

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089644.D
 Acq On : 5 Aug 2016 22:48
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 8/8/2016 9:19:56 AM

Quant Time: Aug 06 00:19:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	55807	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	224402	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	88637	20.00	ng	0.00
63) Phenanthrene-d10	14.70	188	131438	20.00	ng	0.00
75) Chrysene-d12	18.39	240	112075	20.00	ng	0.00
86) Perylene-d12	20.05	264	95618	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	279703	84.00	ng	0.01
7) Phenol-d6	6.99	99	360496	79.81	ng	0.01
23) Nitrobenzene-d5	8.36	82	332833	82.04	ng	0.00
41) 2,4,6-Tribromophenol	13.59	330	48600	66.44	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	560721	82.22	ng	0.00
78) Terphenyl-d14	17.05	244	320511	56.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.75	88	65064	34.09	ng	95
3) Pyridine	2.31	79	163807	46.70	ng	98
4) n-Nitrosodimethylamine	2.28	42	64281	42.72	ng	98
6) Aniline	6.94	93	244065	41.70	ng	99
8) 2-Chlorophenol	7.12	128	160445	39.25	ng	95
9) Benzaldehyde	6.74	77	93093	56.81	ng	92
10) Phenol	7.02	94	195683	42.20	ng	94
11) bis(2-Chloroethyl)ether	7.10	93	154932	38.89	ng	98
12) 1,3-Dichlorobenzene	7.35	146	174325	39.26	ng	99
13) 1,4-Dichlorobenzene	7.47	146	171485	38.73	ng	98
14) 1,2-Dichlorobenzene	7.70	146	167367	35.86	ng	98
15) Benzyl Alcohol	7.74	79	120756	40.77	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.94	45	188738	37.20	ng	# 62
17) 2-Methylphenol	7.95	107	116815	39.57	ng	97
18) Hexachloroethane	8.23	117	61290	32.84	ng	99
19) n-Nitroso-di-n-propylamine	8.17	70	120400	36.90	ng	95
20) 3+4-Methylphenols	8.22	107	154361	41.42	ng	96
22) Acetophenone	8.14	105	217674	40.69	ng	# 99
24) Nitrobenzene	8.39	77	164290	42.63	ng	98
25) Isophorone	8.79	82	298253	38.39	ng	100
26) 2-Nitrophenol	8.89	139	72050	40.74	ng	97
27) 2,4-Dimethylphenol	9.04	122	131440	41.34	ng	96
28) bis(2-Chloroethoxy)methane	9.18	93	191005	40.64	ng	100
29) 2,4-Dichlorophenol	9.31	162	116137	38.60	ng	96
30) 1,2,4-Trichlorobenzene	9.40	180	131755	38.35	ng	97
31) Naphthalene	9.51	128	450550	37.77	ng	100
32) Benzoic acid	9.35	122	74730	37.41	ng	97
33) 4-Chloroaniline	9.64	127	182176	40.67	ng	99
34) Hexachlorobutadiene	9.74	225	75035	37.92	ng	97
35) Caprolactam	10.30	113	33053	37.70	ng	99
36) 4-Chloro-3-methylphenol	10.50	107	131539	37.62	ng	93
37) 2-Methylnaphthalene	10.64	142	272423	37.14	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	140145	42.07	ng	99
40) Hexachlorocyclopentadiene	10.89	237	3162	11.48	ng	93

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Instrument :
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 SSTDC0040EC

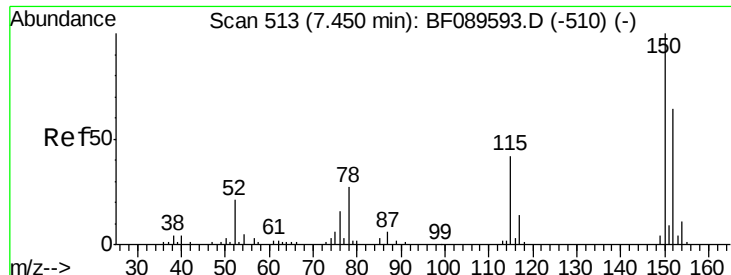
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	72354	44.03	ng	97
43) 2,4,5-Trichlorophenol	11.21	196	75545	43.02	ng	98
45) 1,1'-Biphenyl	11.41	154	329860	41.27	ng	99
46) 2-Chloronaphthalene	11.42	162	243865	40.69	ng	98
47) 2-Nitroaniline	11.63	65	78554	40.66	ng	# 78
48) Acenaphthylene	12.07	152	376695	38.16	ng	100
49) Dimethylphthalate	11.97	163	284614	40.97	ng	100
50) 2,6-Dinitrotoluene	12.05	165	56460	40.87	ng	91
51) Acenaphthene	12.35	154	214271	37.58	ng	100
52) 3-Nitroaniline	12.31	138	64122	38.81	ng	98
53) 2,4-Dinitrophenol	12.55	184	2322	10.11	ng	# 72
54) Dibenzofuran	12.64	168	291735	37.22	ng	100
55) 4-Nitrophenol	12.70	139	30025m	31.68	ng	
56) 2,4-Dinitrotoluene	12.70	165	68128	35.07	ng	98
57) Fluorene	13.19	166	232454	34.69	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	46927	35.20	ng	99
59) Diethylphthalate	13.11	149	279986	38.97	ng	99
60) 4-Chlorophenyl-phenylether	13.22	204	114337	37.21	ng	97
61) 4-Nitroaniline	13.30	138	52680	35.47	ng	92
62) Azobenzene	13.47	77	255729	36.80	ng	92
64) 4,6-Dinitro-2-methylphenol	13.37	198	10625	17.09	ng	91
65) n-Nitrosodiphenylamine	13.44	169	206702	46.56	ng	100
66) 4-Bromophenyl-phenylether	14.01	248	57567	45.28	ng	97
67) Hexachlorobenzene	14.08	284	55857	39.94	ng	# 79
68) Atrazine	14.35	200	58005	46.80	ng	98
69) Pentachlorophenol	14.42	266	25942	45.22	ng	97
70) Phenanthrene	14.73	178	278711	39.00	ng	99
71) Anthracene	14.81	178	291028	37.98	ng	100
72) Carbazole	15.11	167	253598	39.71	ng	100
73) Di-n-butylphthalate	15.70	149	349085	40.42	ng	99
74) Fluoranthene	16.49	202	279754	38.08	ng	99
76) Benzidine	16.73	184	135104	39.77	ng	99
77) Pyrene	16.80	202	296973	29.97	ng	99
79) Butylbenzylphthalate	17.73	149	138709	32.90	ng	98
80) Benzo(a)anthracene	18.38	228	248431	38.58	ng	100
81) 3,3'-Dichlorobenzidine	18.37	252	94684	46.67	ng	97
82) Chrysene	18.42	228	256898	38.03	ng	100
83) Bis(2-ethylhexyl)phthalate	18.47	149	197985	33.91	ng	100
84) Di-n-octyl phthalate	19.25	149	361486	43.03	ng	97
85) Indeno(1,2,3-cd)pyrene	21.23	276	175456	34.20	ng	99
87) Benzo(b)fluoranthene	19.65	252	220097	37.43	ng	# 97
88) Benzo(k)fluoranthene	19.68	252	258058m	43.50	ng	
89) Benzo(a)pyrene	20.00	252	212299	38.56	ng	# 97
90) Dibenzo(a,h)anthracene	21.25	278	155834	30.30	ng	98
91) Benzo(g,h,i)perylene	21.57	276	144606	27.46	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF089644.D

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Instrument :

BNA_F

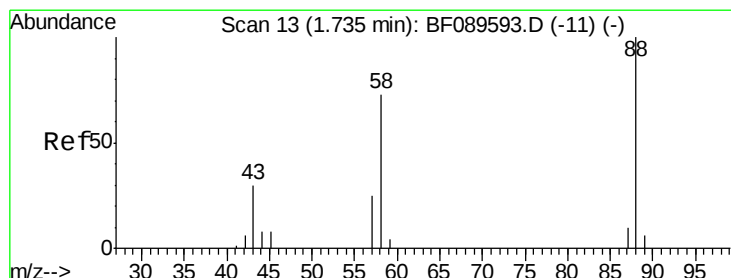
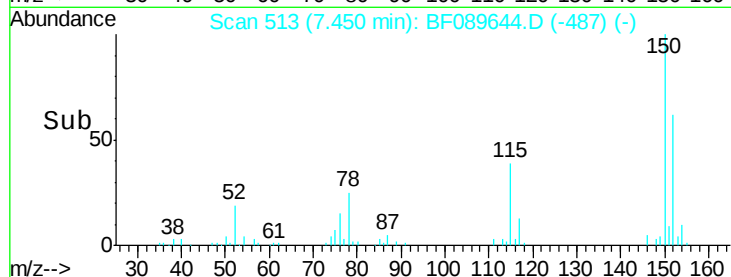
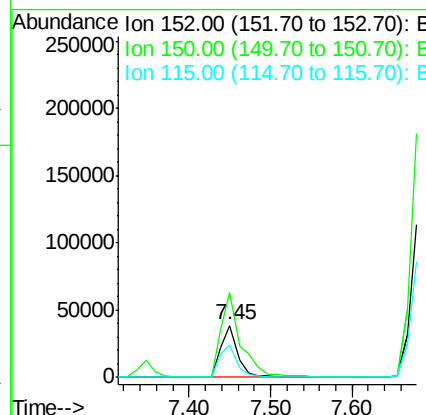
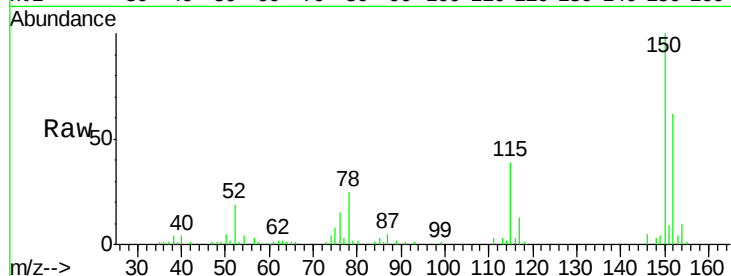
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.4	125.5	188.3
115	63.5	52.0	78.0

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#2

1,4-Dioxane

Concen: 34.09 ng

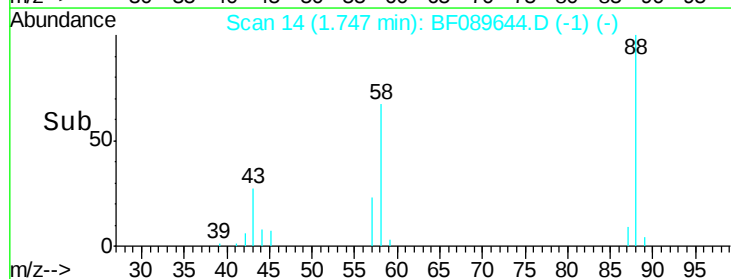
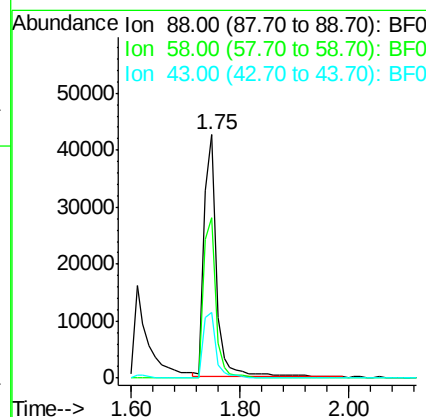
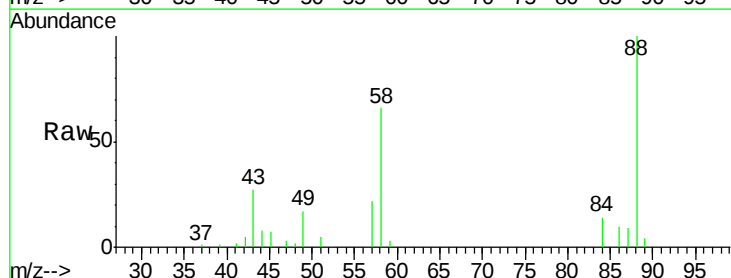
RT: 1.75 min Scan# 14

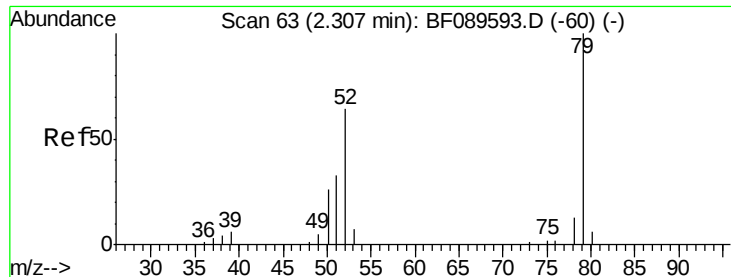
Delta R.T. 0.01 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	49.8	74.8
43	27.9	20.1	30.1





#3

Pyridine

Concen: 46.70 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

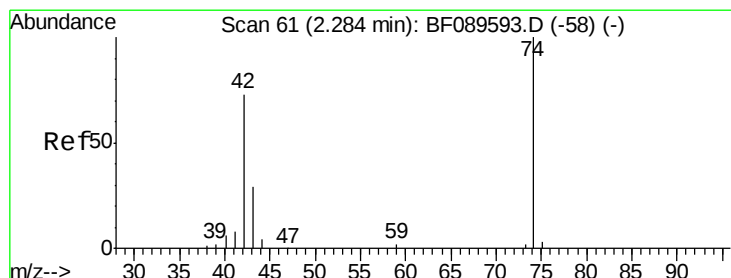
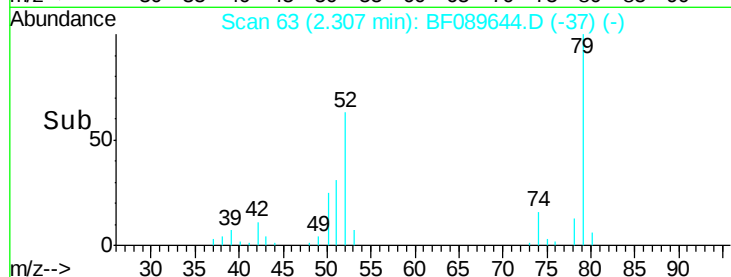
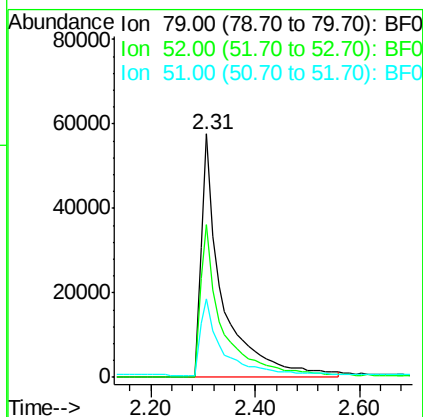
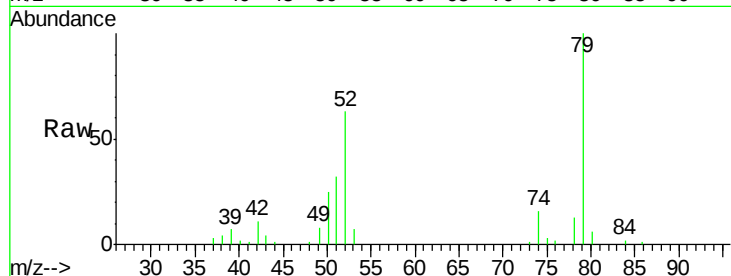
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	163807
Ion	Ratio	Lower	Upper
79	100		
52	62.9	51.0	76.4
51	32.2	27.9	41.9

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#4

n-Nitrosodimethylamine

Concen: 42.72 ng

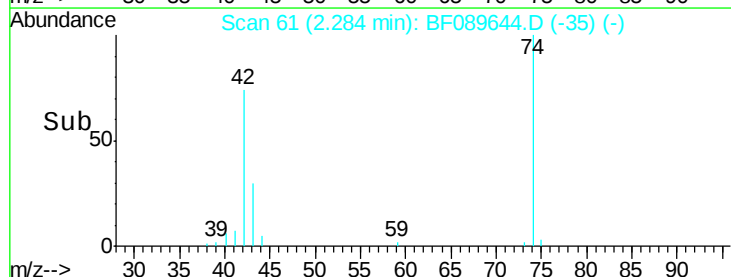
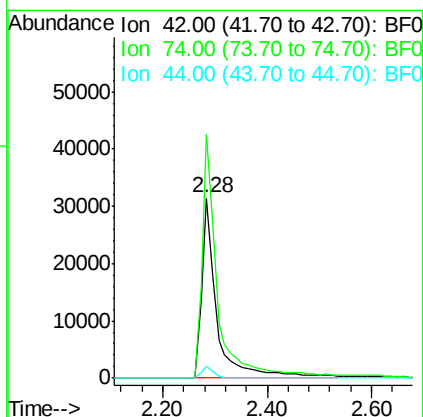
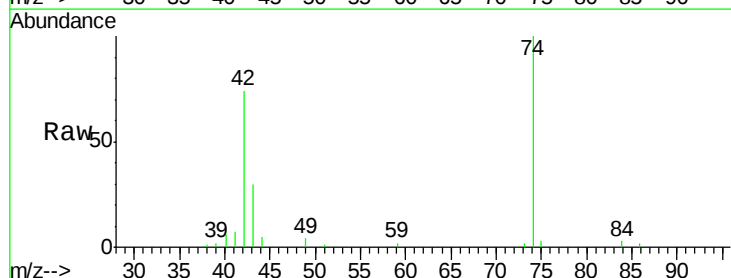
RT: 2.28 min Scan# 61

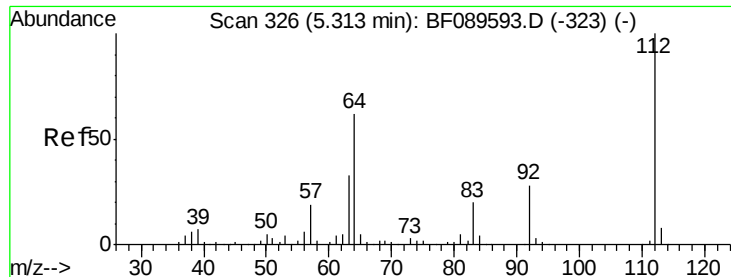
Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion:	42	Resp:	64281
Ion	Ratio	Lower	Upper
42	100		
74	135.4	110.0	165.0
44	6.4	4.8	7.2





#5

2-Fluorophenol

Concen: 84.00 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.01 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

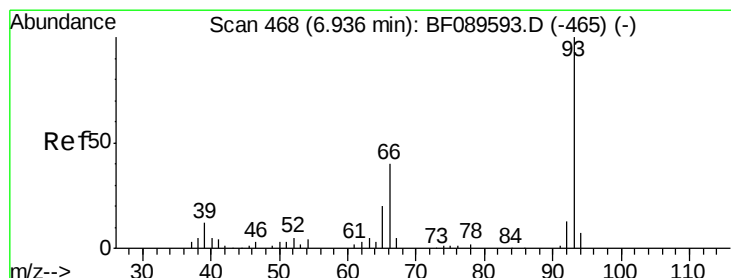
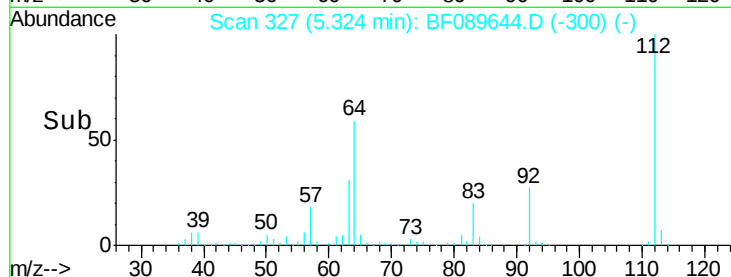
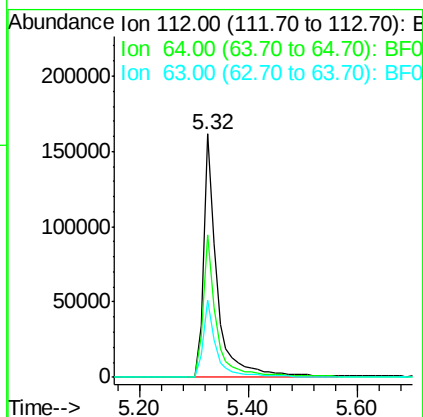
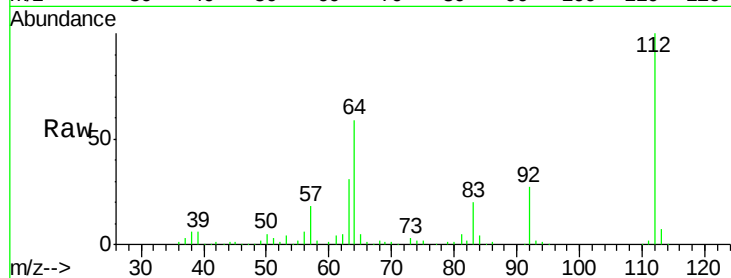
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	279703
Ion Ratio	Lower	Upper	
112	100		
64	58.8	49.9	74.9
63	31.5	26.1	39.1

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#6

Aniline

Concen: 41.70 ng

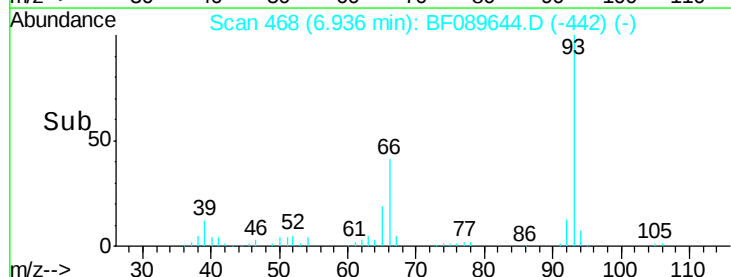
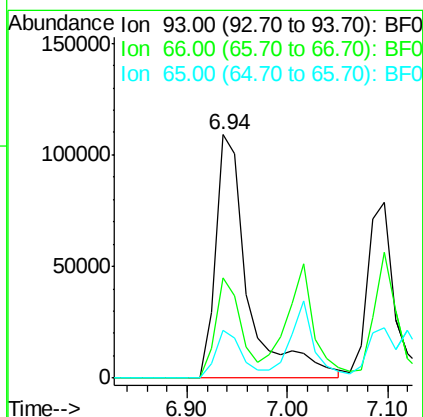
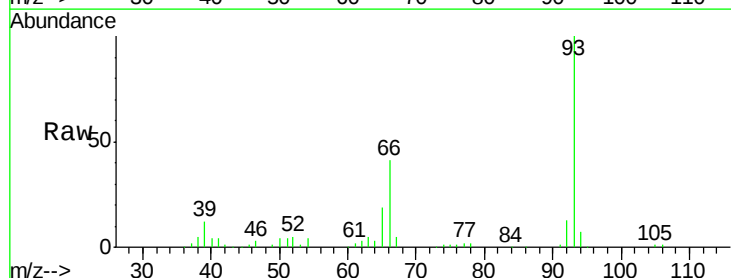
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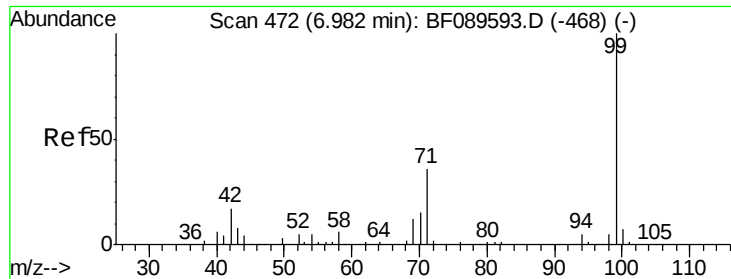
Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion:	93	Resp:	244065
Ion Ratio	Lower	Upper	
93	100		
66	41.1	32.2	48.2
65	19.4	15.8	23.8





#7

Phenol-d6

Concen: 79.81 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

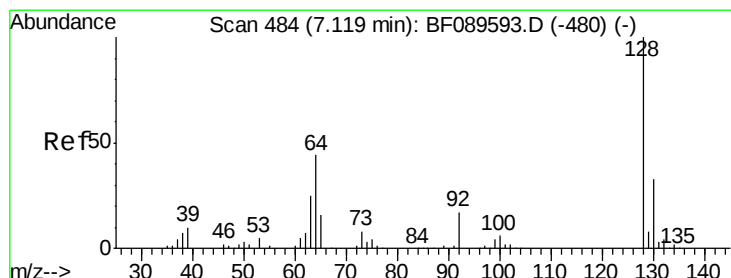
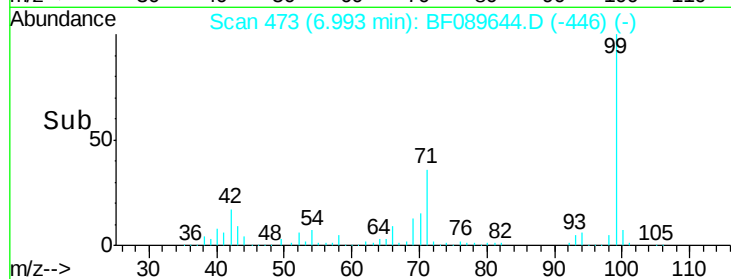
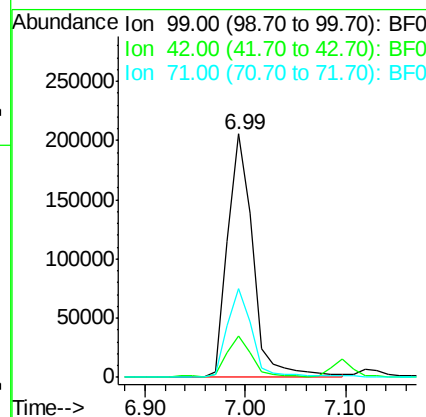
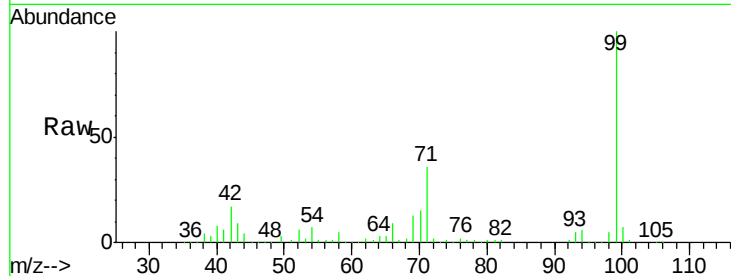
ClientSampleId :

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Tgt Ion:	99	Resp:	360496
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.7	20.5
71	36.3	29.0	43.4

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#8

2-Chlorophenol

Concen: 39.25 ng

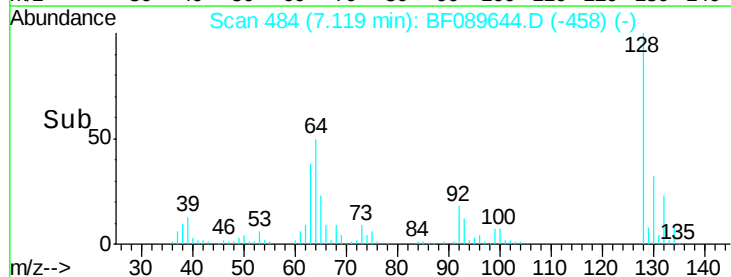
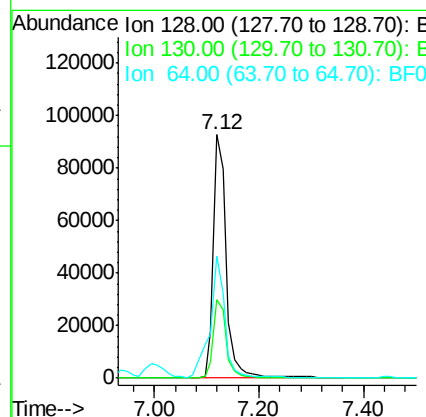
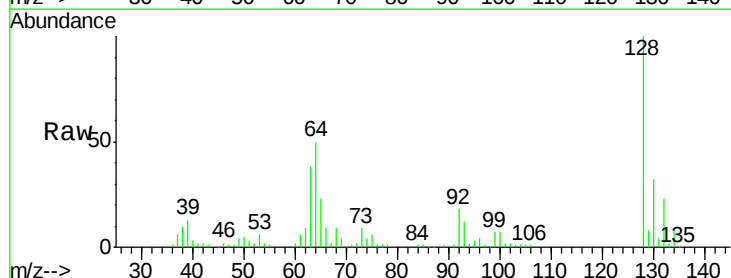
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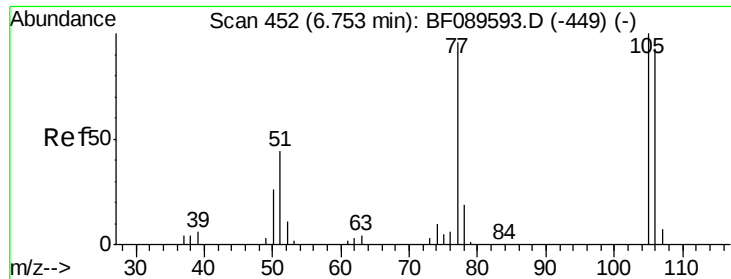
Delta R.T. 0.00 min

Lab File: BF089644.D

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Tgt Ion:	128	Resp:	160445
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.6	52.6
64	50.3	25.3	65.3





#9

Benzaldehyde

Concen: 56.81 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

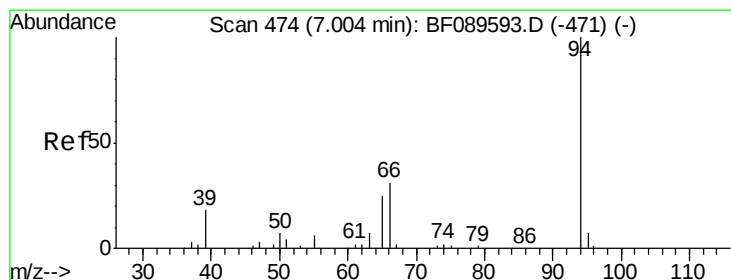
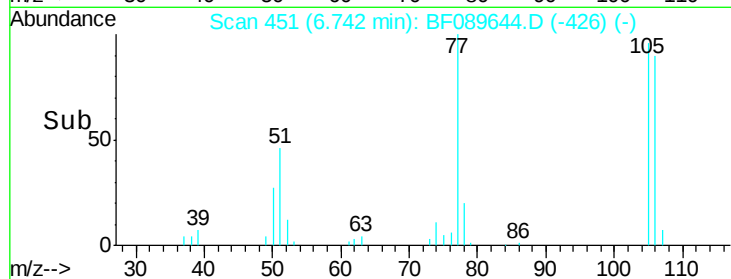
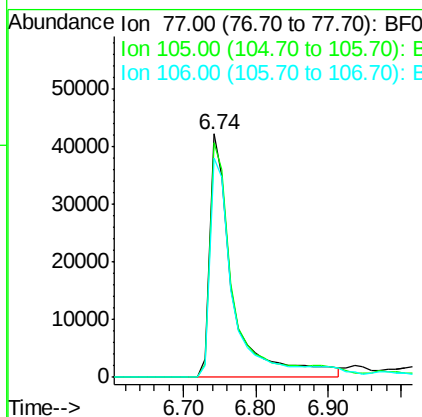
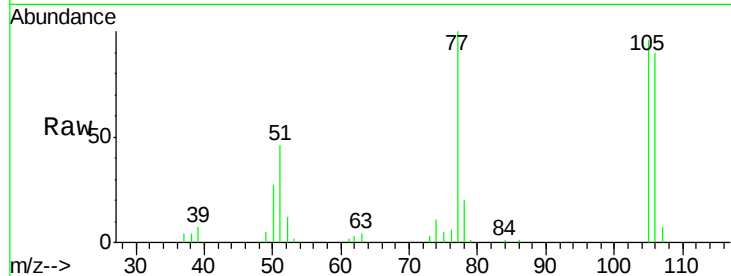
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	77	Resp:	93093
Ion	Ratio	Lower	Upper
77	100		
105	96.4	84.7	124.7
106	90.3	77.1	117.1

