

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089593.D
 Acq On : 4 Aug 2016 17:26
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

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 8/5/2016 6:58:48 PM

Quant Time: Aug 05 01:11:51 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 01:00:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	48491	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	206996	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	96207	20.00	ng	0.00
63) Phenanthrene-d10	14.70	188	190529	20.00	ng	0.00
75) Chrysene-d12	18.39	240	128830	20.00	ng	0.00
86) Perylene-d12	20.05	264	91533	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	226571	78.83	ng	0.00
7) Phenol-d6	6.98	99	309167	79.50	ng	0.00
23) Nitrobenzene-d5	8.36	82	301839	80.57	ng	0.00
41) 2,4,6-Tribromophenol	13.59	330	66786	86.68	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	561349	76.12	ng	0.00
78) Terphenyl-d14	17.05	244	476442	75.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.74	88	56446	33.19	ng	100
3) Pyridine	2.31	79	117847	38.58	ng	100
4) n-Nitrosodimethylamine	2.28	42	51203	43.81	ng	100
6) Aniline	6.94	93	205738	39.80	ng	100
8) 2-Chlorophenol	7.12	128	139617	40.06	ng	100
9) Benzaldehyde	6.75	77	60805	44.26	ng	100
10) Phenol	7.00	94	164631	40.96	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	132671	37.64	ng	100
12) 1,3-Dichlorobenzene	7.35	146	146993	38.44	ng	100
13) 1,4-Dichlorobenzene	7.47	146	143335	37.52	ng	100
14) 1,2-Dichlorobenzene	7.70	146	148461	37.58	ng	100
15) Benzyl Alcohol	7.74	79	105269	41.52	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.94	45	165798	38.08	ng	100
17) 2-Methylphenol	7.95	107	100360	39.28	ng	100
18) Hexachloroethane	8.23	117	60411	37.70	ng	100
19) n-Nitroso-di-n-propylamine	8.17	70	111358	40.64	ng	100
20) 3+4-Methylphenols	8.20	107	130890	39.18	ng	100
22) Acetophenone	8.14	105	211731	42.10	ng	100
24) Nitrobenzene	8.39	77	146456	38.76	ng	100
25) Isophorone	8.79	82	272651	38.33	ng	100
26) 2-Nitrophenol	8.89	139	65102	39.98	ng	100
27) 2,4-Dimethylphenol	9.03	122	118857	40.87	ng	100
28) bis(2-Chloroethoxy)methane	9.18	93	174689	41.00	ng	100
29) 2,4-Dichlorophenol	9.30	162	109481	39.87	ng	100
30) 1,2,4-Trichlorobenzene	9.40	180	125414	40.08	ng	100
31) Naphthalene	9.51	128	417148	38.04	ng	100
32) Benzoic acid	9.36	122	73955	38.54	ng	100
33) 4-Chloroaniline	9.64	127	172934	40.40	ng	100
34) Hexachlorobutadiene	9.72	225	69414	38.26	ng	100
35) Caprolactam	10.28	113	32921	40.87	ng	100
36) 4-Chloro-3-methylphenol	10.50	107	133295	41.54	ng	100
37) 2-Methylnaphthalene	10.63	142	259921	38.66	ng	100
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	144605	39.89	ng	100
40) Hexachlorocyclopentadiene	10.89	237	46495	44.21	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	73485	41.34	nq	100
43) 2,4,5-Trichlorophenol	11.20	196	76774	40.87	nq	100
45) 1,1'-Biphenyl	11.40	154	341602	39.37	nq	100
