

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089598.D
 Acq On : 4 Aug 2016 20:15
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

Manual Integrations
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 8/5/2016 6:58:52 PM

Quant Time: Aug 05 02:08:52 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	42582	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	187414	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	87877	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	172202	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	115652	20.00	ng	0.00
86) Perylene-d12	20.05	264	82728	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	203740	80.19	ng	0.00
7) Phenol-d6	6.98	99	275484	79.93	ng	0.00
23) Nitrobenzene-d5	8.35	82	251442	74.21	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	59468	82.00	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	489071	72.33	ng	0.00
78) Terphenyl-d14	17.05	244	413159	70.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.74	88	48722	33.45	ng	99
3) Pyridine	2.31	79	105289	39.34	ng	99
4) n-Nitrosodimethylamine	2.28	42	38181	34.56	ng	98
6) Aniline	6.94	93	162185	36.31	ng	99
8) 2-Chlorophenol	7.12	128	123077	39.46	ng	99
9) Benzaldehyde	6.75	77	58188	46.54	ng	98
10) Phenol	6.99	94	141956	40.12	ng	92
11) bis(2-Chloroethyl)ether	7.08	93	119514	39.31	ng	97
12) 1,3-Dichlorobenzene	7.35	146	126083	37.22	ng	99
13) 1,4-Dichlorobenzene	7.47	146	127534	37.75	ng	99
14) 1,2-Dichlorobenzene	7.70	146	126674	35.57	ng	99
15) Benzyl Alcohol	7.72	79	88006	38.94	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.94	45	147325	38.06	ng	94
17) 2-Methylphenol	7.94	107	89349	39.66	ng	97
18) Hexachloroethane	8.23	117	52314	36.74	ng	96
19) n-Nitroso-di-n-propylamine	8.16	70	91525	36.76	ng	96
20) 3+4-Methylphenols	8.20	107	112499	39.56	ng	98
22) Acetophenone	8.14	105	179058	40.08	ng	99
24) Nitrobenzene	8.39	77	133255	41.41	ng	97
25) Isophorone	8.79	82	245123	37.78	ng	97
26) 2-Nitrophenol	8.89	139	56869	38.50	ng	99
27) 2,4-Dimethylphenol	9.03	122	104889	39.50	ng	98
28) bis(2-Chloroethoxy)methane	9.18	93	139889	35.64	ng	98
29) 2,4-Dichlorophenol	9.30	162	91179	36.29	ng	98
30) 1,2,4-Trichlorobenzene	9.40	180	106254	37.03	ng	98
31) Naphthalene	9.51	128	357948	35.93	ng	100
32) Benzoic acid	9.35	122	58505	35.07	ng	98
33) 4-Chloroaniline	9.64	127	132021	35.29	ng	98
34) Hexachlorobutadiene	9.72	225	58958	35.68	ng	99
35) Caprolactam	10.27	113	27815	37.99	ng	94
36) 4-Chloro-3-methylphenol	10.50	107	111954	38.33	ng	95
37) 2-Methylnaphthalene	10.63	142	219563	35.84	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	120587	36.51	ng	100
40) Hexachlorocyclopentadiene	10.89	237	30840	32.98	ng	100

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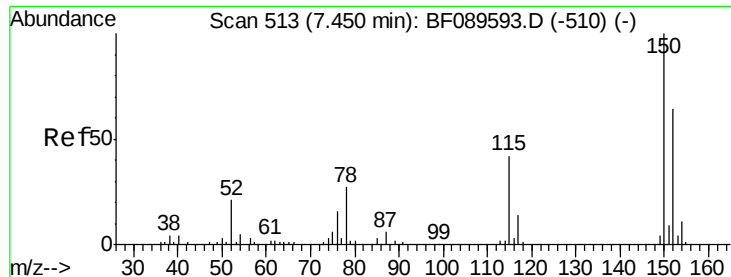
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.12	196	62789	38.54	nq	97
43) 2,4,5-Trichlorophenol	11.20	196	71431	41.03	nq	97
45) 1,1'-Biphenyl	11.40	154	295756	37.32	nq	99
46) 2-Chloronaphthalene	11.42	162	221013	37.20	nq	97
47) 2-Nitroaniline	11.62	65	65977	34.45	nq	98
48) Acenaphthylene	12.07	152	367493	37.55	nq	99
49) Dimethylphthalate	11.95	163	270326	39.25	nq	98
50) 2,6-Dinitrotoluene	12.04	165	56230	41.06	nq	96
51) Acenaphthene	12.35	154	213538	37.77	nq	99
52) 3-Nitroaniline	12.31	138	58119	35.48	nq	98
53) 2,4-Dinitrophenol	12.51	184	17081	37.49	nq	88
54) Dibenzofuran	12.64	168	290630	37.40	nq	99
55) 4-Nitrophenol	12.70	139	28867m	30.83	nq	
56) 2,4-Dinitrotoluene	12.70	165	75021	38.95	nq	94
57) Fluorene	13.19	166	250529	37.71	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	47699	36.09	nq	96
59) Diethylphthalate	13.10	149	273680	38.42	nq	97
60) 4-Chlorophenyl-phenylether	13.22	204	118851	39.02	nq	99
61) 4-Nitroaniline	13.30	138	54848	37.24	nq	92
62) Azobenzene	13.47	77	266420	38.67	nq	93
64) 4,6-Dinitro-2-methylphenol	13.36	198	37209	36.73	nq	84
65) n-Nitrosodiphenylamine	13.43	169	208095	35.78	nq	100
66) 4-Bromophenyl-phenylether	14.00	248	64009	38.43	nq	# 80
67) Hexachlorobenzene	14.07	284	64912	35.43	nq	93
68) Atrazine	14.35	200	66542	40.98	nq	98
69) Pentachlorophenol	14.42	266	25684	35.18	nq	99
70) Phenanthrene	14.73	178	343147	36.65	nq	99
71) Anthracene	14.81	178	371587	37.01	nq	100
72) Carbazole	15.10	167	319245	38.16	nq	99
73) Di-n-butylphthalate	15.70	149	440034	38.89	nq	99
74) Fluoranthene	16.49	202	365757	38.00	nq	98
76) Benzidine	16.73	184	150385	42.90	nq	97
77) Pyrene	16.79	202	354304	34.65	nq	99
79) Butylbenzylphthalate	17.73	149	173225	39.81	nq	98
80) Benzo(a)anthracene	18.38	228	251688	37.88	nq	98
81) 3,3'-Dichlorobenzidine	18.37	252	85609	40.89	nq	100
82) Chrysene	18.42	228	262240	37.62	nq	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	237599	39.44	nq	100
84) Di-n-octyl phthalate	19.25	149	340695	39.30	nq	99
85) Indeno(1,2,3-cd)pyrene	21.22	276	197565	37.32	nq	99
87) Benzo(b)fluoranthene	19.65	252	188891	37.12	nq	100
88) Benzo(k)fluoranthene	19.67	252	197277m	38.43	nq	
89) Benzo(a)pyrene	19.99	252	178267	37.42	nq	100
90) Dibenzo(a,h)anthracene	21.23	278	163952	36.84	nq	99
91) Benzo(g,h,i)perylene	21.57	276	167956	36.87	nq	# 93

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



#1

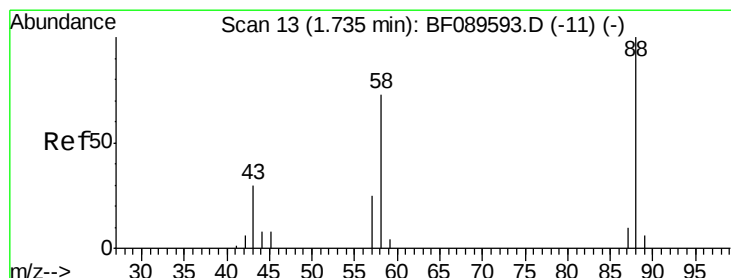
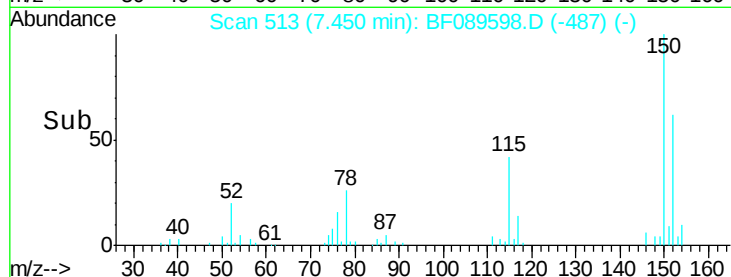
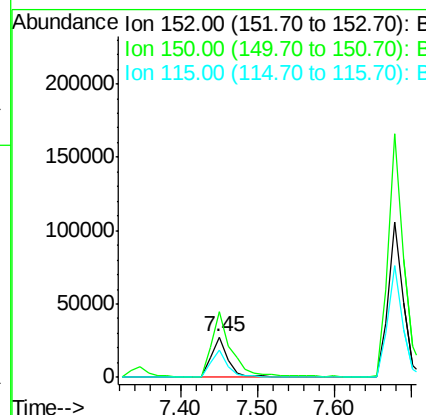
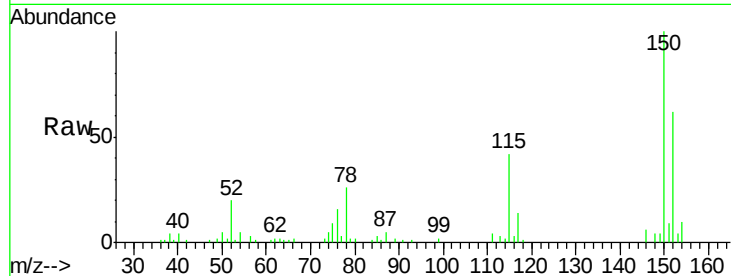
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	125.5	188.3
115	67.4	52.0	78.0

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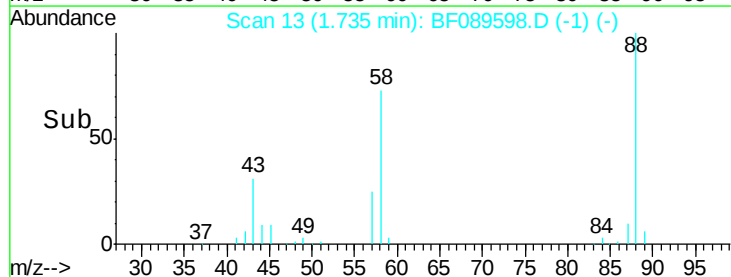
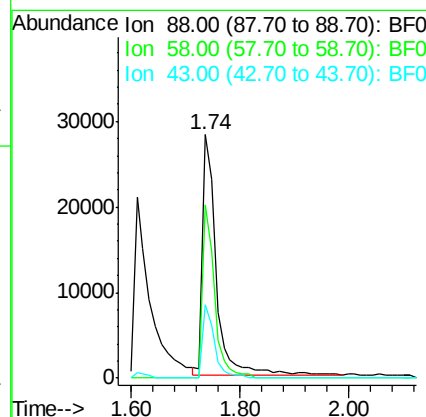
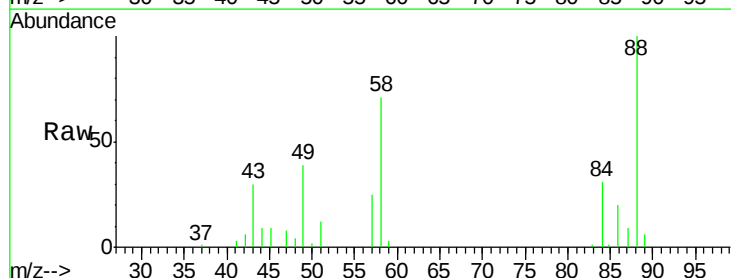
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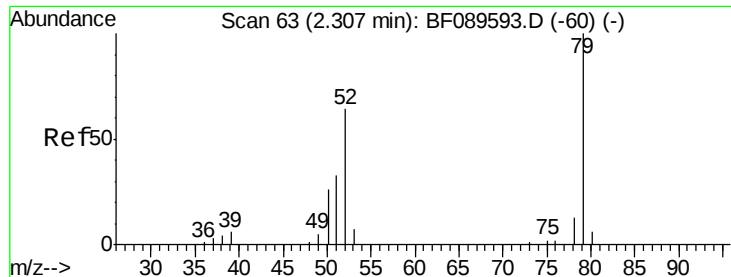


#2

1,4-Dioxane
Concen: 33.45 ng
RT: 1.74 min Scan# 13
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.3	49.8	74.8
43	26.0	20.1	30.1





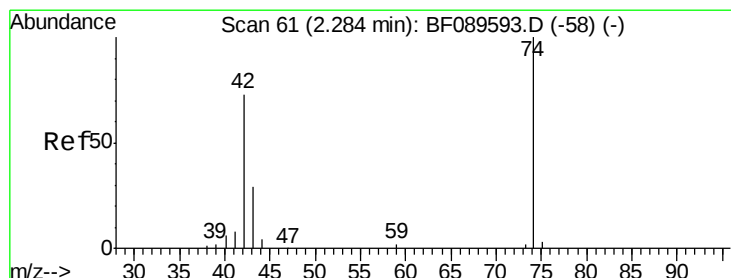
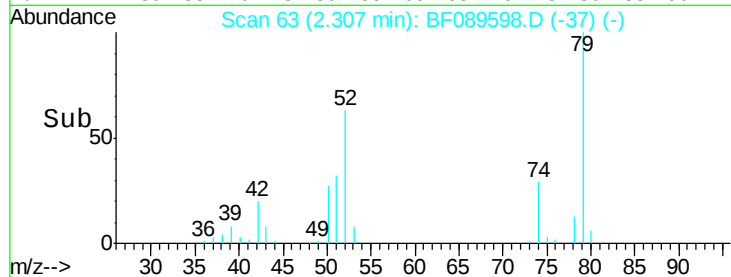
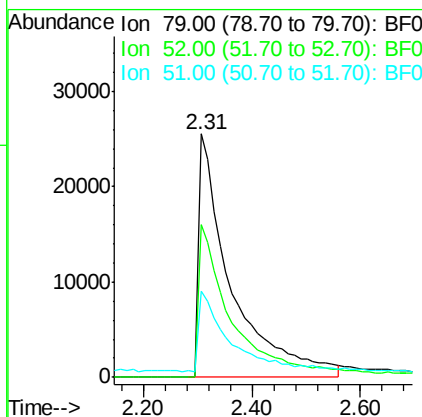
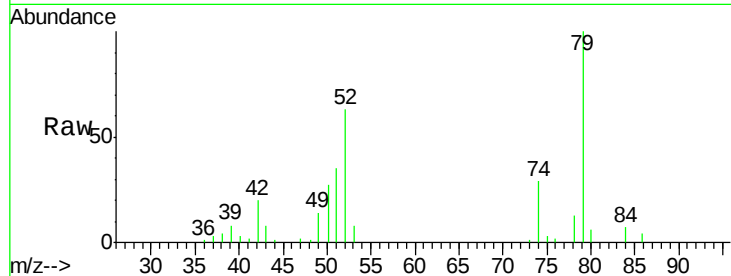
#3
 Pvridine
 Concen: 39.34 ng
 RT: 2.31 min Scan# 63
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

Tot Ion:	79	Resp:	105289
Ion	Ratio	Lower	Upper
79	100		
52	63.0	51.0	76.4
51	35.4	27.9	41.9

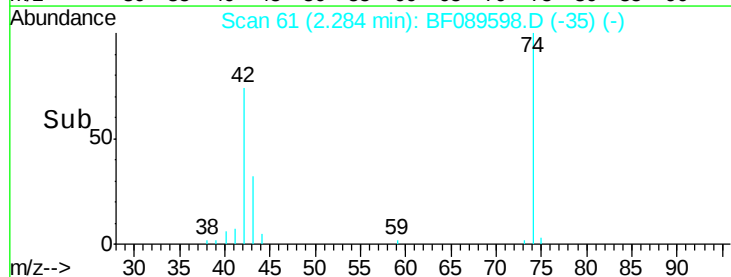
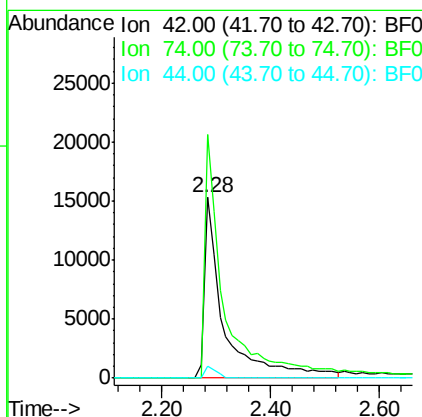
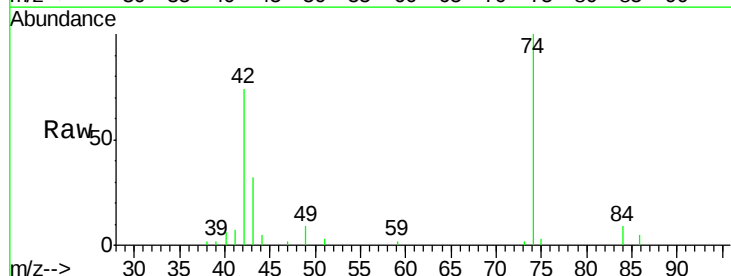
Manual Integrations
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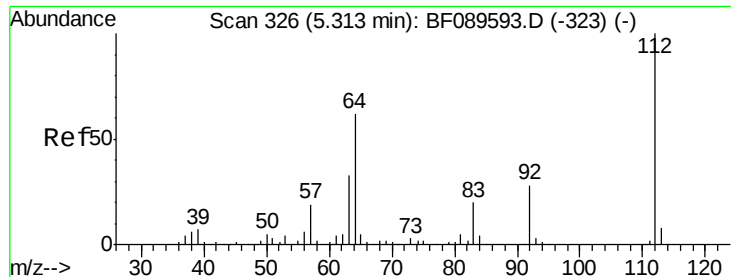
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#4
 n-Nitrosodimethylamine
 Concen: 34.56 ng
 RT: 2.28 min Scan# 61
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Tgt Ion:	42	Resp:	38181
Ion	Ratio	Lower	Upper
42	100		
74	135.0	110.0	165.0
44	6.5	4.8	7.2





#5

2-Fluorophenol

Concen: 80.19 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

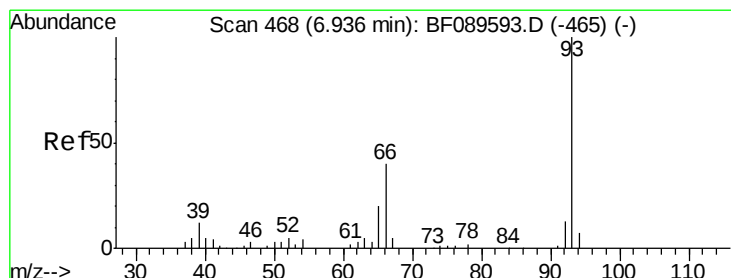
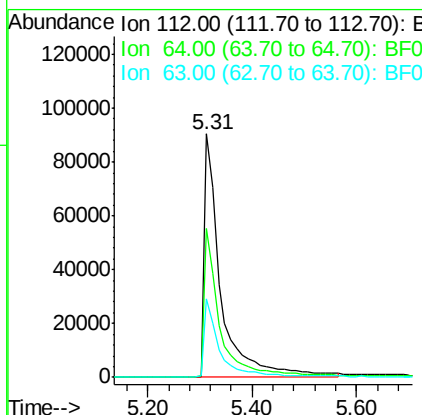
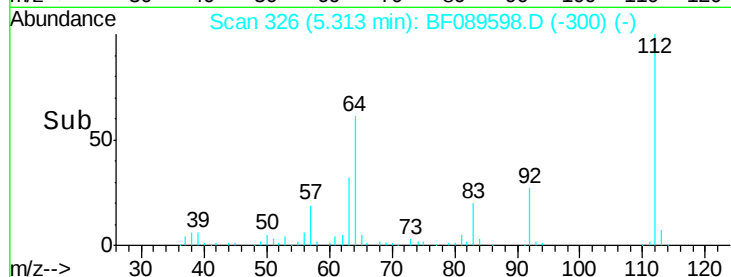
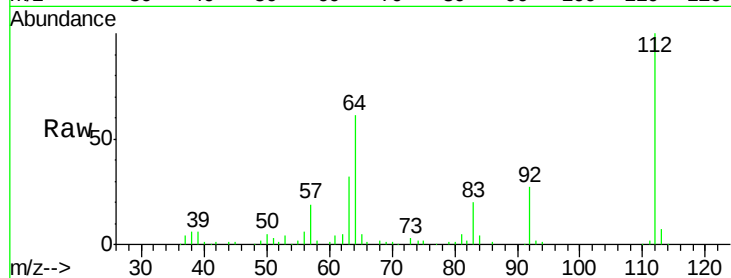
ClientSampleId :

ICVBF080416

Tot Ion:	112	Resp:	203740
Ion Ratio	Lower	Upper	
112	100		
64	61.3	49.9	74.9
63	32.1	26.1	39.1

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#6

Aniline

Concen: 36.31 ng

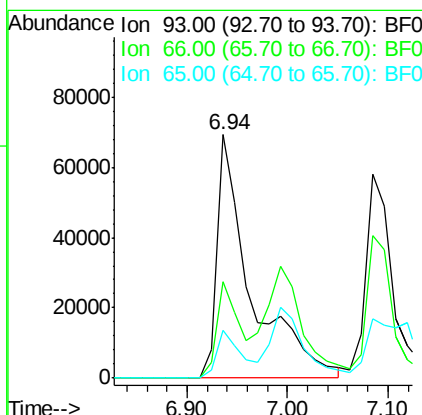
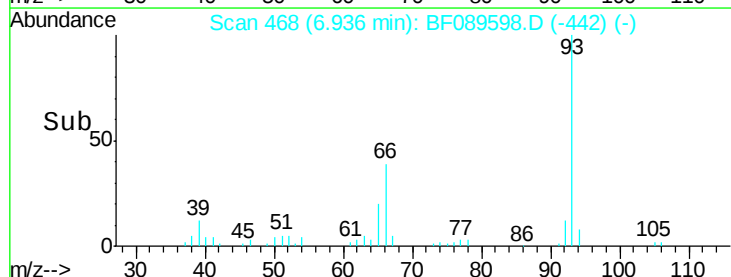
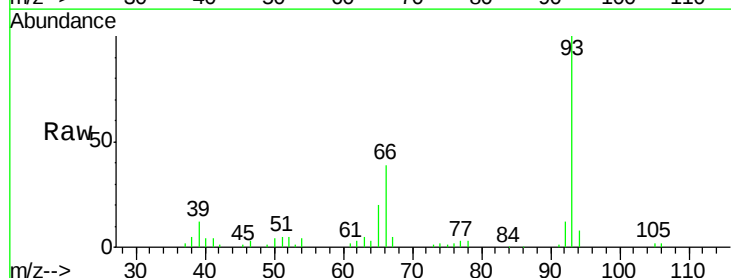
RT: 6.94 min Scan# 468

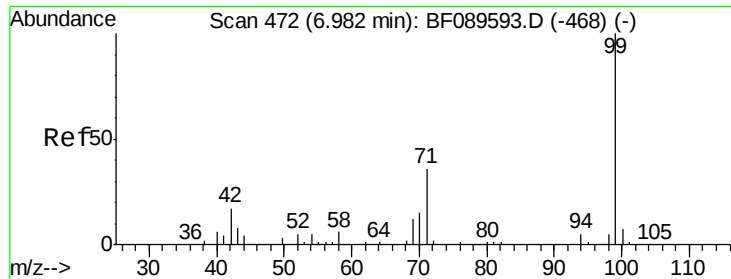
Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Tgt Ion:	93	Resp:	162185
Ion Ratio	Lower	Upper	
93	100		
66	39.5	32.2	48.2
65	19.6	15.8	23.8





#7

Phenol-d6

Concen: 79.93 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

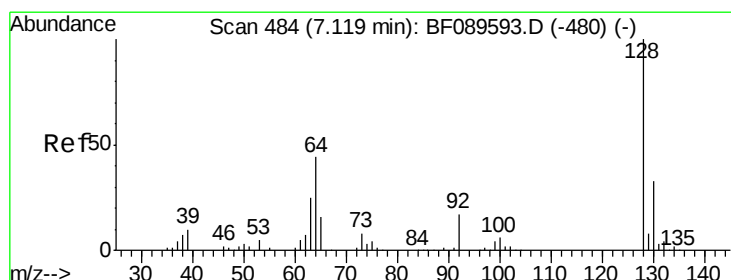
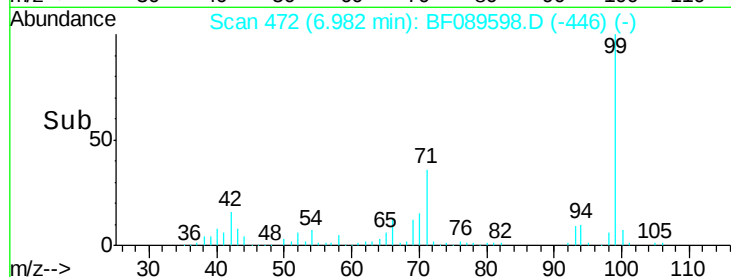
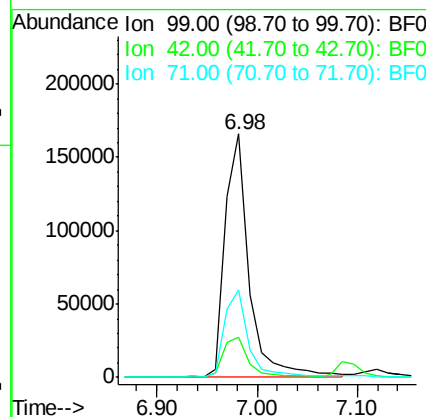
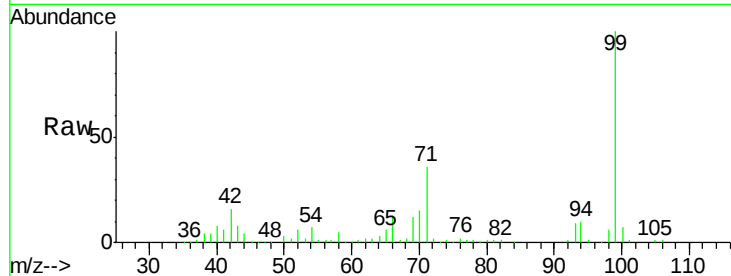
ClientSampleId :

ICVBF080416

Tot Ion:	99	Resp:	275484
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.7	20.5
71	36.1	29.0	43.4

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#8

2-Chlorophenol

Concen: 39.46 ng

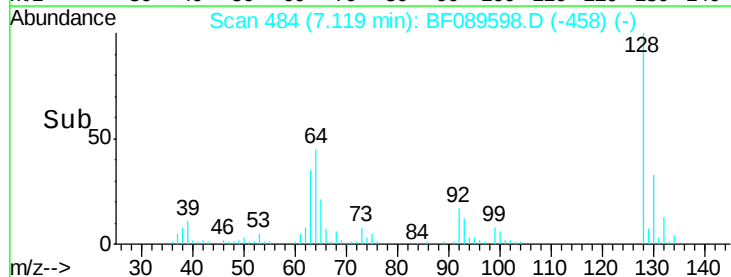
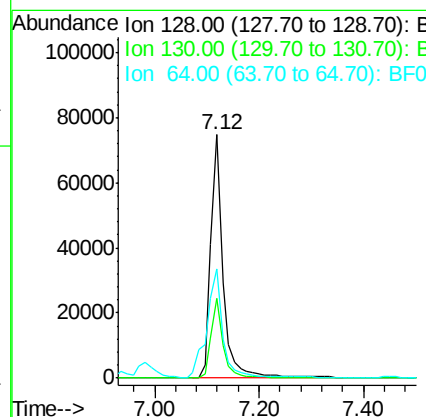
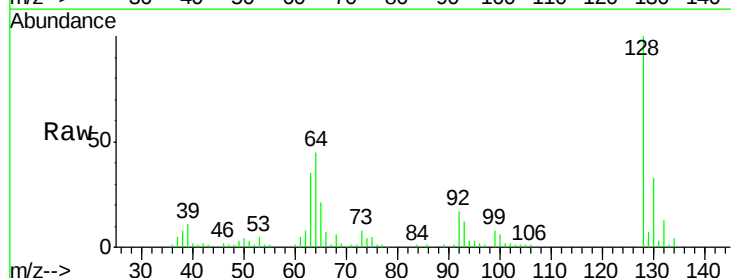
RT: 7.12 min Scan# 484

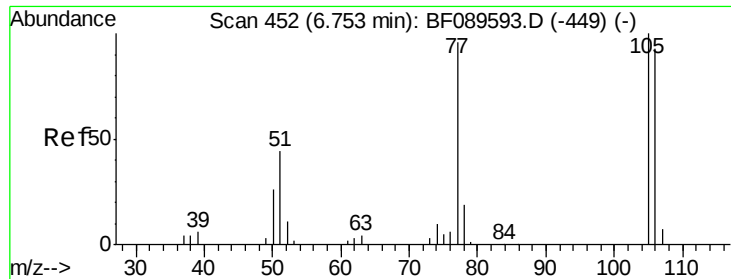
Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Tgt Ion:	128	Resp:	123077
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.6	52.6
64	45.0	25.3	65.3





#9

Benzaldehyde

Concen: 46.54 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

ClientSampleId :

ICVBF080416

Tot Ion: 77 Resp: 58188

Ion Ratio Lower Upper

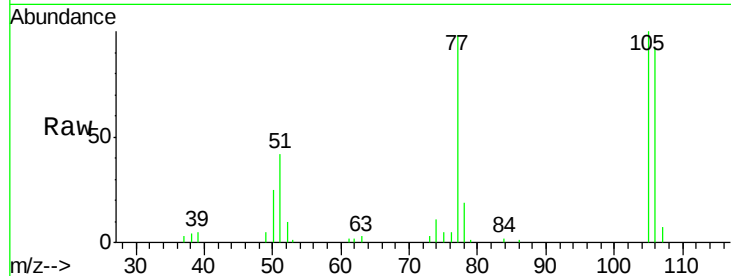
77 100

105 102.5 84.7 124.7

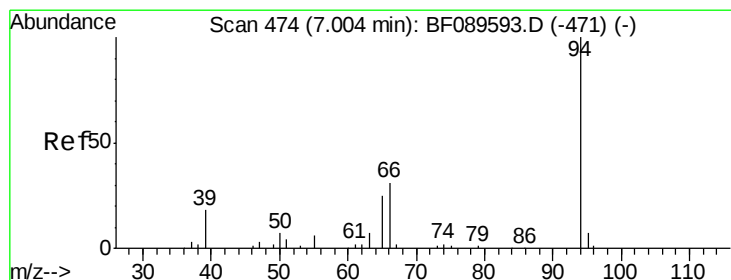
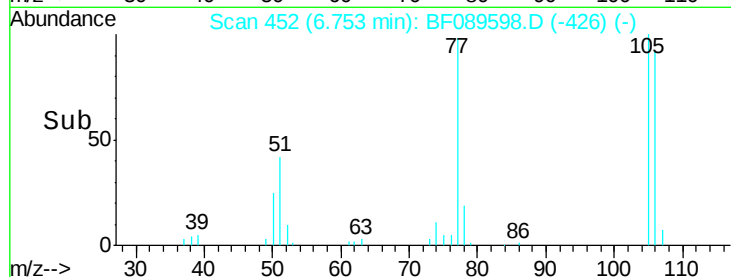
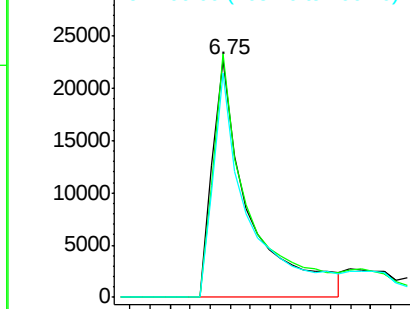
106 94.7 77.1 117.1