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#10

Phenol

Concen: 42.20 ng

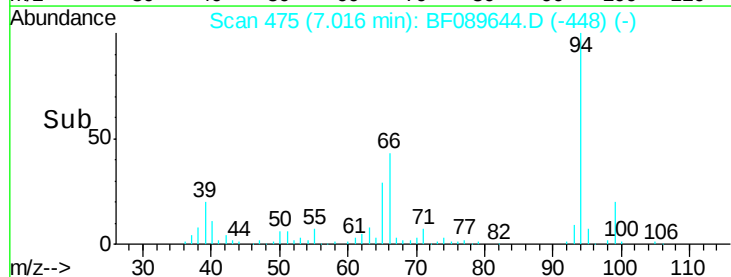
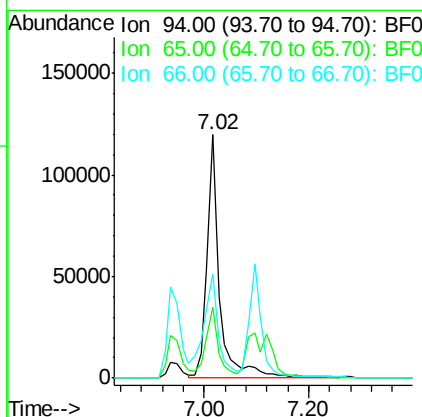
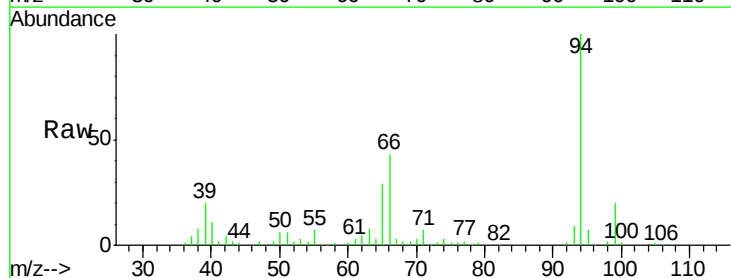
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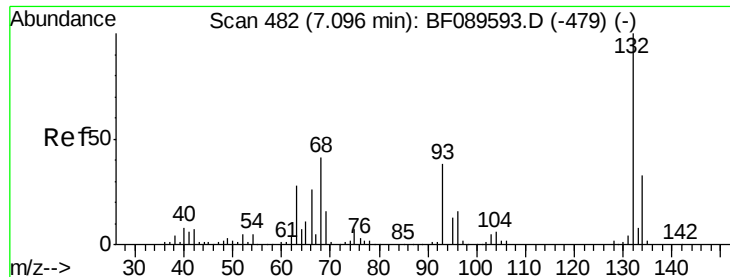
Delta R.T. 0.01 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion:	94	Resp:	195683
Ion	Ratio	Lower	Upper
94	100		
65	29.0	11.0	51.0
66	42.6	27.4	67.4





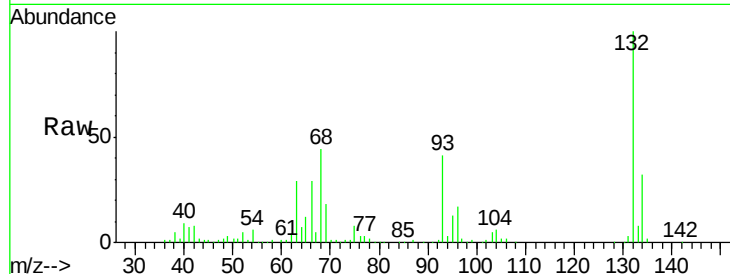
#11
bis(2-Chloroethyl)ether
Concen: 38.89 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	154932		
63	70.2	52.2	92.2	
95	32.2	13.1	53.1	

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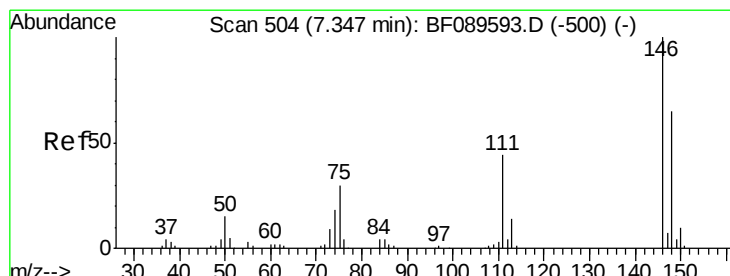
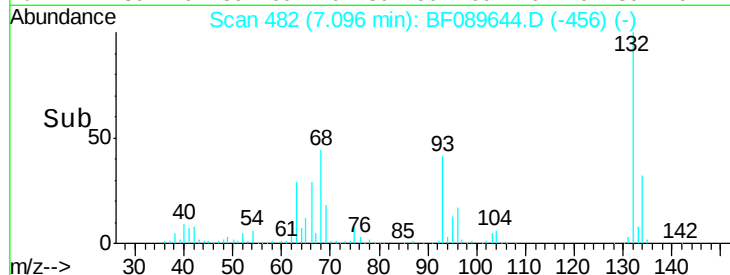
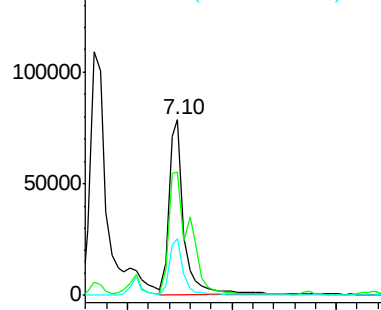


Abundance

Ion 93.00 (92.70 to 93.70): BF0

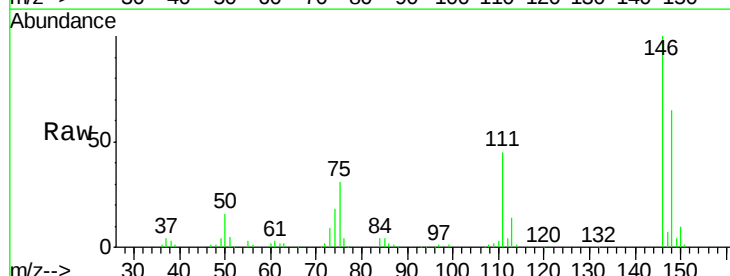
Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12
1,3-Dichlorobenzene
Concen: 39.26 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	174325		
148	64.5	52.1	78.1	
75	31.0	24.1	36.1	

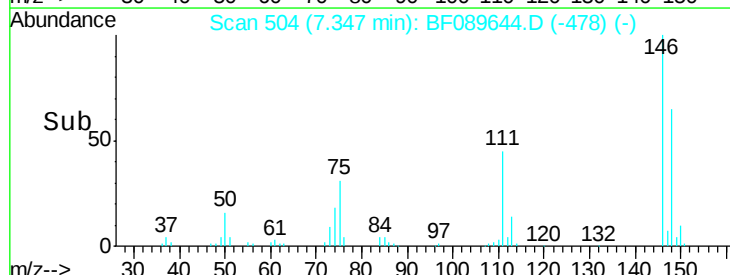
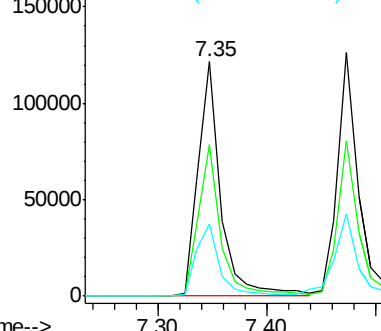


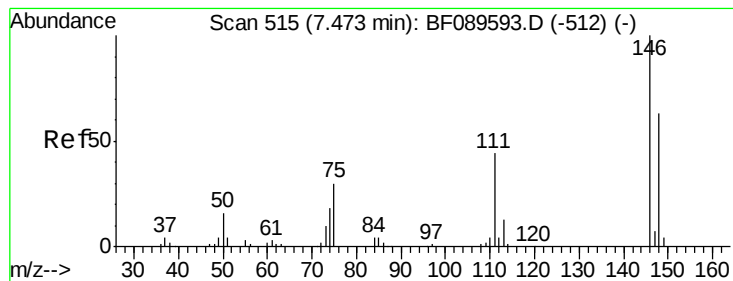
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.73 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

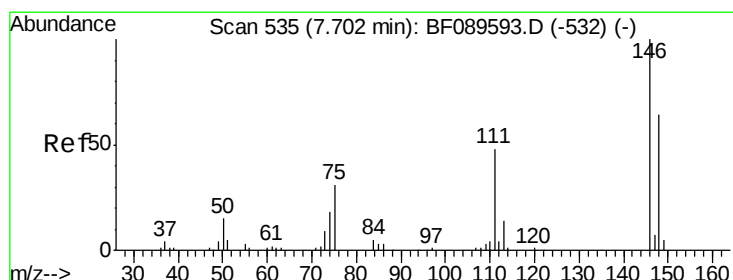
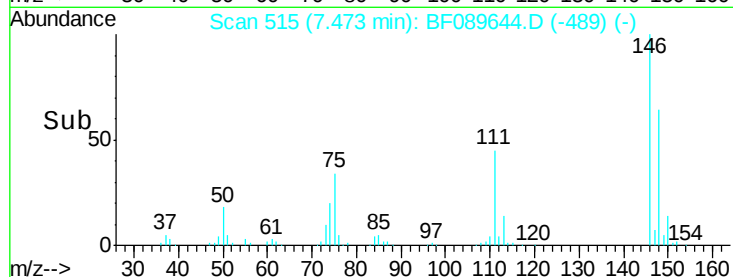
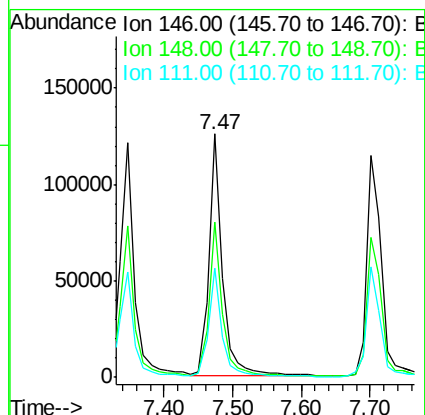
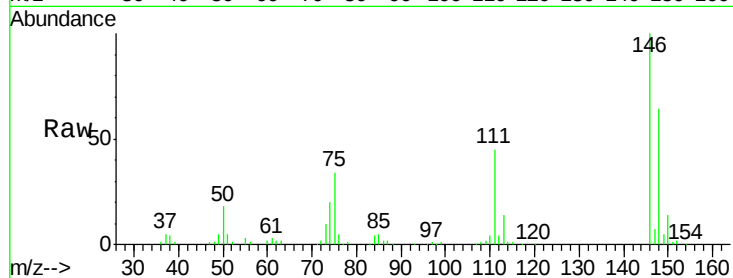
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	146	Resp:	171485
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.4	75.6
111	45.1	35.0	52.4

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#14

1,2-Dichlorobenzene

Concen: 35.86 ng

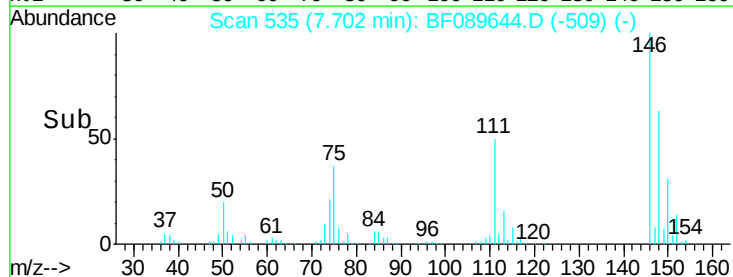
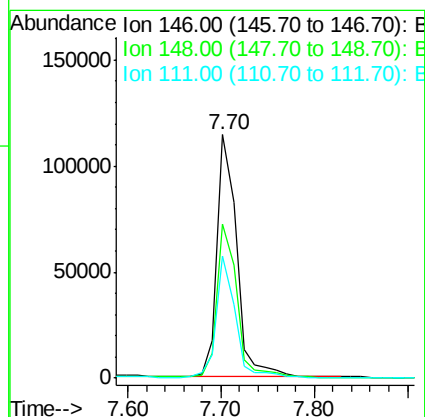
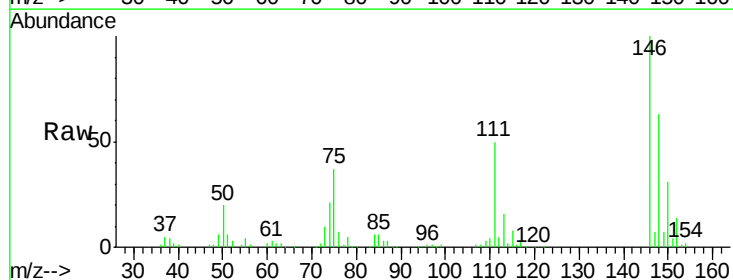
RT: 7.70 min Scan# 535

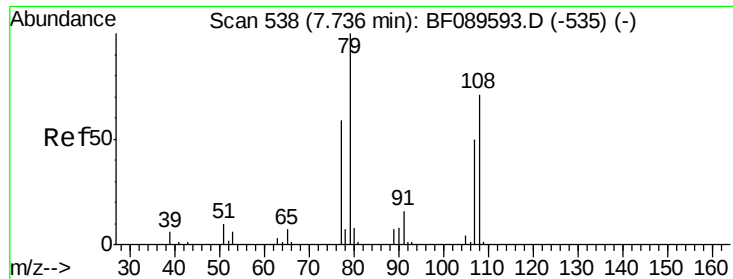
Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion:	146	Resp:	167367
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.0	76.6
111	50.1	38.5	57.7





#15

Benzyl Alcohol

Concen: 40.77 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

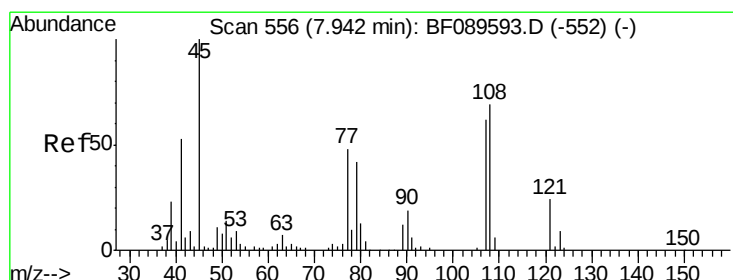
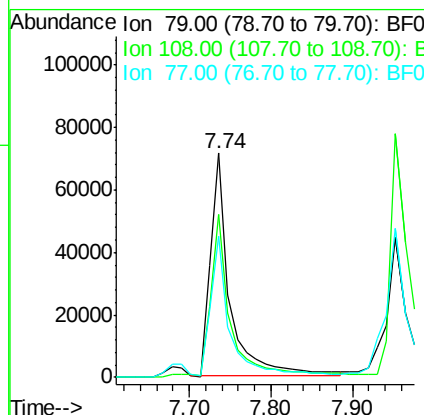
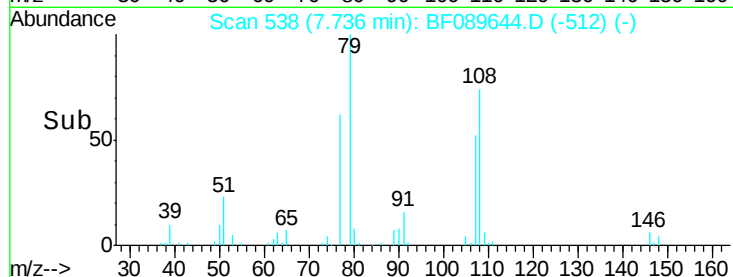
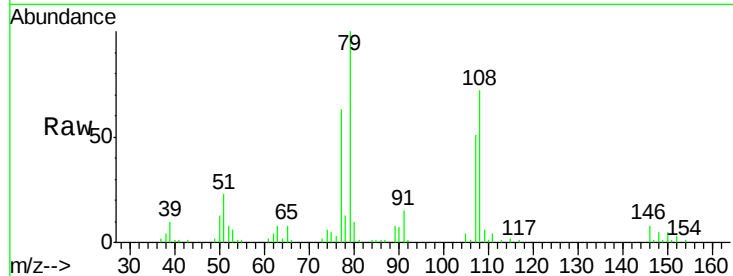
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	120756
Ion Ratio	Lower	Upper	
79	100		
108	72.5	58.3	87.5
77	62.9	48.7	73.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.20 ng

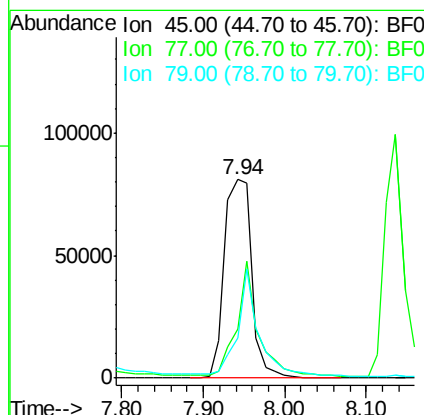
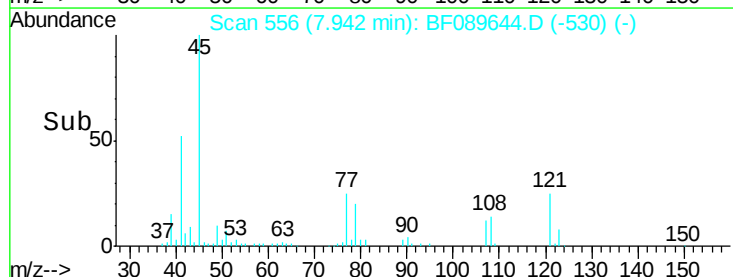
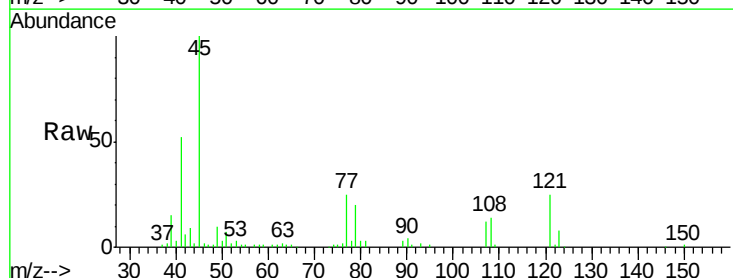
RT: 7.94 min Scan# 556

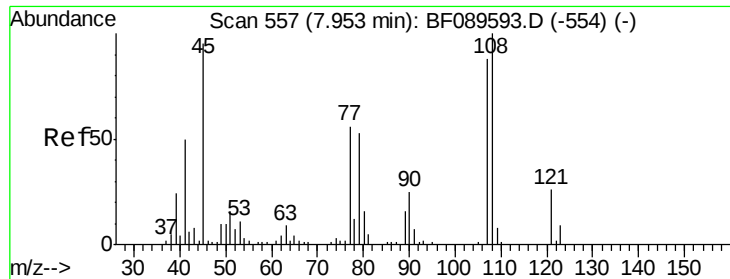
Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion:	45	Resp:	188738
Ion Ratio	Lower	Upper	
45	100		
77	24.5	30.1	70.1#
79	20.4	25.5	65.5#





#17

2-Methylphenol

Concen: 39.57 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

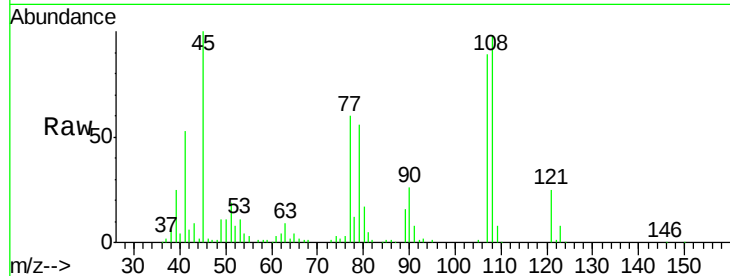
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	116815		
108	110.4	91.2	136.8	
77	67.5	54.6	82.0	
79	63.5	52.7	79.1	

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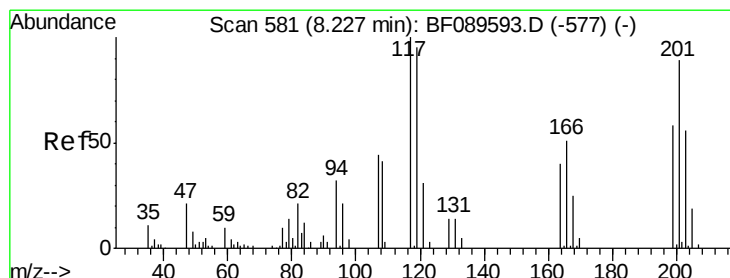
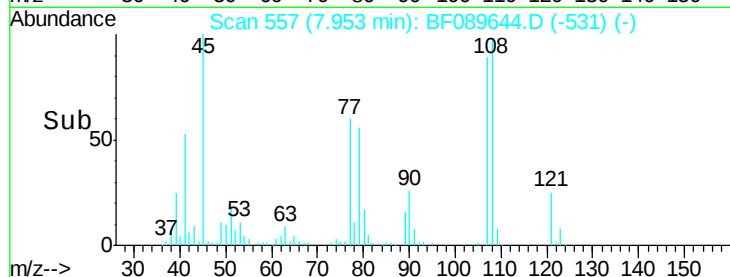
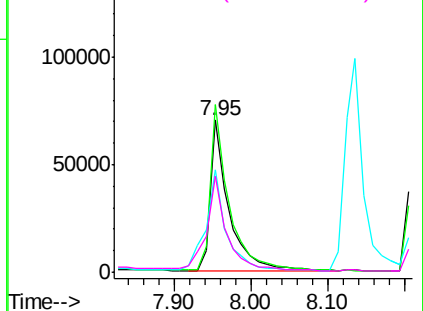
Abundance

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: 32.84 ng

RT: 8.23 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

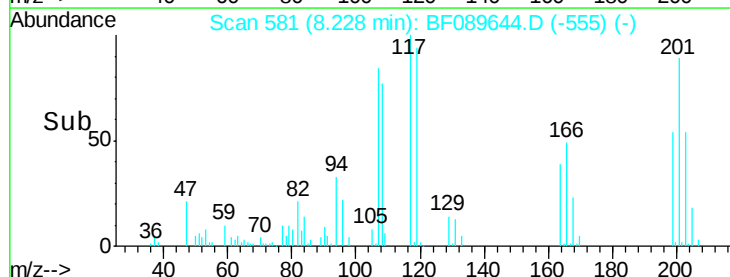
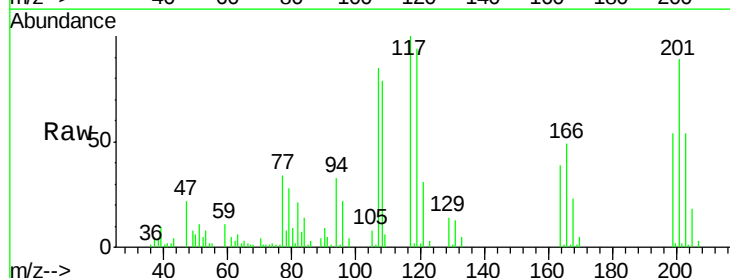
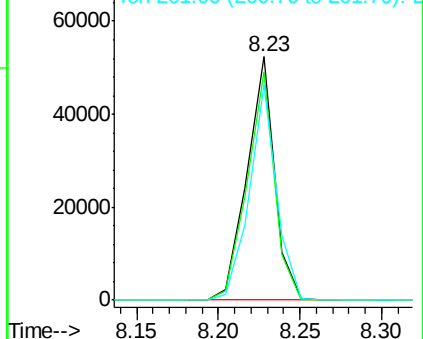
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61290		
119	94.0	75.7	113.5	
201	88.6	71.6	107.4	

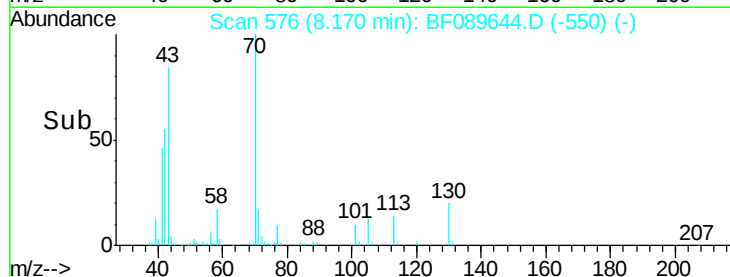
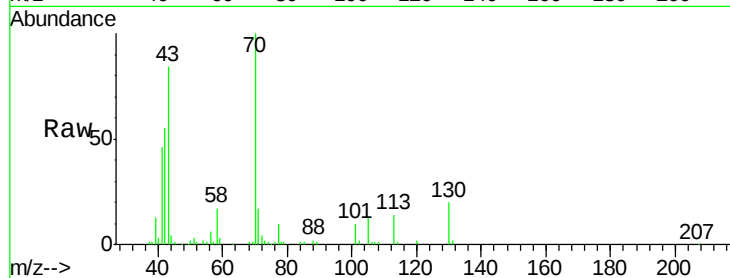
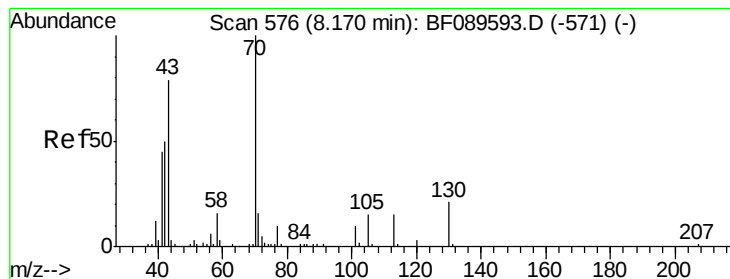
Abundance

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: 36.90 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 120400

Ion Ratio Lower Upper

70 100

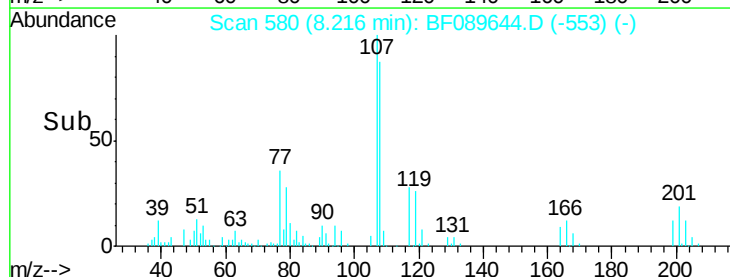
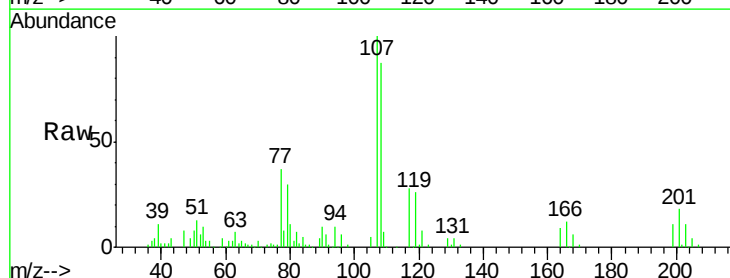
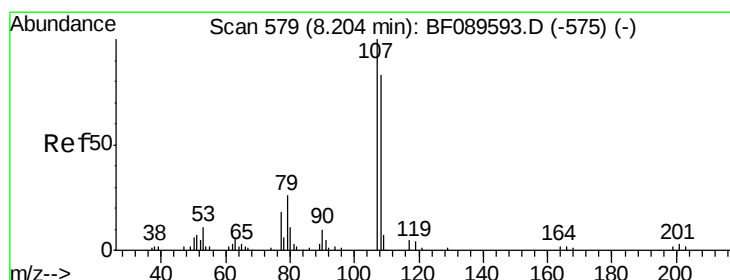
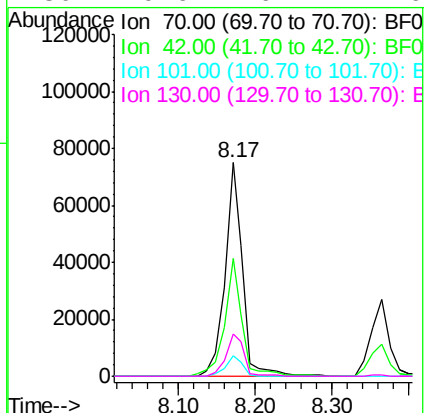
42 55.4 40.2 60.2

101 9.6 7.8 11.6

130 19.6 16.4 24.6

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#20

3+4-Methylphenols

Concen: 41.42 ng

RT: 8.22 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF089644.D

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Tgt Ion: 107 Resp: 154361

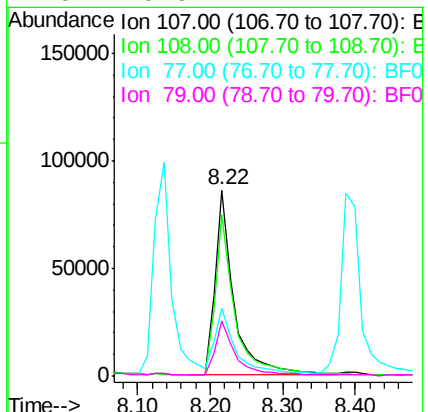
Ion Ratio Lower Upper

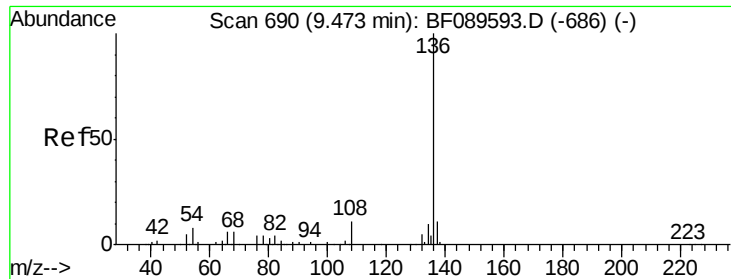
107 100

108 87.0 63.8 103.8

77 36.7 19.5 59.5

79 29.9 7.1 47.1





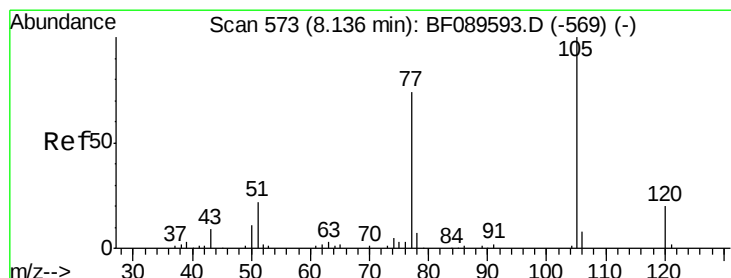
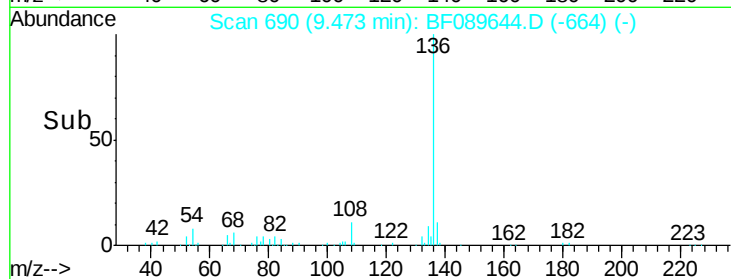
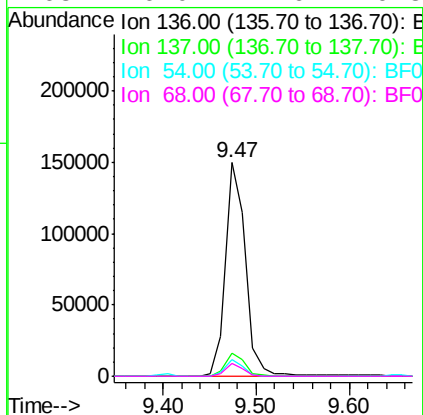
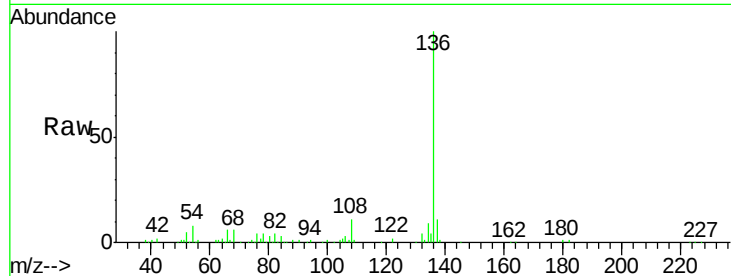
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	224402		
137	11.0	8.6	12.8	
54	7.7	6.0	9.0	
68	6.0	4.6	6.8	

