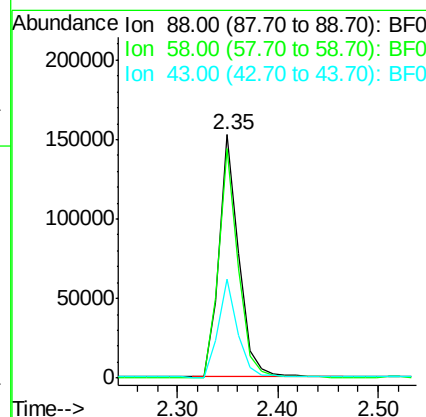
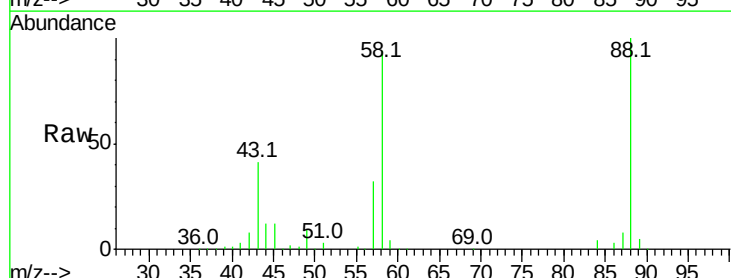
RT: 2.35 min Scan# 23

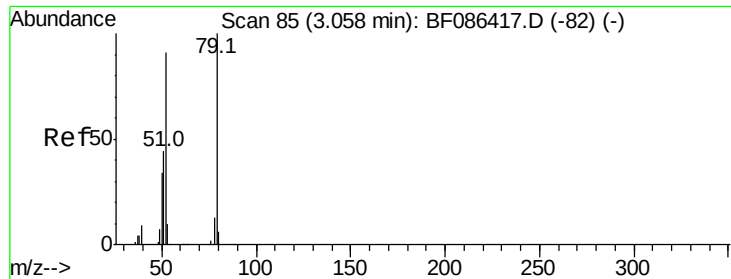
Delta R.T. -0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion:	88	Resp:	208325
Ion Ratio	Lower	Upper	
88	100		
58	95.2	59.6	89.4#
43	39.5	21.8	32.6#





#3

Pvridine

Concen: 37.85 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

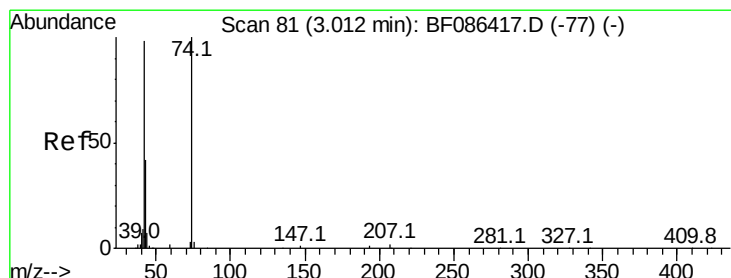
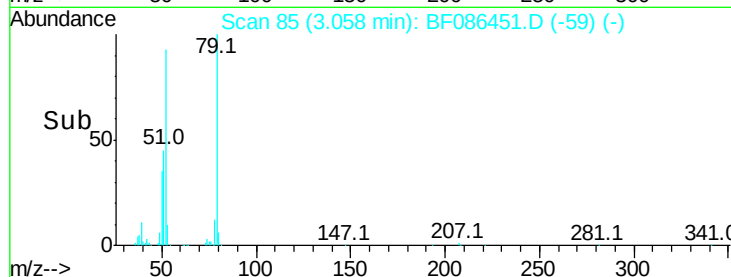
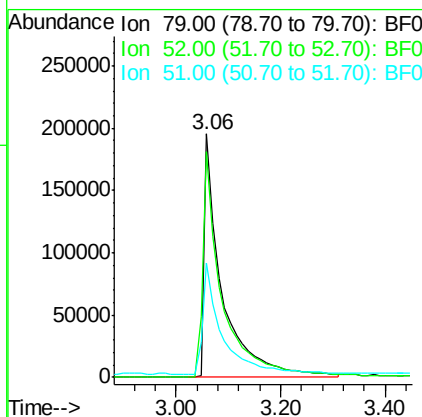
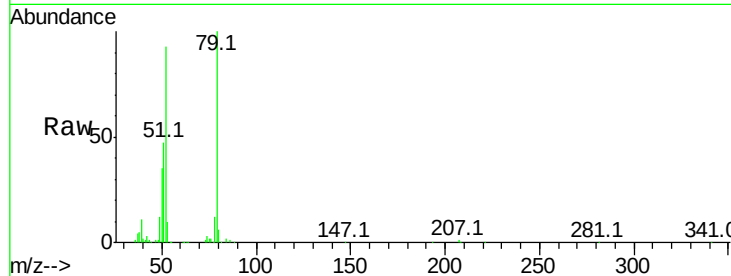
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	92.6	55.9	83.9#		
51	46.8	28.1	42.1#		

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#4

n-Nitrosodimethylamine

Concen: 46.32 ng

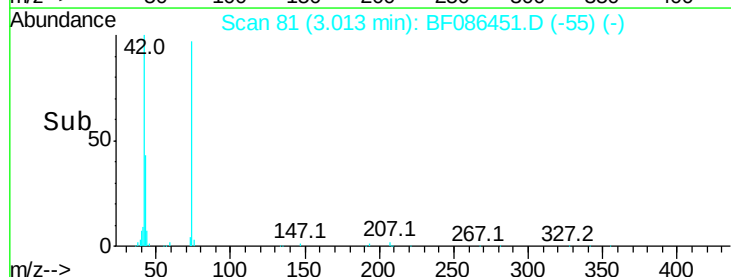
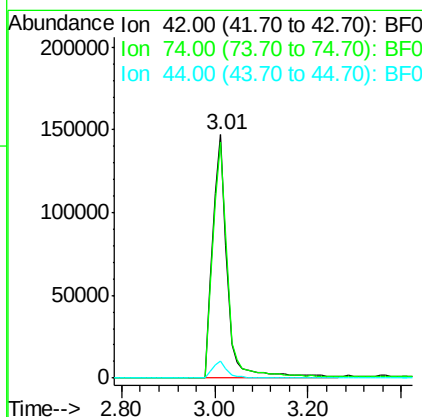
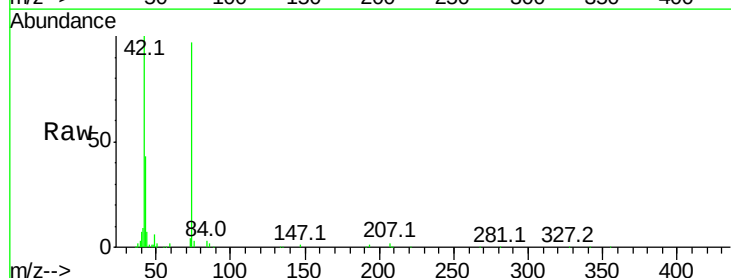
RT: 3.01 min Scan# 81

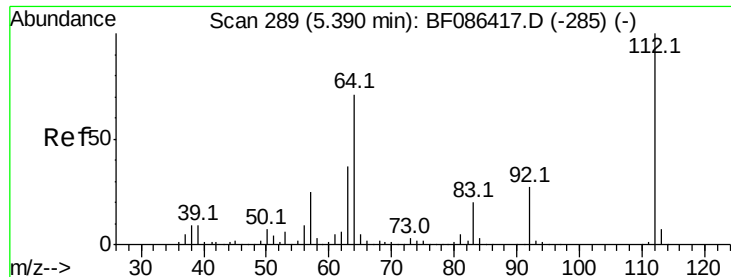
Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	96.7	123.4	185.0#		
44	6.9	5.8	8.6		





#5

2-Fluorophenol

Concen: 87.44 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

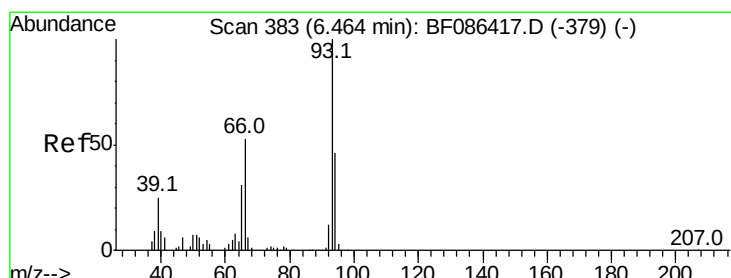
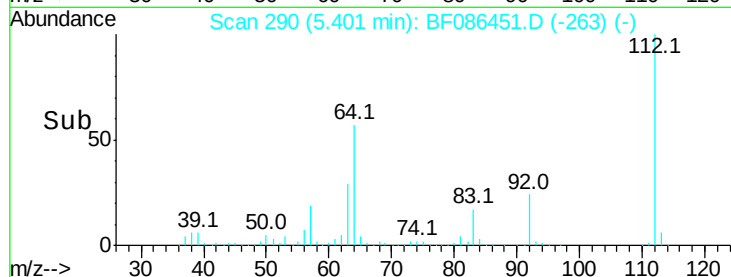
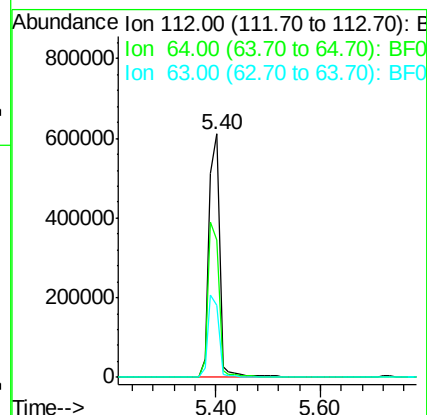
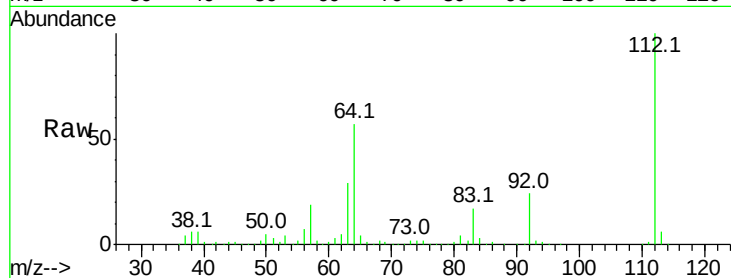
ClientSampleId :

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Tot Ion:	112	Resp:	869579
Ion Ratio	Lower	Upper	
112	100		
64	56.6	52.1	78.1
63	29.5	25.7	38.5

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#6

Aniline

Concen: 40.70 ng

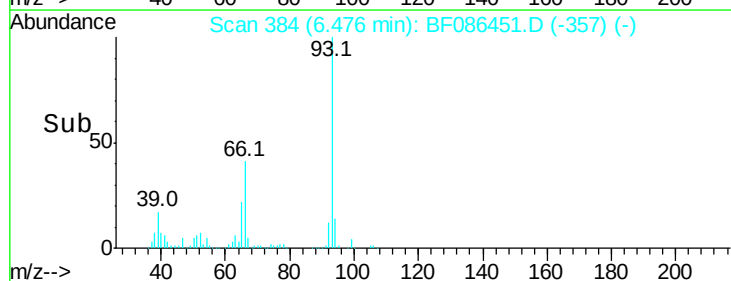
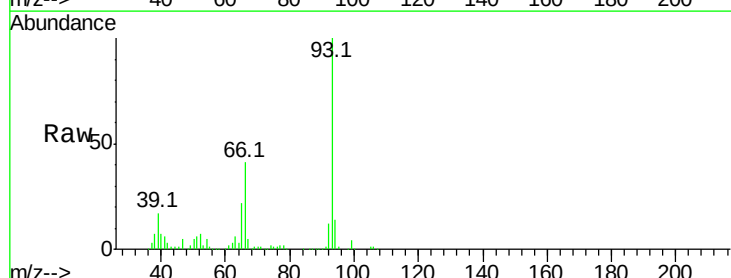
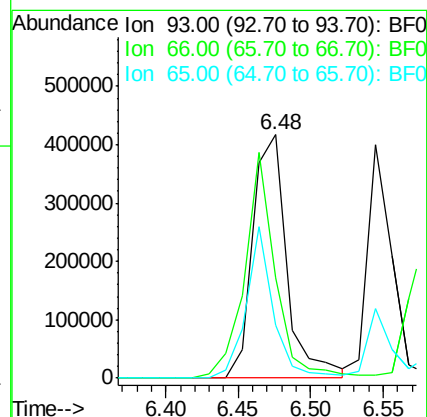
RT: 6.48 min Scan# 384

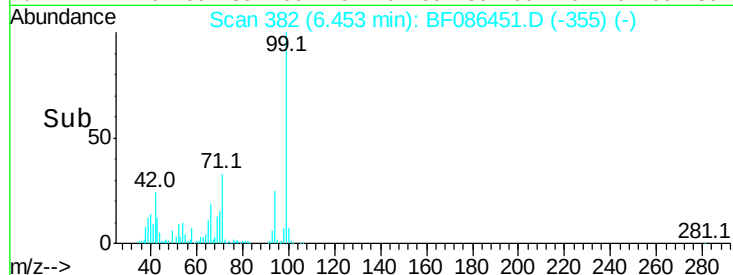
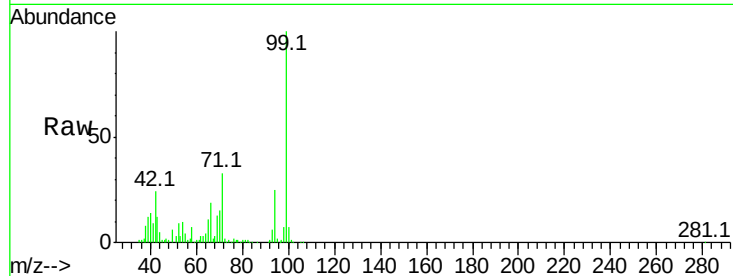
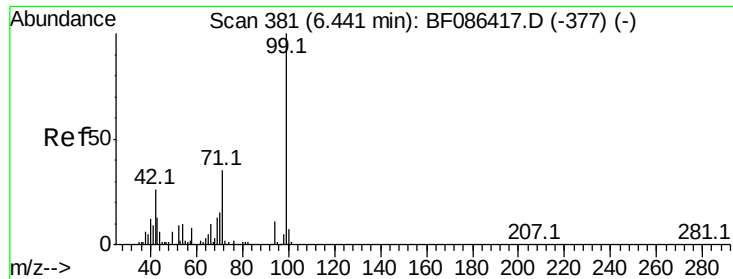
Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion:	93	Resp:	683612
Ion Ratio	Lower	Upper	
93	100		
66	41.0	39.0	58.6
65	21.9	20.6	31.0





#7

Phenol-d6

Concen: 80.07 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tot Ion: 99 Resp: 1111390

Ion Ratio Lower Upper

99 100

42 24.4 13.6 20.4#

71 33.2 24.6 36.8

Instrument :

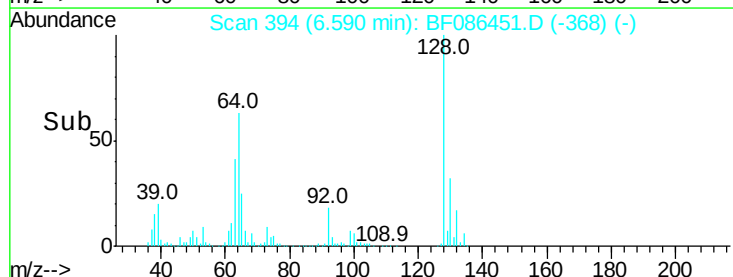
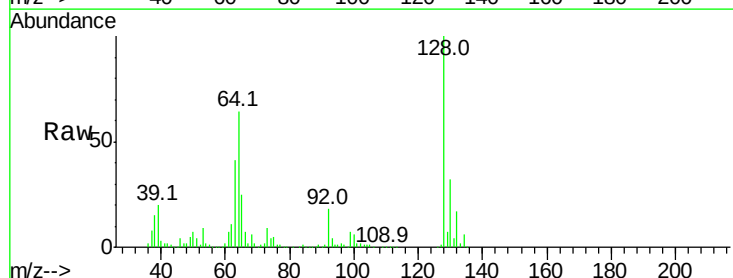
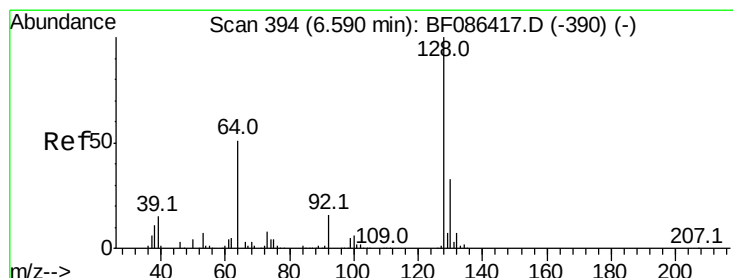
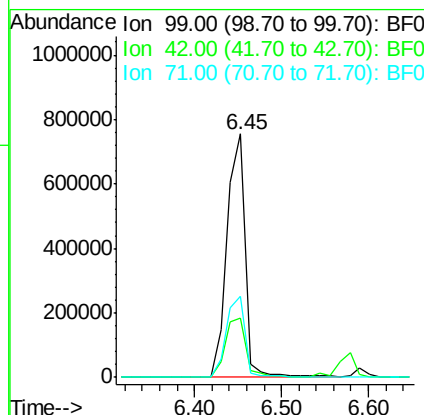
BNA_F

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SSTDCCC040

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#8

2-Chlorophenol

Concen: 36.59 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

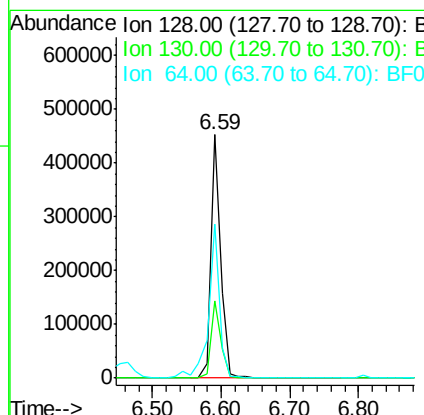
Tgt Ion:128 Resp: 453301

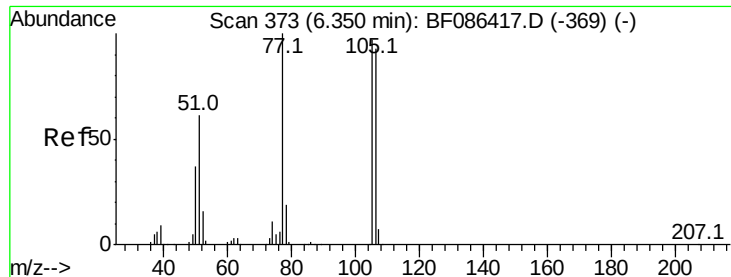
Ion Ratio Lower Upper

128 100

130 31.8 12.5 52.5

64 63.5 27.3 67.3





#9

Benzaldehyde

Concen: 38.91 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

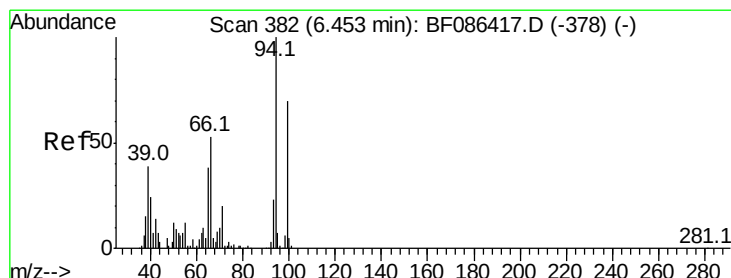
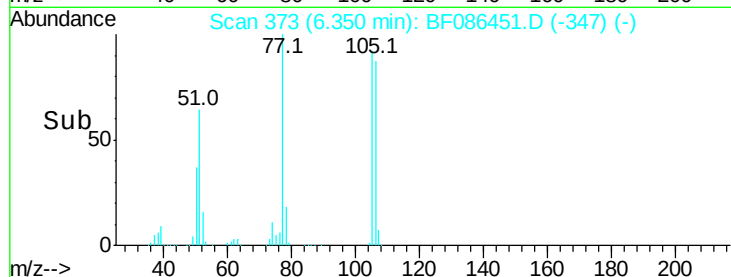
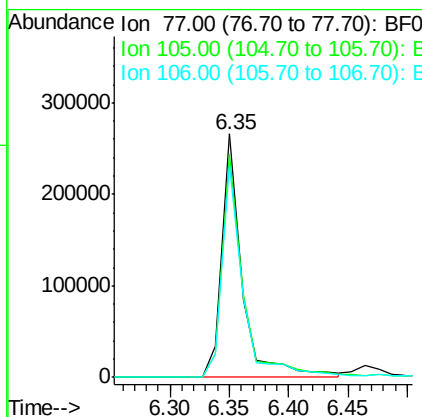
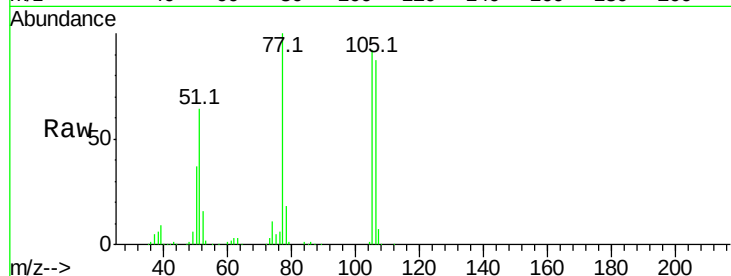
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	314237
Ion Ratio	Lower	Upper	
77	100		
105	91.8	72.7	112.7
106	87.5	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 41.95 ng

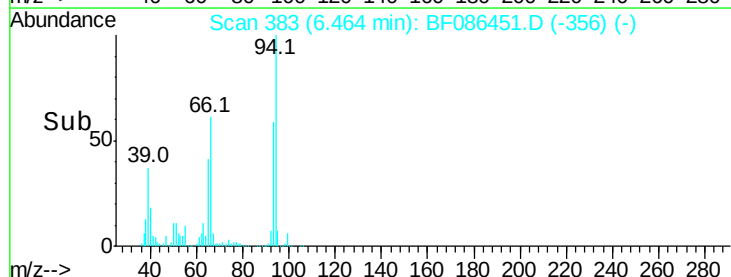
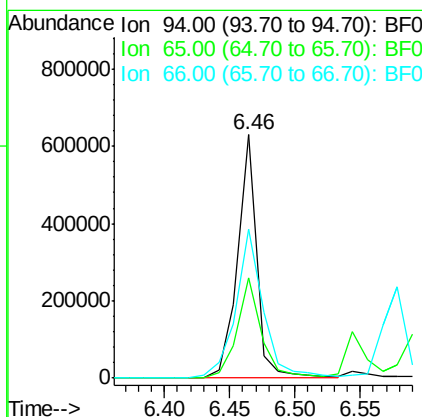
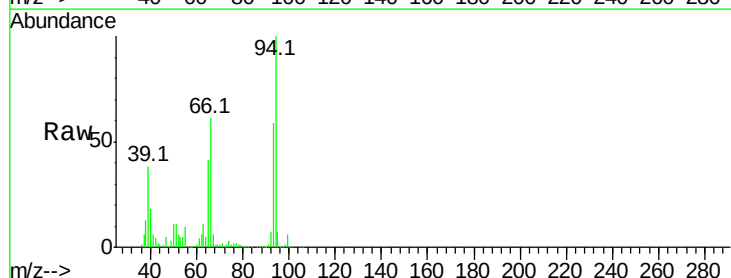
RT: 6.46 min Scan# 383

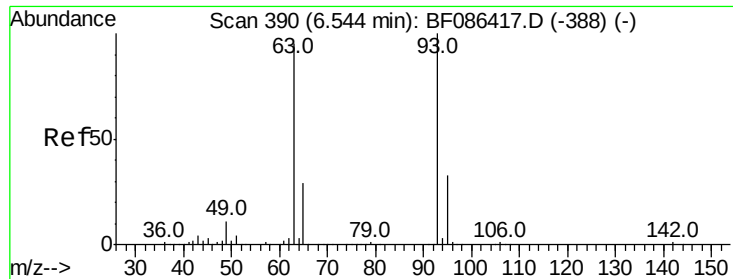
Delta R.T. 0.01 min

Lab File: BF086451.D

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Tgt Ion:	94	Resp:	649604
Ion Ratio	Lower	Upper	
94	100		
65	41.3	7.2	47.2
66	61.4	14.9	54.9#





#11

bis(2-Chloroethyl)ether

Concen: 37.20 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

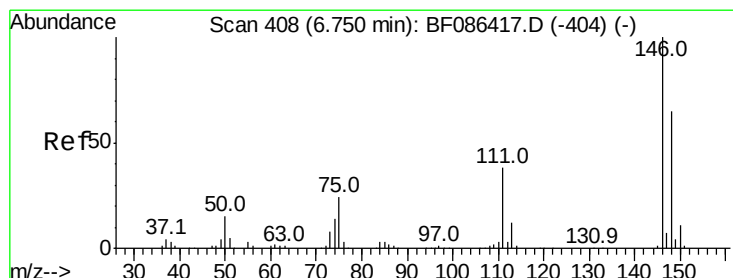
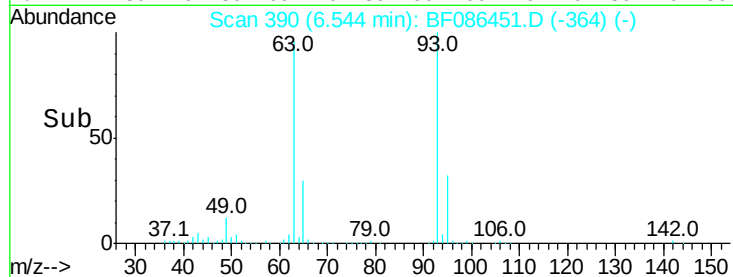
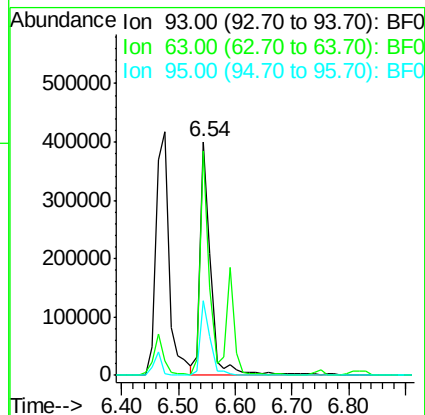
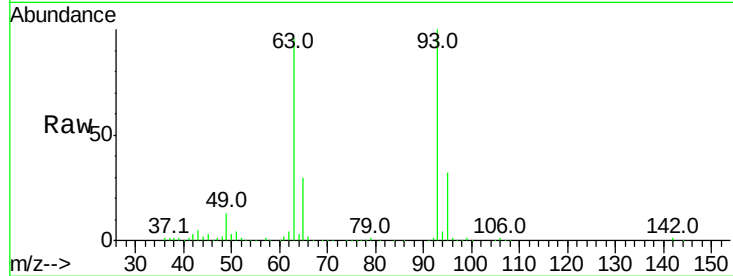
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	498072
Ion Ratio	Lower	Upper	
93	100		
63	95.8	58.0	98.0
95	32.1	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 38.91 ng

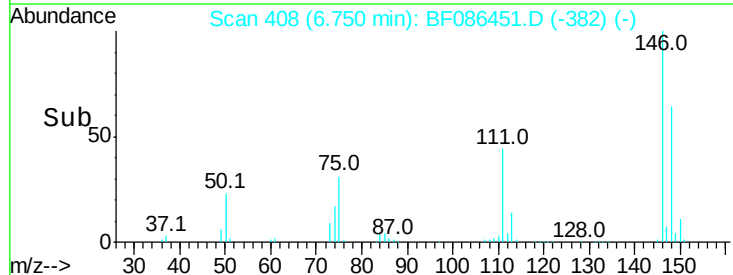
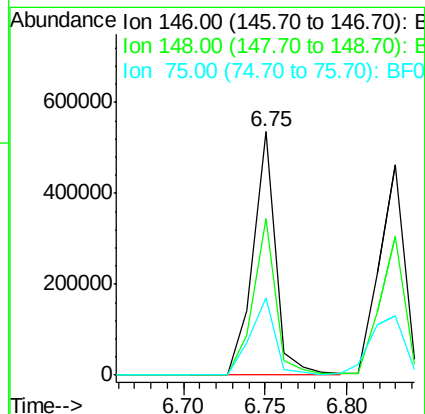
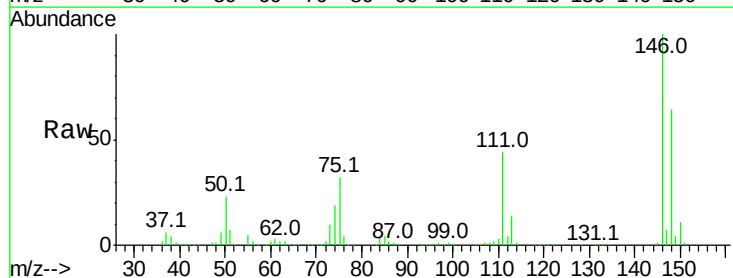
RT: 6.75 min Scan# 408

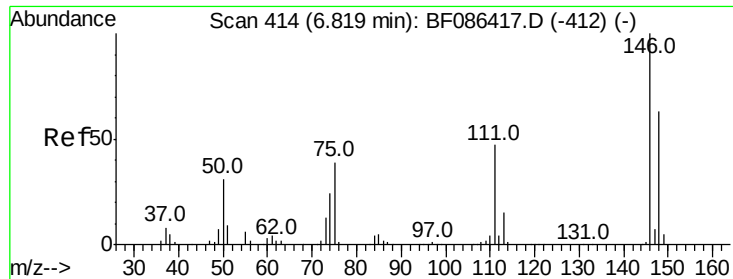
Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion:	146	Resp:	518423
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.4	78.6
75	31.7	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 38.61 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