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.12 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

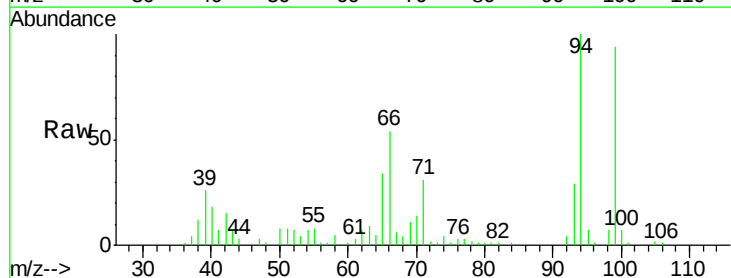
Tgt Ion: 94 Resp: 141956

Ion Ratio Lower Upper

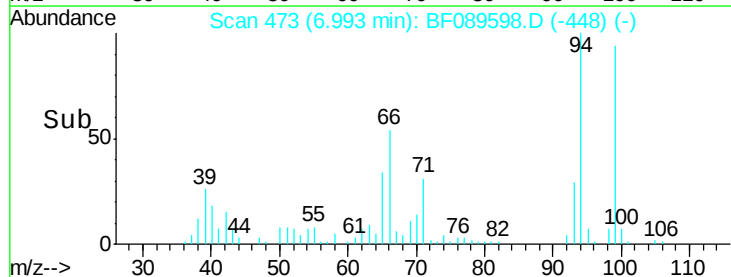
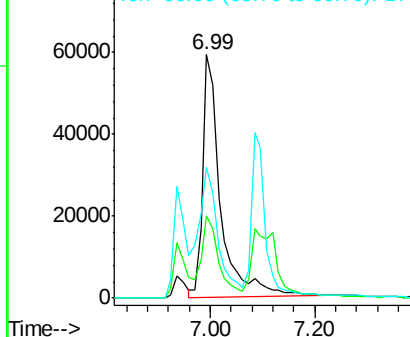
94 100

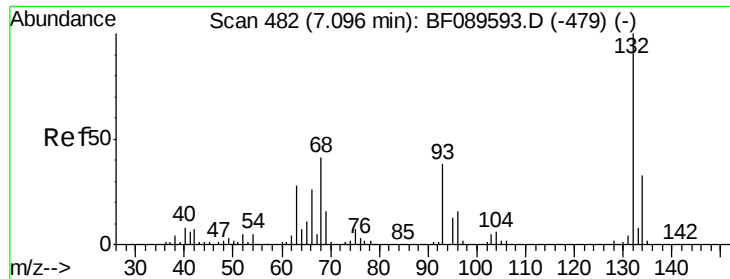
65 34.0 11.0 51.0

66 53.8 27.4 67.4



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.31 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

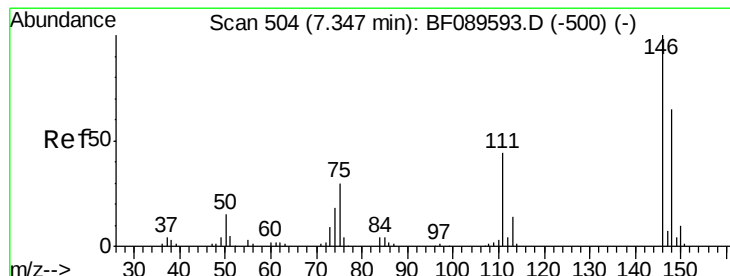
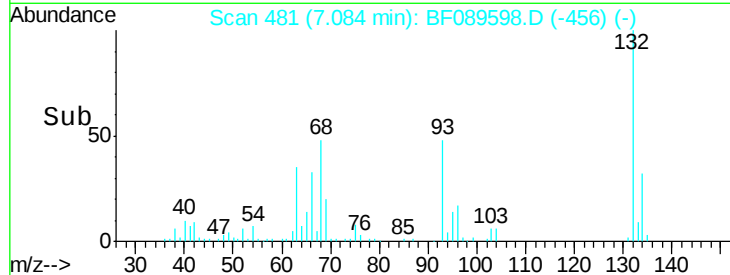
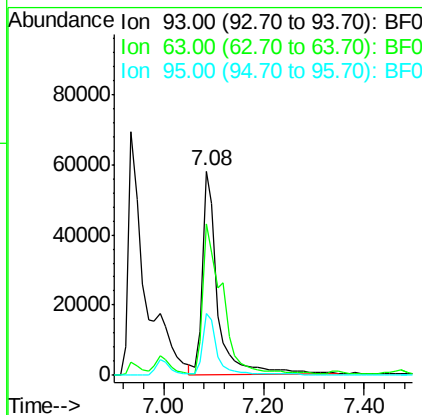
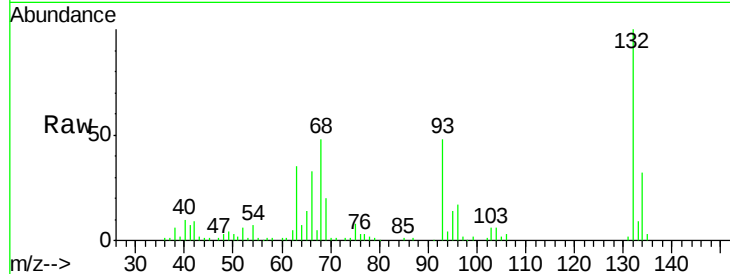
ClientSampleId :

ICVBF080416

Tot Ion:	93	Resp:	119514
Ion	Ratio	Lower	Upper
93	100		
63	74.3	52.2	92.2
95	30.4	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 37.22 ng

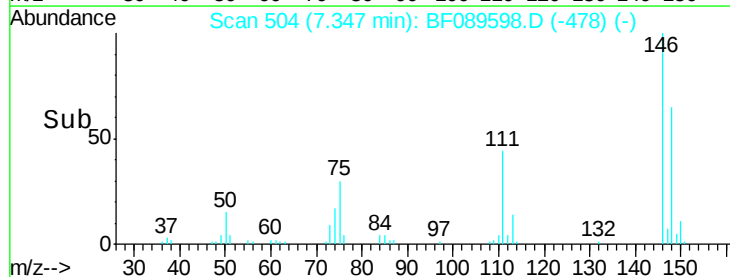
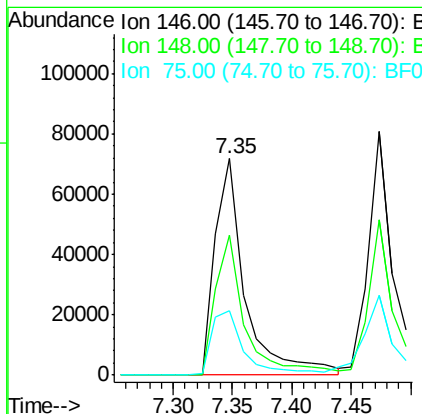
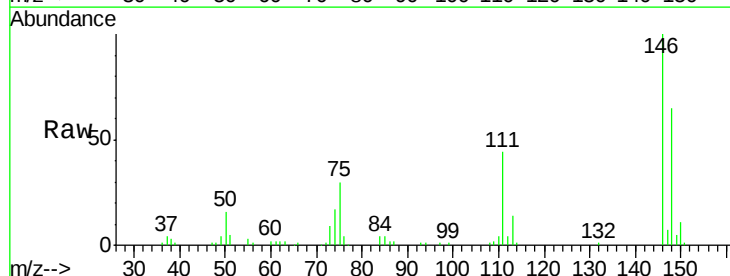
RT: 7.35 min Scan# 504

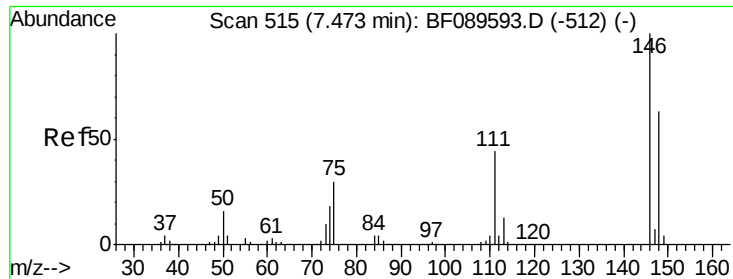
Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Tgt Ion:	146	Resp:	126083
Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.1	78.1
75	30.1	24.1	36.1





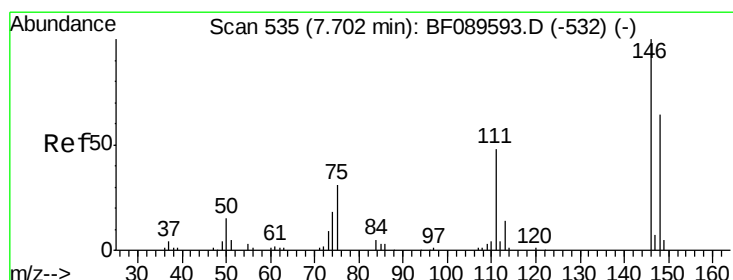
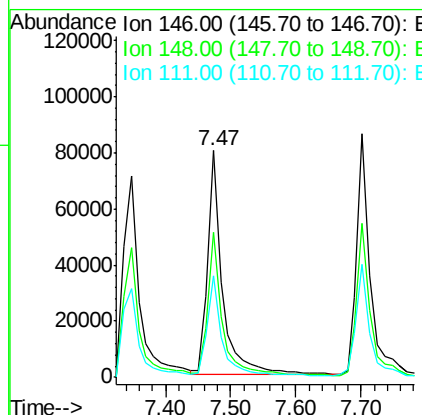
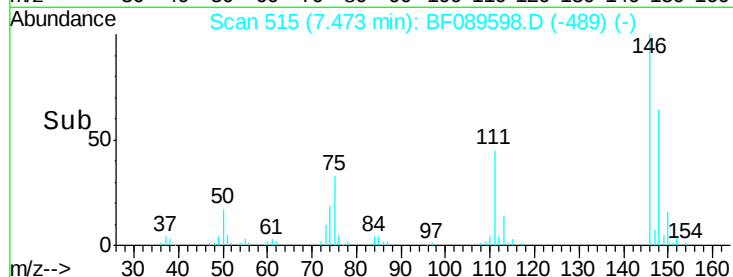
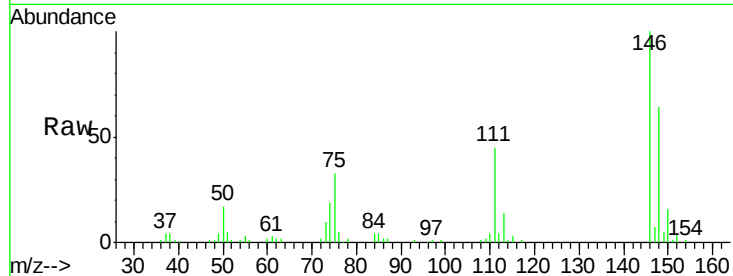
#13
1,4-Dichlorobenzene
Concen: 37.75 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	44.6	35.0	52.4

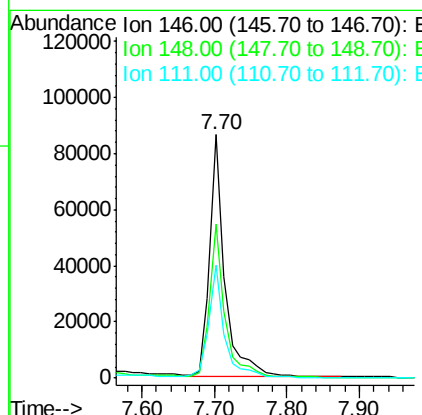
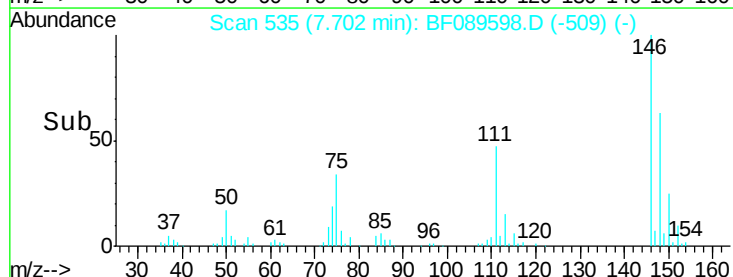
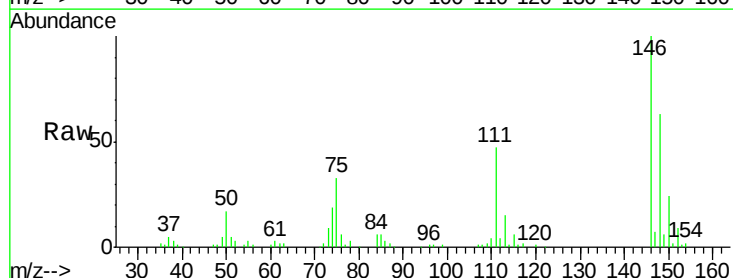
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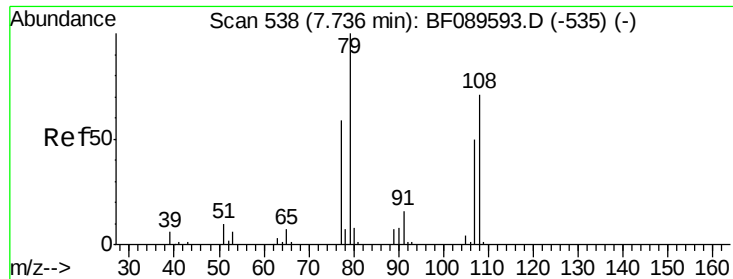
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#14
1,2-Dichlorobenzene
Concen: 35.57 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.6
111	46.7	38.5	57.7





#15

Benzyl Alcohol

Concen: 38.94 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

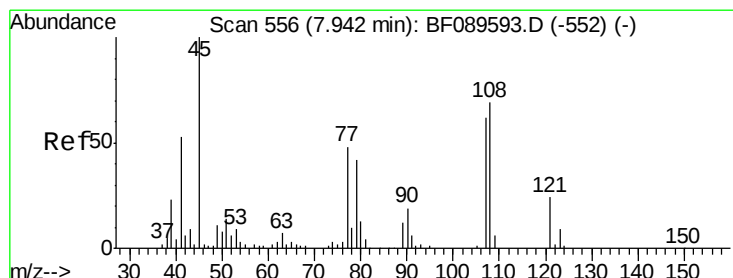
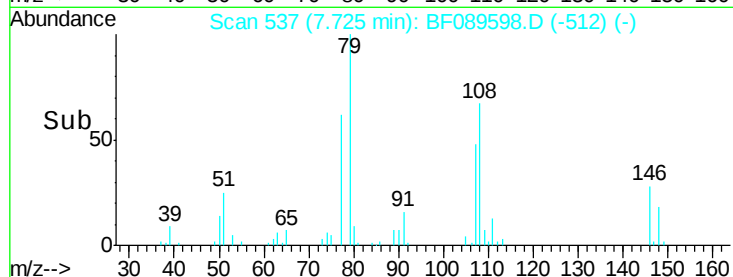
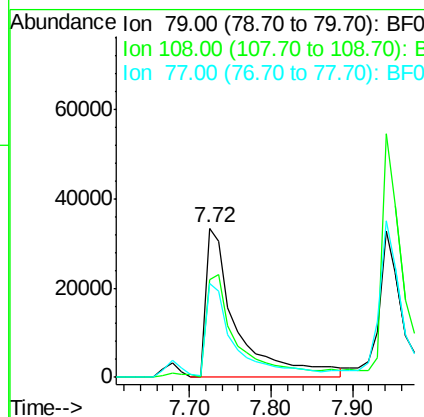
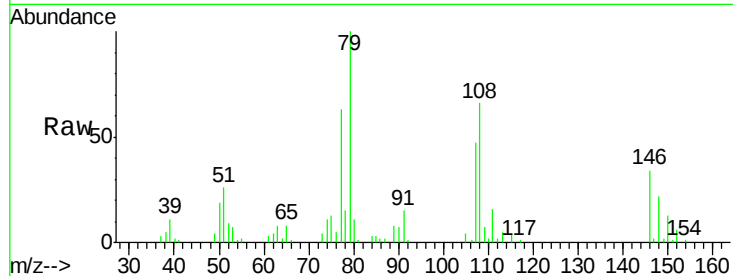
ClientSampleId :

ICVBF080416

Tot Ion:	79	Resp:	88006
Ion Ratio	Lower	Upper	
79	100		
108	65.6	58.3	87.5
77	62.9	48.7	73.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.06 ng

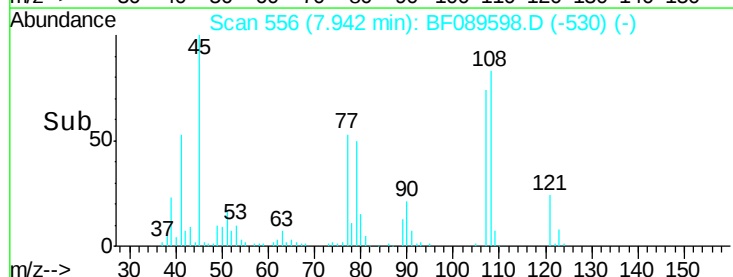
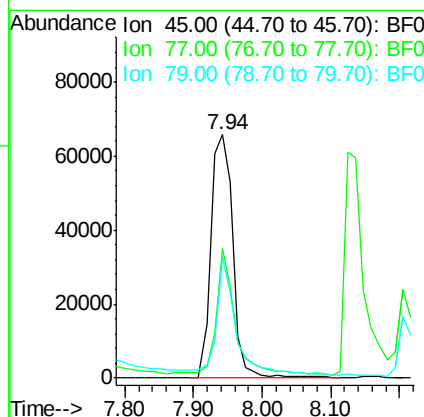
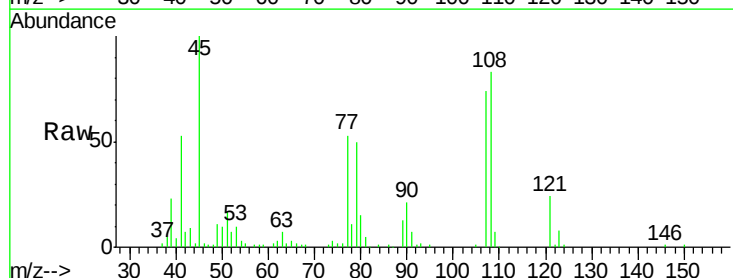
RT: 7.94 min Scan# 556

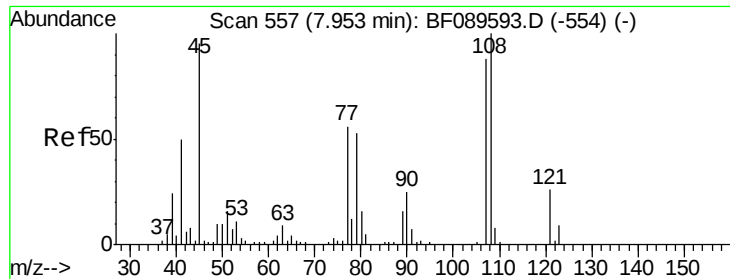
Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Tgt Ion:	45	Resp:	147325
Ion Ratio	Lower	Upper	
45	100		
77	53.5	30.1	70.1
79	49.8	25.5	65.5





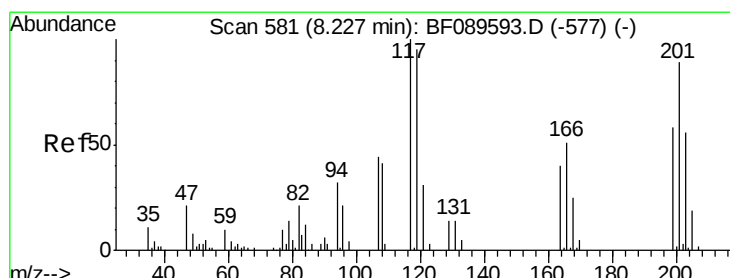
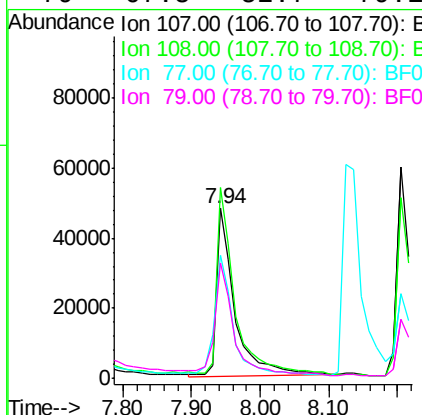
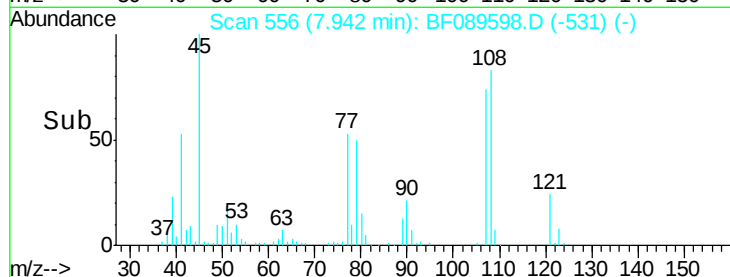
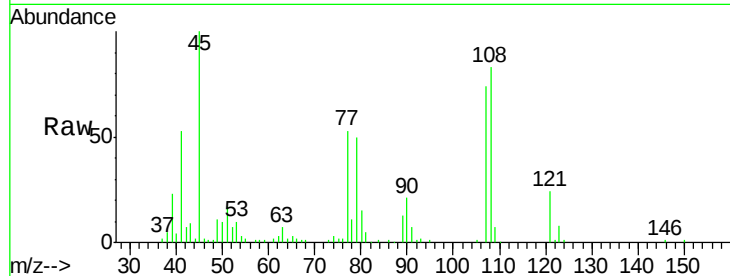
#17
2-Methylphenol
Concen: 39.66 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	107	Resp	89349
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.2	136.8
77	72.4	54.6	82.0
79	67.5	52.7	79.1

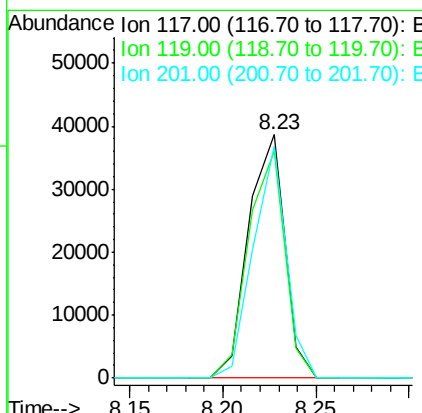
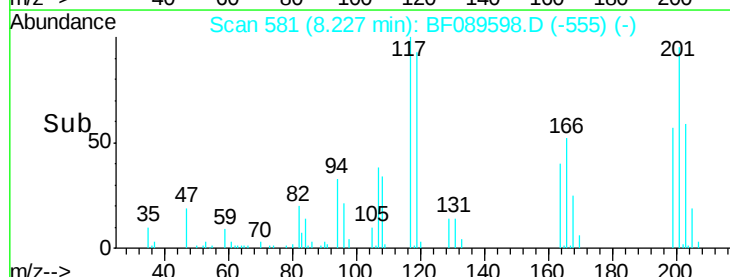
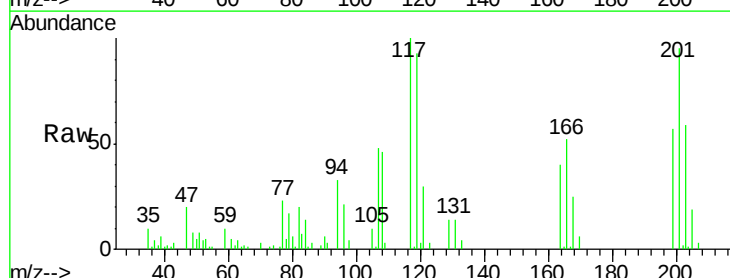
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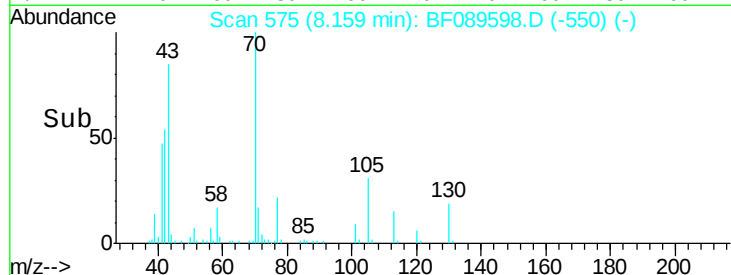
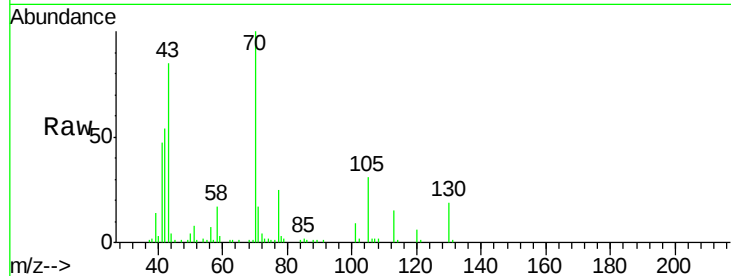
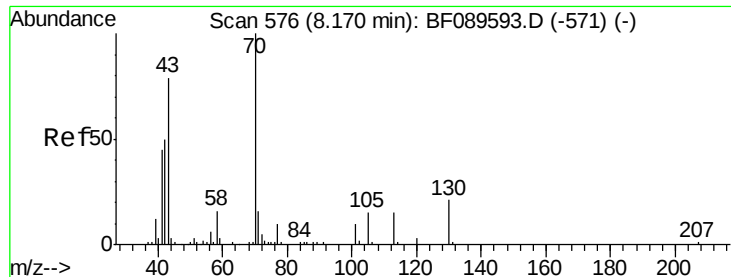
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#18
Hexachloroethane
Concen: 36.74 ng
RT: 8.23 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	117	Resp	52314
Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.7	113.5
201	95.3	71.6	107.4





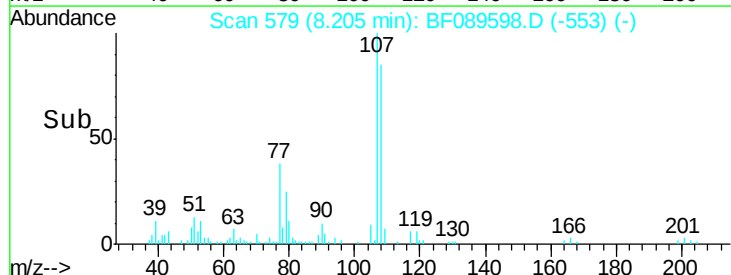
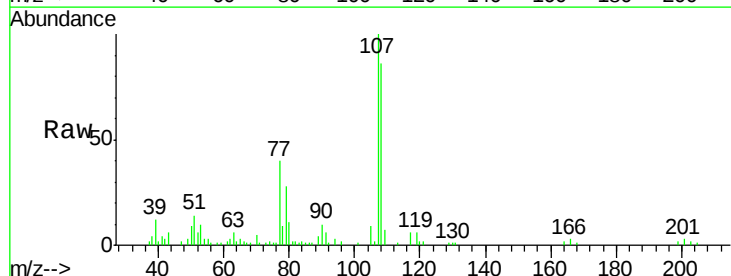
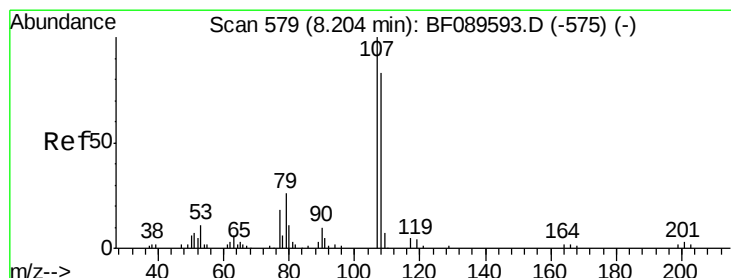
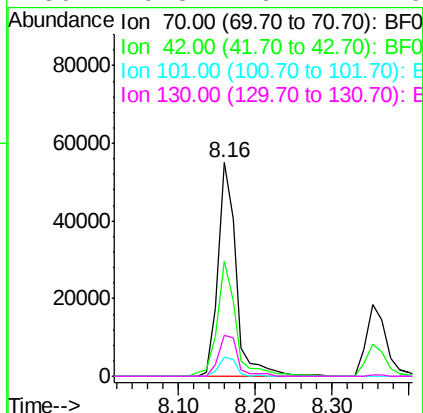
#19
n-Nitroso-di-n-propylamine
Concen: 36.76 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.7	40.2	60.2	
101	8.8	7.8	11.6	
130	19.3	16.4	24.6	

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

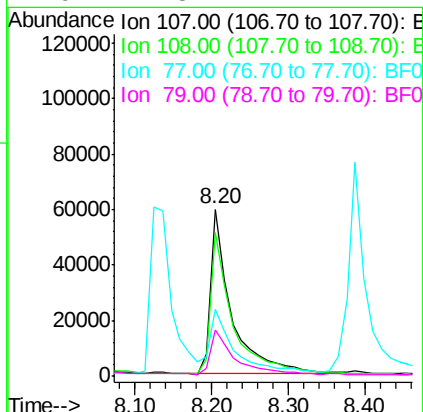
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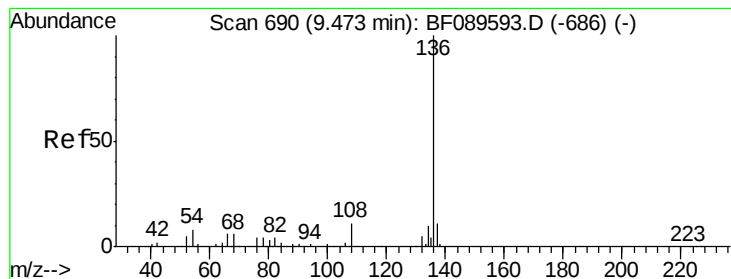
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#20
3+4-Methylphenols
Concen: 39.56 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.9	63.8	103.8	
77	39.9	19.5	59.5	
79	27.8	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: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

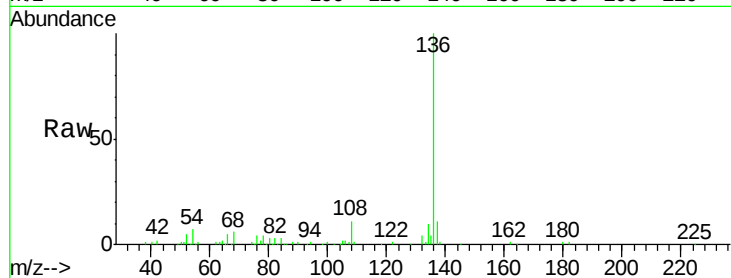
ClientSampleId :

ICVBF080416

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		187414		
137	10.9		8.6	12.8	
54	7.1		6.0	9.0	
68	5.7		4.6	6.8	