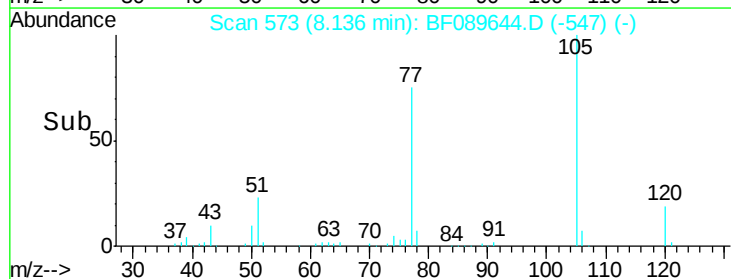
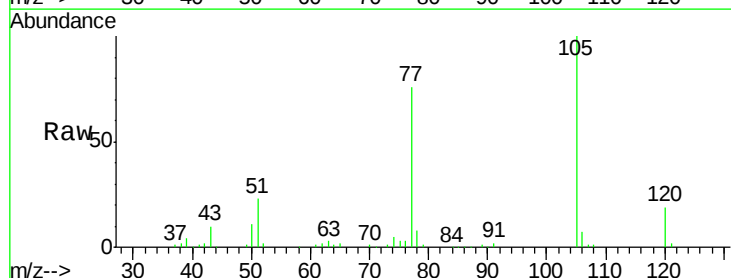
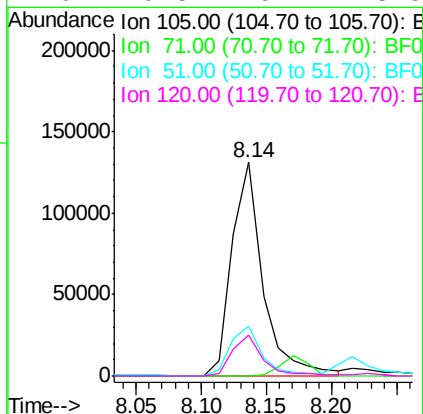
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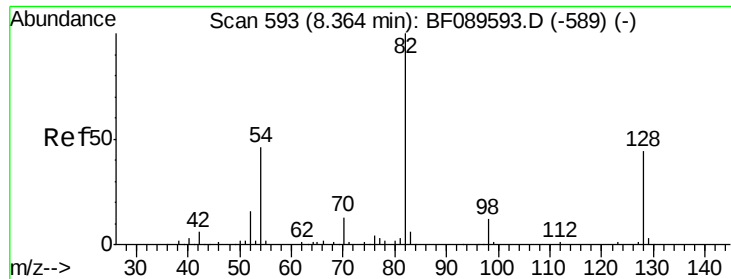
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#22
Acetophenone
Concen: 40.69 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217674		
71	0.2	0.0	0.0#	
51	23.2	18.2	27.2	
120	19.5	15.7	23.5	





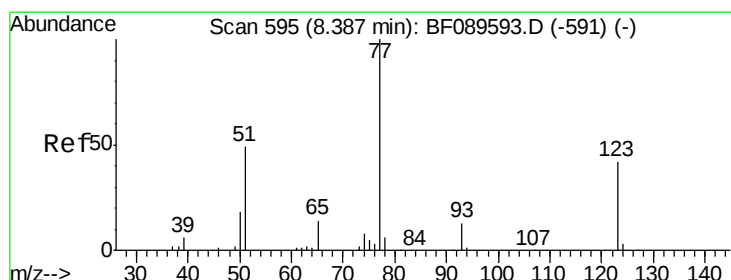
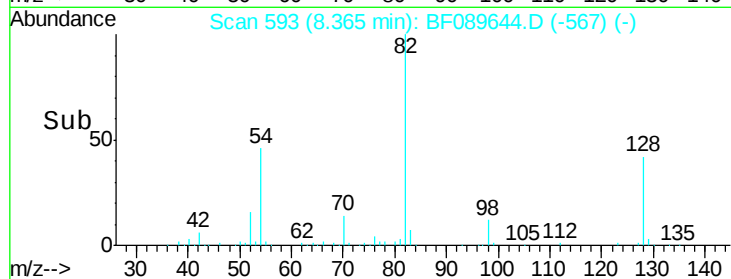
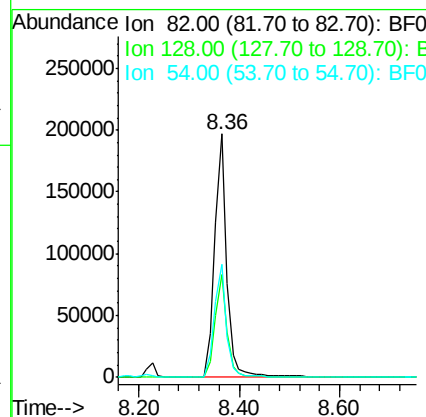
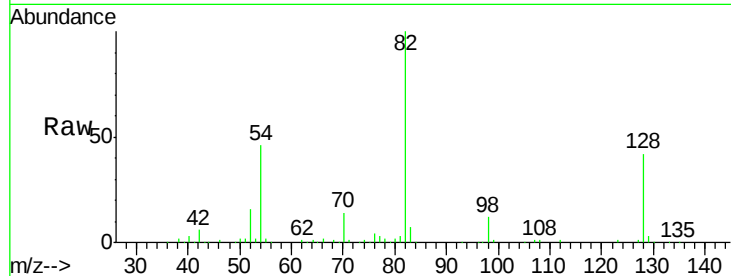
#23
Nitrobenzene-d5
Concen: 82.04 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	332833		
128	42.3		35.4	53.0
54	46.3		36.4	54.6

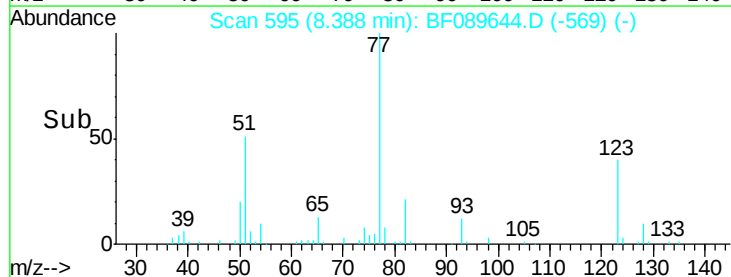
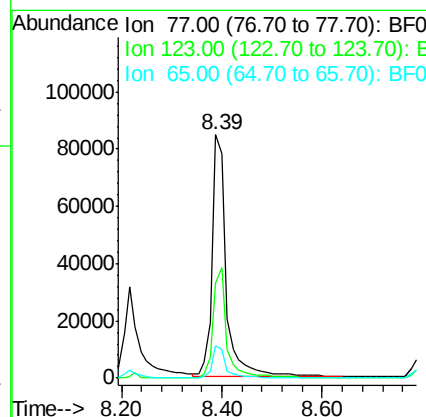
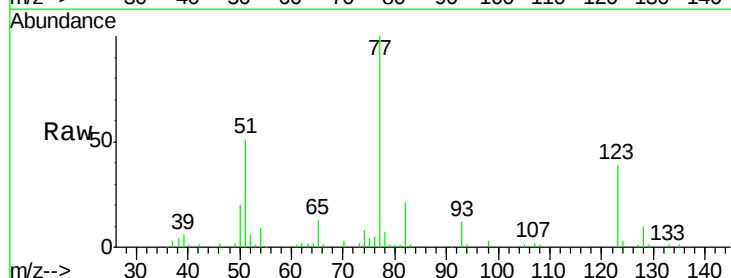
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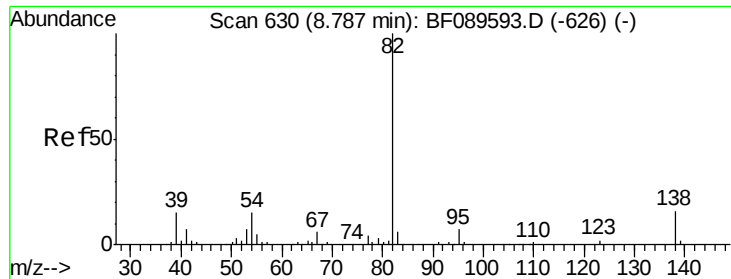
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#24
Nitrobenzene
Concen: 42.63 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	164290		
123	39.2		32.6	49.0
65	13.3		11.0	16.6





#25

Isophorone

Concen: 38.39 ng

RT: 8.79 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 298253
Ion Ratio Lower Upper

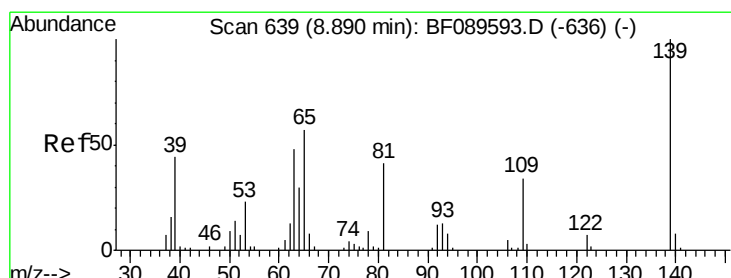
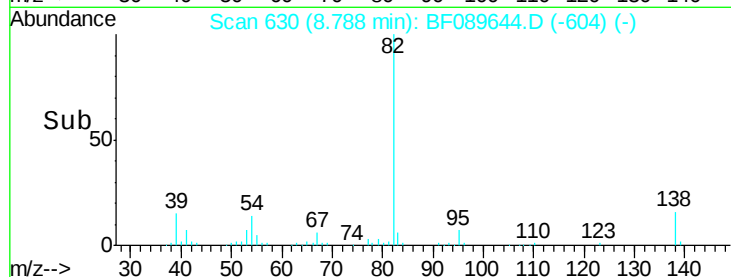
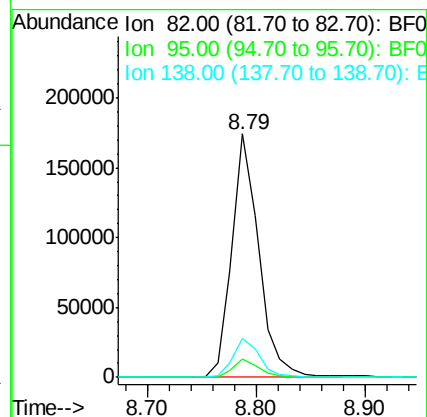
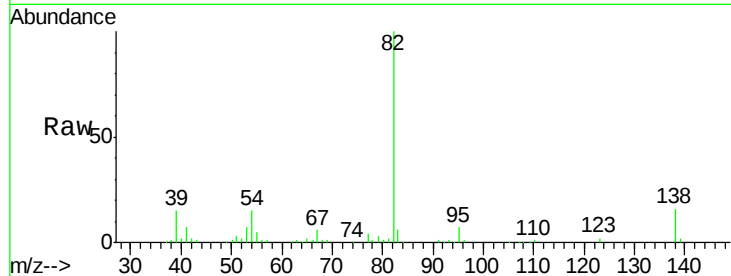
82 100

95 7.3 5.8 8.8

138 15.9 12.6 18.8

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#26

2-Nitrophenol

Concen: 40.74 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF089644.D

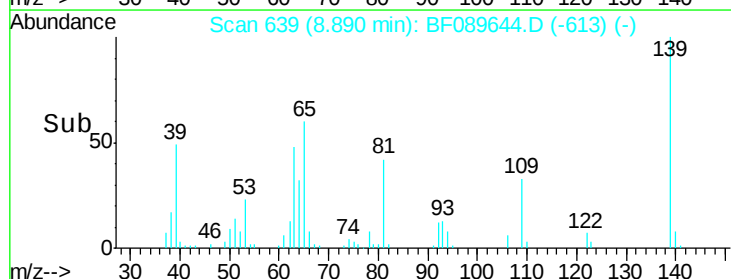
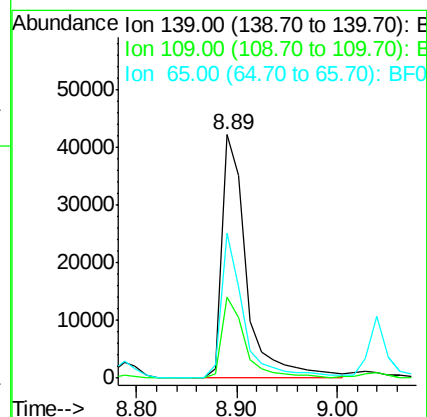
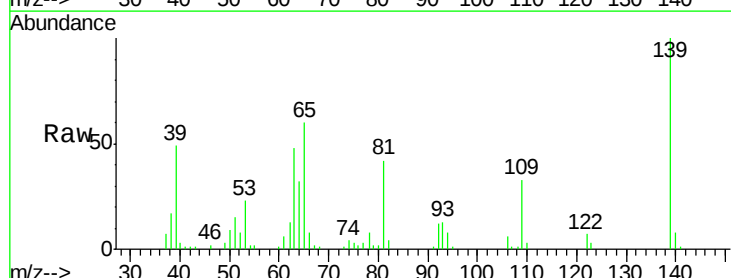
Acq: 5 Aug 2016 22:48

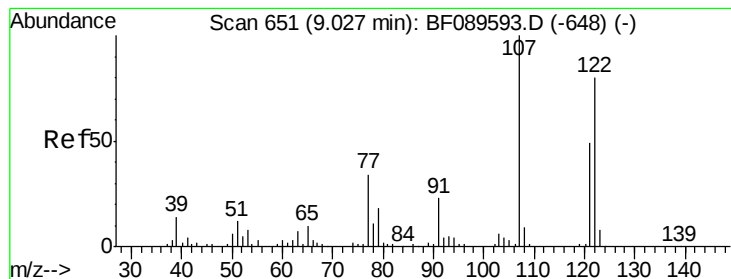
Tgt Ion: 139 Resp: 72050
Ion Ratio Lower Upper

139 100

109 33.5 27.5 41.3

65 59.8 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 41.34 ng

RT: 9.04 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

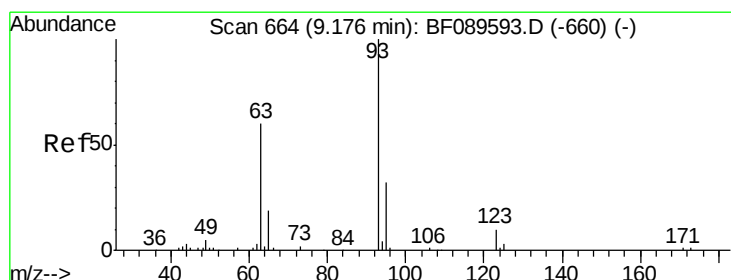
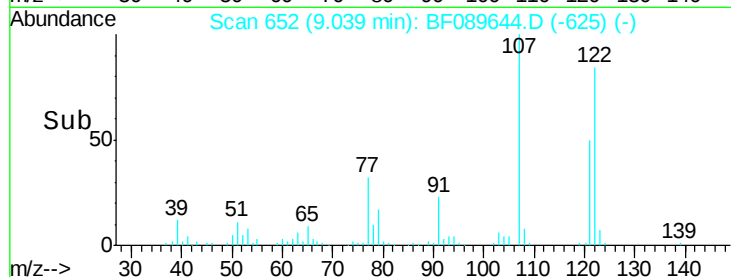
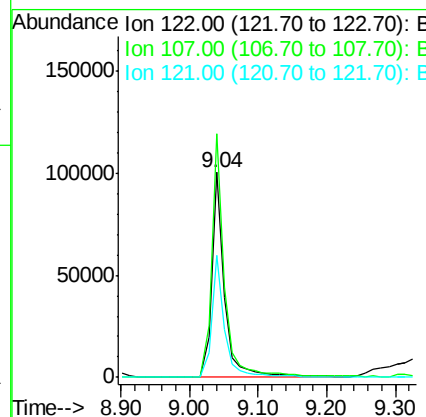
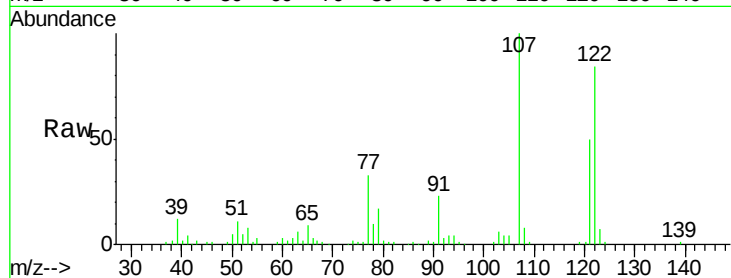
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	122	Resp:	131440
Ion Ratio	Lower	Upper	
122	100		
107	118.9	99.5	149.3
121	59.7	48.5	72.7

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#28

bis(2-Chloroethoxy)methane

Concen: 40.64 ng

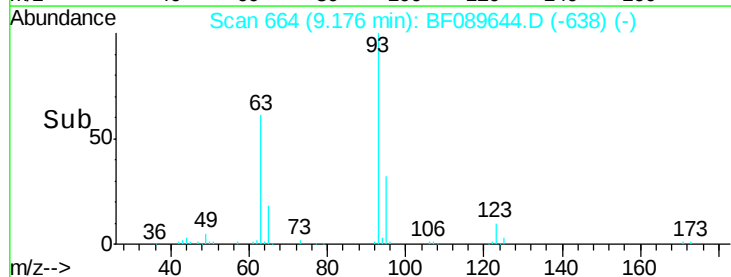
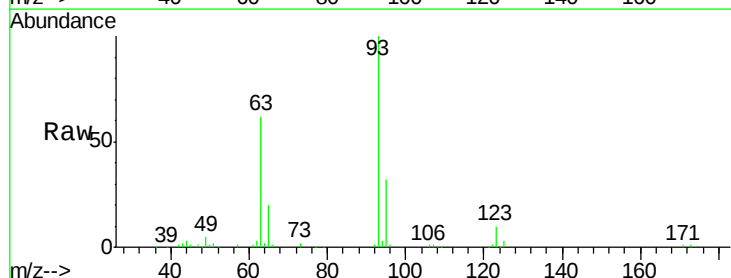
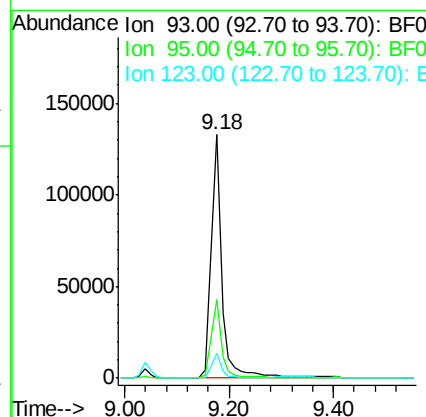
RT: 9.18 min Scan# 664

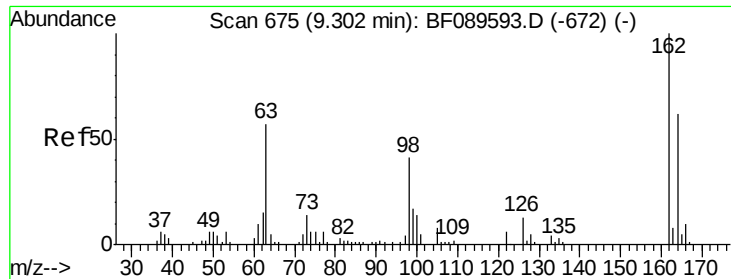
Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion:	93	Resp:	191005
Ion Ratio	Lower	Upper	
93	100		
95	32.3	25.8	38.8
123	10.0	8.0	12.0





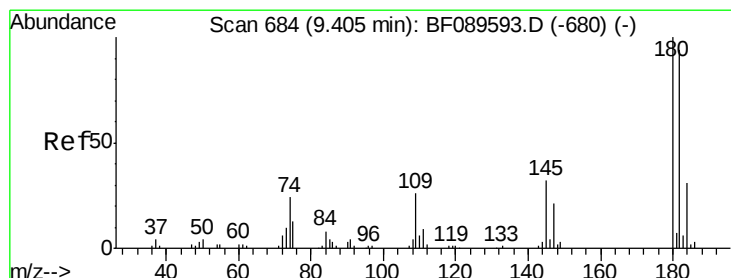
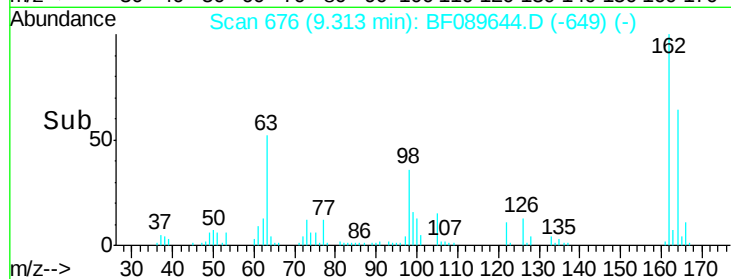
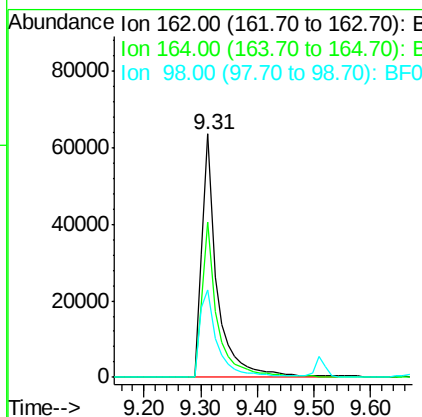
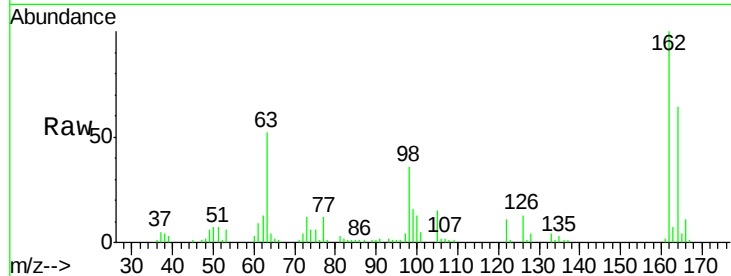
#29
 2,4-Dichlorophenol
 Concen: 38.60 ng
 RT: 9.31 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	116137		
164	63.8	42.3	82.3	
98	36.1	21.2	61.2	

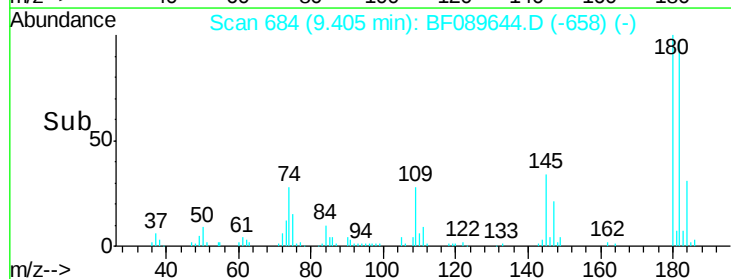
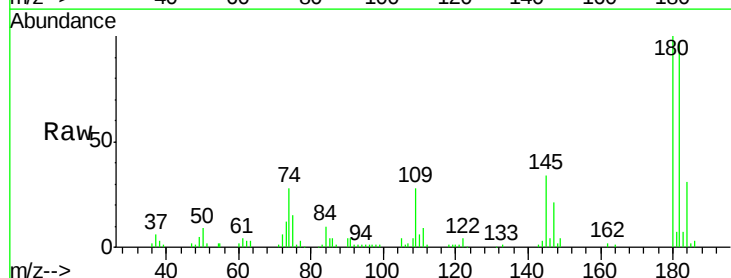
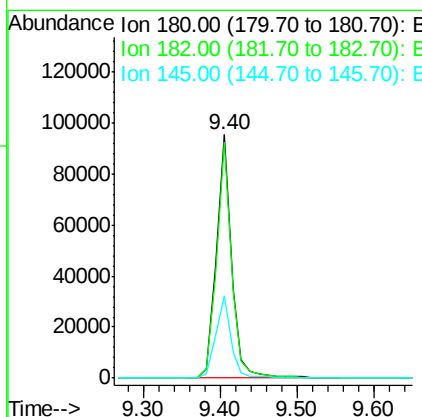
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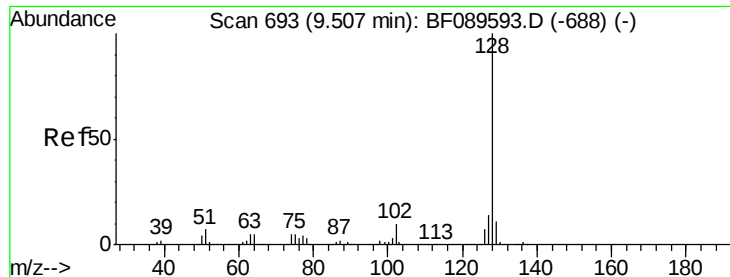
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.35 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	131755		
182	96.8	75.0	112.6	
145	33.6	25.6	38.4	





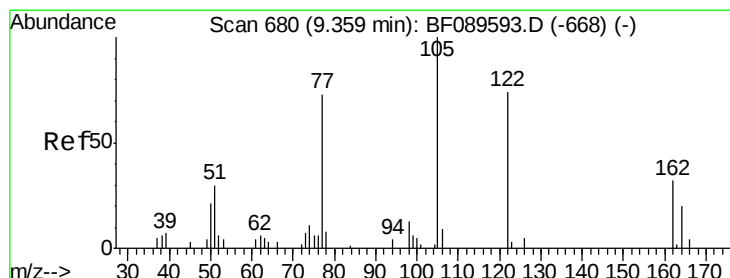
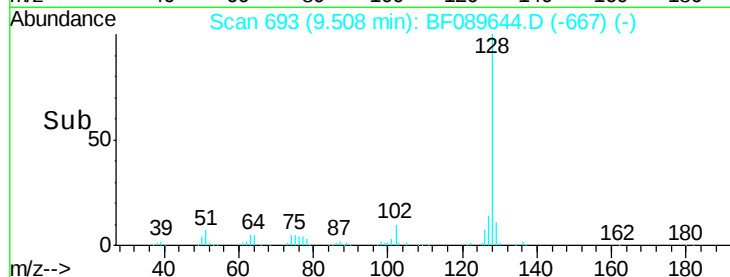
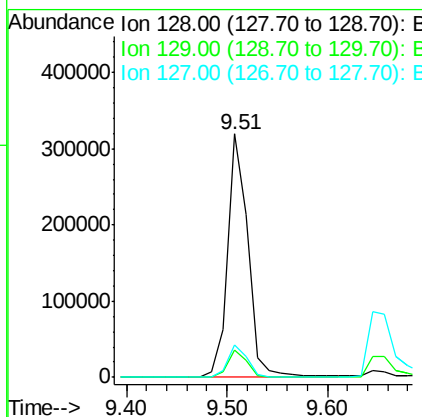
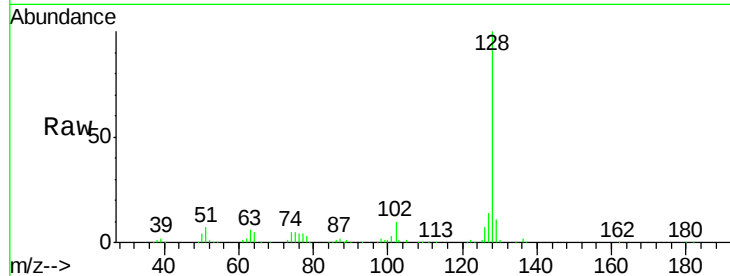
#31
Naphthalene
Concen: 37.77 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	450550		
129	11.2	8.7	13.1	
127	13.5	10.9	16.3	

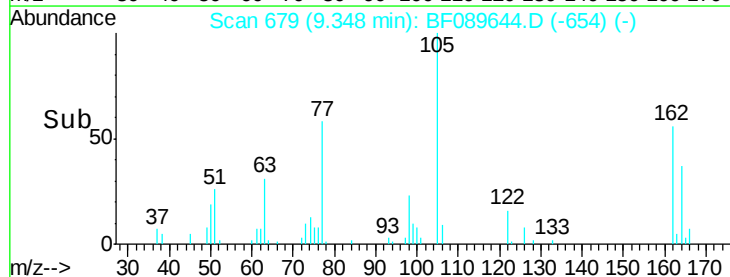
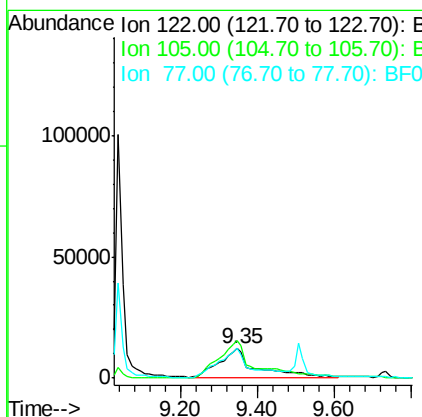
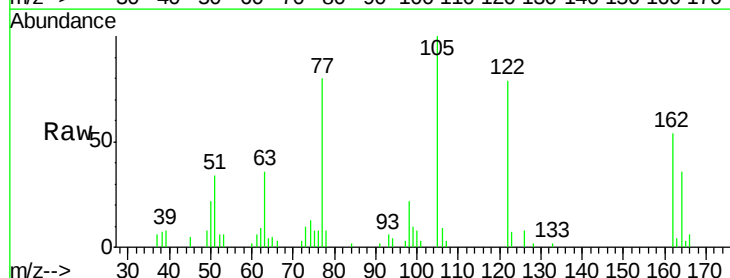
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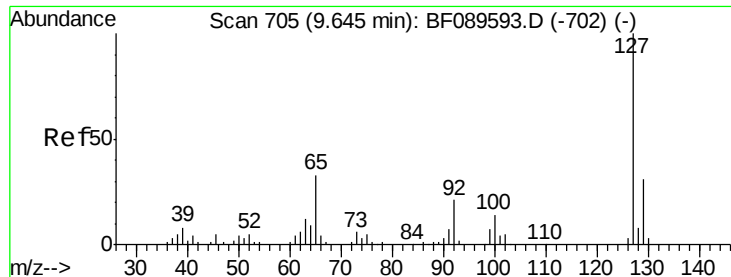
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#32
Benzoic acid
Concen: 37.41 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	74730		
105	126.2	109.9	149.9	
77	101.3	77.5	117.5	