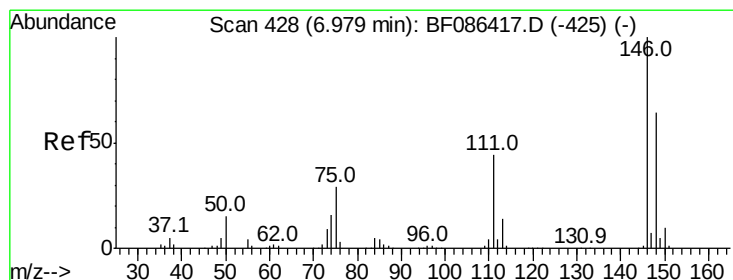
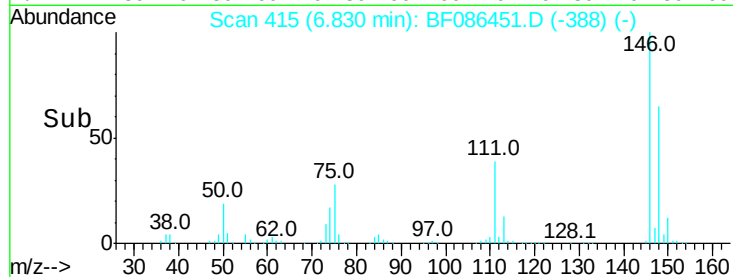
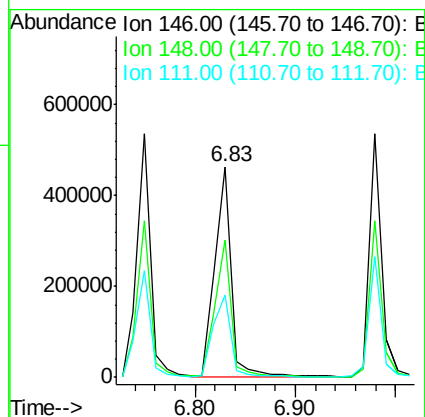
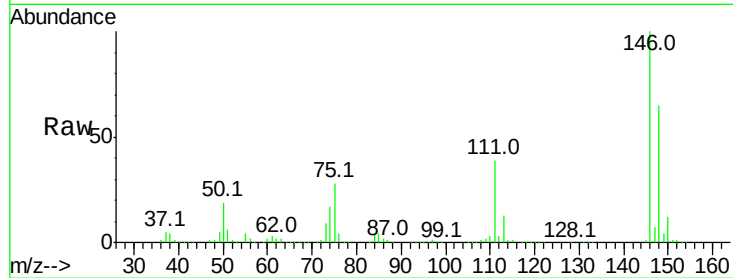
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	530754
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.4
111	39.3	30.7	46.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.43 ng

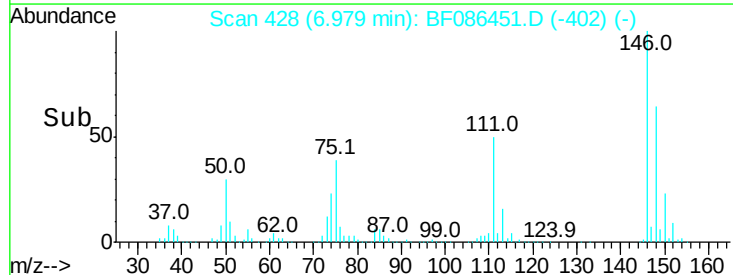
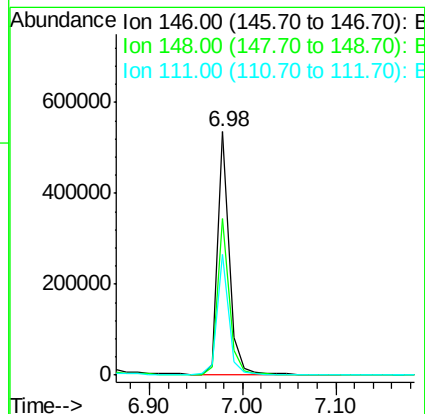
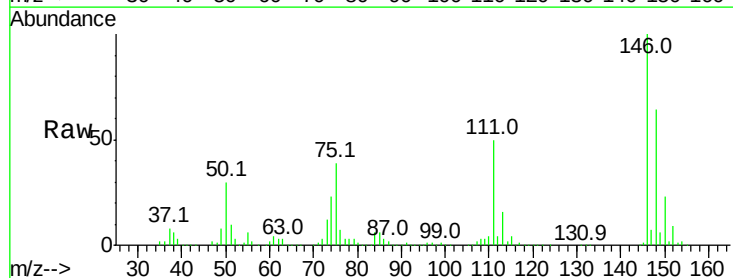
RT: 6.98 min Scan# 428

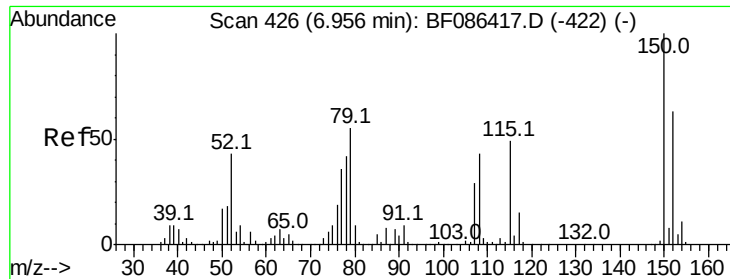
Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion:	146	Resp:	459304
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.0	76.6
111	49.8	36.2	54.4





#15

Benzyl Alcohol

Concen: 42.02 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 368948

Ion Ratio Lower Upper

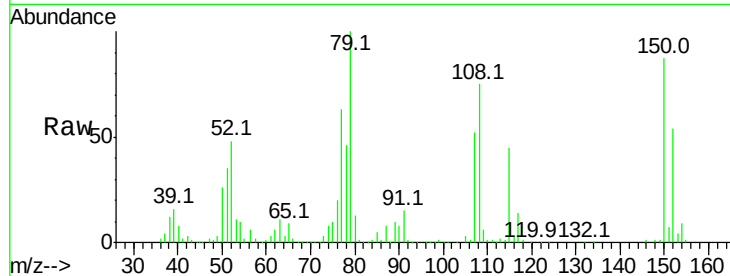
79 100

108 75.2 68.4 102.6

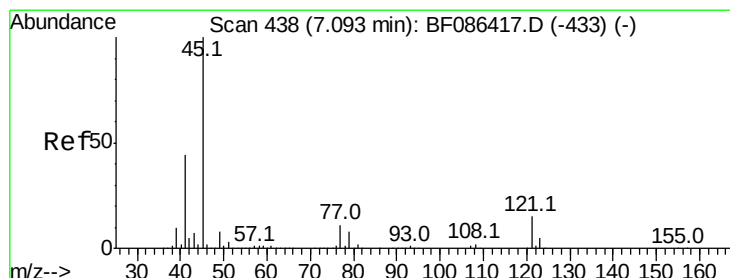
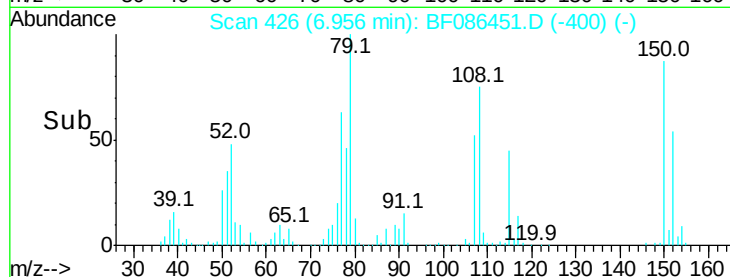
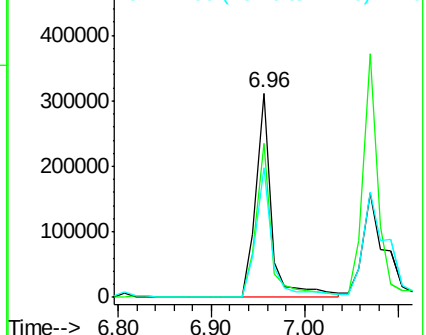
77 63.2 50.6 76.0

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.83 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

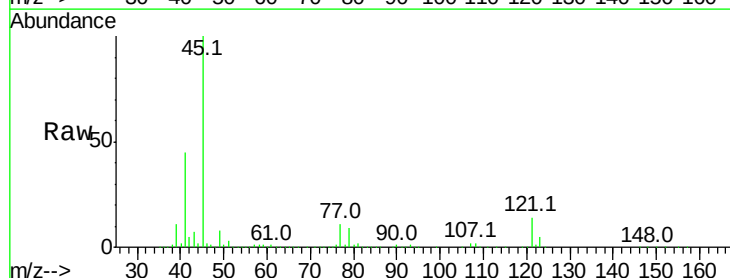
Tgt Ion: 45 Resp: 1040552

Ion Ratio Lower Upper

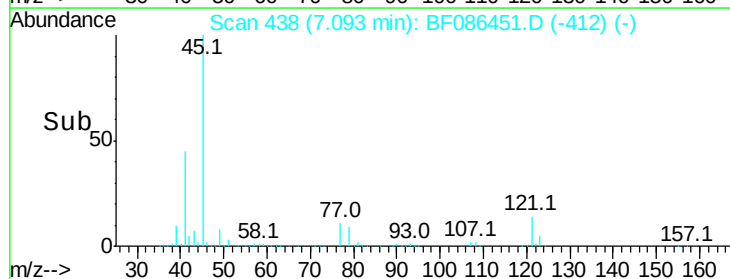
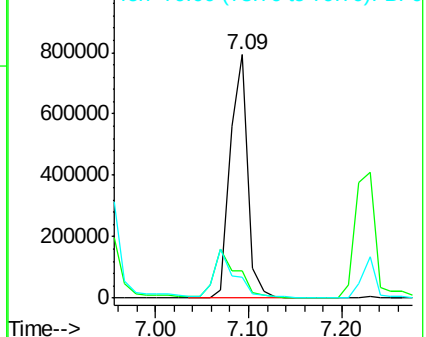
45 100

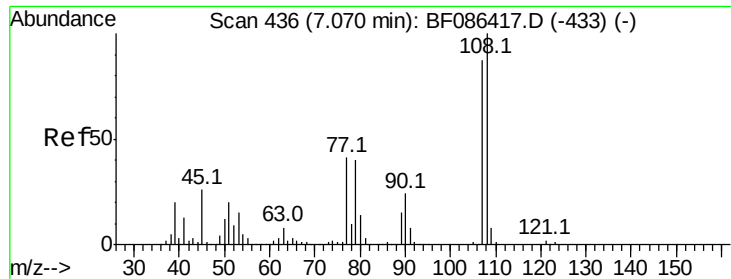
77 11.1 0.0 36.4

79 8.8 0.0 33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.40 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 374468

Ion Ratio Lower Upper

107 100

108 113.4 93.7 140.5

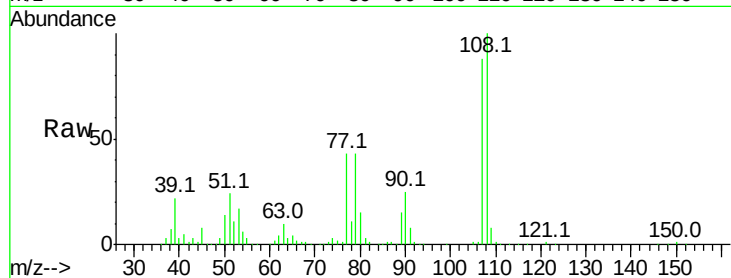
77 49.0 33.4 50.0

79 48.3 34.3 51.5

Manual Integrations
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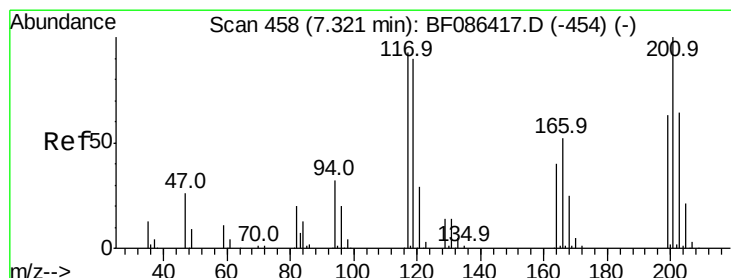
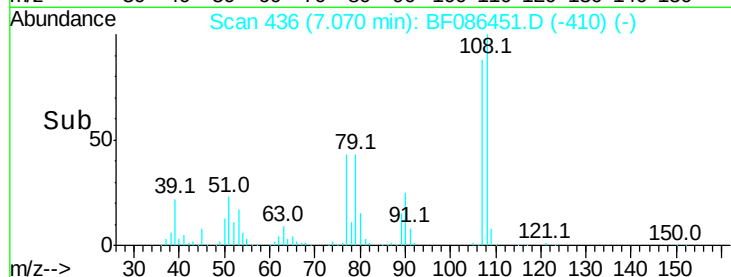
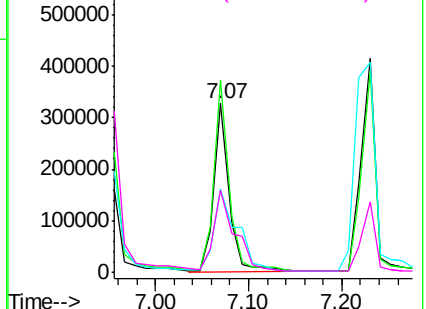


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.91 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

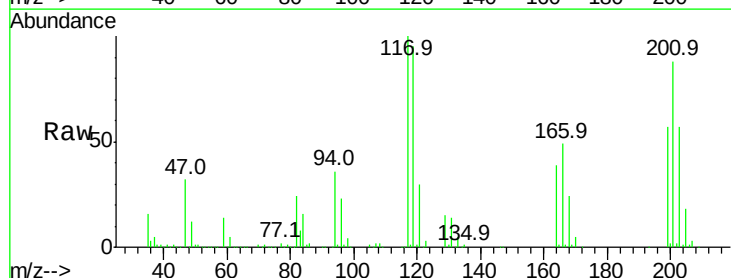
Tgt Ion:117 Resp: 158811

Ion Ratio Lower Upper

117 100

119 95.2 76.5 114.7

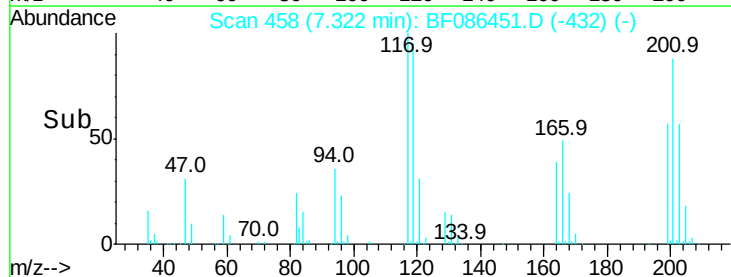
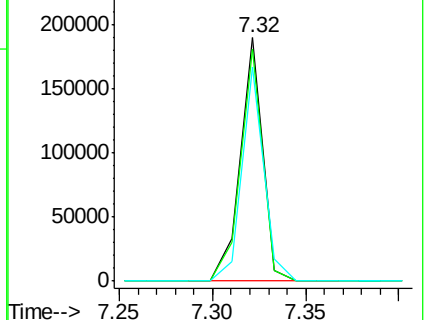
201 87.8 63.0 94.6

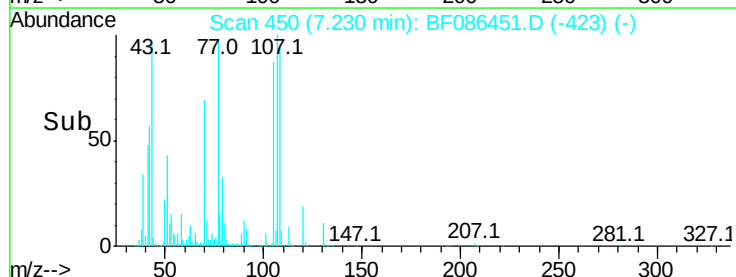
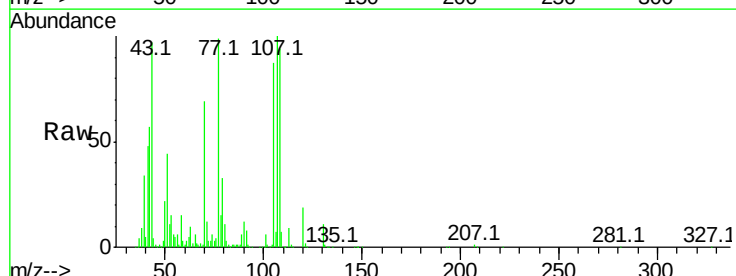
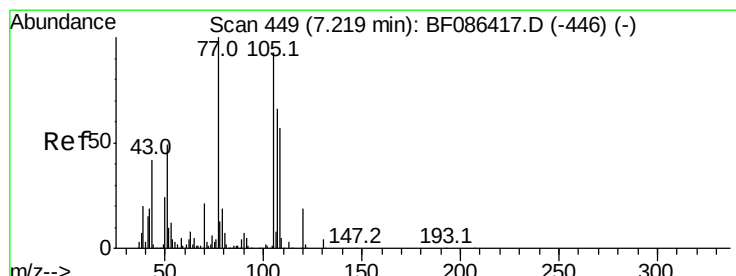
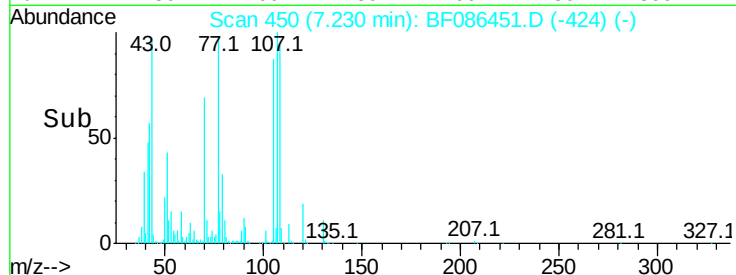
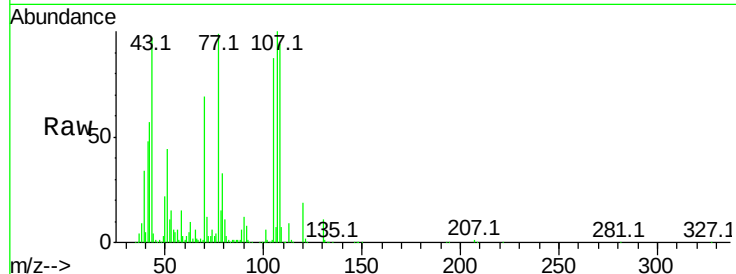
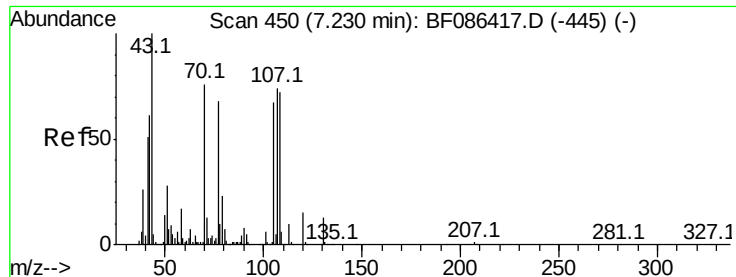


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





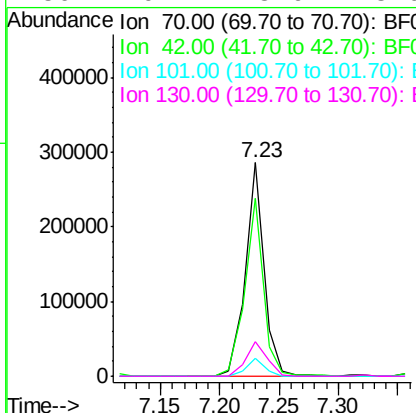
#19
n-Nitroso-di-n-propylamine
Concen: 34.51 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	83.1	43.1	64.7#
101	8.4	8.1	12.1
130	16.4	18.6	28.0#

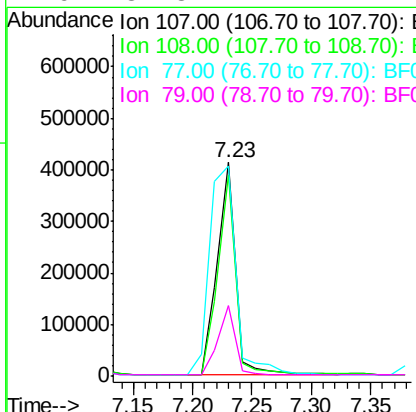
Manual Integrations
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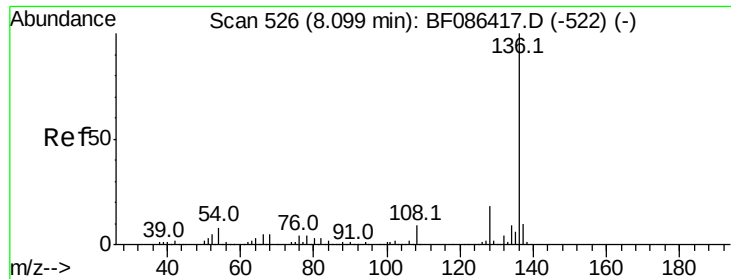
sohil
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#20
3+4-Methylphenols
Concen: 38.88 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.4	68.5	108.5
77	98.6	101.6	141.6#
79	32.8	7.4	47.4





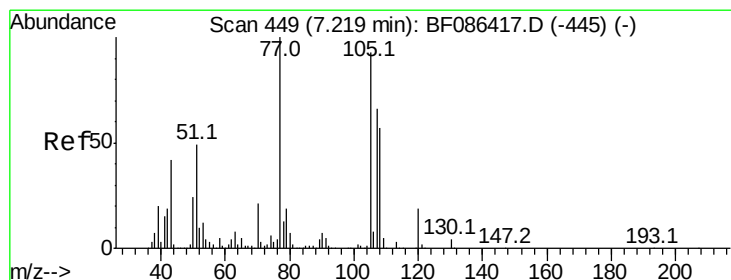
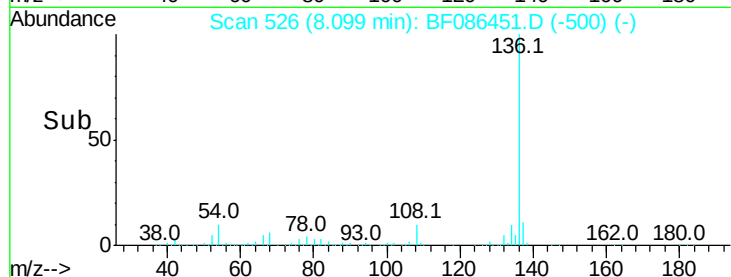
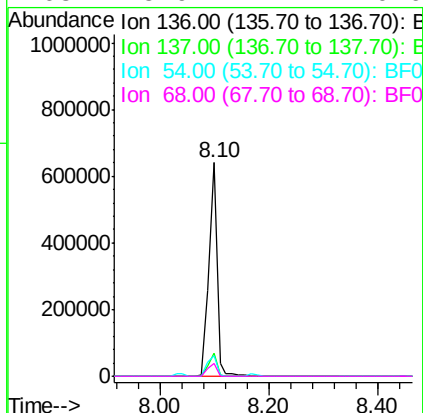
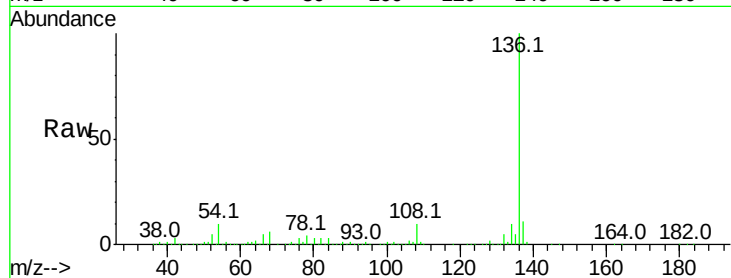
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	668533		
137	10.9	8.8	13.2	
54	9.7	5.0	7.4	
68	5.9	4.4	6.6	

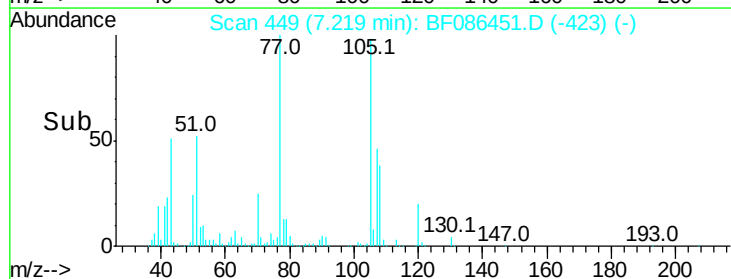
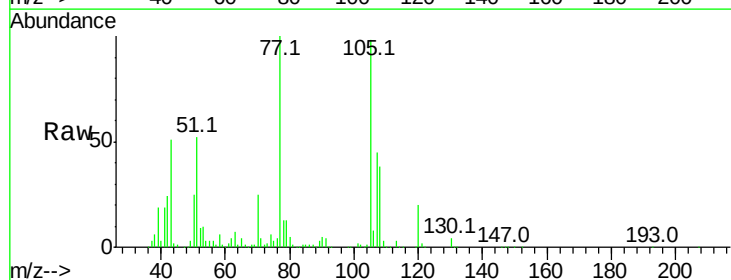
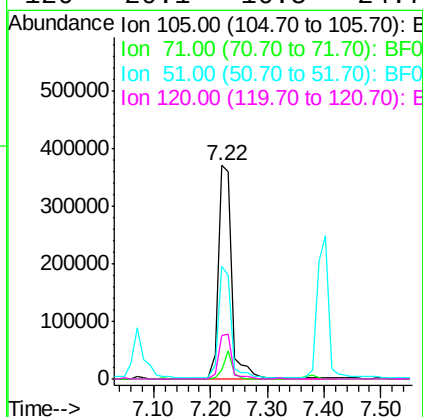
Manual Integrations
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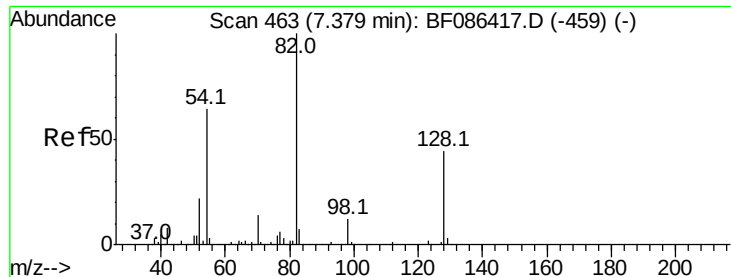
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#22
Acetophenone
Concen: 41.89 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	614057		
71	4.3	4.8	7.2	
51	52.9	32.6	49.0	
120	20.1	16.5	24.7	





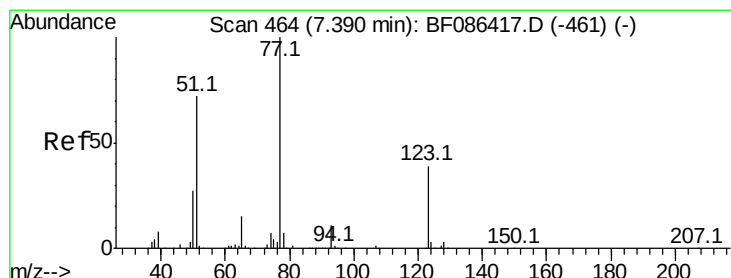
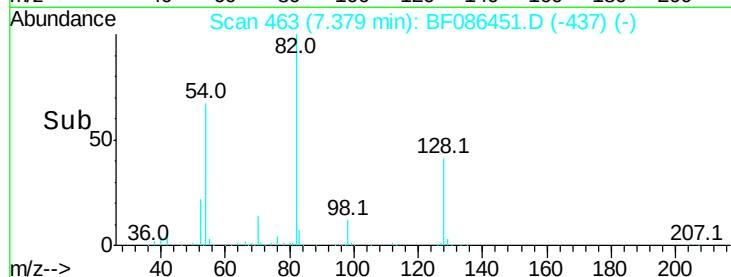
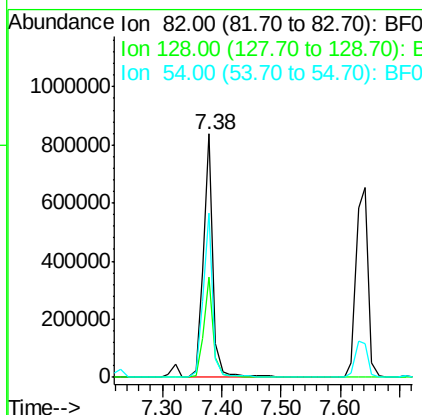
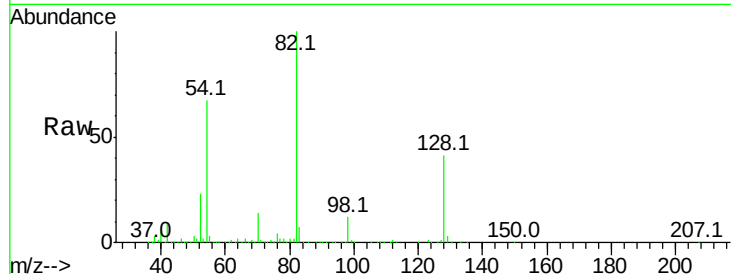
#23
Nitrobenzene-d5
Concen: 78.96 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	40.6	61.0
54	67.4	38.1	57.1