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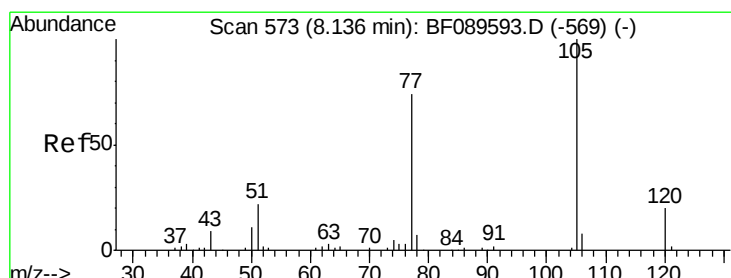
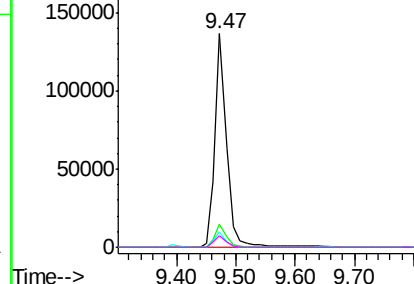
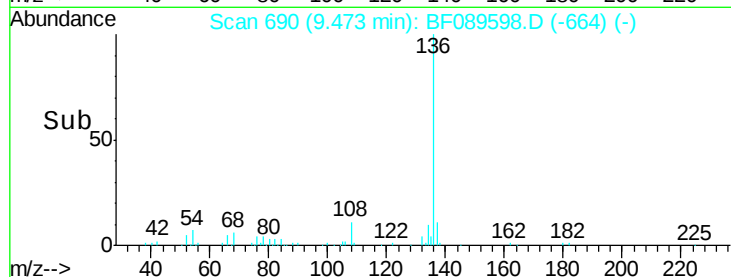
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.08 ng

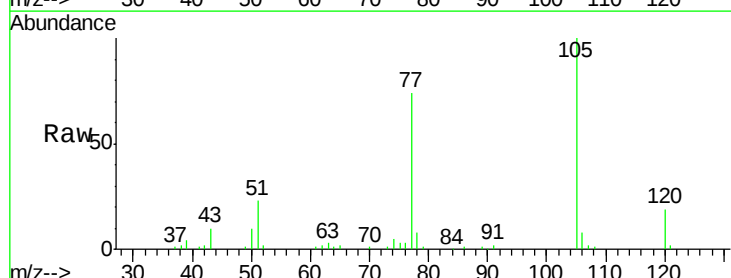
RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		179058		
71	0.0		0.0	0.0	
51	23.1		18.2	27.2	
120	19.0		15.7	23.5	



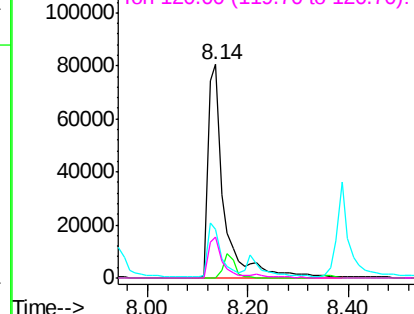
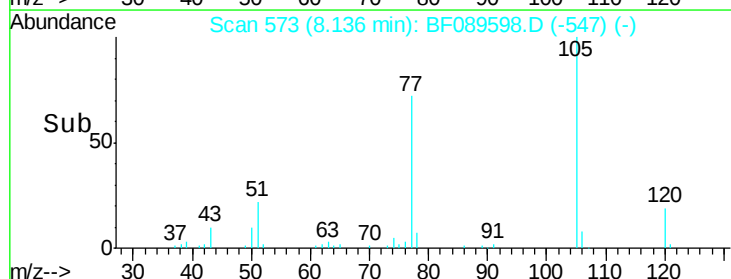
Abundance

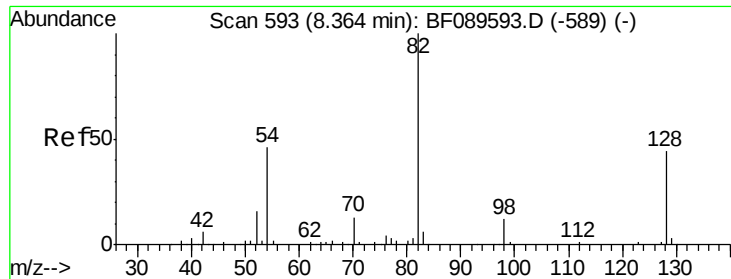
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





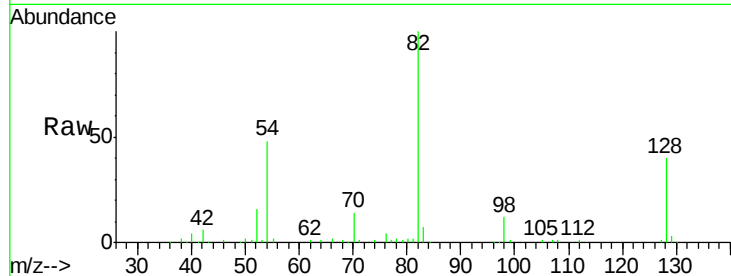
#23
 Nitrobenzene-d5
 Concen: 74.21 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

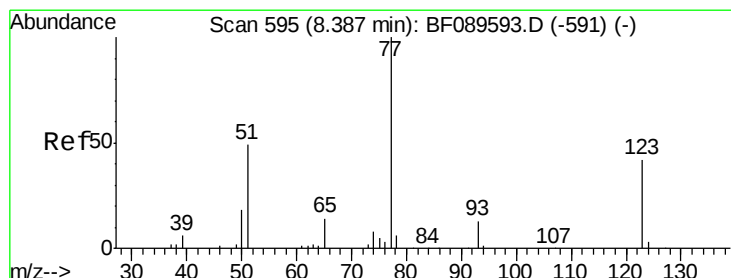
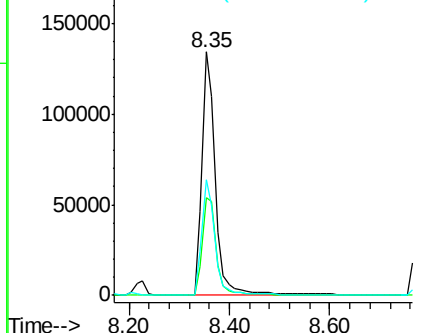
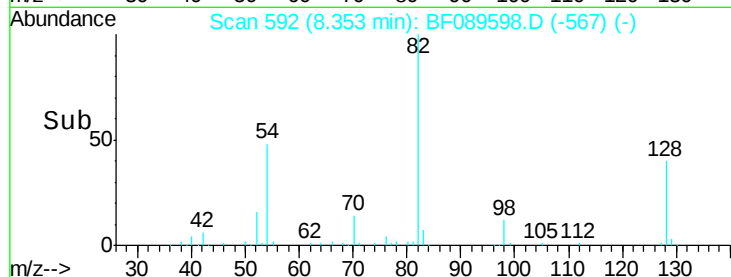
Tot Ion	Ratio	Resp	Lower	Upper
82	100	251442		
128	40.2		35.4	53.0
54	47.6		36.4	54.6

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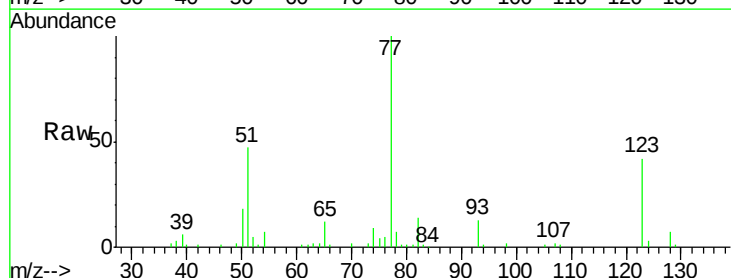


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

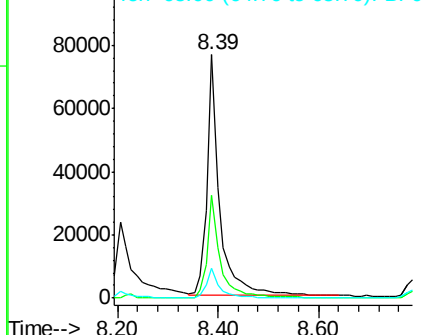
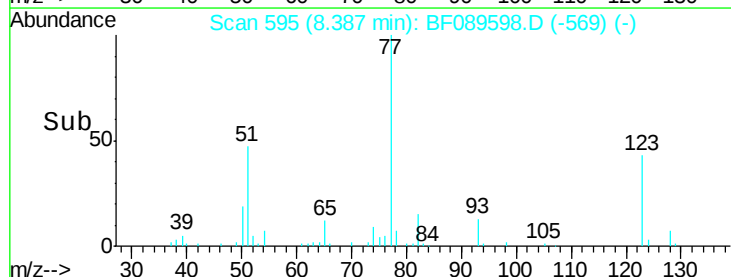


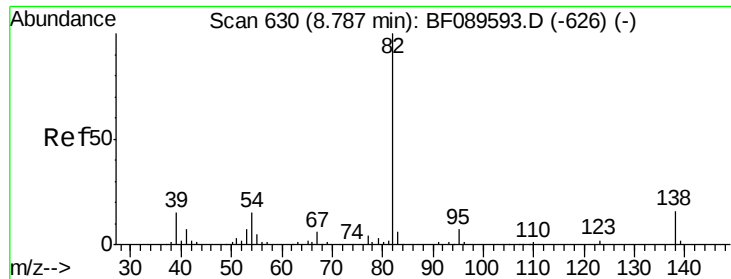
#24
 Nitrobenzene
 Concen: 41.41 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	133255		
123	42.3		32.6	49.0
65	12.3		11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.78 ng

RT: 8.79 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

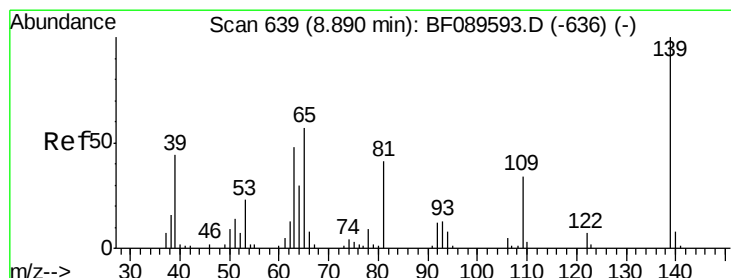
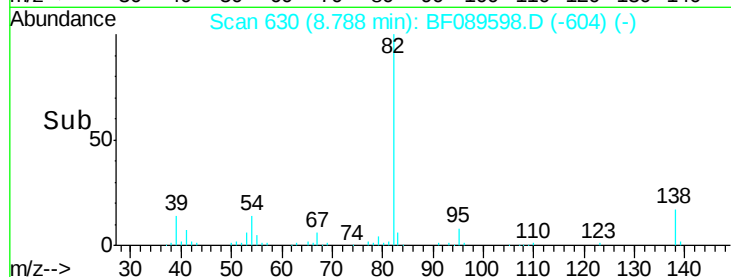
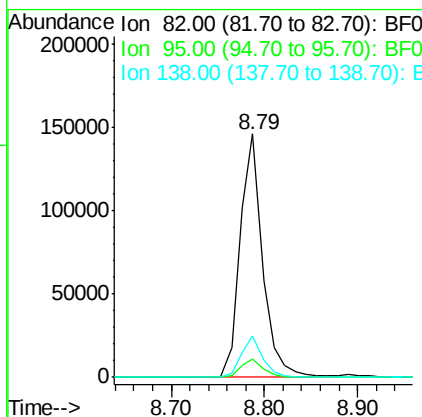
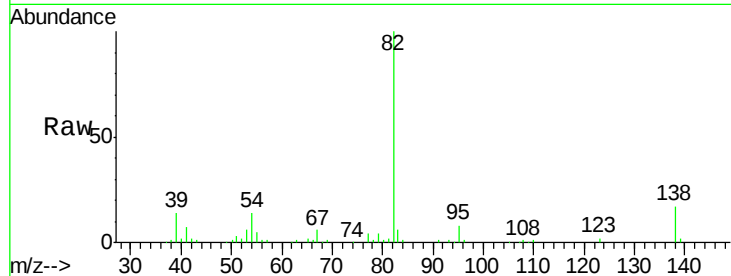
ClientSampleId :

ICVBF080416

Tot Ion:	82	Resp:	245123
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.8	8.8
138	17.2	12.6	18.8

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#26

2-Nitrophenol

Concen: 38.50 ng

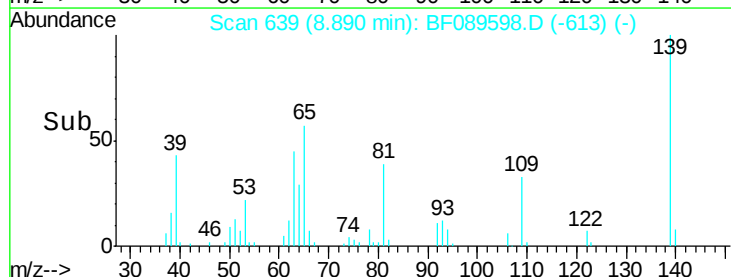
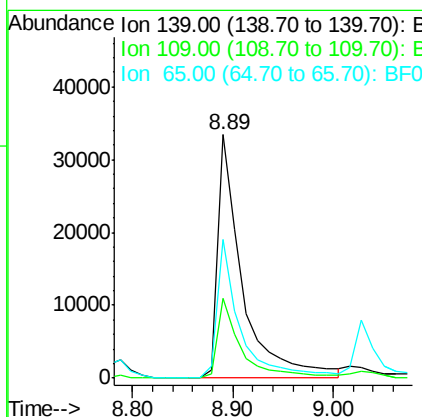
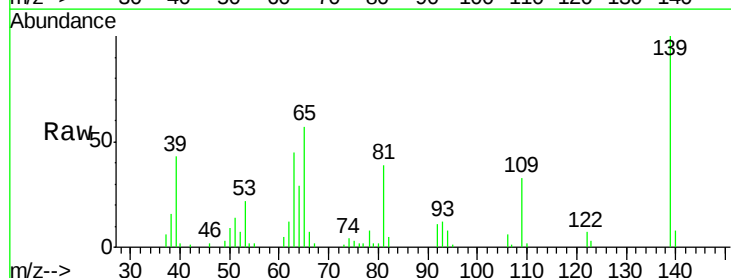
RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Tgt Ion:	139	Resp:	56869
Ion Ratio		Lower	Upper
139	100		
109	32.8	27.5	41.3
65	57.2	45.7	68.5





#27

2,4-Dimethylphenol

Concen: 39.50 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

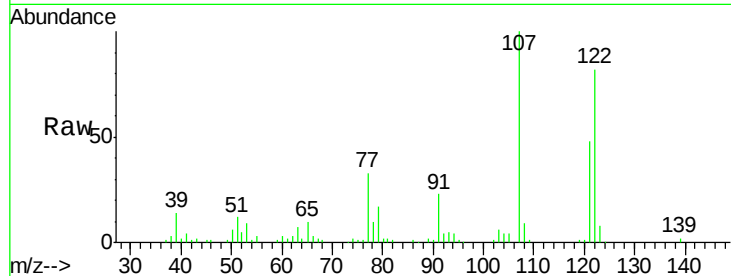
ClientSampleId :

ICVBF080416

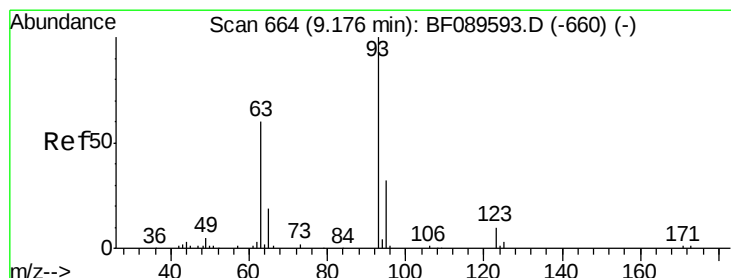
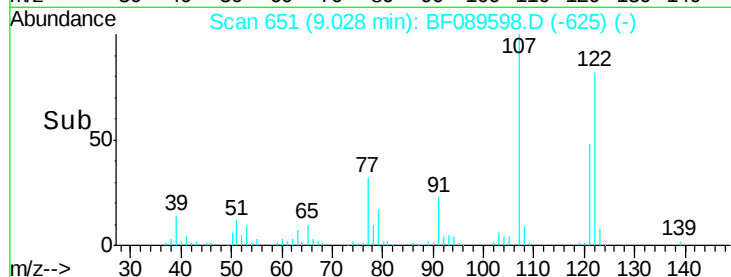
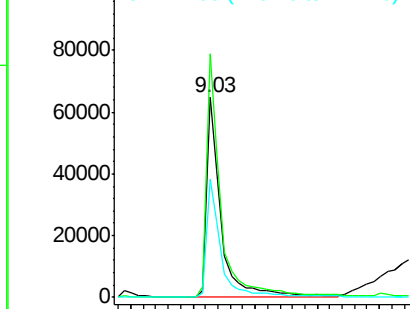
Tot Ion:	122	Resp:	104889
Ion Ratio	Lower	Upper	
122	100		
107	121.8	99.5	149.3
121	59.1	48.5	72.7

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.64 ng

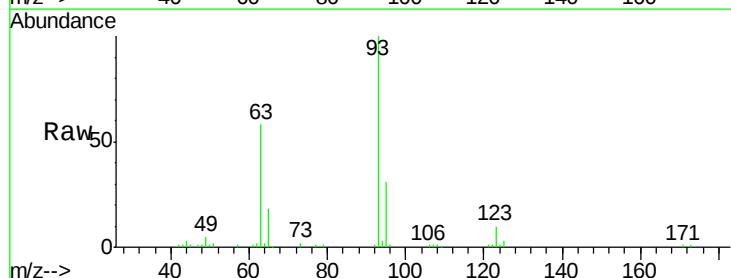
RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

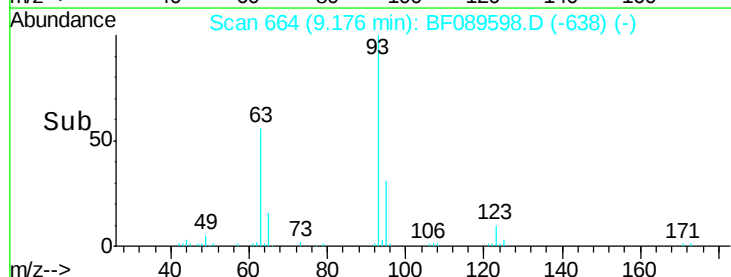
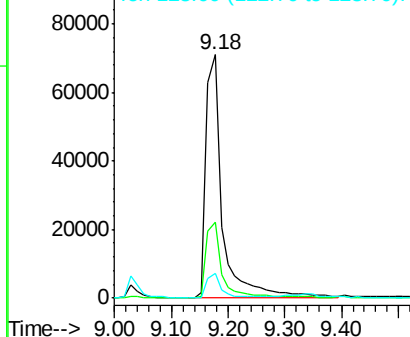
Lab File: BF089598.D

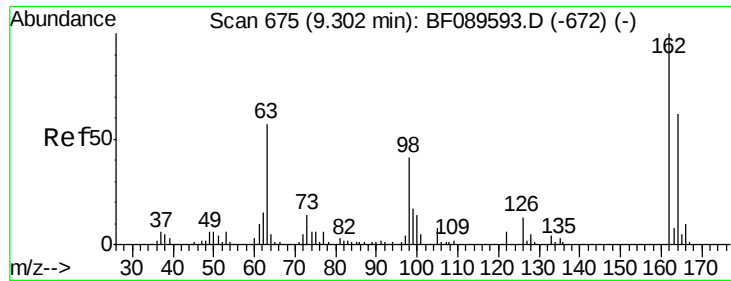
Acq: 4 Aug 2016 20:15

Tgt Ion:	93	Resp:	139889
Ion Ratio	Lower	Upper	
93	100		
95	31.1	25.8	38.8
123	10.4	8.0	12.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





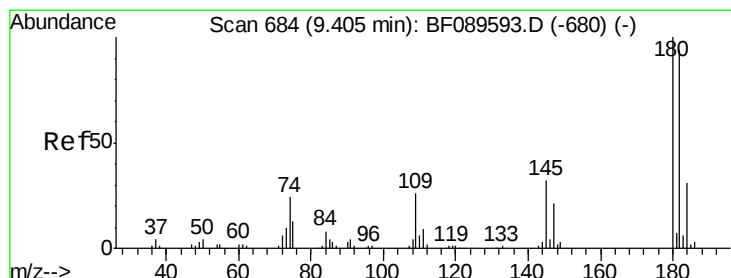
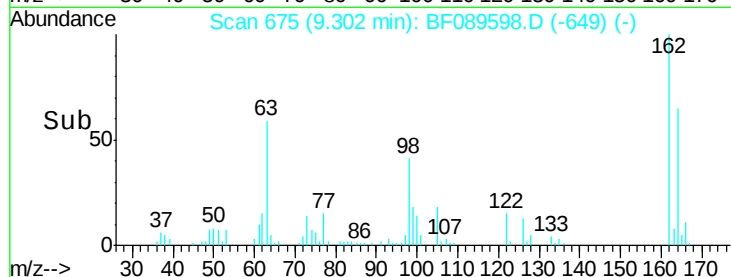
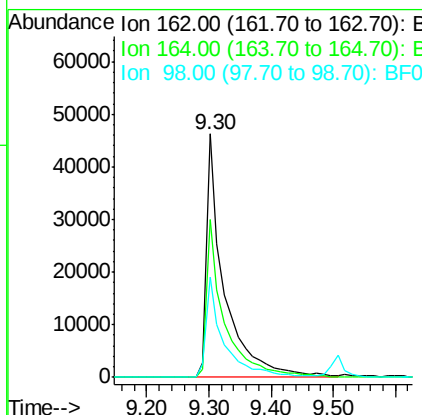
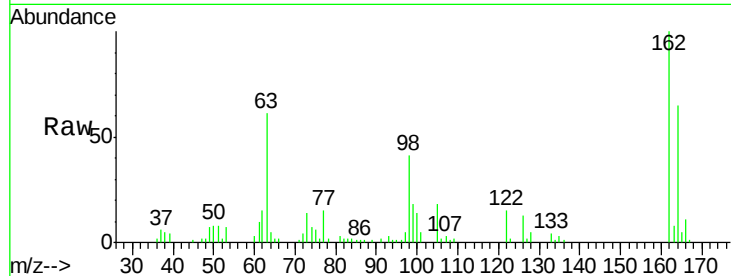
#29
 2,4-Dichlorophenol
 Concen: 36.29 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

Tot Ion:	162	Resp:	91179
Ion Ratio	Lower	Upper	
162	100		
164	64.9	42.3	82.3
98	41.4	21.2	61.2

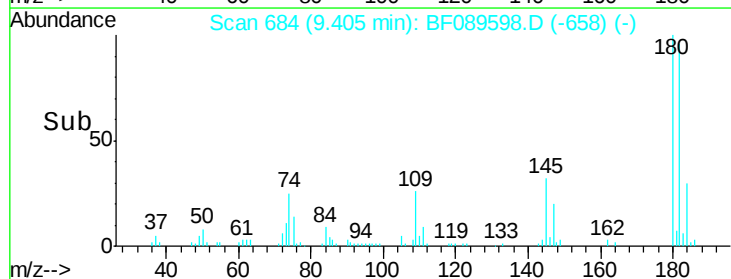
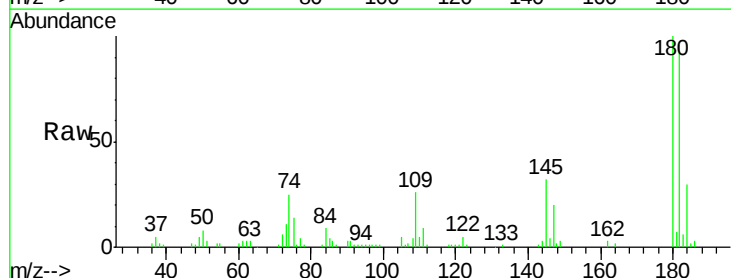
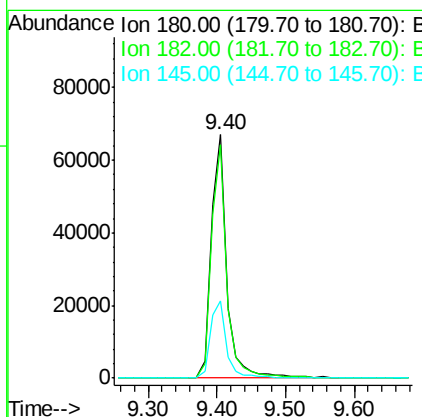
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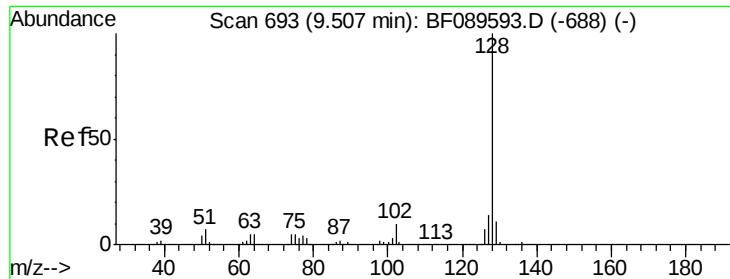
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.03 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Tgt Ion:	180	Resp:	106254
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.0	112.6
145	31.5	25.6	38.4





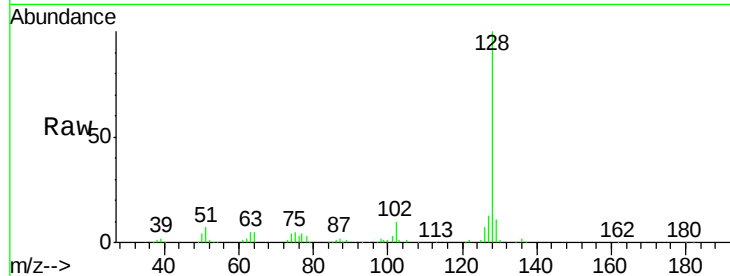
#31
Naphthalene
Concen: 35.93 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

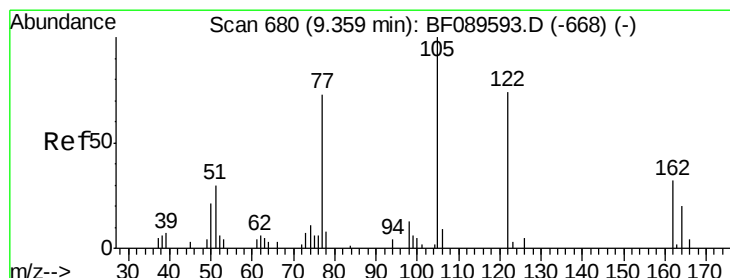
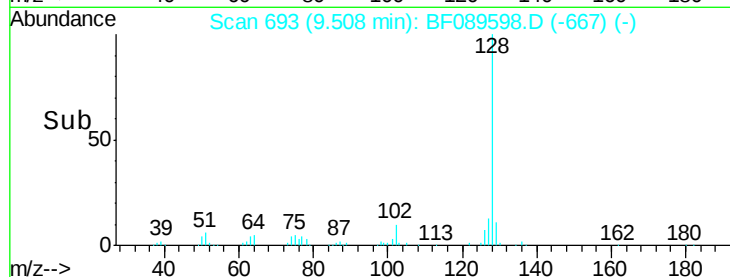
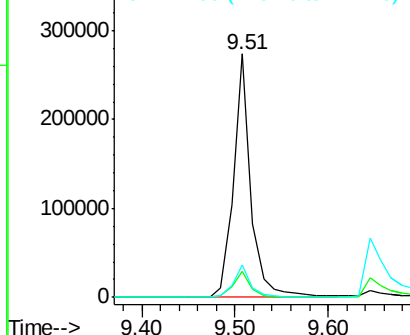
Tot Ion	Ratio	Resp	Lower	Upper
128	100	357948		
129	10.8		8.7	13.1
127	13.3		10.9	16.3

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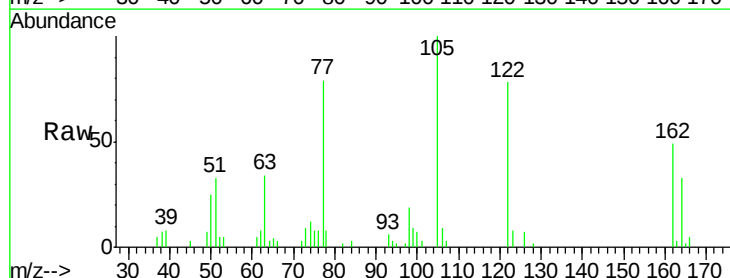


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

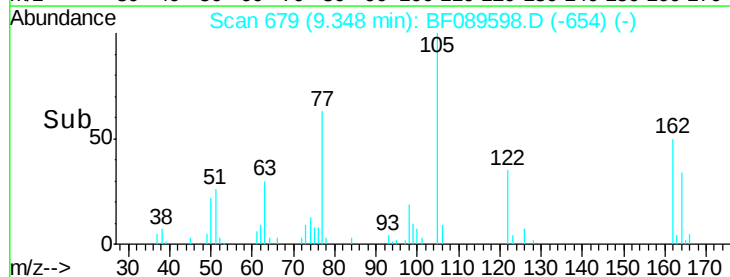
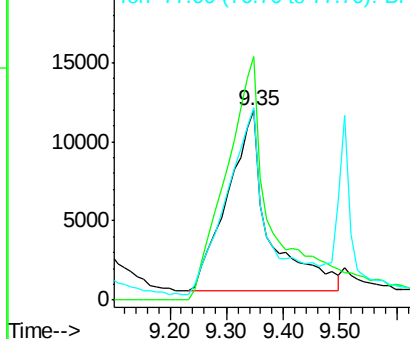


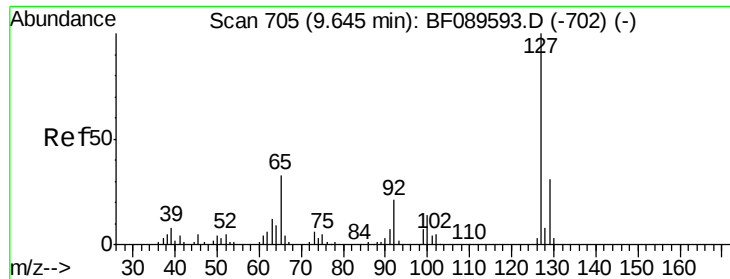
#32
Benzoic acid
Concen: 35.07 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	58505		
105	128.4		109.9	149.9
77	101.4		77.5	117.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