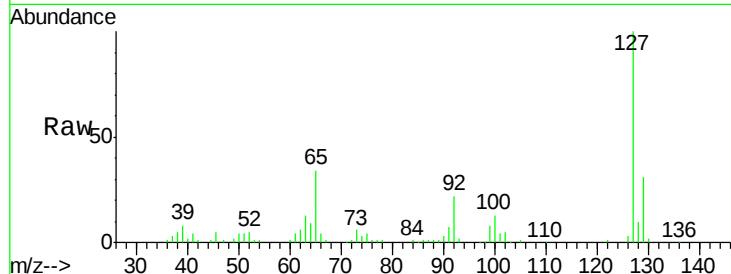
#33
 4-Chloroaniline
 Concen: 40.67 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

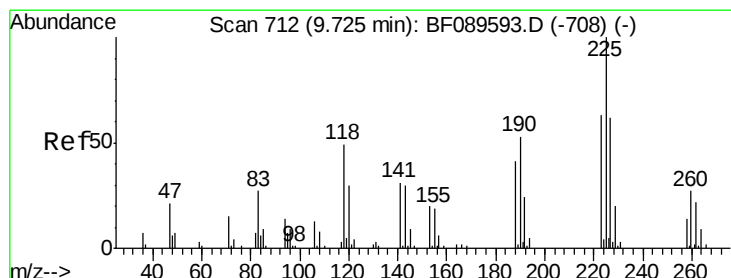
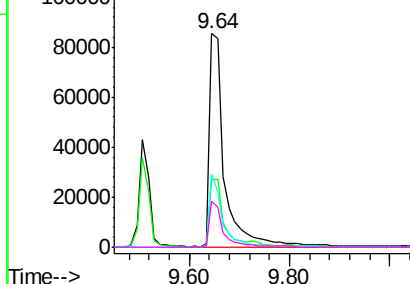
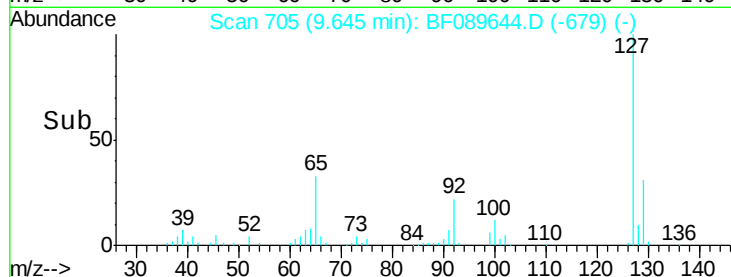
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	182176		
129	31.5	25.1	37.7	
65	34.2	26.2	39.2	
92	21.6	16.9	25.3	

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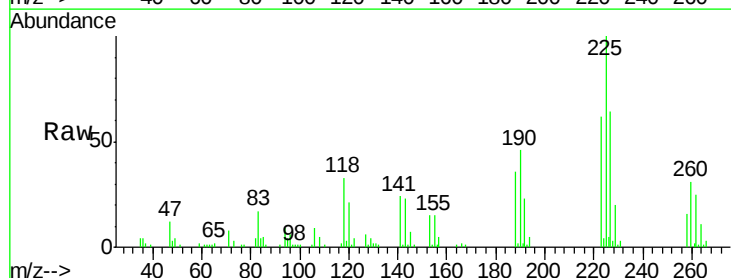


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

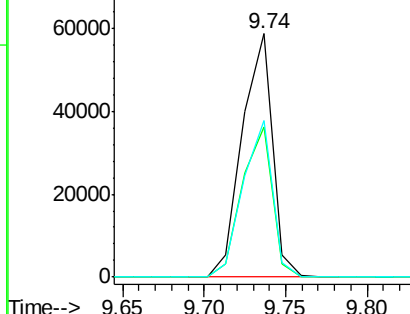
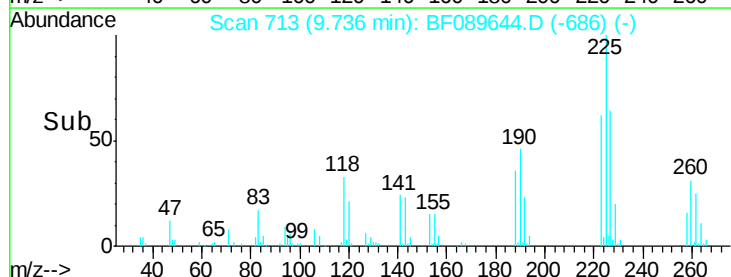


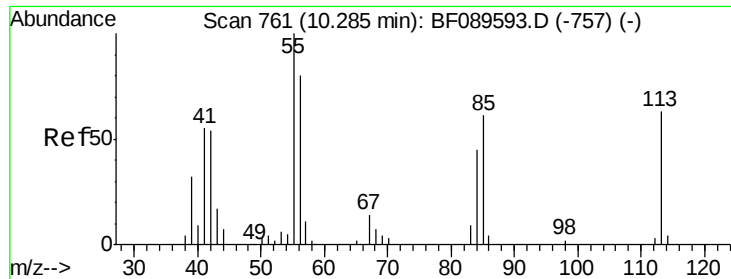
#34
 Hexachlorobutadiene
 Concen: 37.92 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75035		
223	61.6	50.7	76.1	
227	64.5	49.4	74.0	



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.70 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

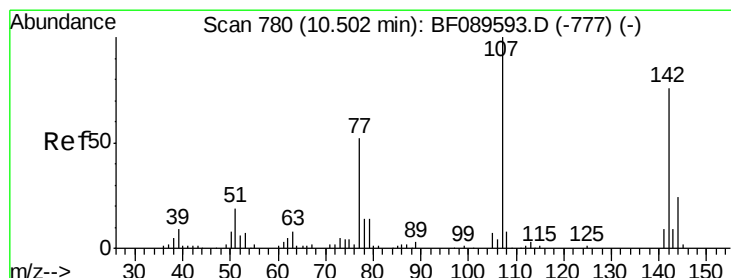
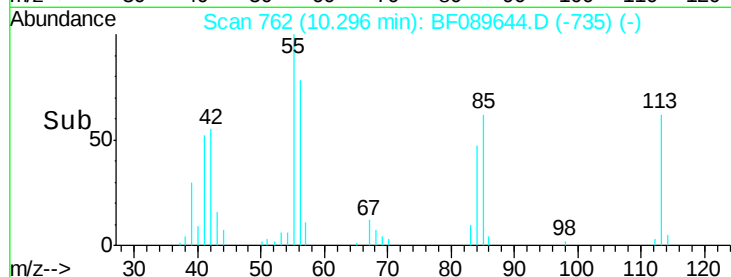
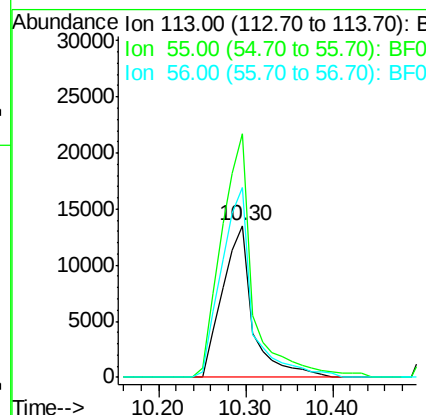
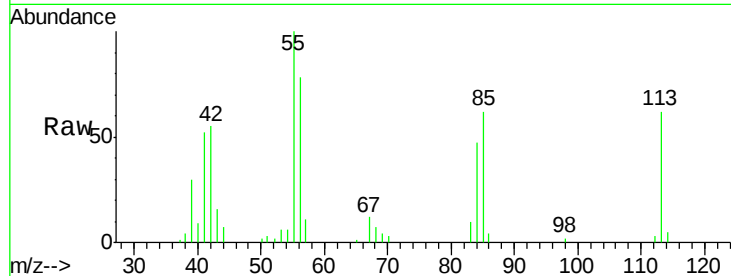
ClientSampleId :

SSTDCCC040EC

Tgt Ion:113 Resp: 33053
 Ion Ratio Lower Upper
 113 100
 55 160.7 139.6 179.6
 56 125.7 108.2 148.2

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#36

4-Chloro-3-methylphenol

Concen: 37.62 ng

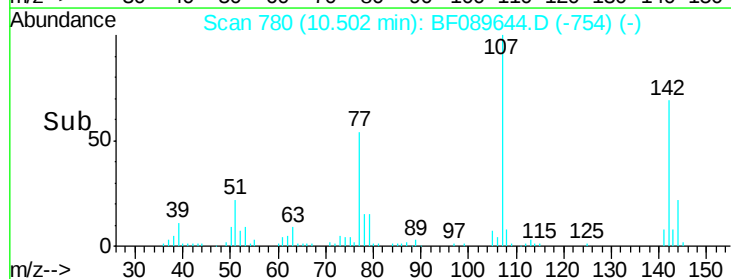
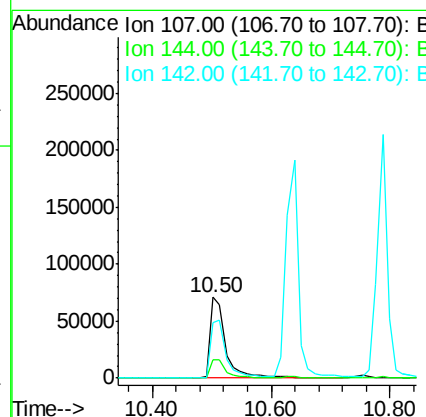
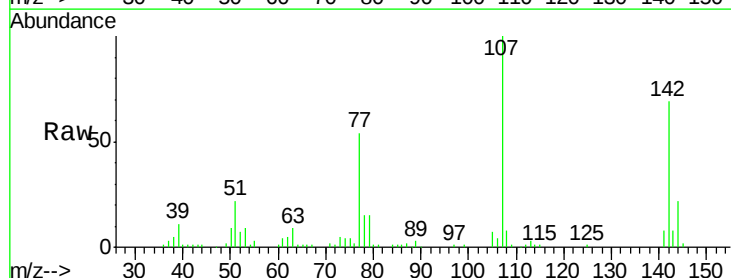
RT: 10.50 min Scan# 780

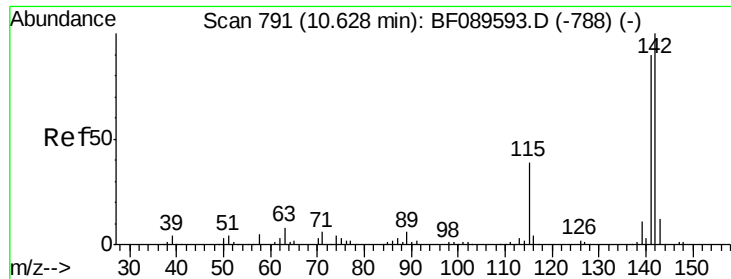
Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion:107 Resp: 131539
 Ion Ratio Lower Upper
 107 100
 144 22.0 18.9 28.3
 142 68.6 60.4 90.6





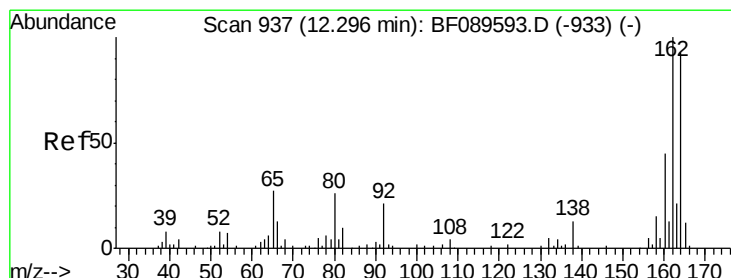
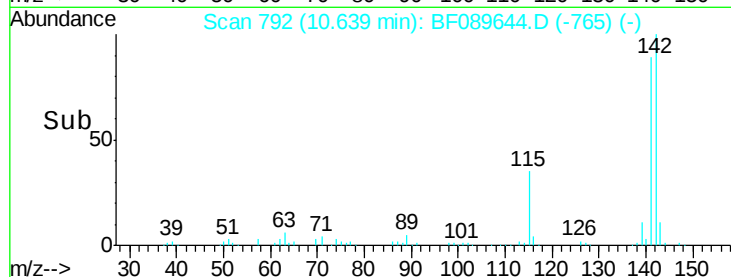
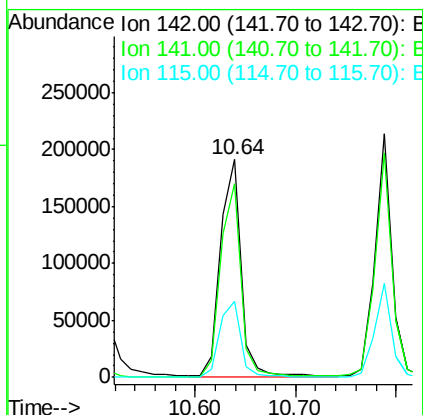
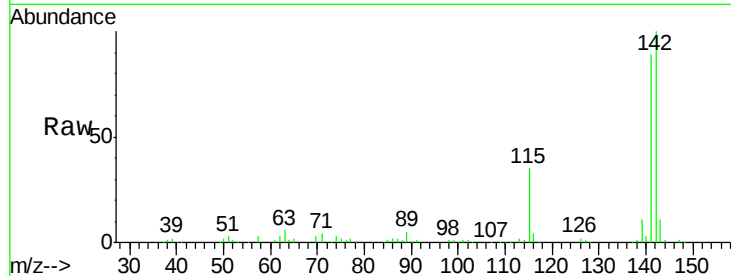
#37
 2-Methylnaphthalene
 Concen: 37.14 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.8	107.6
115	35.1	31.0	46.4

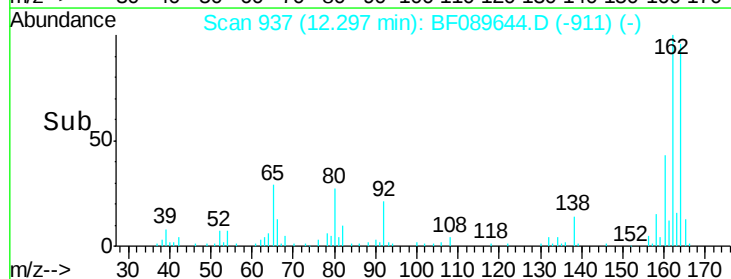
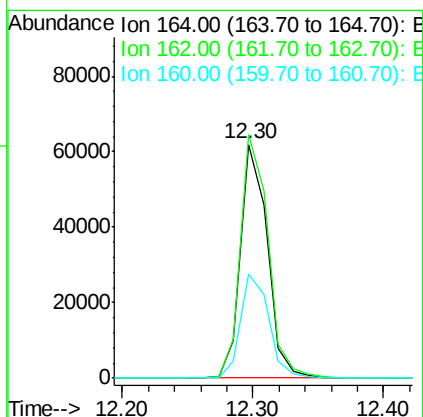
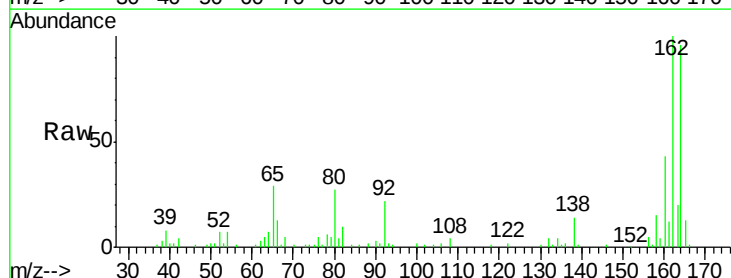
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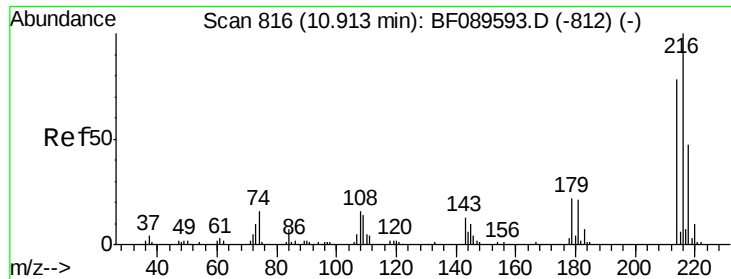
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.7	128.5
160	44.7	38.2	57.4





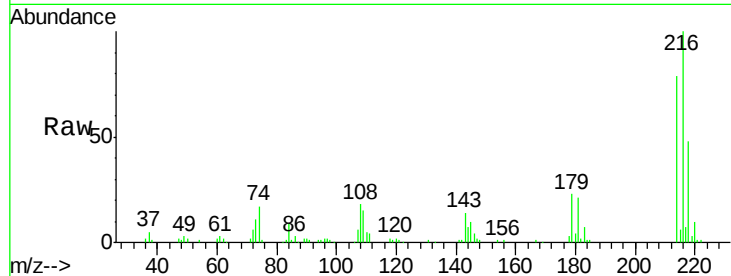
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.07 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

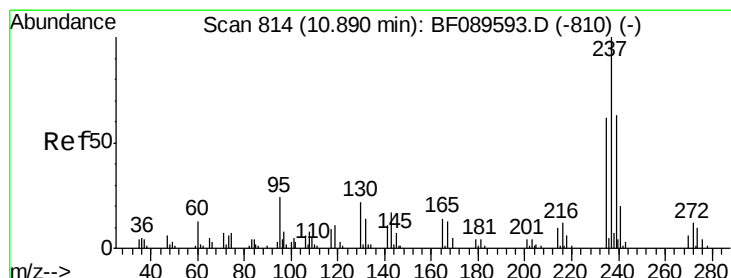
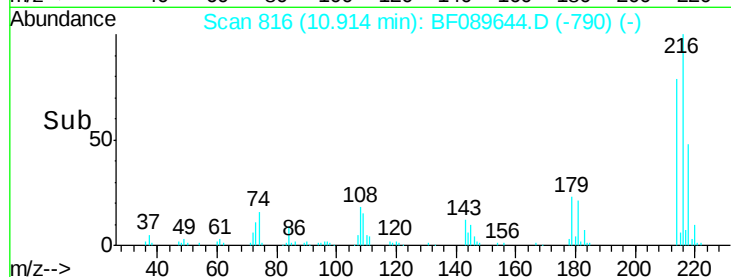
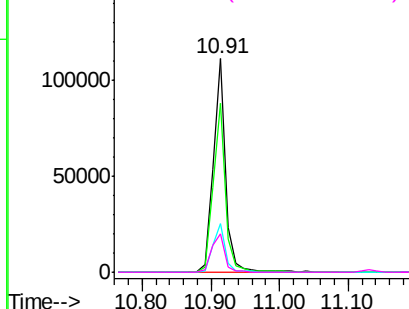
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	140145		
214	78.7	62.6	94.0	
179	23.0	17.8	26.8	
108	19.5	16.3	24.5	

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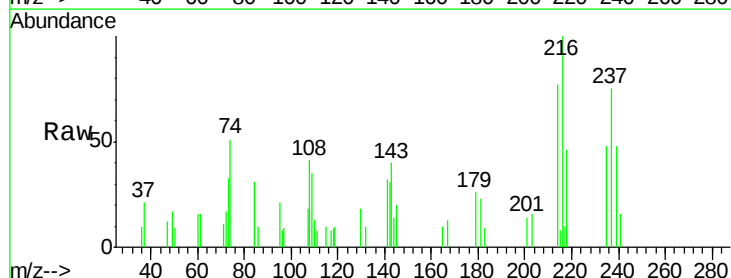


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

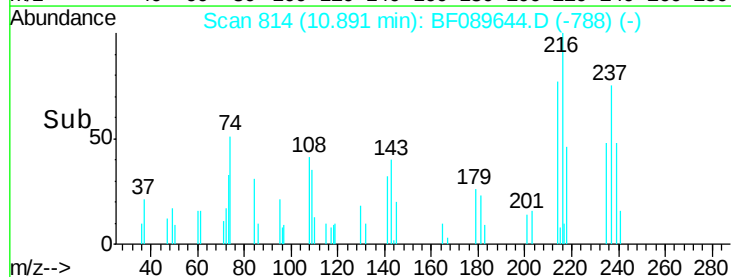
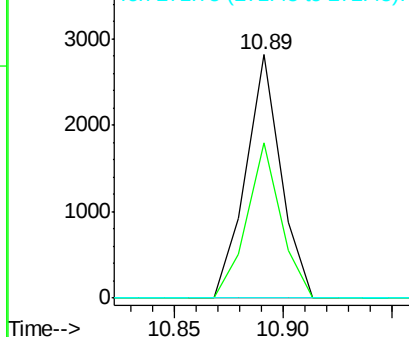


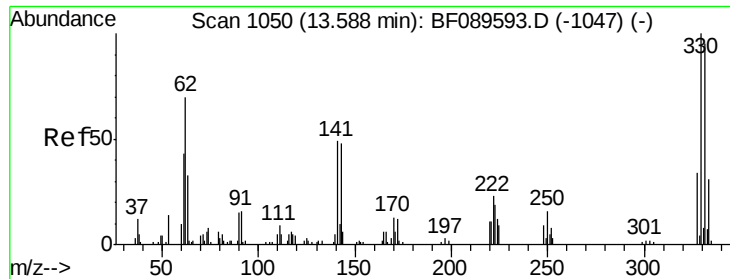
#40
 Hexachlorocyclopentadiene
 Concen: 11.48 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	3162		
235	63.8	41.9	81.9	
272	0.0	0.0	32.4	



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





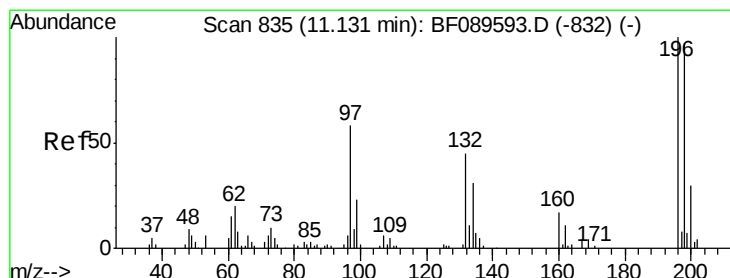
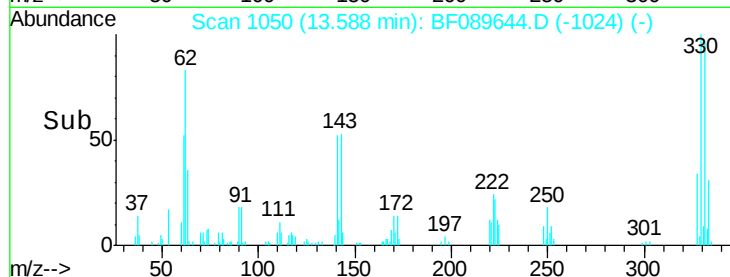
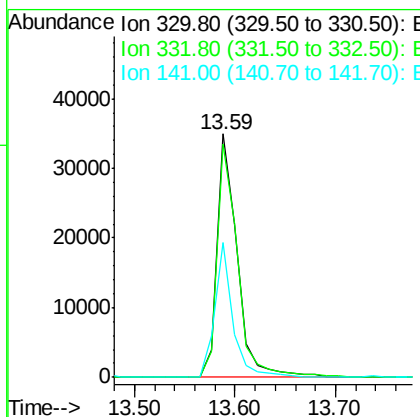
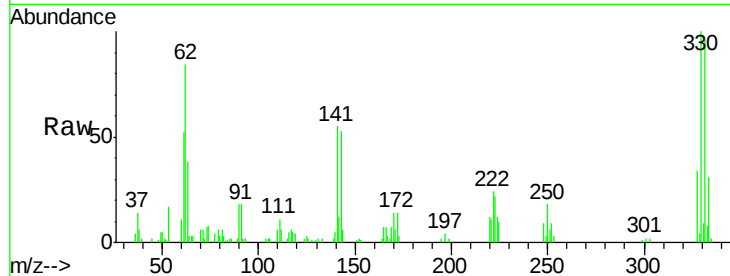
#41
 2,4,6-Tribromophenol
 Concen: 66.44 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	49.6	38.6	57.8

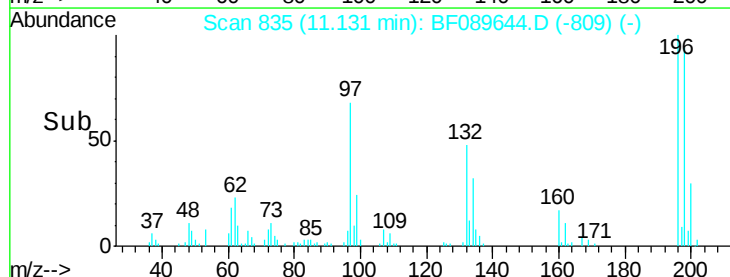
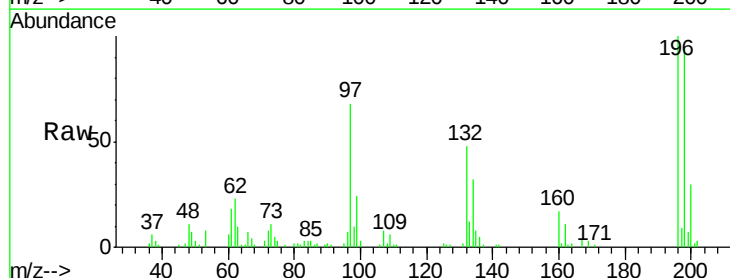
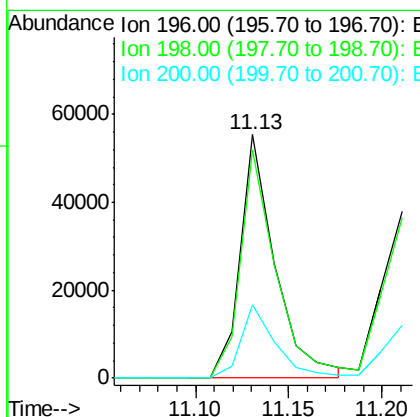
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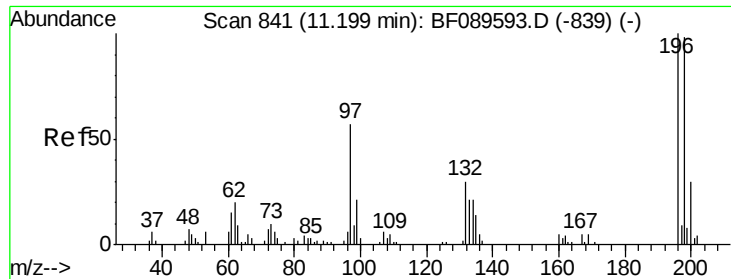
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#42
 2,4,6-Trichlorophenol
 Concen: 44.03 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.6	116.4
200	30.3	23.8	35.8





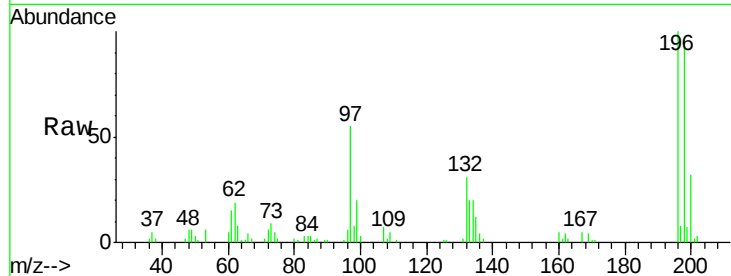
#43
 2,4,5-Trichlorophenol
 Concen: 43.02 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.01 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

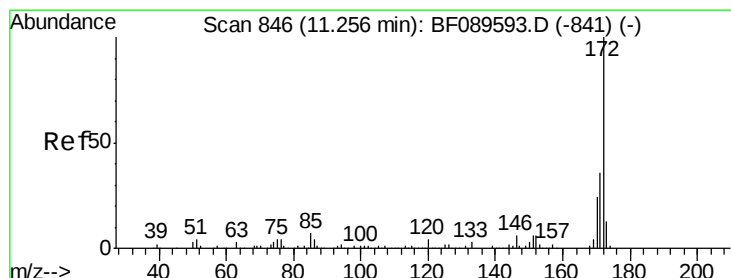
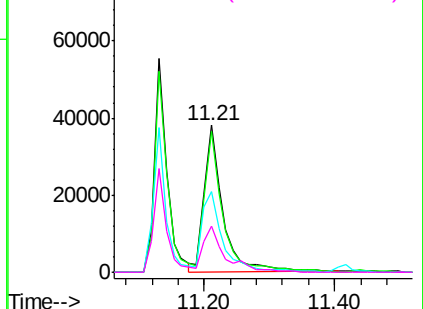
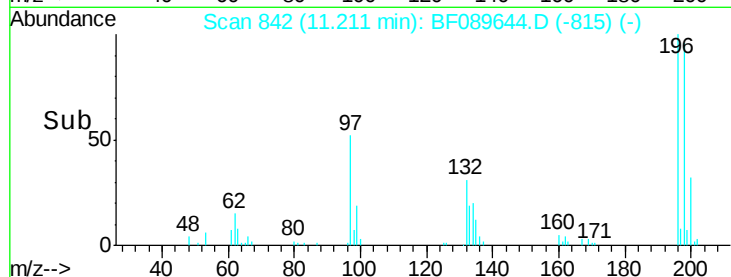
Tgt Ion:	196	Resp:	75545
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.8	116.6
97	55.2	45.8	68.6
132	31.0	25.1	37.7

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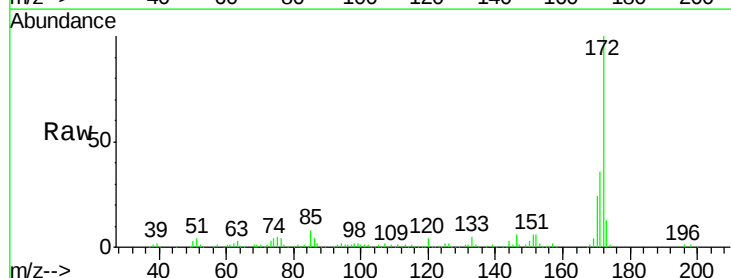


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

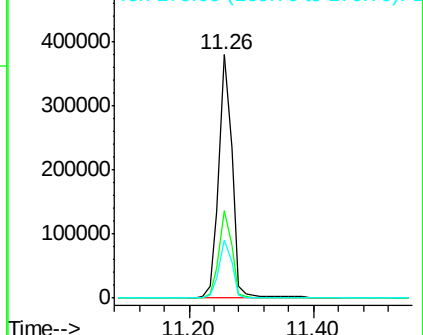
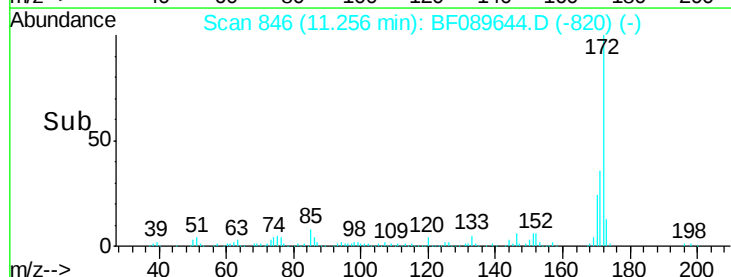