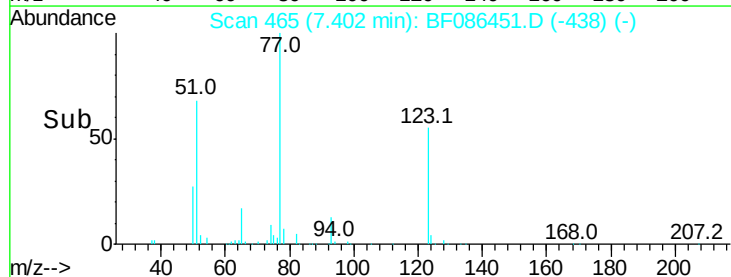
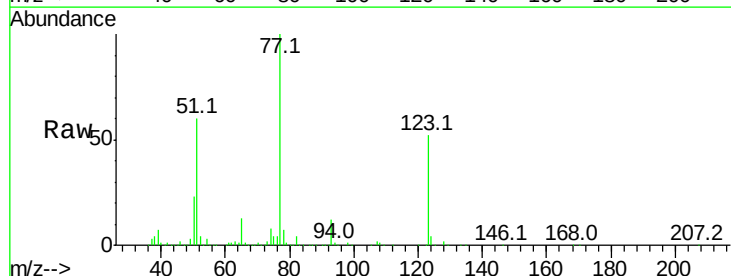
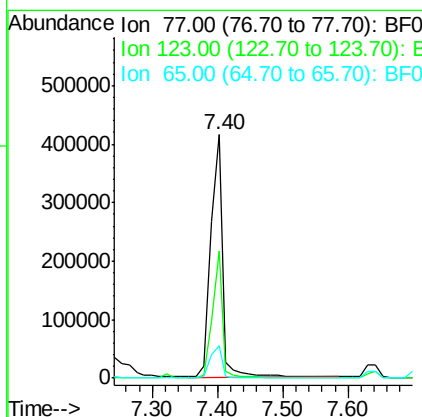
Manual Integrations
APPROVED

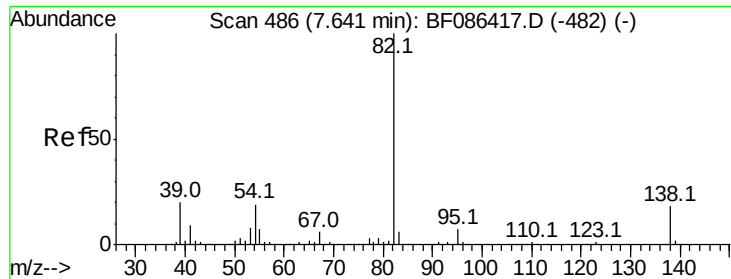
sohil
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#24
Nitrobenzene
Concen: 41.47 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.2	33.0	49.4
65	13.4	10.8	16.2





#25

Isophorone

Concen: 38.61 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

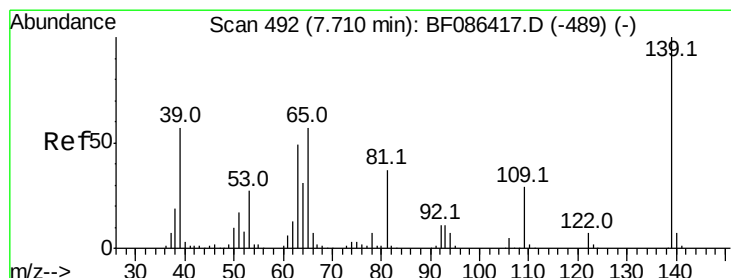
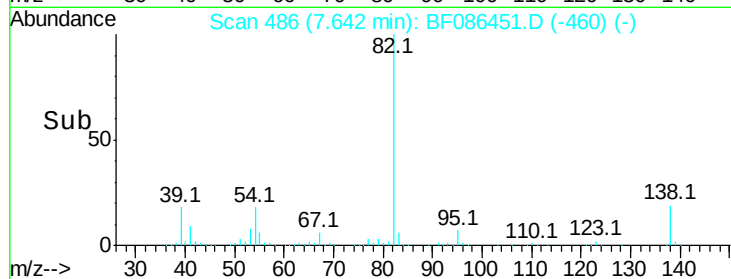
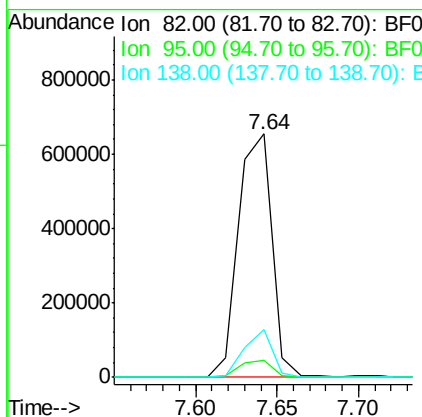
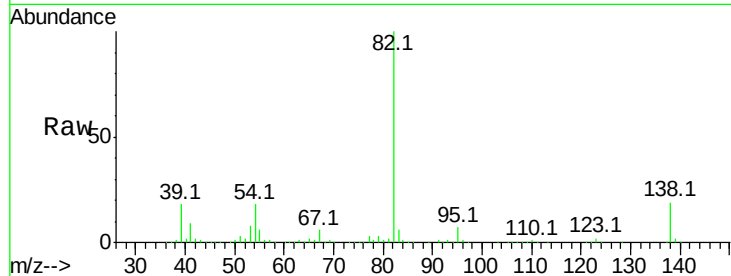
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	921612
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.1	7.7
138	19.4	12.4	18.6#

Manual Integrations
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#26

2-Nitrophenol

Concen: 23.17 ng

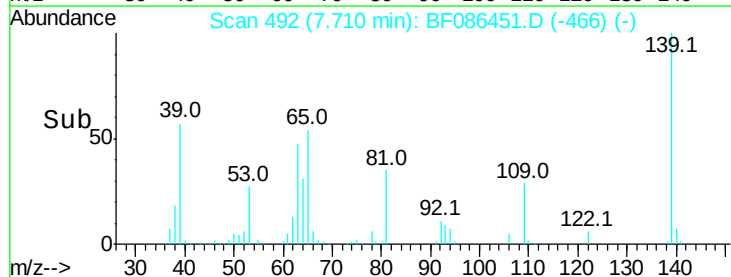
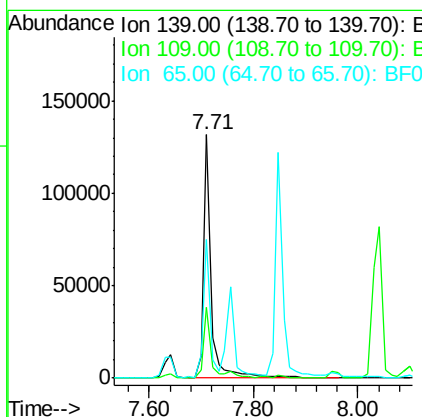
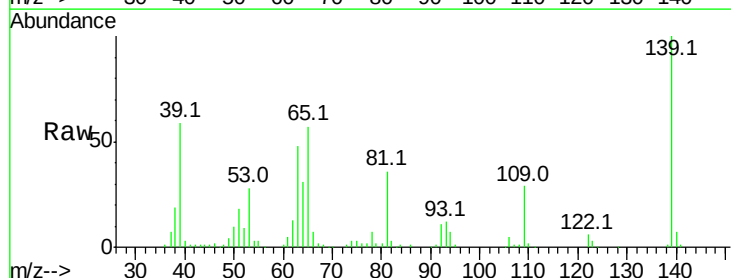
RT: 7.71 min Scan# 492

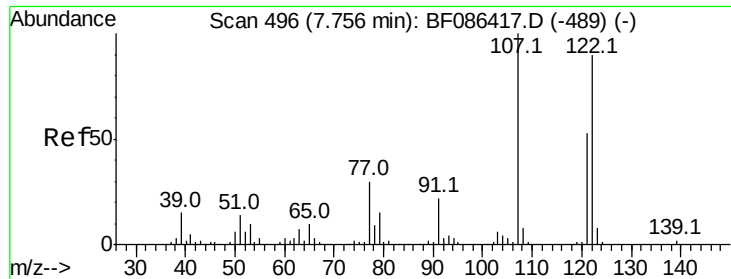
Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion:	139	Resp:	136104
Ion Ratio	Lower	Upper	
139	100		
109	29.3	19.5	29.3#
65	56.7	37.5	56.3#





#27

2,4-Dimethylphenol

Concen: 39.49 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

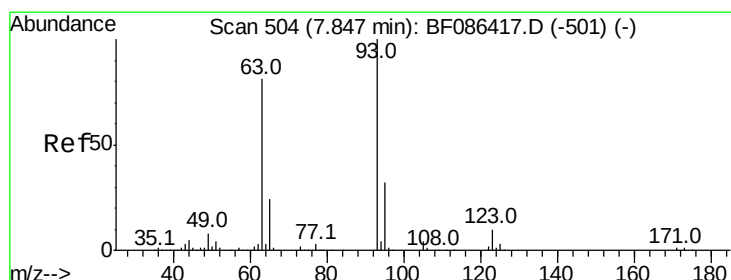
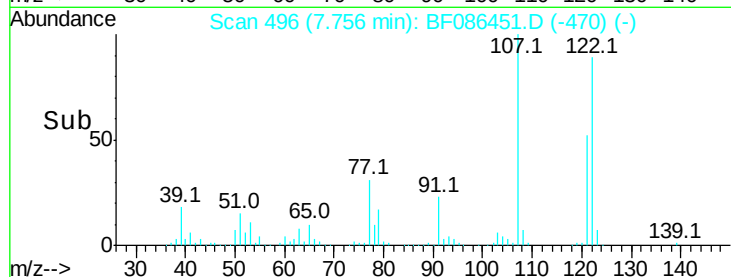
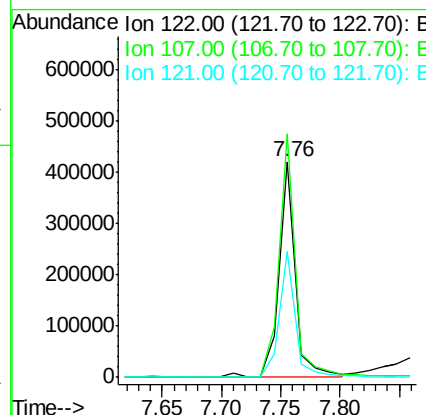
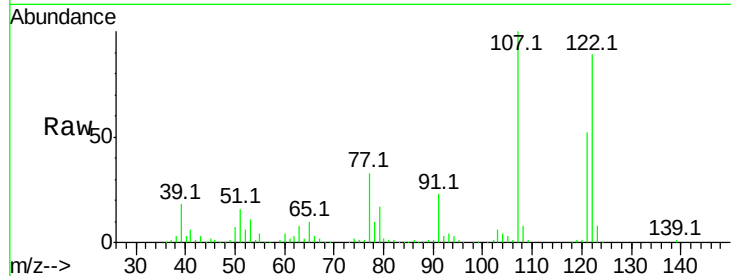
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	407056
Ion Ratio	Lower	Upper	
122	100		
107	112.8	82.0	123.0
121	58.4	46.1	69.1

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 39.30 ng

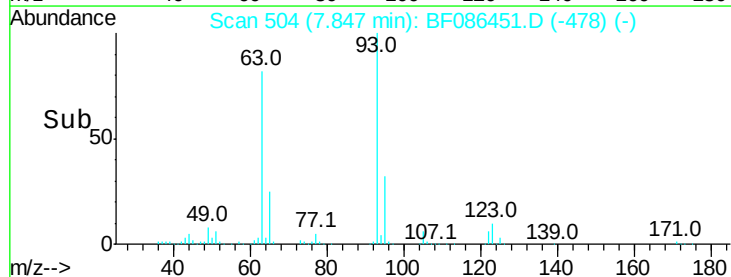
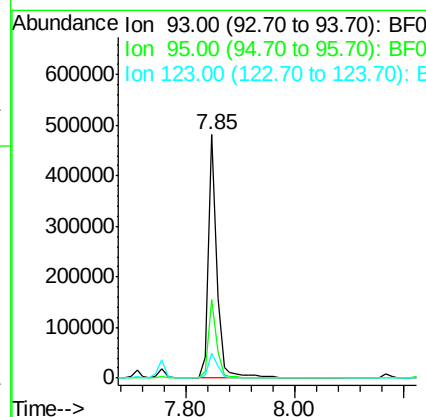
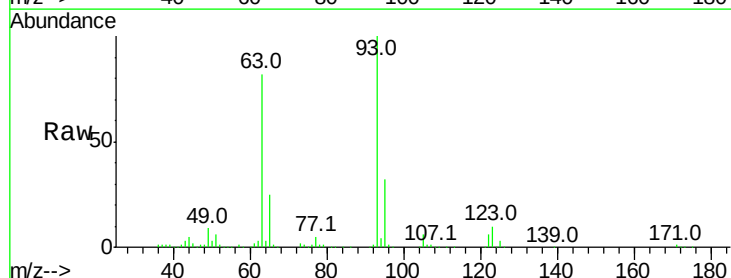
RT: 7.85 min Scan# 504

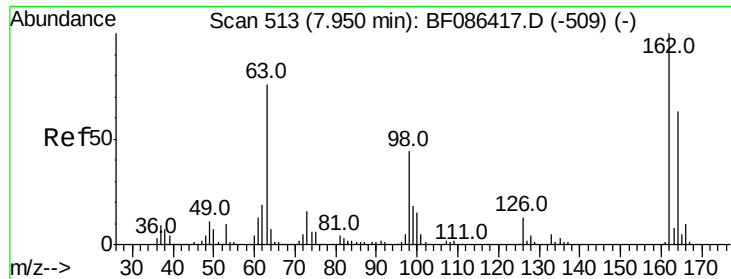
Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion:	93	Resp:	511121
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.0	39.0
123	10.0	9.5	14.3





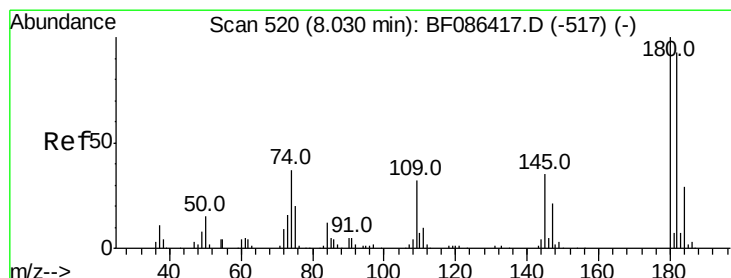
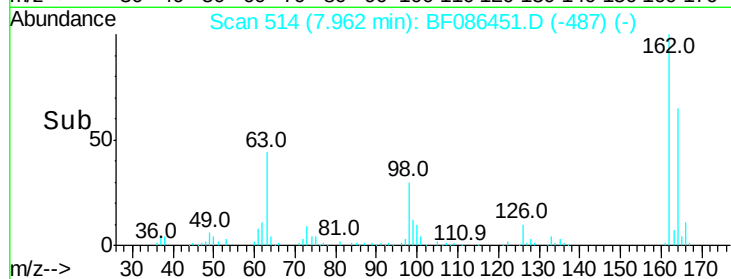
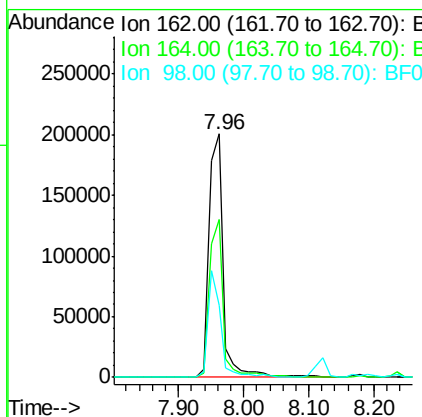
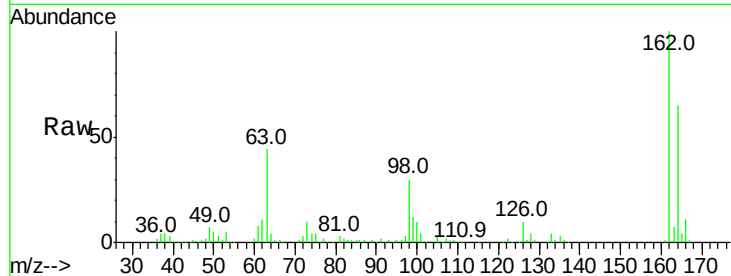
#29
 2,4-Dichlorophenol
 Concen: 35.45 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	308287
Ion Ratio	Lower	Upper	
162	100		
164	65.0	42.2	82.2
98	29.8	19.0	59.0

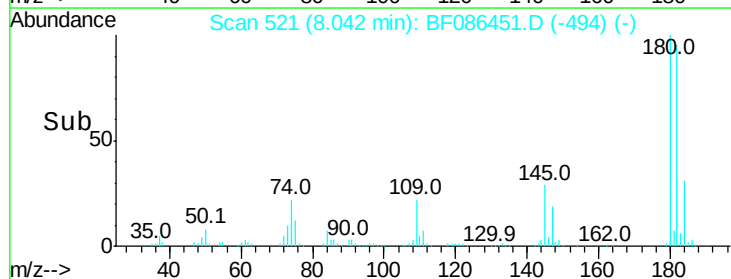
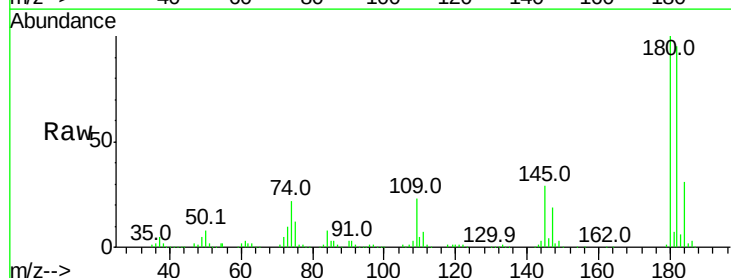
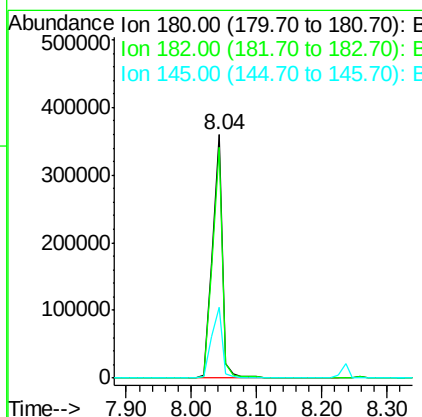
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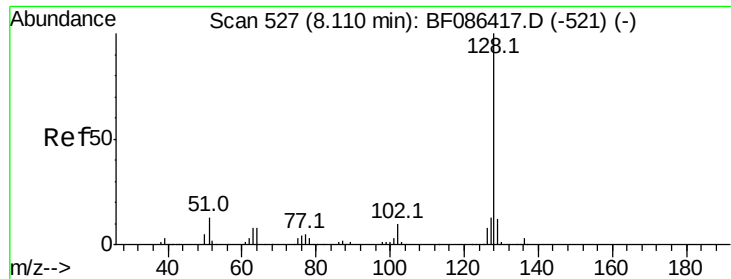
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.06 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.01 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion:	180	Resp:	394035
Ion Ratio	Lower	Upper	
180	100		
182	94.9	78.0	117.0
145	29.0	24.2	36.2





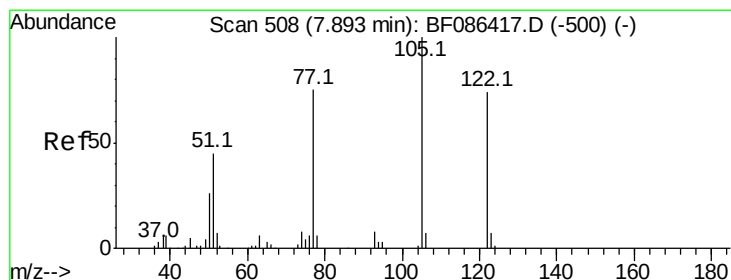
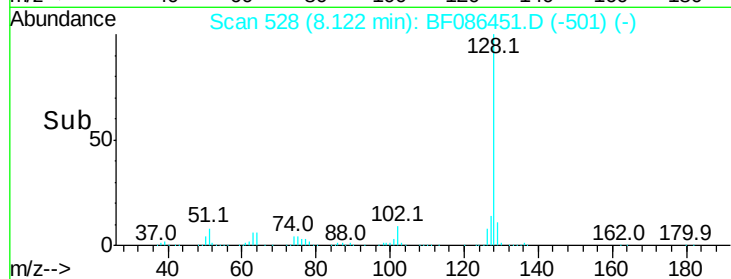
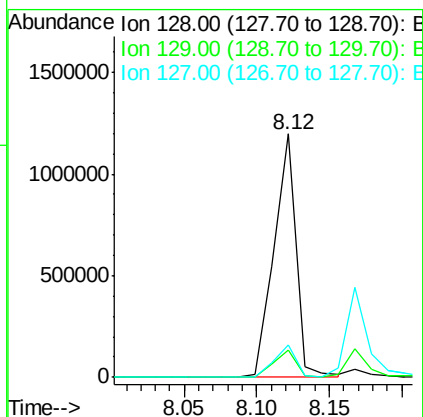
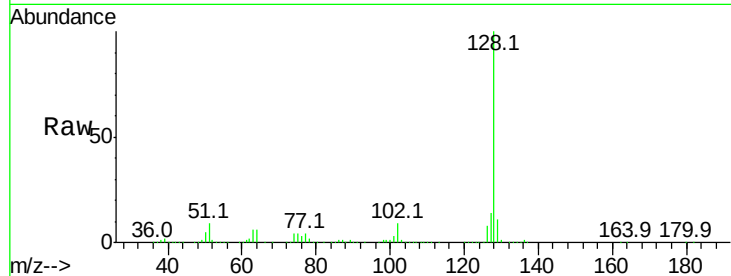
#31
Naphthalene
Concen: 37.24 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.6	10.8	16.2

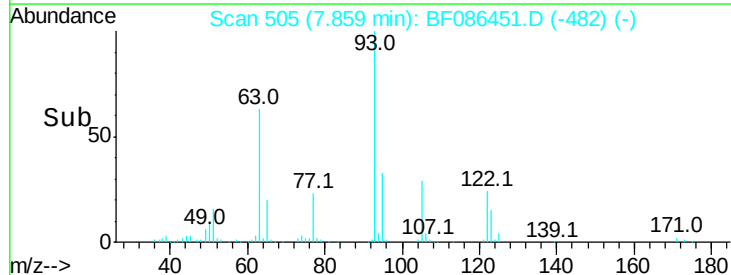
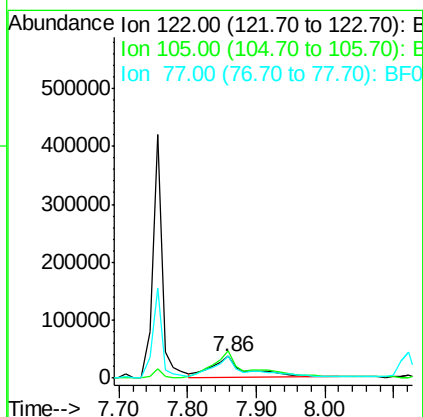
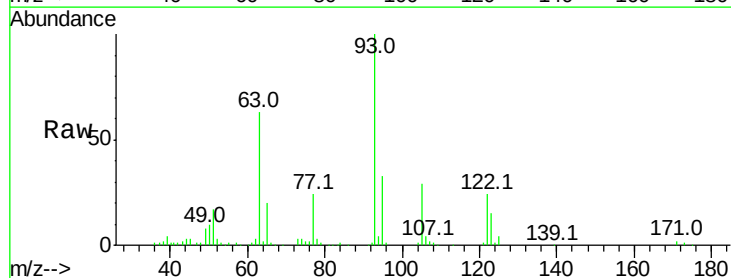
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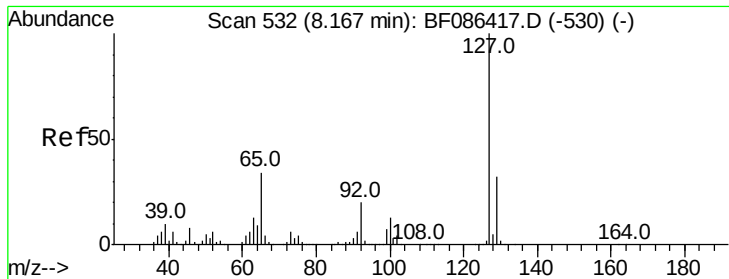
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#32
Benzoic acid
Concen: 25.25 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.03 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	92.6	132.6
77	101.2	60.0	100.0#





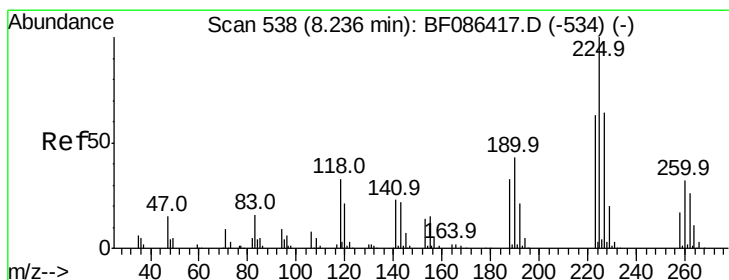
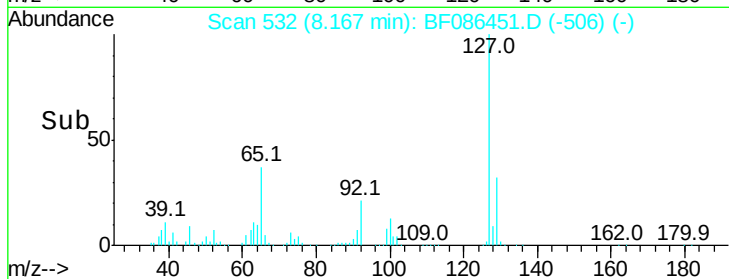
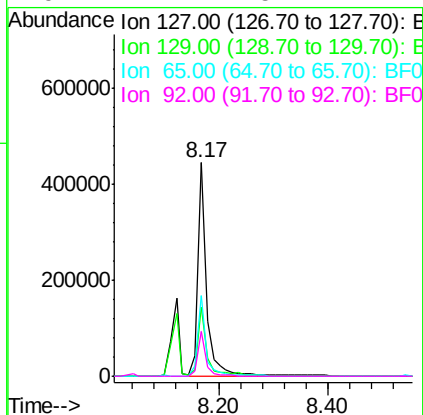
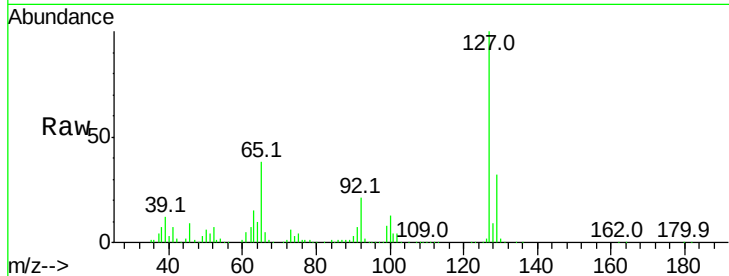
#33
4-Chloroaniline
Concen: 38.33 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.2	39.4	
65	37.9	23.0	34.4	
92	21.2	15.1	22.7	

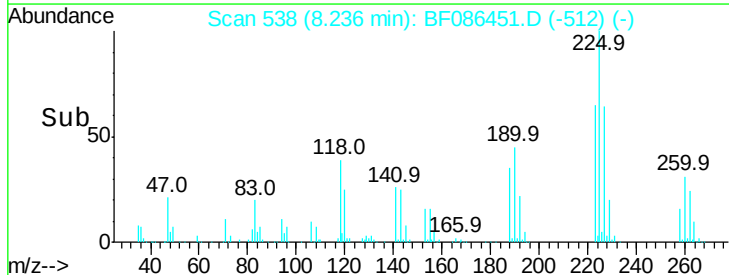
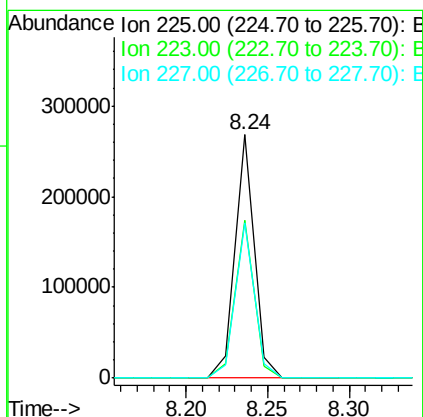
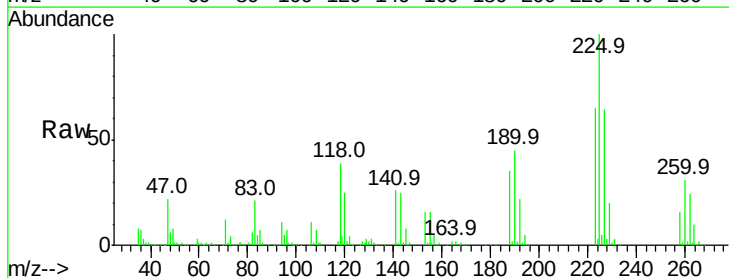
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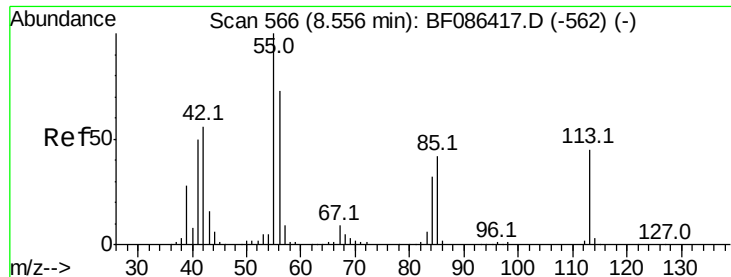
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#34
Hexachlorobutadiene
Concen: 38.43 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.8	51.5	77.3	
227	63.7	52.2	78.2	