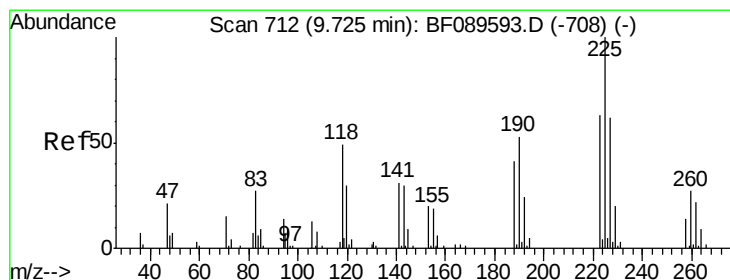
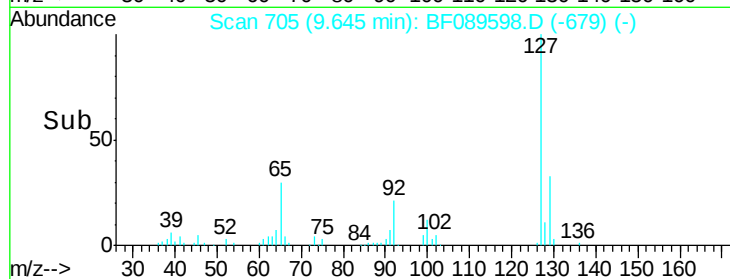
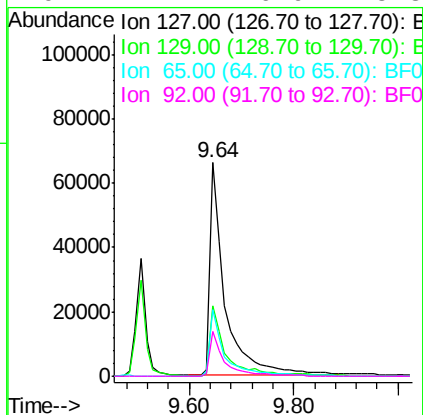
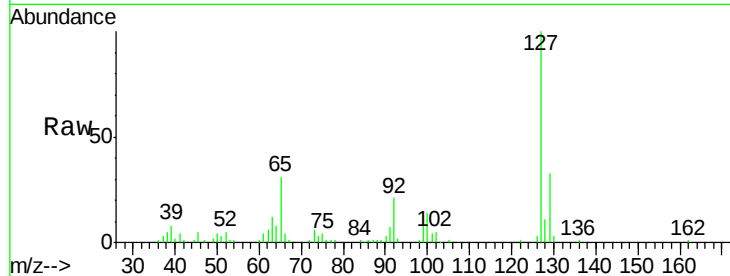
#33
4-Chloroaniline
Concen: 35.29 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	Ratio	Resp	Lower	Upper
127	100	132021		
129	32.7		25.1	37.7
65	31.2		26.2	39.2
92	21.2		16.9	25.3

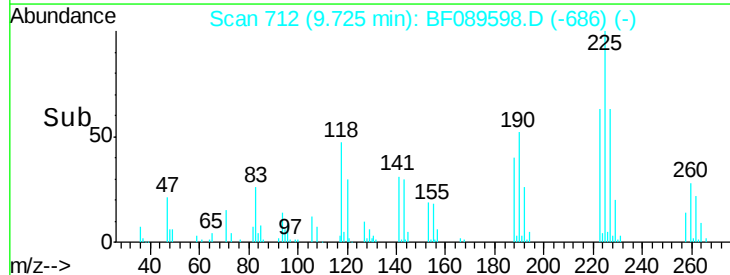
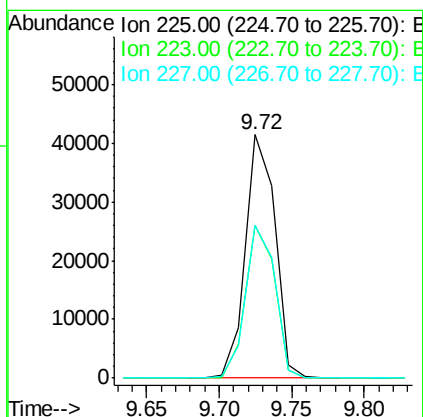
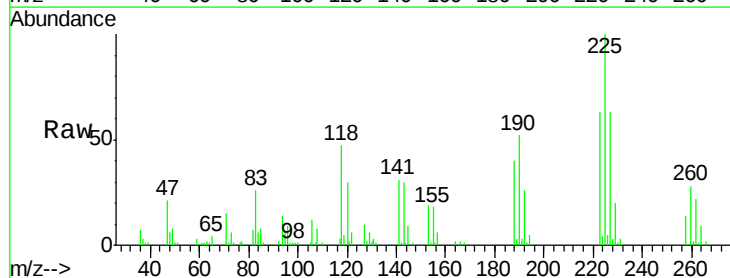
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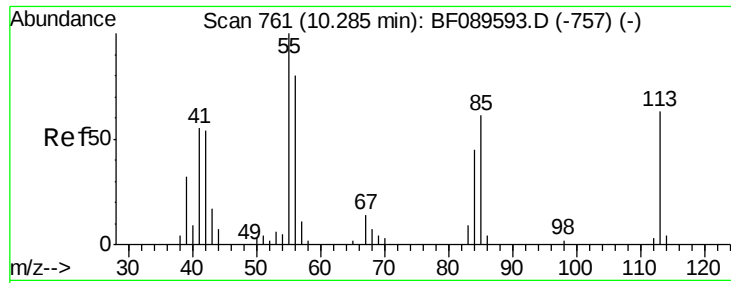
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#34
Hexachlorobutadiene
Concen: 35.68 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58958		
223	62.5		50.7	76.1
227	62.7		49.4	74.0





#35

Caprolactam

Concen: 37.99 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

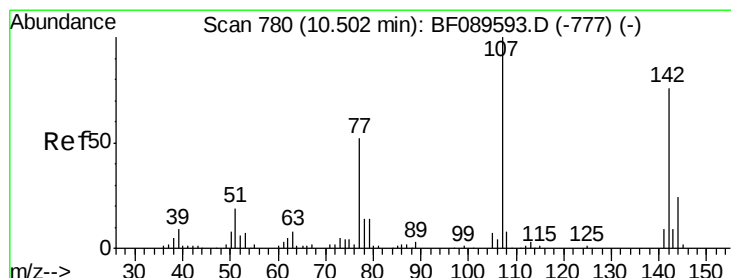
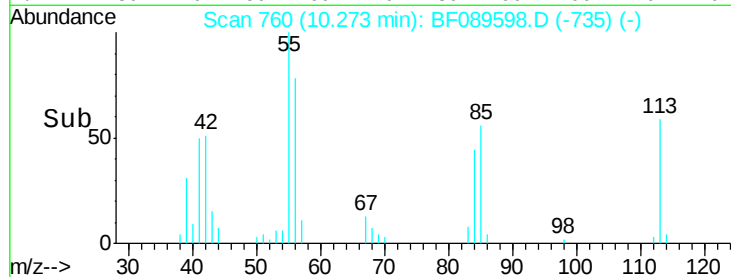
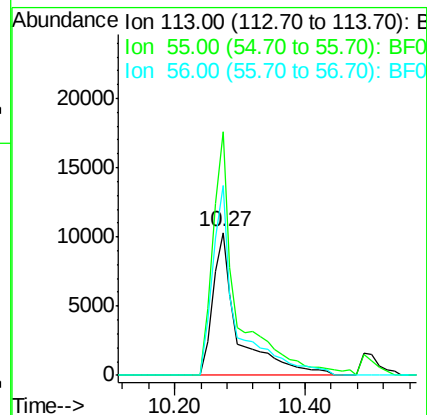
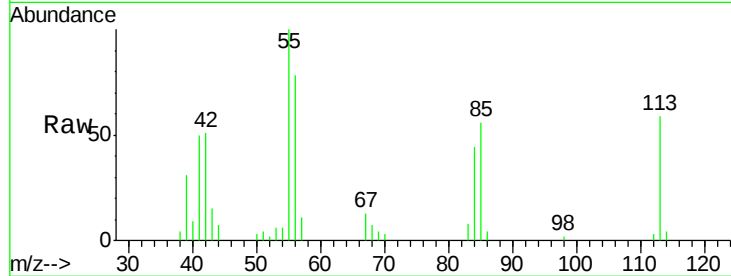
ClientSampleId :

ICVBF080416

Tot Ion:113 Resp: 27815
 Ion Ratio Lower Upper
 113 100
 55 170.4 139.6 179.6
 56 132.5 108.2 148.2

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#36

4-Chloro-3-methylphenol

Concen: 38.33 ng

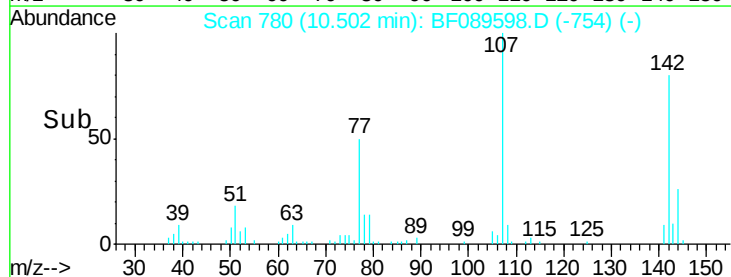
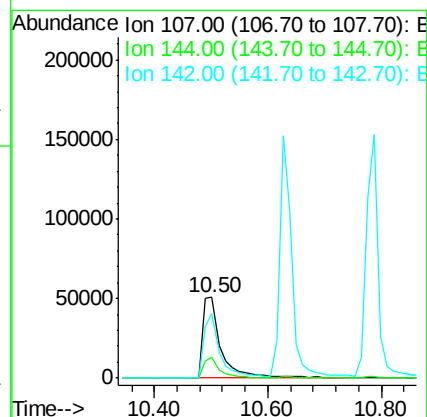
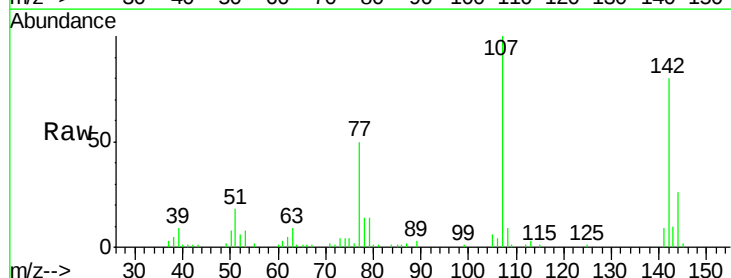
RT: 10.50 min Scan# 780

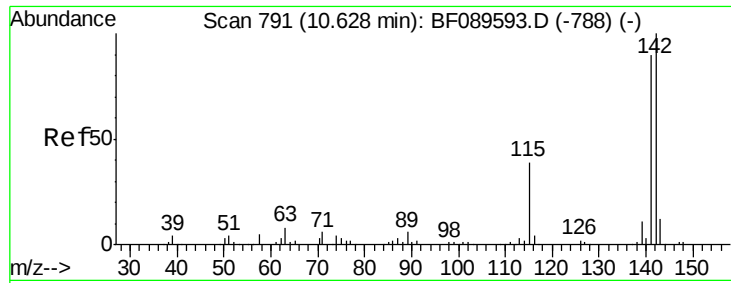
Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Tgt Ion:107 Resp: 111954
 Ion Ratio Lower Upper
 107 100
 144 26.4 18.9 28.3
 142 79.5 60.4 90.6





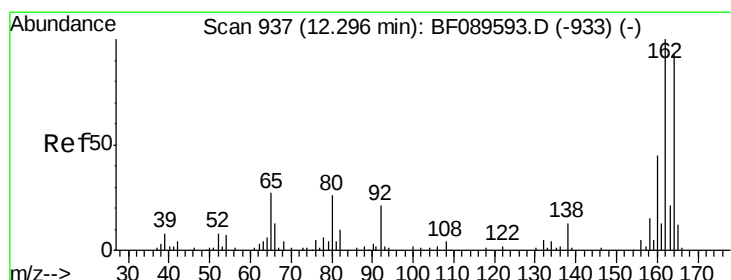
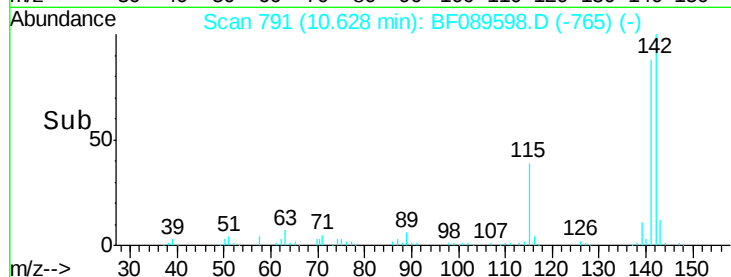
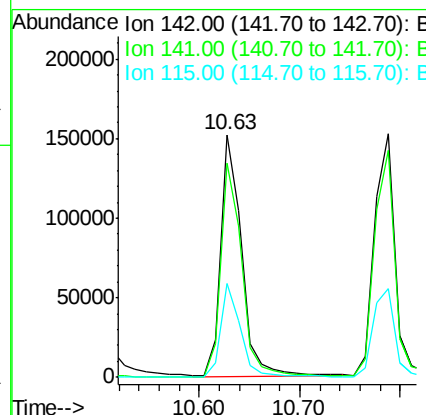
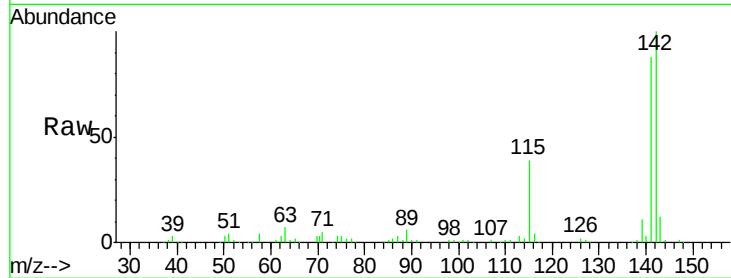
#37
2-Methylnaphthalene
Concen: 35.84 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.8	107.6
115	38.6	31.0	46.4

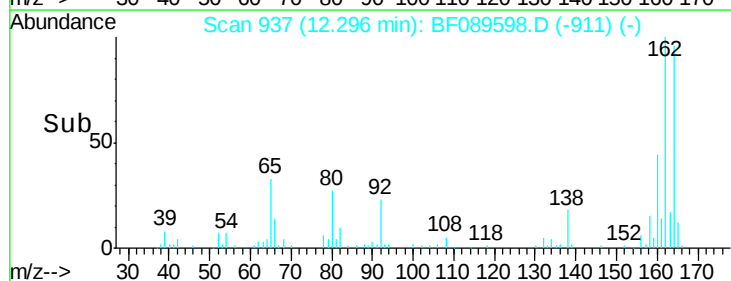
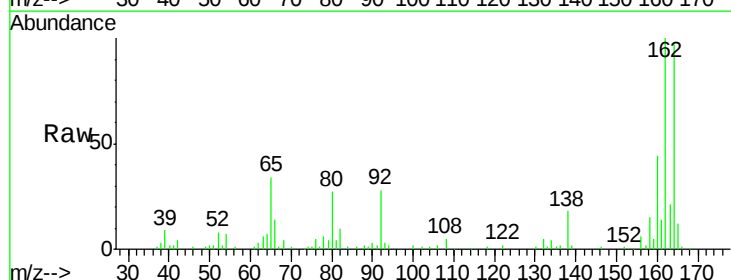
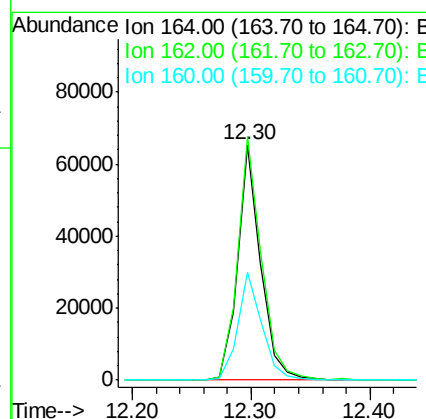
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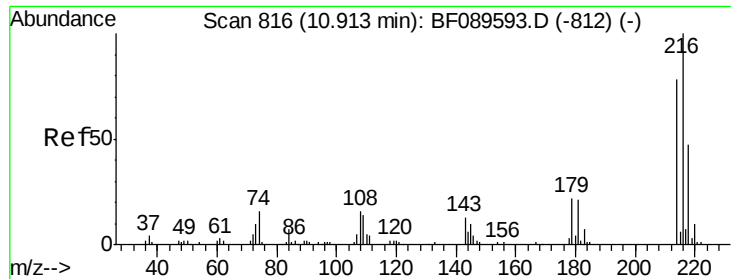
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.7	128.5
160	45.7	38.2	57.4





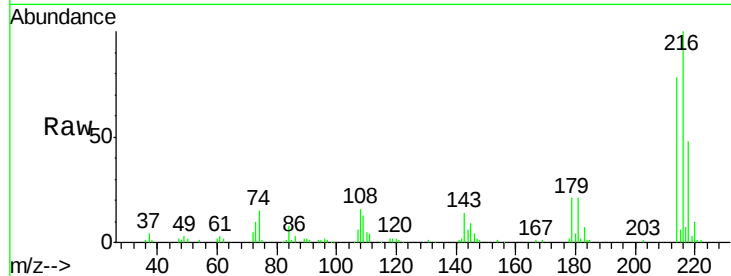
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.51 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

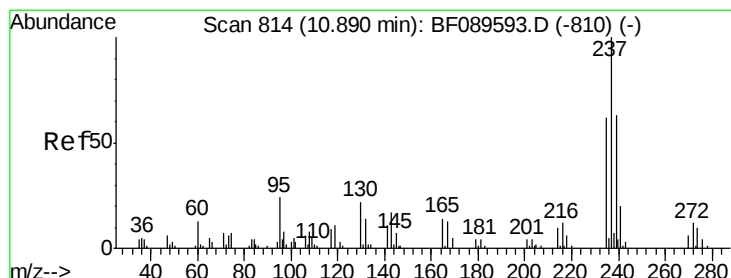
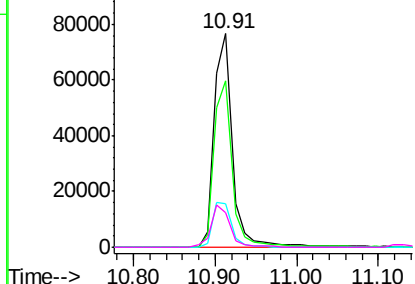
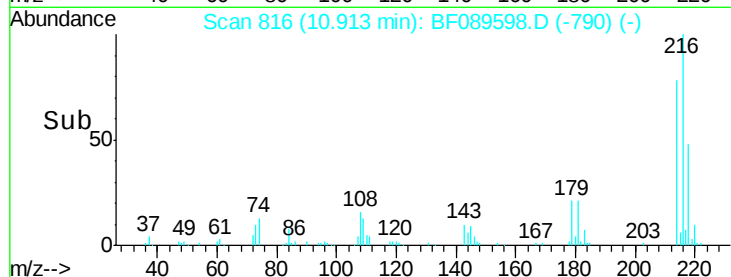
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		120587		
214	78.9	62.6	94.0		
179	22.1	17.8	26.8		
108	20.4	16.3	24.5		

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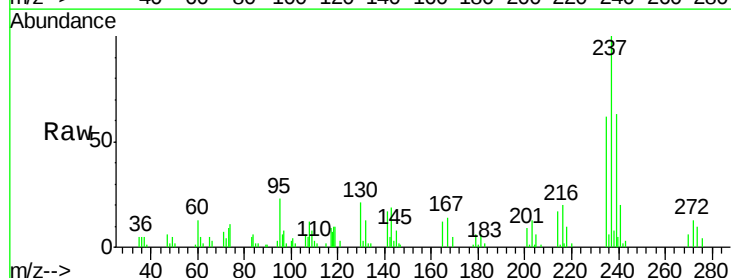


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

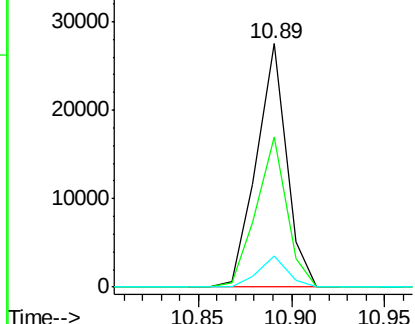
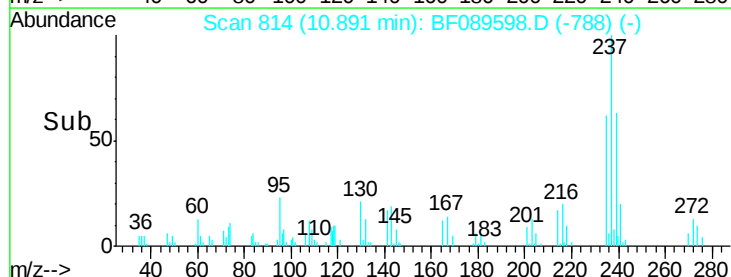


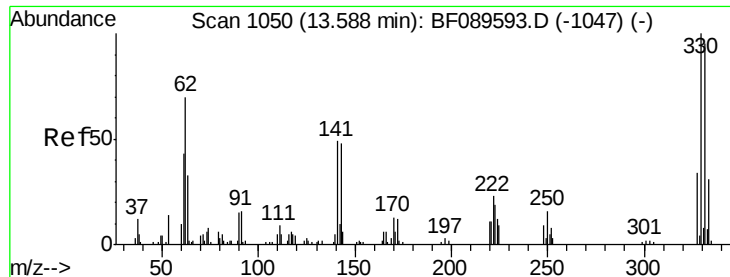
#40
 Hexachlorocyclopentadiene
 Concen: 32.98 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		30840		
235	61.6	41.9	81.9		
272	12.6	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





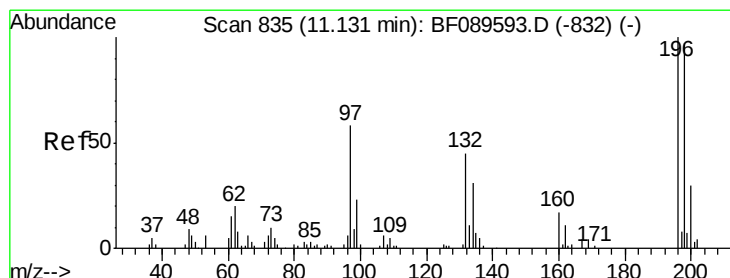
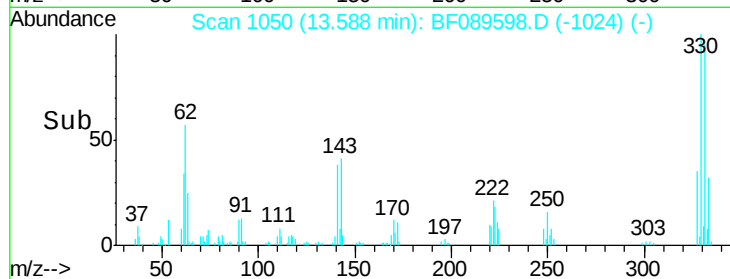
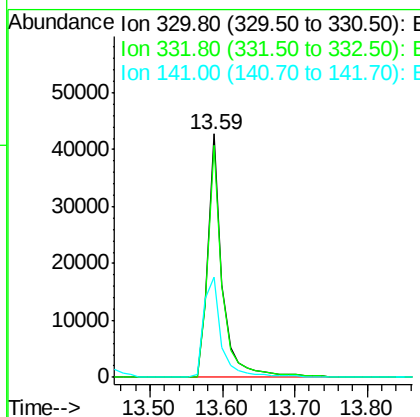
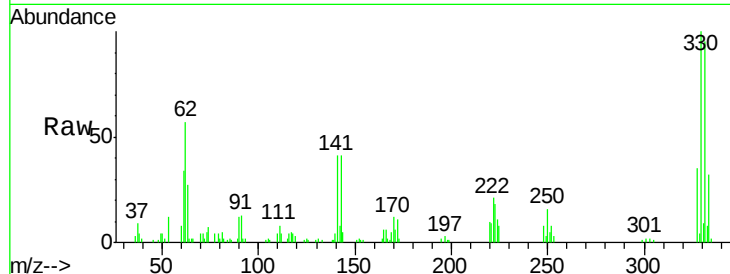
#41
 2,4,6-Tribromophenol
 Concen: 82.00 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	50.2	38.6	57.8

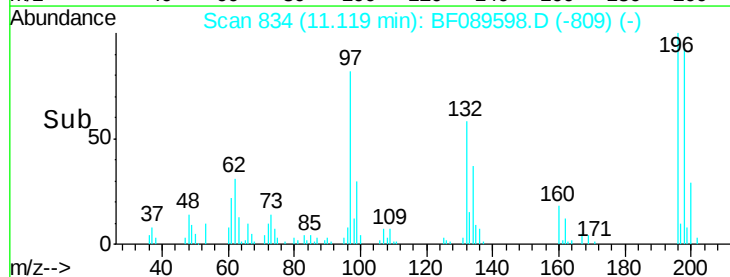
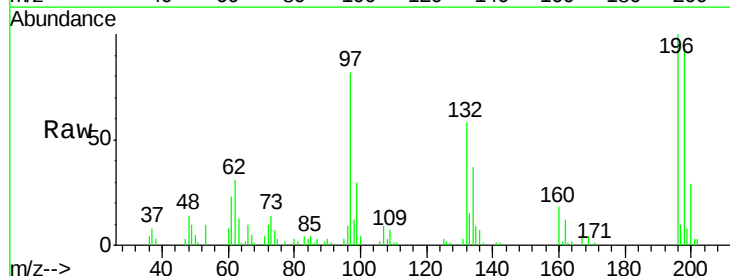
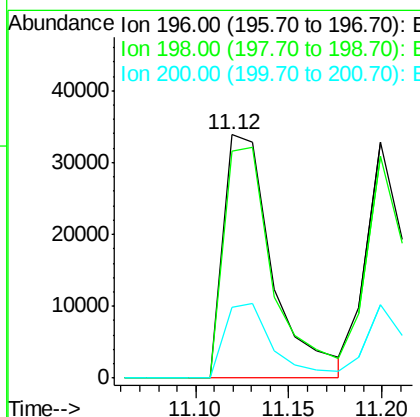
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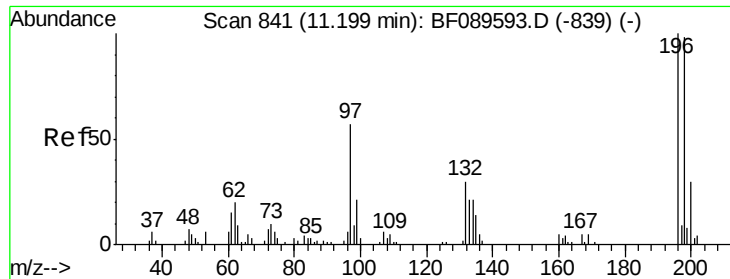
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#42
 2,4,6-Trichlorophenol
 Concen: 38.54 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	77.6	116.4
200	28.9	23.8	35.8





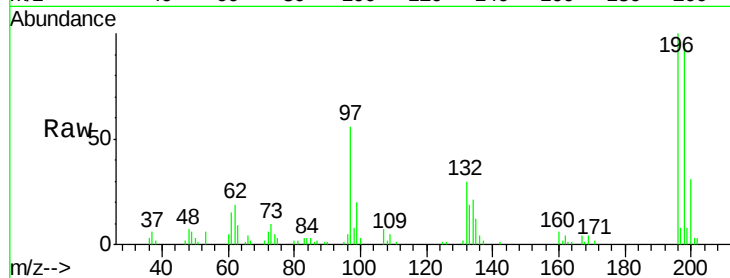
#43
 2,4,5-Trichlorophenol
 Concen: 41.03 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

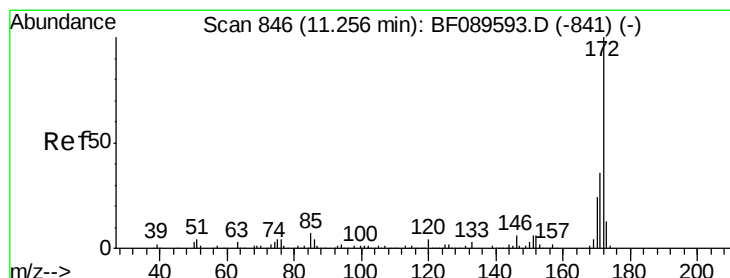
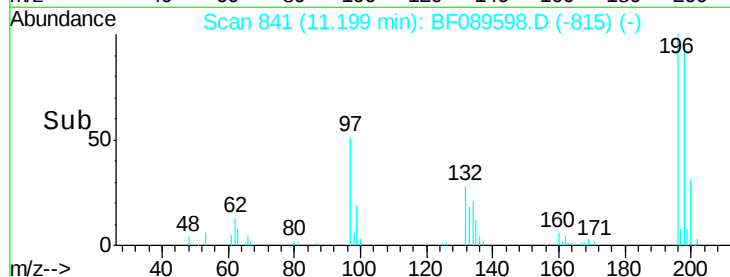
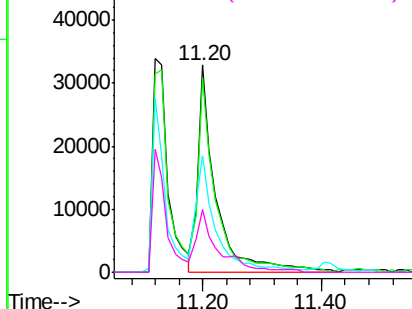
Tot Ion:	196	Resp:	71431
Ion Ratio	Lower	Upper	
196	100		
198	94.1	77.8	116.6
97	55.9	45.8	68.6
132	30.4	25.1	37.7

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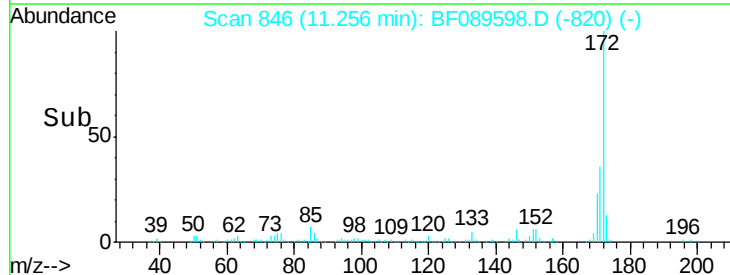
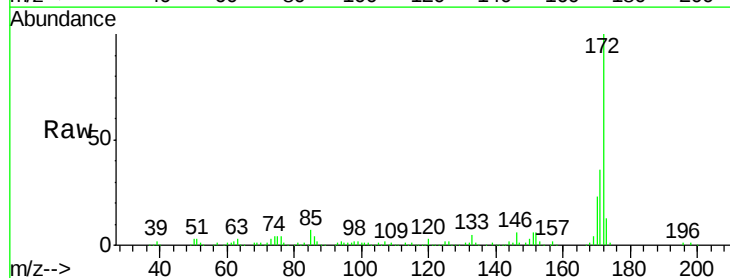
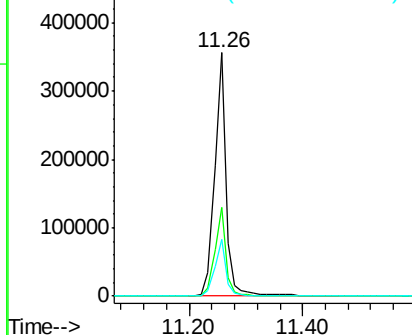
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

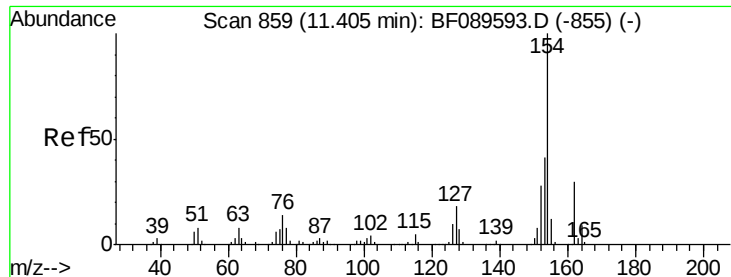


#44
 2-Fluorobiphenyl
 Concen: 72.33 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Tgt Ion:	172	Resp:	489071
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.9	43.3
170	23.2	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: 37.32 ng