46) 2-Chloronaphthalene	11.42	162	254129	39.21	nq	100
47) 2-Nitroaniline	11.62	65	83708	40.45	nq	100
48) Acenaphthylene	12.07	152	412988	38.57	nq	100
49) Dimethylphthalate	11.96	163	294996	39.83	nq	100
50) 2,6-Dinitrotoluene	12.04	165	64010	43.08	nq	100
51) Acenaphthene	12.35	154	241407	38.81	nq	100
52) 3-Nitroaniline	12.31	138	73278	41.76	nq	100
53) 2,4-Dinitrophenol	12.51	184	20171	38.45	nq	100
54) Dibenzofuran	12.64	168	334800	39.54	nq	100
55) 4-Nitrophenol	12.67	139	42190m	42.93	nq	
56) 2,4-Dinitrotoluene	12.70	165	85388	42.41	nq	100
57) Fluorene	13.19	166	281926	39.12	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.87	232	57948	42.83	nq	100
59) Diethylphthalate	13.11	149	307376	40.69	nq	100
60) 4-Chlorophenyl-phenylether	13.22	204	134122	41.23	nq	100
61) 4-Nitroaniline	13.31	138	68291	43.95	nq	100
62) Azobenzene	13.49	77	310093	40.26	nq	100
64) 4,6-Dinitro-2-methylphenol	13.36	198	44208	41.41	nq	100
65) n-Nitrosodiphenylamine	13.44	169	249129	38.46	nq	100
66) 4-Bromophenyl-phenylether	14.01	248	74875	40.22	nq	100
67) Hexachlorobenzene	14.07	284	75577	37.54	nq	100
68) Atrazine	14.35	200	76614	44.69	nq	100
69) Pentachlorophenol	14.42	266	37074	51.68	nq	100
70) Phenanthrene	14.73	178	398494	39.09	nq	100
71) Anthracene	14.81	178	418607	37.63	nq	100
72) Carbazole	15.11	167	370149	40.85	nq	100
73) Di-n-butylphthalate	15.70	149	496551	42.33	nq	100
74) Fluoranthene	16.49	202	419390	40.31	nq	100
76) Benzidine	16.73	184	166516	46.45	nq	100
77) Pyrene	16.80	202	421983	37.23	nq	100
79) Butylbenzylphthalate	17.73	149	196391	44.86	nq	100
80) Benzo(a)anthracene	18.38	228	283341	37.98	nq	100
81) 3,3'-Dichlorobenzidine	18.37	252	96061	40.90	nq	100
82) Chrysene	18.42	228	298475	38.47	nq	100
83) Bis(2-ethylhexyl)phthalate	18.47	149	261566	44.49	nq	100
84) Di-n-octyl phthalate	19.25	149	396924	44.12	nq	100
85) Indeno(1,2,3-cd)pyrene	21.22	276	212203	33.61	nq	100
87) Benzo(b)fluoranthene	19.65	252	219788	39.24	nq	100
88) Benzo(k)fluoranthene	19.67	252	220851m	39.68	nq	
89) Benzo(a)pyrene	19.99	252	201873	38.87	nq	100
90) Dibenzo(a,h)anthracene	21.23	278	183645	38.03	nq	100
91) Benzo(g,h,i)perylene	21.55	276	188523	37.31	nq	100

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

```

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Operator  : UM/SJ
Sample    : SSTDICCC040
Misc      :
ALS Vial  : 5 Sample Multiplier: 1

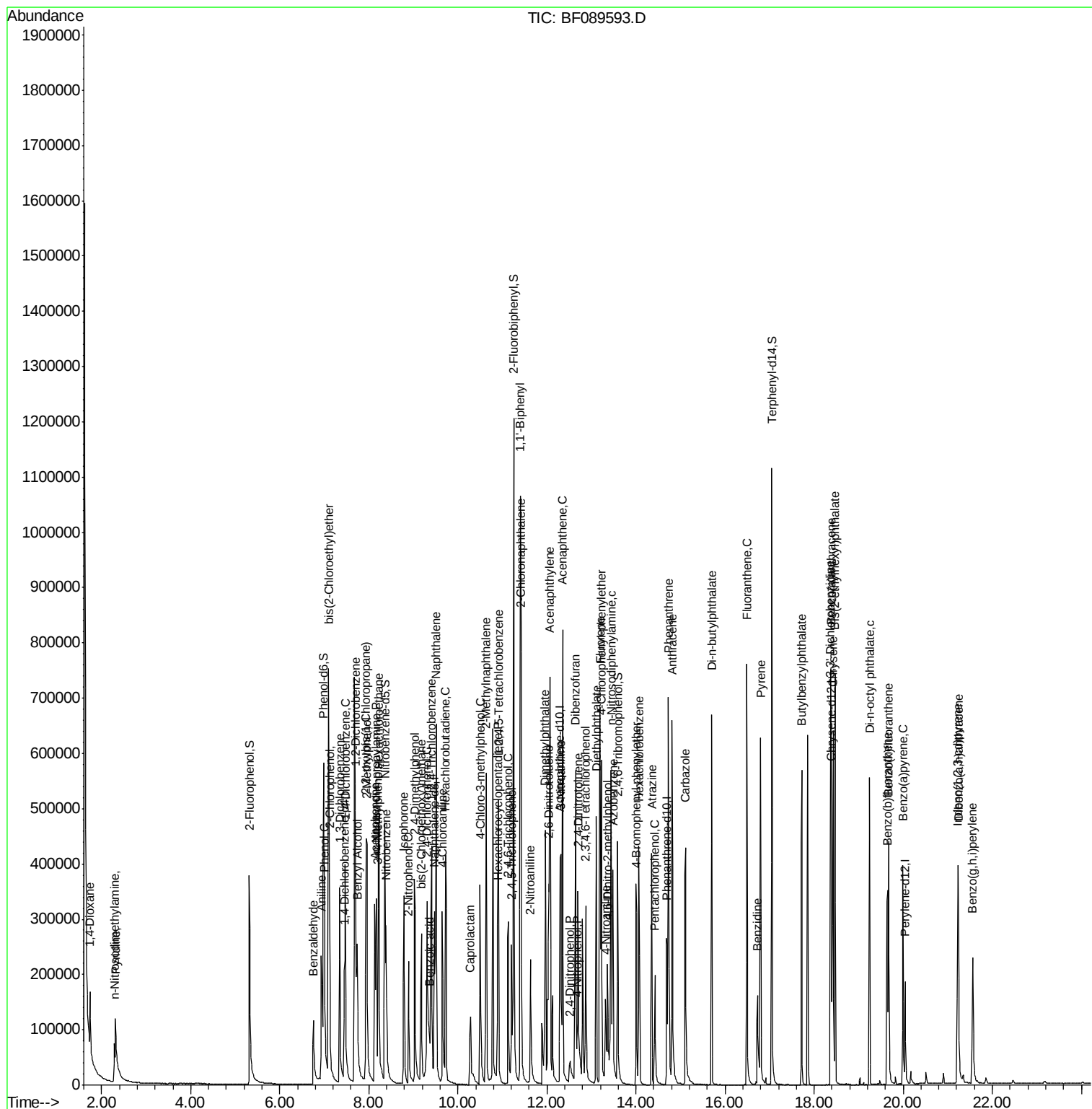
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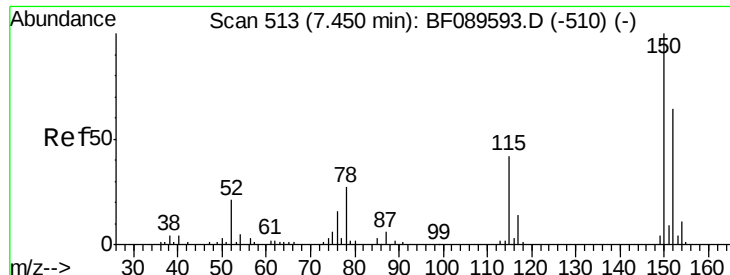
Instrument :
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SSTDICCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 48491

Ion Ratio Lower Upper

152 100

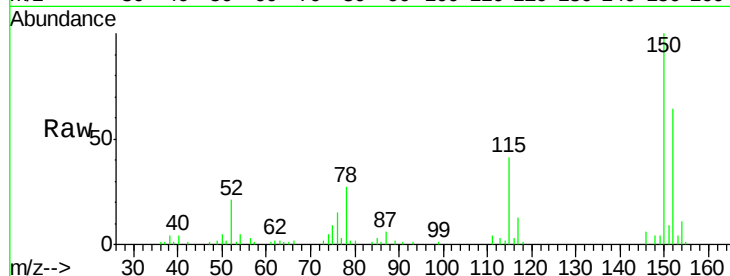
150 156.9 125.5 188.3

115 65.0 52.0 78.0

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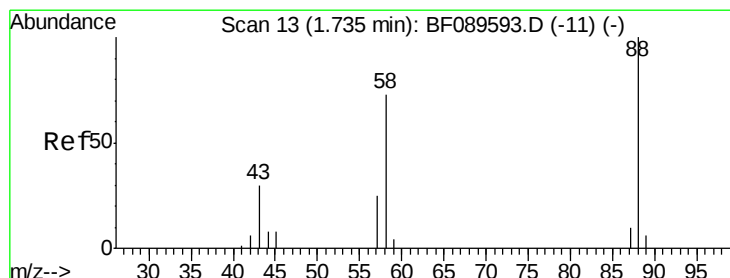
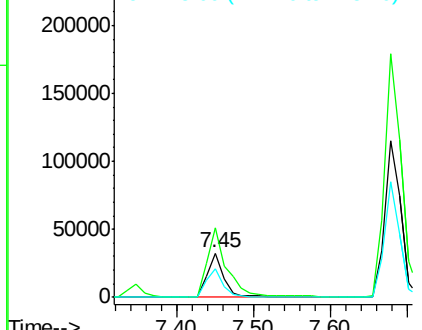
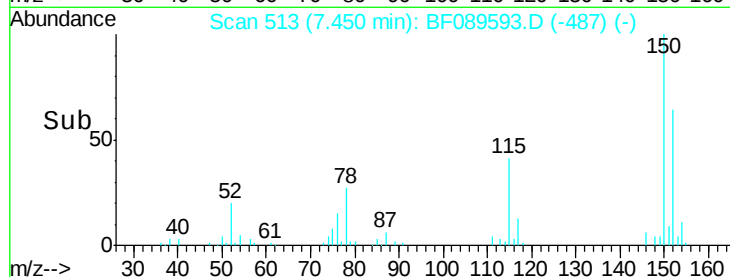