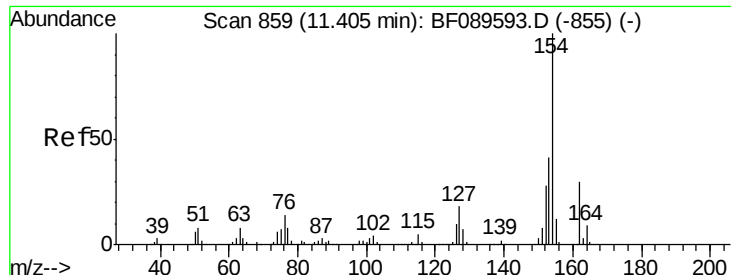
#44
 2-Fluorobiphenyl
 Concen: 82.22 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion:	172	Resp:	560721
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.9	43.3
170	23.9	19.0	28.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





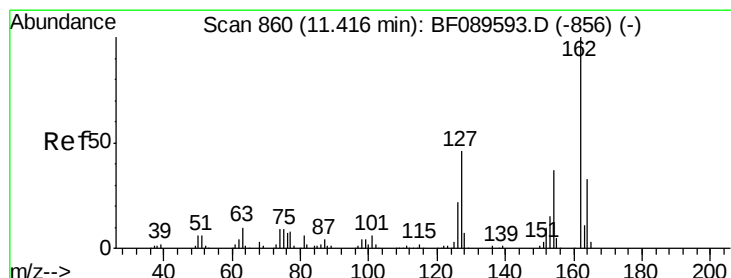
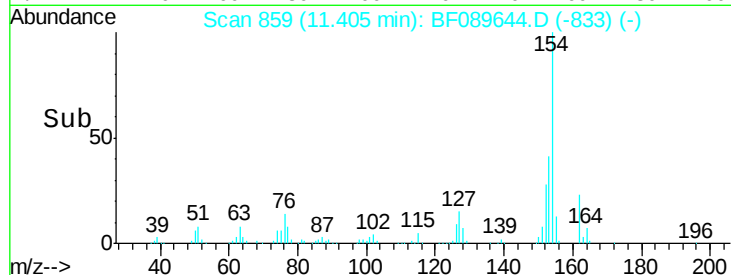
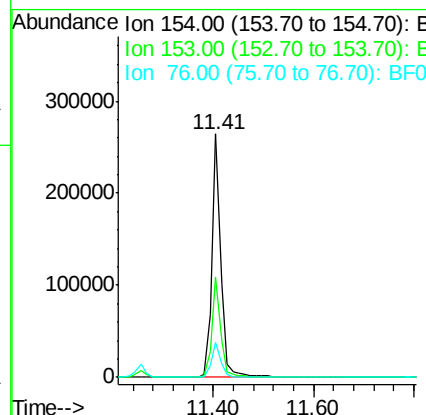
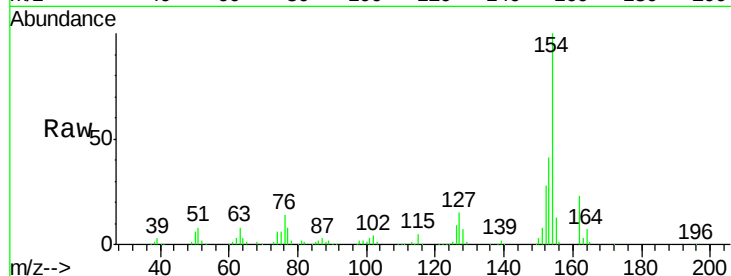
#45
 1,1'-Biphenyl
 Concen: 41.27 ng
 RT: 11.41 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	20.6	60.6	
76	14.4	0.0	33.7	

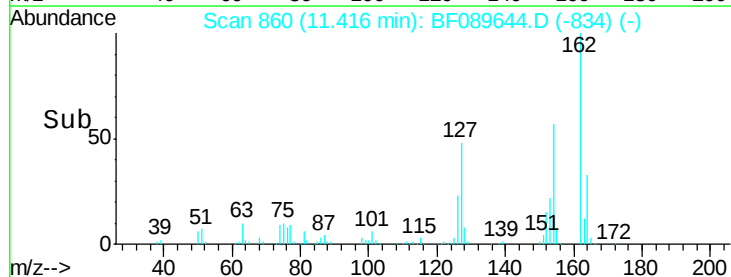
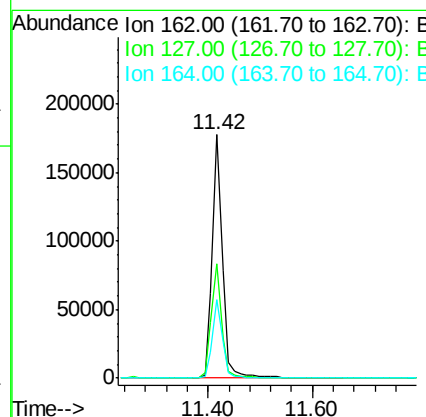
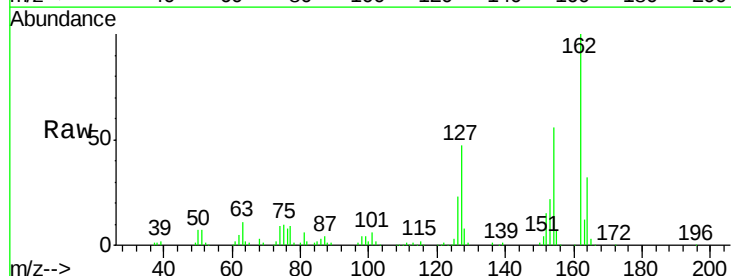
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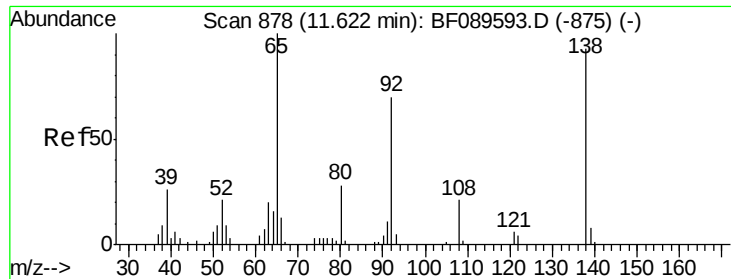
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#46
 2-Chloronaphthalene
 Concen: 40.69 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	47.2	36.6	54.8	
164	32.4	26.8	40.2	





#47

2-Nitroaniline

Concen: 40.66 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

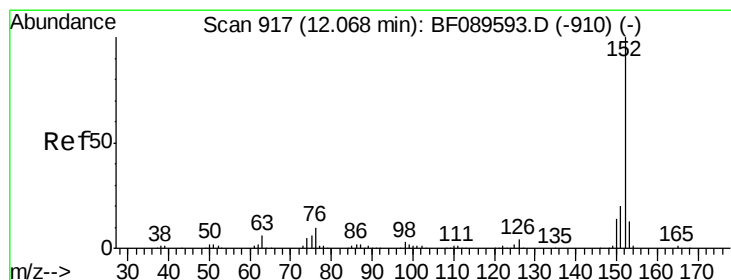
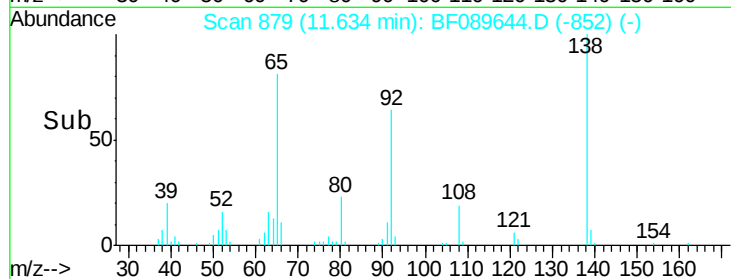
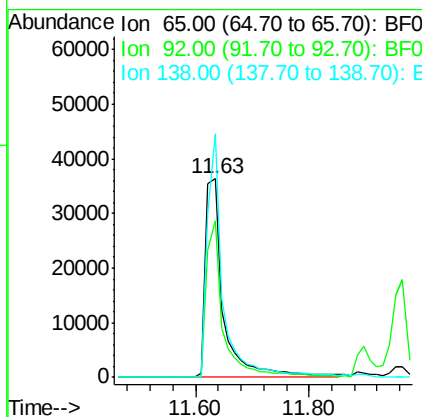
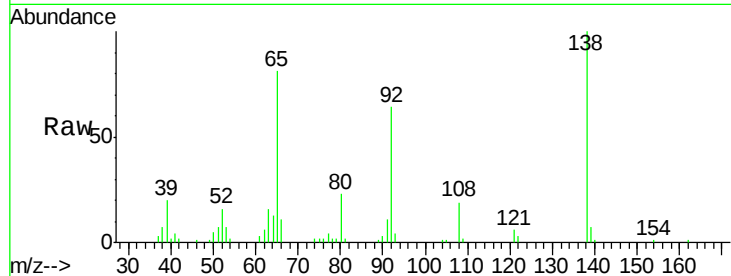
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.8	56.3	84.5
138	122.8	74.3	111.5

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#48

Acenaphthylene

Concen: 38.16 ng

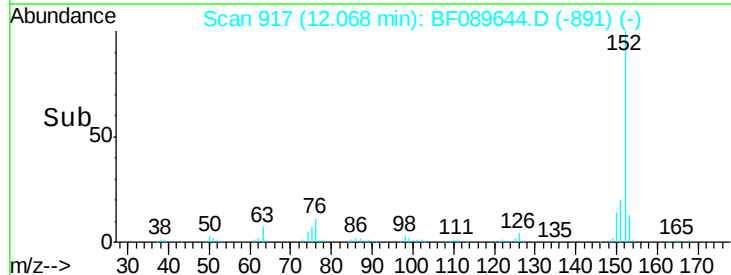
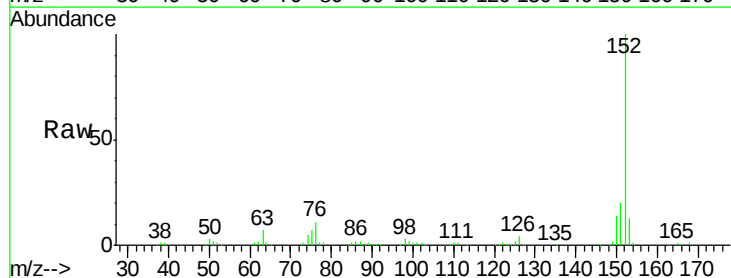
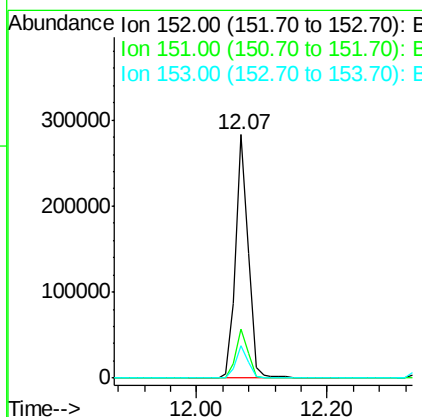
RT: 12.07 min Scan# 917

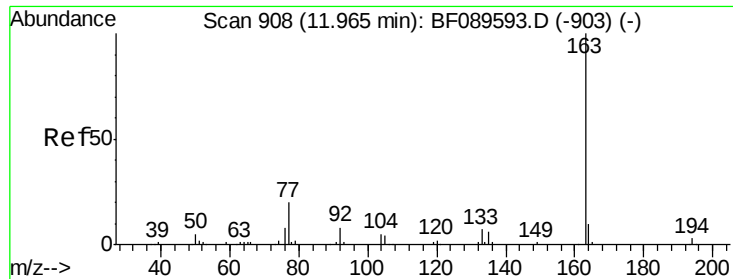
Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.4	10.5	15.7





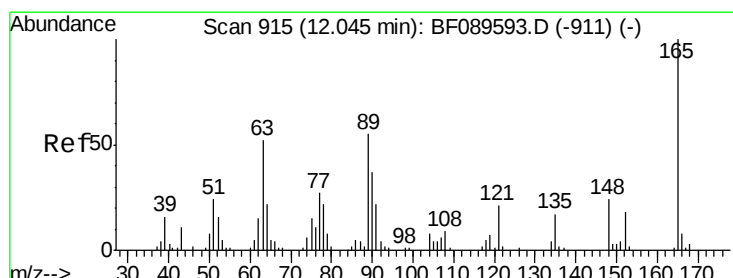
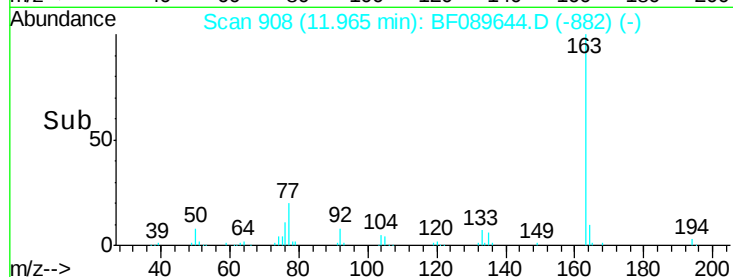
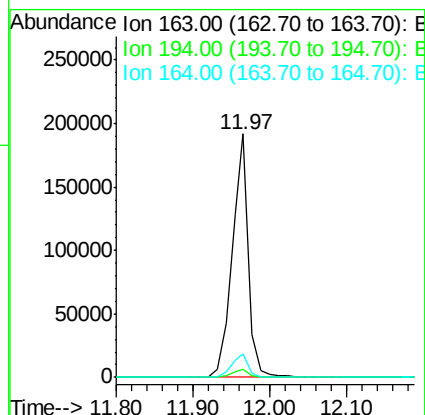
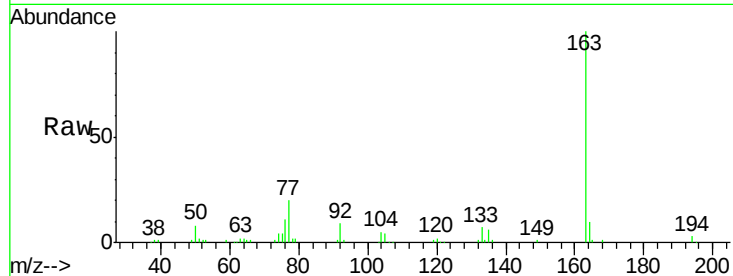
#49
Dimethylphthalate
Concen: 40.97 ng
RT: 11.97 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	284614		
194	3.4	2.7	4.1	
164	9.7	7.8	11.6	

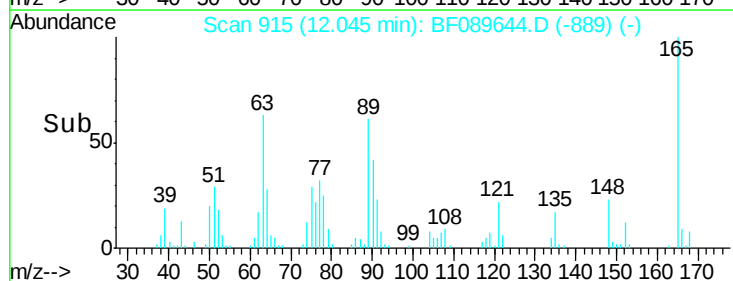
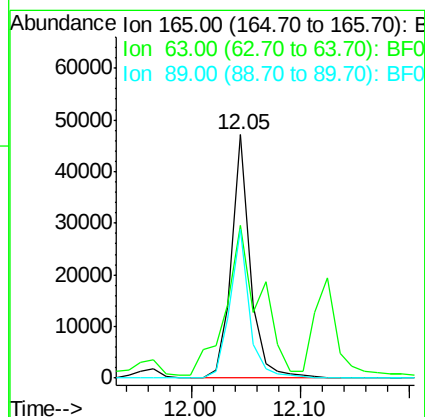
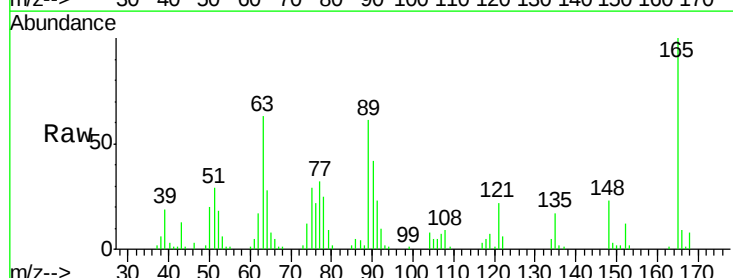
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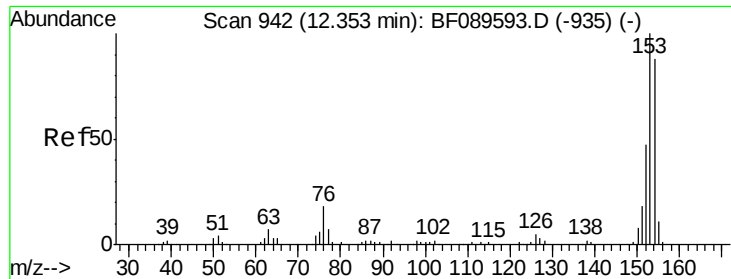
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#50
2,6-Dinitrotoluene
Concen: 40.87 ng
RT: 12.05 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	56460		
63	62.7	44.6	67.0	
89	61.0	44.2	66.2	





#51

Acenaphthene

Concen: 37.58 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

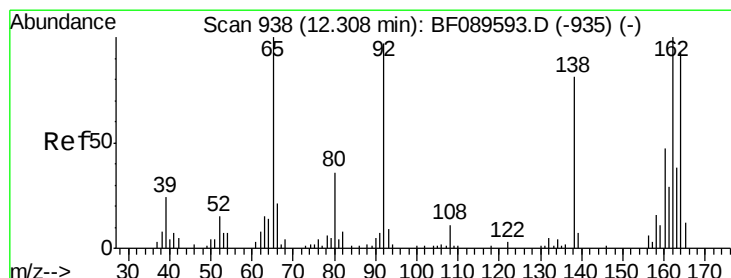
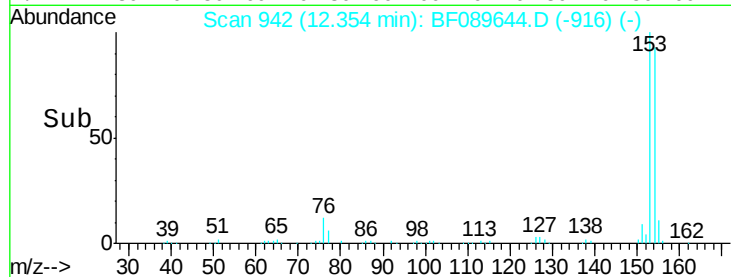
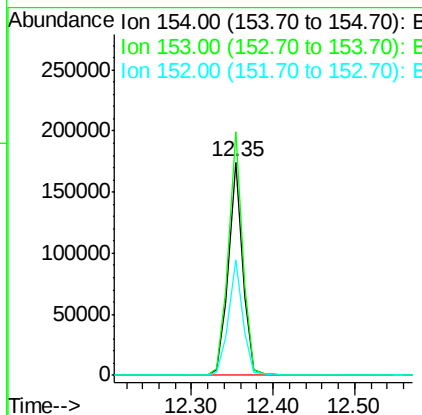
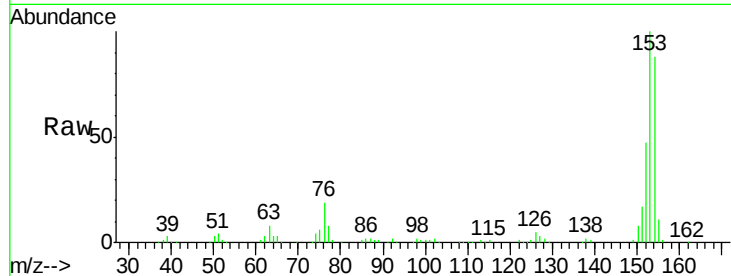
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	154	Resp:	214271
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.1	136.7
152	53.9	43.5	65.3

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#52

3-Nitroaniline

Concen: 38.81 ng

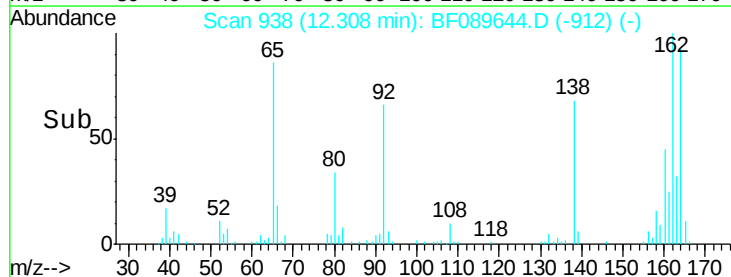
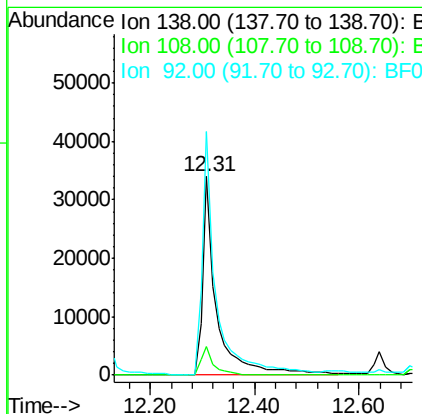
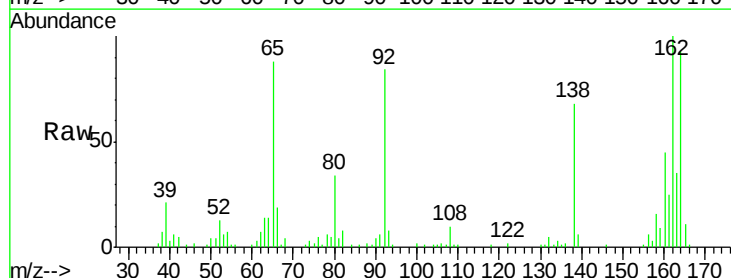
RT: 12.31 min Scan# 938

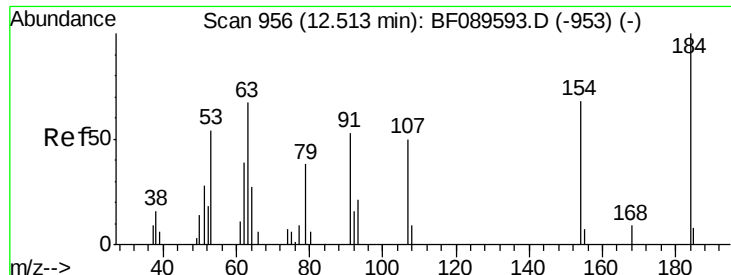
Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion:	138	Resp:	64122
Ion Ratio	Lower	Upper	
138	100		
108	14.2	10.7	16.1
92	122.5	96.6	145.0





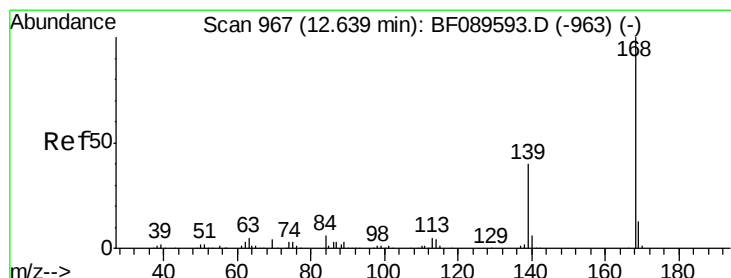
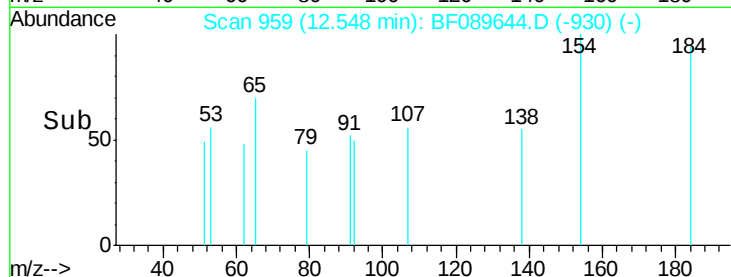
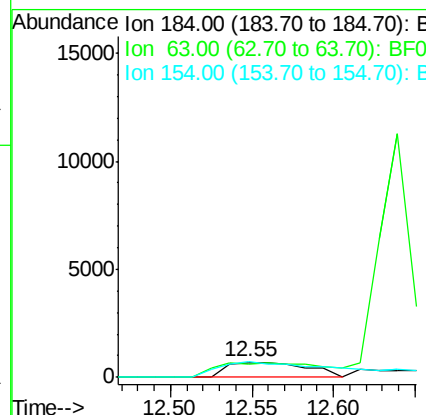
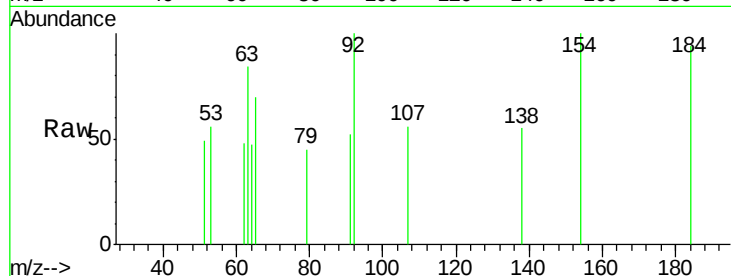
#53
2,4-Dinitrophenol
Concen: 10.11 ng
RT: 12.55 min Scan# 959
Delta R.T. 0.04 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	2322		
63	90.2	59.0	88.6#	
154	106.9	60.0	90.0#	

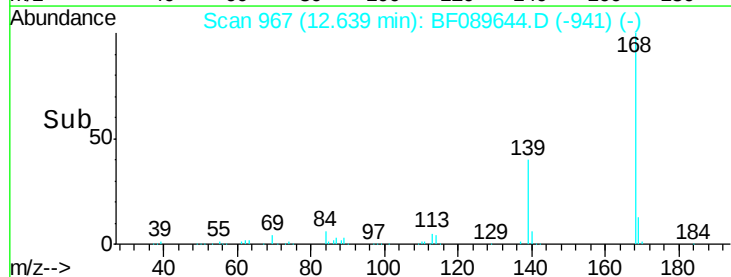
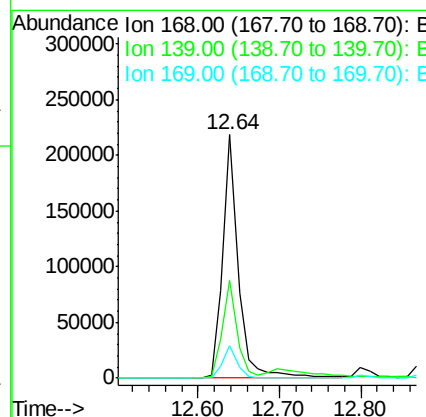
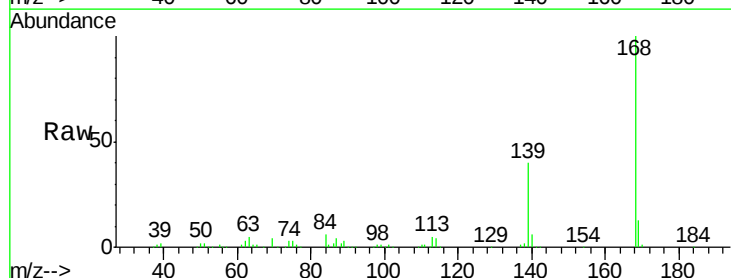
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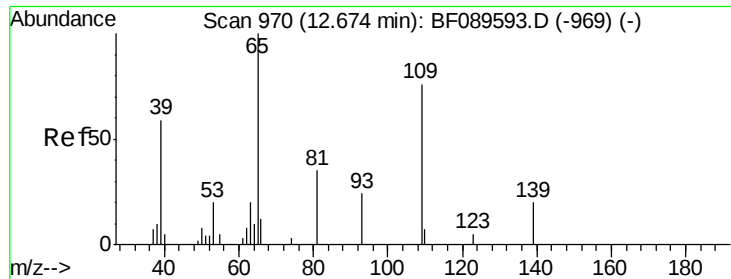
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#54
Dibenzofuran
Concen: 37.22 ng
RT: 12.64 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	291735		
139	40.2	32.3	48.5	
169	13.2	10.6	15.8	





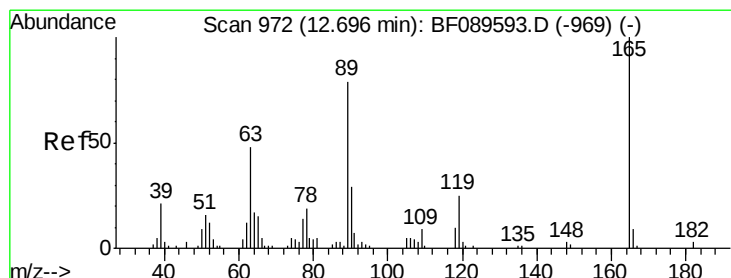
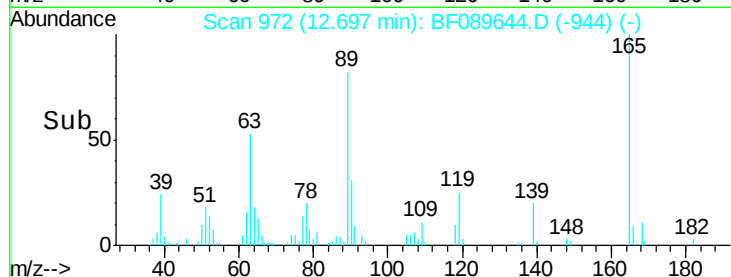
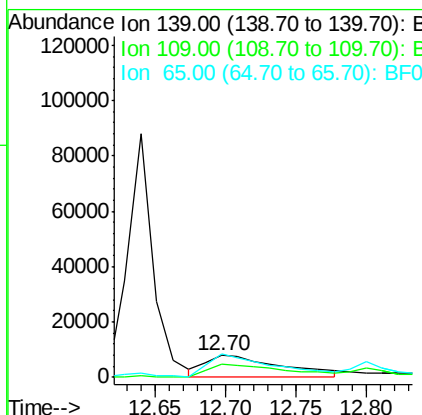
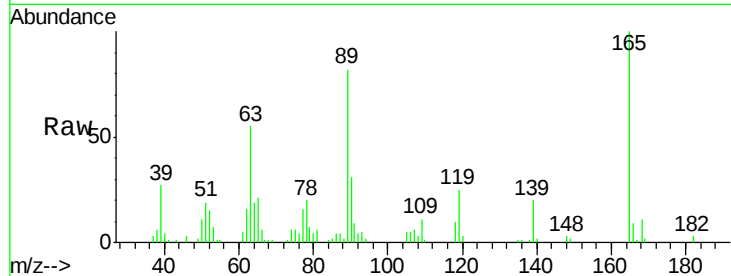
#55
4-Nitrophenol
Concen: 31.68 ng m
RT: 12.70 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	30025		
109	58.1	28.9	68.9	
65	105.8	49.2	89.2#	