RT: 11.40 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

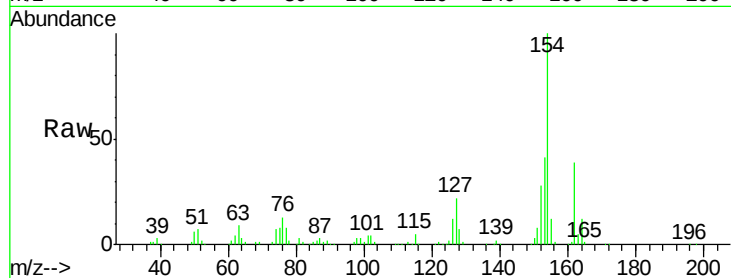
ClientSampleId :

ICVBF080416

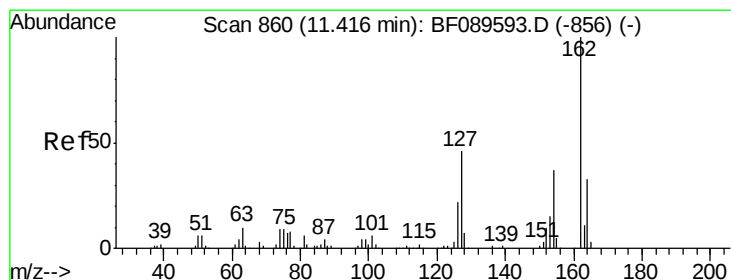
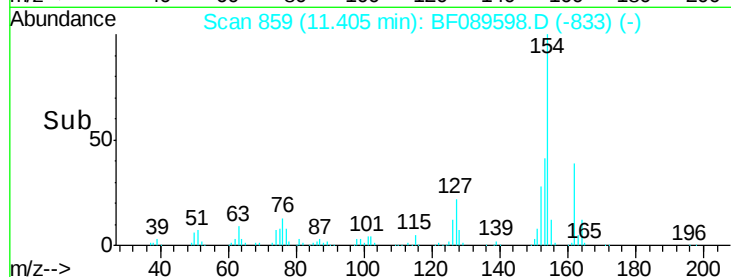
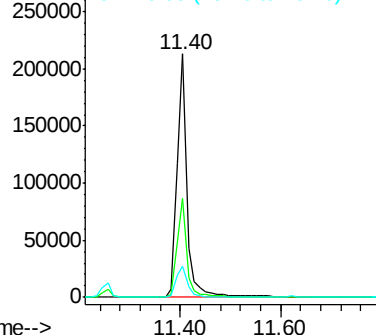
Tot Ion:	154	Resp:	295756
Ion Ratio		Lower	Upper
154	100		
153	40.7	20.6	60.6
76	13.0	0.0	33.7

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



#46

2-Chloronaphthalene

Concen: 37.20 ng

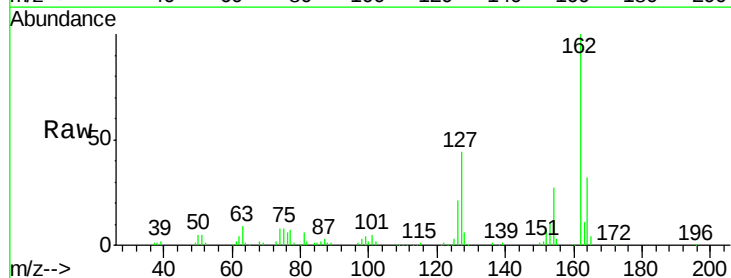
RT: 11.42 min Scan# 860

Delta R.T. 0.00 min

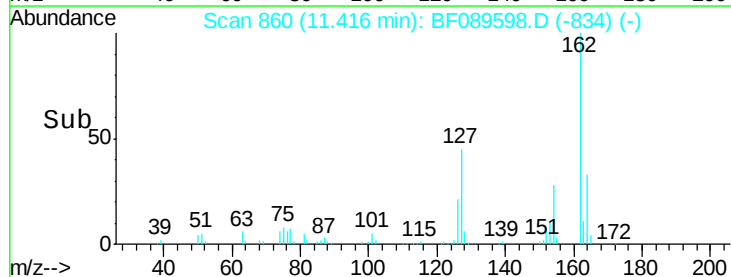
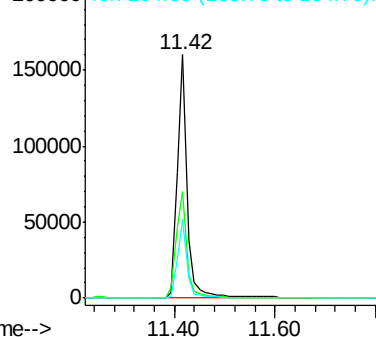
Lab File: BF089598.D

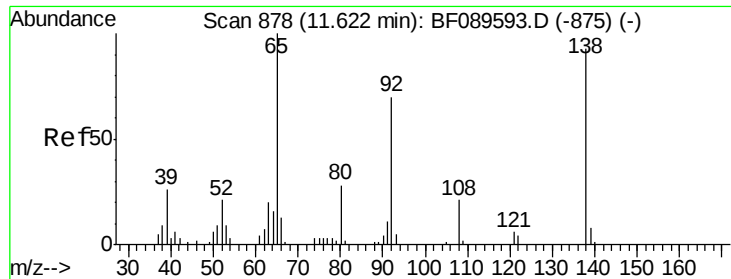
Acq: 4 Aug 2016 20:15

Tgt Ion:	162	Resp:	221013
Ion Ratio		Lower	Upper
162	100		
127	43.7	36.6	54.8
164	32.1	26.8	40.2



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





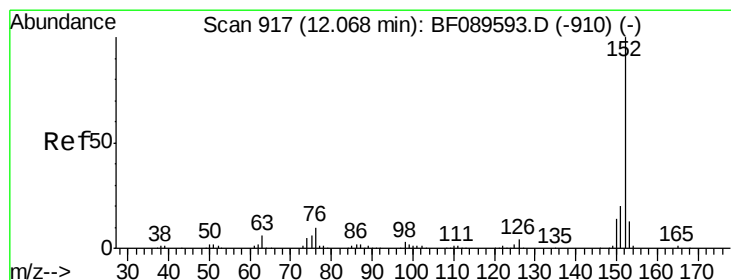
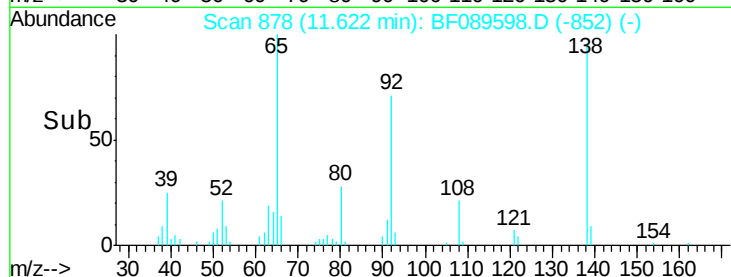
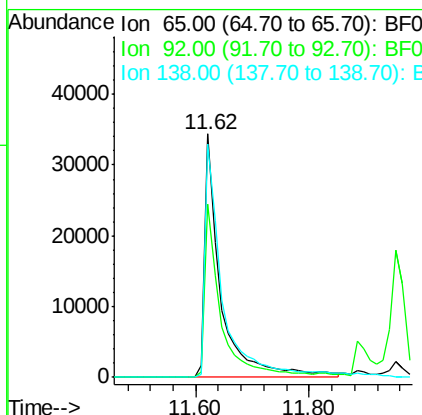
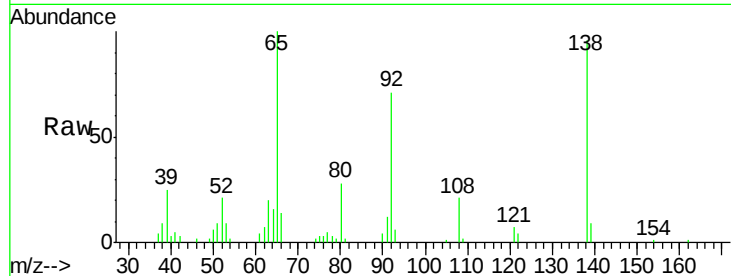
#47
2-Nitroaniline
Concen: 34.45 ng
RT: 11.62 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.1	56.3	84.5
138	95.7	74.3	111.5

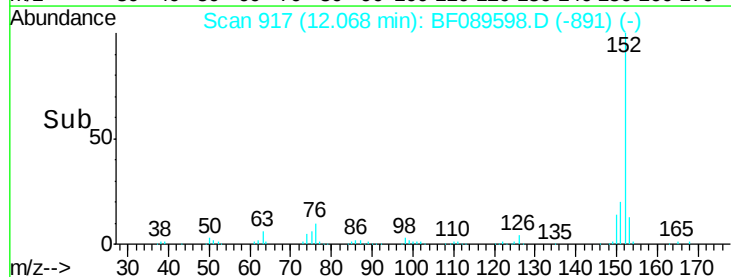
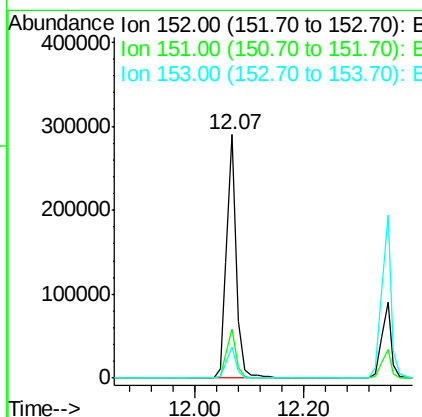
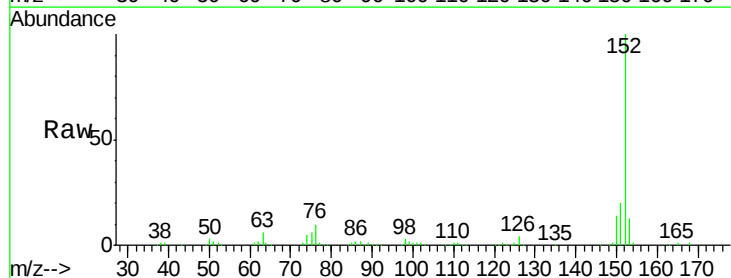
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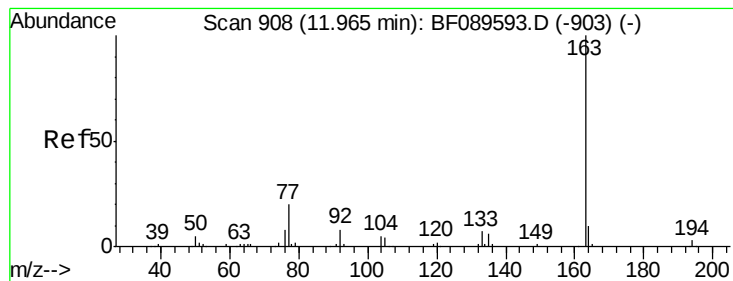
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#48
Acenaphthylene
Concen: 37.55 ng
RT: 12.07 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	12.6	10.5	15.7





#49

Dimethylphthalate

Concen: 39.25 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

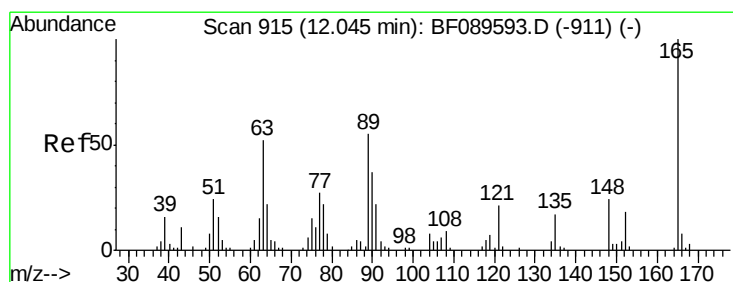
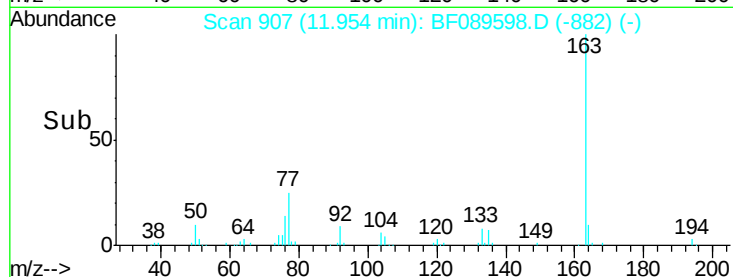
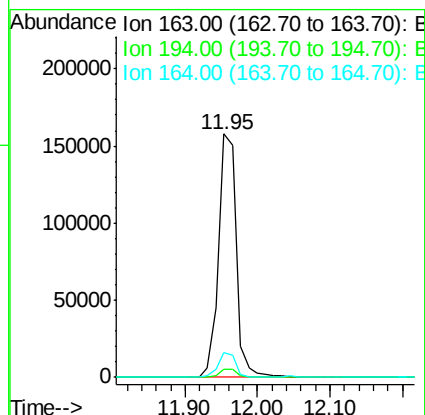
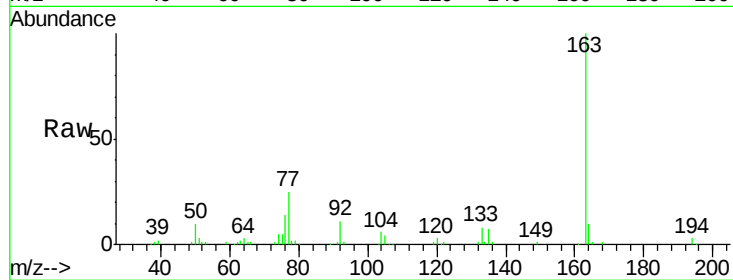
ClientSampleId :

ICVBF080416

Tot Ion:	163	Resp:	270326
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.4	7.8	11.6

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#50

2,6-Dinitrotoluene

Concen: 41.06 ng

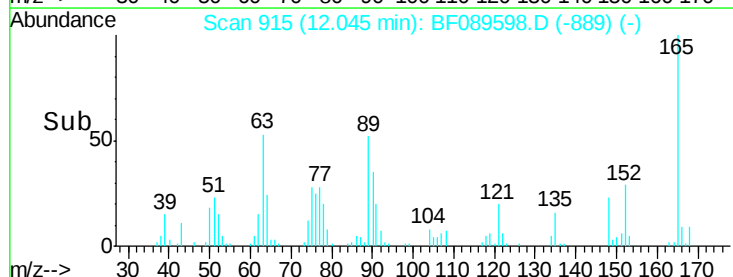
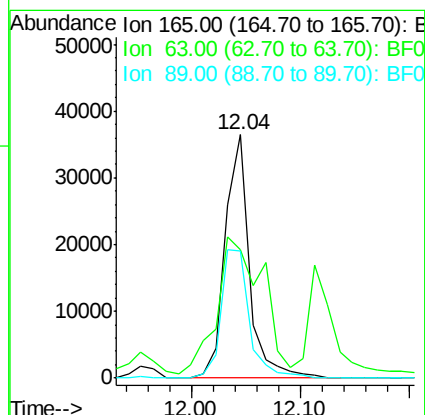
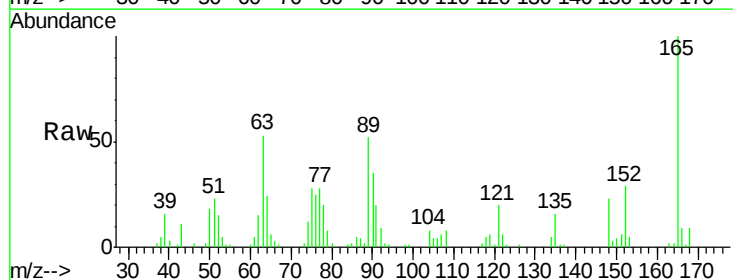
RT: 12.04 min Scan# 915

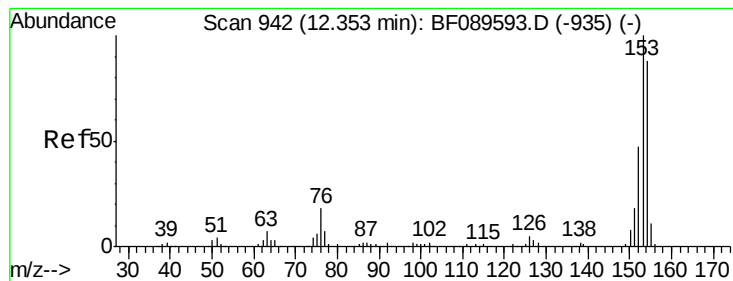
Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Tgt Ion:	165	Resp:	56230
Ion Ratio	Lower	Upper	
165	100		
63	52.8	44.6	67.0
89	52.0	44.2	66.2





#51

Acenaphthene

Concen: 37.77 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

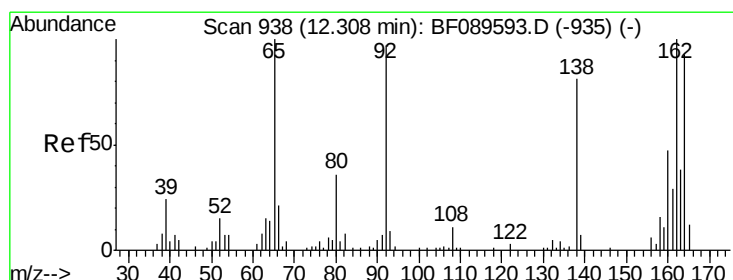
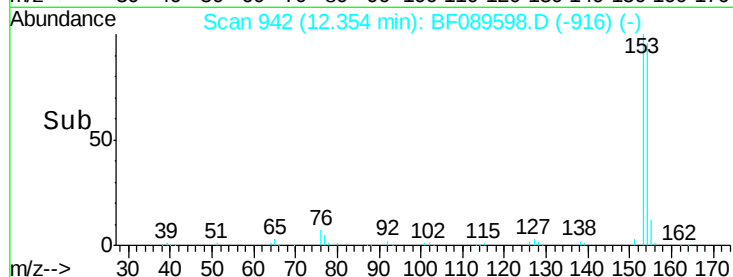
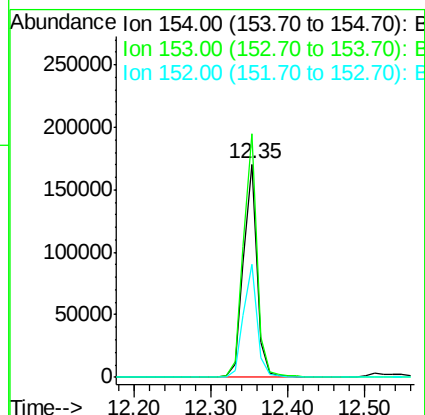
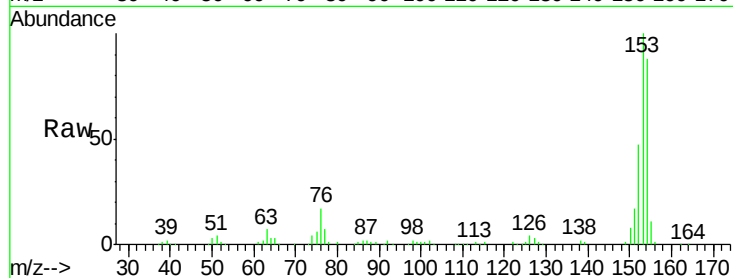
ClientSampleId :

ICVBF080416

Tot Ion:	154	Resp:	213538
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.1	136.7
152	53.3	43.5	65.3

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#52

3-Nitroaniline

Concen: 35.48 ng

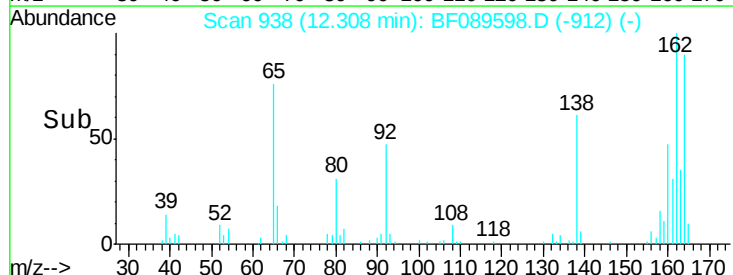
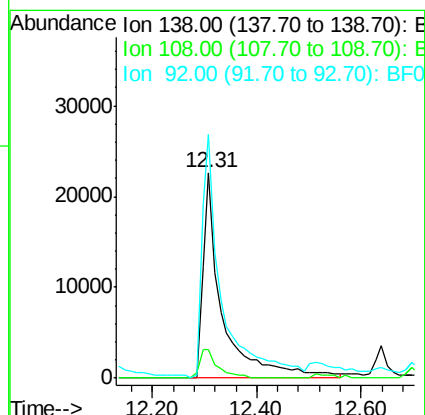
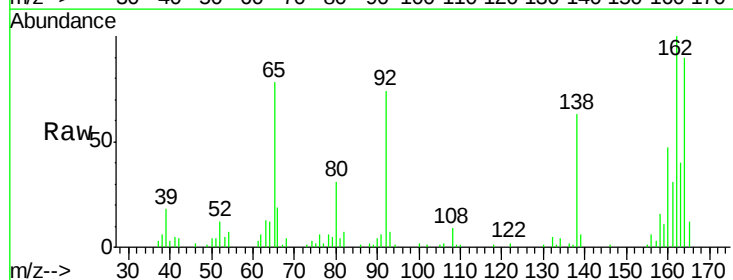
RT: 12.31 min Scan# 938

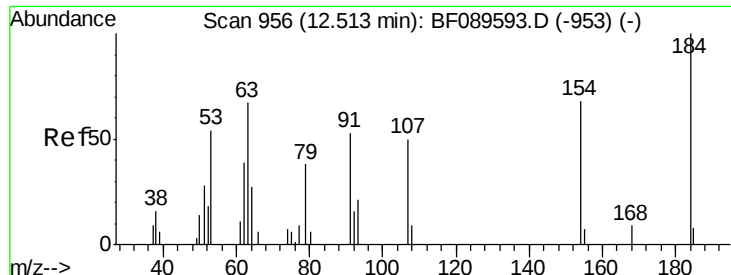
Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Tgt Ion:	138	Resp:	58119
Ion Ratio	Lower	Upper	
138	100		
108	14.1	10.7	16.1
92	118.4	96.6	145.0





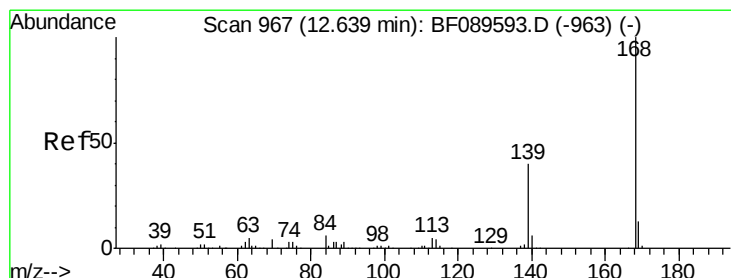
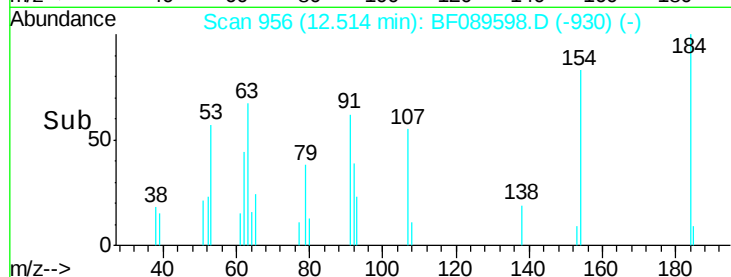
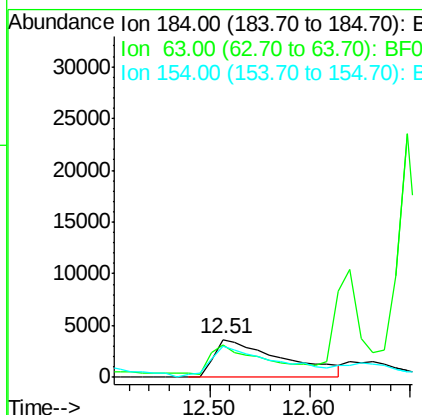
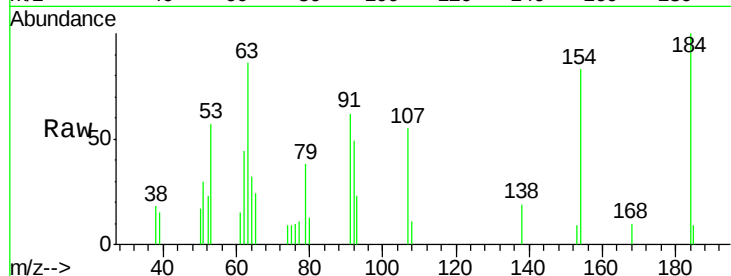
#53
2,4-Dinitrophenol
Concen: 37.49 ng
RT: 12.51 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	Ratio	Resp	Lower	Upper
184	100	17081		
63	85.9	59.0	88.6	
154	83.0	60.0	90.0	

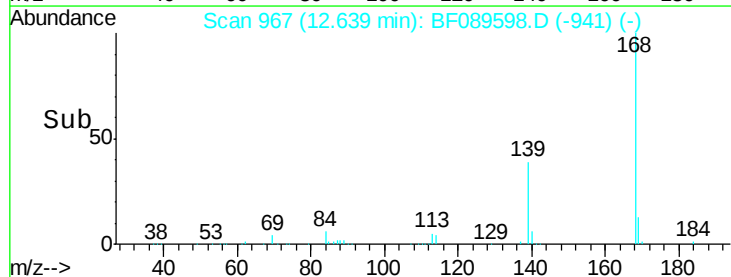
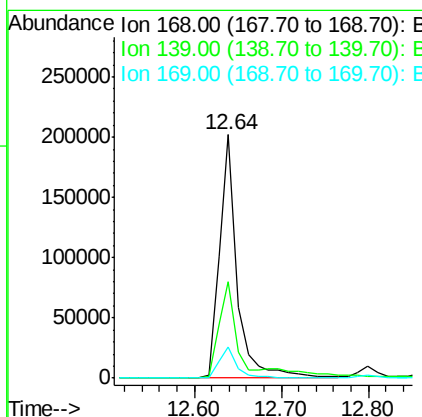
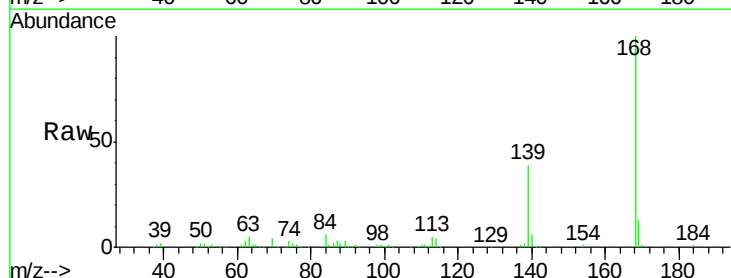
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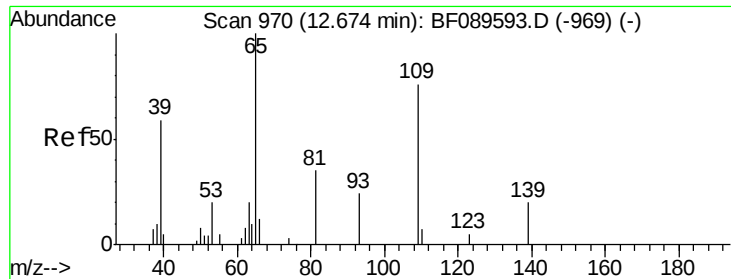
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#54
Dibenzofuran
Concen: 37.40 ng
RT: 12.64 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	290630		
139	39.4	32.3	48.5	
169	12.9	10.6	15.8	





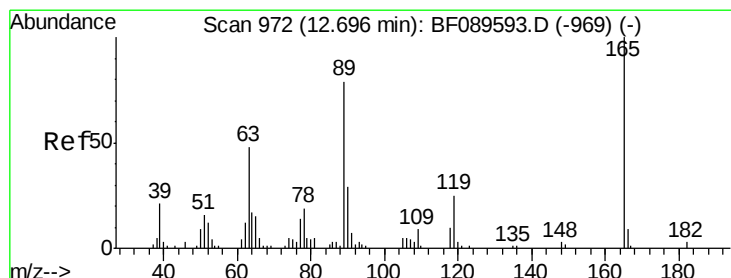
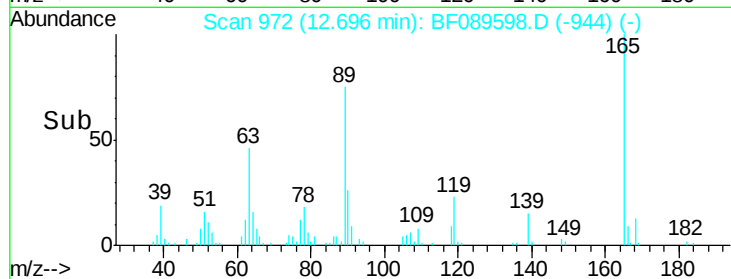
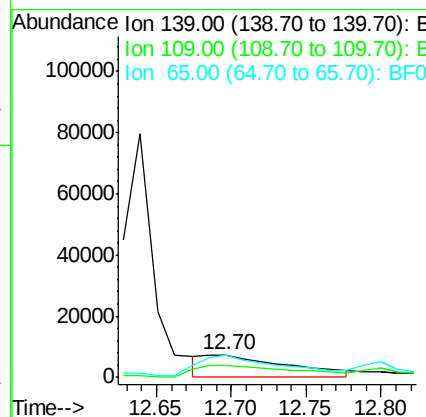
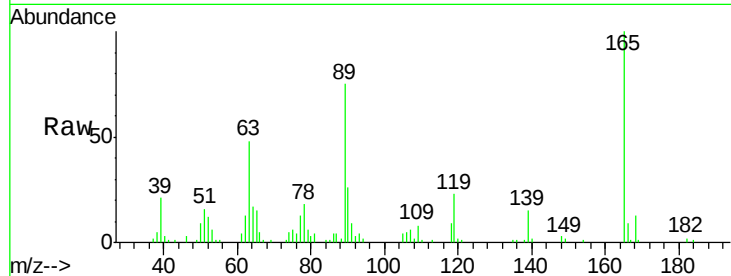
#55
4-Nitrophenol
Concen: 30.83 ng/ml
RT: 12.70 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	51.9	28.9	68.9	
65	101.3	49.2	89.2	