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.19 ng

RT: 1.74 min Scan# 13

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

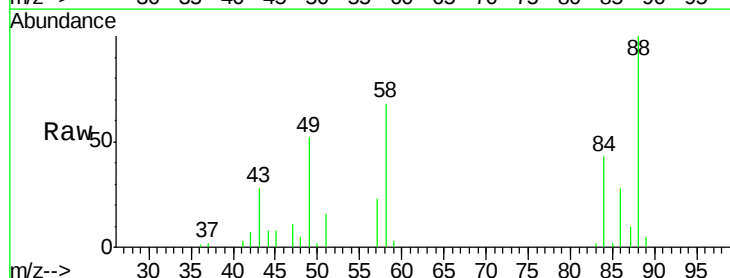
Tgt Ion: 88 Resp: 56446

Ion Ratio Lower Upper

88 100

58 62.3 49.8 74.8

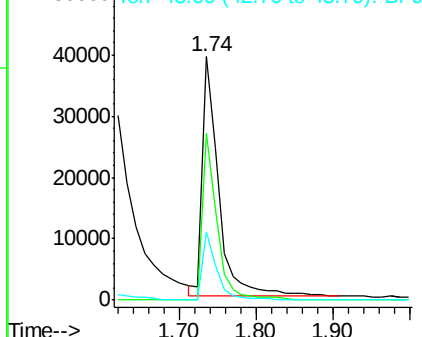
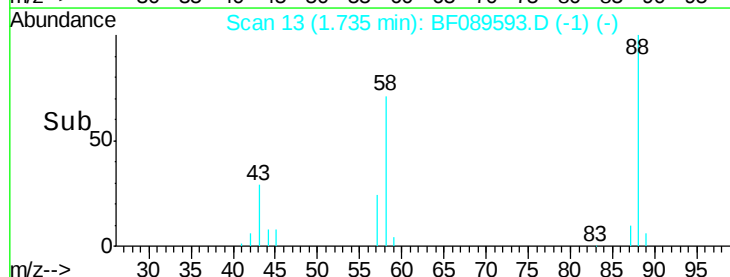
43 25.1 20.1 30.1

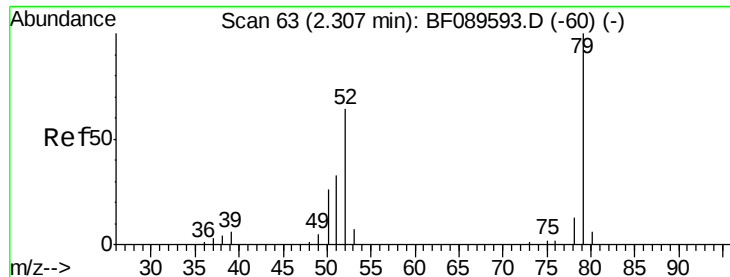


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.58 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

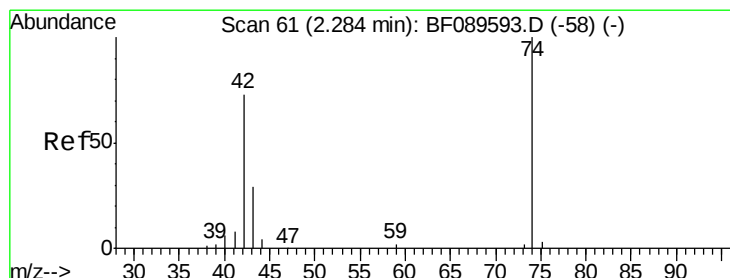
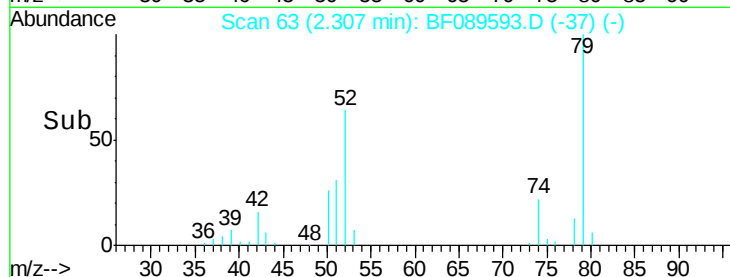
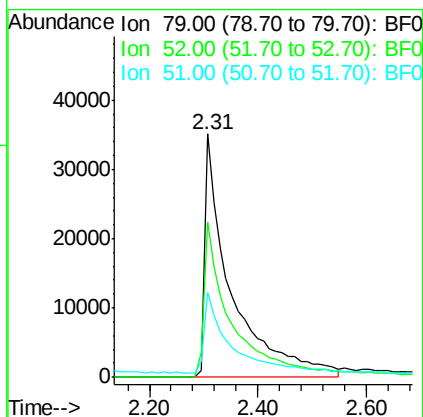
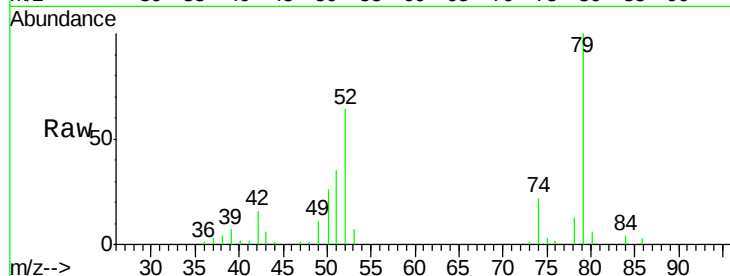
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	117847
Ion Ratio	Lower	Upper	
79	100		
52	63.7	51.0	76.4
51	34.9	27.9	41.9

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#4

n-Nitrosodimethylamine

Concen: 43.81 ng

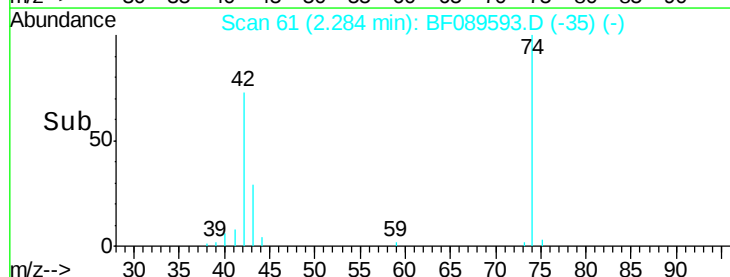
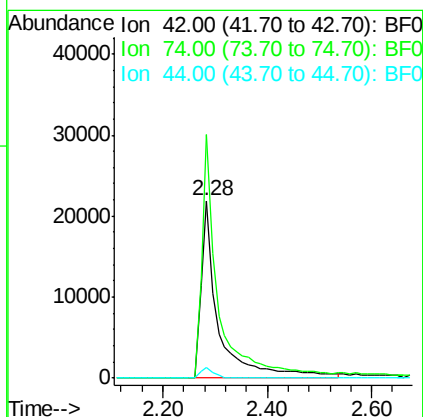
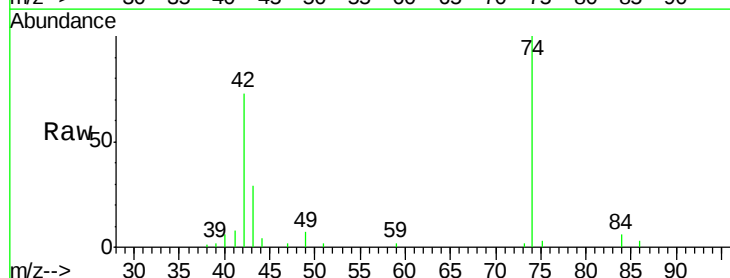
RT: 2.28 min Scan# 61

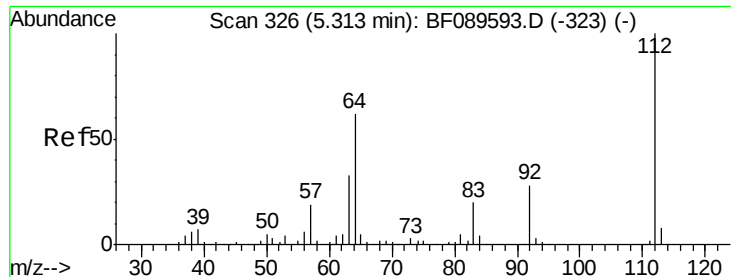
Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion:	42	Resp:	51203
Ion Ratio	Lower	Upper	
42	100		
74	137.5	110.0	165.0
44	6.0	4.8	7.2





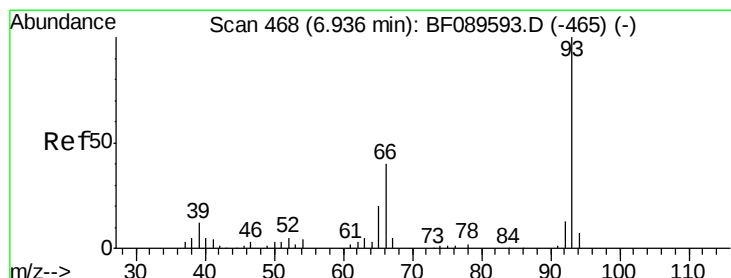
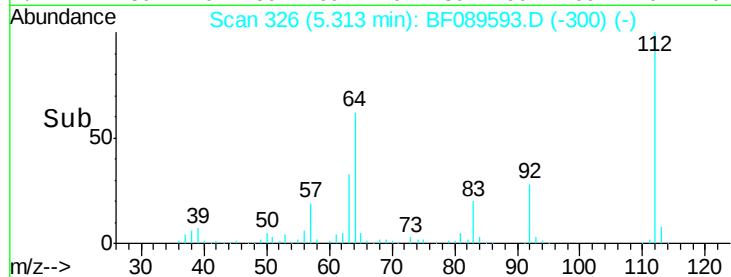
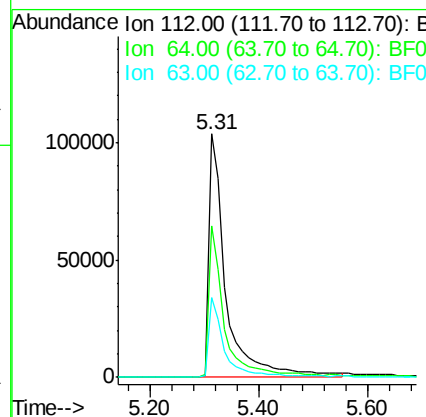
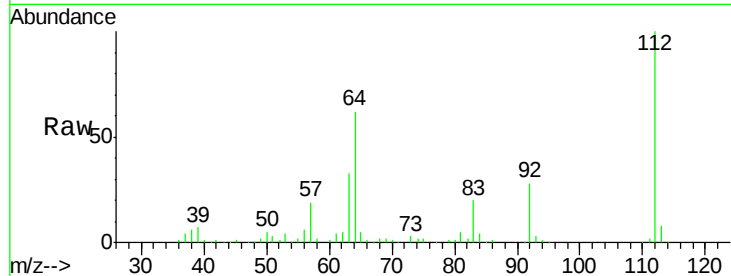
#5
2-Fluorophenol
Concen: 78.83 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	226571		
64	62.4	49.9	74.9	
63	32.6	26.1	39.1	

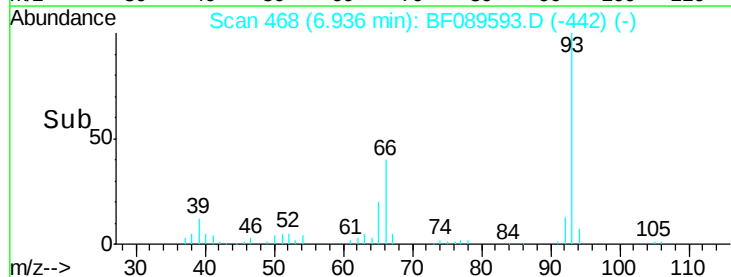
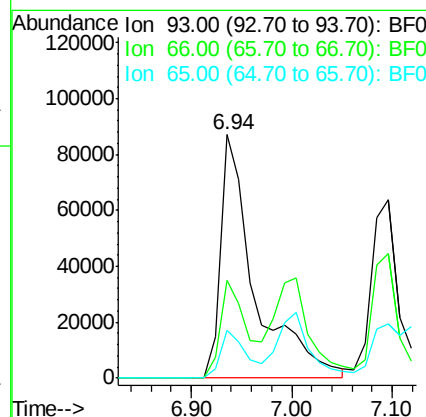
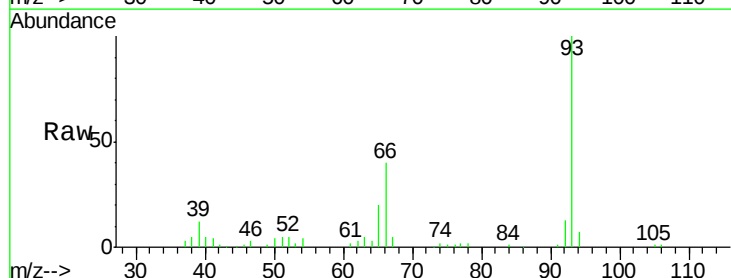
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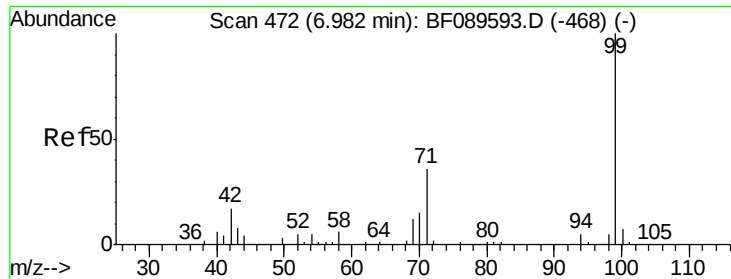
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#6
Aniline
Concen: 39.80 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	205738		
66	40.2	32.2	48.2	
65	19.8	15.8	23.8	





#7

Phenol-d6

Concen: 79.50 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

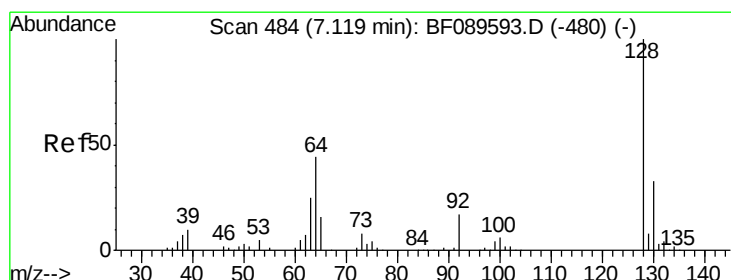
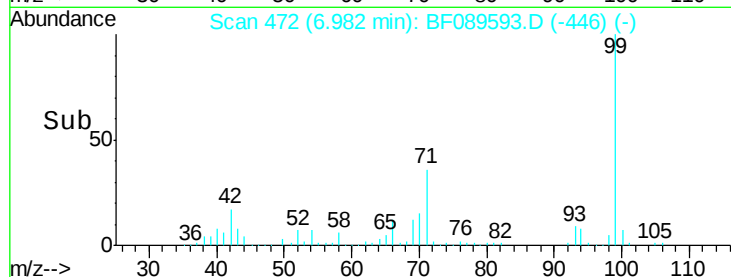
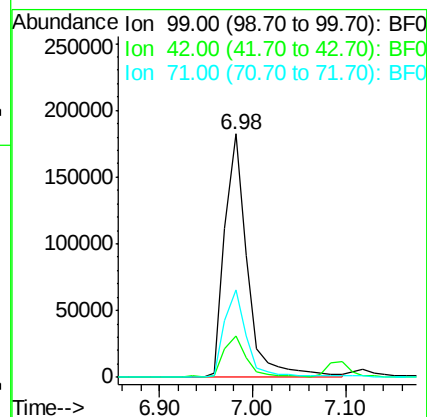
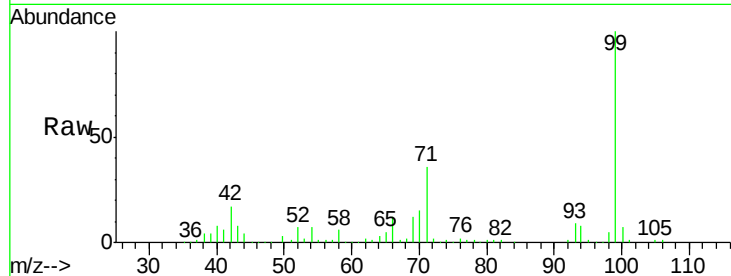
ClientSampleId :

SSTDICCC040

Tot Ion:	99	Resp:	309167
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.7	20.5
71	36.2	29.0	43.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.06 ng

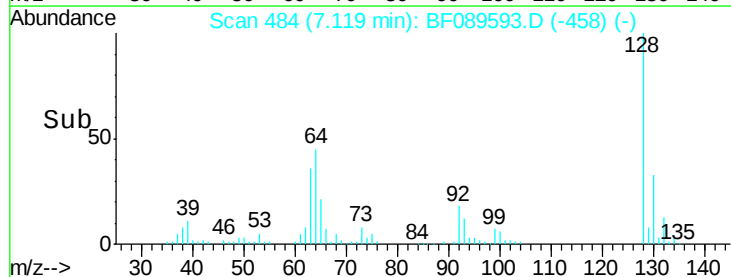
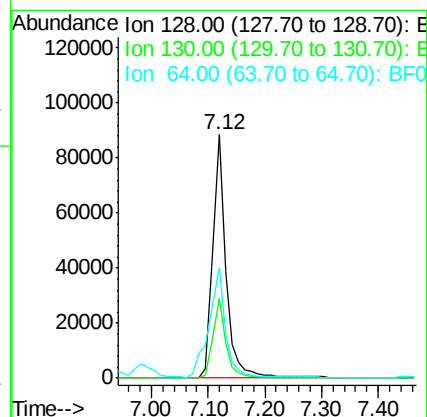
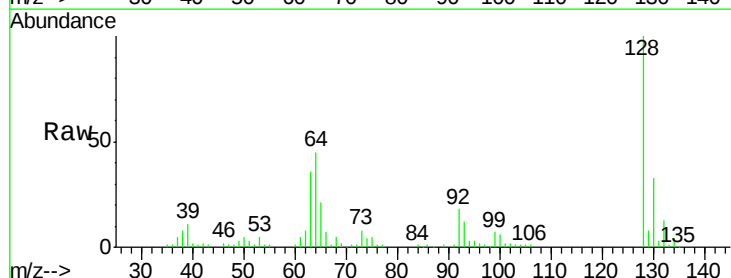
RT: 7.12 min Scan# 484

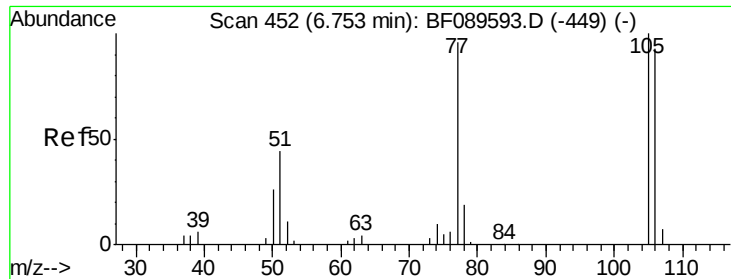
Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion:	128	Resp:	139617
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.6	52.6
64	45.3	25.3	65.3





#9

Benzaldehyde

Concen: 44.26 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 60805

Ion Ratio Lower Upper

77 100

105 104.7 84.7 124.7

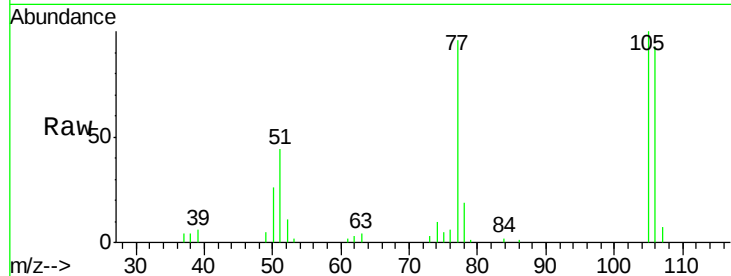