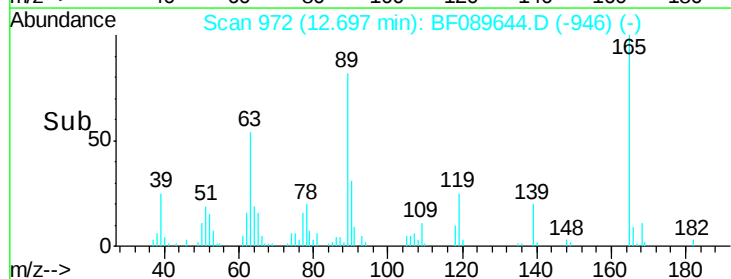
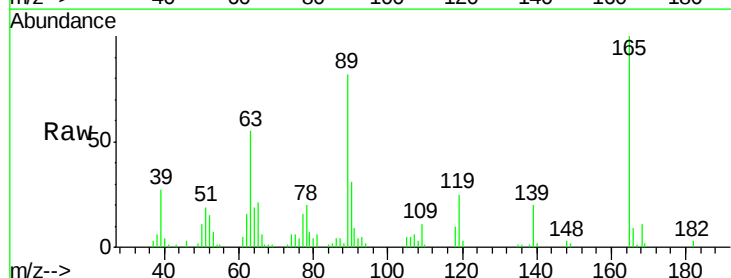
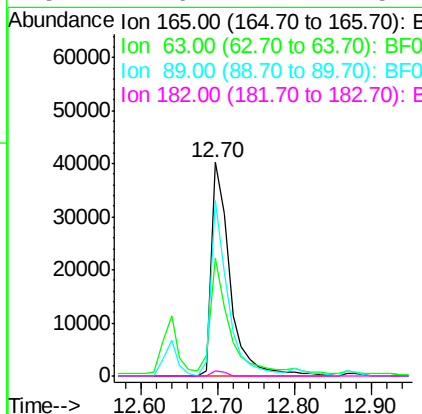
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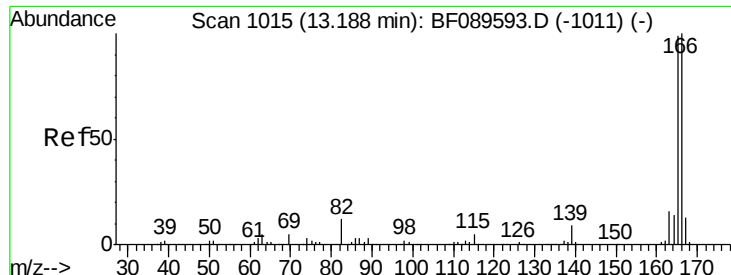
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#56
2,4-Dinitrotoluene
Concen: 35.07 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	68128		
63	55.1	42.2	63.4	
89	82.3	64.4	96.6	
182	2.6	2.1	3.1	





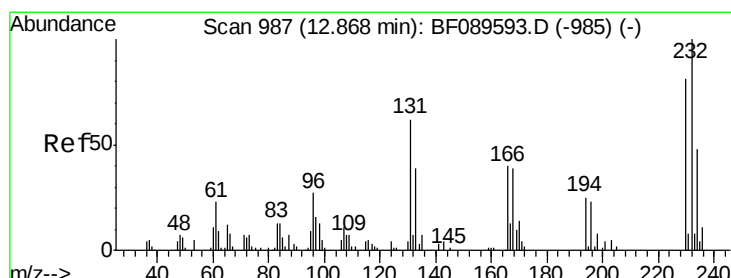
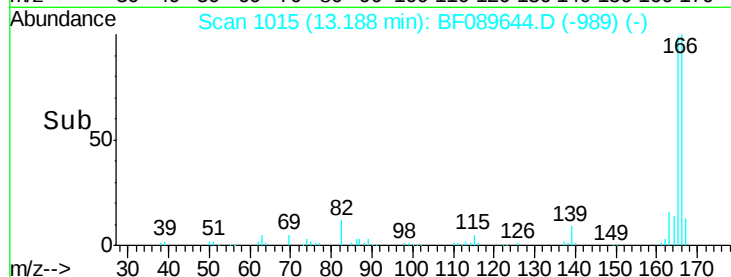
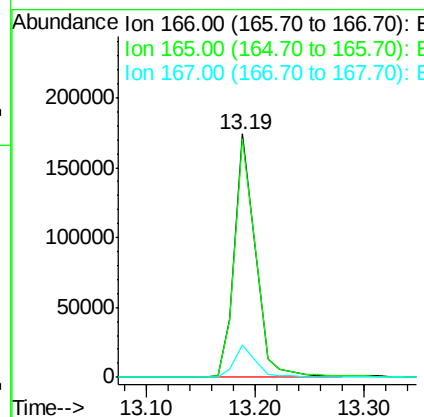
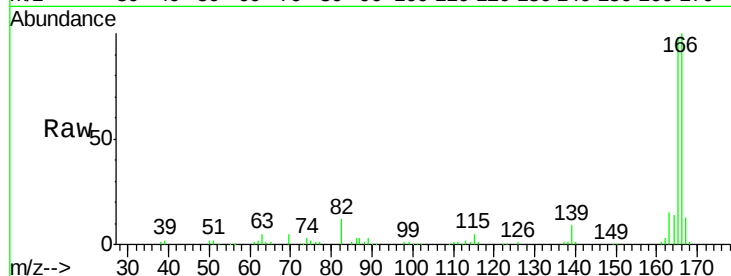
#57
Fluorene
 Concen: 34.69 ng
 RT: 13.19 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	232454		
165	98.1	78.9	118.3	
167	13.2	10.4	15.6	

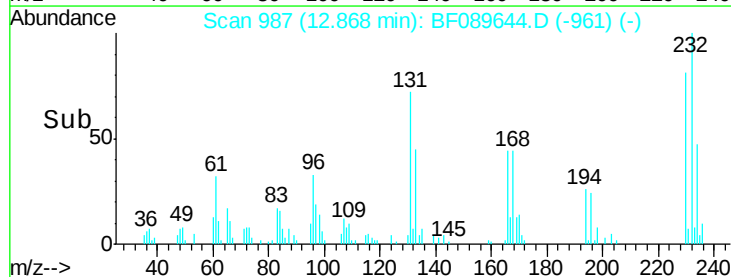
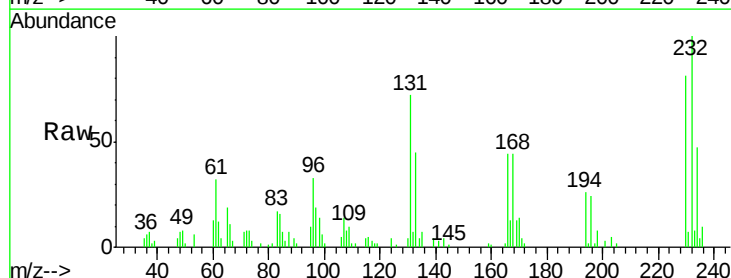
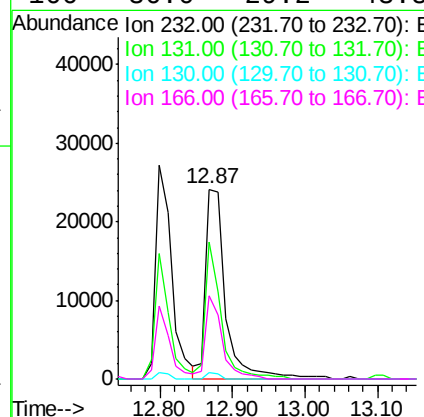
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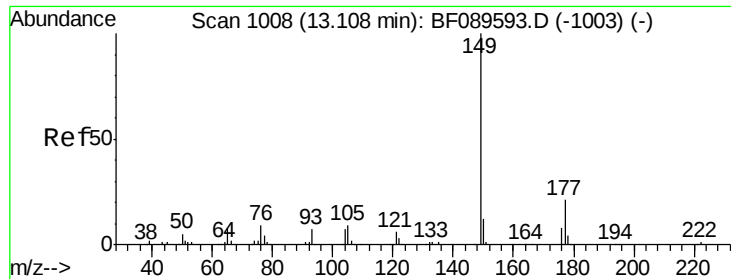
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.20 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	46927		
131	56.5	46.2	69.2	
130	2.2	1.7	2.5	
166	36.0	29.2	43.8	





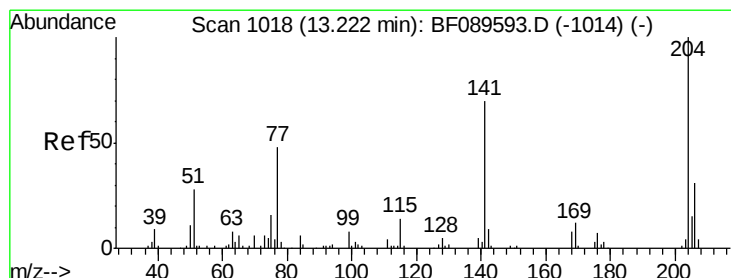
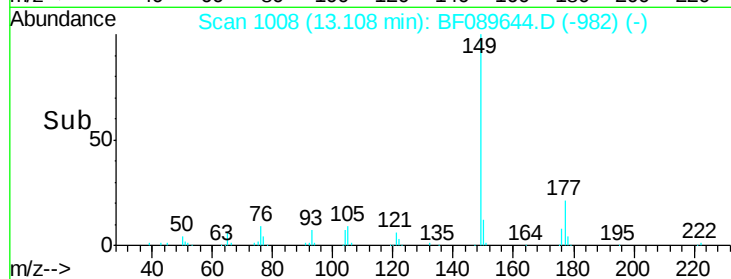
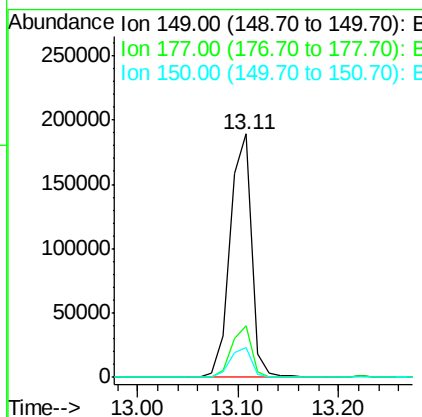
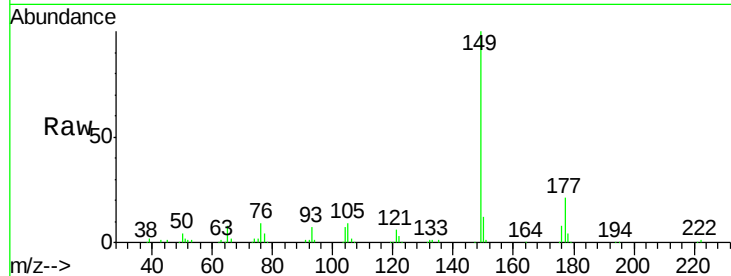
#59
Diethylphthalate
Concen: 38.97 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	279986		
177	21.3	16.8	25.2	
150	12.1	9.6	14.4	

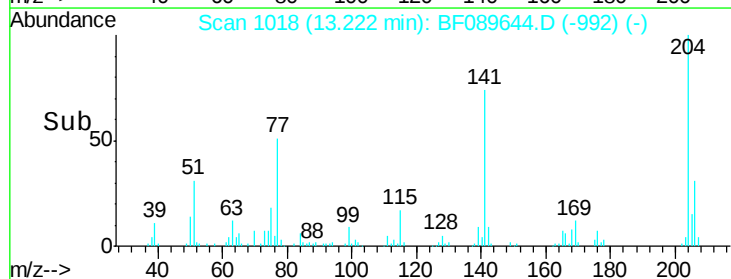
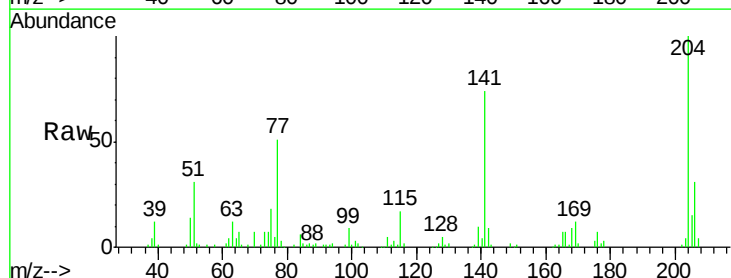
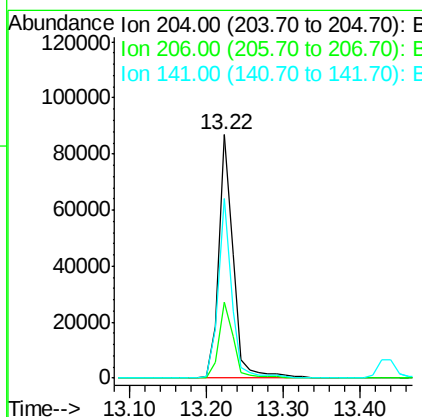
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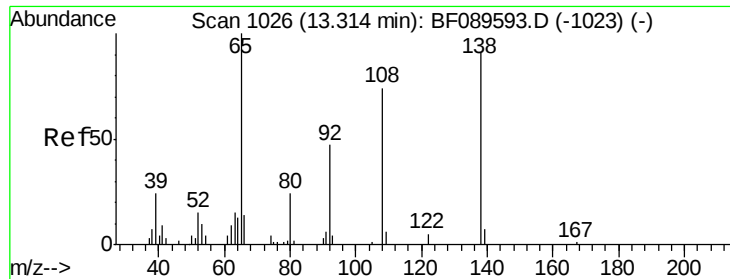
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#60
4-Chlorophenyl-phenylether
Concen: 37.21 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	114337		
206	31.4	25.0	37.4	
141	73.6	56.2	84.4	





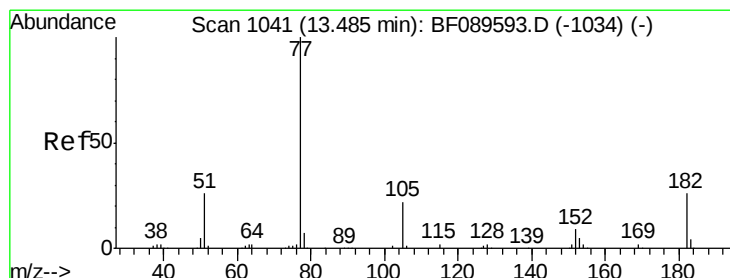
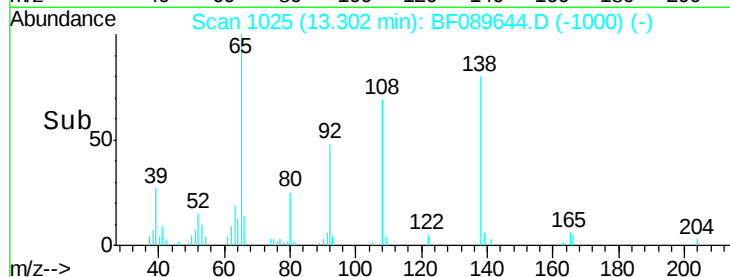
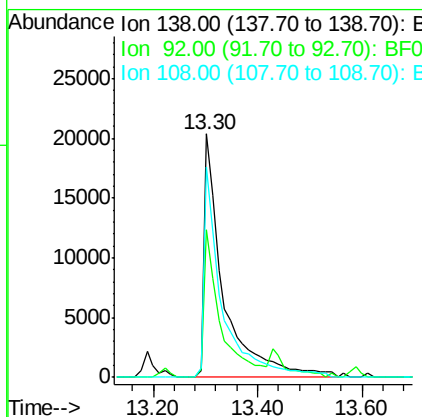
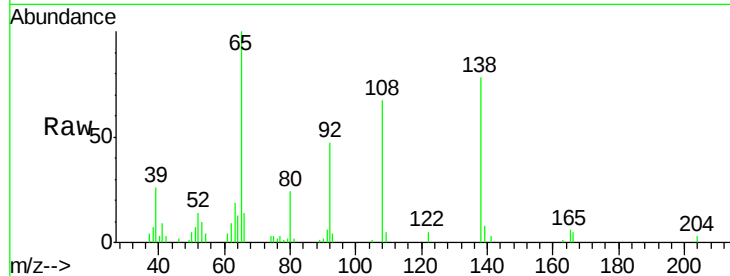
#61
4-Nitroaniline
Concen: 35.47 ng
RT: 13.30 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.7	31.6	71.6
108	86.2	61.5	101.5

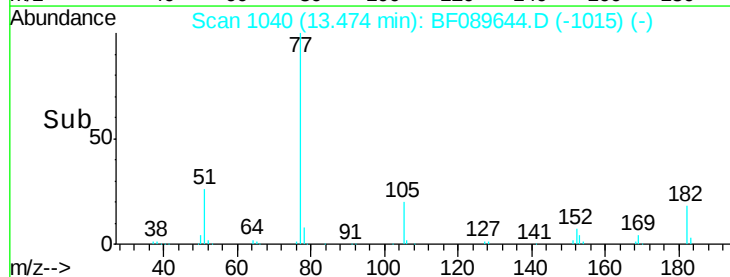
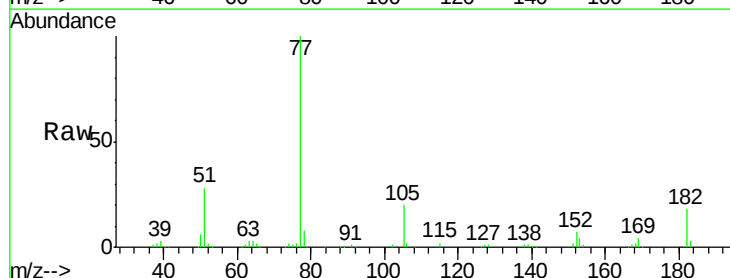
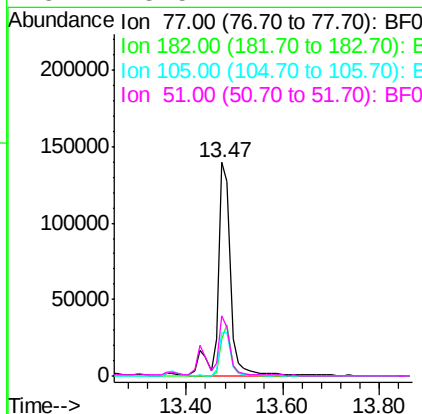
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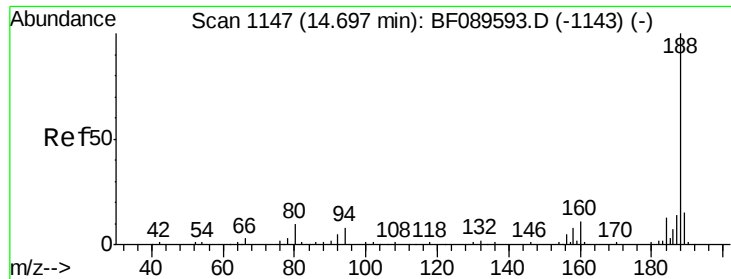
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#62
Azobenzene
Concen: 36.80 ng
RT: 13.47 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.6	5.8	45.8
105	20.3	2.9	42.9
51	28.5	7.2	47.2





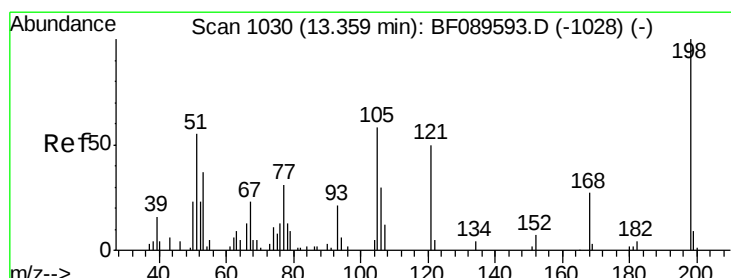
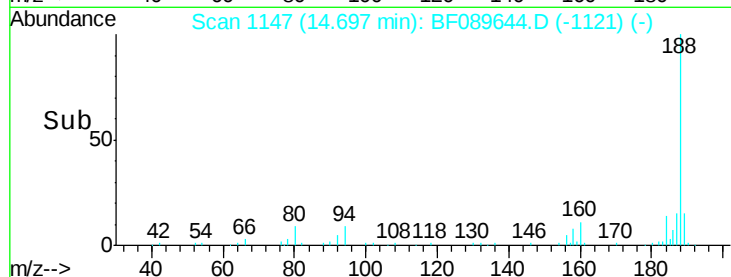
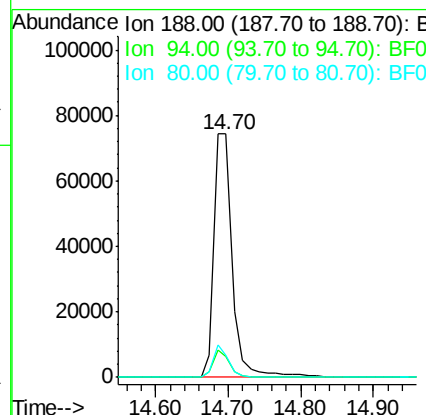
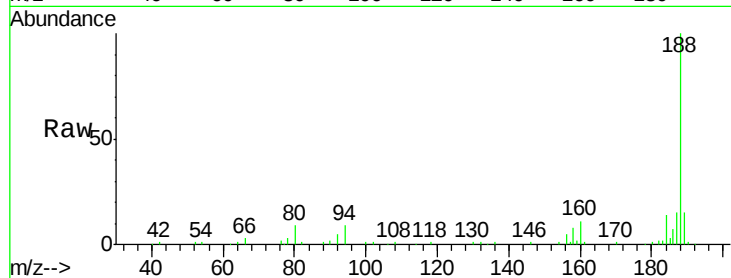
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	131438		
94	8.5	6.5	9.7	
80	9.2	8.0	12.0	

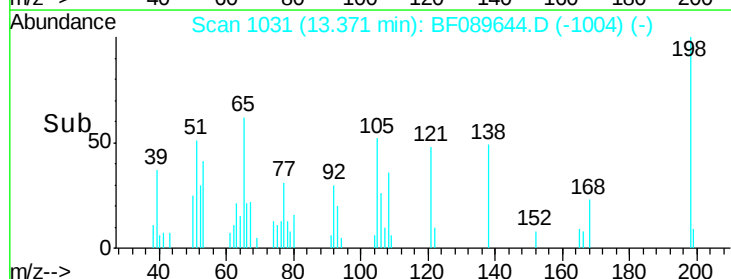
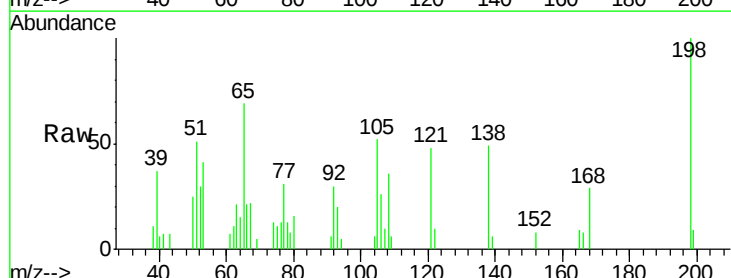
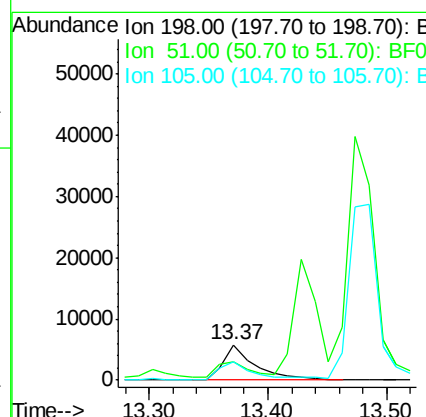
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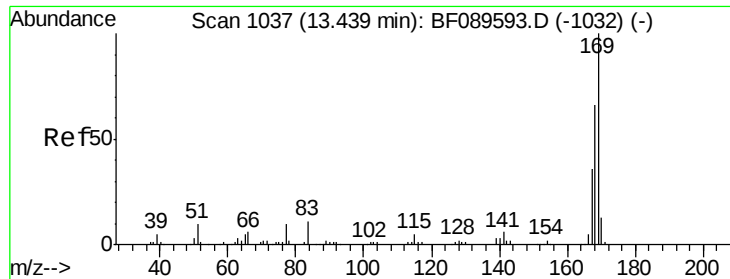
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#64
4,6-Dinitro-2-methylphenol
Concen: 17.09 ng
RT: 13.37 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	10625		
51	51.3	38.9	78.9	
105	52.0	38.1	78.1	





#65

n-Nitrosodiphenylamine

Concen: 46.56 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:169 Resp: 206702
Ion Ratio Lower Upper

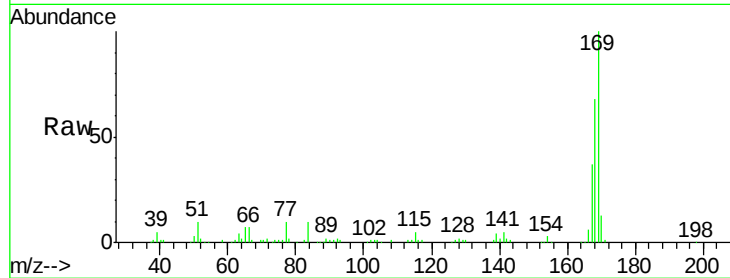
169 100

168 67.5 54.2 81.2

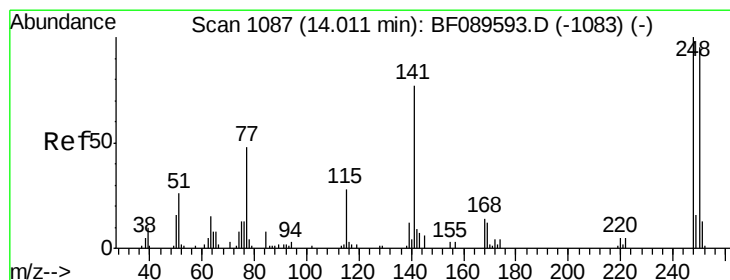
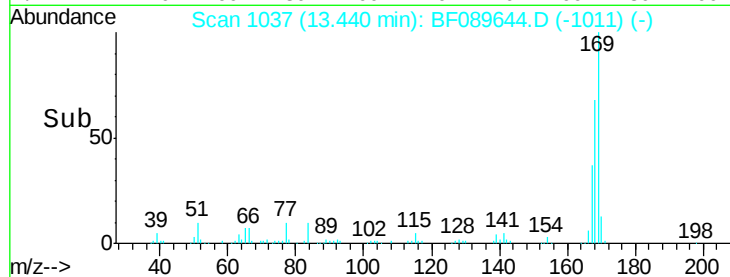
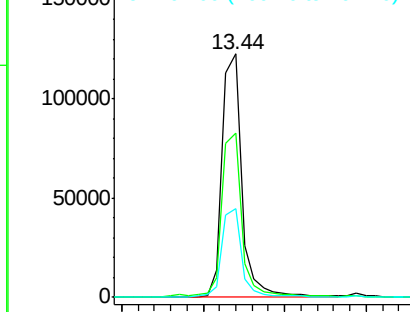
167 36.6 28.9 43.3

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



#66

4-Bromophenyl-phenylether

Concen: 45.28 ng

RT: 14.01 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BF089644.D

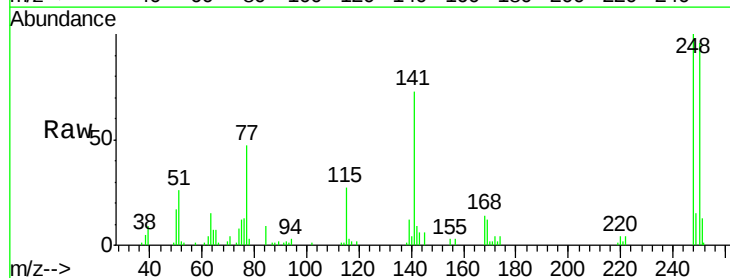
Acq: 5 Aug 2016 22:48

Tgt Ion:248 Resp: 57567
Ion Ratio Lower Upper

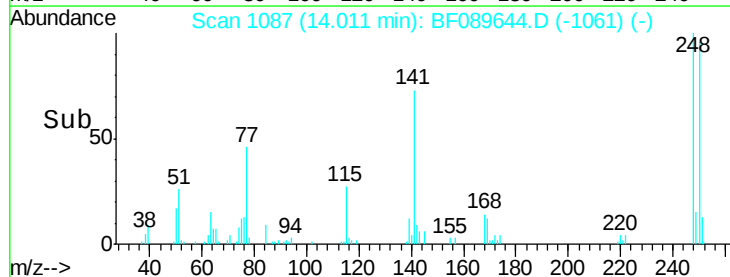
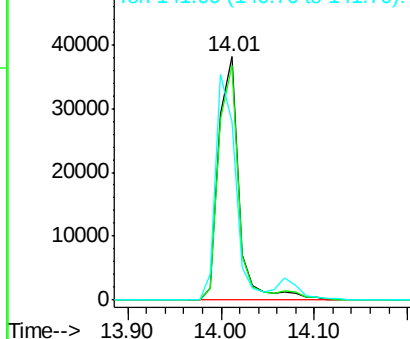
248 100

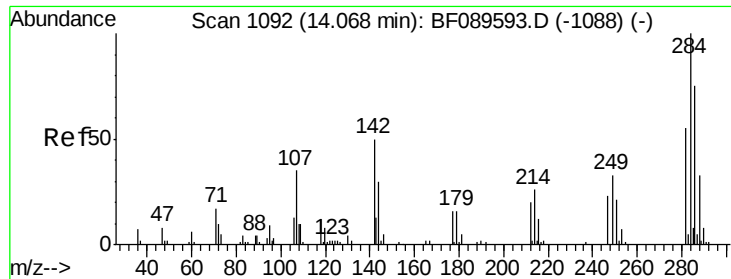
250 96.5 76.2 114.2

141 73.0 61.3 91.9



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





#67

Hexachlorobenzene

Concen: 39.94 ng

RT: 14.08 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

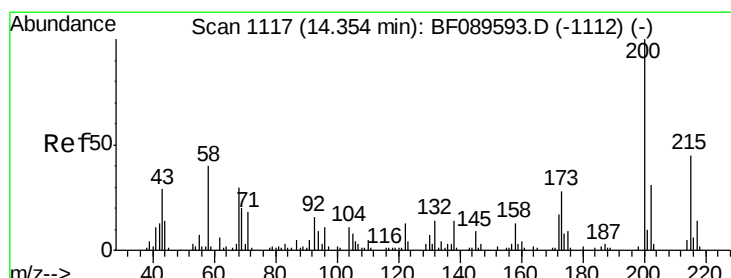
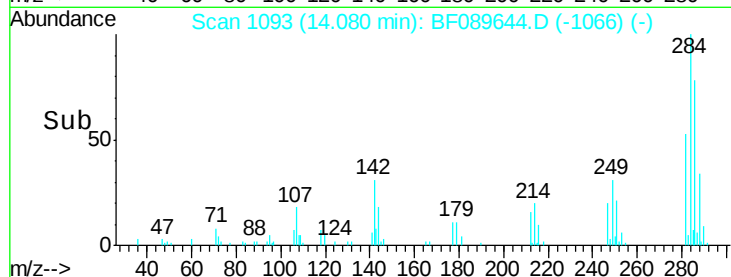
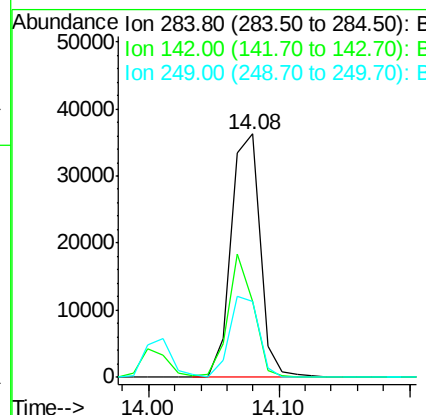
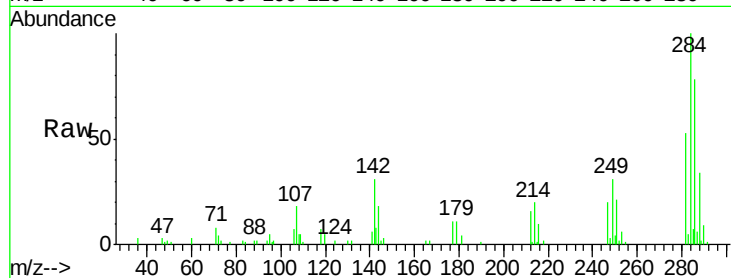
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	55857		
142	31.2	41.4	62.0	
249	31.0	28.6	43.0	