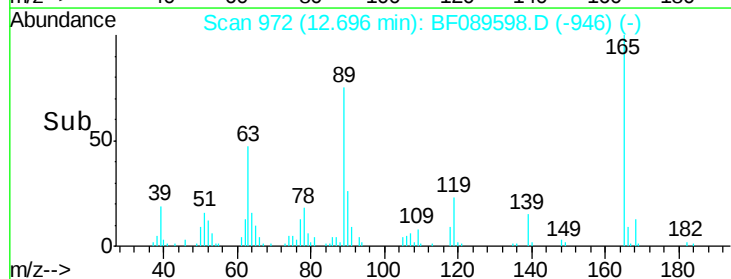
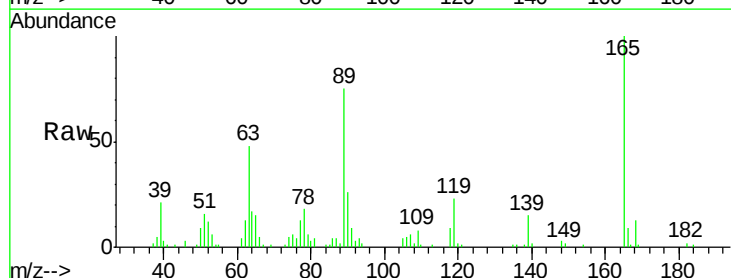
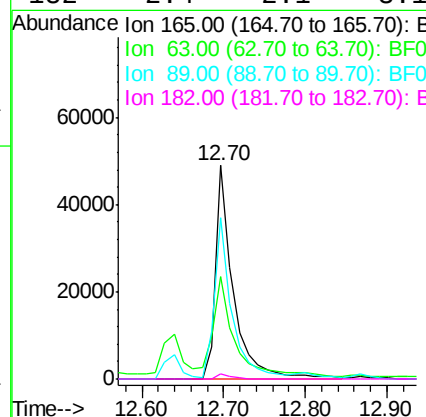
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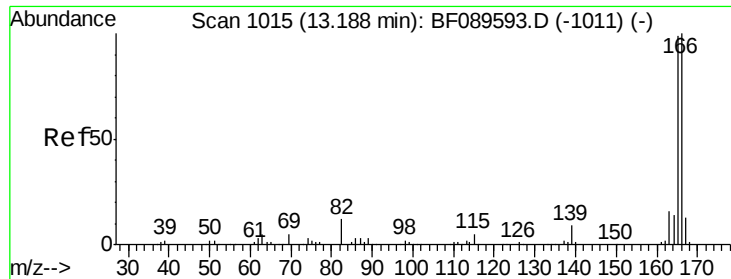
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#56
2,4-Dinitrotoluene
Concen: 38.95 ng/ml
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.0	42.2	63.4	
89	75.4	64.4	96.6	
182	2.4	2.1	3.1	





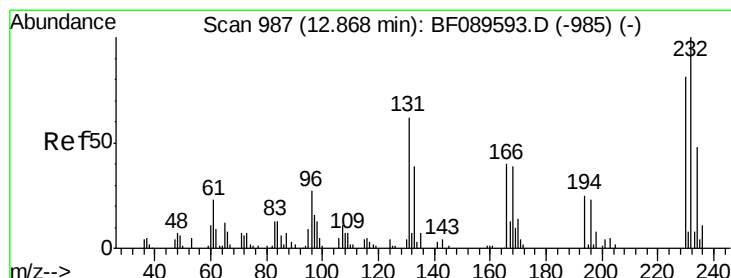
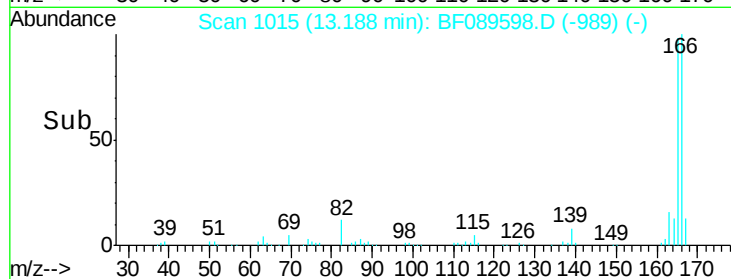
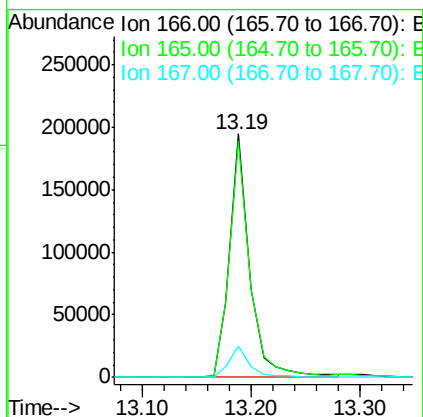
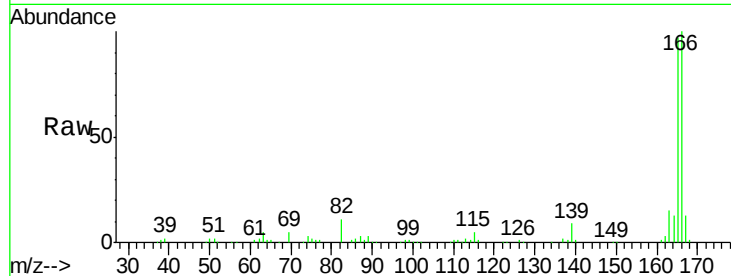
#57
Fluorene
 Concen: 37.71 ng
 RT: 13.19 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		250529		
165	97.0	78.9	118.3		
167	12.7	10.4	15.6		

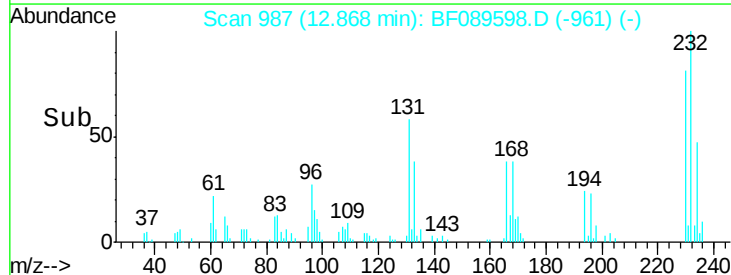
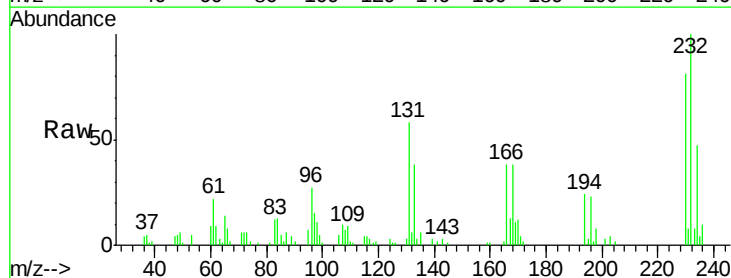
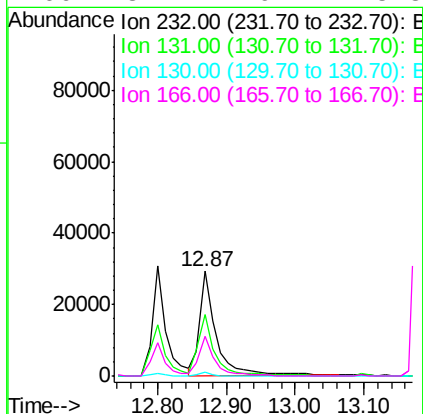
Manual Integrations
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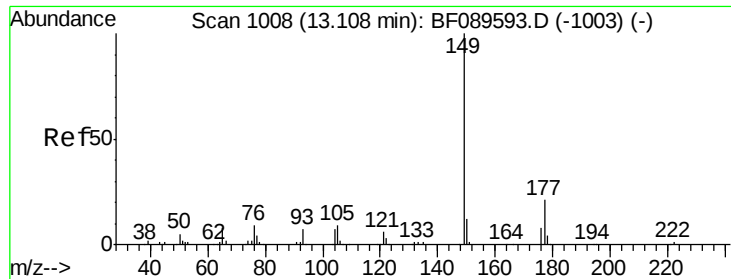
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.09 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		47699		
131	61.5	46.2	69.2		
130	2.5	1.7	2.5		
166	37.2	29.2	43.8		





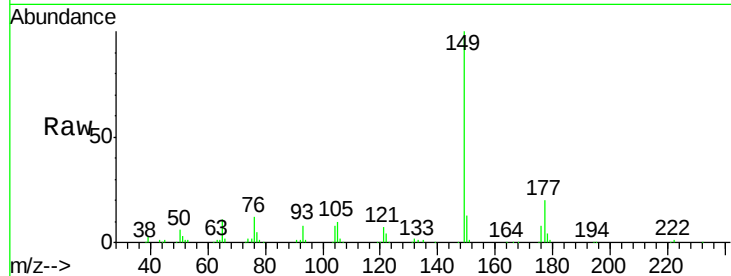
#59
Diethylphthalate
Concen: 38.42 ng
RT: 13.10 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

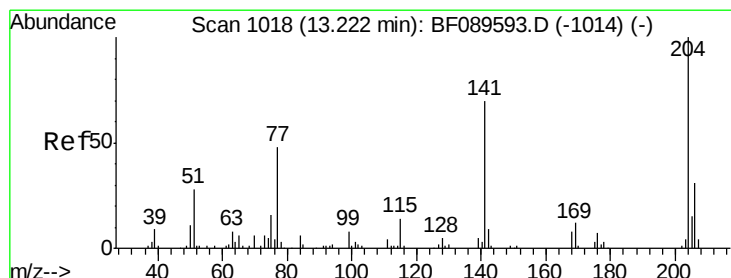
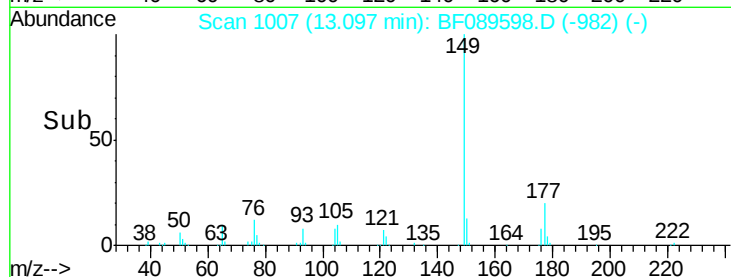
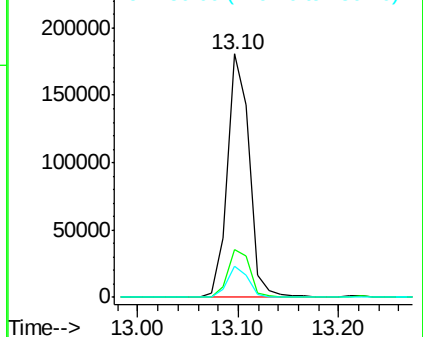
Tot Ion	Ratio	Resp	Lower	Upper
149	100	273680		
177	19.6		16.8	25.2
150	12.8		9.6	14.4

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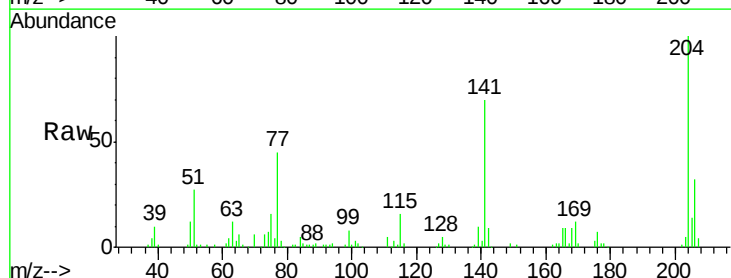


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

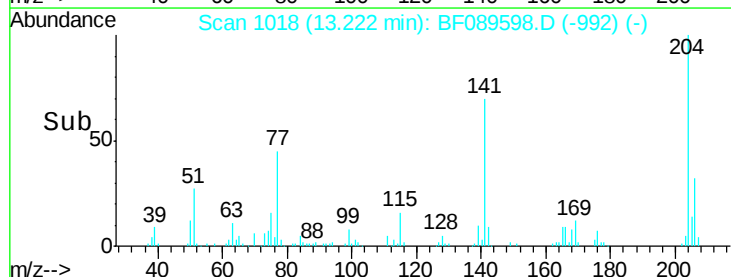
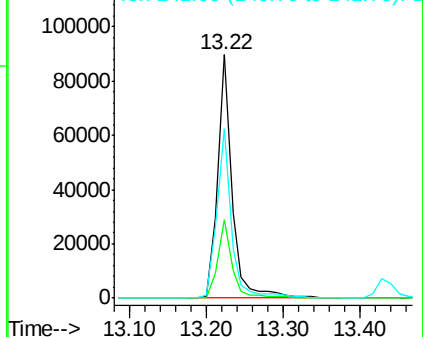


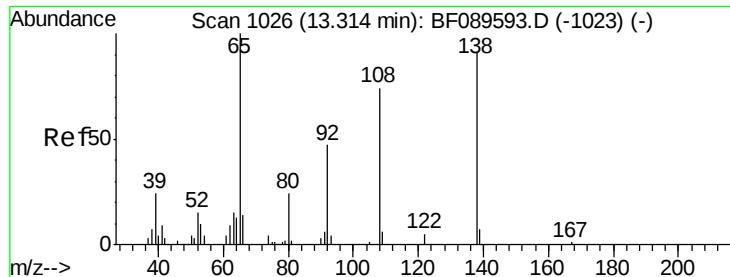
#60
4-Chlorophenyl-phenylether
Concen: 39.02 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	118851		
206	32.2		25.0	37.4
141	69.8		56.2	84.4



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





#61

4-Nitroaniline

Concen: 37.24 ng

RT: 13.30 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

ClientSampleId :

ICVBF080416

Tot Ion:138 Resp: 54848

Ion Ratio Lower Upper

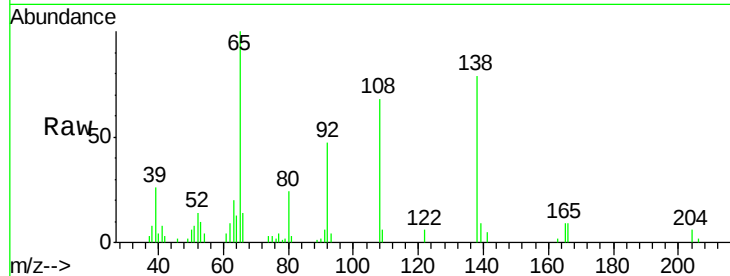
138 100

92 59.9 31.6 71.6

108 87.1 61.5 101.5

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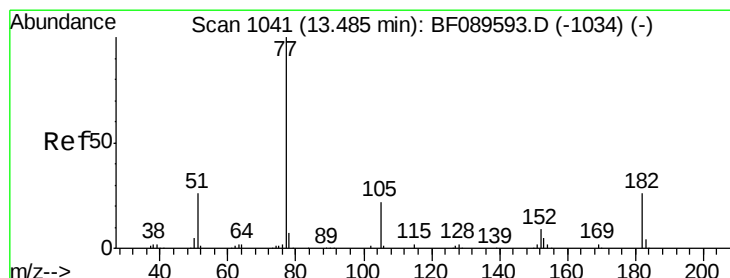
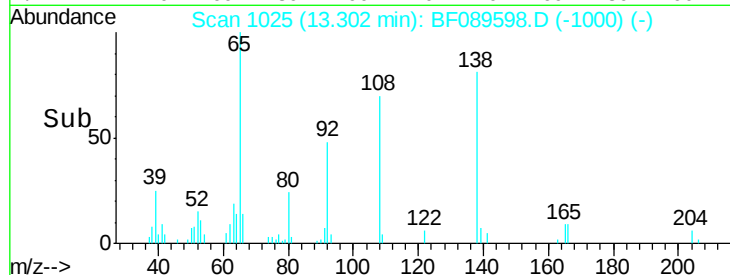
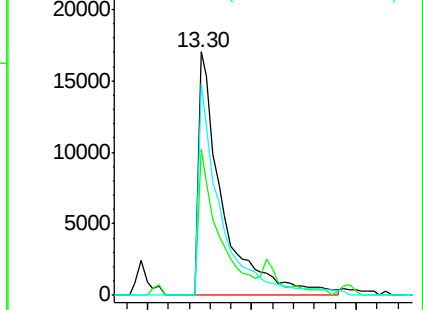
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.67 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Tgt Ion: 77 Resp: 266420

Ion Ratio Lower Upper

77 100

182 18.0 5.8 45.8

105 20.7 2.9 42.9

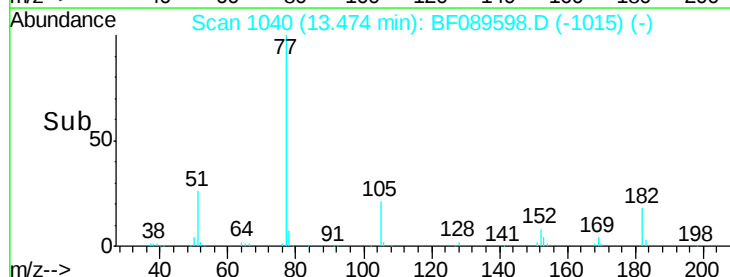
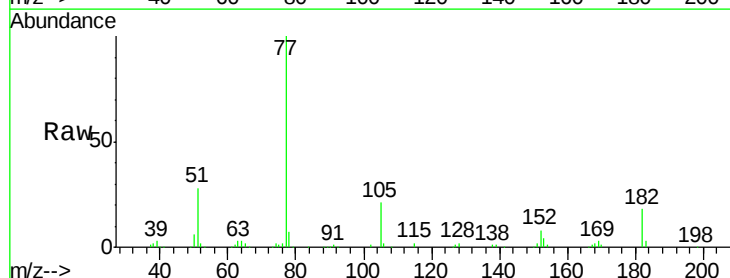
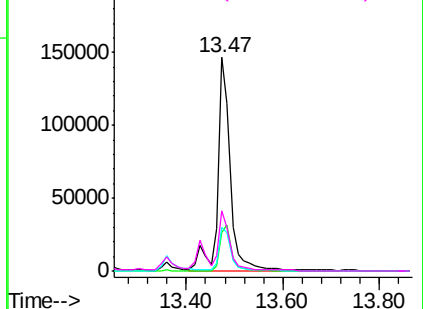
51 28.5 7.2 47.2

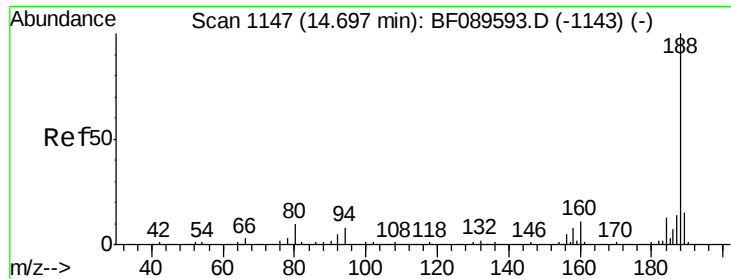
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





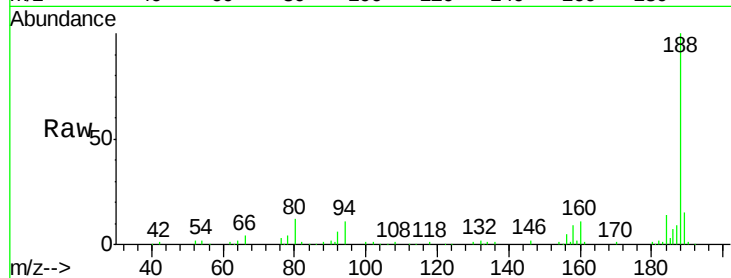
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	Ratio	Resp	Lower	Upper
188	100	172202		
94	10.9	6.5	9.7#	
80	12.2	8.0	12.0#	

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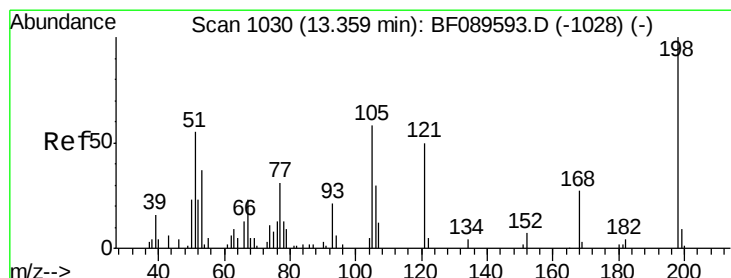
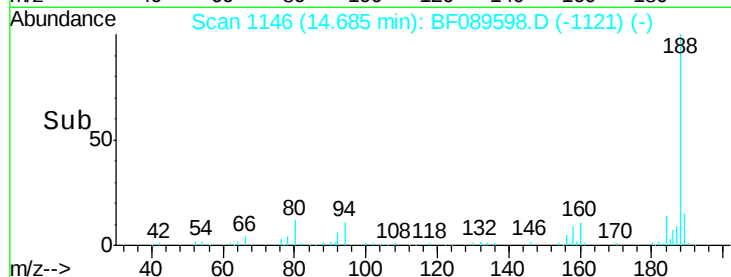
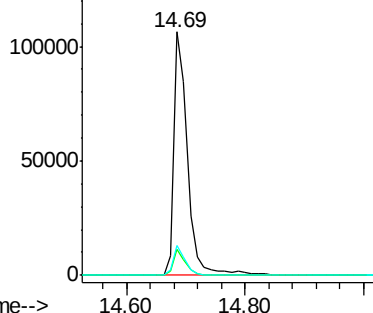
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



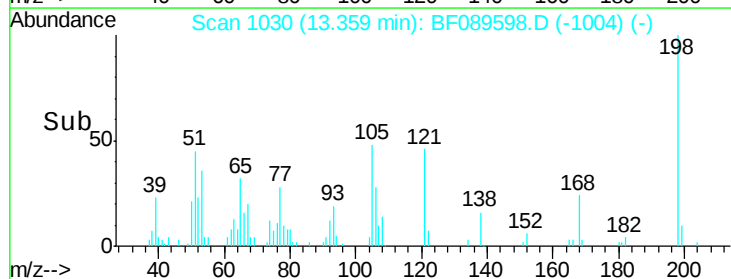
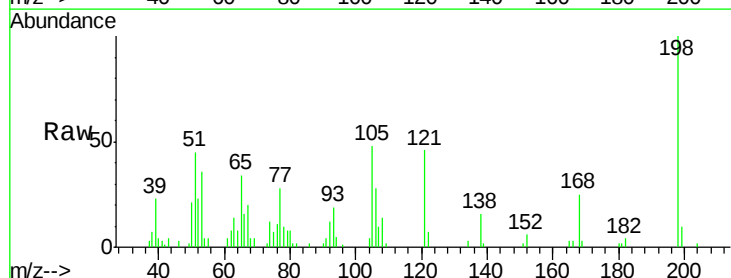
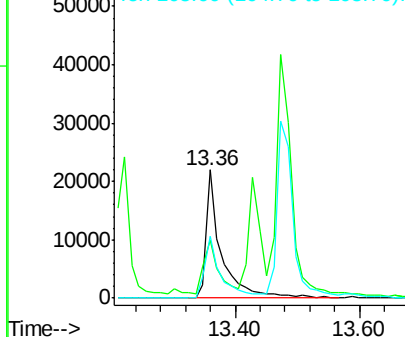
#64
4,6-Dinitro-2-methylphenol
Concen: 36.73 ng
RT: 13.36 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

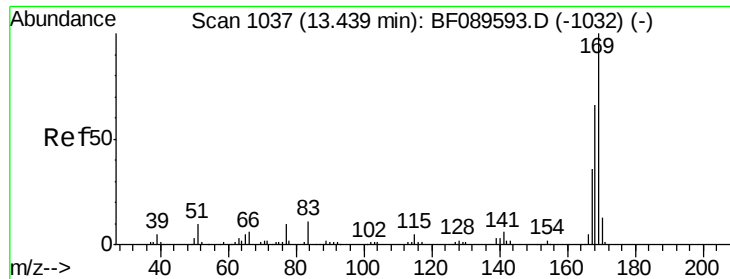
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	37209		
51	45.0	38.9	78.9	
105	48.3	38.1	78.1	

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





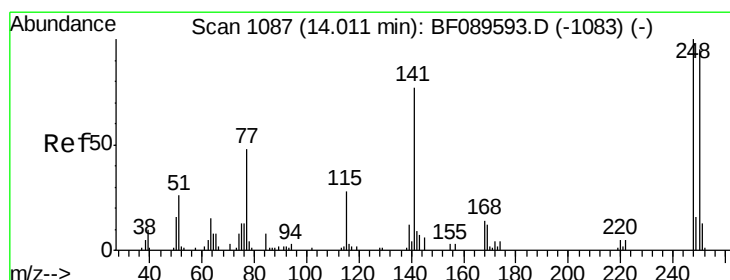
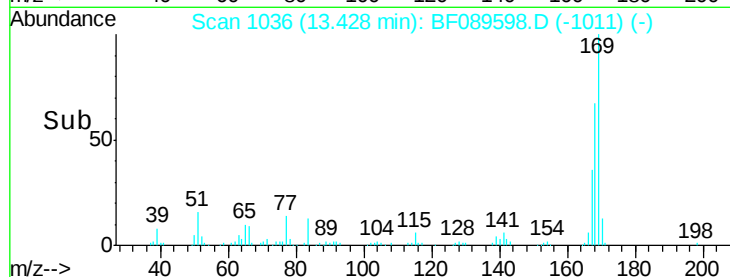
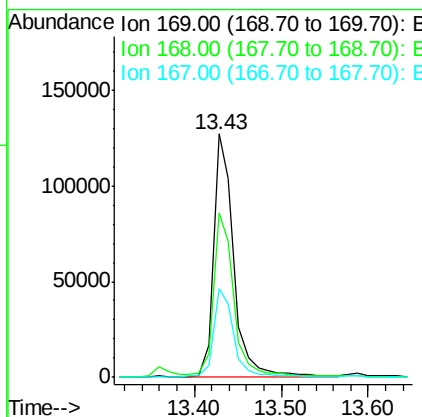
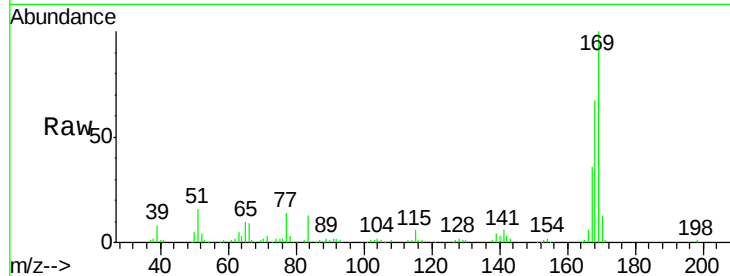
#65
 n-Nitrosodiphenylamine
 Concen: 35.78 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.3	54.2	81.2	
167	36.3	28.9	43.3	

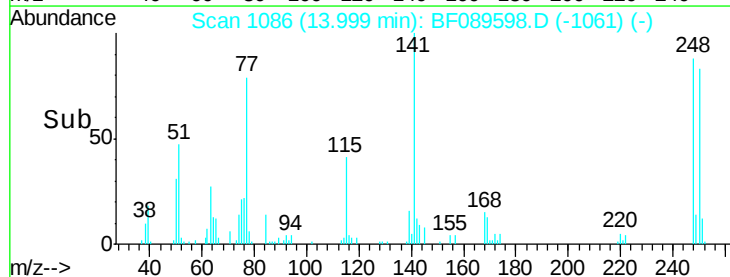
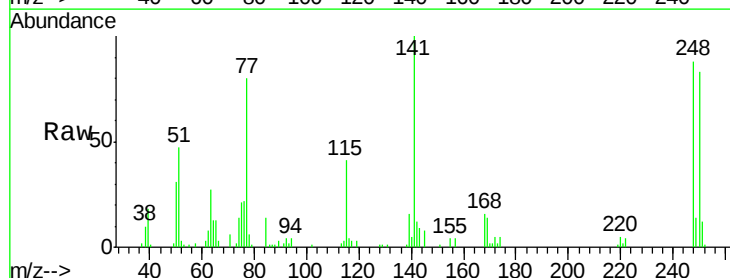
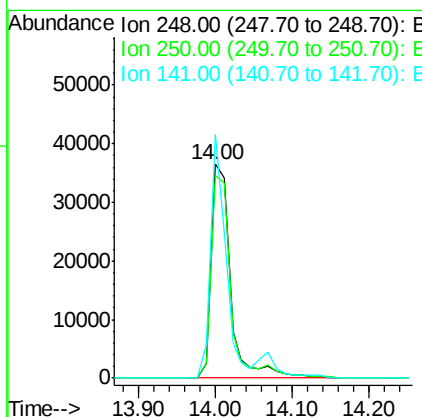
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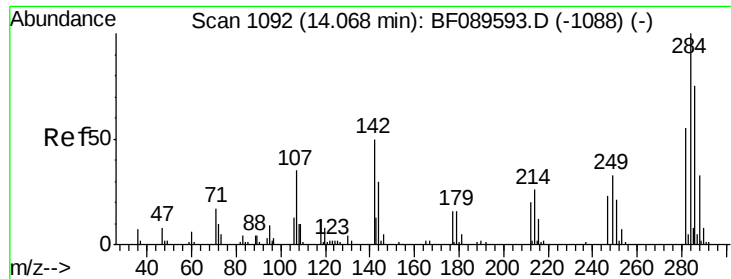
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#66
 4-Bromophenyl-phenylether
 Concen: 38.43 ng
 RT: 14.00 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	94.7	76.2	114.2	
141	113.8	61.3	91.9	





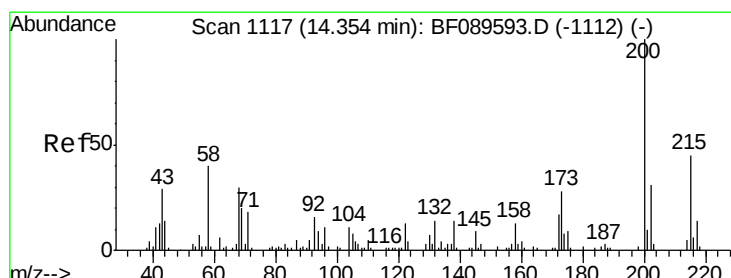
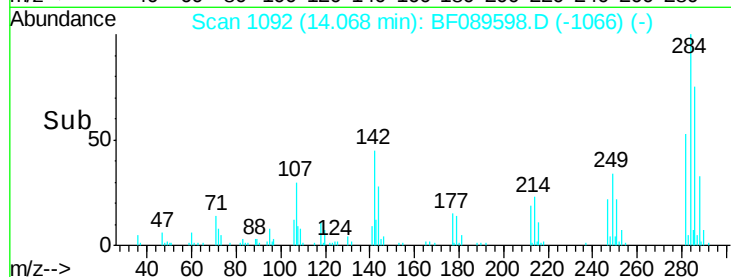
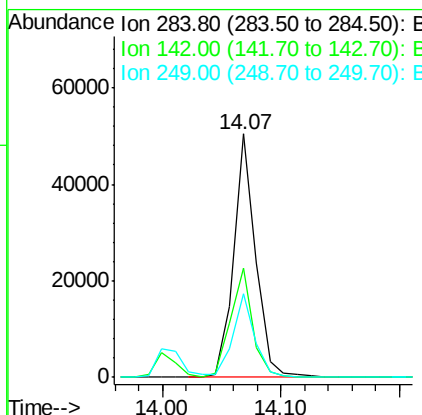
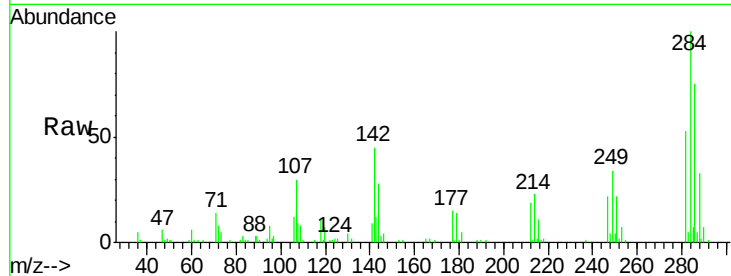
#67
Hexachlorobenzene
Concen: 35.43 ng
RT: 14.07 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	Ratio	Resp	Lower	Upper
284	100	64912		
142	45.0		41.4	62.0
249	34.3		28.6	43.0