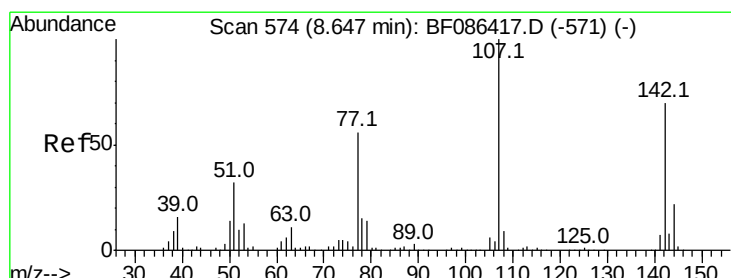
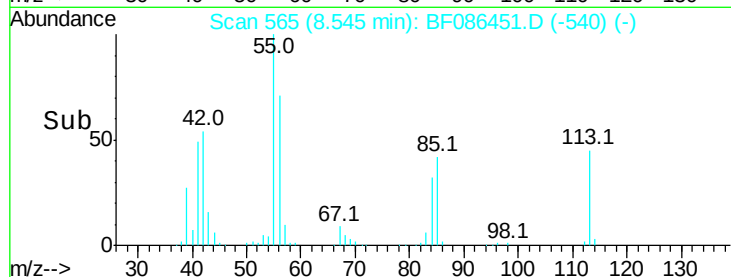
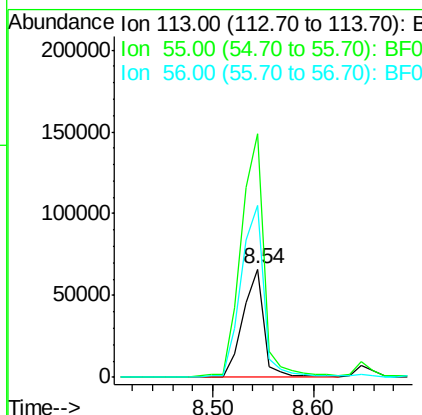
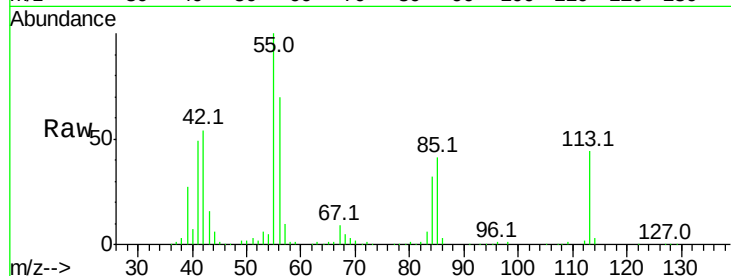
#35
 Caprolactam
 Concen: 33.23 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	225.3	162.0	202.0#		
56	158.9	115.3	155.3#		

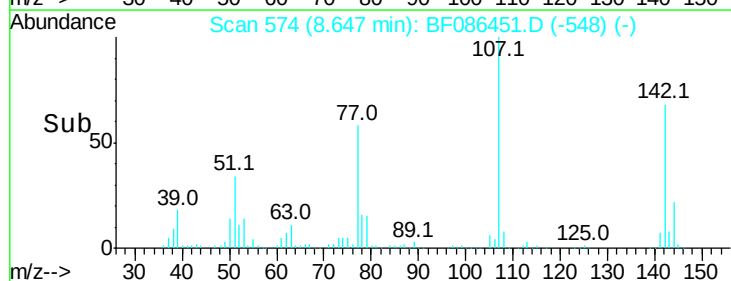
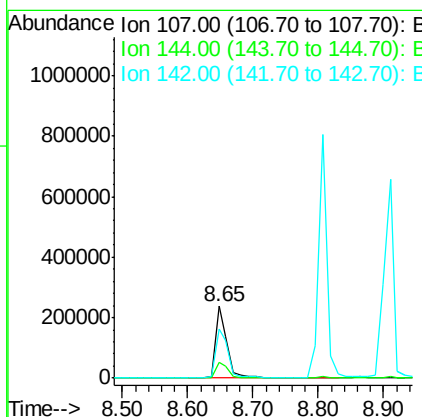
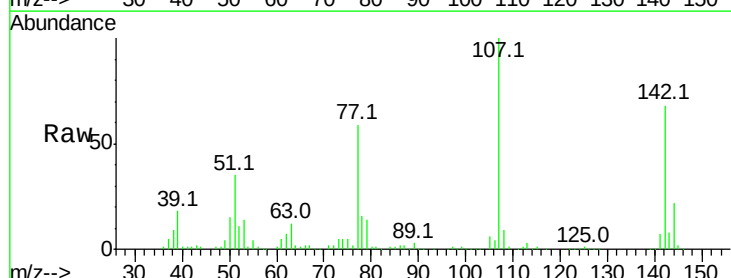
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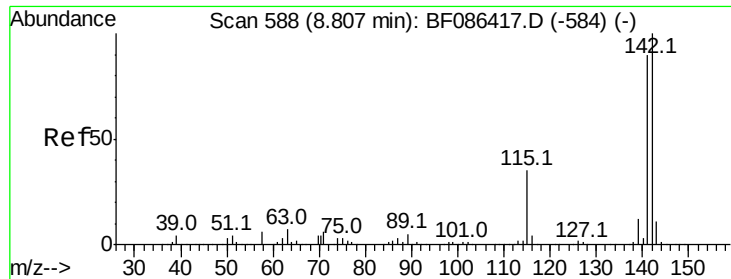
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#36
 4-Chloro-3-methylphenol
 Concen: 30.42 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	21.9	20.7	31.1		
142	68.2	63.2	94.8		





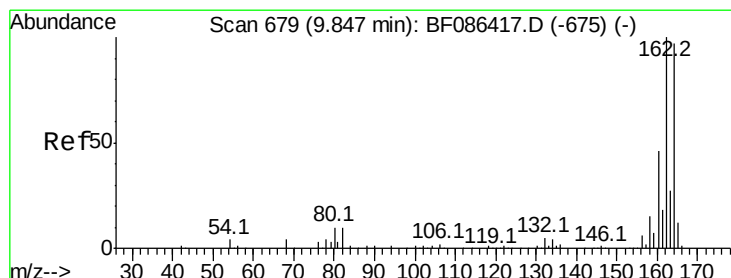
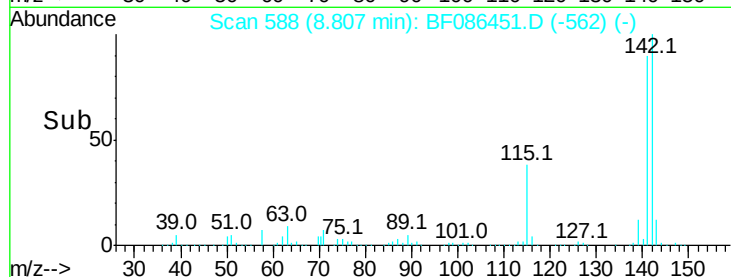
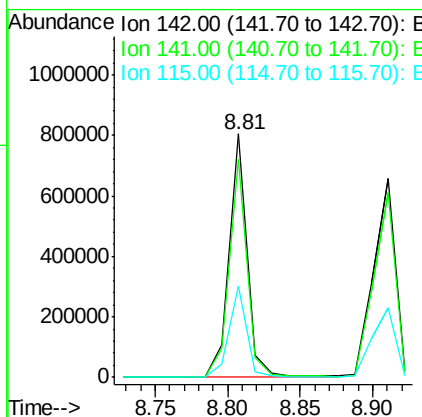
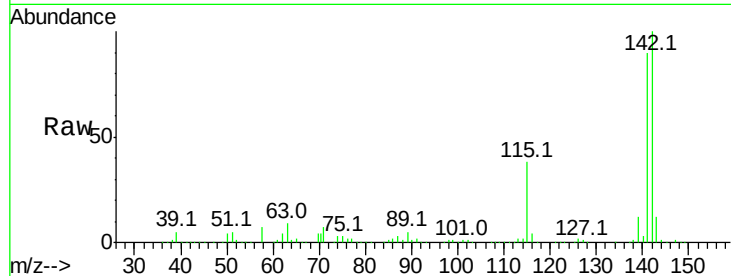
#37
2-Methylnaphthalene
Concen: 34.62 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	694982		
141	89.5		71.0	106.6
115	37.6		26.6	39.8

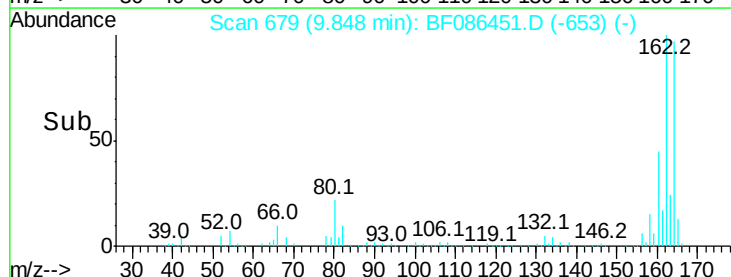
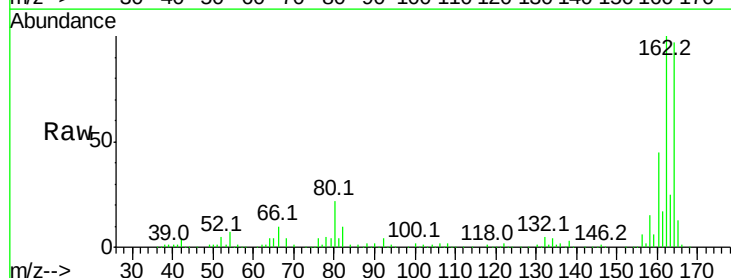
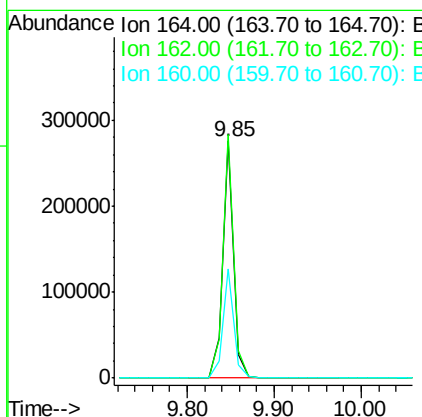
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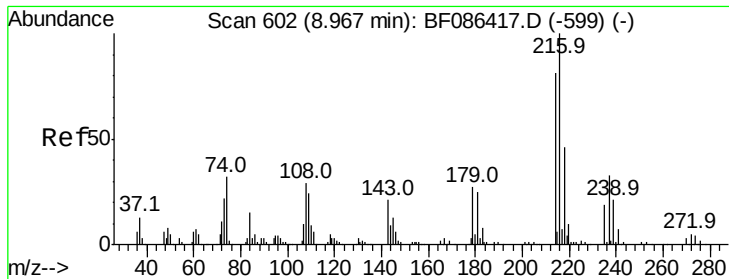
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	244034		
162	102.8		82.8	124.2
160	46.2		36.9	55.3





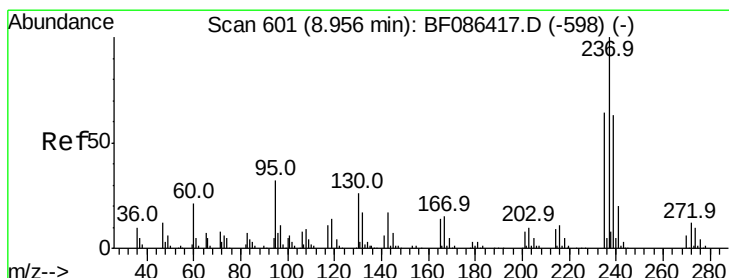
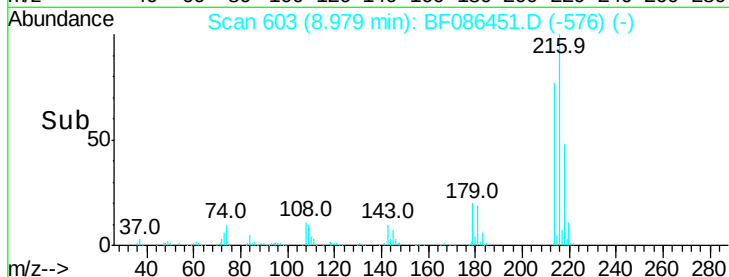
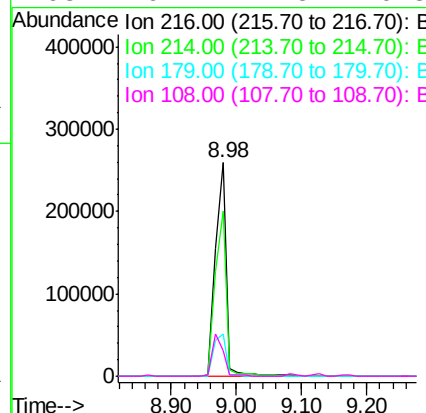
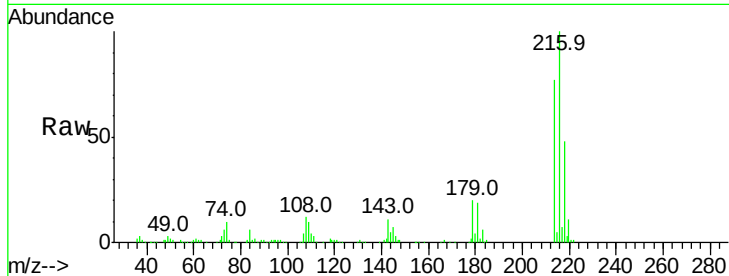
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.91 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.01 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	306752		
214	79.4	62.6	93.8	
179	22.5	18.2	27.4	
108	20.2	17.5	26.3	

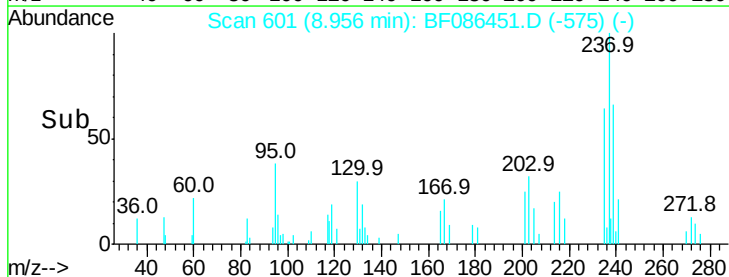
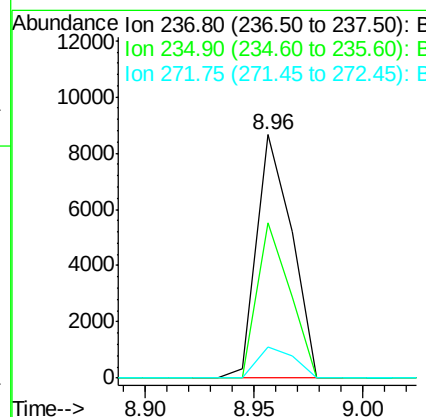
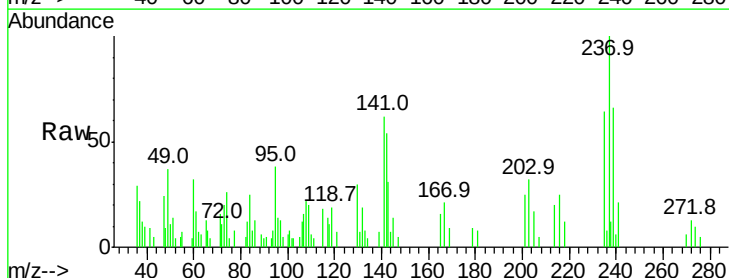
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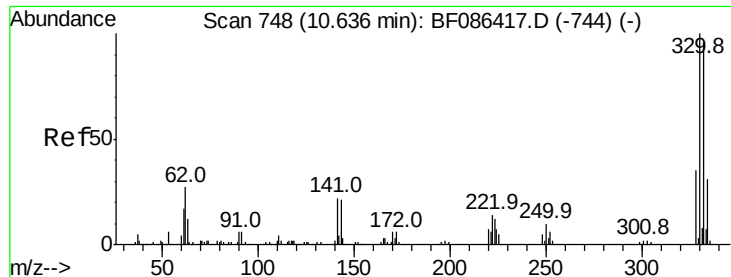
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#40
 Hexachlorocyclopentadiene
 Concen: 2.81 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	9738		
235	63.5	47.2	87.2	
272	12.7	0.0	31.1	





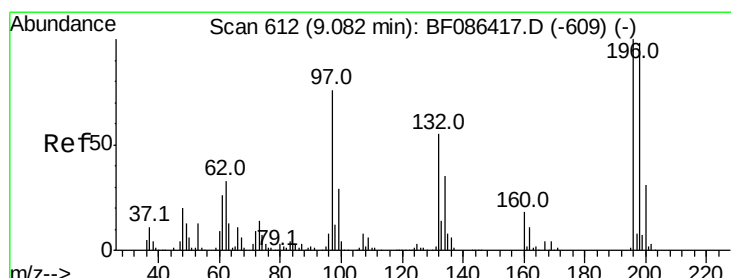
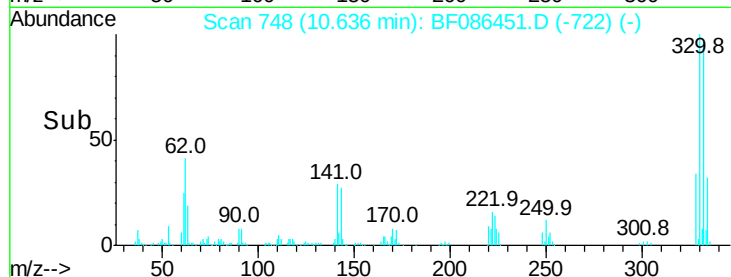
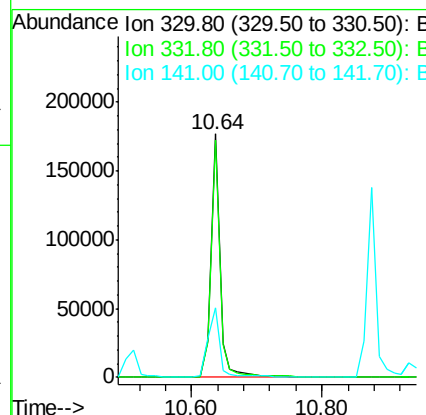
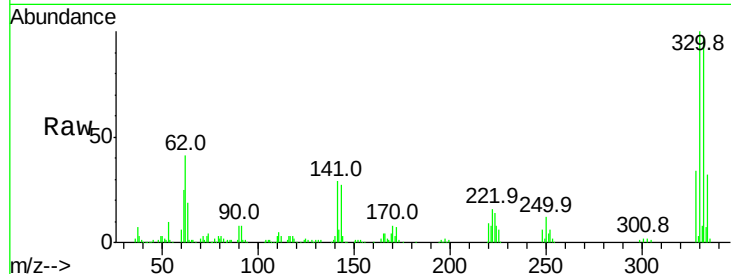
#41
 2,4,6-Tribromophenol
 Concen: 67.11 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	172708		
332	96.4	79.0	118.4	
141	35.4	31.2	46.8	

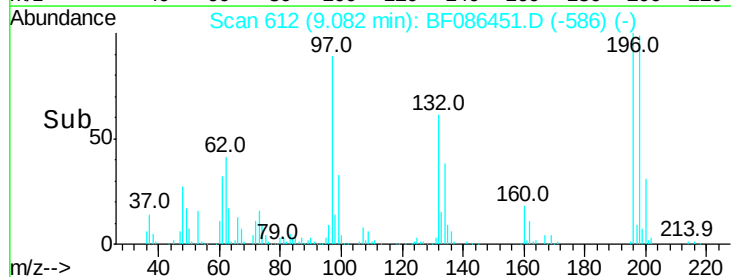
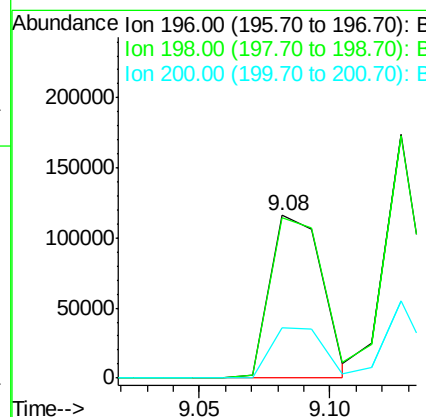
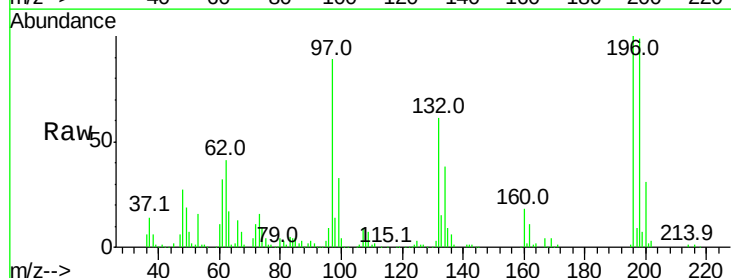
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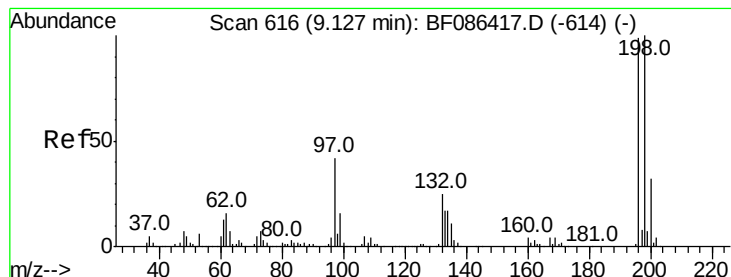
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#42
 2,4,6-Trichlorophenol
 Concen: 36.48 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161066		
198	99.0	74.7	112.1	
200	30.7	23.8	35.6	





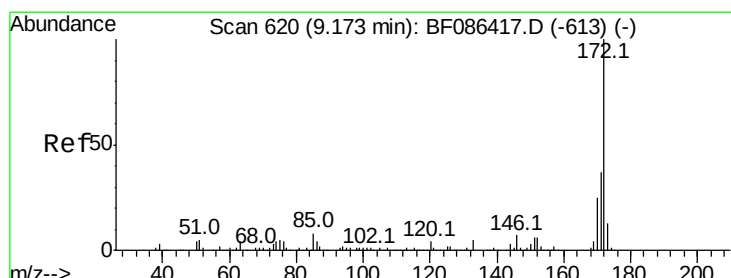
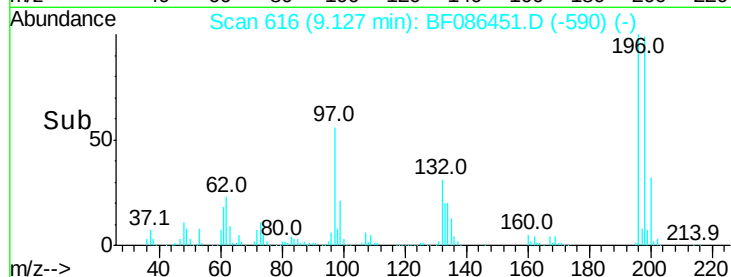
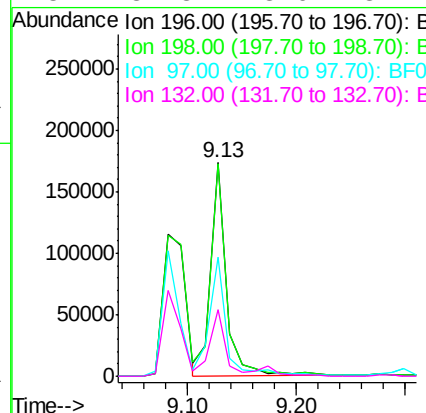
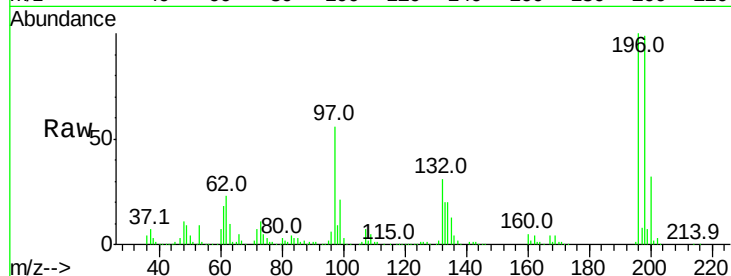
#43
 2,4,5-Trichlorophenol
 Concen: 36.31 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	174756		
198	99.4	77.5	116.3	
97	55.6	34.8	52.2	
132	31.3	23.0	34.4	

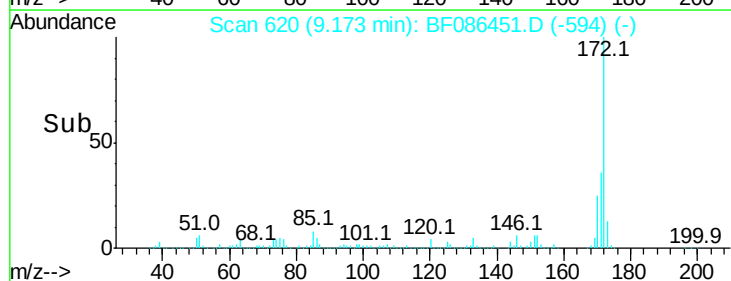
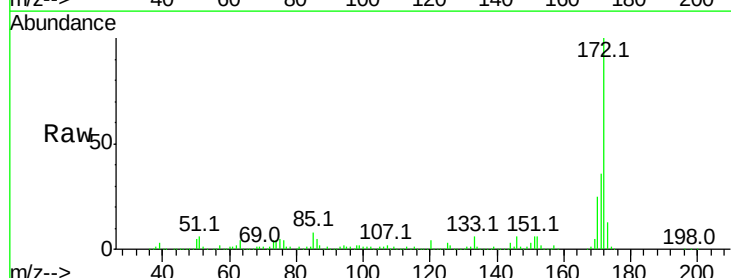
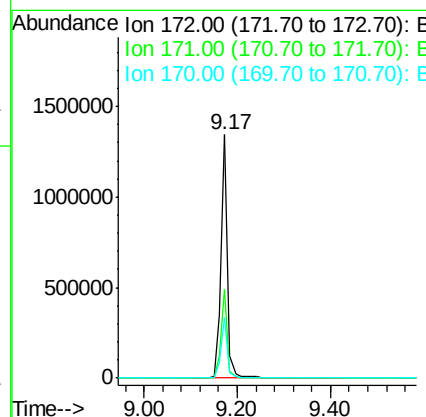
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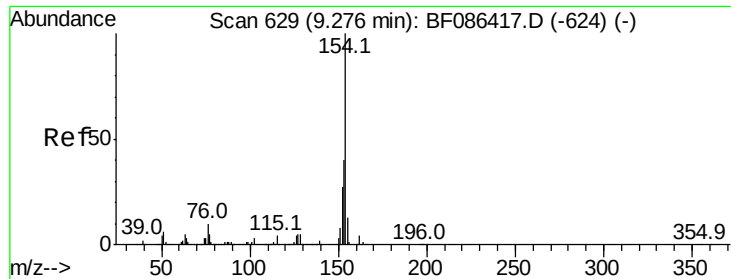
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#44
 2-Fluorobiphenyl
 Concen: 95.90 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1301715		
171	36.3	29.0	43.6	
170	24.9	19.8	29.8	





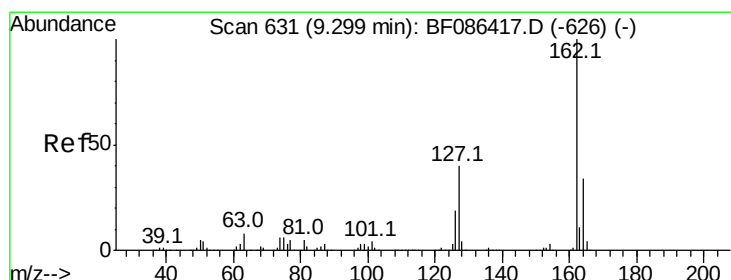
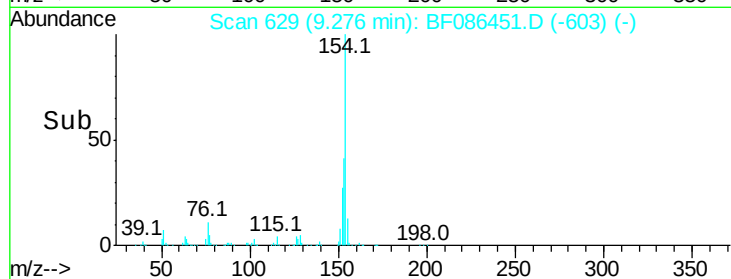
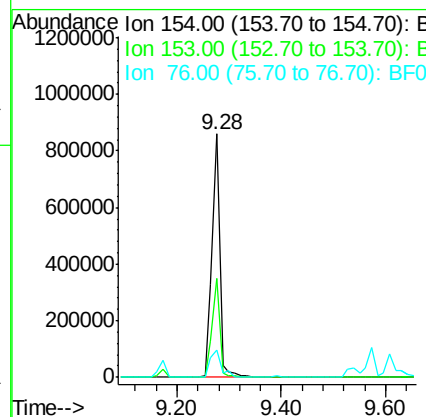
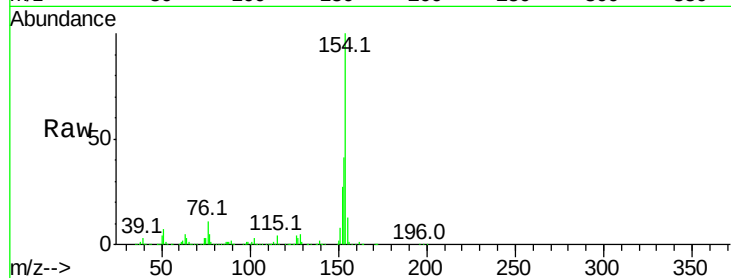
#45
 1,1'-Biphenyl
 Concen: 43.99 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
154	100	897205		
153	40.6	20.3	60.3	
76	11.2	0.0	30.2	