106 97.1 77.1 117.1

Manual Integrations

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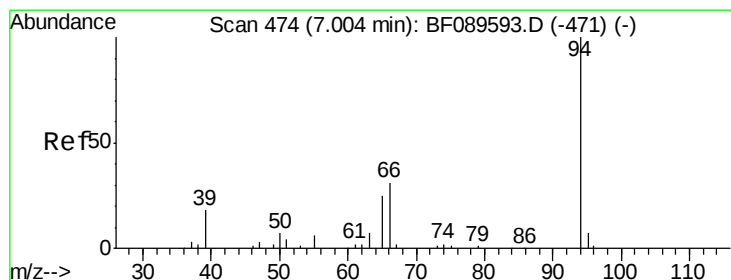
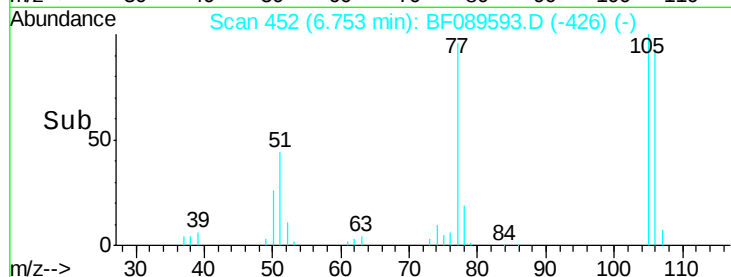
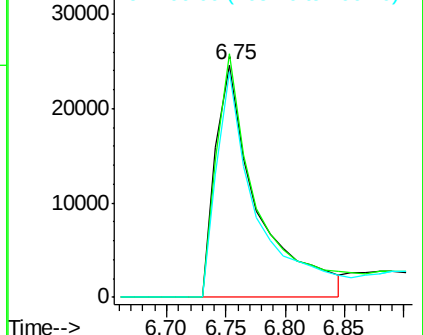
8/5/2016 6:58:48 PM



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: 40.96 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

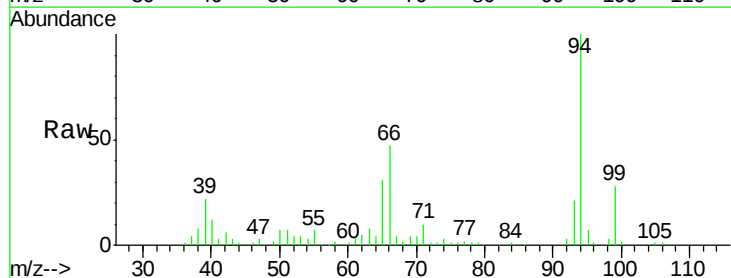
Tgt Ion: 94 Resp: 164631

Ion Ratio Lower Upper

94 100

65 31.0 11.0 51.0

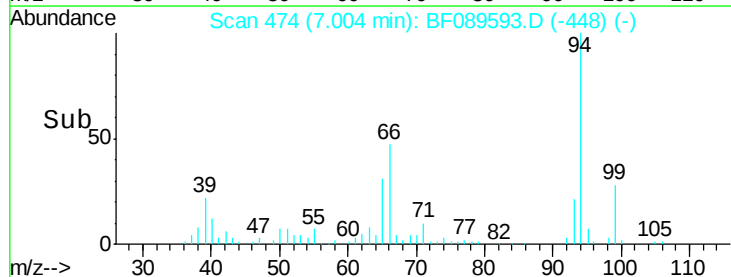
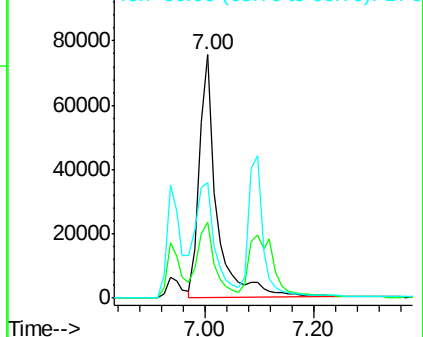
66 47.4 27.4 67.4

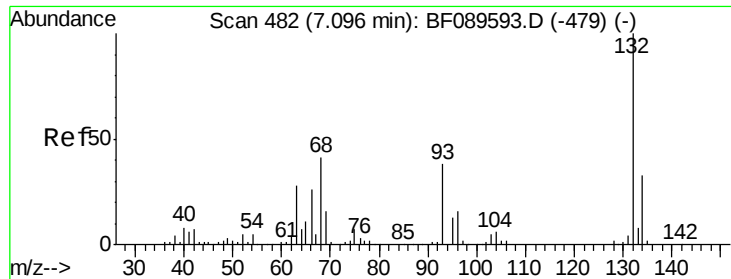


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





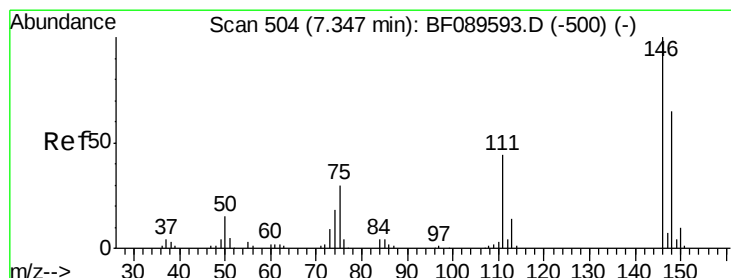
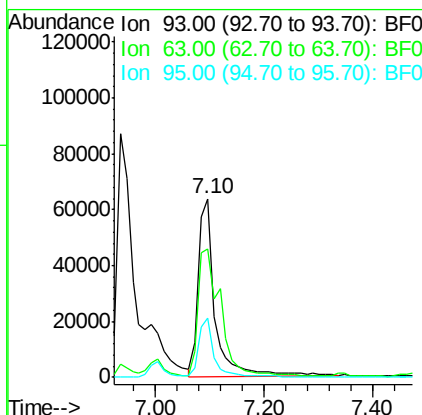
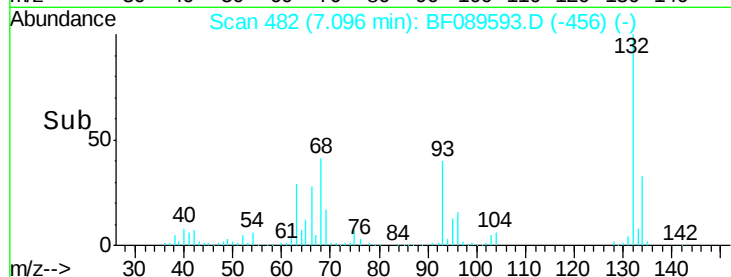
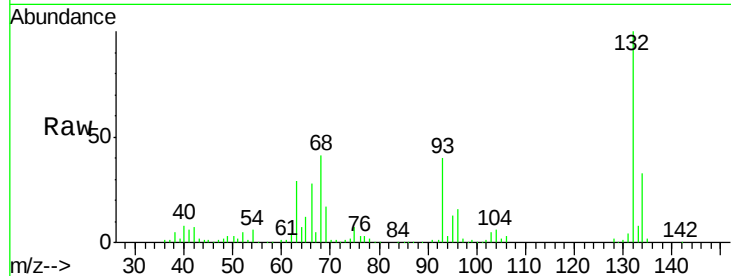
#11
bis(2-Chloroethyl)ether
Concen: 37.64 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	52.2	92.2
95	33.1	13.1	53.1

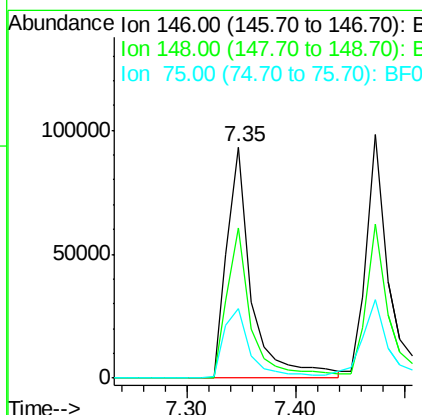
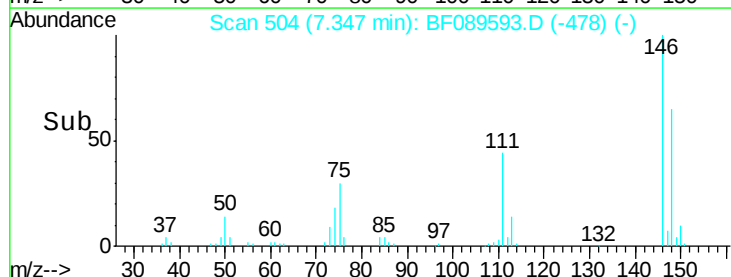
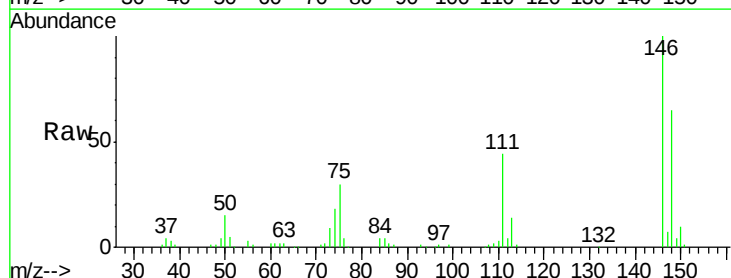
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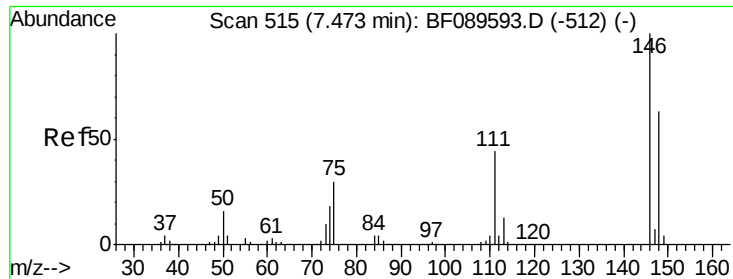
sohil
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#12
1,3-Dichlorobenzene
Concen: 38.44 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
75	30.1	24.1	36.1





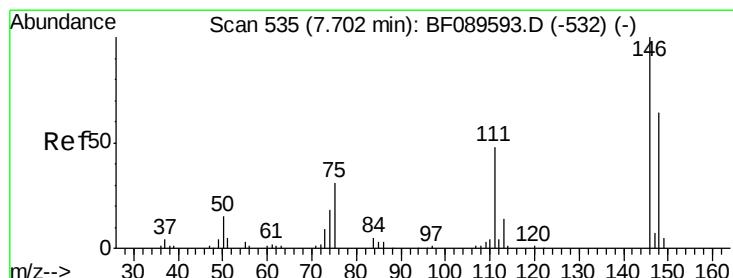
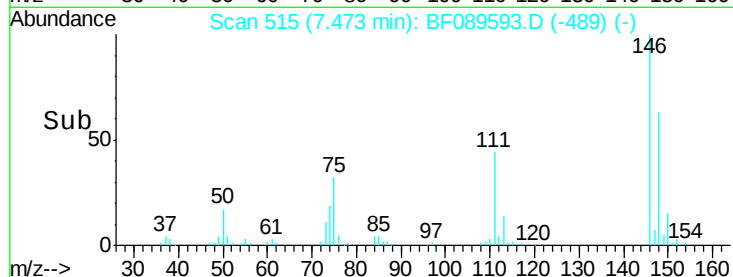
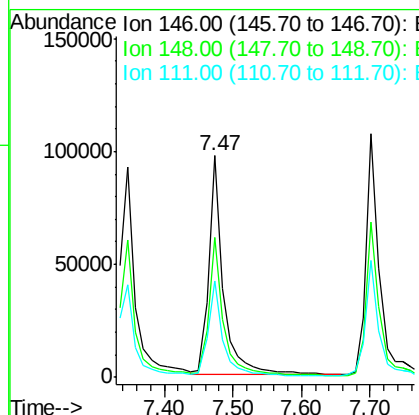
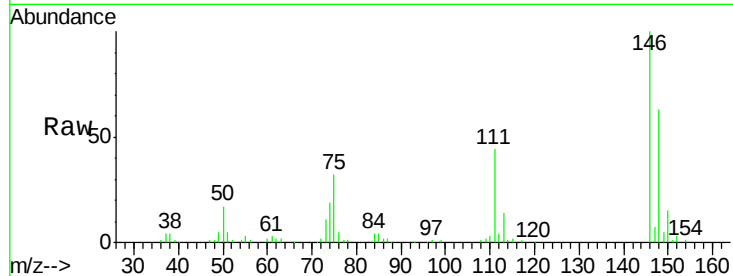
#13
 1,4-Dichlorobenzene
 Concen: 37.52 ng
 RT: 7.47 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
146	100	143335		
148	63.0		50.4	75.6
111	43.7		35.0	52.4

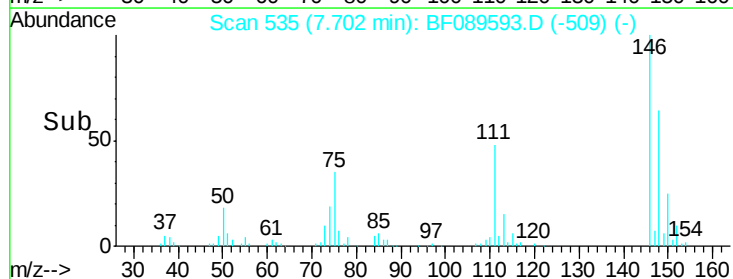
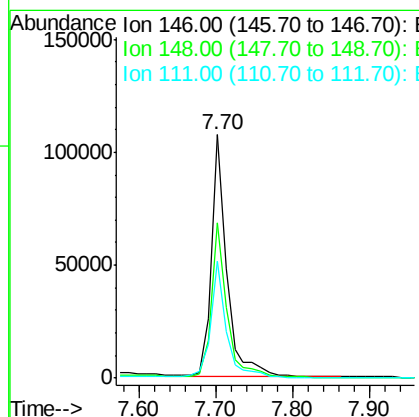
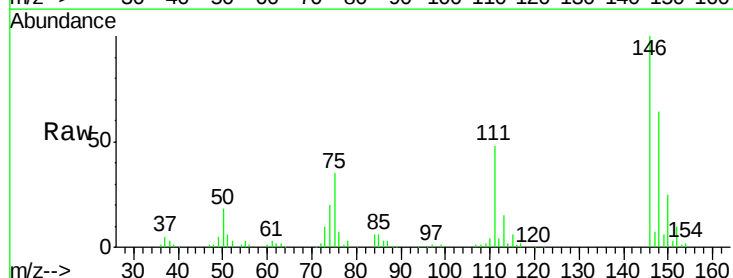
Manual Integrations
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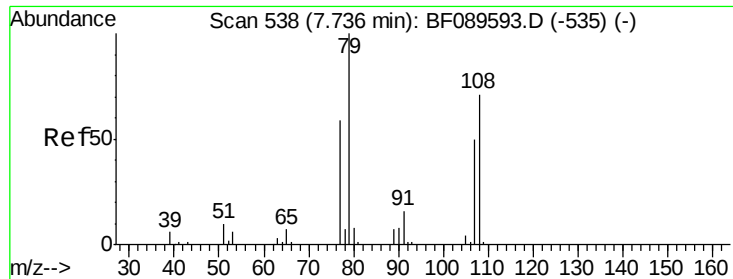
sohil
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#14
 1,2-Dichlorobenzene
 Concen: 37.58 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	148461		
148	63.8		51.0	76.6
111	48.1		38.5	57.7





#15

Benzyl Alcohol

Concen: 41.52 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

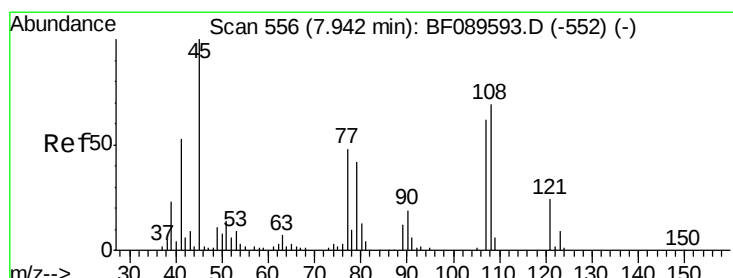
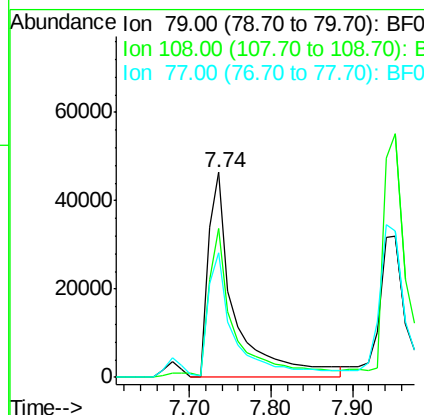
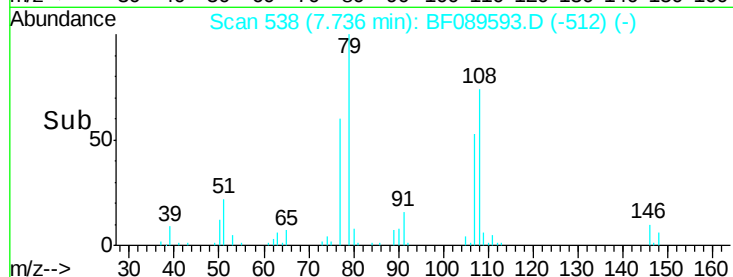
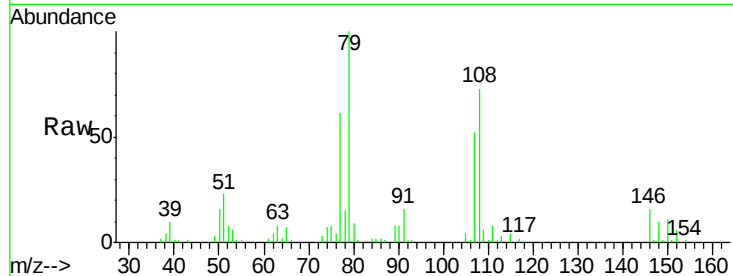
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	105269
Ion Ratio	Lower	Upper	
79	100		
108	72.9	58.3	87.5
77	60.9	48.7	73.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.08 ng

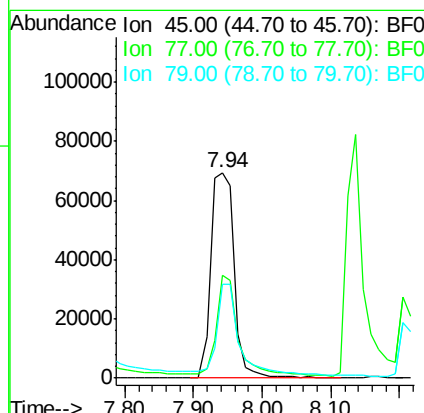
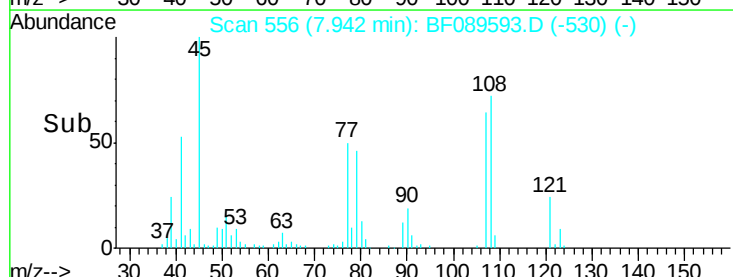
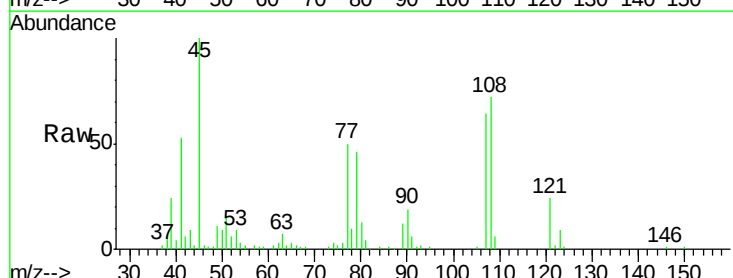
RT: 7.94 min Scan# 556

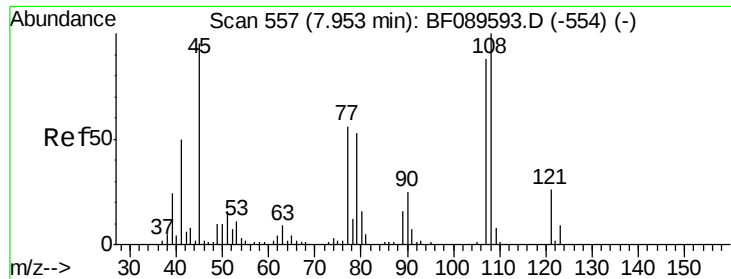
Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion:	45	Resp:	165798
Ion Ratio	Lower	Upper	
45	100		
77	50.1	30.1	70.1
79	45.5	25.5	65.5