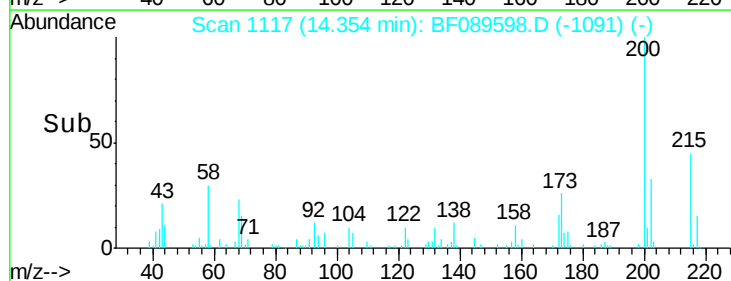
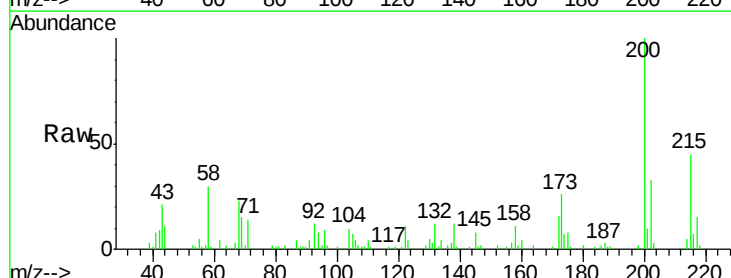
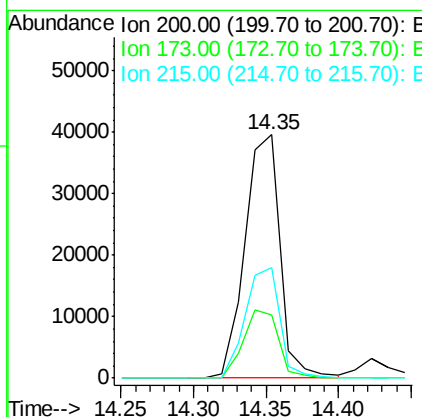
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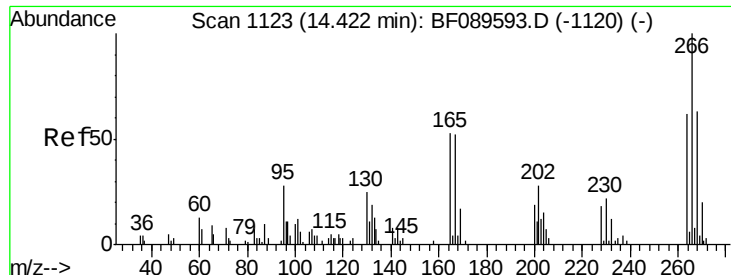
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#68
Atrazine
Concen: 40.98 ng
RT: 14.35 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	66542		
173	26.1		8.2	48.2
215	45.2		24.9	64.9





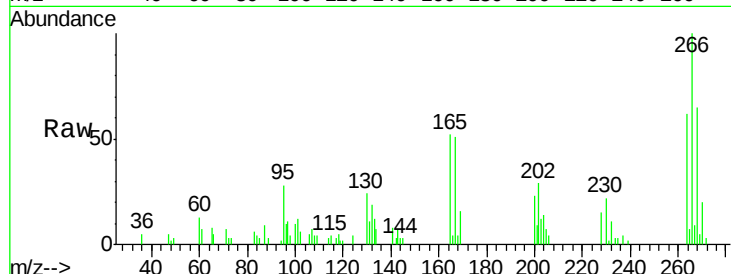
#69
 Pentachlorophenol
 Concen: 35.18 ng
 RT: 14.42 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

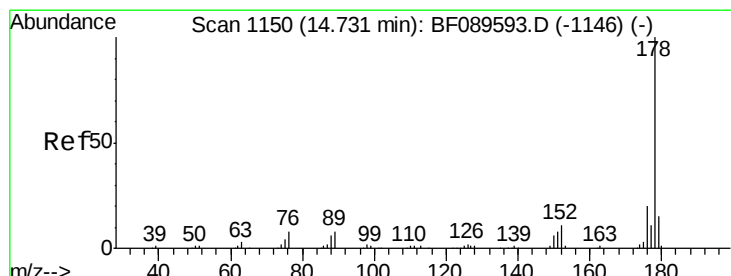
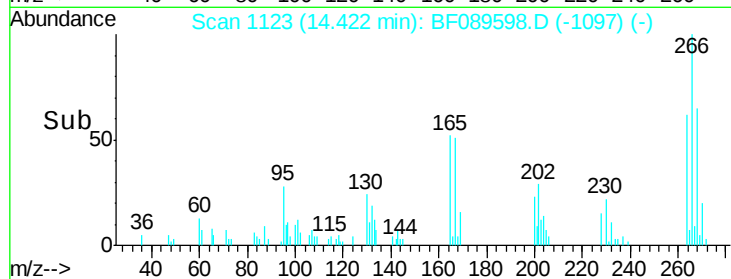
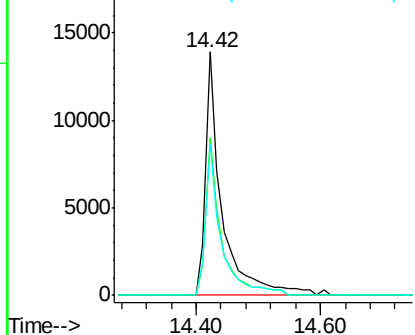
Tot Ion	Ratio	Resp	Lower	Upper
266	100	25684		
268	64.8		50.6	75.8
264	61.9		49.5	74.3

Manual Integrations
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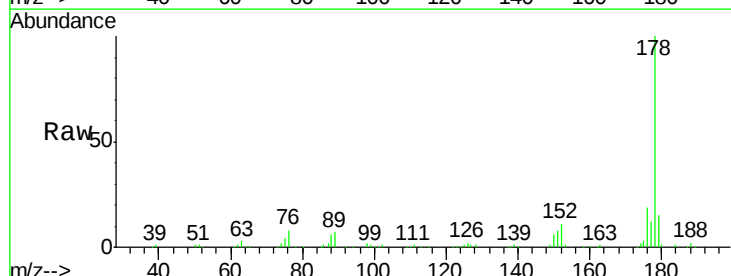


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

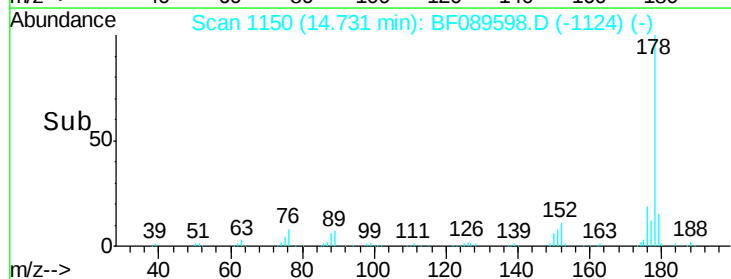
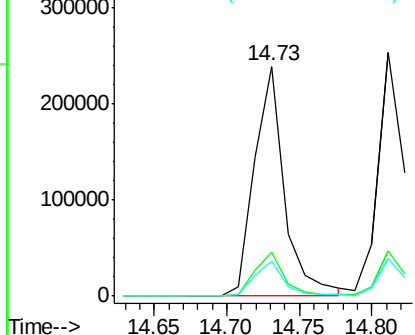


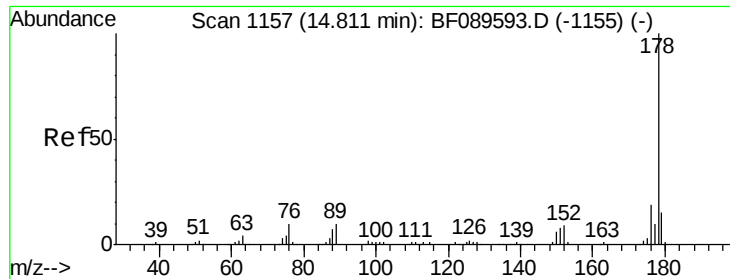
#70
 Phenanthrene
 Concen: 36.65 ng
 RT: 14.73 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	343147		
176	19.2		15.7	23.5
179	15.2		12.2	18.2



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





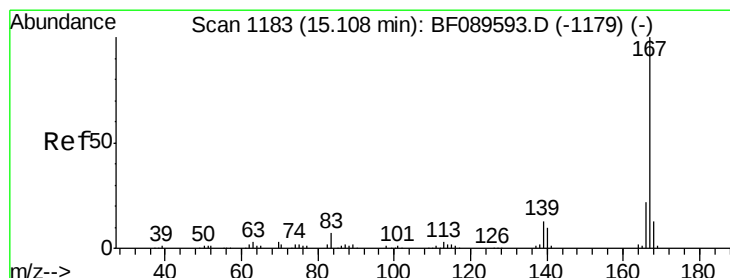
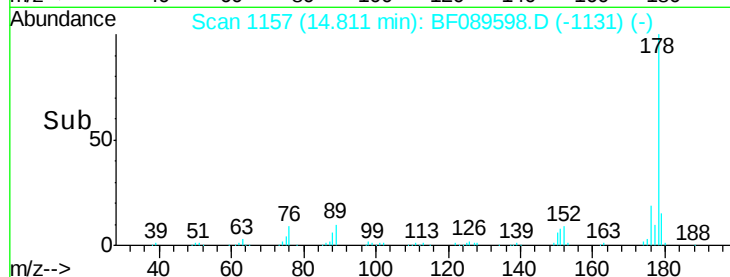
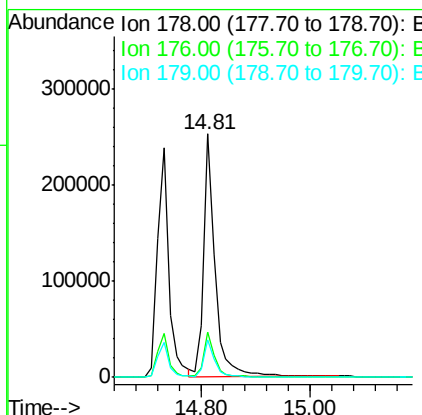
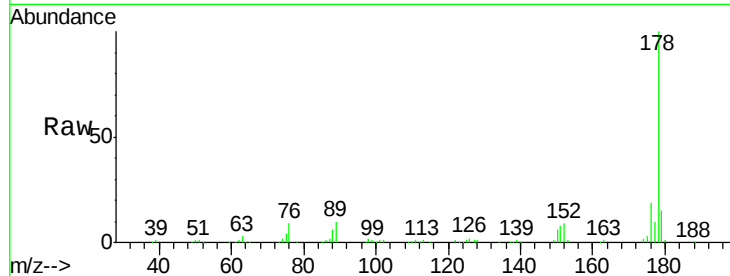
#71
 Anthracene
 Concen: 37.01 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.3	12.4	18.6

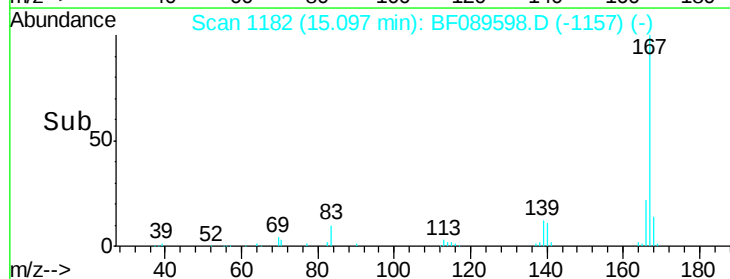
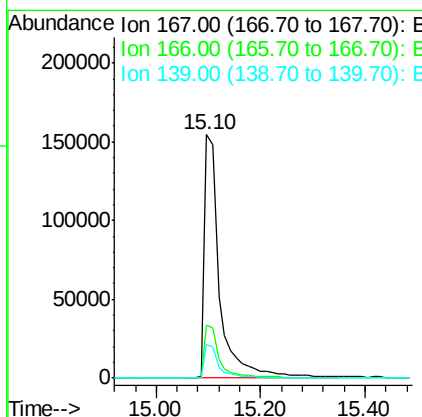
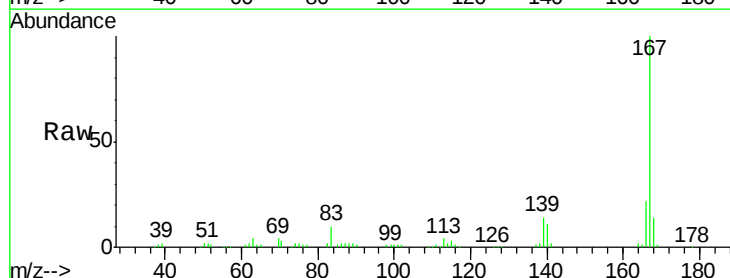
Manual Integrations
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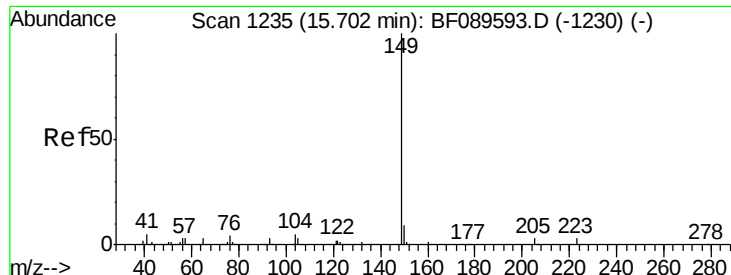
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#72
 Carbazole
 Concen: 38.16 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	14.1	10.4	15.6





#73

Di-n-butylphthalate

Concen: 38.89 ng

RT: 15.70 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

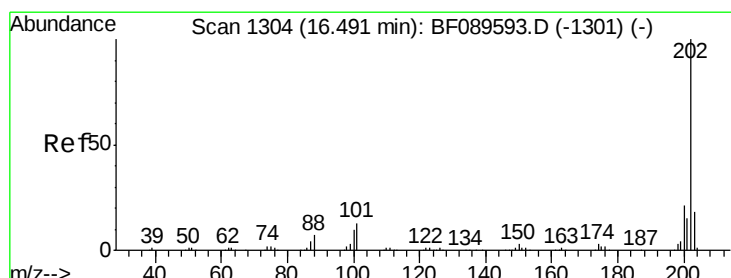
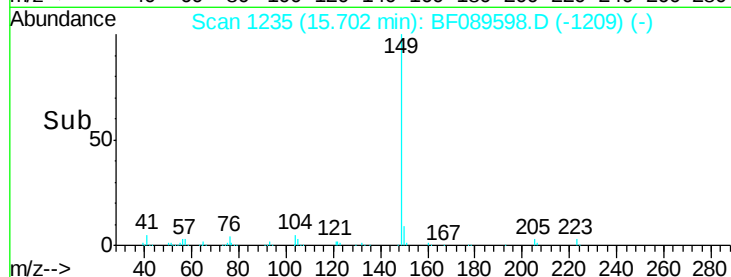
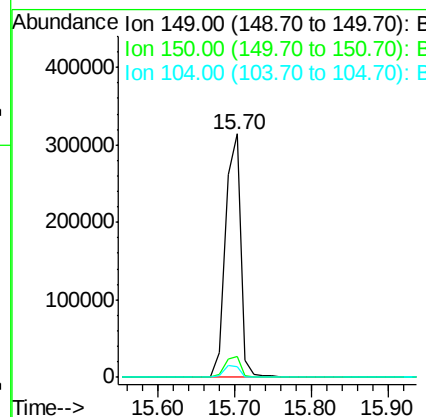
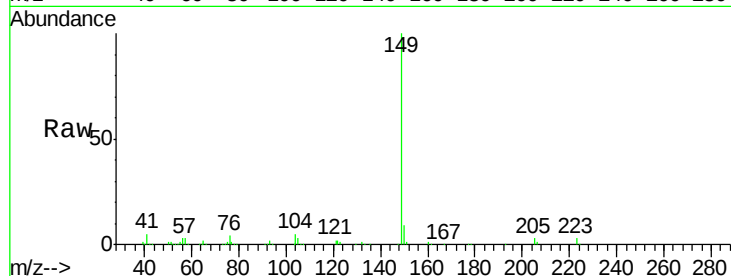
ClientSampleId :

ICVBF080416

Tot Ion:	149	Resp:	440034
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.2	10.8
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 38.00 ng

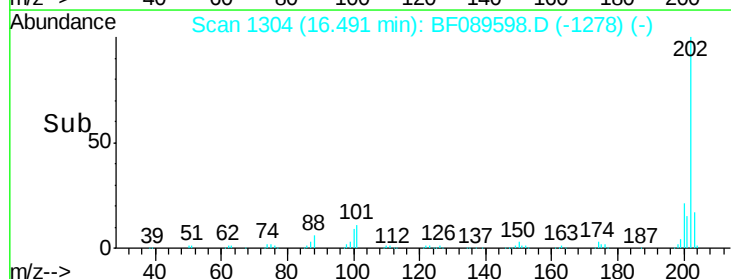
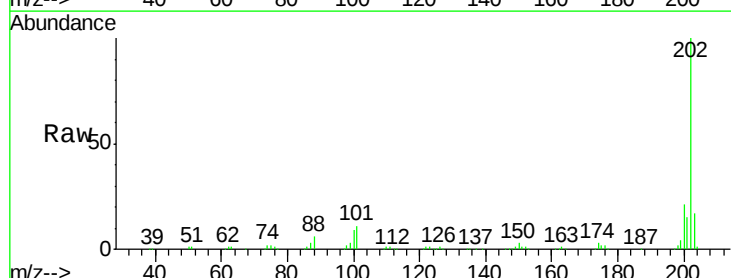
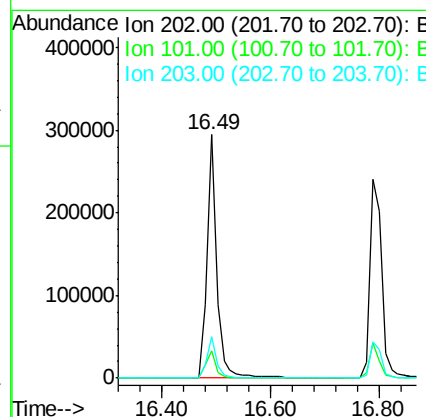
RT: 16.49 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Tgt Ion:	202	Resp:	365757
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	32.7
203	17.2	0.0	37.8





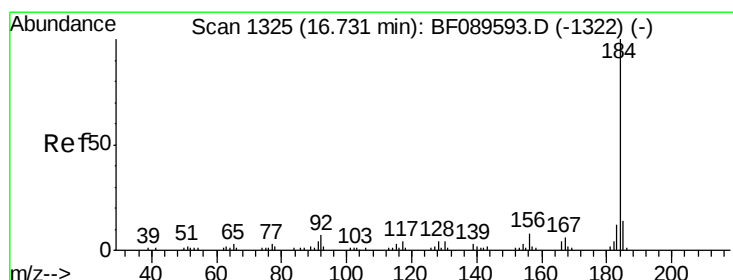
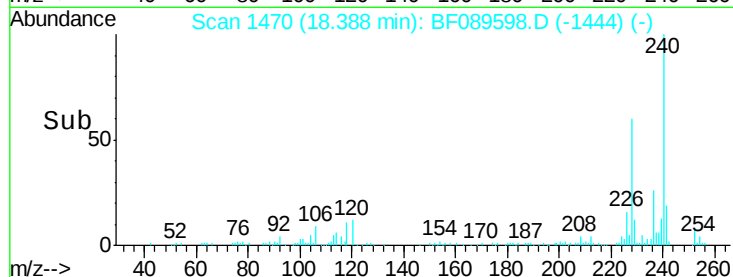
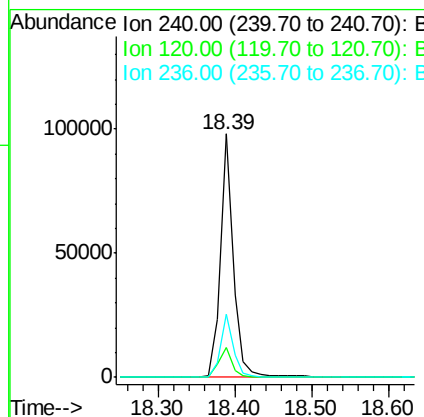
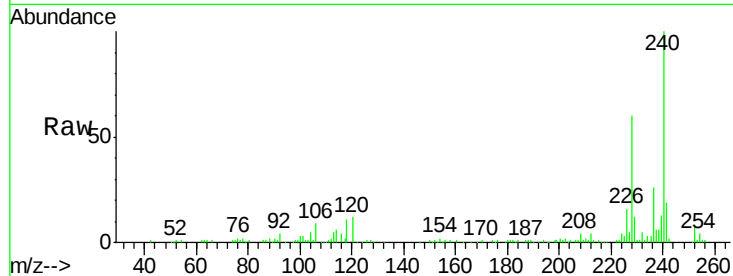
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.6	15.8
236	25.8	20.6	30.8

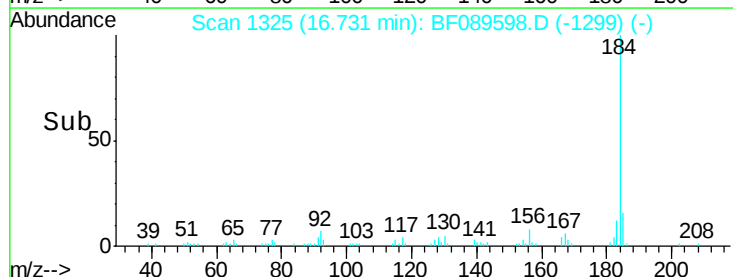
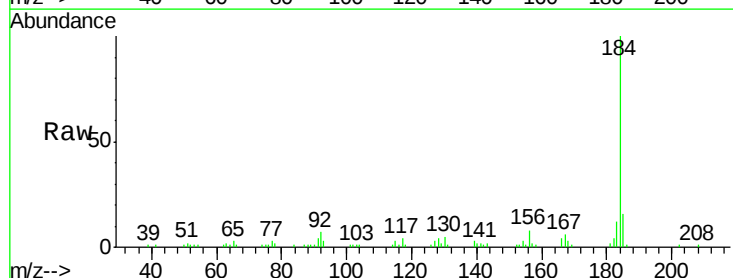
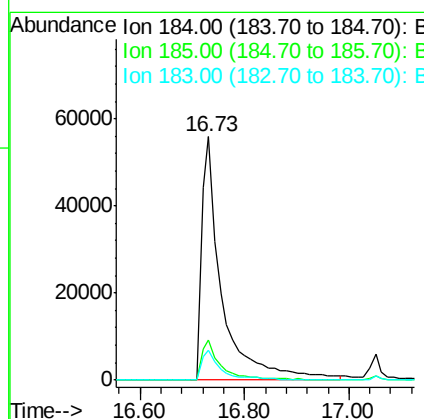
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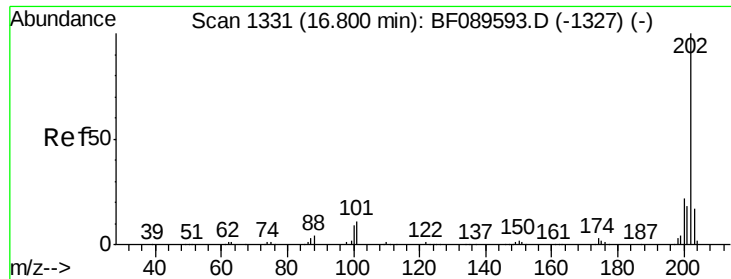
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#76
Benzidine
Concen: 42.90 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.5	17.3
183	12.4	9.8	14.8





#77

Pvrene

Concen: 34.65 ng

RT: 16.79 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

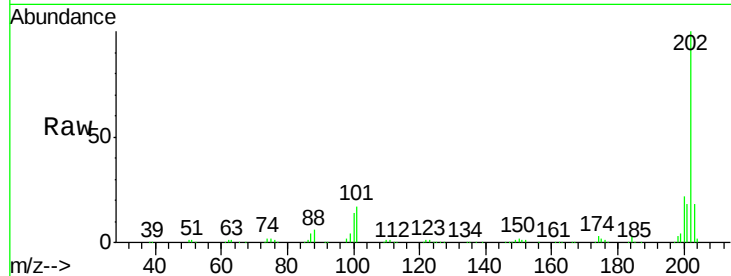
ClientSampleId :

ICVBF080416

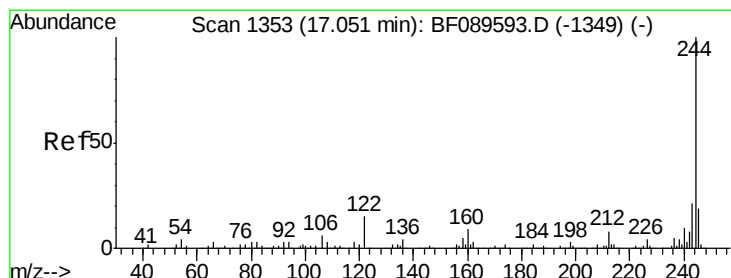
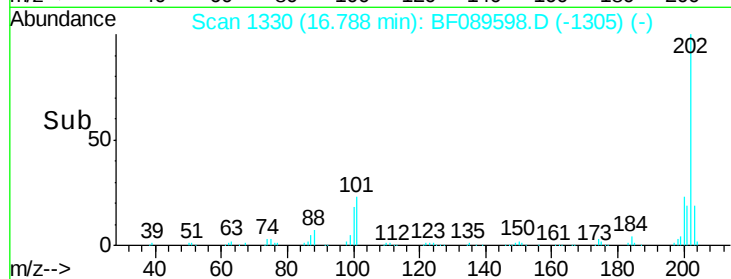
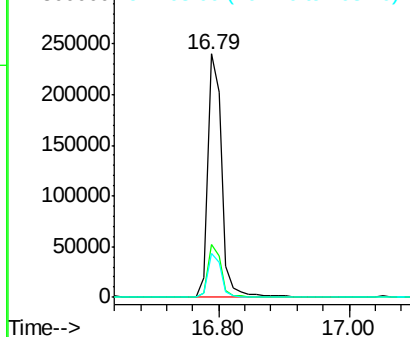
Tot Ion:	202	Resp:	354304
Ion Ratio		Lower	Upper
202	100		
200	21.6	17.4	26.0
203	18.1	13.6	20.4

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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: 70.52 ng

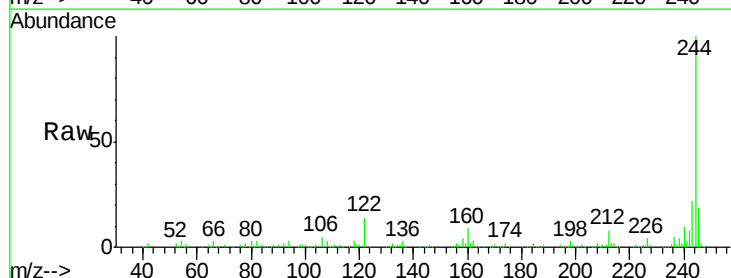
RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

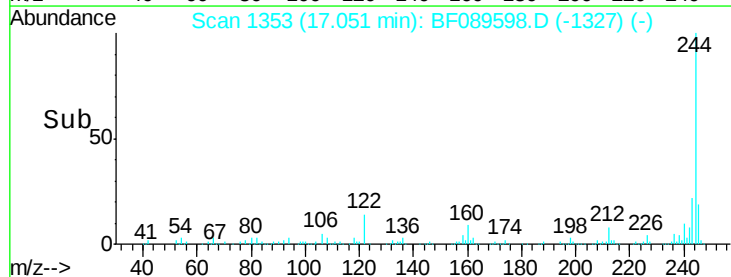
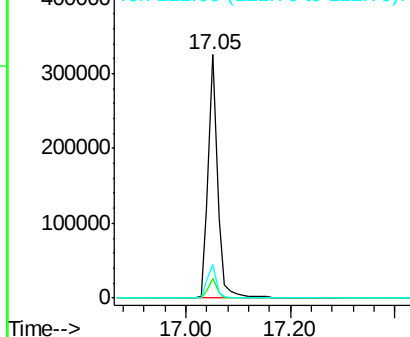
Lab File: BF089598.D

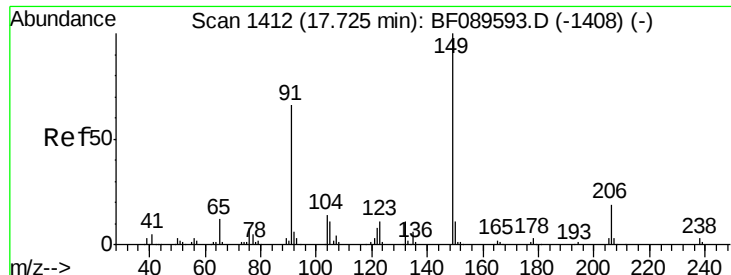
Acq: 4 Aug 2016 20:15

Tgt Ion:	244	Resp:	413159
Ion Ratio		Lower	Upper
244	100		
212	8.0	6.4	9.6
122	13.6	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





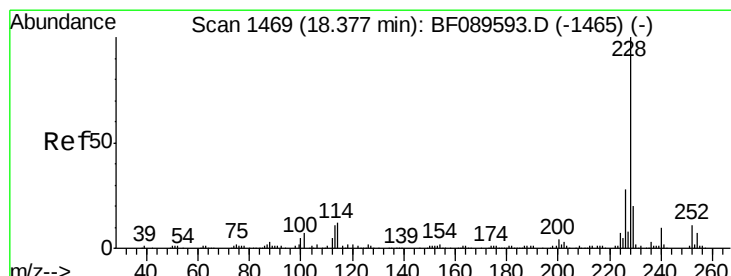
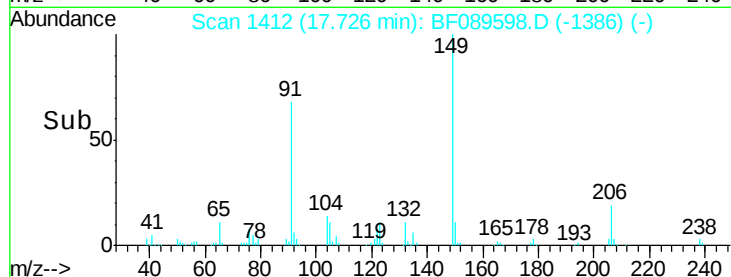
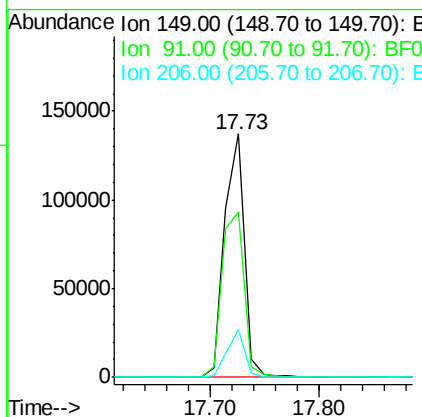
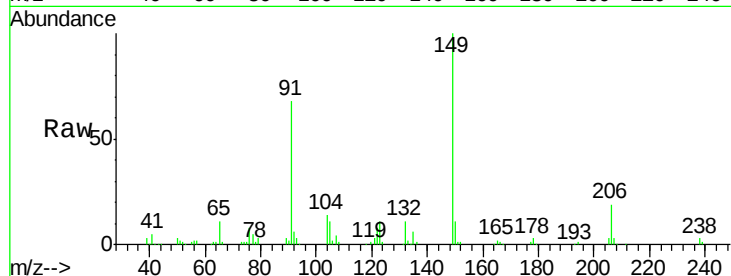
#79
Butylbenzylphthalate
Concen: 39.81 ng
RT: 17.73 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	Ratio	Resp	Lower	Upper
149	100	173225		
91	67.9	52.6	78.8	
206	19.4	15.4	23.0	