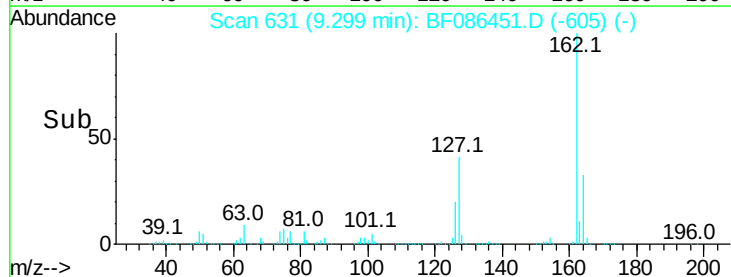
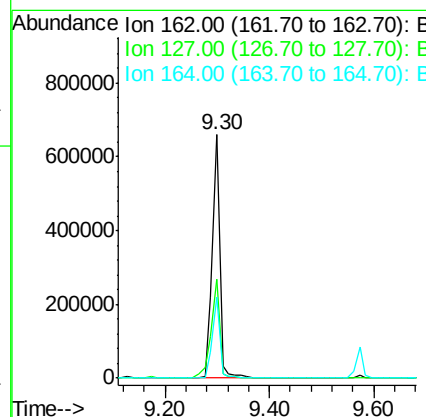
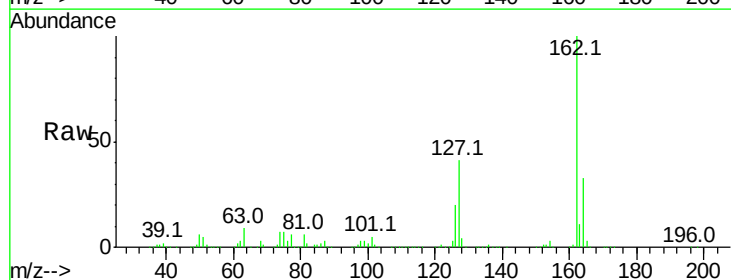
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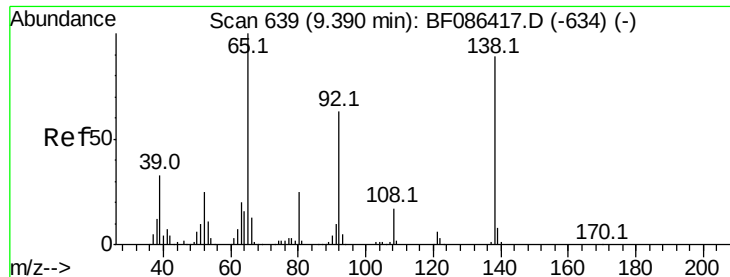
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#46
 2-Chloronaphthalene
 Concen: 42.86 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	664702		
127	40.6	31.8	47.6	
164	33.2	27.0	40.6	





#47

2-Nitroaniline

Concen: 43.80 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 217828

Ion Ratio Lower Upper

65 100

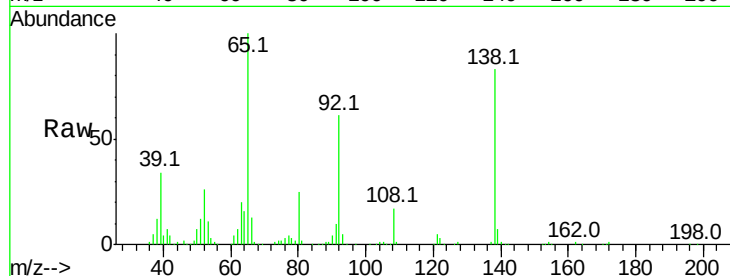
92 61.4 57.4 86.2

138 83.4 90.1 135.1#

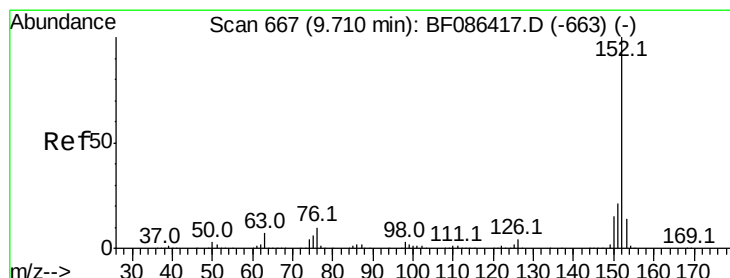
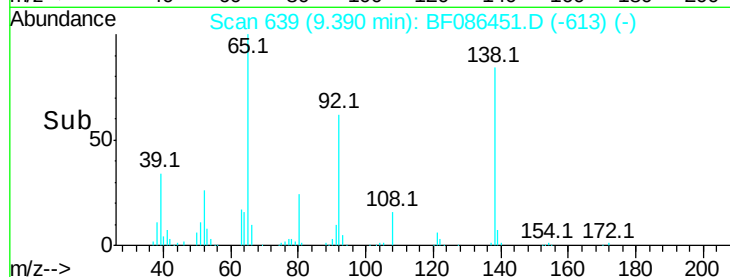
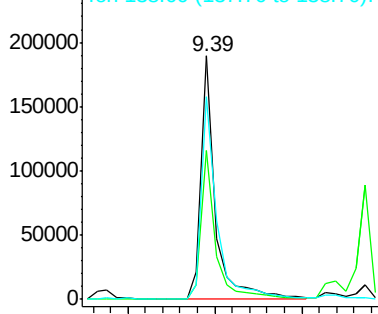
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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.17 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

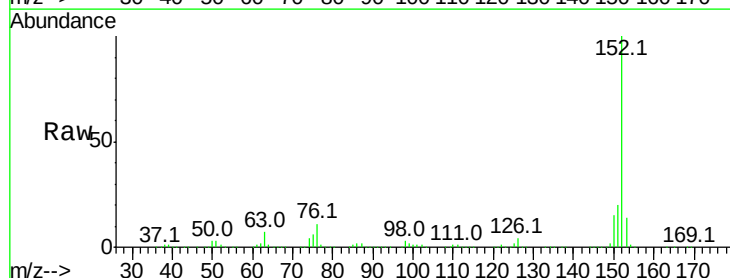
Tgt Ion: 152 Resp: 949471

Ion Ratio Lower Upper

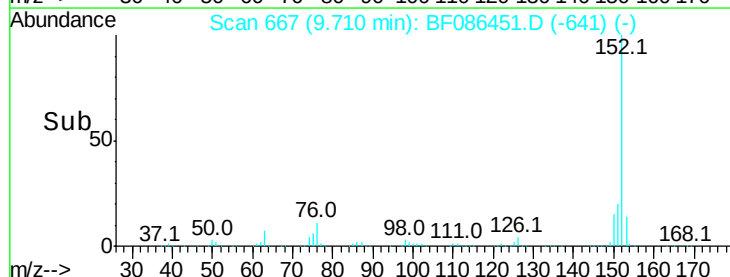
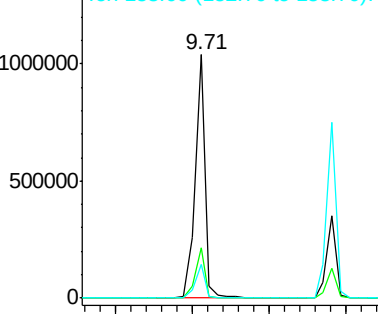
152 100

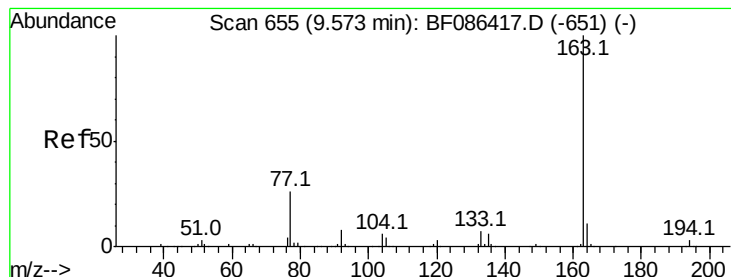
151 20.5 16.8 25.2

153 14.1 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 40.39 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

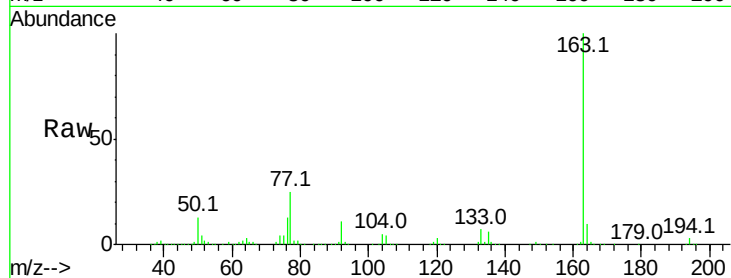
ClientSampleId :

SSTDCCC040

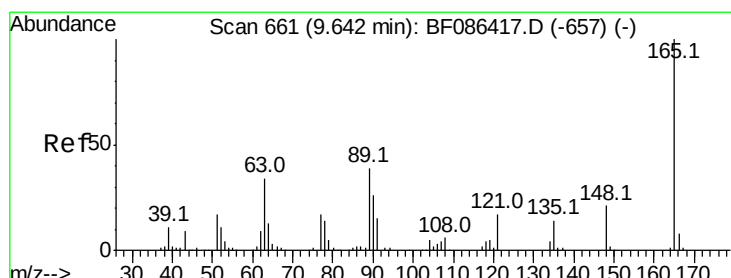
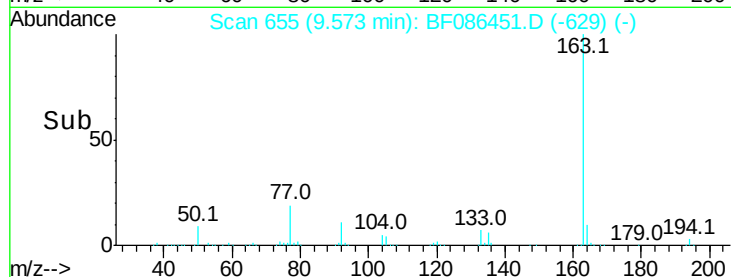
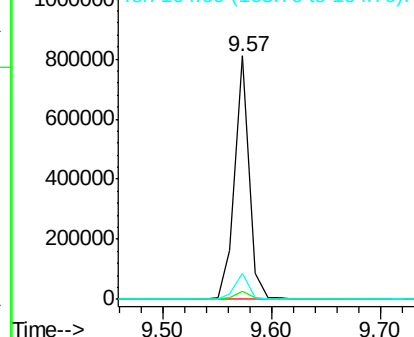
Tot Ion:	163	Resp:	742108
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.5	8.2	12.4

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



#50

2,6-Dinitrotoluene

Concen: 33.51 ng

RT: 9.63 min Scan# 660

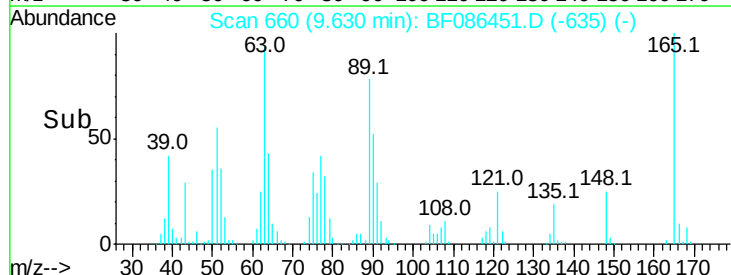
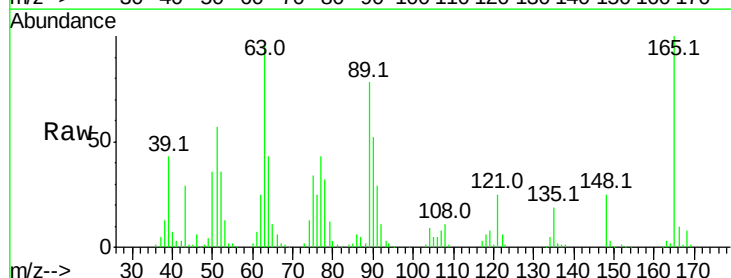
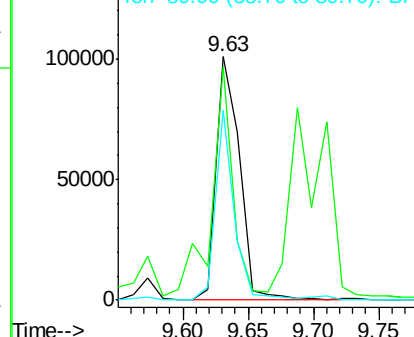
Delta R.T. -0.01 min

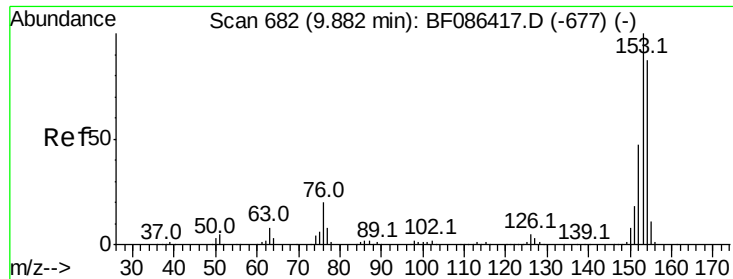
Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion:	165	Resp:	127167
Ion Ratio	Lower	Upper	
165	100		
63	95.8	51.8	77.8#
89	77.8	50.7	76.1#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.12 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

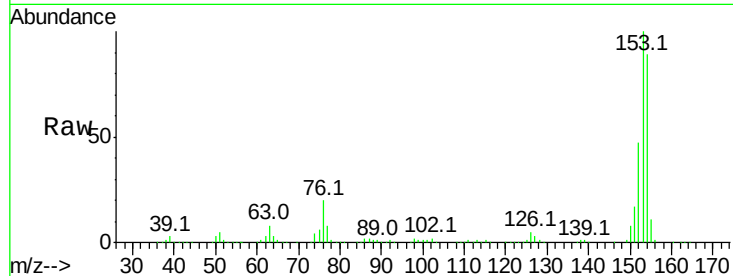
ClientSampleId :

SSTDCCC040

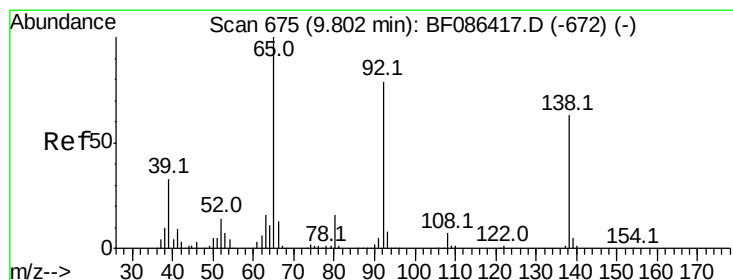
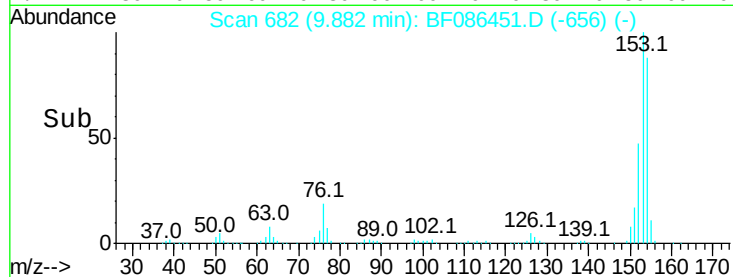
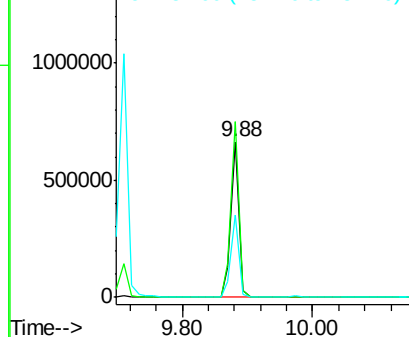
Tot Ion:	154	Resp:	577967
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.8	134.6
152	52.8	43.4	65.0

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



#52

3-Nitroaniline

Concen: 40.31 ng

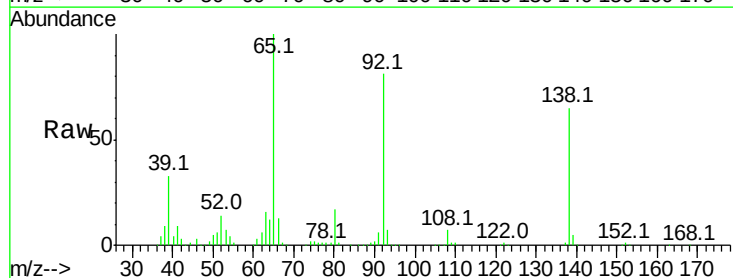
RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

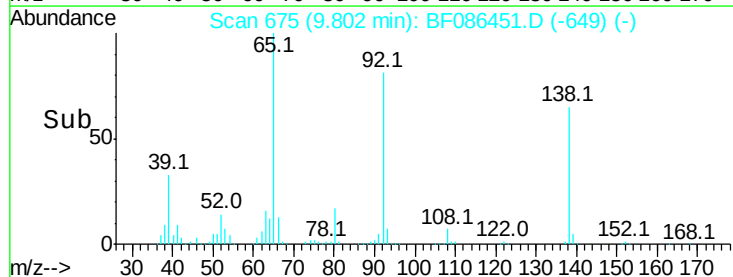
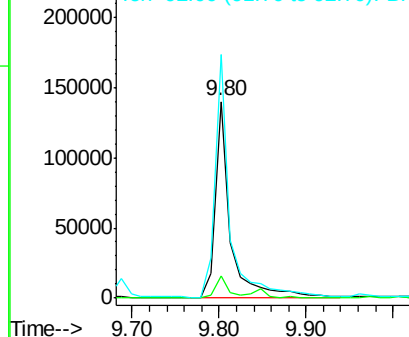
Lab File: BF086451.D

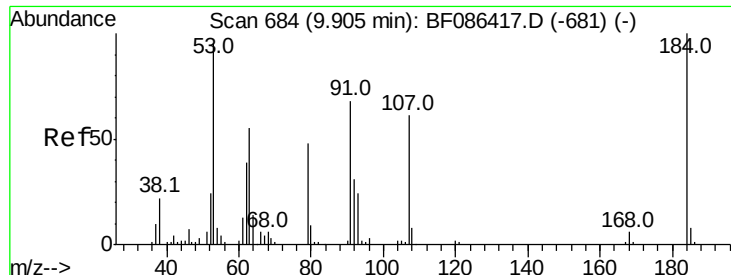
Acq: 28 Apr 2016 4:17

Tgt Ion:	138	Resp:	173987
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.8	11.6
92	123.8	87.8	131.8



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





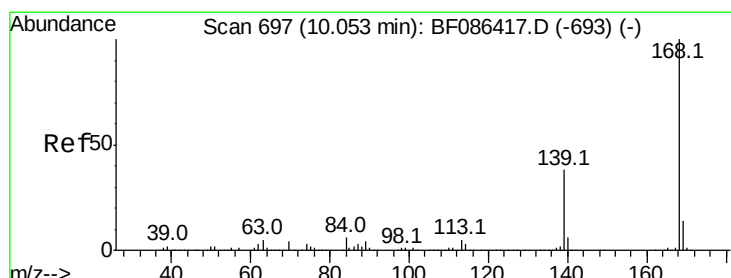
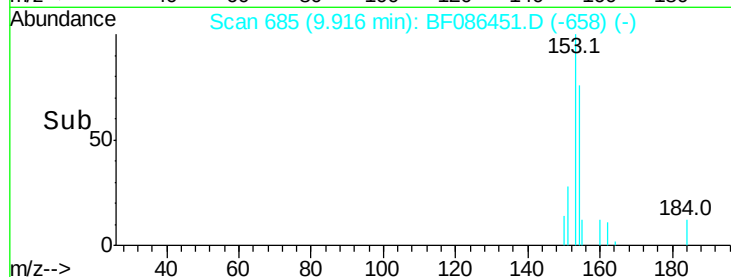
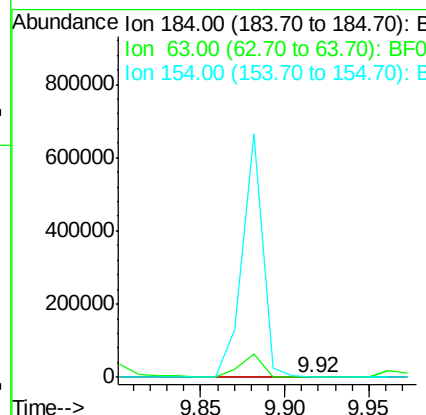
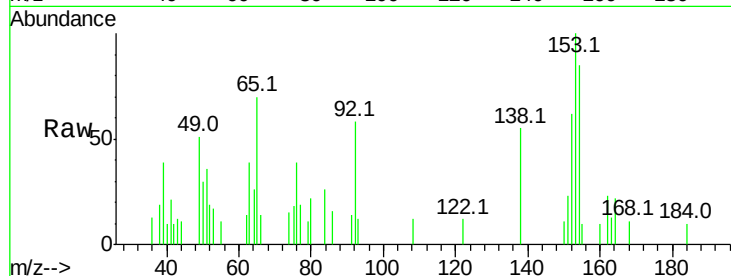
#53
 2,4-Dinitrophenol
 Concen: 7.93 ng/mL
 RT: 9.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	382.9	55.8	83.8#
154	834.9	62.4	93.6#

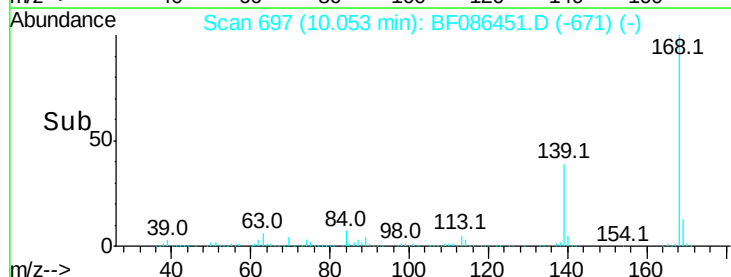
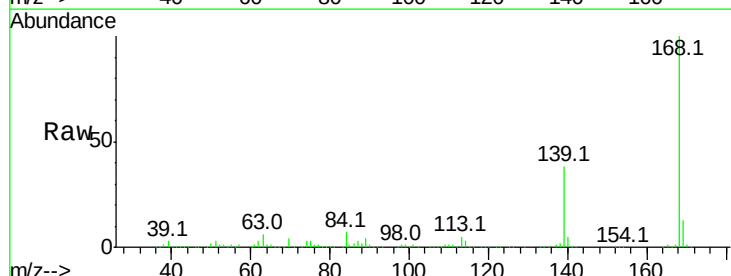
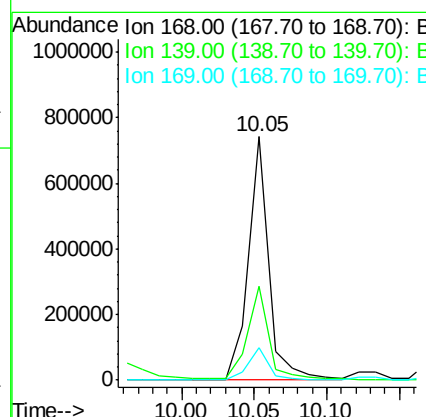
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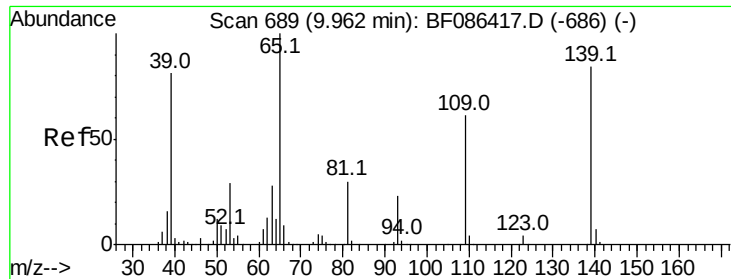
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#54
 Dibenzofuran
 Concen: 37.51 ng/mL
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.4	47.0
169	13.4	10.7	16.1





#55

4-Nitrophenol

Concen: 28.39 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

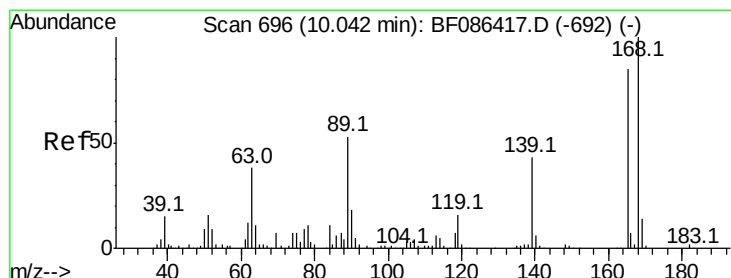
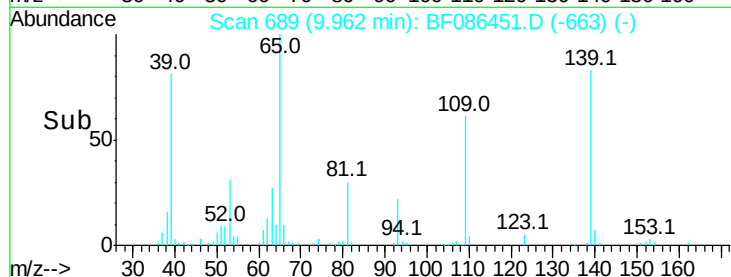
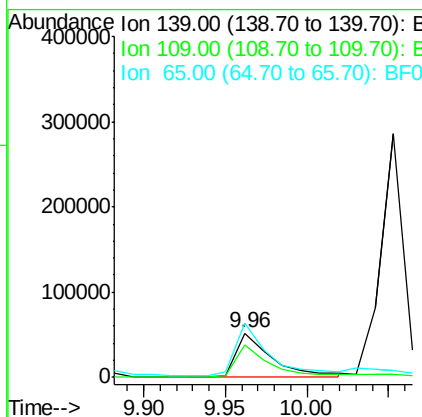
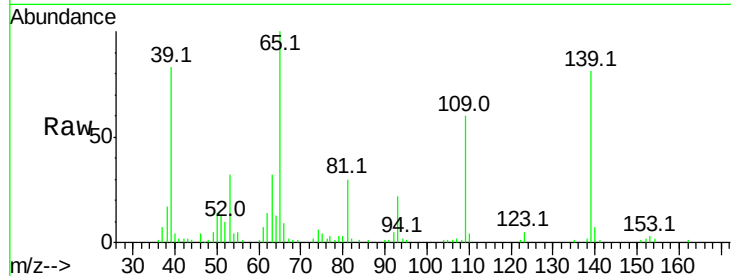
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	80245
Ion Ratio	Lower	Upper	
139	100		
109	73.4	36.9	76.9
65	122.8	64.0	104.0#

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#56

2,4-Dinitrotoluene

Concen: 31.38 ng

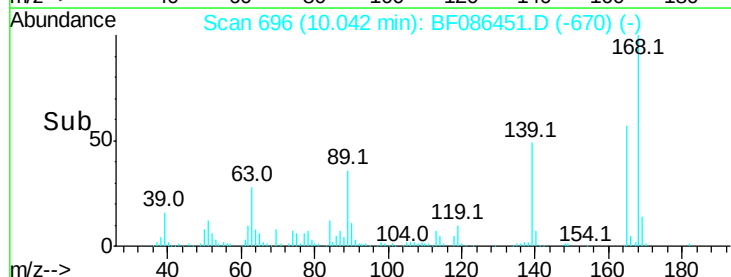
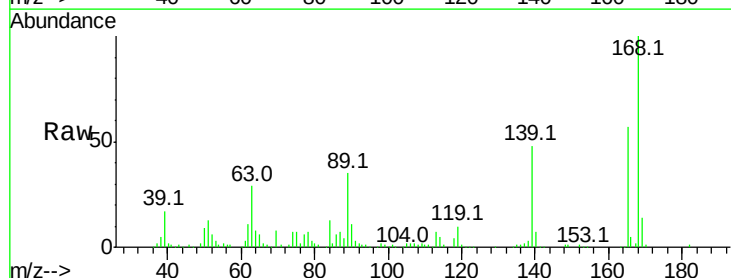
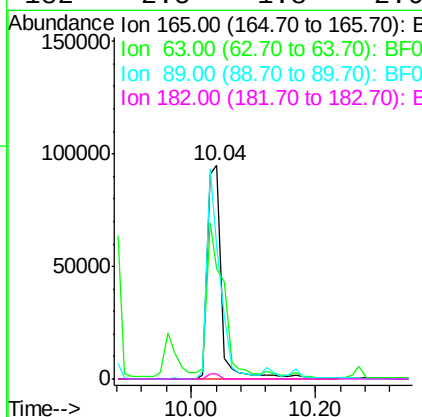
RT: 10.04 min Scan# 696