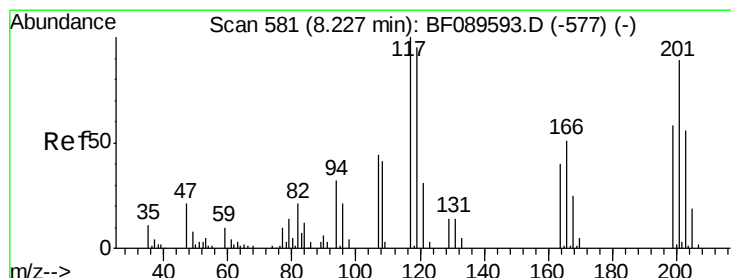
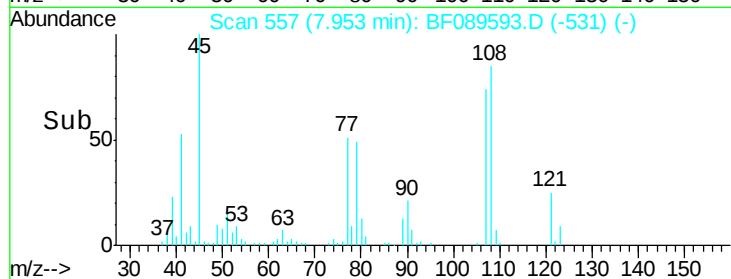
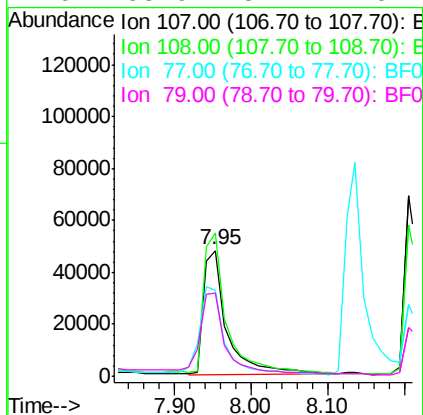
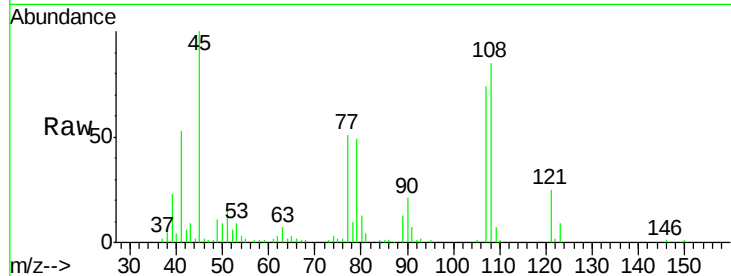
#17
2-Methylphenol
Concen: 39.28 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	100360		
108	108	114.0	91.2	136.8	
77	77	68.3	54.6	82.0	
79	79	65.9	52.7	79.1	

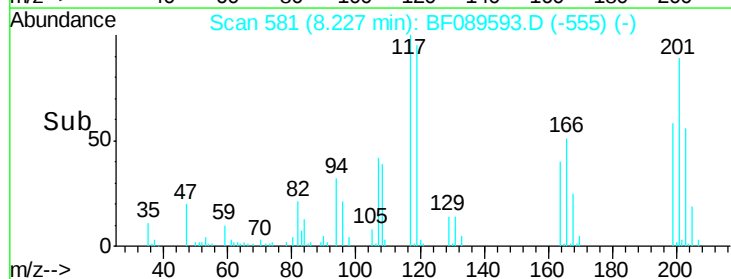
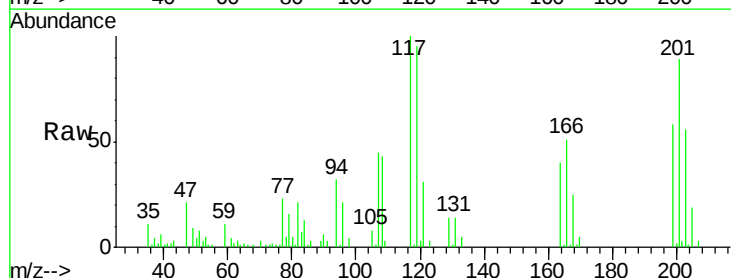
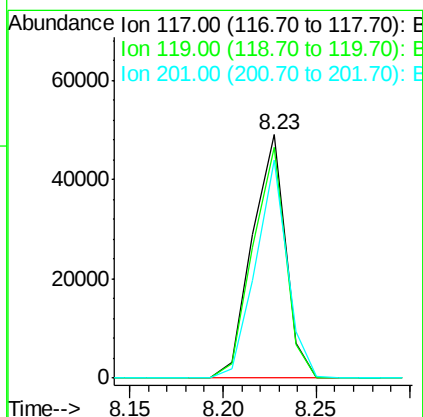
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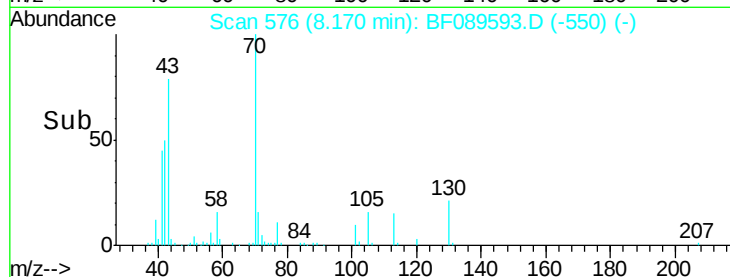
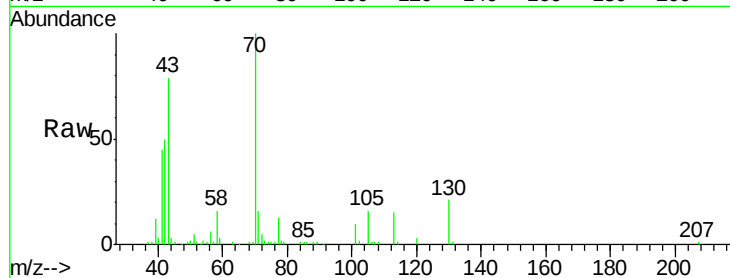
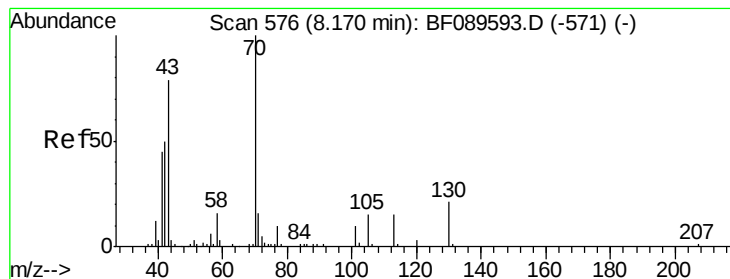
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#18
Hexachloroethane
Concen: 37.70 ng
RT: 8.23 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	60411		
119	119	94.6	75.7	113.5	
201	201	89.5	71.6	107.4	





#19

n-Nitroso-di-n-propylamine

Concen: 40.64 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tot Ion	70	Resp	111358
Ion Ratio	Lower	Upper	
70	100		
42	50.2	40.2	60.2
101	9.7	7.8	11.6
130	20.5	16.4	24.6

Instrument :

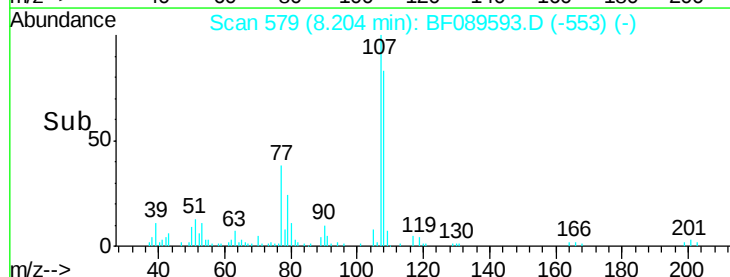
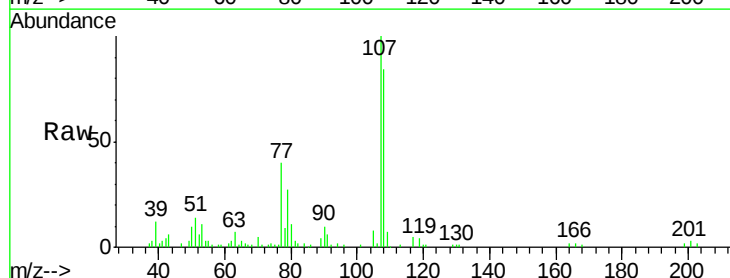
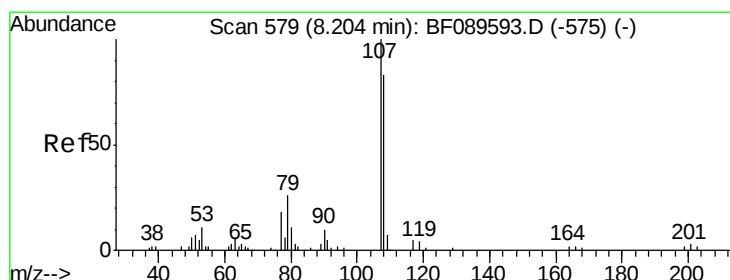
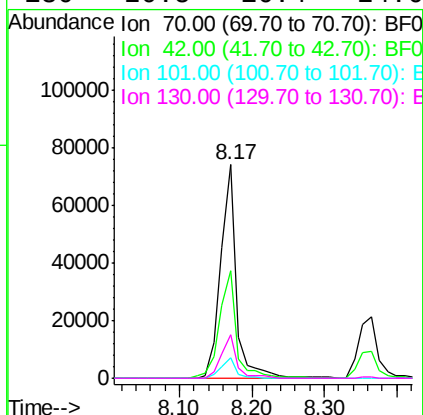
BNA_F

ClientSampleId :

SSTDICCC040

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#20

3+4-Methylphenols

Concen: 39.18 ng

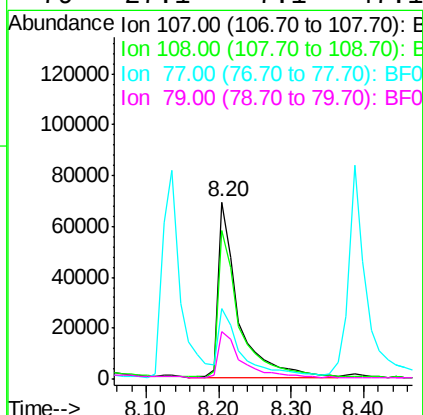
RT: 8.20 min Scan# 579

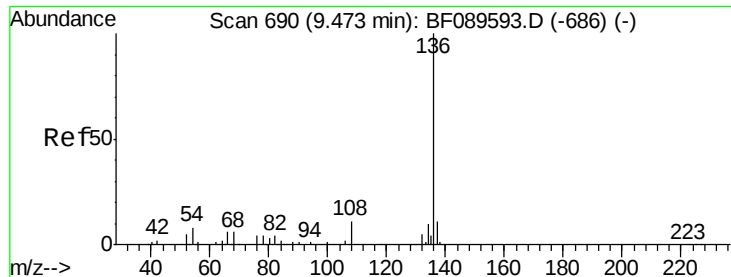
Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion	107	Resp	130890
Ion Ratio	Lower	Upper	
107	100		
108	83.8	63.8	103.8
77	39.5	19.5	59.5
79	27.1	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: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

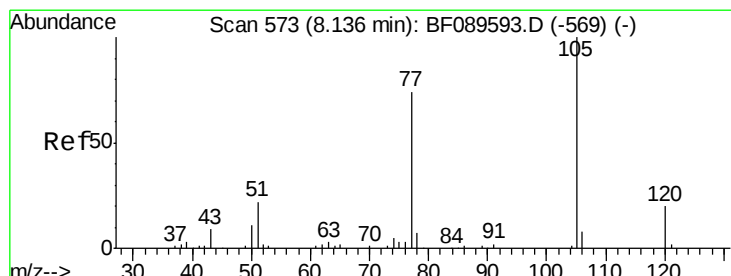
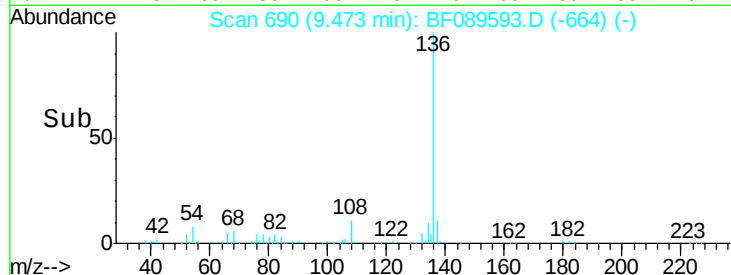
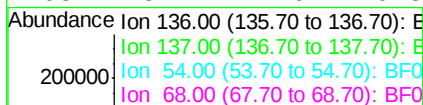
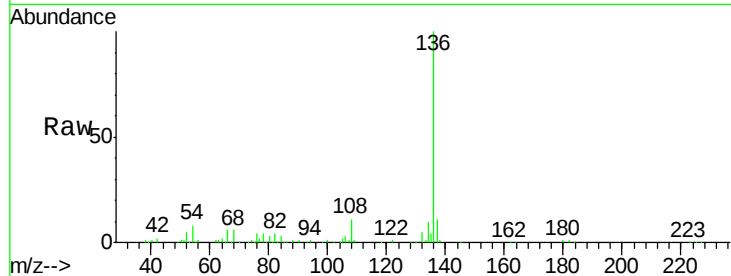
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		206996		
137	10.7		8.6	12.8	
54	7.5		6.0	9.0	
68	5.7		4.6	6.8	

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#22

Acetophenone

Concen: 42.10 ng

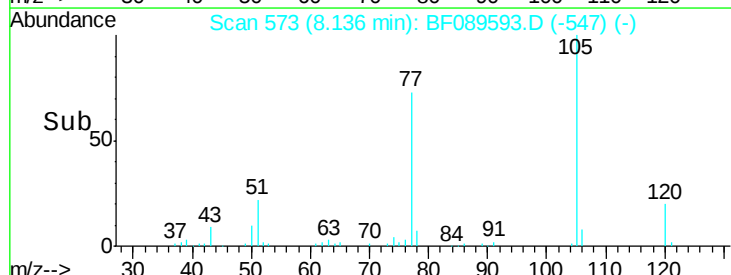
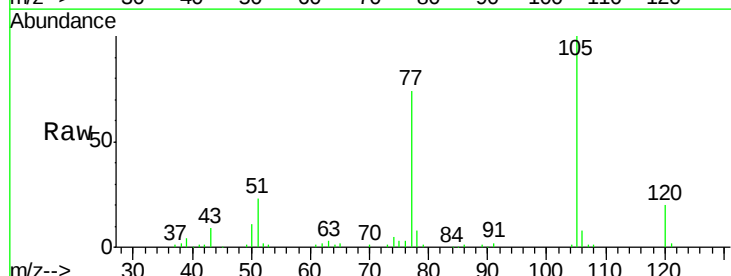
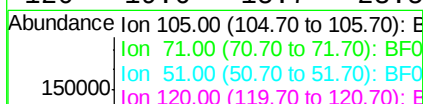
RT: 8.14 min Scan# 573

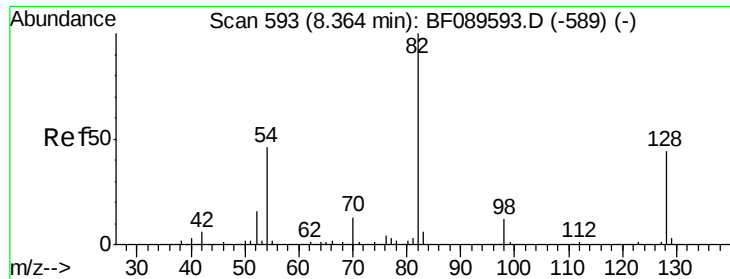
Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		211731		
71	0.0		0.0	0.0	
51	22.7		18.2	27.2	
120	19.6		15.7	23.5	





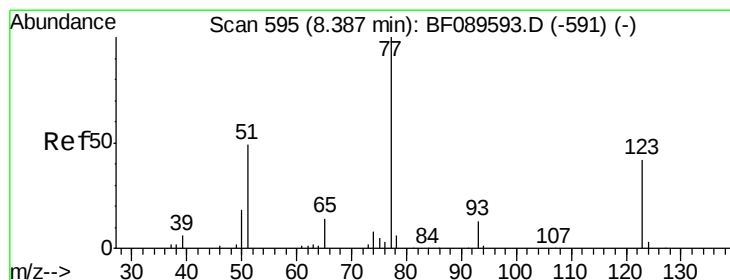
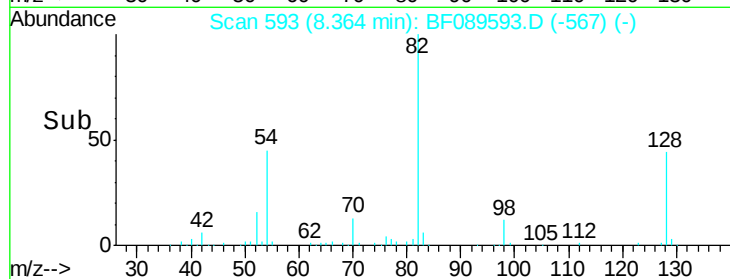
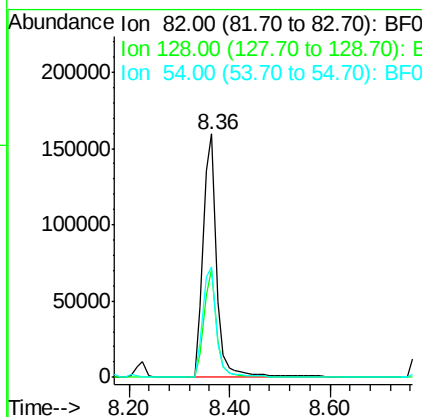
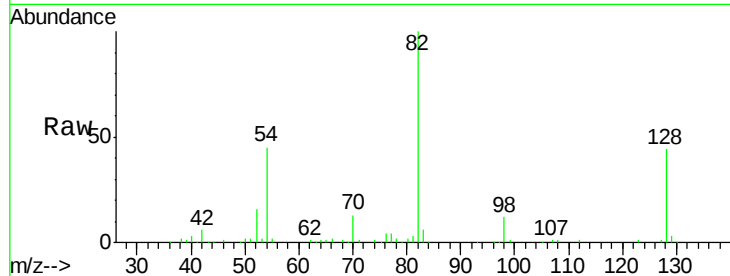
#23
Nitrobenzene-d5
Concen: 80.57 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.4	53.0
54	45.5	36.4	54.6

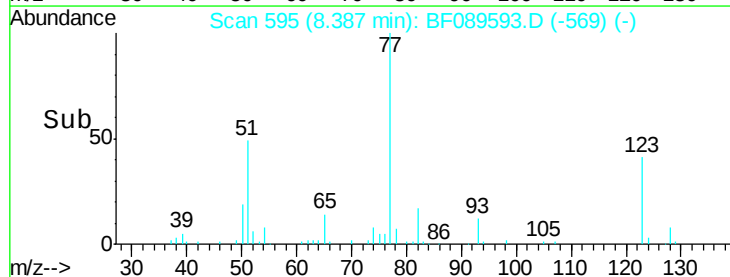
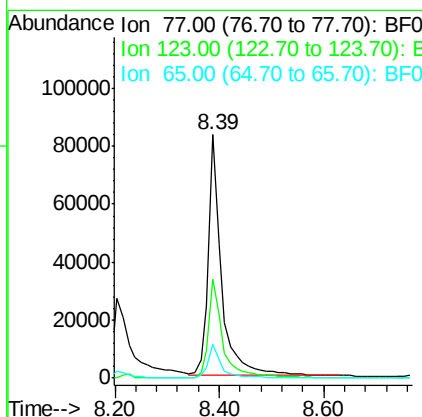
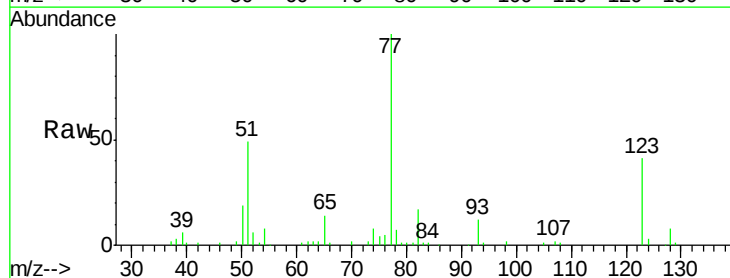
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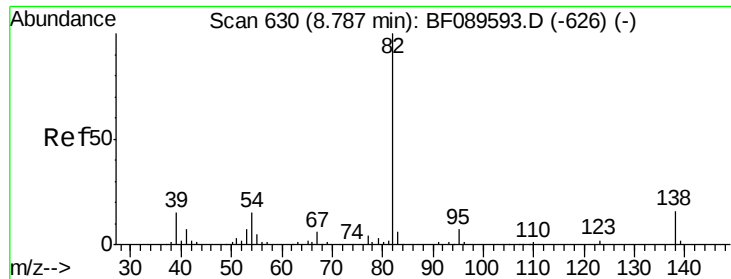