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#68

Atrazine

Concen: 46.80 ng

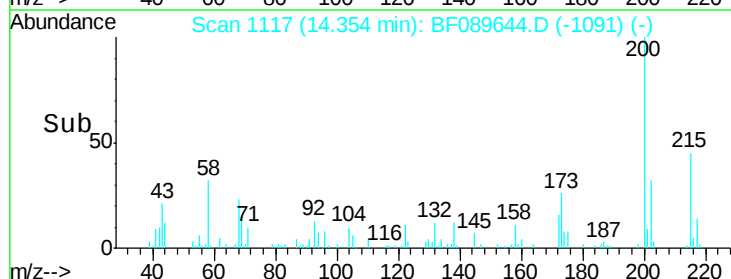
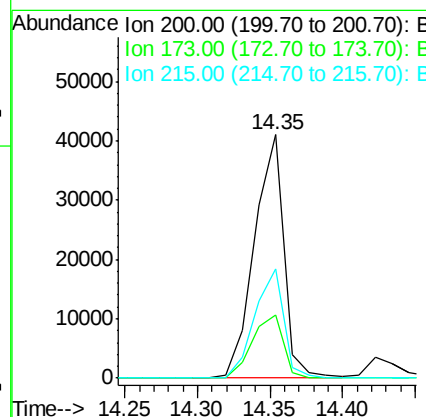
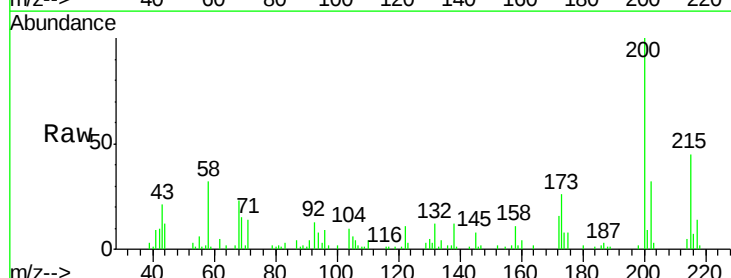
RT: 14.35 min Scan# 1117

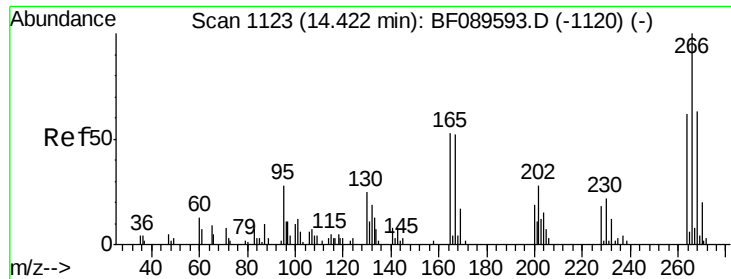
Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	58005		
173	26.0	8.2	48.2	
215	44.9	24.9	64.9	





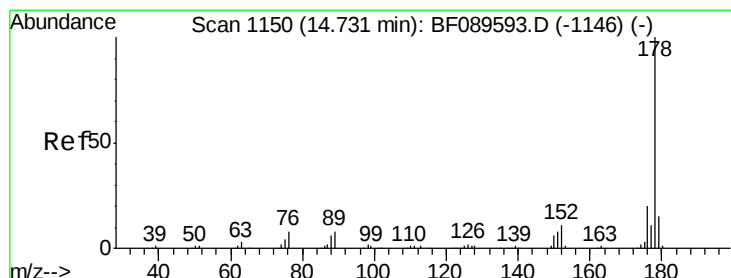
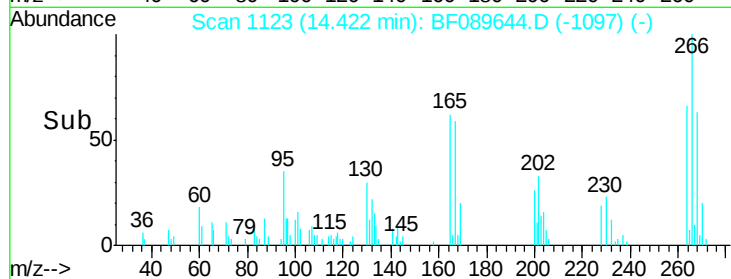
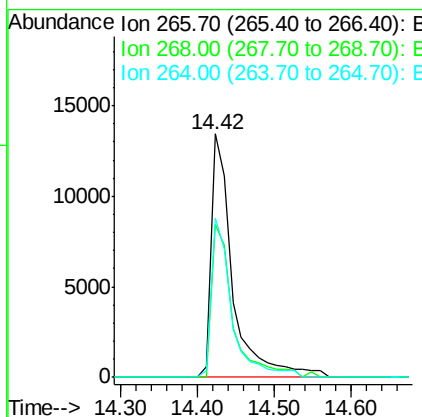
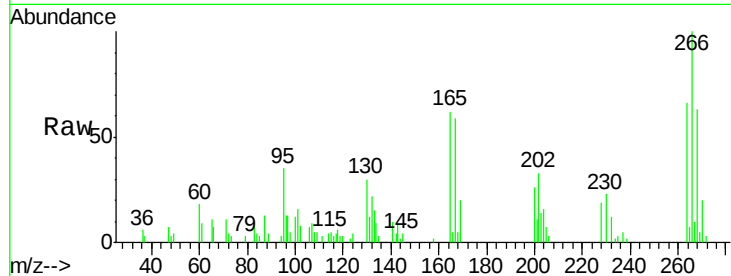
#69
 Pentachlorophenol
 Concen: 45.22 ng
 RT: 14.42 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	50.6	75.8
264	65.5	49.5	74.3

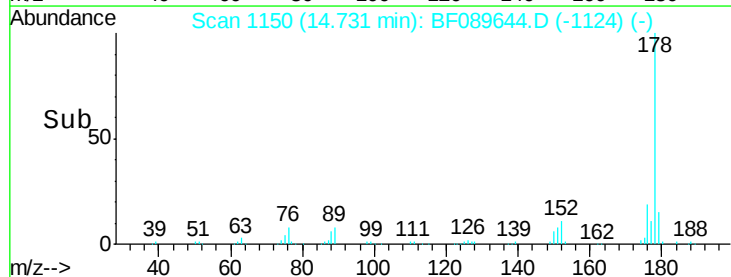
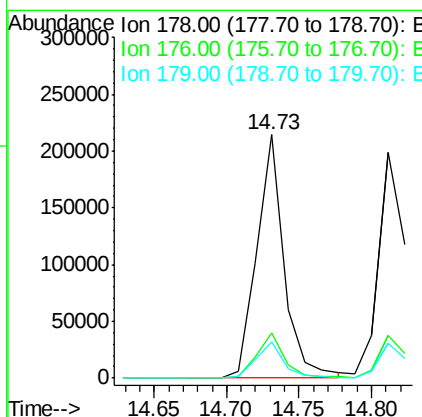
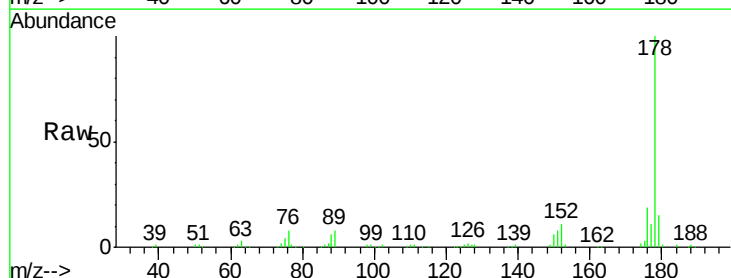
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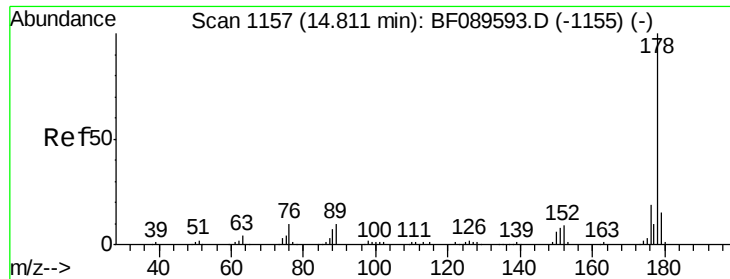
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#70
 Phenanthrene
 Concen: 39.00 ng
 RT: 14.73 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.0	12.2	18.2





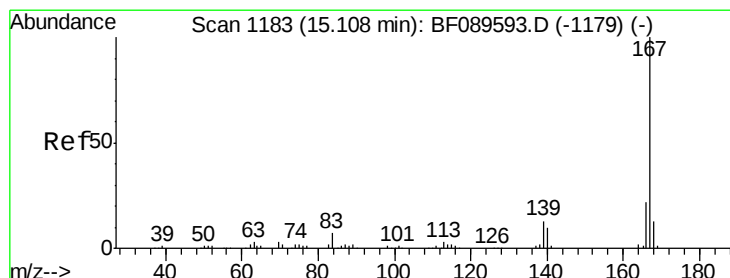
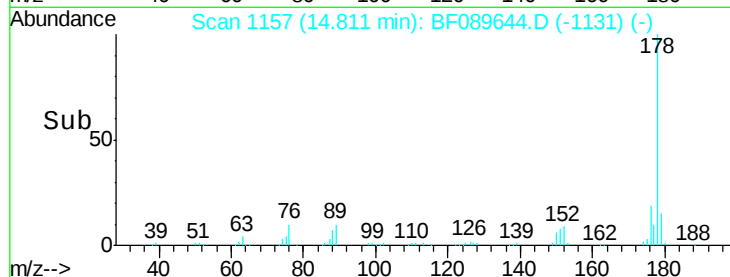
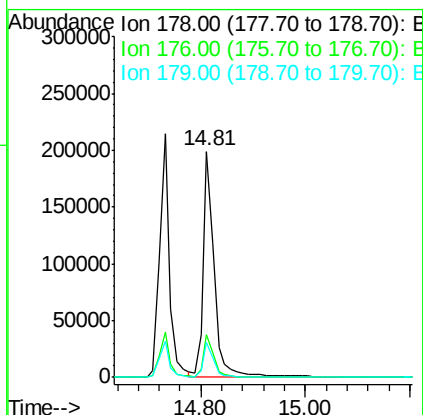
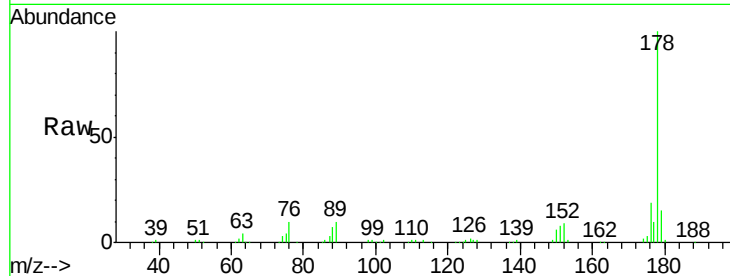
#71
 Anthracene
 Concen: 37.98 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.4	18.6

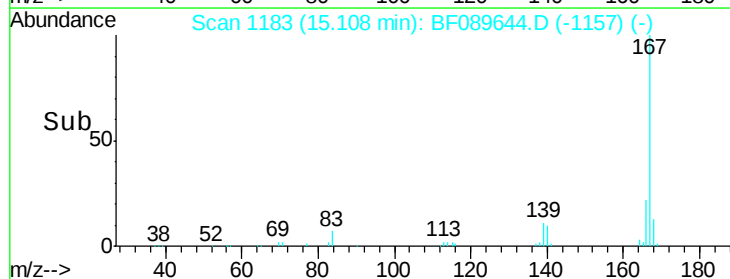
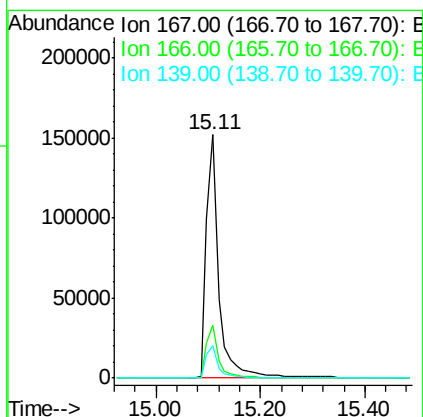
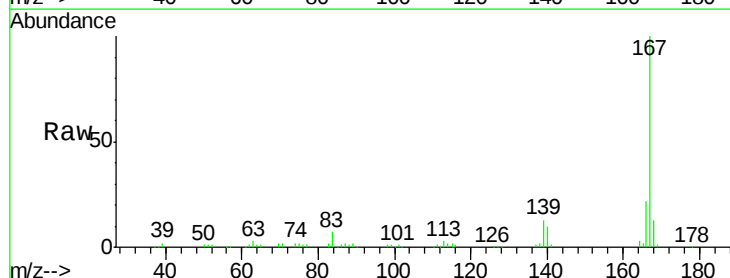
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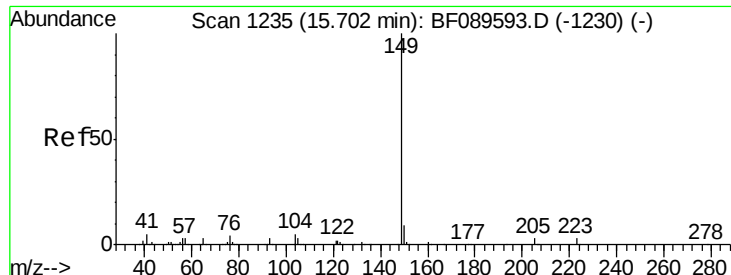
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#72
 Carbazole
 Concen: 39.71 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	13.1	10.4	15.6





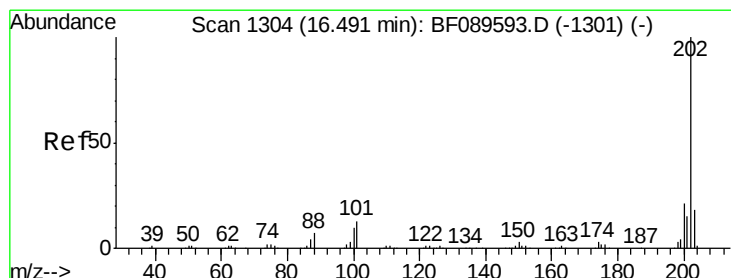
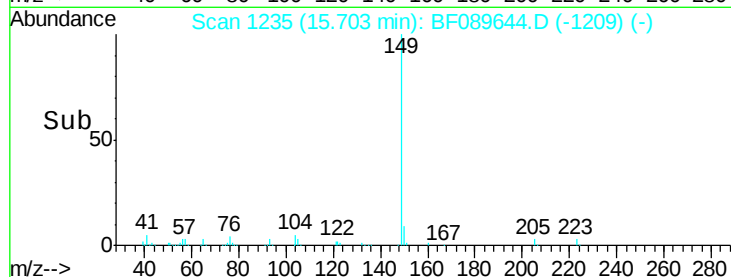
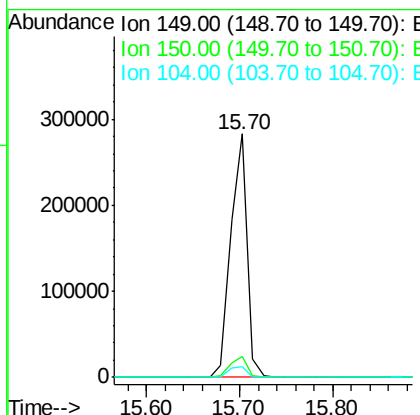
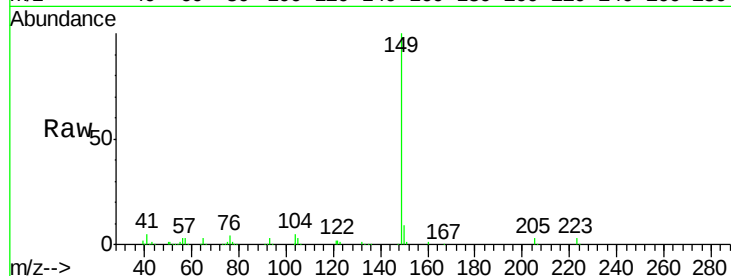
#73
Di-n-butylphthalate
Concen: 40.42 ng
RT: 15.70 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	349085		
150	8.8		7.2	10.8
104	4.6		3.8	5.8

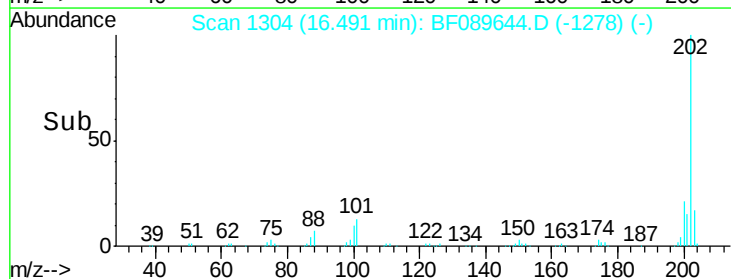
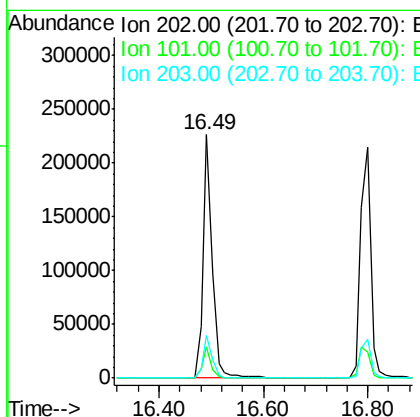
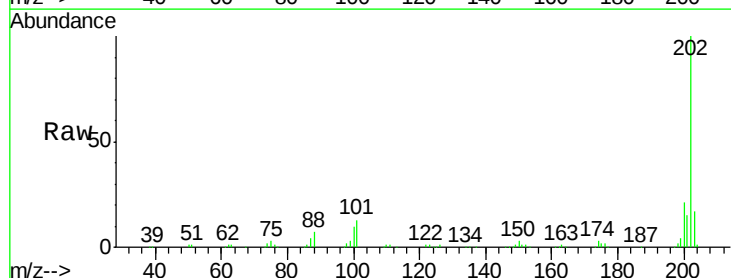
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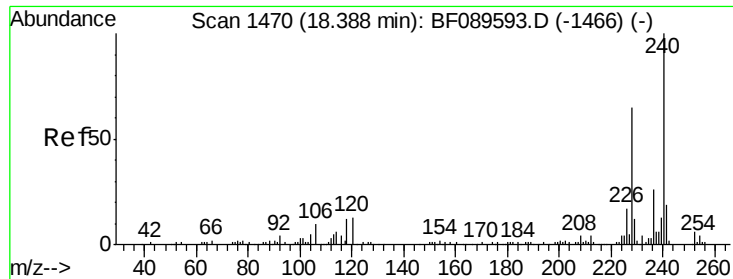
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#74
Fluoranthene
Concen: 38.08 ng
RT: 16.49 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	279754		
101	13.1		0.0	32.7
203	17.4		0.0	37.8





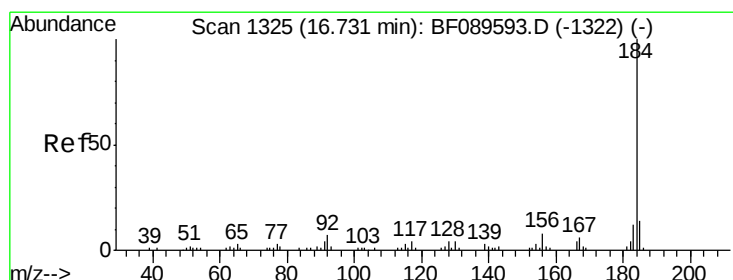
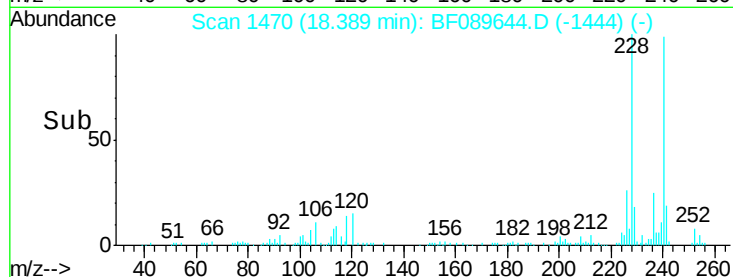
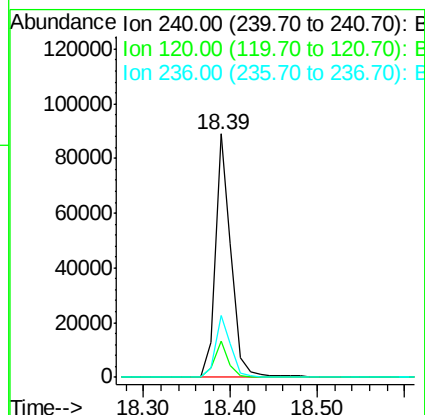
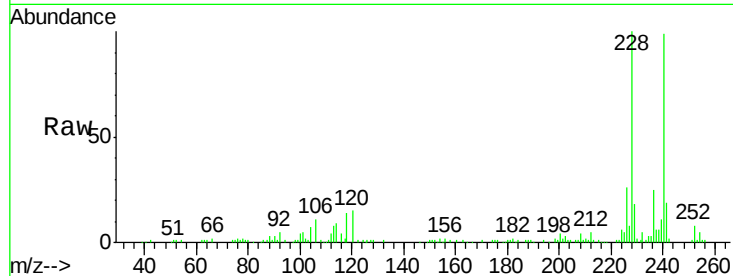
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	112075		
120	14.8	10.6	15.8	
236	25.2	20.6	30.8	

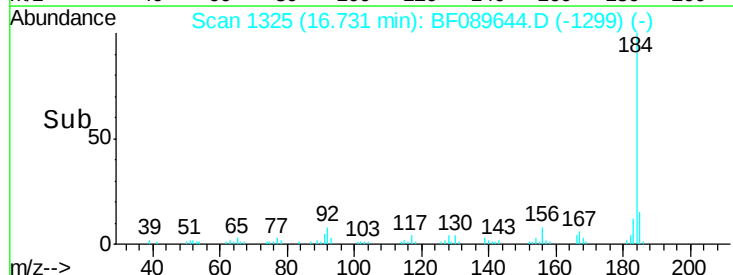
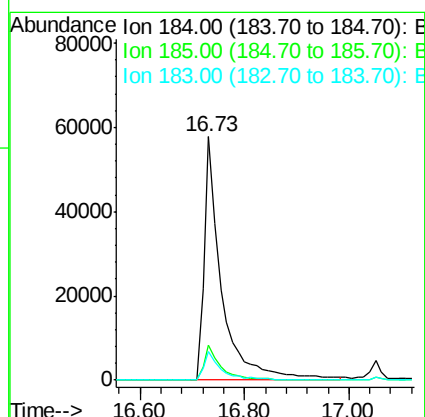
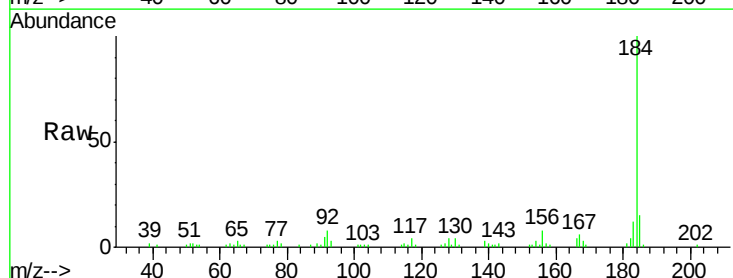
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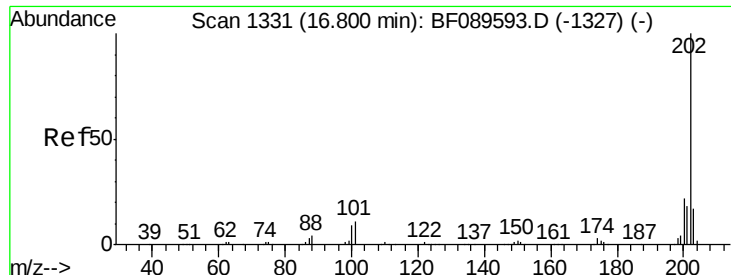
umangi
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#76
Benzidine
Concen: 39.77 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	135104		
185	14.5	11.5	17.3	
183	11.9	9.8	14.8	





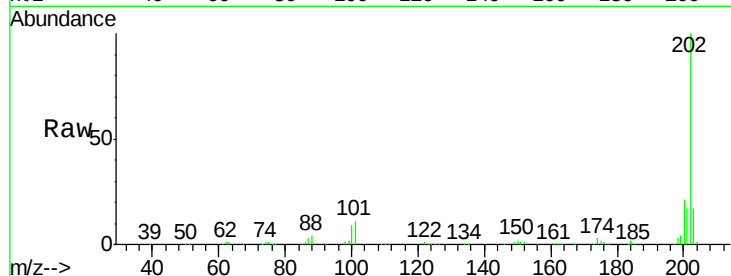
#77
 Pyrene
 Concen: 29.97 ng
 RT: 16.80 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

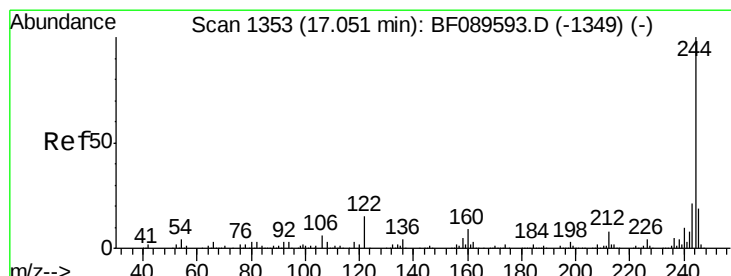
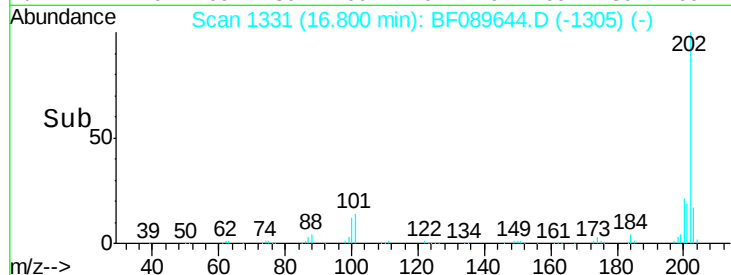
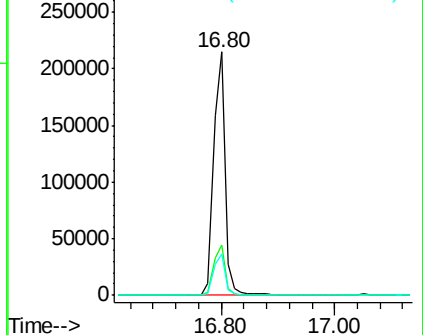
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	296973		
200	20.9		17.4	26.0
203	16.9		13.6	20.4

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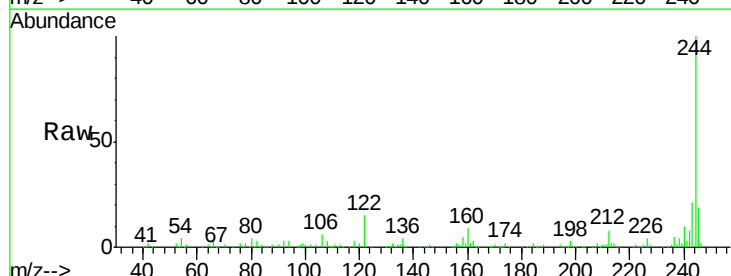


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

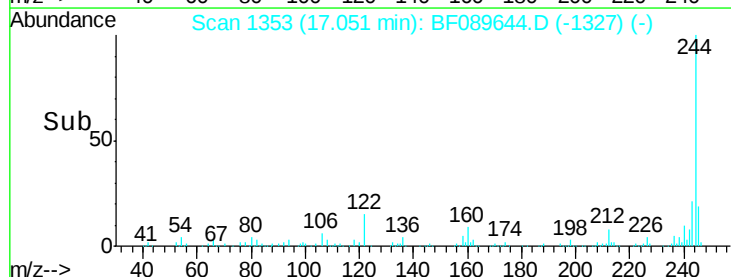
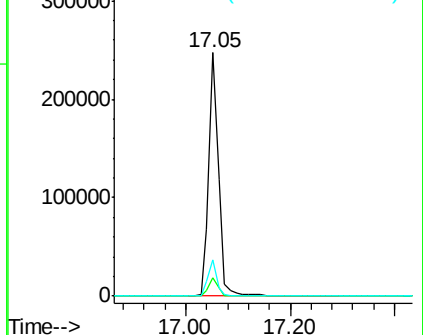


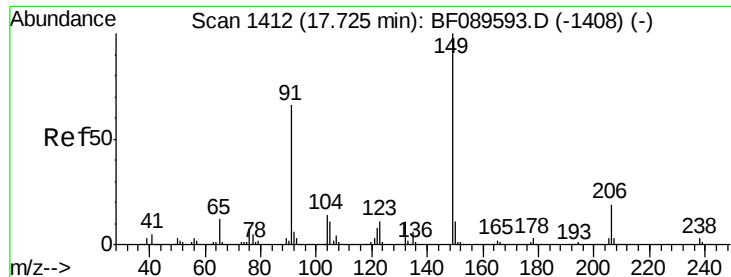
#78
 Terphenyl-d14
 Concen: 56.46 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	320511		
212	7.8		6.4	9.6
122	15.1		12.2	18.2



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: 32.90 ng

RT: 17.73 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

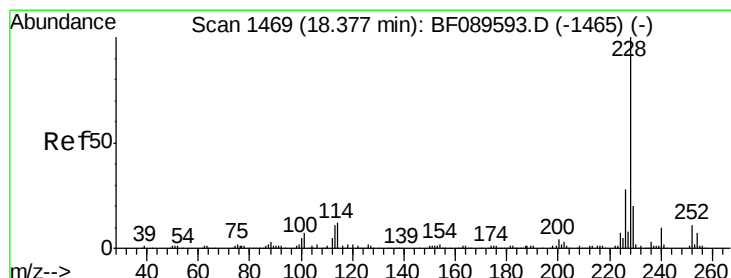
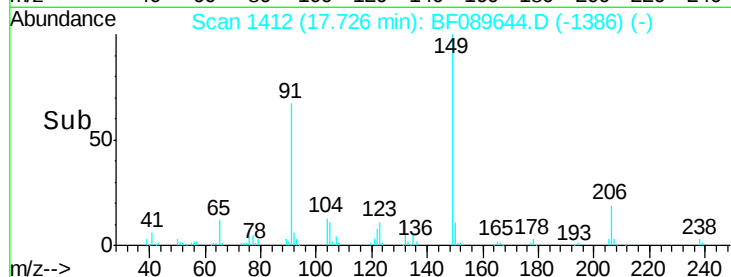
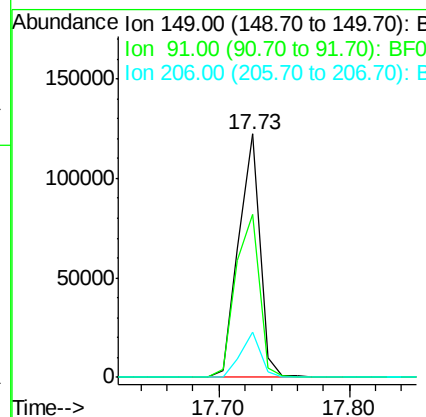
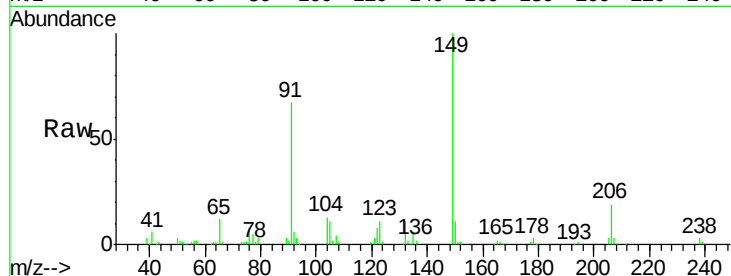
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	138709
Ion Ratio	Lower	Upper	
149	100		
91	67.1	52.6	78.8
206	18.5	15.4	23.0