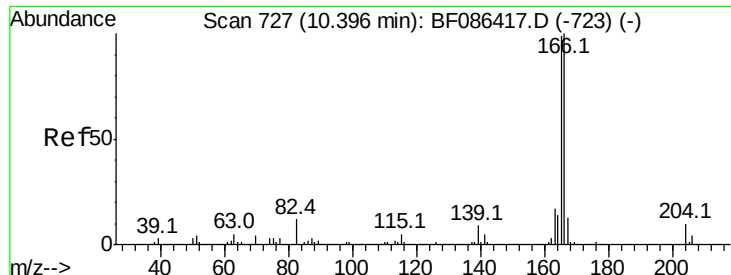
Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion:	165	Resp:	151806
Ion Ratio	Lower	Upper	
165	100		
63	51.7	44.3	66.5
89	62.4	70.0	105.0#
182	2.5	1.8	2.6





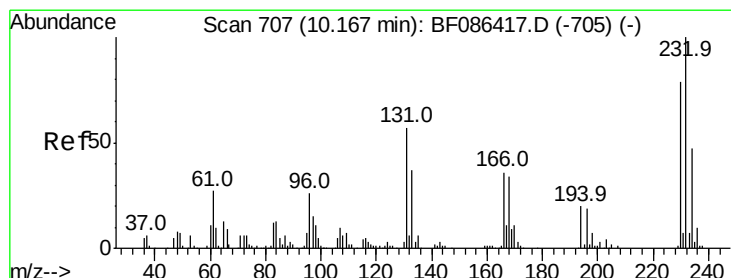
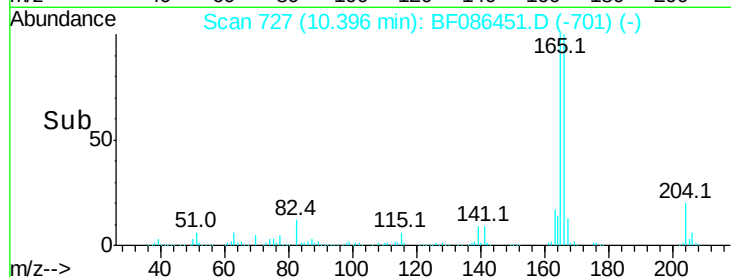
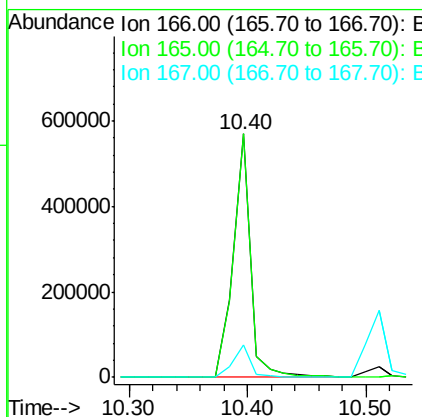
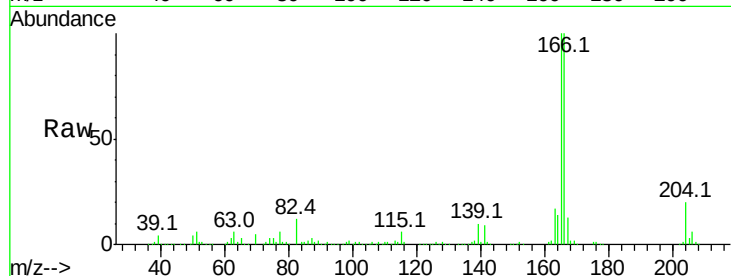
#57
 Fluorene
 Concen: 34.31 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.0	79.0	118.6	
167	13.3	10.6	15.8	

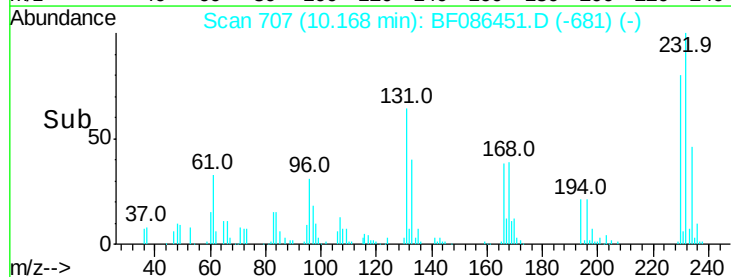
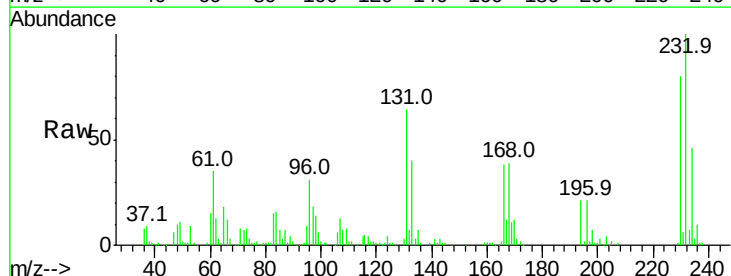
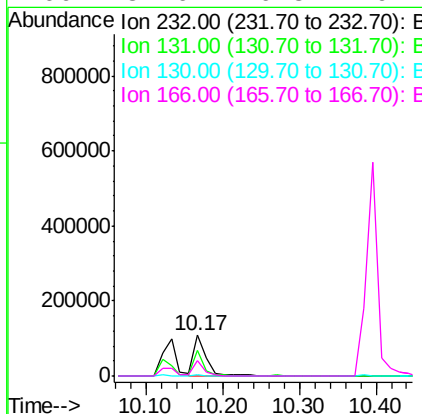
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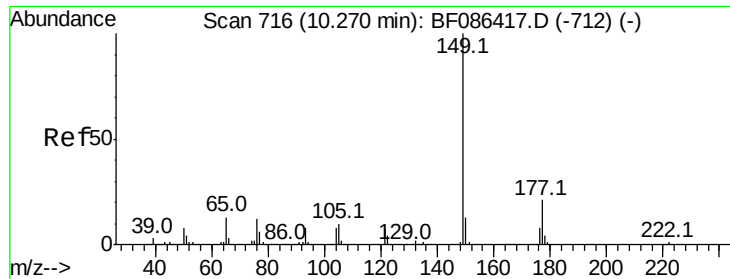
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.13 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	54.6	41.9	62.9	
130	2.5	2.2	3.4	
166	31.6	26.8	40.2	





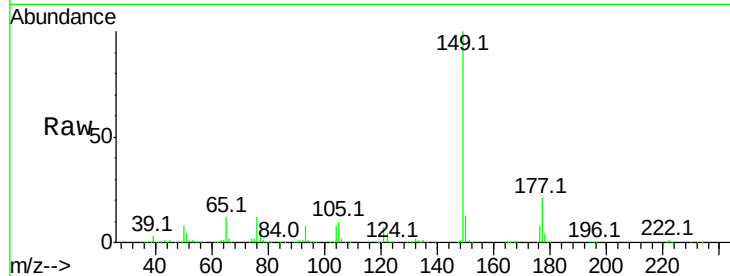
#59
Diethylphthalate
Concen: 38.21 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

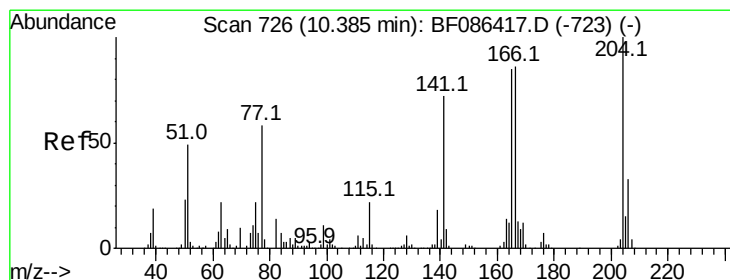
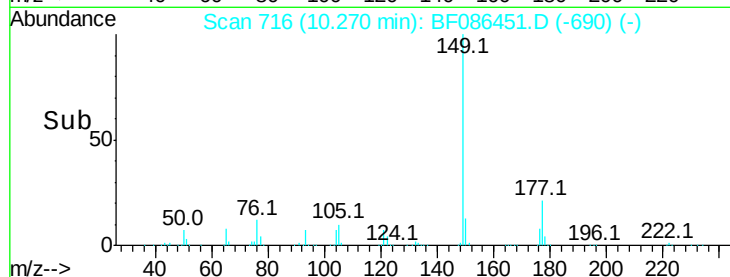
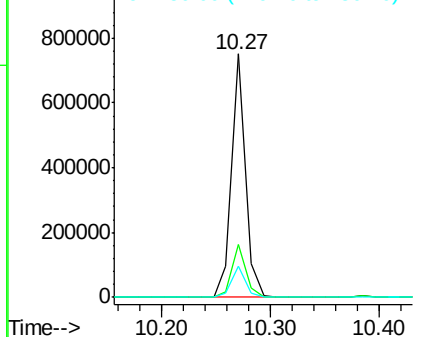
Tot Ion	Ratio	Resp	Lower	Upper
149	100	664559		
177	21.5	16.6	24.8	
150	13.0	10.0	15.0	

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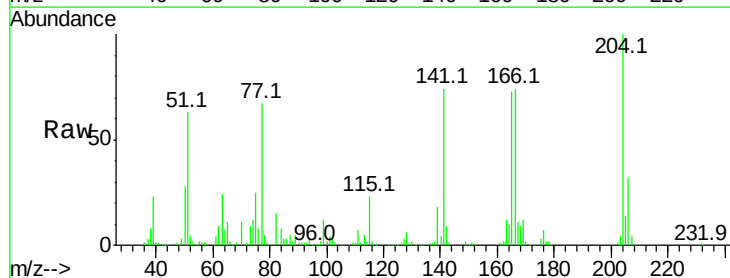


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

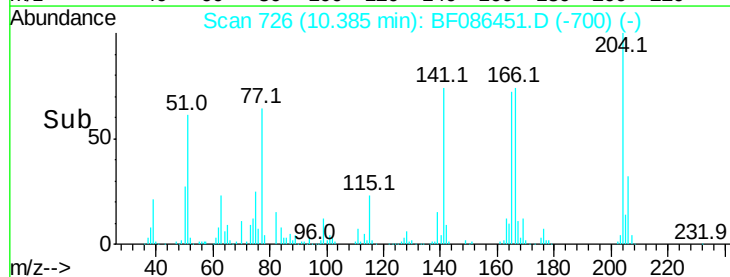
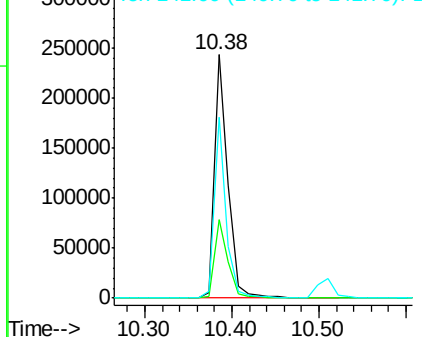


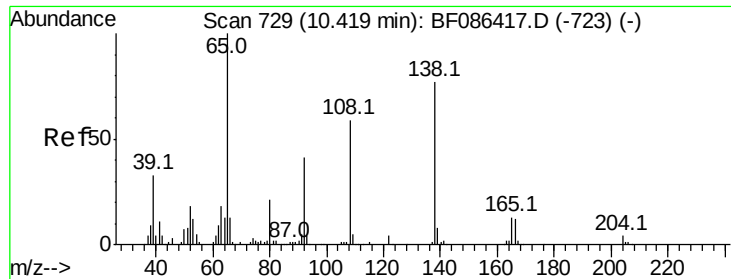
#60
4-Chlorophenyl-phenylether
Concen: 34.79 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	266869		
206	32.0	25.4	38.0	
141	74.1	61.6	92.4	



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: 38.45 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

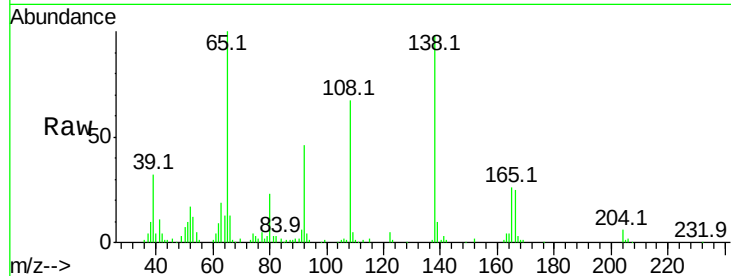
ClientSampled :

SSTDCCC040

Tot Ion:	138	Resp:	162243
Ion Ratio	Lower	Upper	
138	100		
92	46.5	24.7	64.7
108	67.8	37.4	77.4

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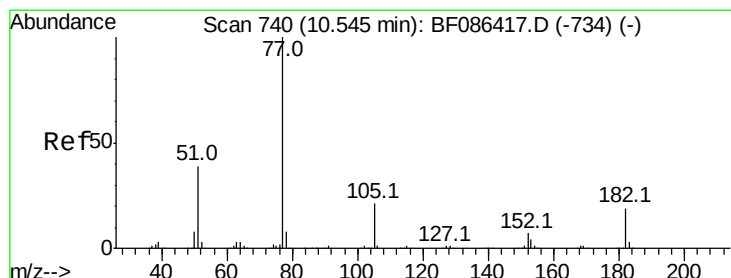
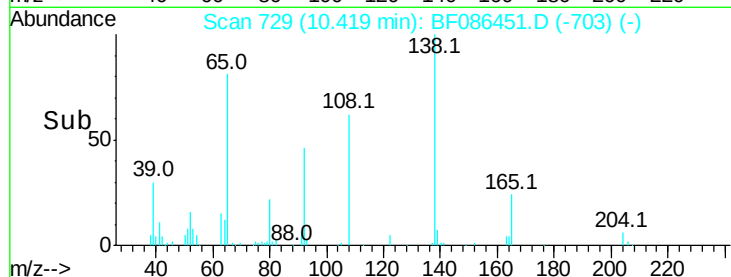
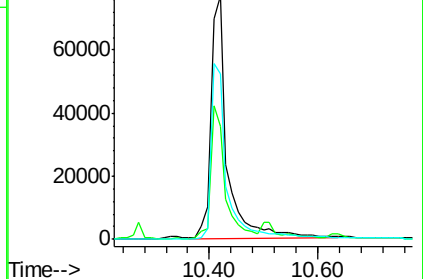
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.03 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

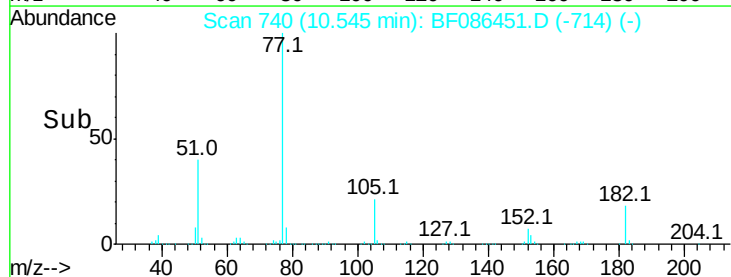
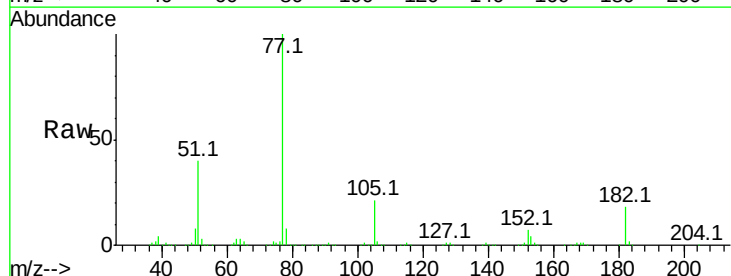
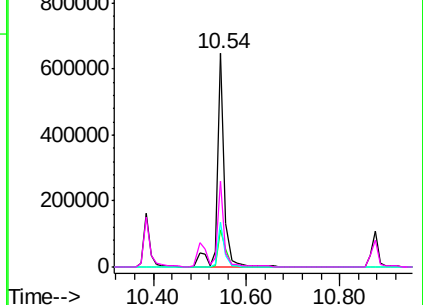
Tgt Ion:	77	Resp:	667342
Ion Ratio	Lower	Upper	
77	100		
182	17.7	0.0	38.8
105	21.0	3.2	43.2
51	40.3	8.8	48.8

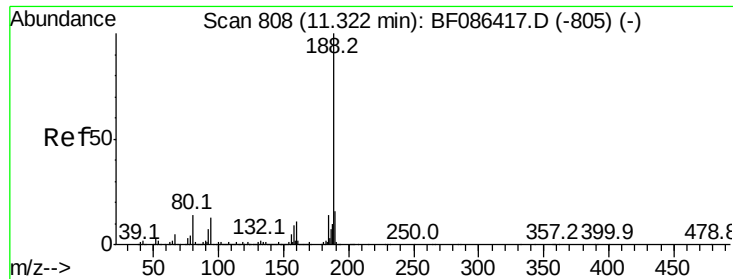
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

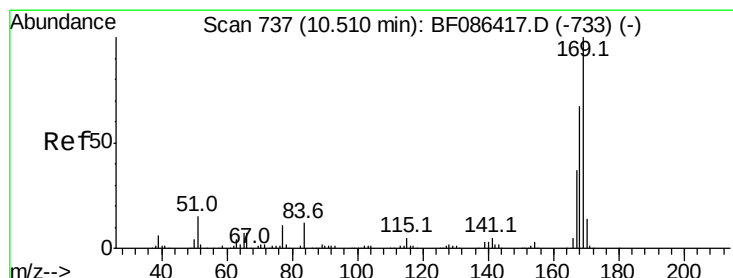
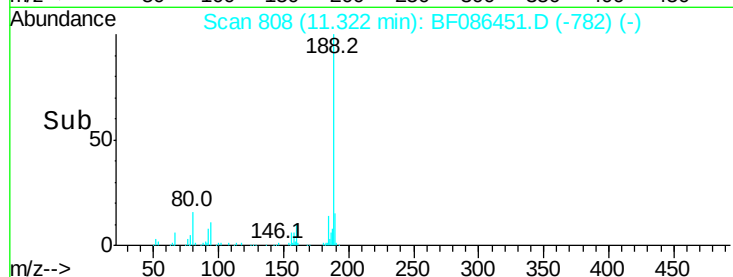
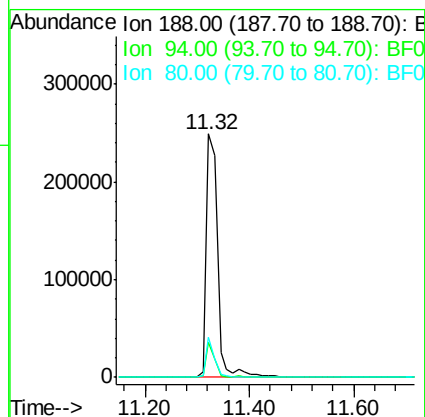
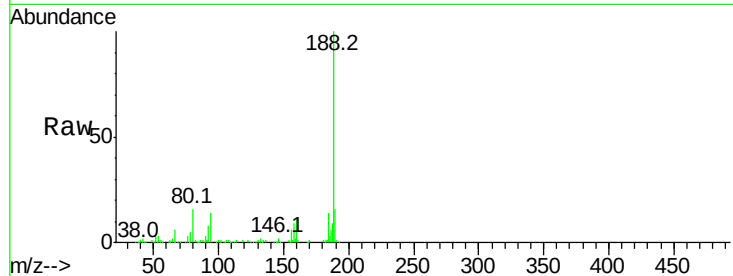
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	377896
Ion Ratio	Lower	Upper	
188	100		
94	14.4	6.8	10.2#
80	16.4	7.1	10.7#

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#65

n-Nitrosodiphenylamine

Concen: 41.33 ng

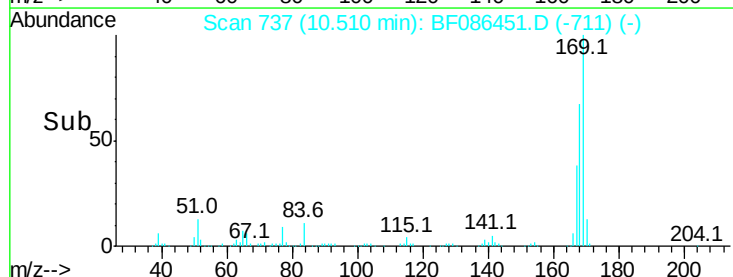
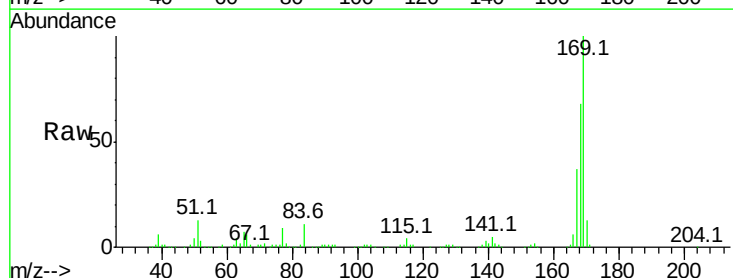
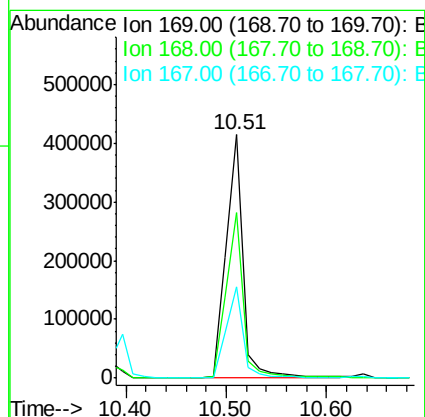
RT: 10.51 min Scan# 737

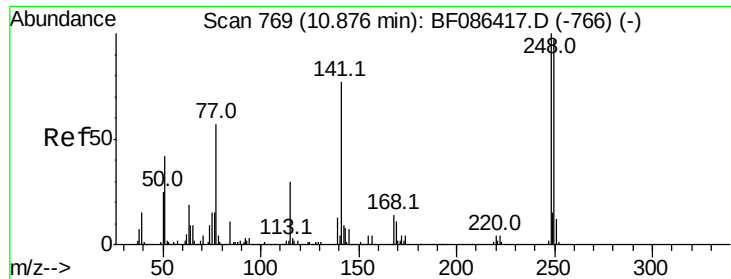
Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion:	169	Resp:	488142
Ion Ratio	Lower	Upper	
169	100		
168	67.7	53.8	80.6
167	37.5	29.5	44.3





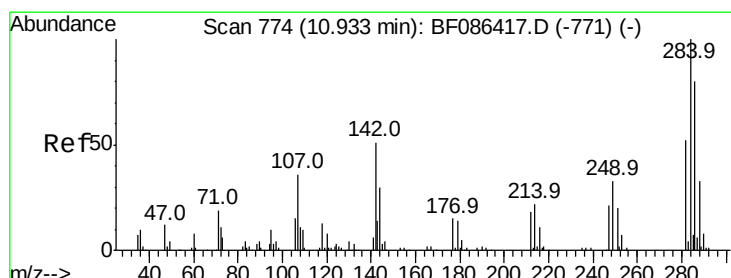
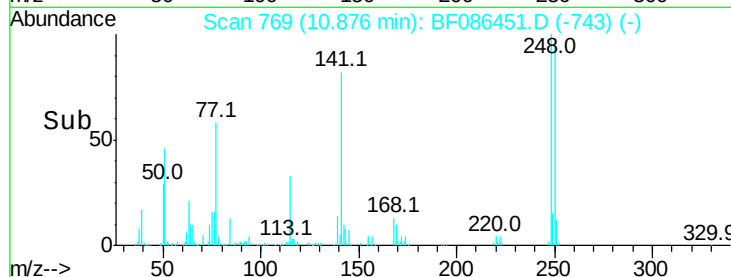
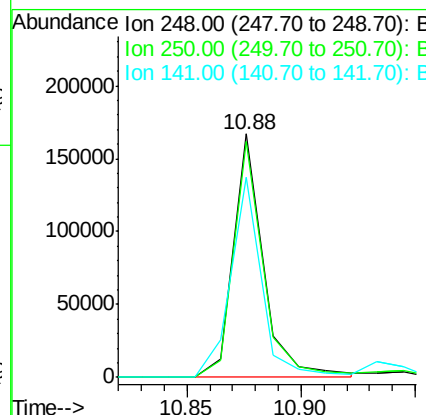
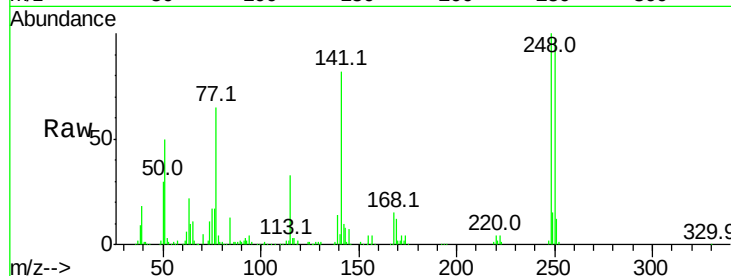
#66
4-Bromophenyl-phenylether
Concen: 39.09 ng/mL
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.6	117.8
141	82.3	76.0	114.0

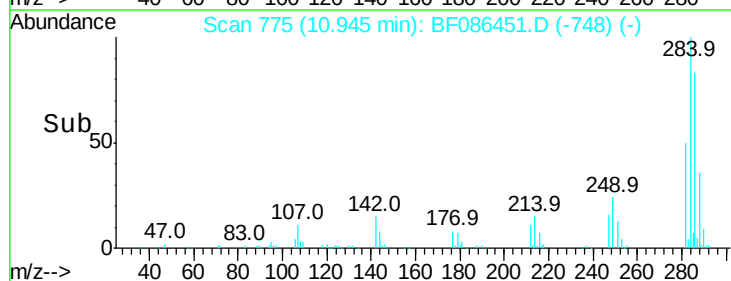
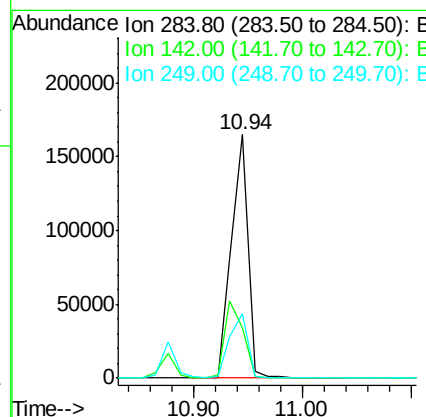
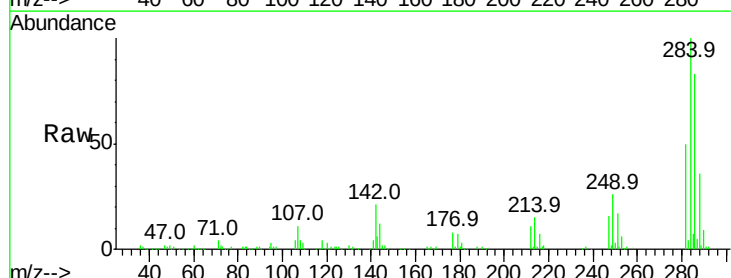
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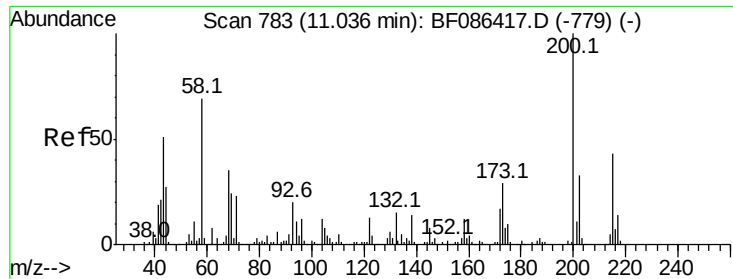
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#67
Hexachlorobenzene
Concen: 38.83 ng/mL
RT: 10.94 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	20.8	16.7	25.1
249	26.2	21.3	31.9





#68

Atrazine

Concen: 32.93 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

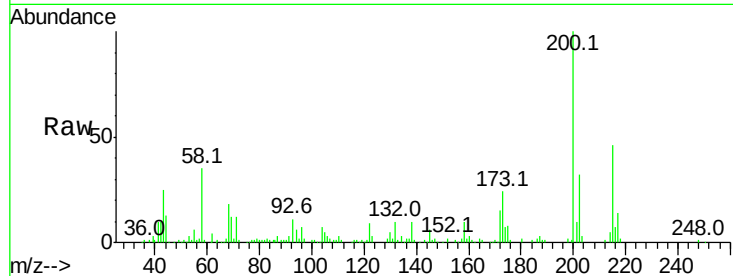
ClientSampleId :

SSTDCCC040

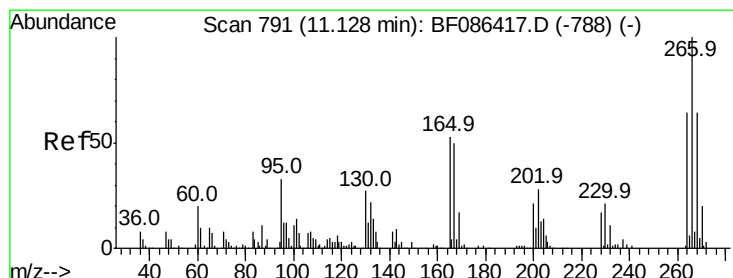
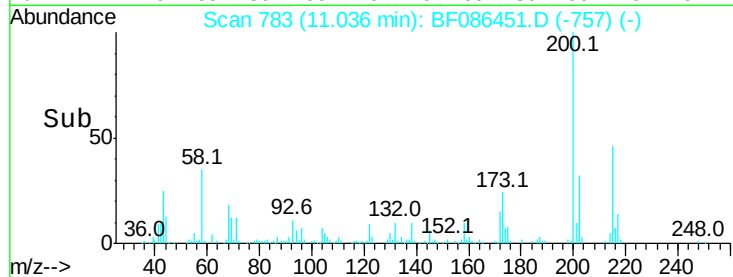
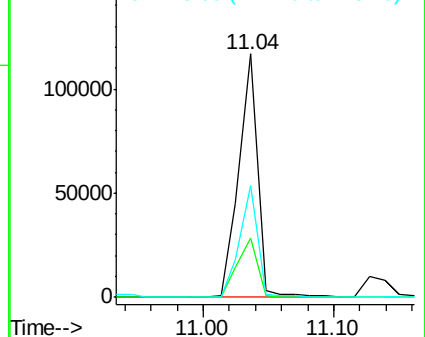
Tot Ion:	200	Resp:	116798
Ion Ratio	Lower	Upper	
200	100		
173	24.1	8.5	48.5
215	45.7	27.2	67.2