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#24
Nitrobenzene
Concen: 38.76 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.8	32.6	49.0
65	13.8	11.0	16.6





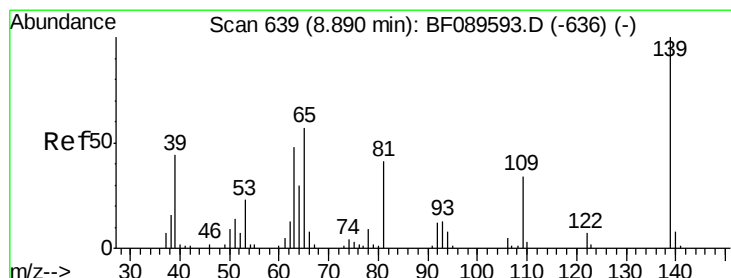
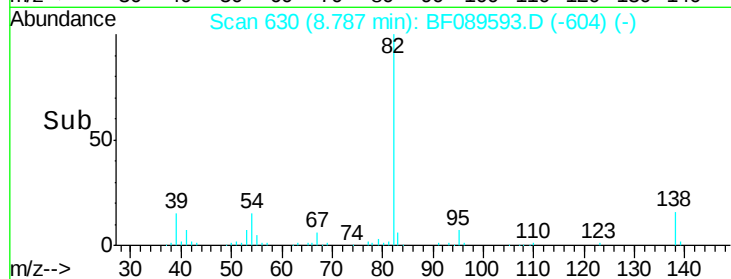
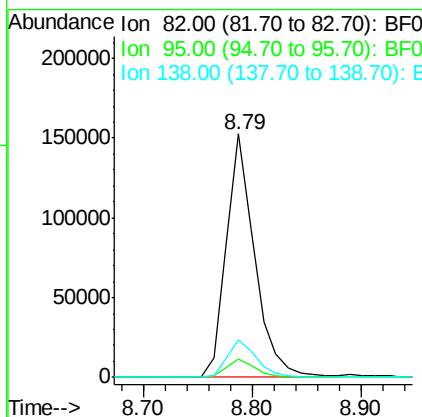
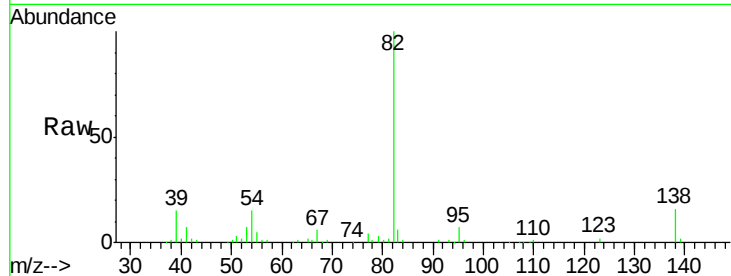
#25
Isophorone
Concen: 38.33 ng
RT: 8.79 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	272651		
95	7.3		5.8	8.8
138	15.7		12.6	18.8

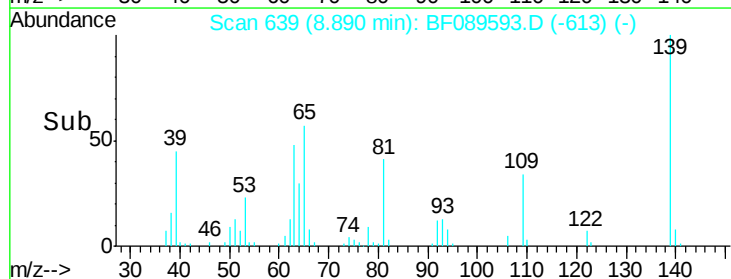
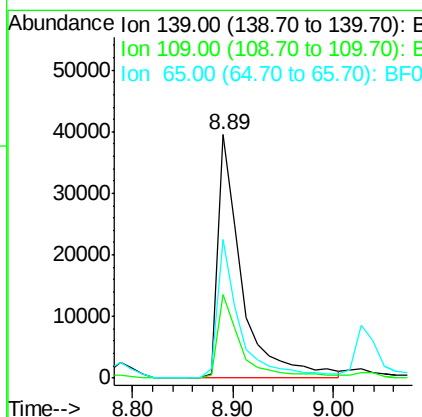
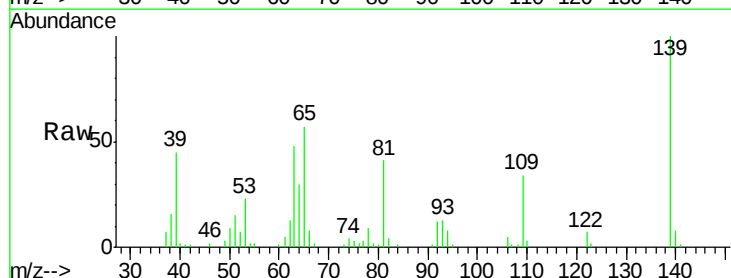
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#26
2-Nitrophenol
Concen: 39.98 ng
RT: 8.89 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	65102		
109	34.4		27.5	41.3
65	57.1		45.7	68.5





#27

2,4-Dimethylphenol

Concen: 40.87 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

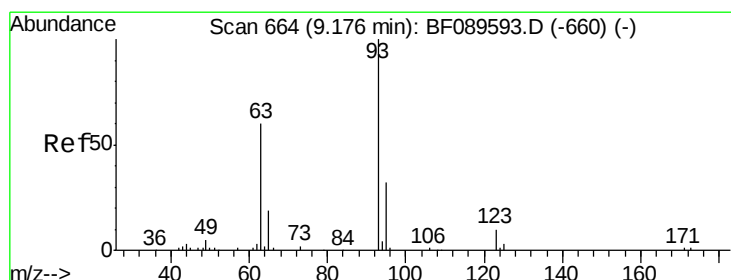
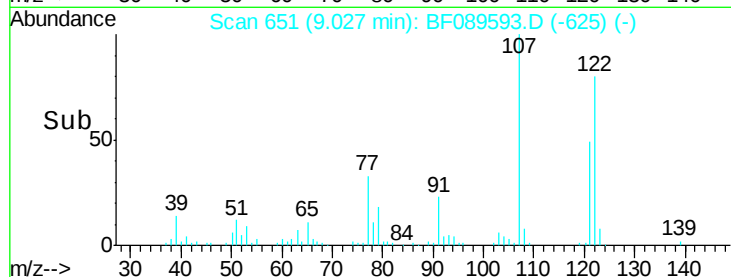
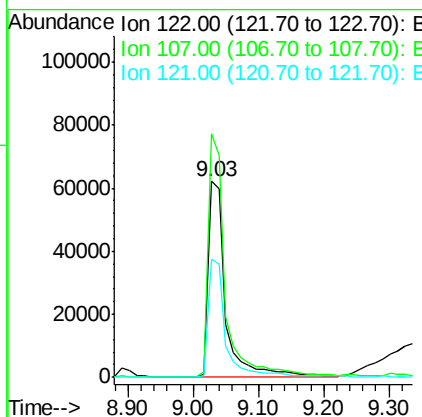
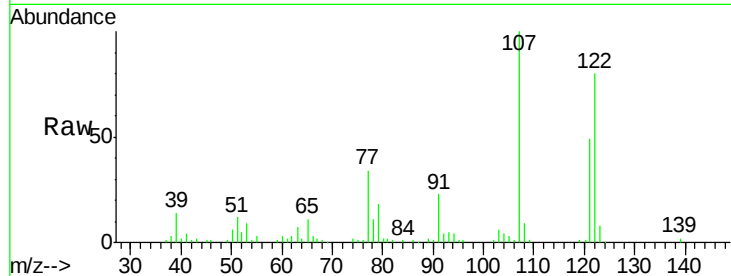
ClientSampleId :

SSTDICCC040

Tot Ion:	122	Resp:	118857
Ion Ratio	Lower	Upper	
122	100		
107	124.4	99.5	149.3
121	60.6	48.5	72.7

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8/5/2016 6:58:48 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.00 ng

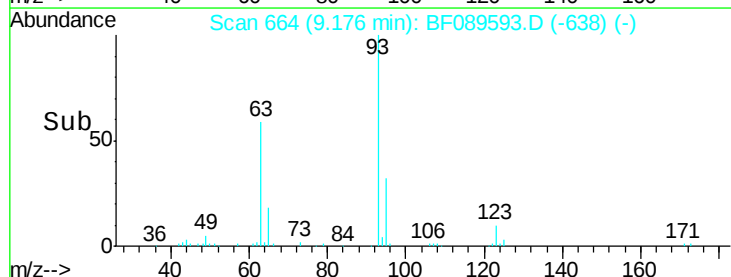
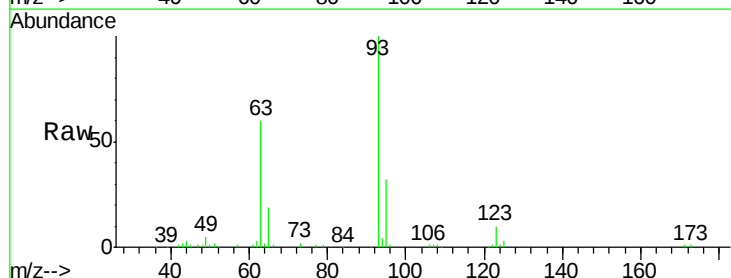
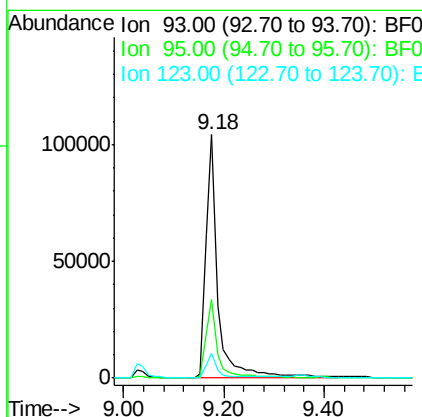
RT: 9.18 min Scan# 664

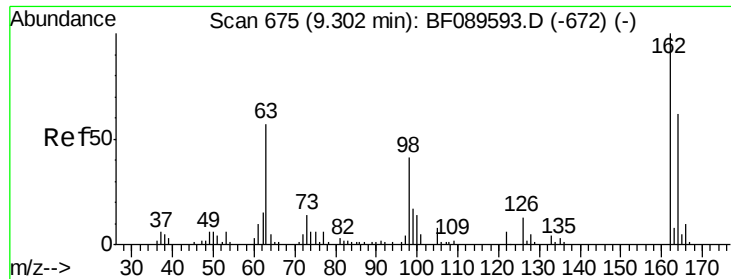
Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion:	93	Resp:	174689
Ion Ratio	Lower	Upper	
93	100		
95	32.3	25.8	38.8
123	10.0	8.0	12.0





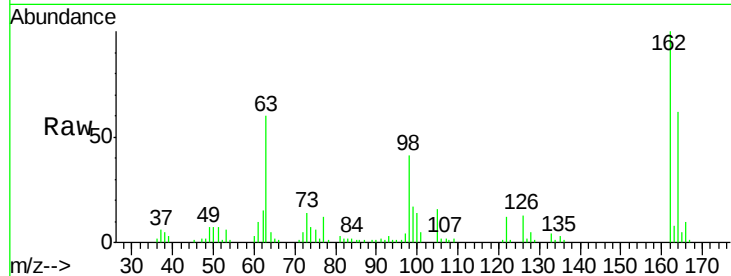
#29
2,4-Dichlorophenol
Concen: 39.87 ng
RT: 9.30 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

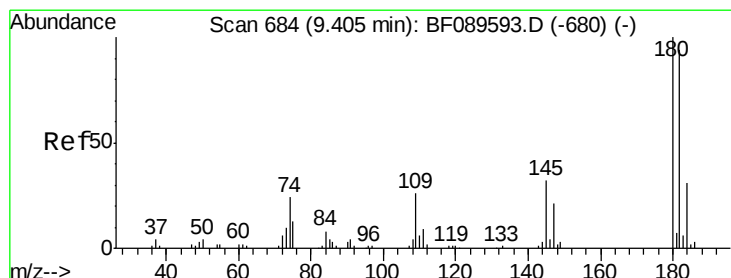
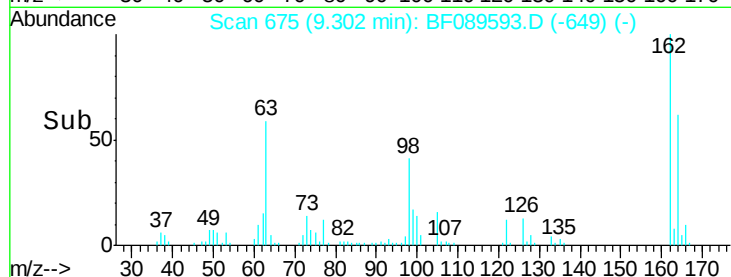
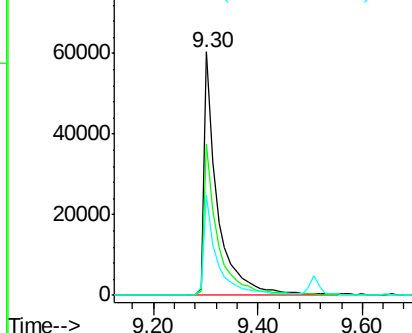
Tot Ion	Ratio	Resp	Lower	Upper
162	100	109481		
164	62.3		42.3	82.3
98	41.2		21.2	61.2

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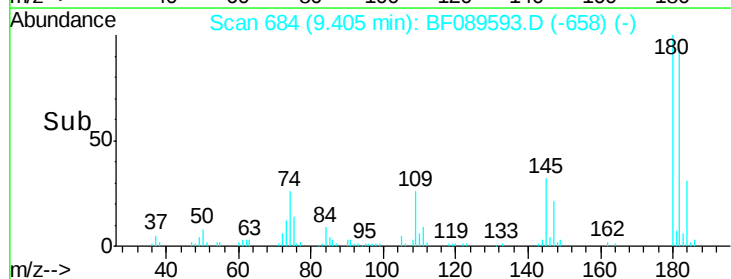
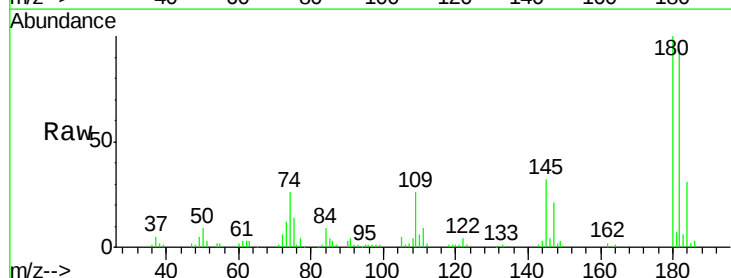
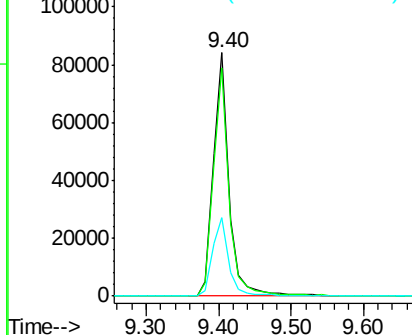
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

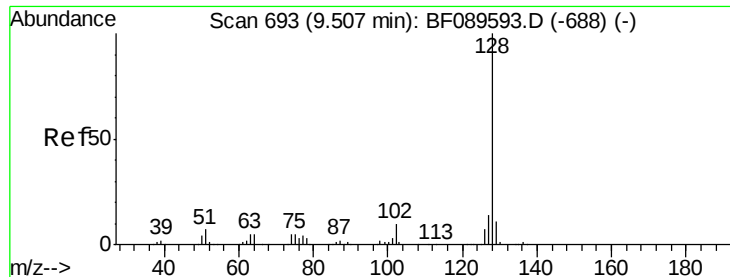


#30
1,2,4-Trichlorobenzene
Concen: 40.08 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	125414		
182	93.8		75.0	112.6
145	32.0		25.6	38.4

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.04 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

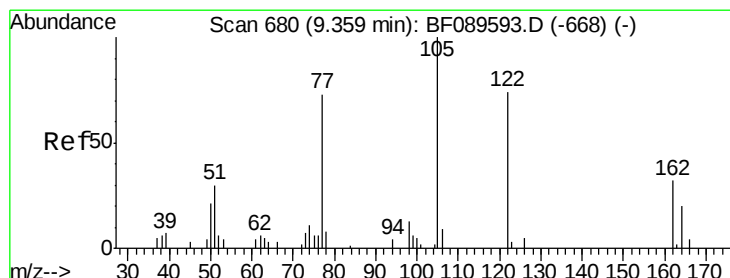
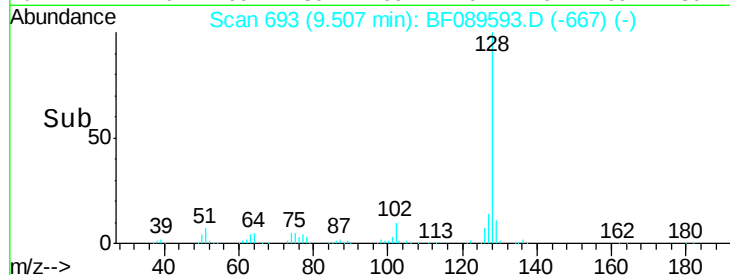
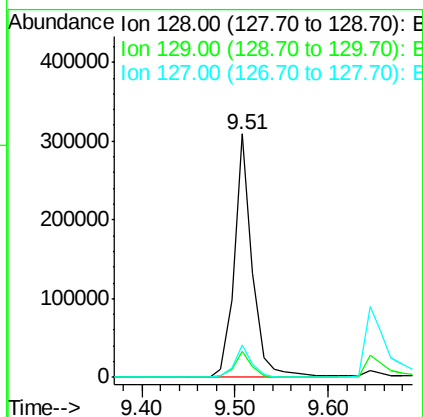
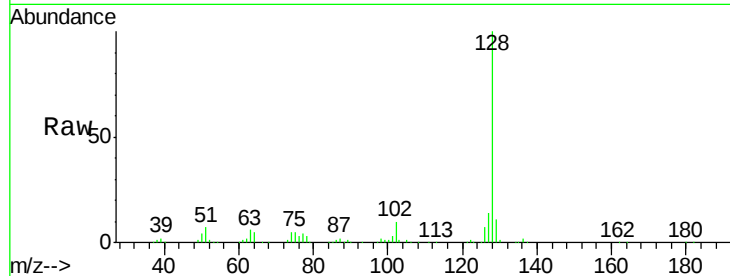
ClientSampleId :

SSTDICCC040

Tot Ion:	128	Resp:	417148
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.6	10.9	16.3

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#32

Benzoic acid

Concen: 38.54 ng