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#80

Benzo(a)anthracene

Concen: 38.58 ng

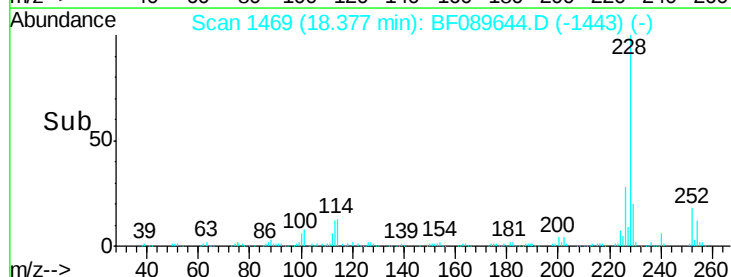
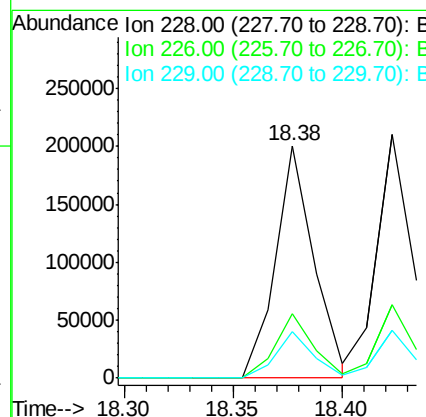
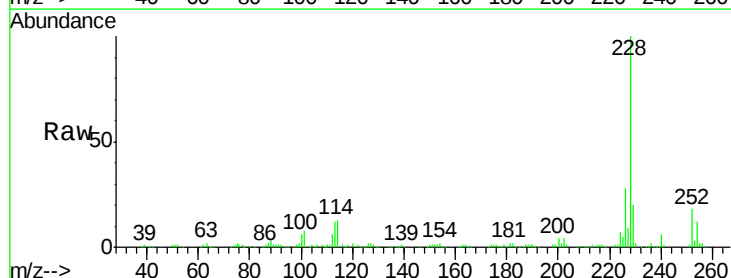
RT: 18.38 min Scan# 1469

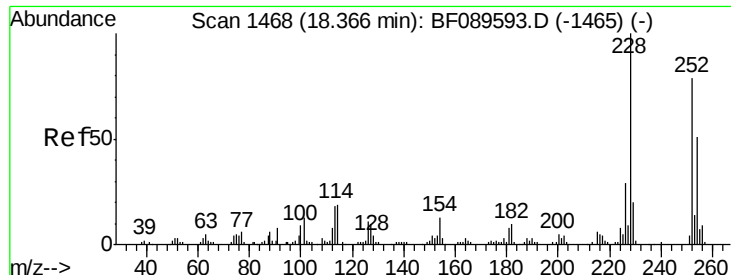
Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion:	228	Resp:	248431
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.3	33.5
229	20.1	15.9	23.9





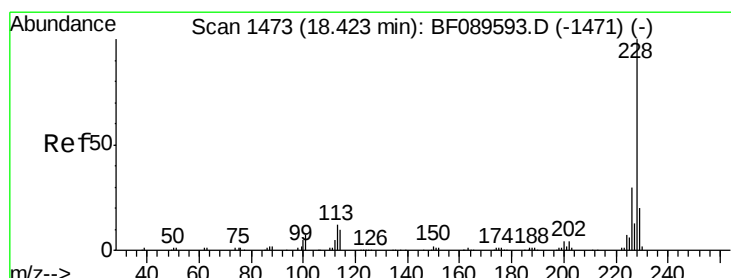
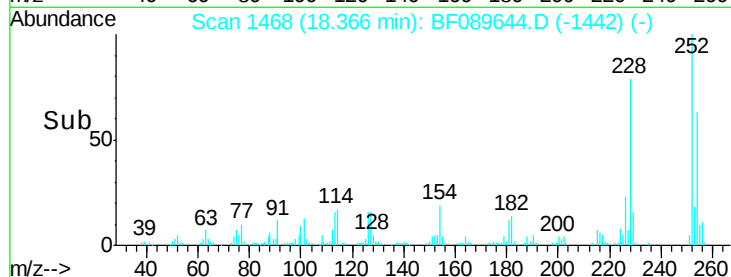
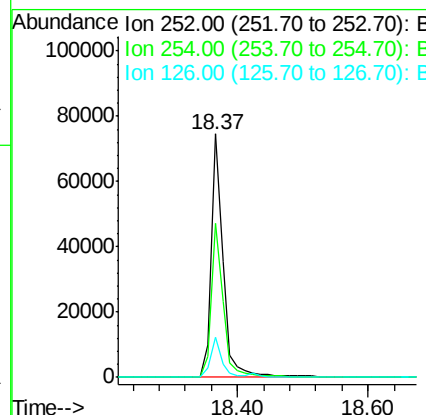
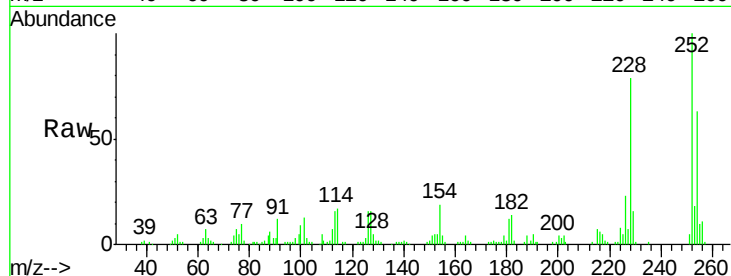
#81
 3,3'-Dichlorobenzidine
 Concen: 46.67 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.7	77.5
126	16.4	11.0	16.4

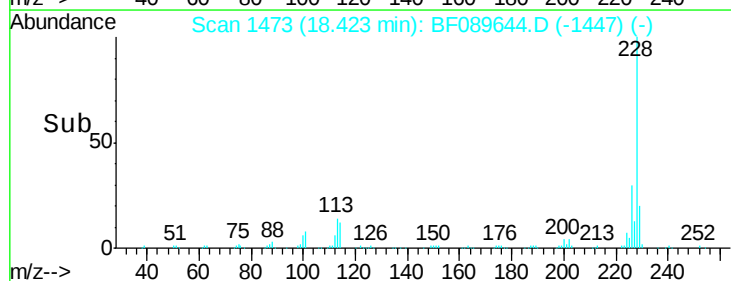
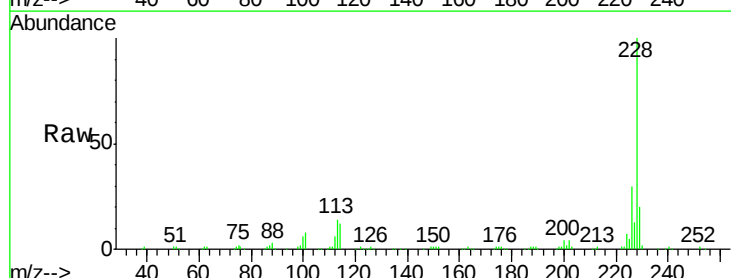
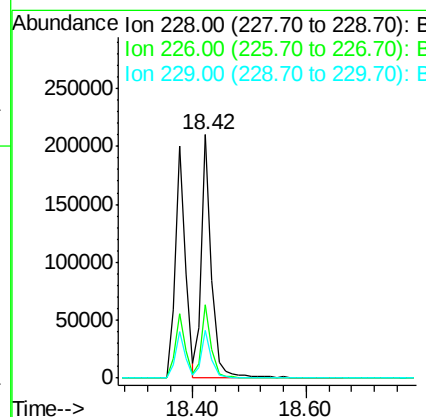
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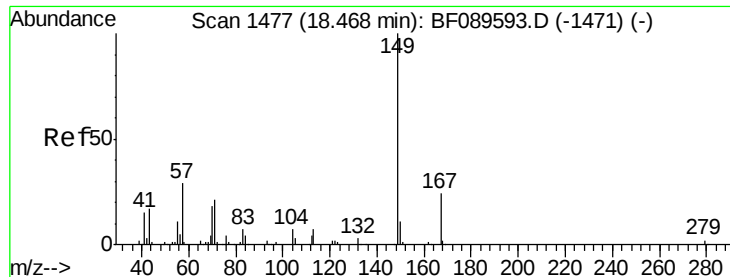
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#82
 Chrysene
 Concen: 38.03 ng
 RT: 18.42 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.6	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.91 ng

RT: 18.47 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

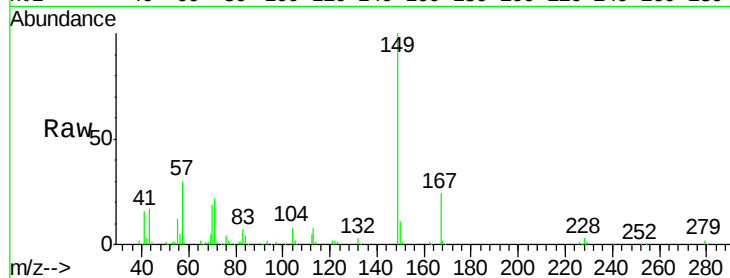
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	197985
Ion Ratio		Lower	Upper
149	100		
167	23.5	19.0	28.4
279	2.1	1.8	2.6

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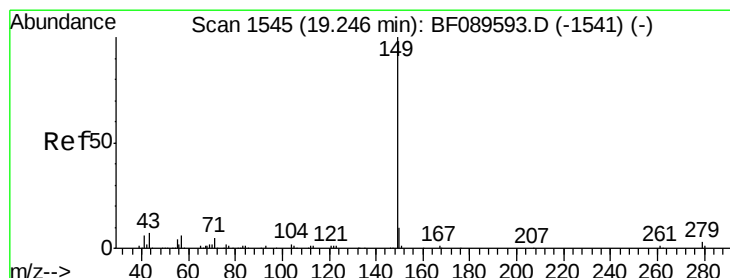
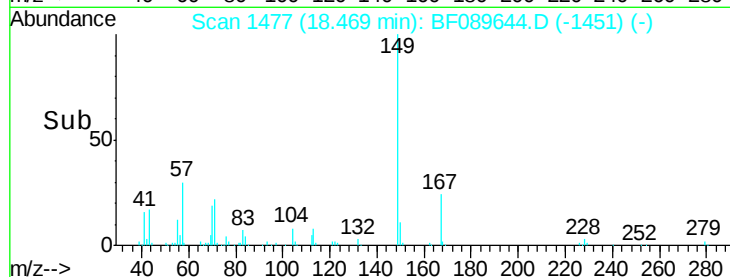
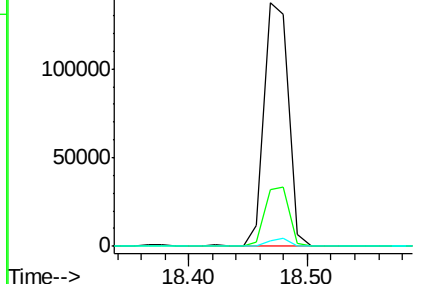
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.03 ng

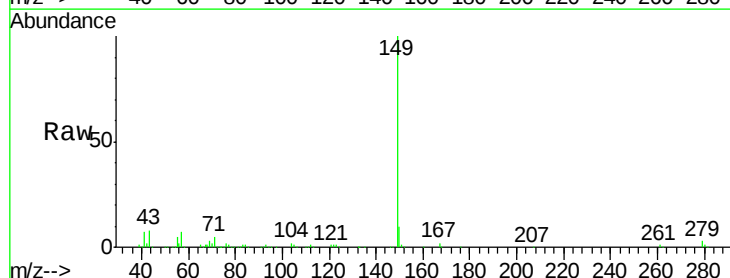
RT: 19.25 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

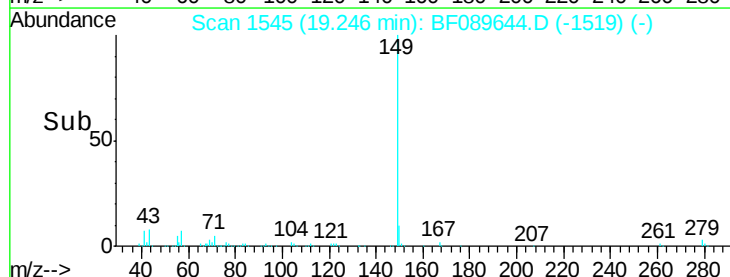
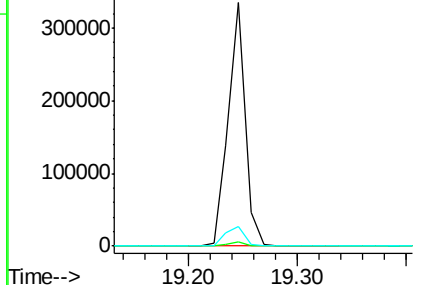
Tgt Ion:	149	Resp:	361486
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.9	7.0	10.4

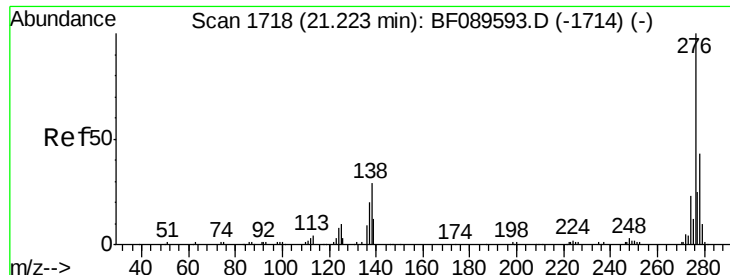


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





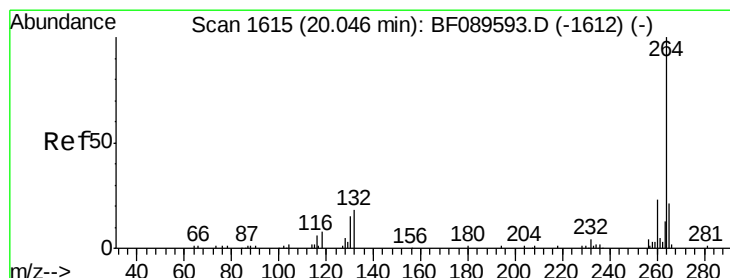
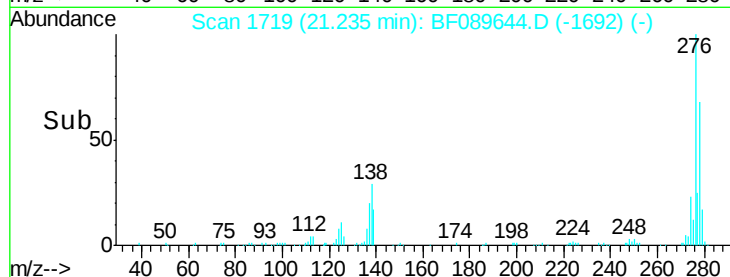
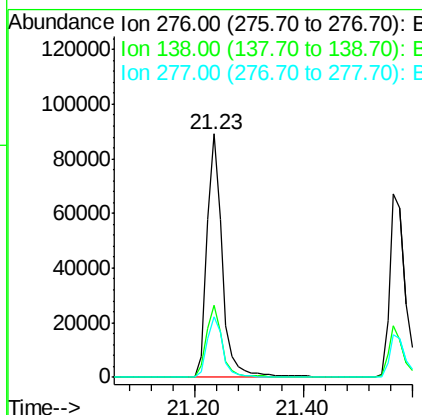
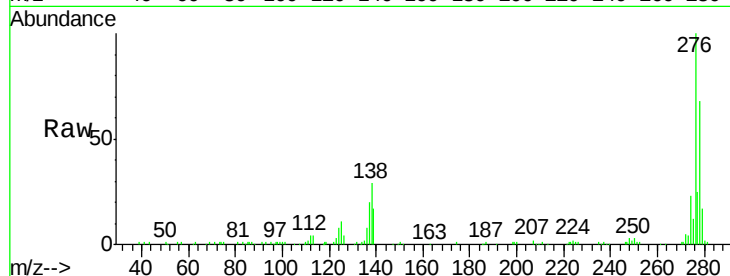
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.20 ng
 RT: 21.23 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.4	23.8	35.8
277	25.7	20.3	30.5

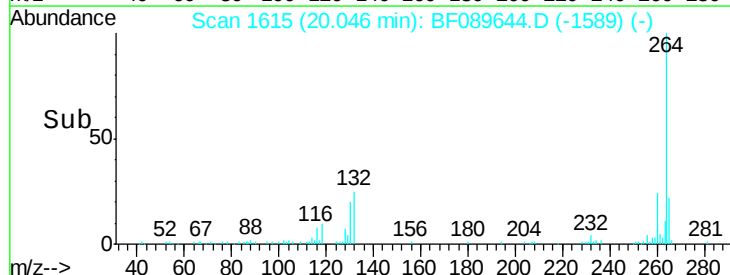
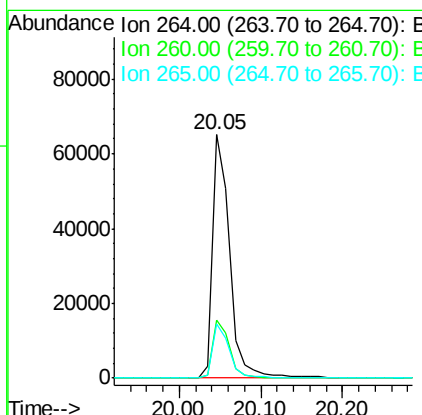
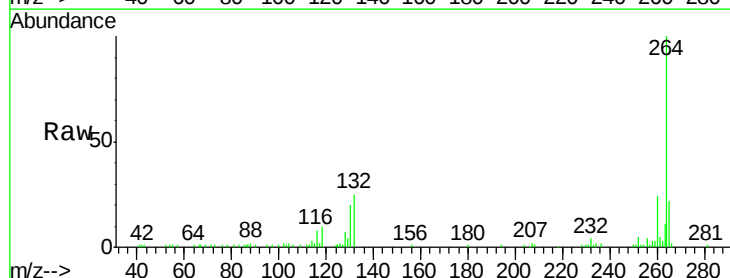
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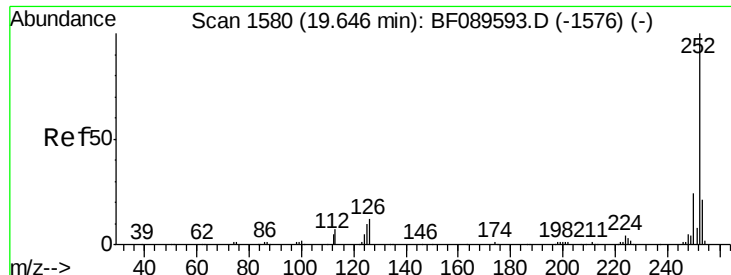
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.05 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.0	16.5	24.7





#87

Benzo(b)fluoranthene

Concen: 37.43 ng

RT: 19.65 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Instrument :

BNA_F

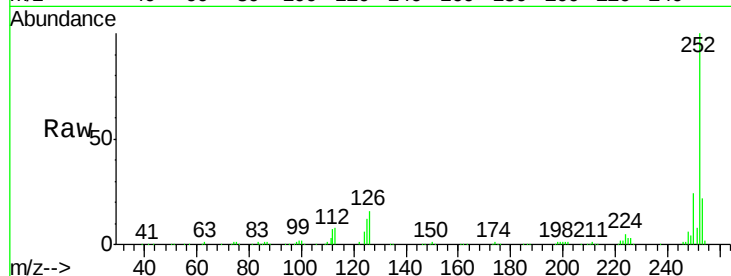
ClientSampleId :

SSTDCCC040EC

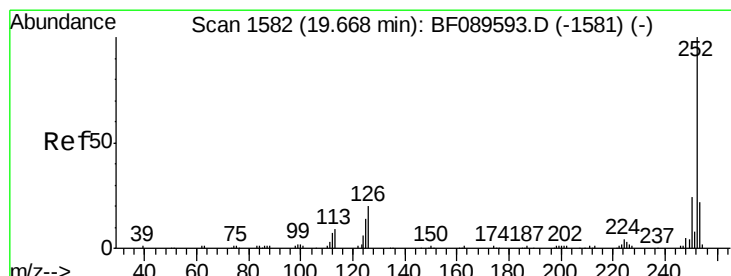
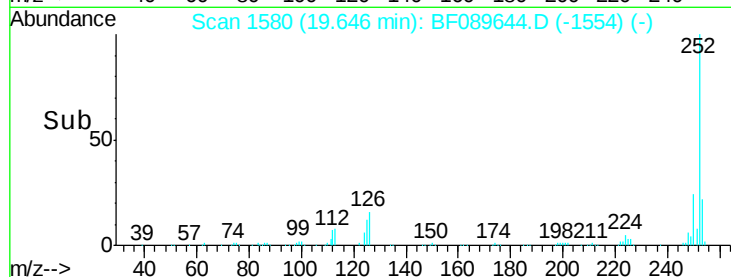
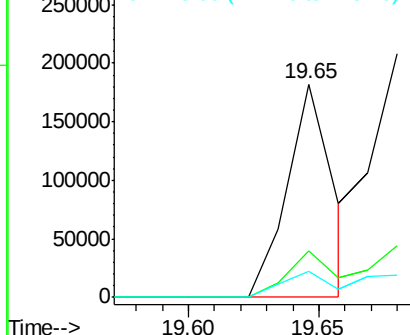
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.2	7.8	11.8

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



#88

Benzo(k)fluoranthene

Concen: 43.50 ng m

RT: 19.68 min Scan# 1583

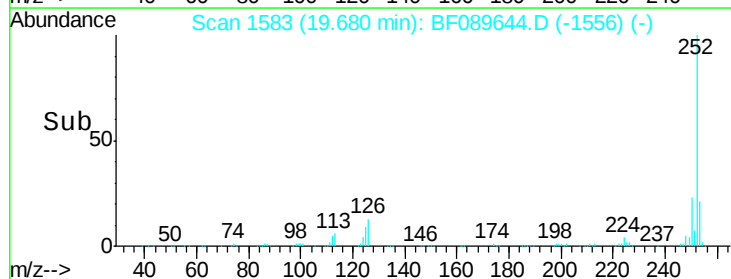
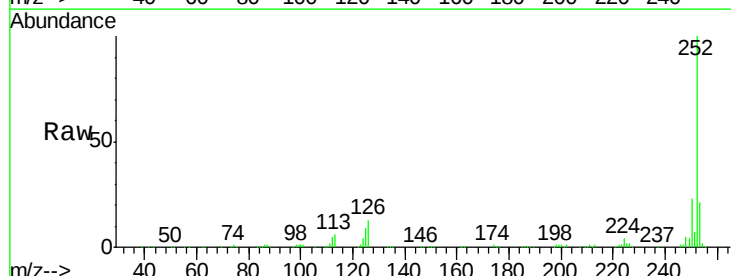
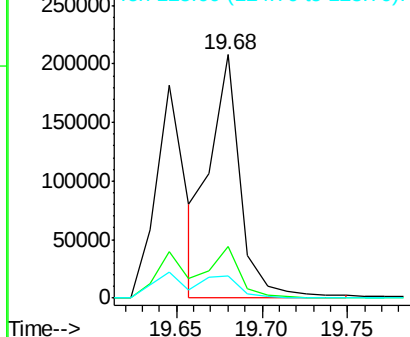
Delta R.T. 0.01 min

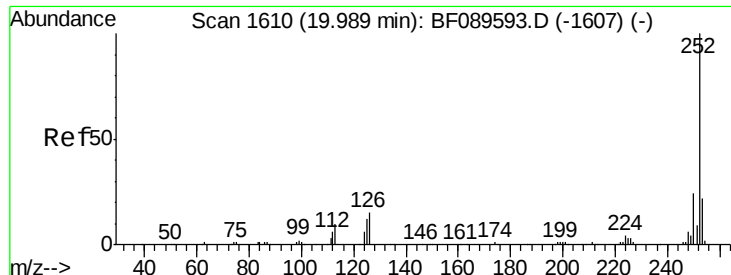
Lab File: BF089644.D

Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	9.3	11.0	16.6

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





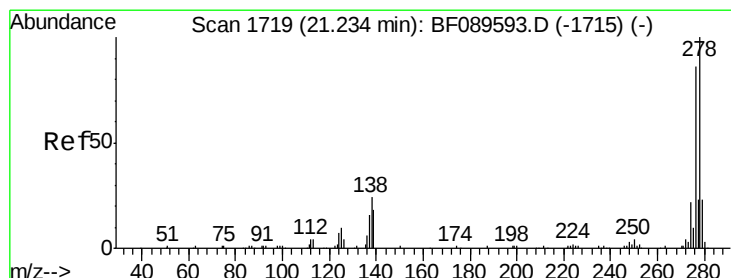
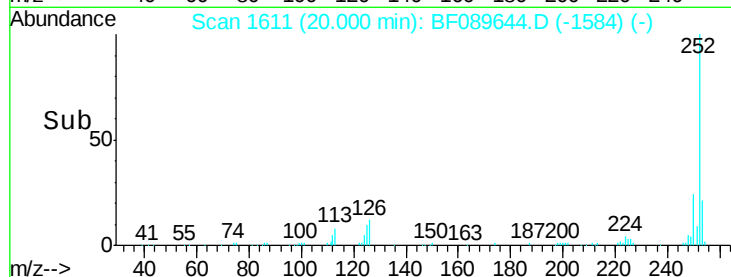
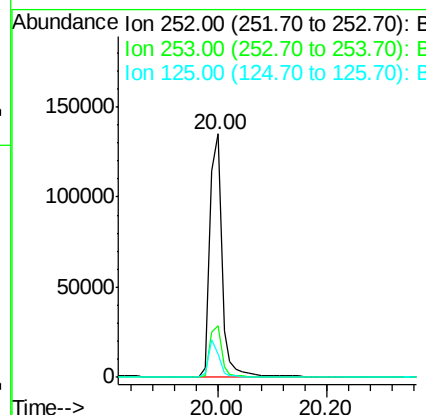
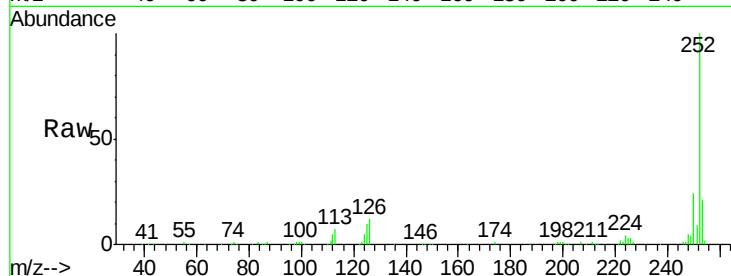
#89
Benzo(a)pyrene
Concen: 38.56 ng
RT: 20.00 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	9.9	9.9	14.9

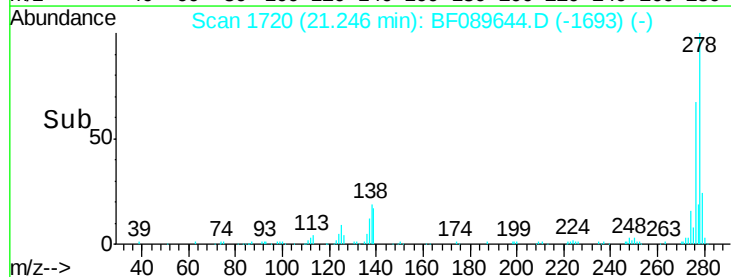
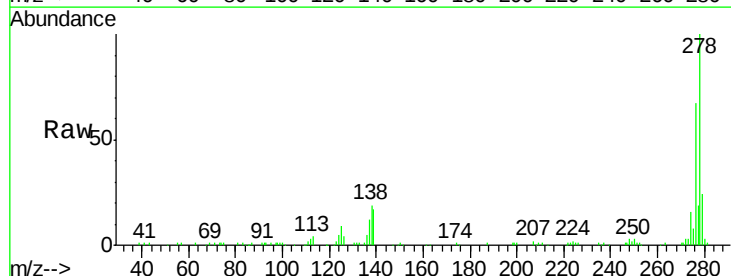
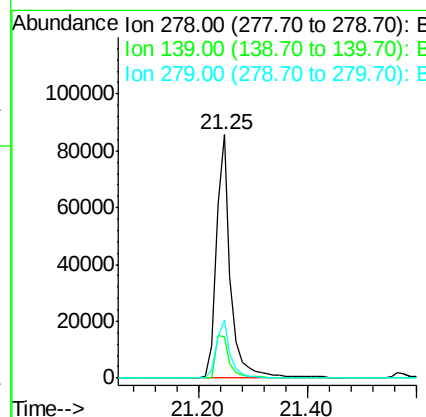
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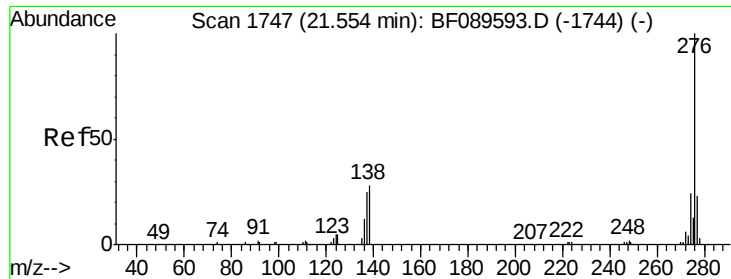
umangi
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#90
Dibenzo(a,h)anthracene
Concen: 30.30 ng
RT: 21.25 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BF089644.D
Acq: 5 Aug 2016 22:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.6	21.8
279	23.6	18.4	27.6





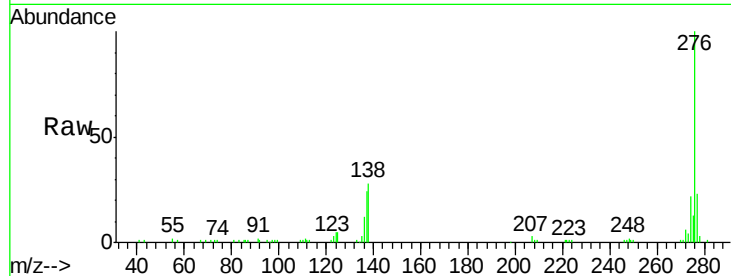
#91
 Benzo(g,h,i)perylene
 Concen: 27.46 ng
 RT: 21.57 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: BF089644.D
 Acq: 5 Aug 2016 22:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.2	18.6	28.0
138	28.1	22.6	33.8

Manual Integrations
 APPROVED

umangi
 8/8/2016 9:19:56 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