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 32.47 ng

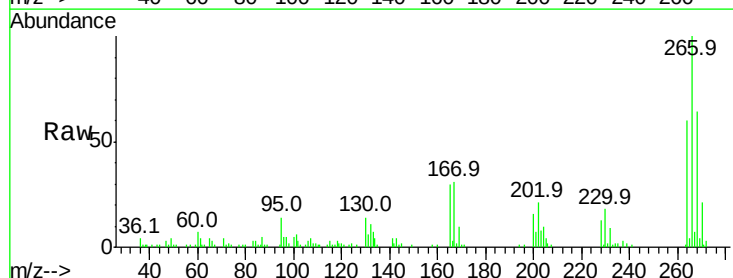
RT: 11.14 min Scan# 792

Delta R.T. 0.01 min

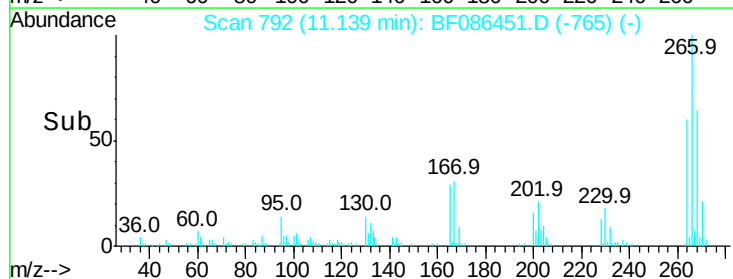
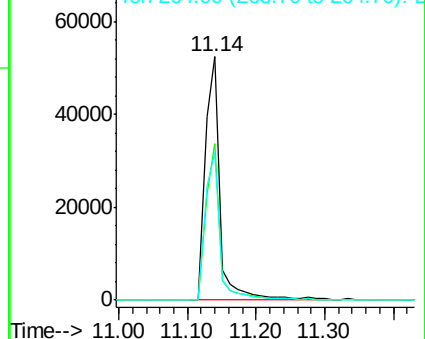
Lab File: BF086451.D

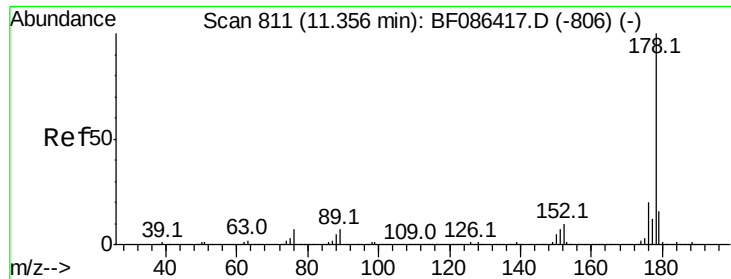
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Tgt Ion:	266	Resp:	77153
Ion Ratio	Lower	Upper	
266	100		
268	64.1	51.5	77.3
264	60.4	52.9	79.3



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





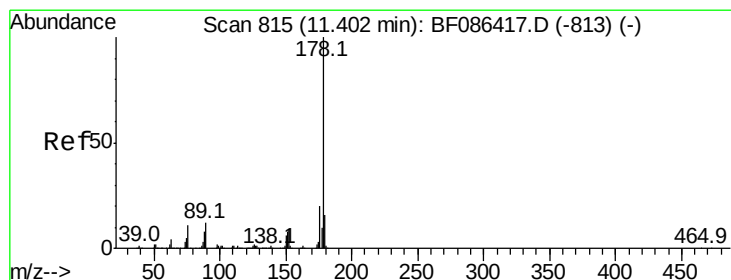
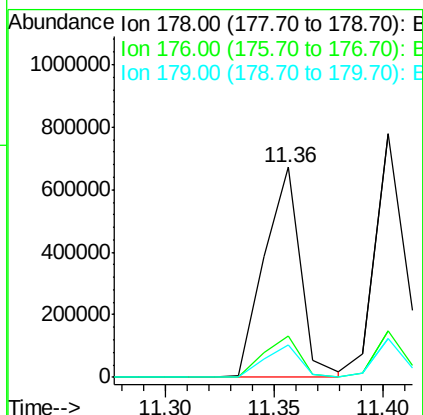
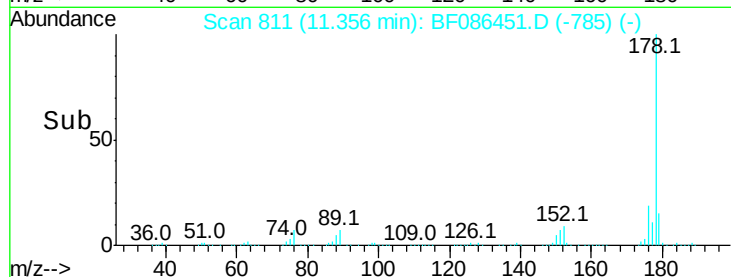
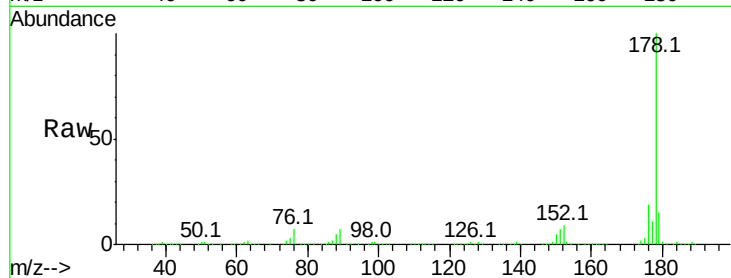
#70
Phenanthrene
Concen: 39.17 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.2	12.6	18.8

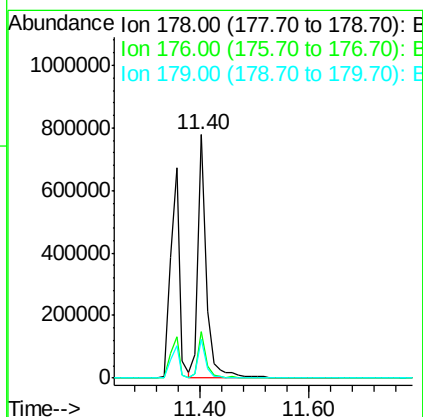
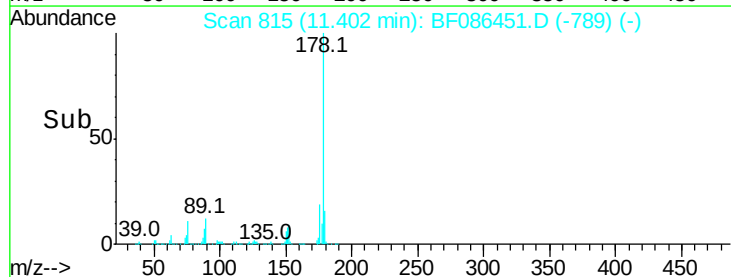
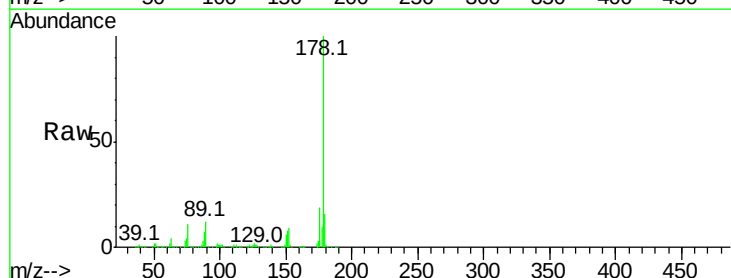
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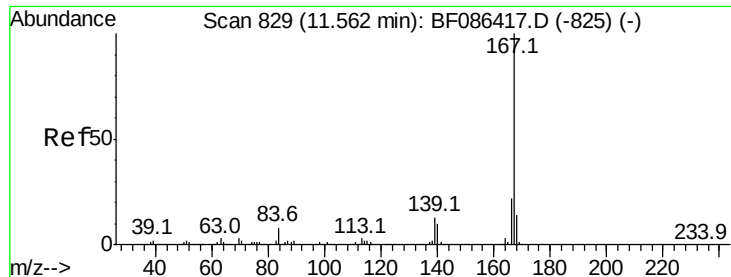
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#71
Anthracene
Concen: 39.40 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.7	12.7	19.1





#72

Carbazole

Concen: 40.17 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

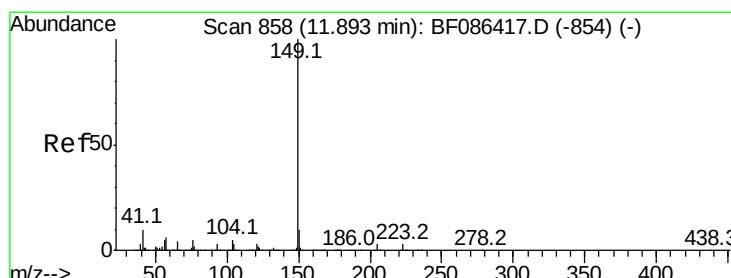
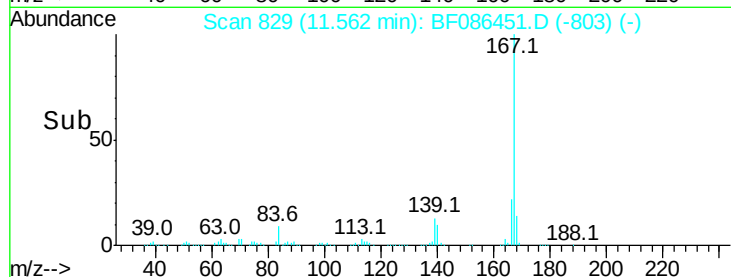
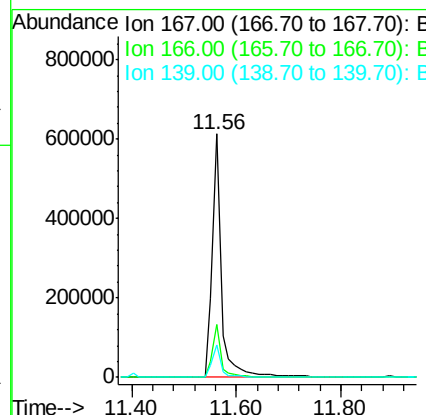
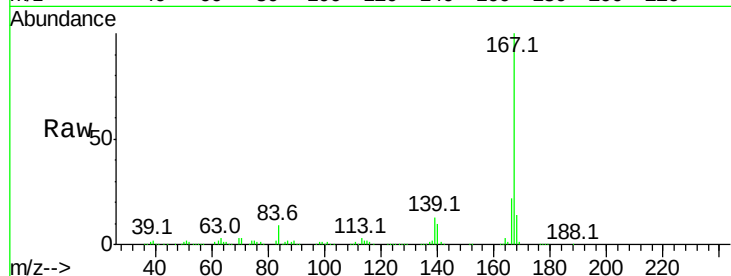
ClientSampleId :

SSTDCCC040

Tot Ion:	167	Resp:	753510
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.7	26.5
139	13.2	10.8	16.2

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#73

Di-n-butylphthalate

Concen: 41.69 ng

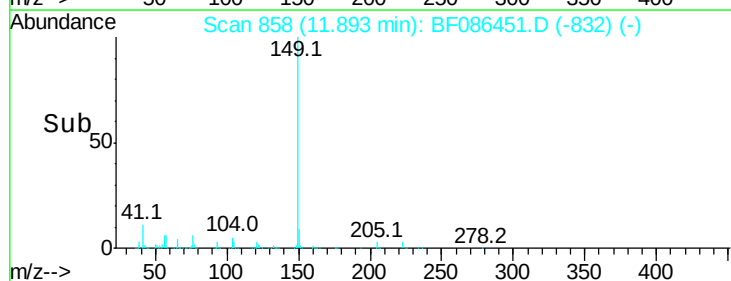
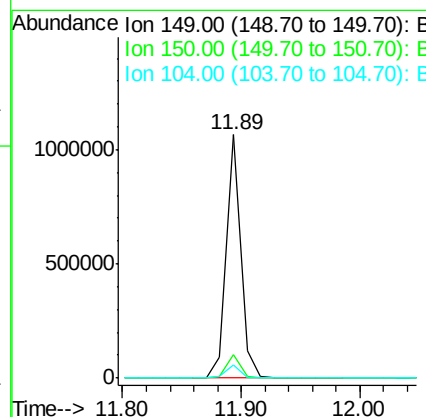
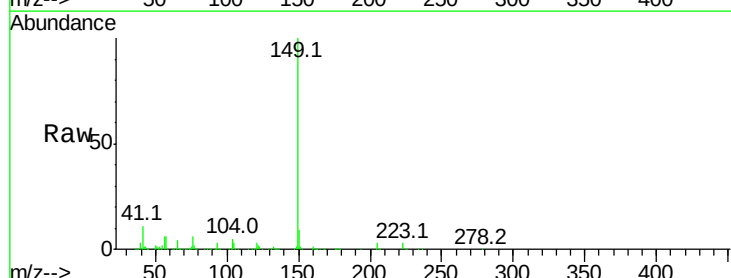
RT: 11.89 min Scan# 858

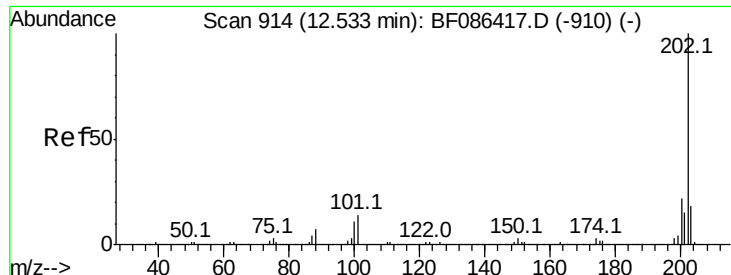
Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion:	149	Resp:	885957
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	5.4	3.8	5.6





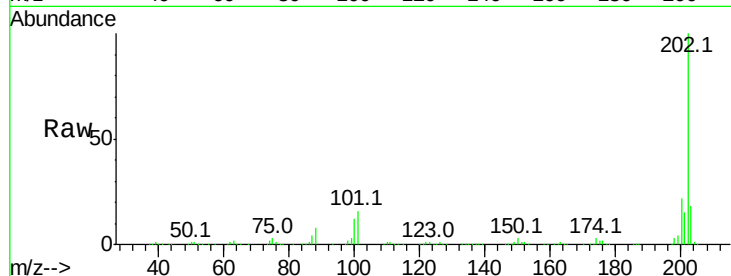
#74
Fluoranthene
 Concen: 42.98 ng
 RT: 12.53 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

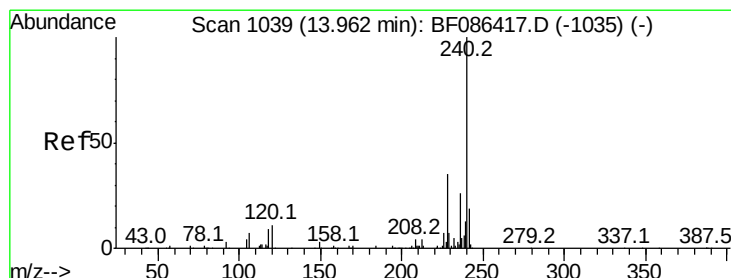
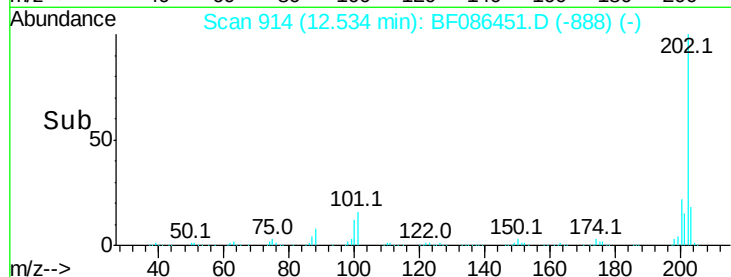
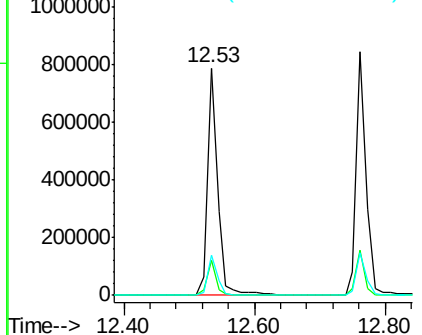
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.7	0.0	35.4
203	17.8	0.0	38.1

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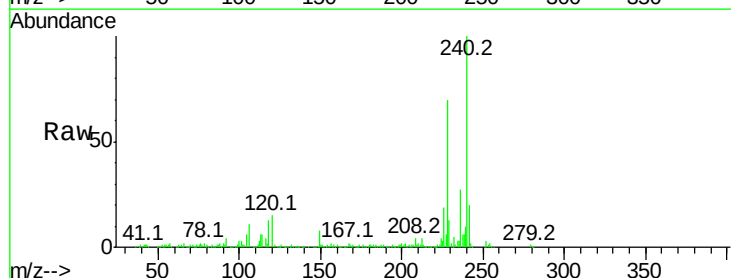


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

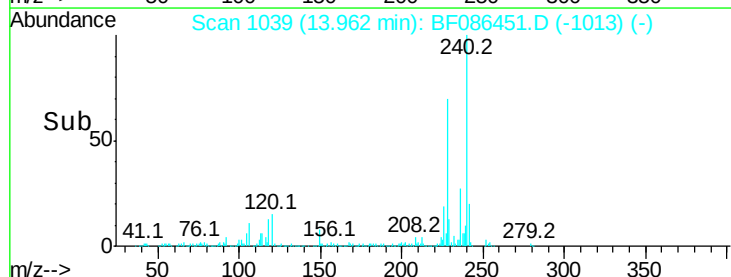
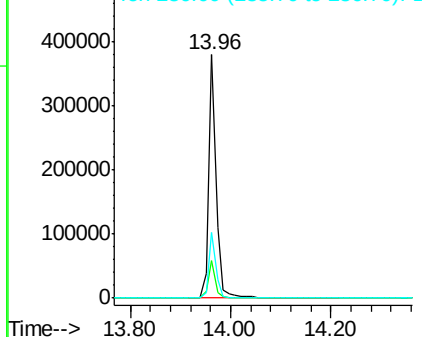


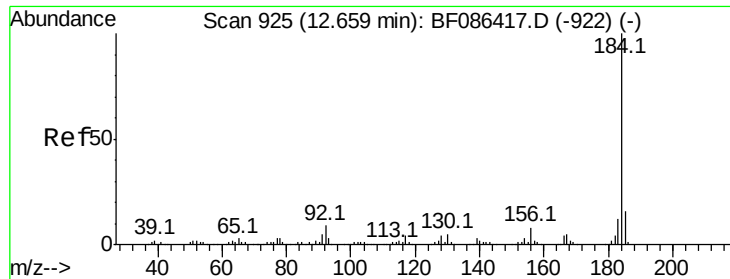
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.3	11.2	16.8
236	27.0	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





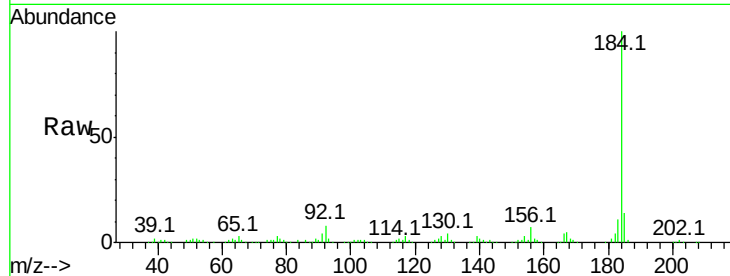
#76
Benzidine
Concen: 31.54 ng
RT: 12.67 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

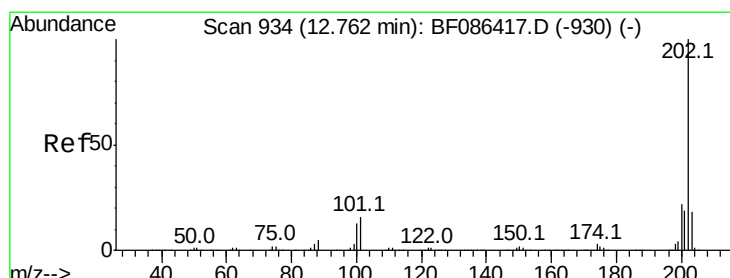
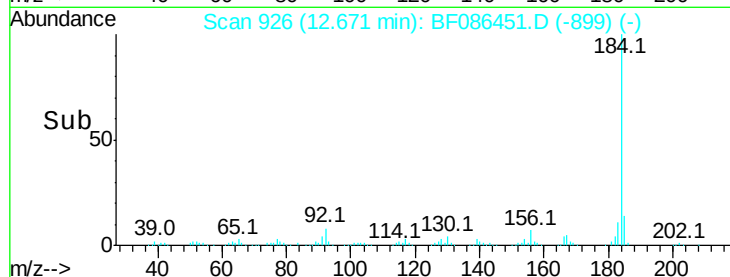
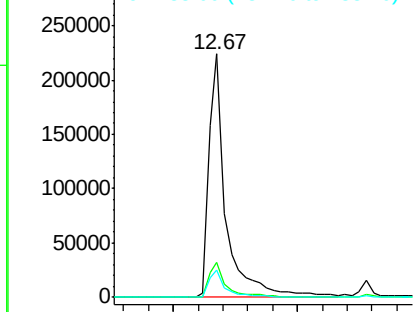
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.6	20.4
183	11.5	9.8	14.6

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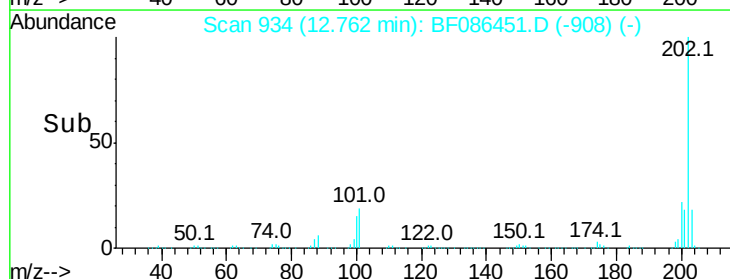
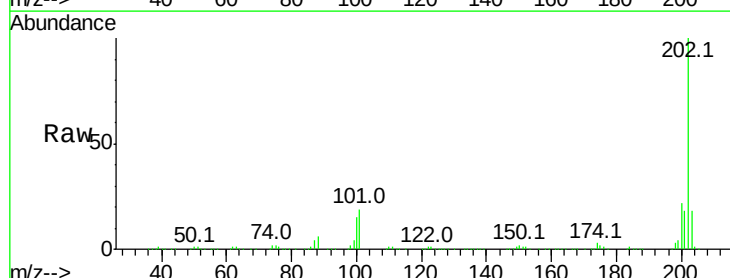
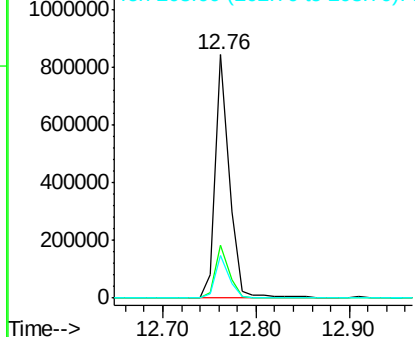
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

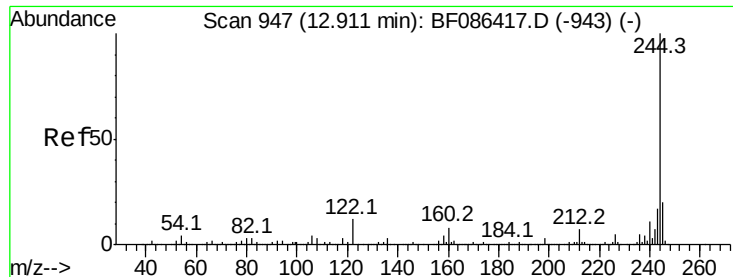


#77
Pyrene
Concen: 31.32 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.8	14.2	21.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 59.23 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1051301

Ion Ratio Lower Upper

244 100

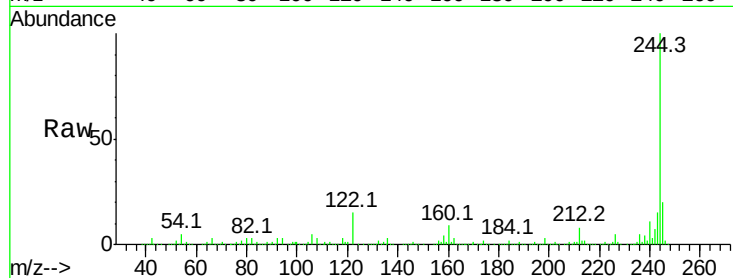
212 7.8 6.2 9.2

122 15.1 12.0 18.0

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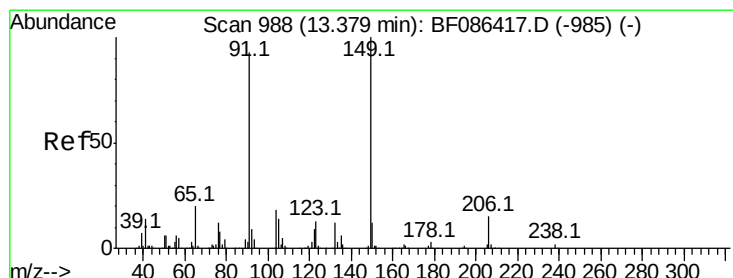
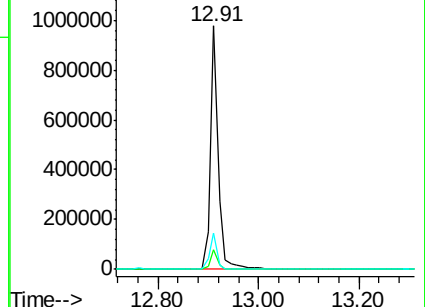
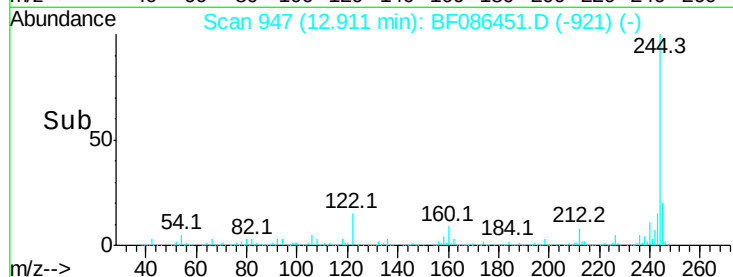
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 37.10 ng

RT: 13.39 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

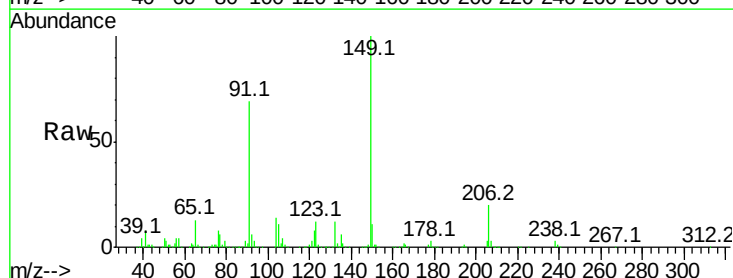
Tgt Ion:149 Resp: 452817

Ion Ratio Lower Upper

149 100

91 68.7 48.0 72.0

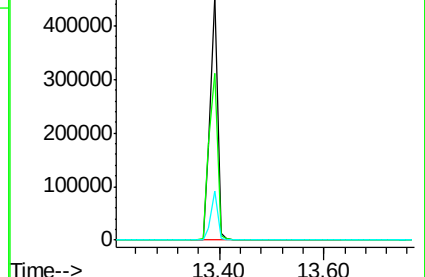
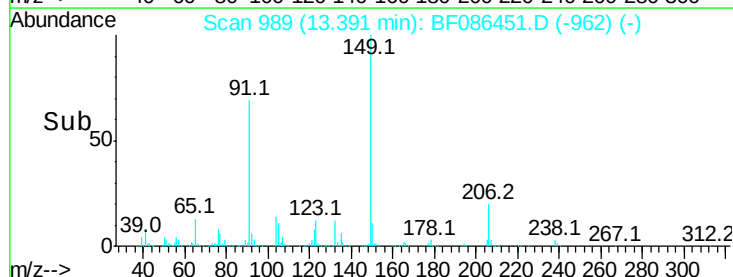
206 20.1 15.8 23.6