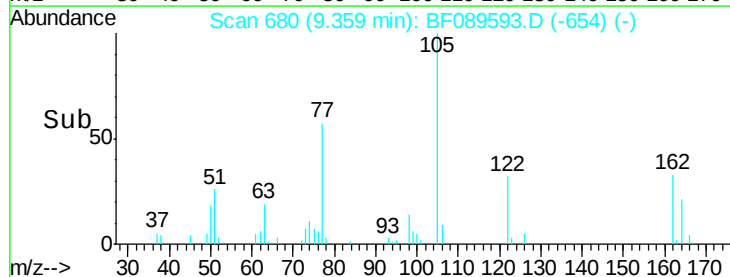
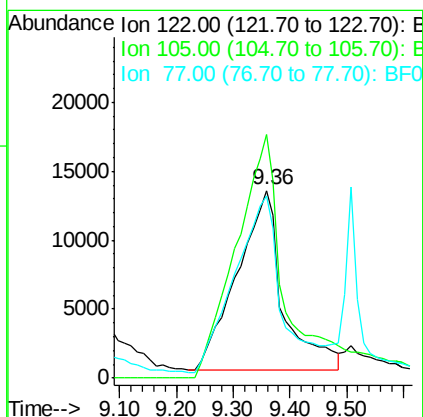
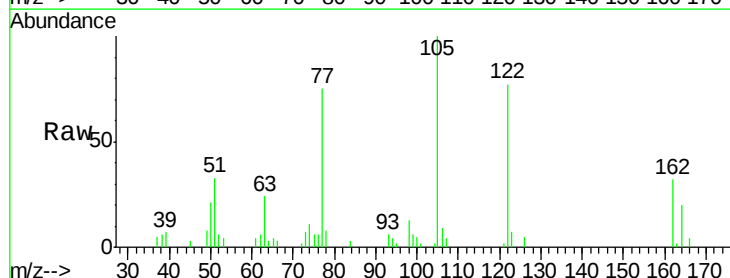
RT: 9.36 min Scan# 680

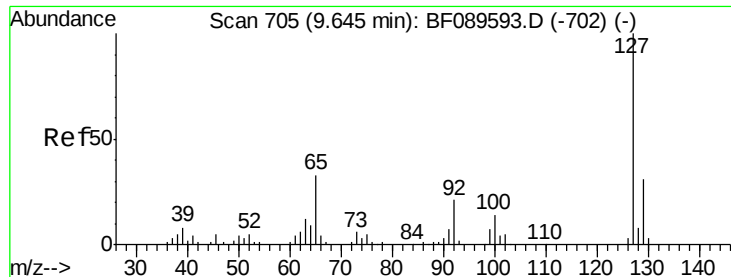
Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion:	122	Resp:	73955
Ion	Ratio	Lower	Upper
122	100		
105	129.9	109.9	149.9
77	97.5	77.5	117.5





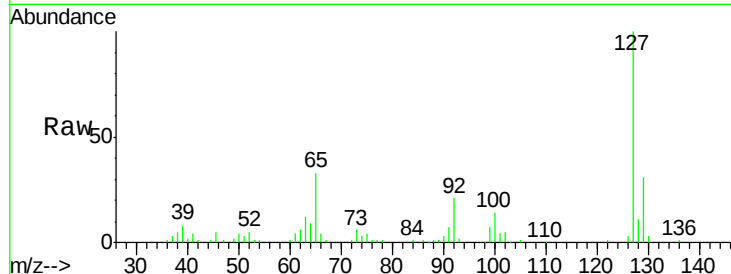
#33
4-Chloroaniline
Concen: 40.40 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

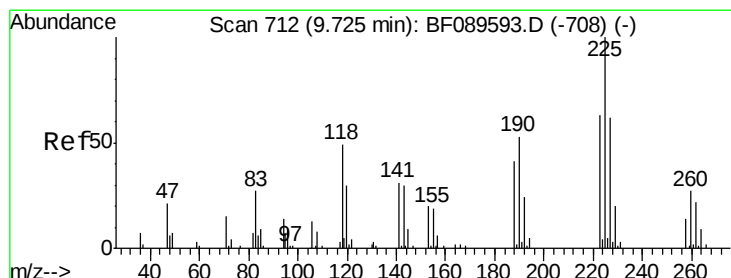
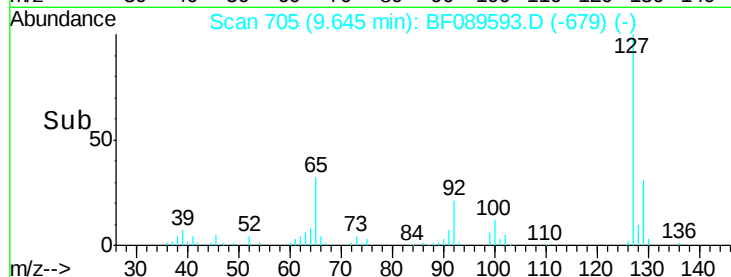
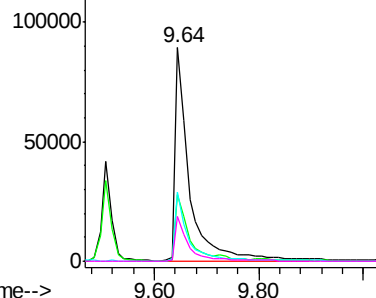
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		172934		
129	31.4	25.1	37.7		
65	32.7	26.2	39.2		
92	21.1	16.9	25.3		

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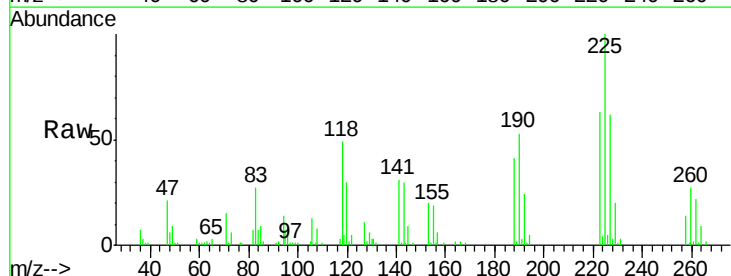


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

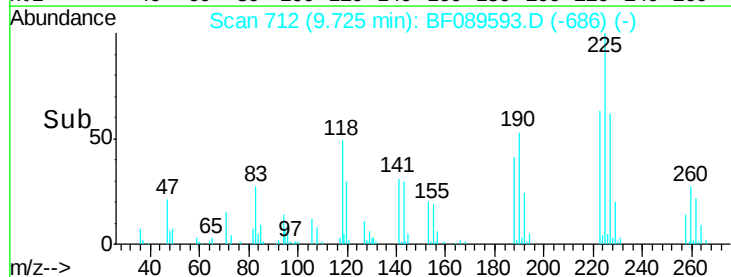
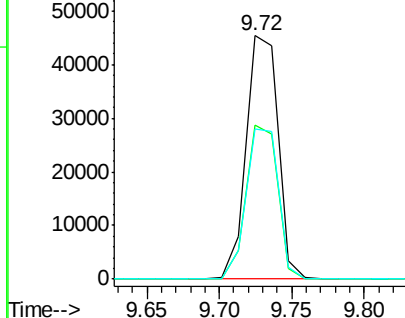


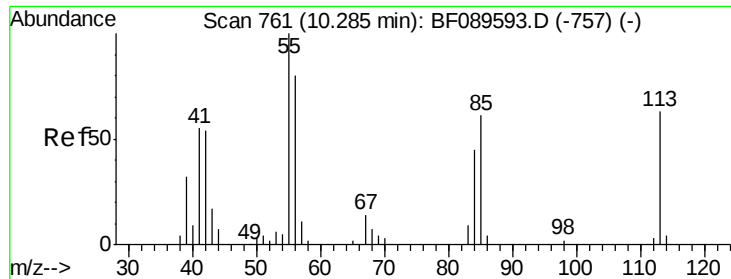
#34
Hexachlorobutadiene
Concen: 38.26 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		69414		
223	63.4	50.7	76.1		
227	61.7	49.4	74.0		



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





#35

Caprolactam

Concen: 40.87 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

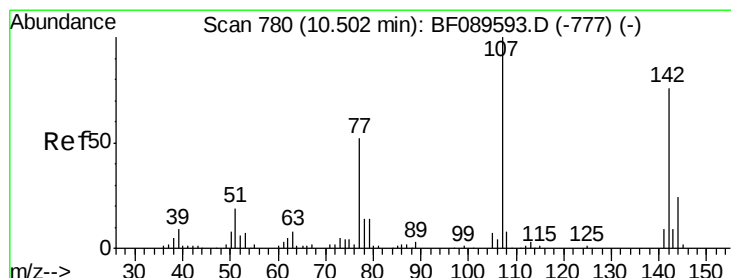
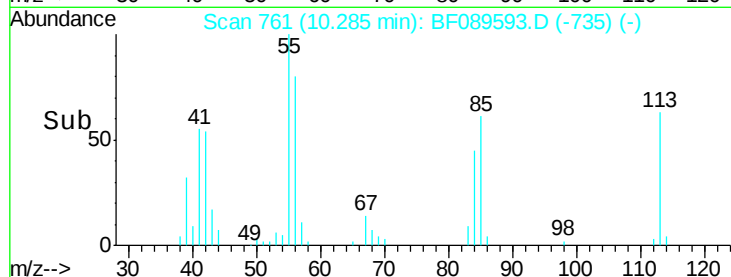
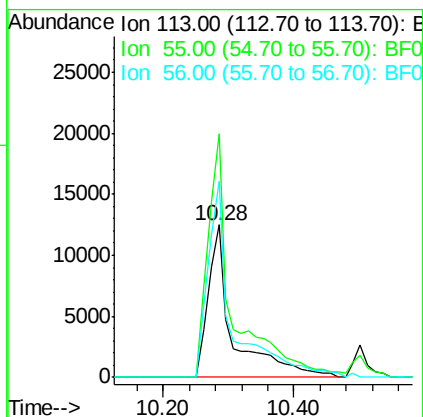
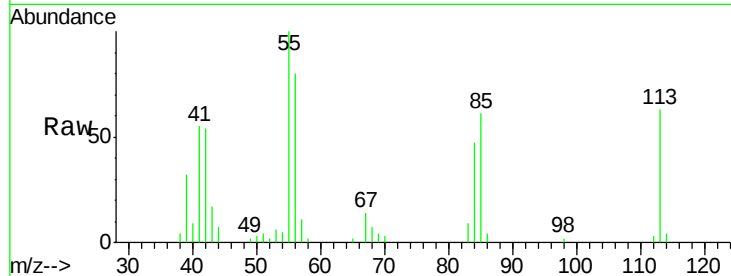
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	159.6	139.6	179.6		
56	128.2	108.2	148.2		

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#36

4-Chloro-3-methylphenol

Concen: 41.54 ng

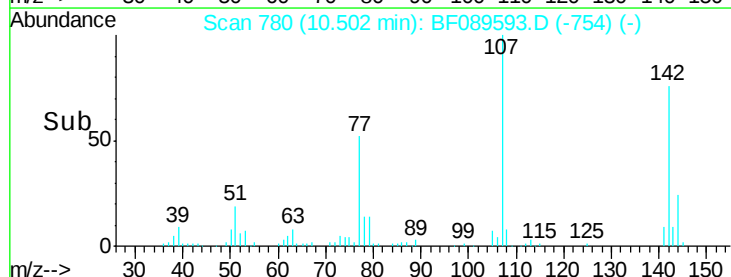
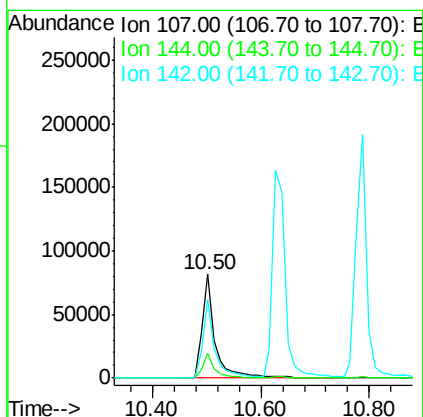
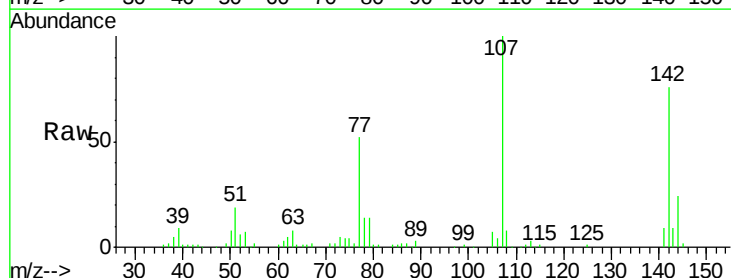
RT: 10.50 min Scan# 780

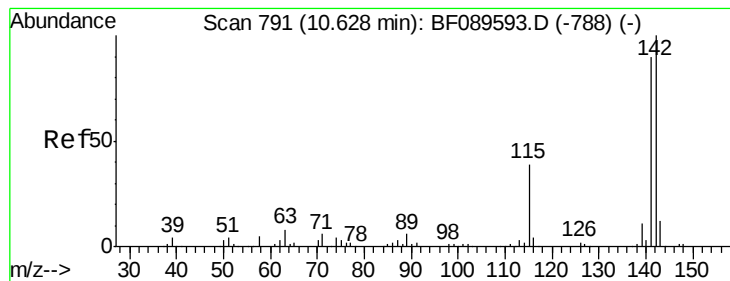
Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.6	18.9	28.3		
142	75.5	60.4	90.6		





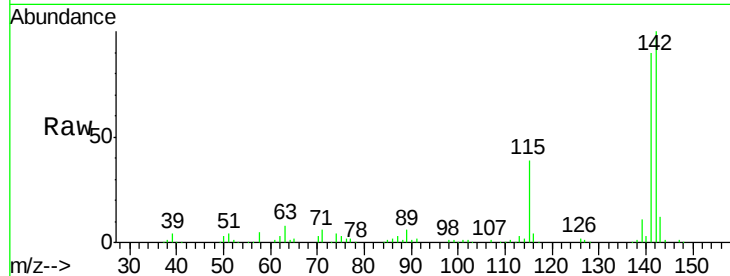
#37
 2-Methylnaphthalene
 Concen: 38.66 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.8	107.6
115	38.7	31.0	46.4

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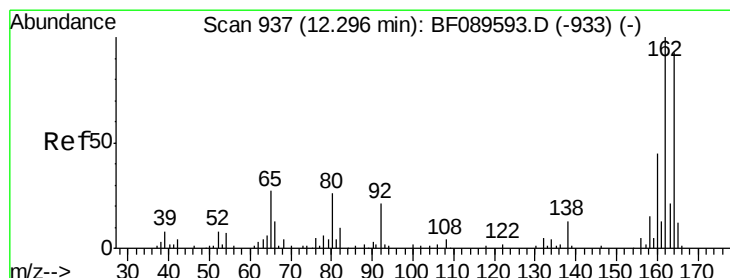
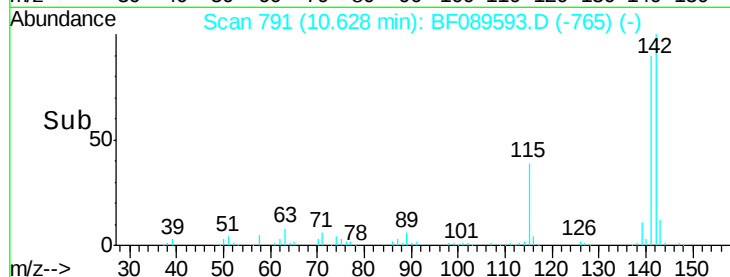
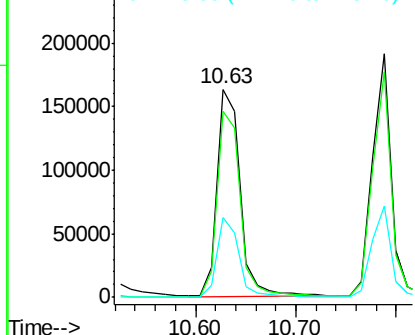


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

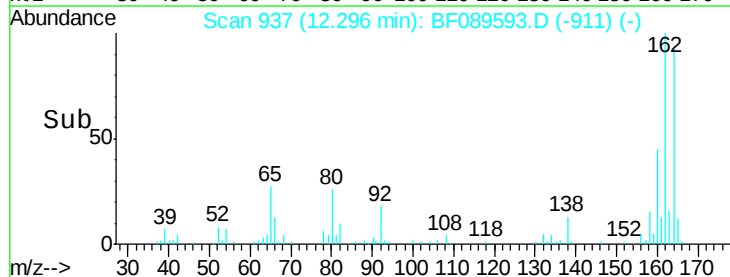
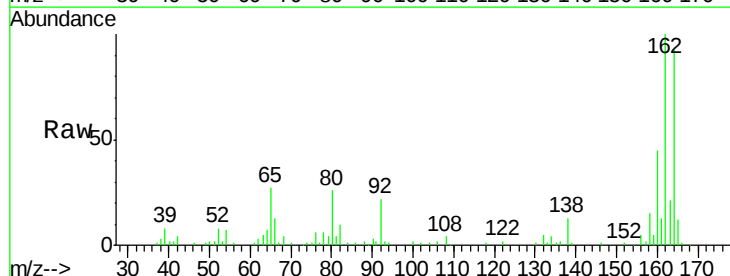
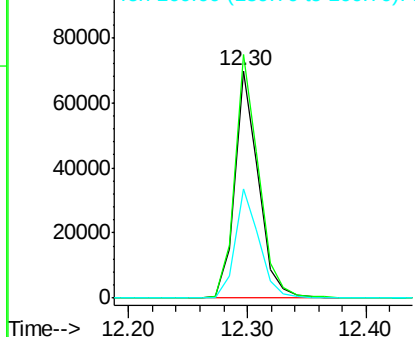
Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.7	128.5
160	47.8	38.2	57.4

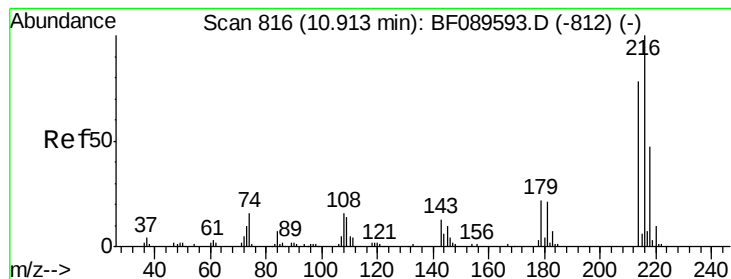
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.89 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

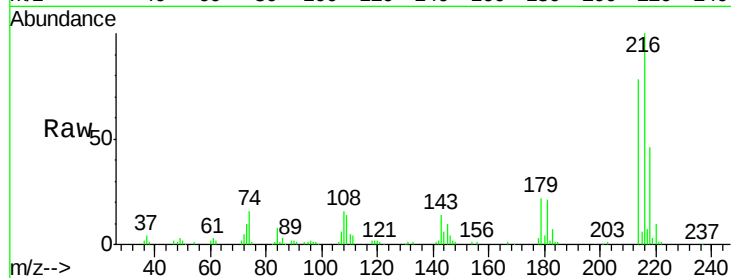
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	144605		
214	78.3		62.6	94.0
179	22.3		17.8	26.8
108	20.4		16.3	24.5

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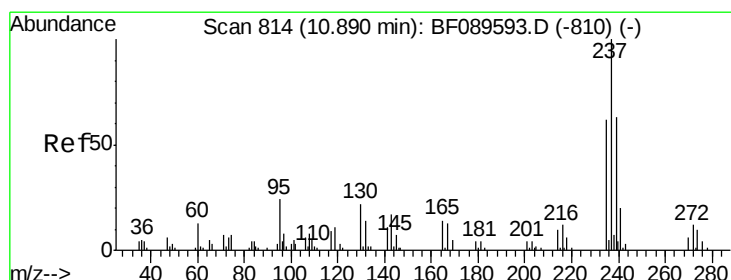