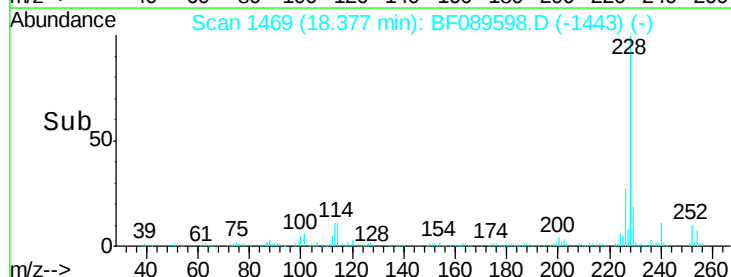
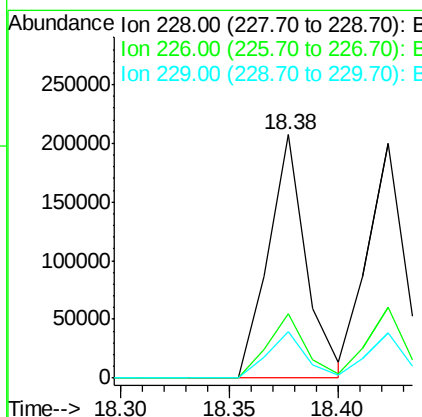
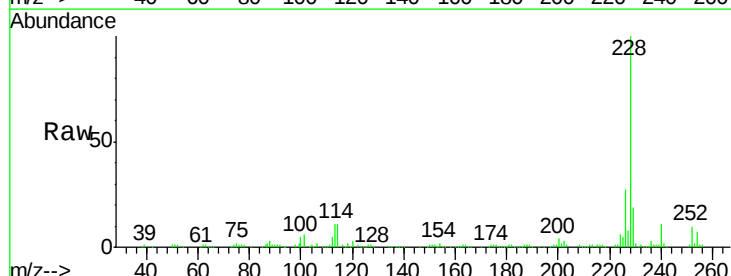
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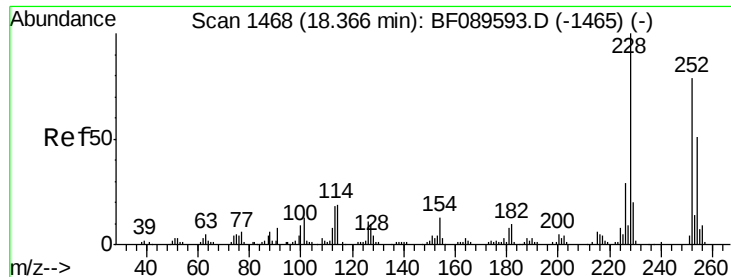
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#80
Benzo(a)anthracene
Concen: 37.88 ng
RT: 18.38 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	251688		
226	26.5	22.3	33.5	
229	19.0	15.9	23.9	





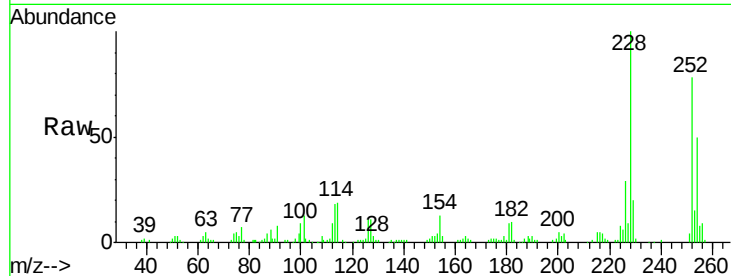
#81
 3,3'-Dichlorobenzidine
 Concen: 40.89 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

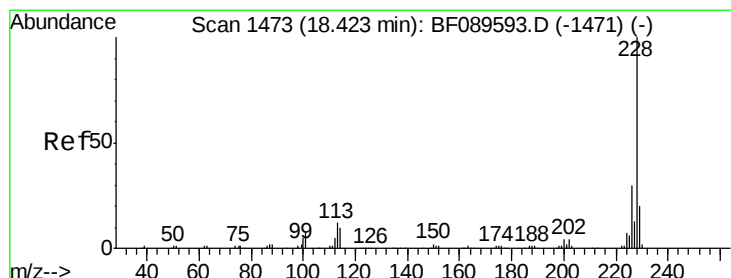
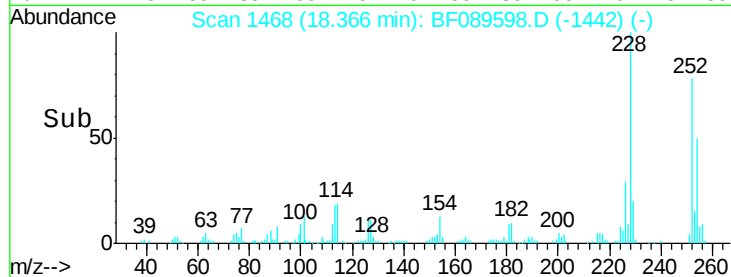
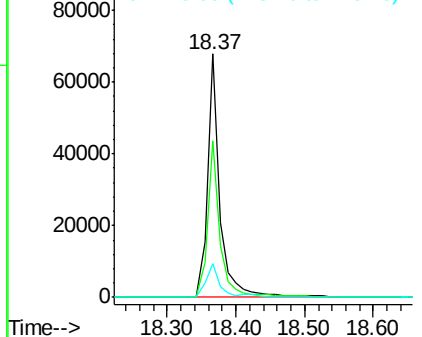
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	14.0	11.0	16.4

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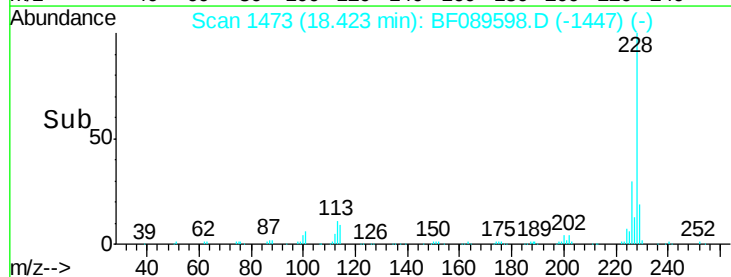
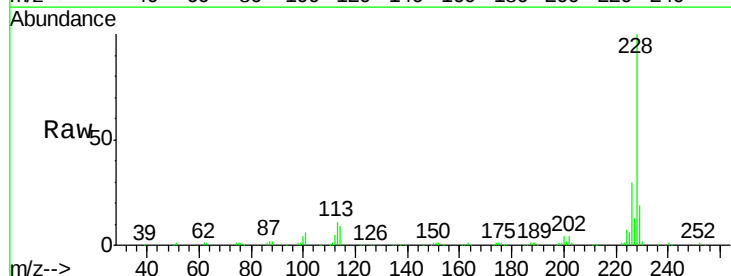
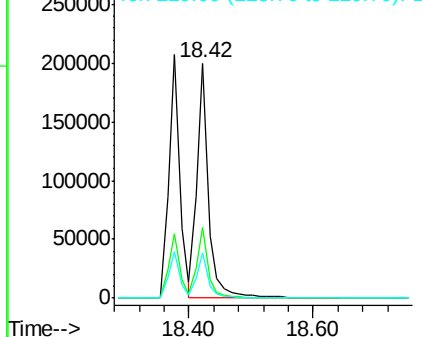
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

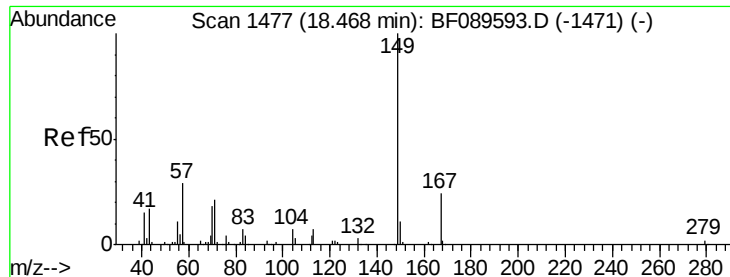


#82
 Chrysene
 Concen: 37.62 ng
 RT: 18.42 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.3	16.0	24.0

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.44 ng

RT: 18.47 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

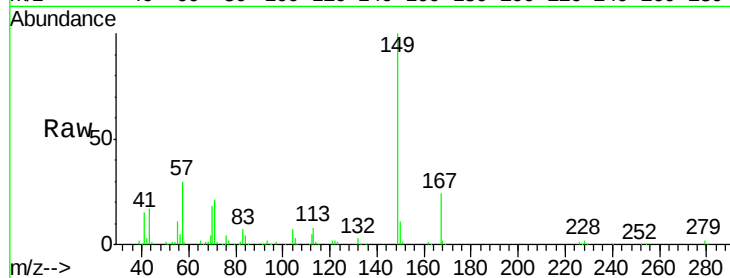
ClientSampleId :

ICVBF080416

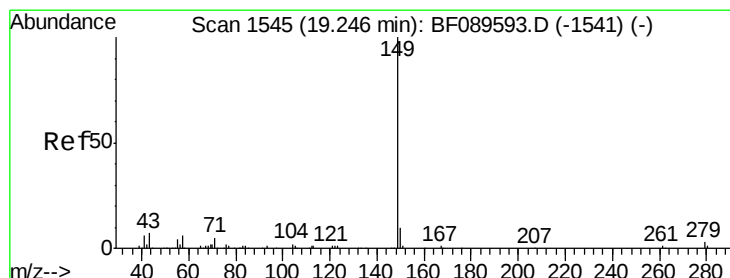
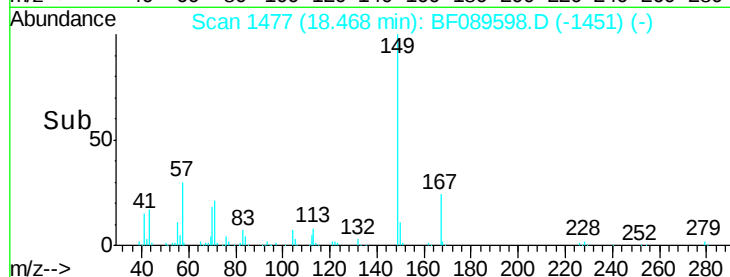
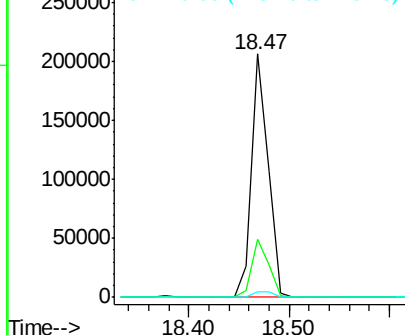
Tot Ion:	149	Resp:	237599
Ion Ratio		Lower	Upper
149	100		
167	23.7	19.0	28.4
279	2.1	1.8	2.6

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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: 39.30 ng

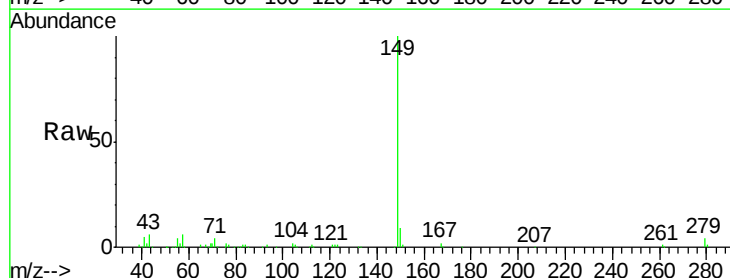
RT: 19.25 min Scan# 1545

Delta R.T. 0.00 min

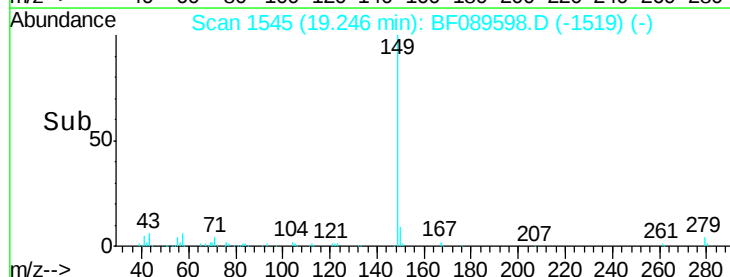
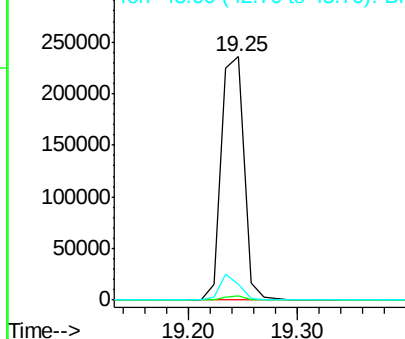
Lab File: BF089598.D

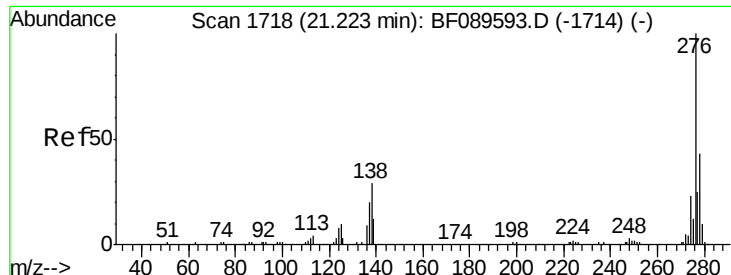
Acq: 4 Aug 2016 20:15

Tgt Ion:	149	Resp:	340695
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	9.0	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: 37.32 ng

RT: 21.22 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

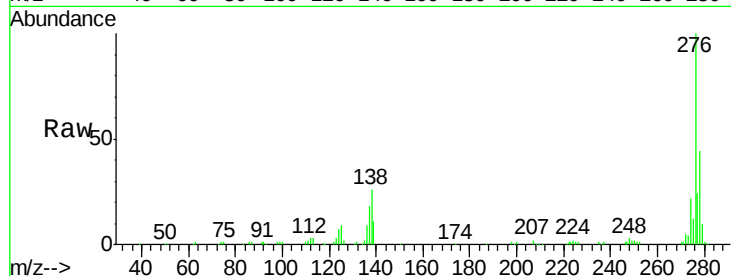
ClientSampleId :

ICVBF080416

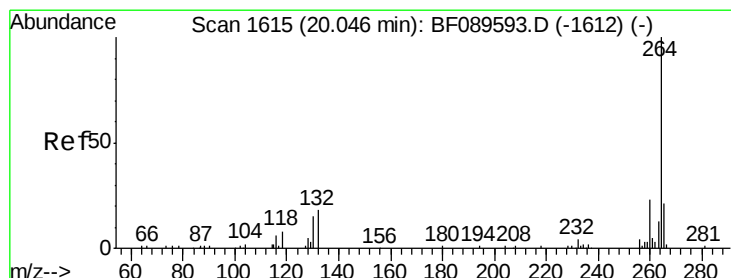
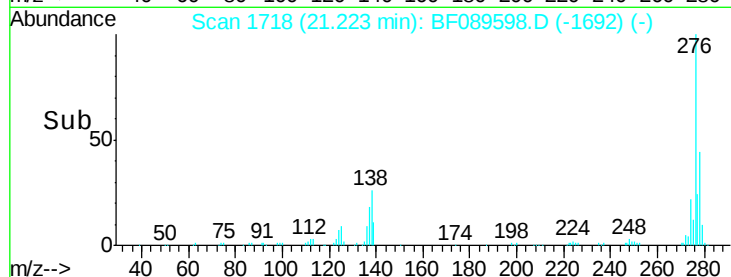
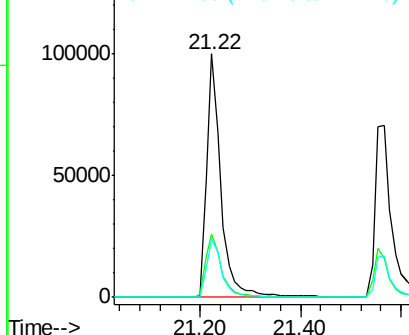
Tot Ion:	276	Resp:	197565
Ion Ratio	Lower	Upper	
276	100		
138	28.8	23.8	35.8
277	25.1	20.3	30.5

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



#86

Perylene-d12

Concen: 20.00 ng

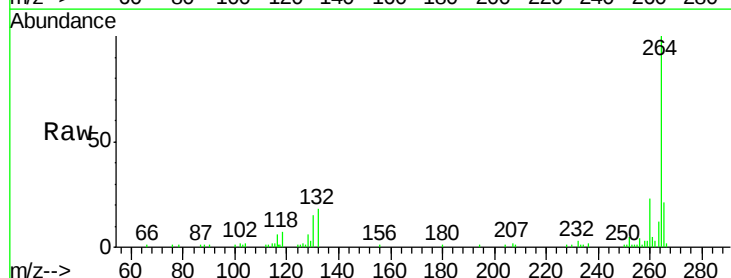
RT: 20.05 min Scan# 1615

Delta R.T. 0.00 min

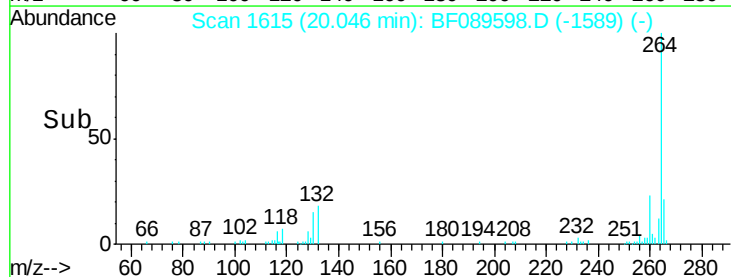
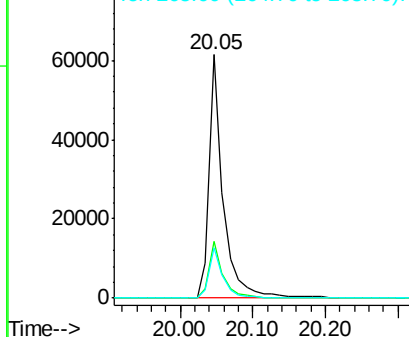
Lab File: BF089598.D

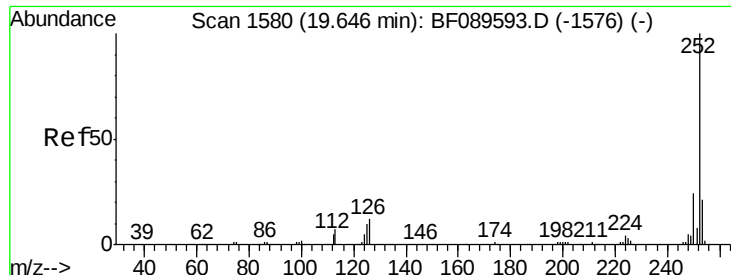
Acq: 4 Aug 2016 20:15

Tgt Ion:	264	Resp:	82728
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	20.9	16.5	24.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.12 ng

RT: 19.65 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Instrument :

BNA_F

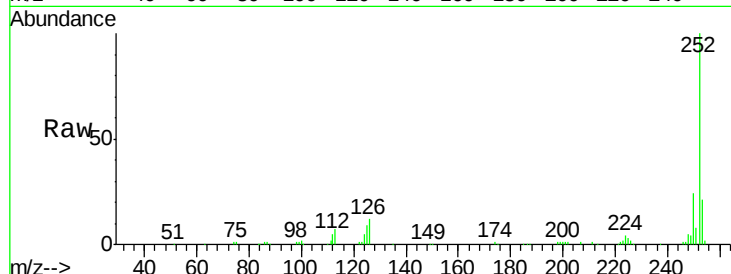
ClientSampleId :

ICVBF080416

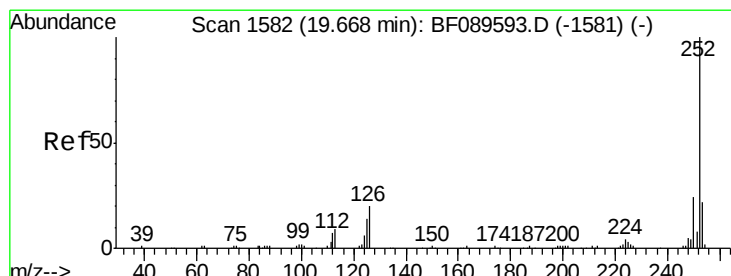
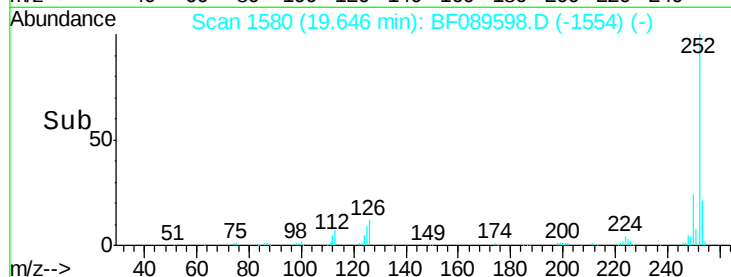
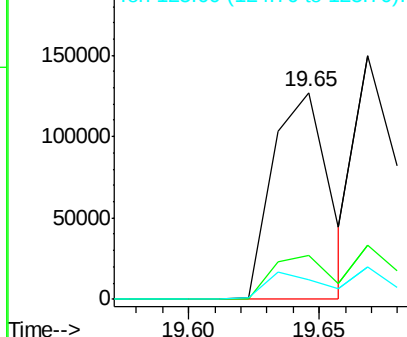
Tot Ion:	252	Resp:	188891
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.1	25.7
125	9.5	7.8	11.8

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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: 38.43 ng m

RT: 19.67 min Scan# 1582

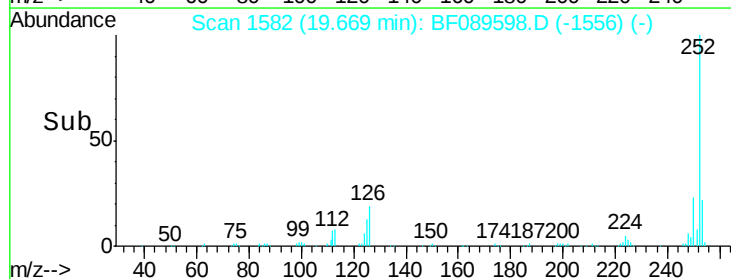
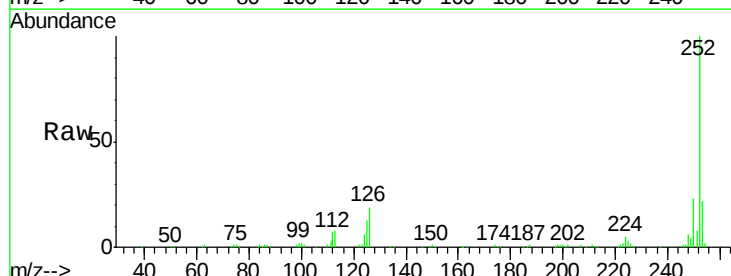
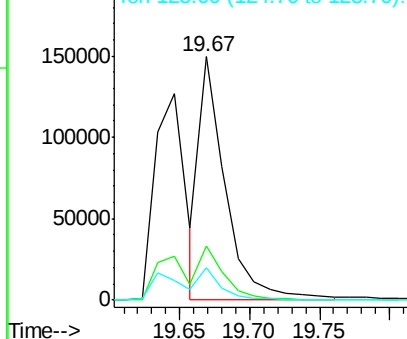
Delta R.T. 0.00 min

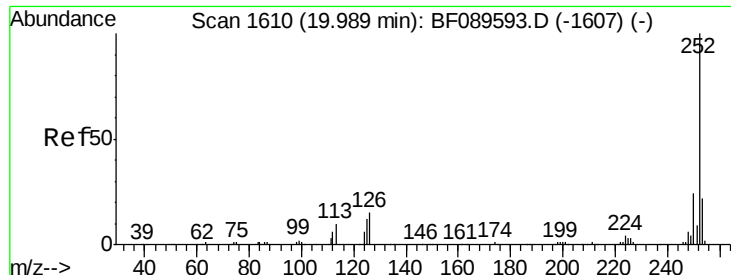
Lab File: BF089598.D

Acq: 4 Aug 2016 20:15

Tgt Ion:	252	Resp:	197277
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	13.1	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





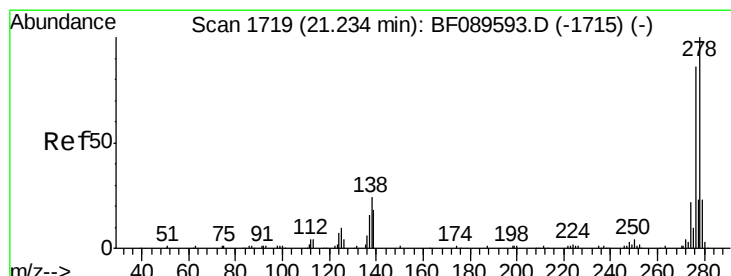
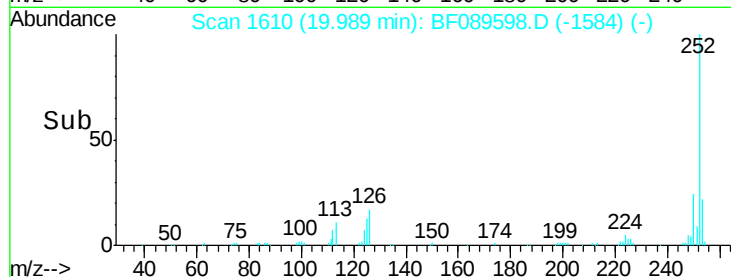
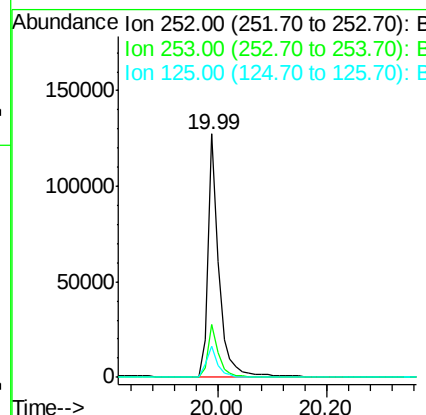
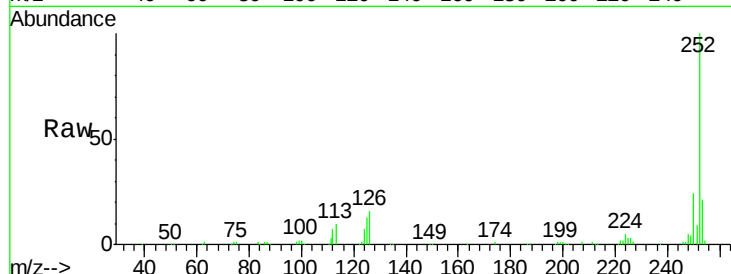
#89
Benzo(a)pyrene
Concen: 37.42 ng
RT: 19.99 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Instrument :
BNA_F
ClientSampleId :
ICVBF080416

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	12.6	9.9	14.9

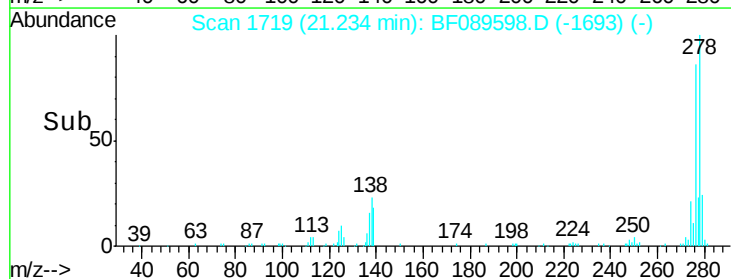
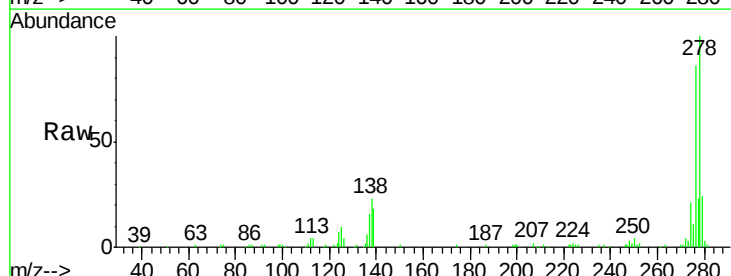
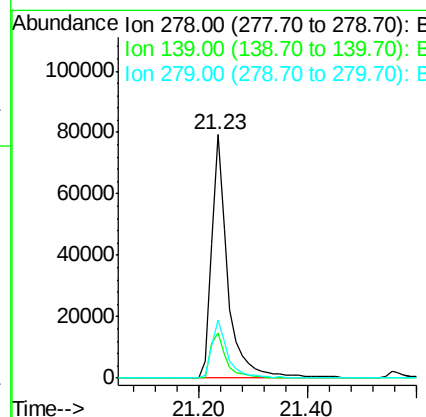
Manual Integrations
APPROVED

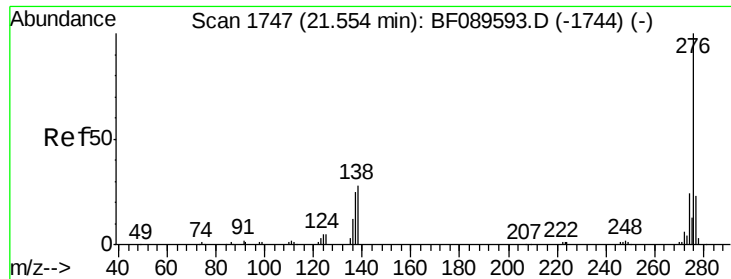
sohil
8/5/2016 6:58:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.84 ng
RT: 21.23 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BF089598.D
Acq: 4 Aug 2016 20:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.6	21.8
279	23.9	18.4	27.6





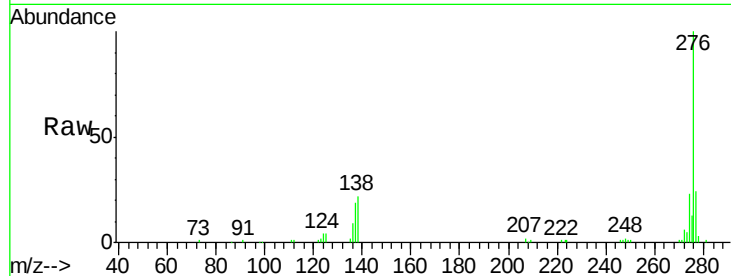
#91
 Benzo(a,h,i)perylene
 Concen: 36.87 ng
 RT: 21.57 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: BF089598.D
 Acq: 4 Aug 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF080416

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.3	18.6	28.0
138	22.5	22.6	33.8#

Manual Integrations
 APPROVED

sohil
 8/5/2016 6:58:52 PM



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