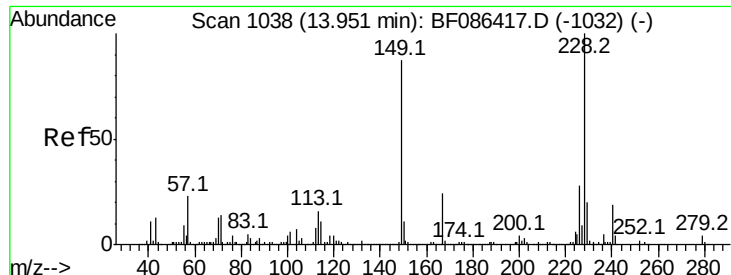


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





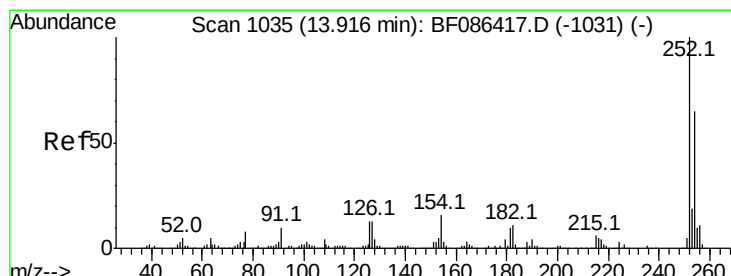
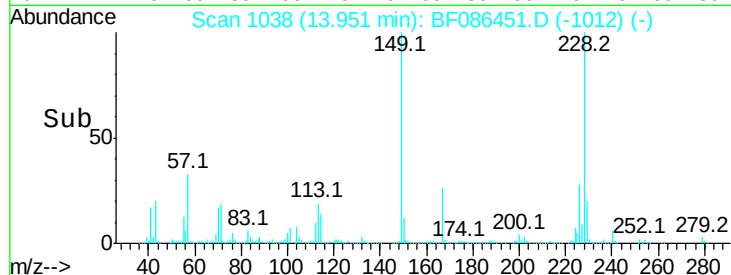
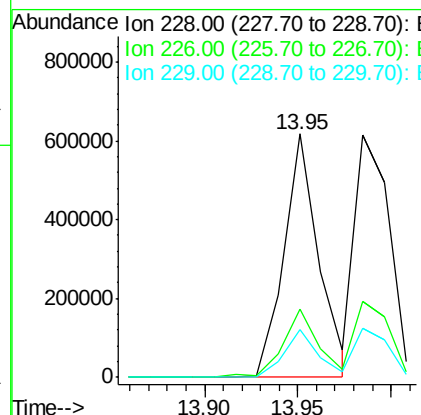
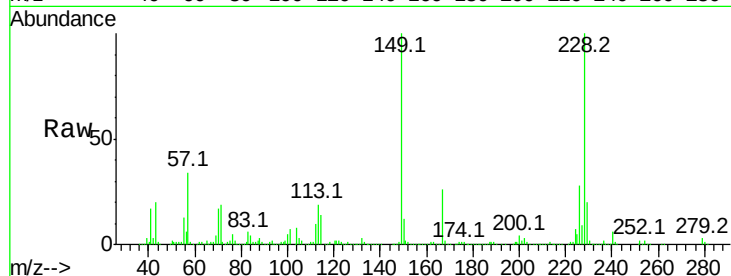
#80
 Benzo(a)anthracene
 Concen: 38.32 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	19.8	16.6	25.0

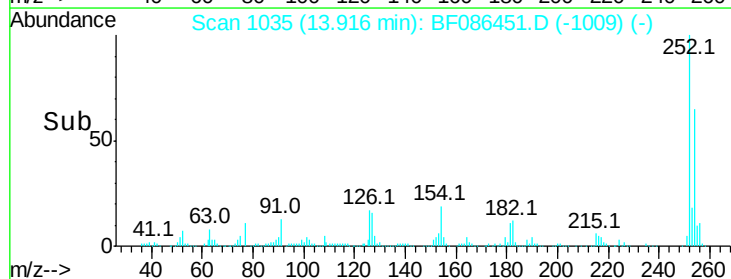
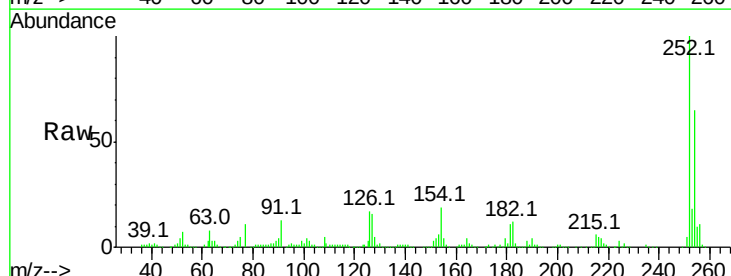
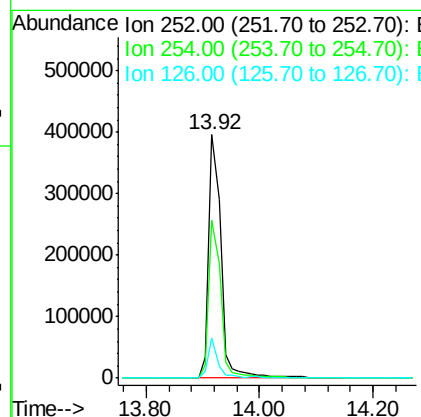
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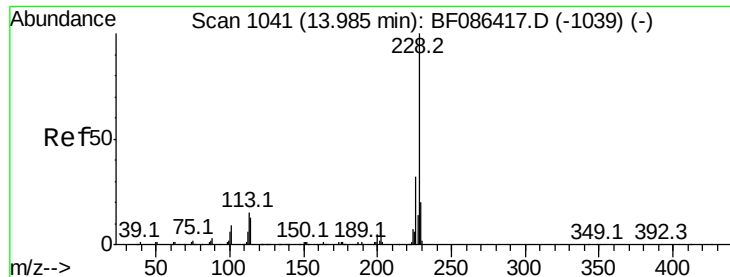
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#81
 3,3'-Dichlorobenzidine
 Concen: 40.73 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.7	76.1
126	16.7	12.7	19.1





#82

Chrysene

Concen: 37.33 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

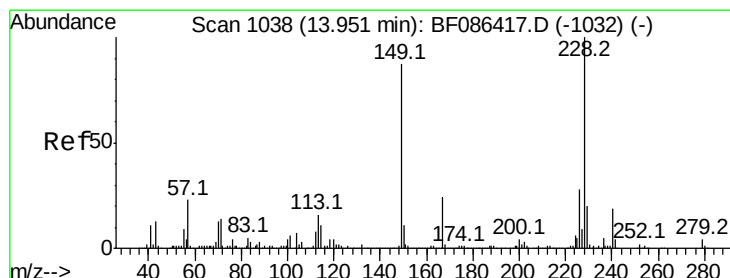
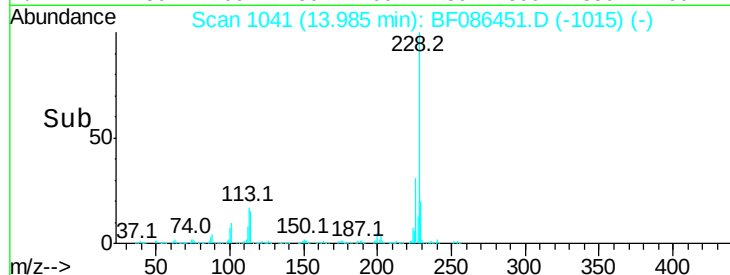
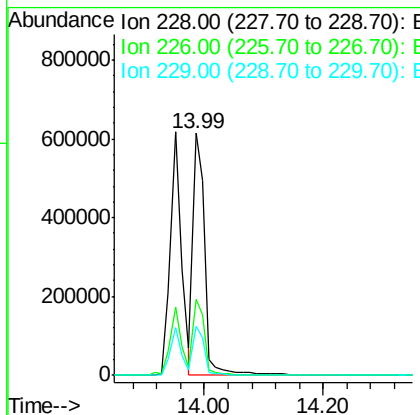
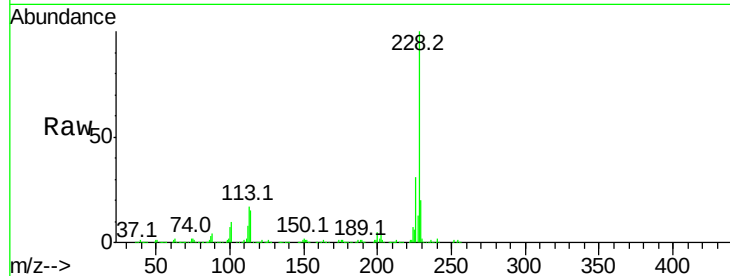
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	846078
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.4	36.6
229	20.1	15.8	23.8

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 38.01 ng

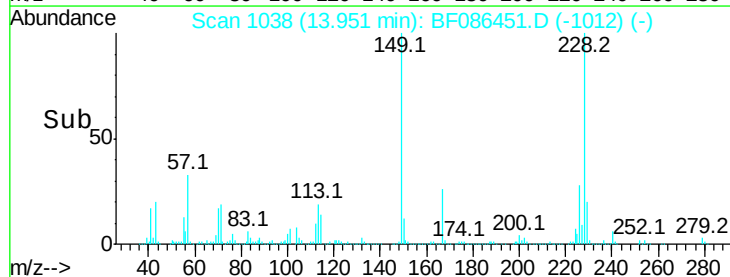
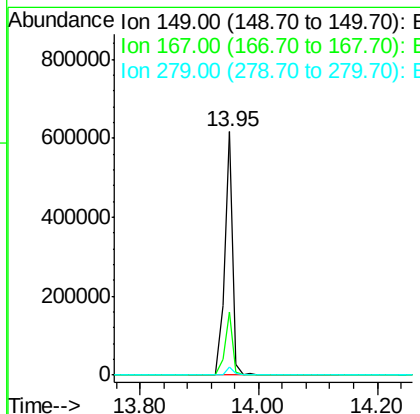
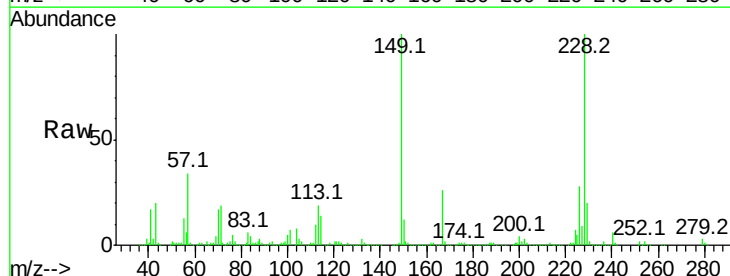
RT: 13.95 min Scan# 1038

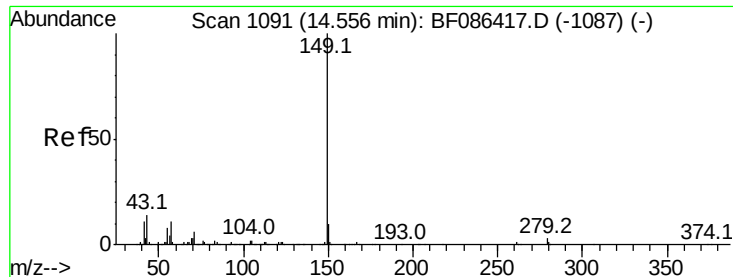
Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion:	149	Resp:	575863
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.8	32.6
279	3.3	2.6	4.0





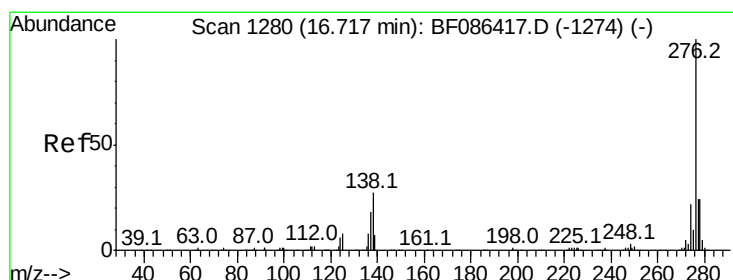
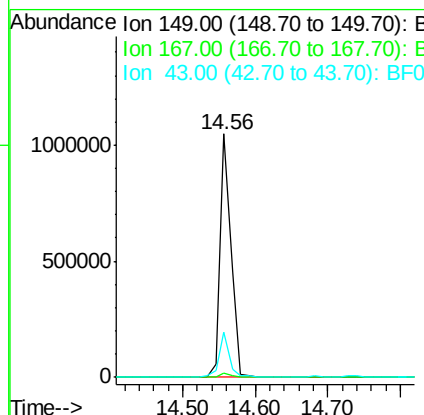
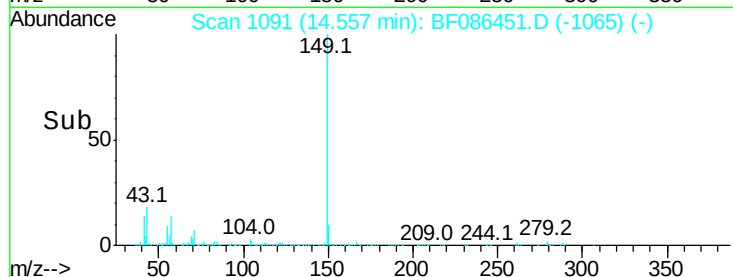
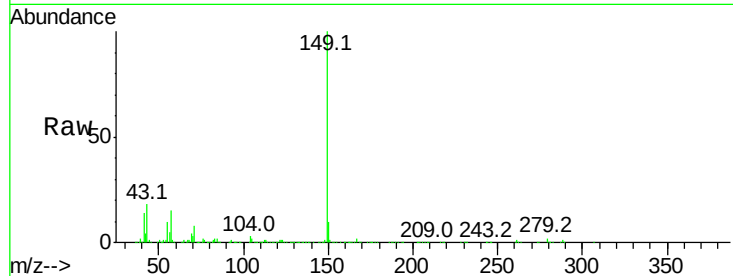
#84
Di-n-octyl phthalate
Concen: 45.94 ng
RT: 14.56 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	16.5	8.2	12.4

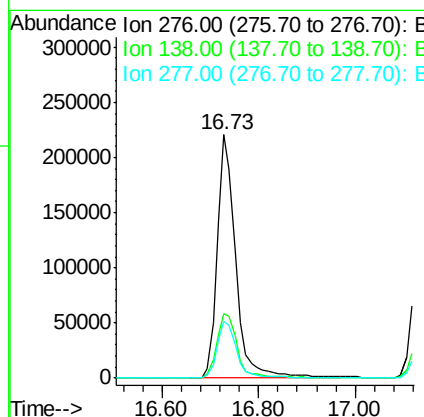
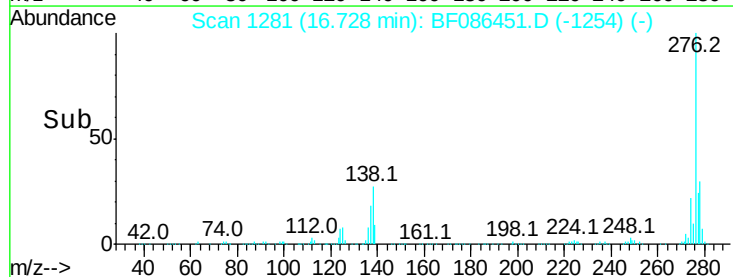
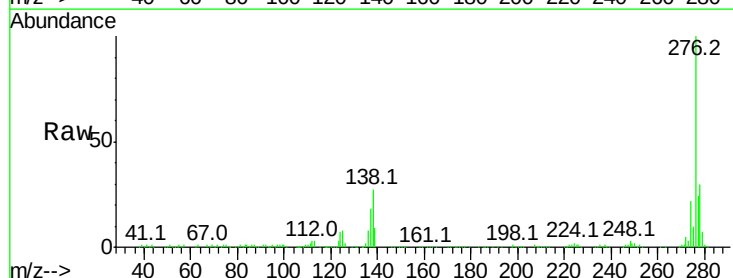
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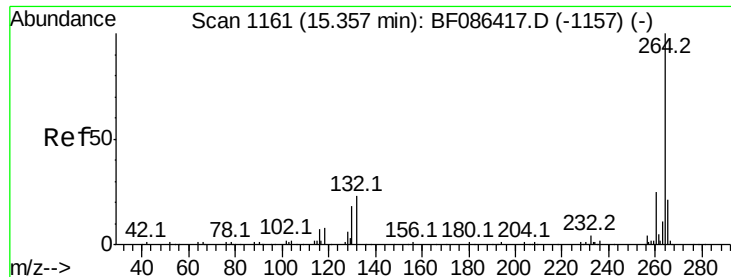
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#85
Indeno(1,2,3-cd)pyrene
Concen: 35.50 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.6	38.4
277	25.2	20.5	30.7





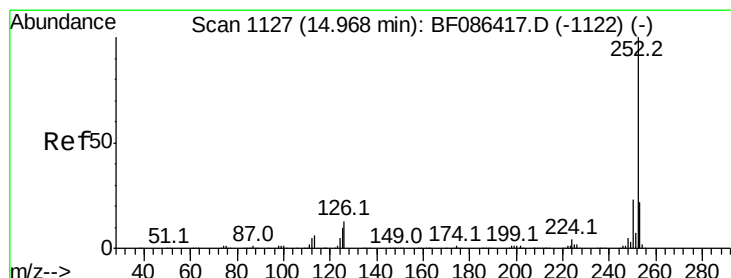
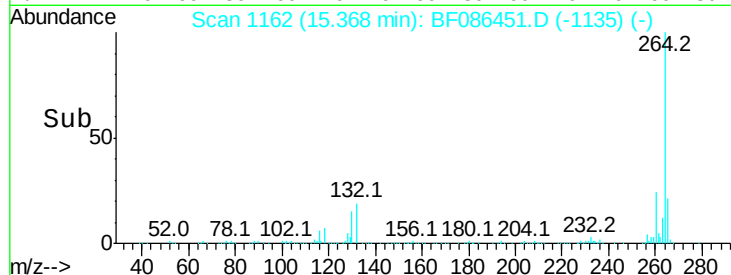
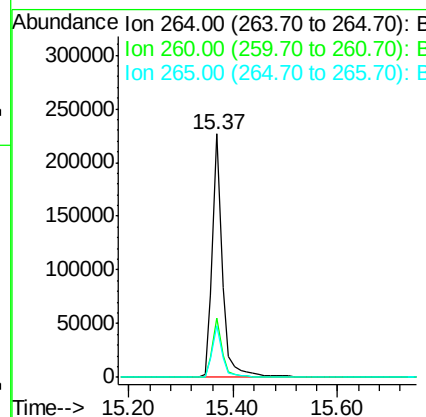
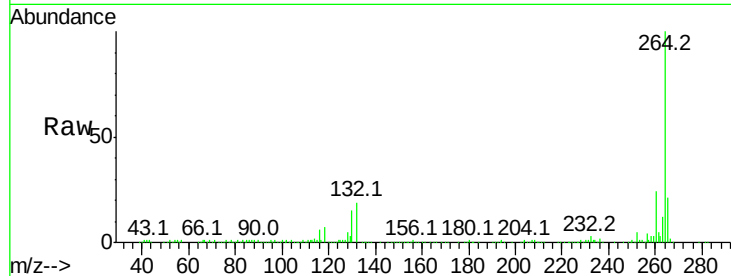
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.3	17.3	25.9

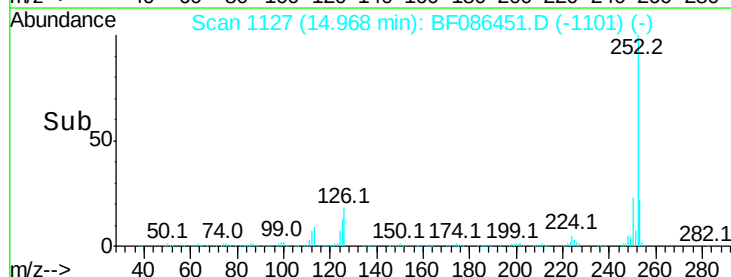
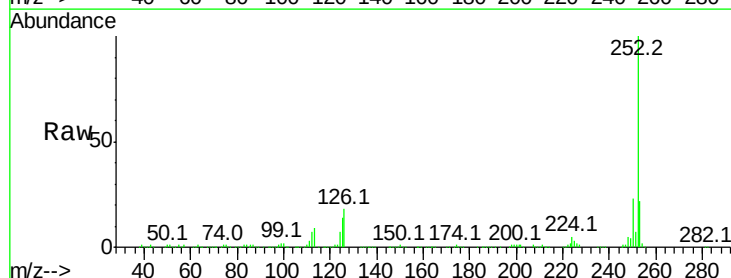
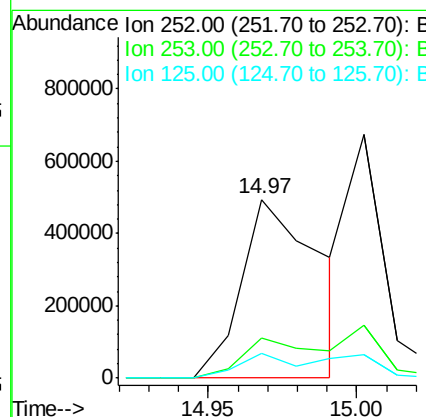
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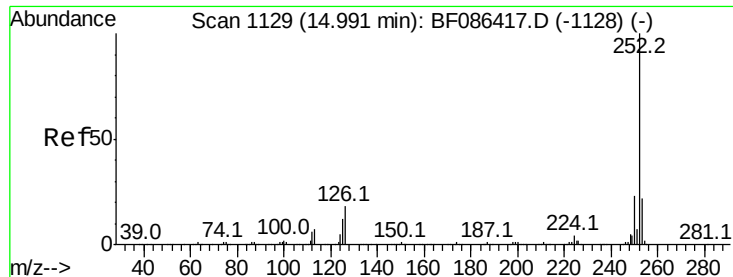
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#87
Benzo(b)fluoranthene
Concen: 50.09 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	13.5	11.4	17.0





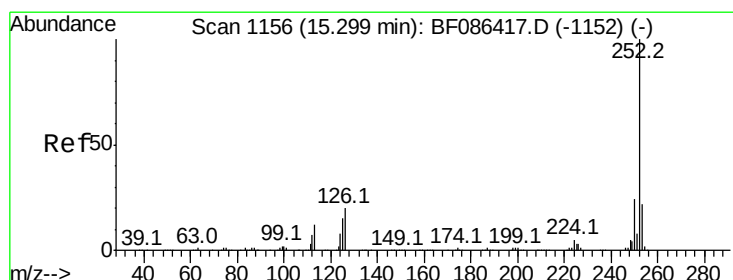
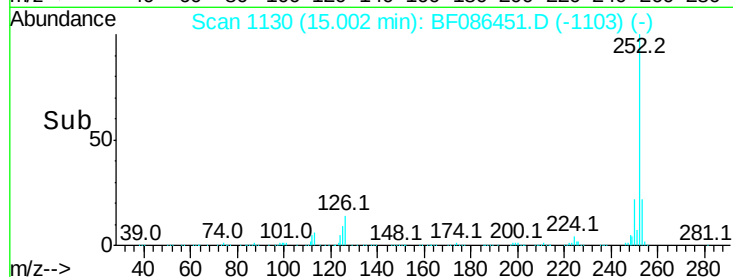
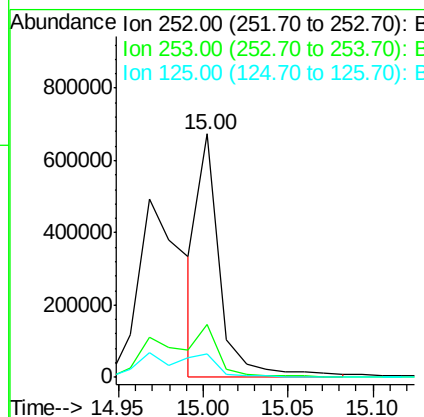
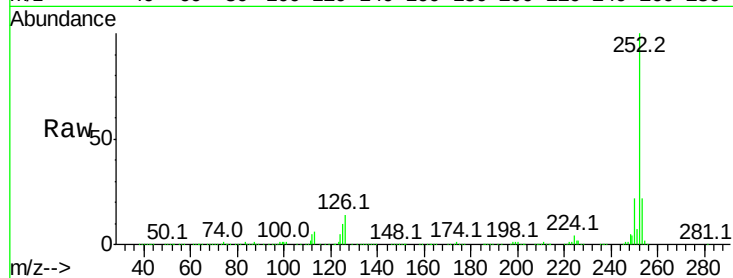
#88
Benzo(k)fluoranthene
Concen: 32.19 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	610120		
253	22.0	17.8	26.6	
125	9.5	9.1	13.7	

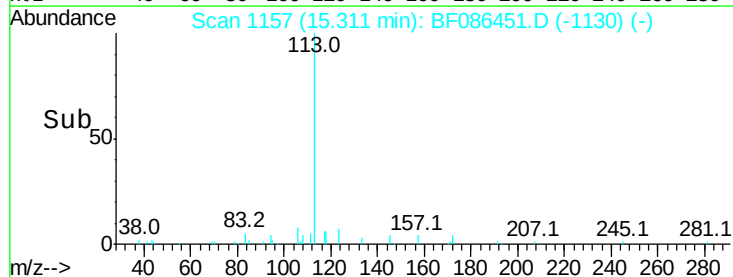
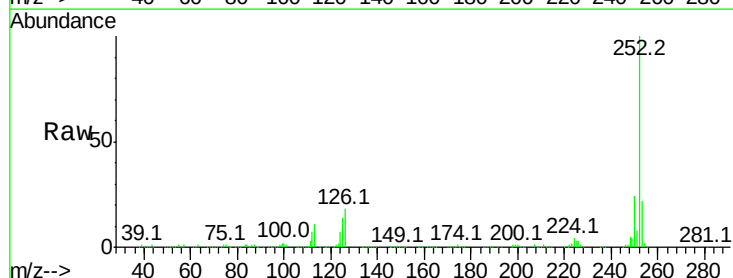
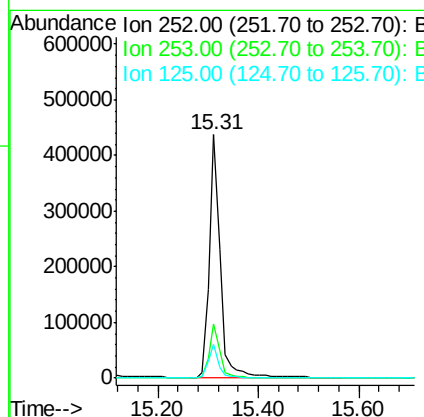
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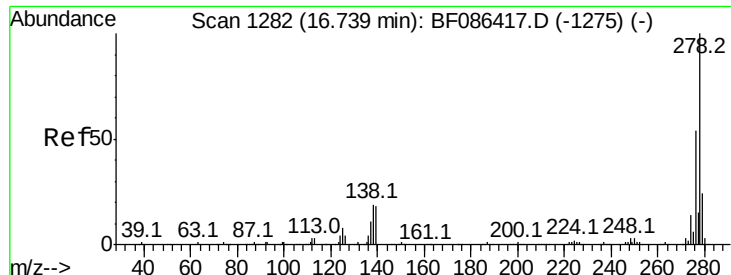
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#89
Benzo(a)pyrene
Concen: 38.02 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	652294		
253	22.1	17.2	25.8	
125	13.7	9.0	13.6#	





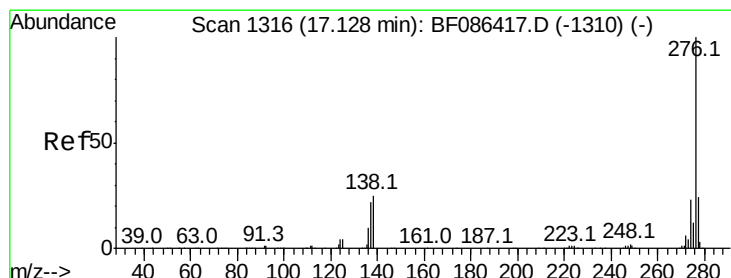
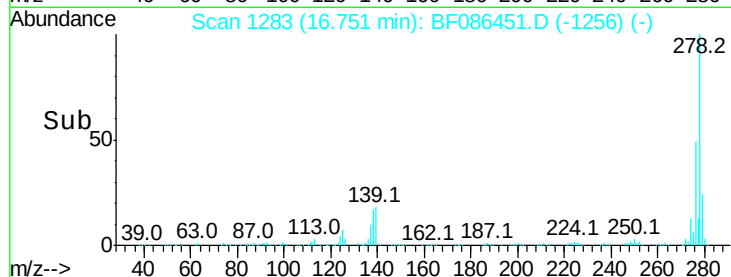
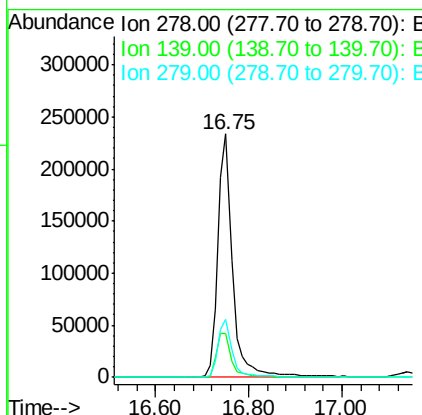
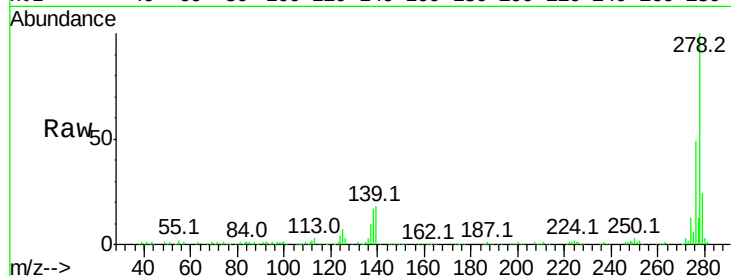
#90
Dibenzo(a,h)anthracene
Concen: 36.26 ng
RT: 16.75 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	16.6	24.8
279	24.0	19.6	29.4

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#91
Benzo(g,h,i)perylene
Concen: 33.86 ng
RT: 17.14 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.6	29.4
138	25.2	23.6	35.4