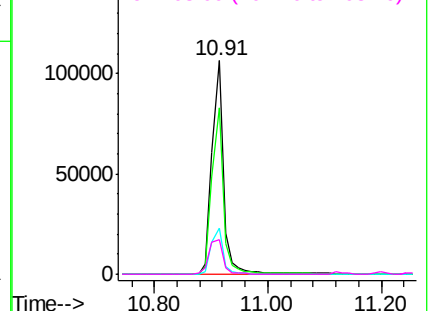
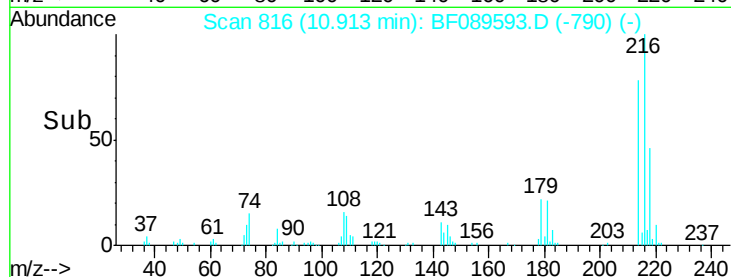


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.21 ng

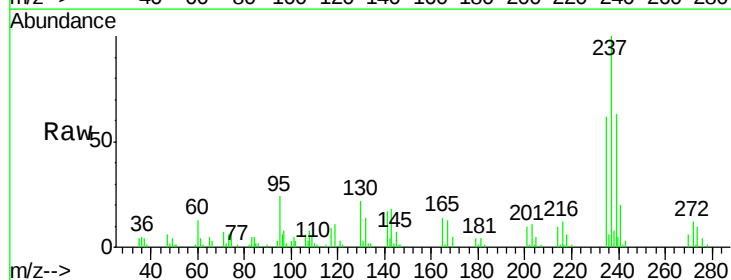
RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

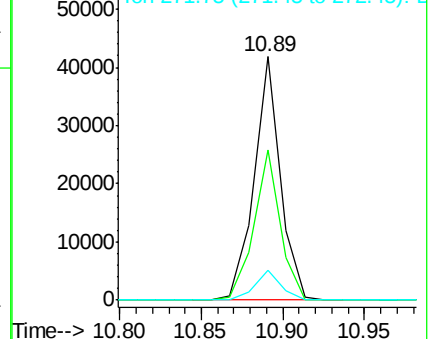
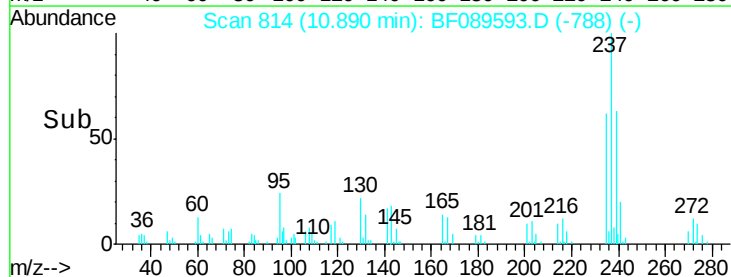
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	46495		
235	61.9		41.9	81.9
272	12.4		0.0	32.4

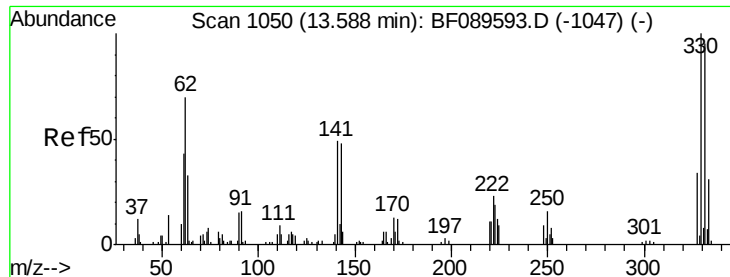


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





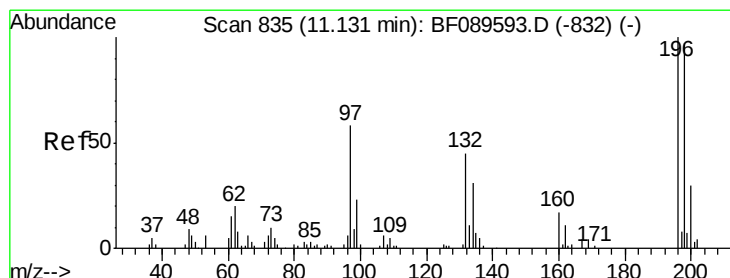
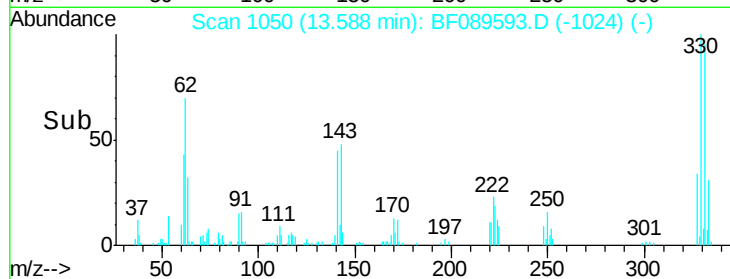
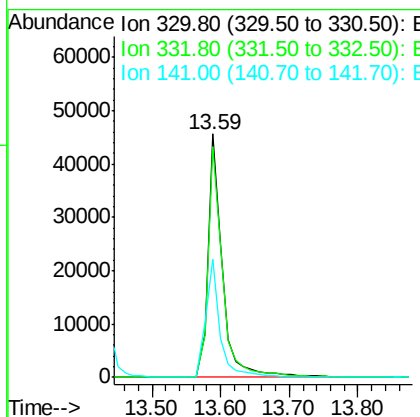
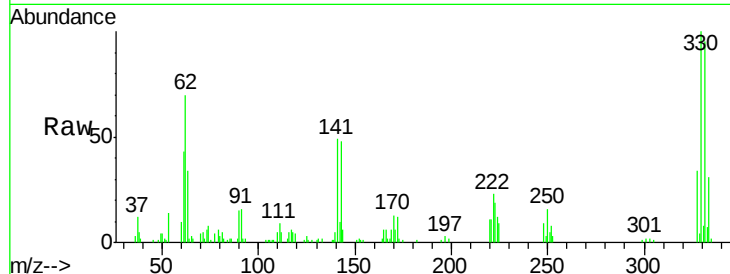
#41
 2,4,6-Tribromophenol
 Concen: 86.68 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	48.2	38.6	57.8

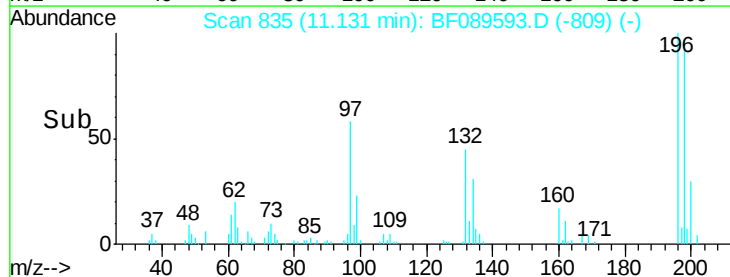
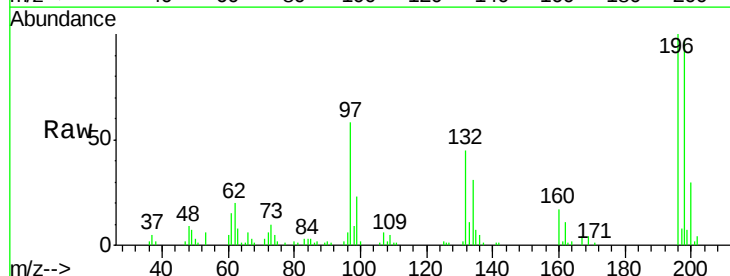
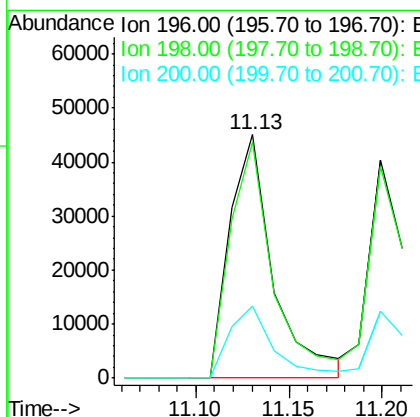
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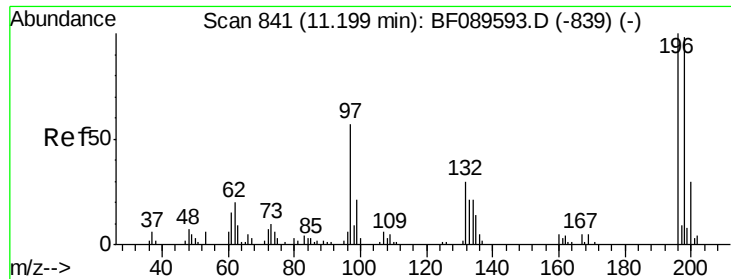
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#42
 2,4,6-Trichlorophenol
 Concen: 41.34 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.6	116.4
200	29.8	23.8	35.8





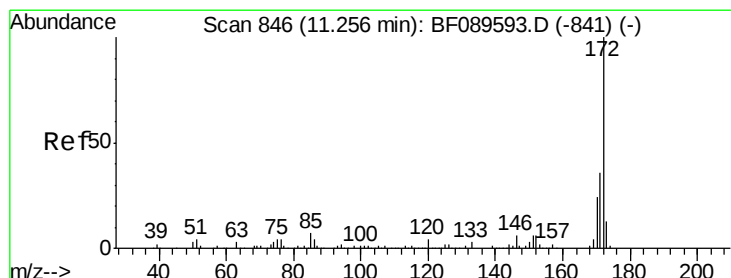
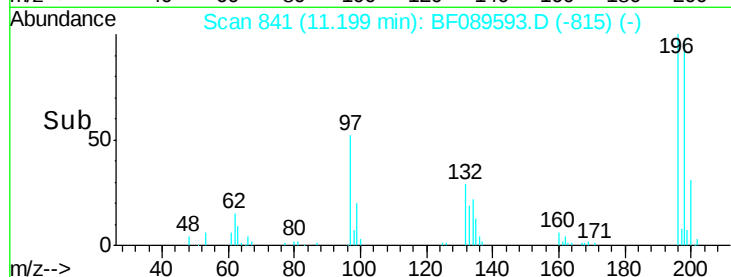
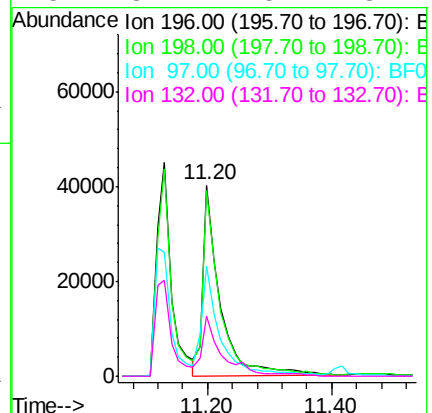
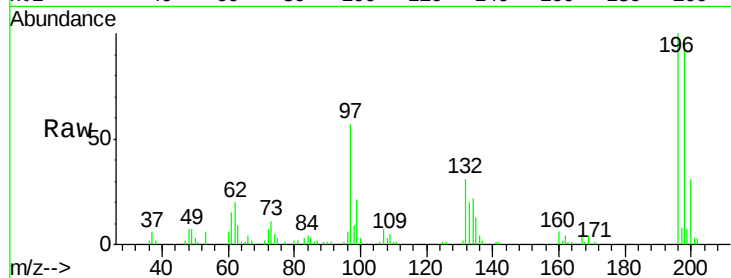
#43
 2,4,5-Trichlorophenol
 Concen: 40.87 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.8	116.6
97	57.2	45.8	68.6
132	31.4	25.1	37.7

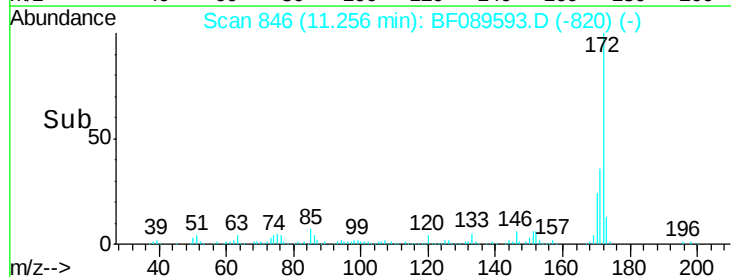
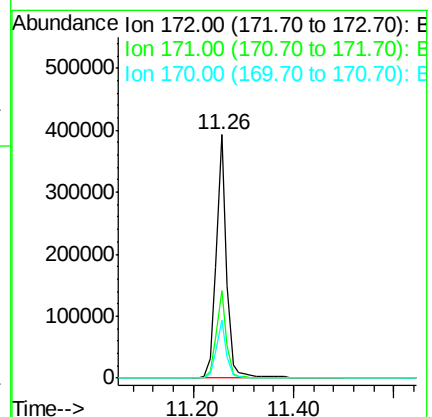
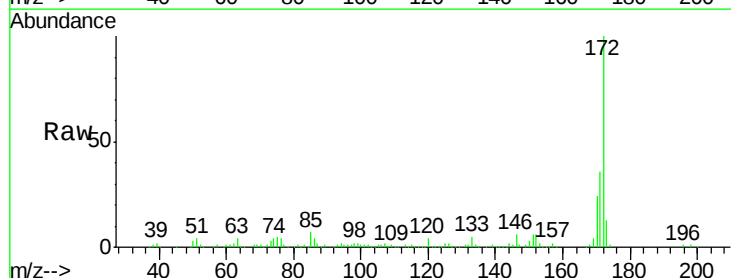
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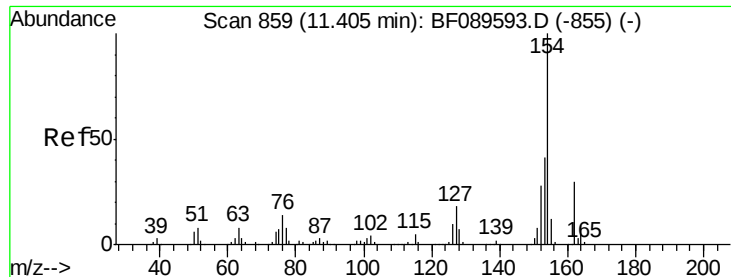
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#44
 2-Fluorobiphenyl
 Concen: 76.12 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.8	19.0	28.6





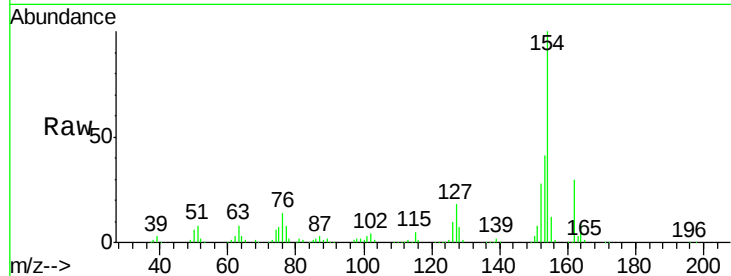
#45
 1,1'-Biphenyl
 Concen: 39.37 ng
 RT: 11.40 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

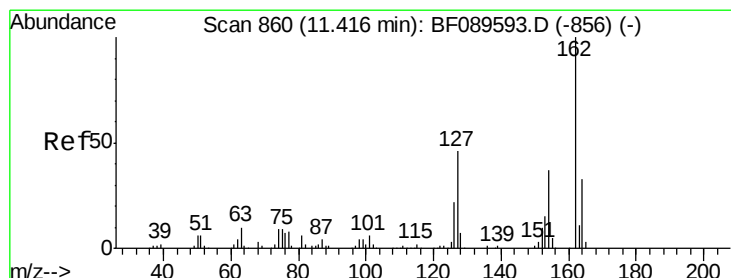
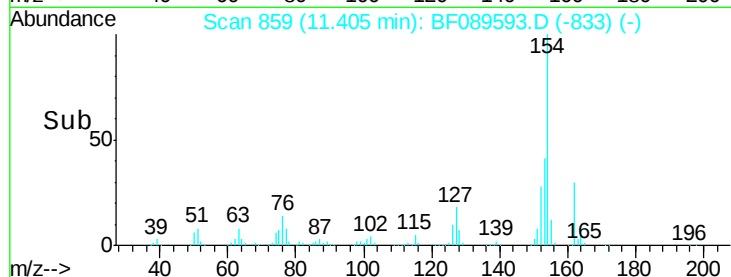
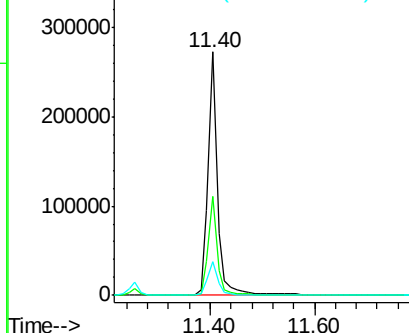
Tot Ion	Ratio	Resp	Lower	Upper
154	100	341602		
153	40.6		20.6	60.6
76	13.7		0.0	33.7

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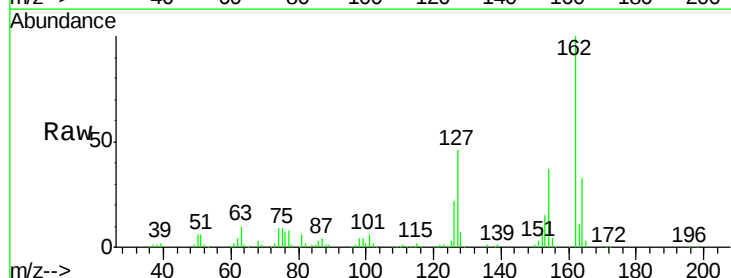


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

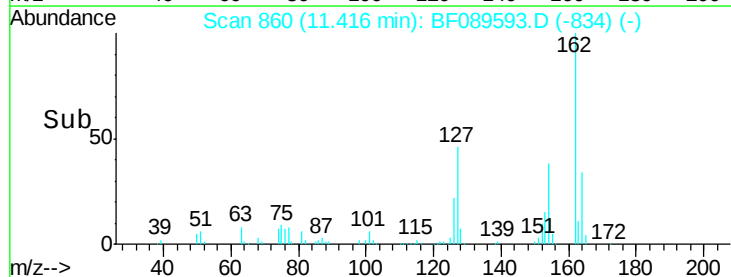
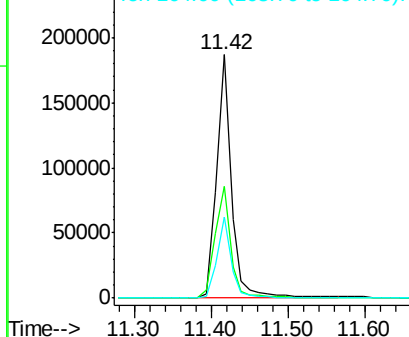


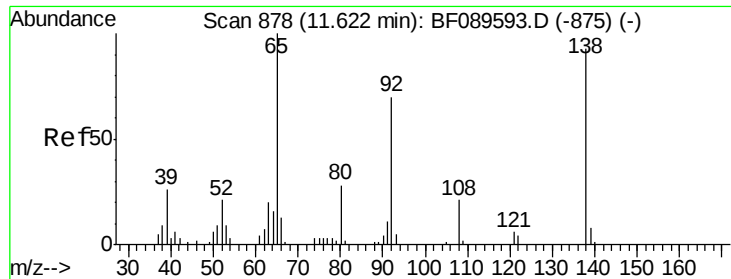
#46
 2-Chloronaphthalene
 Concen: 39.21 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	254129		
127	45.7		36.6	54.8
164	33.5		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: 40.45 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

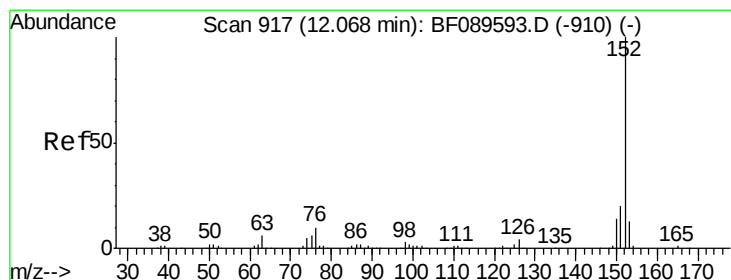
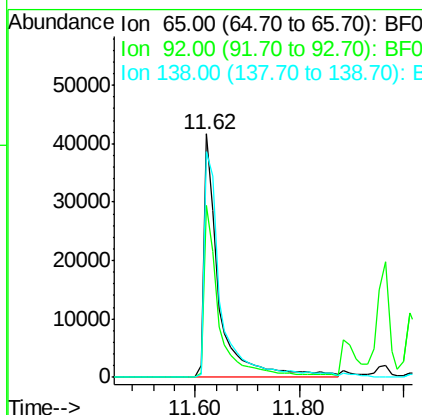
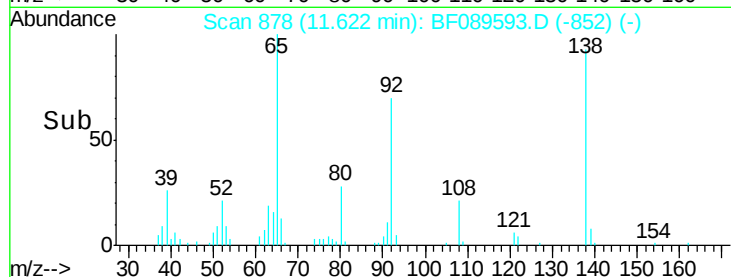
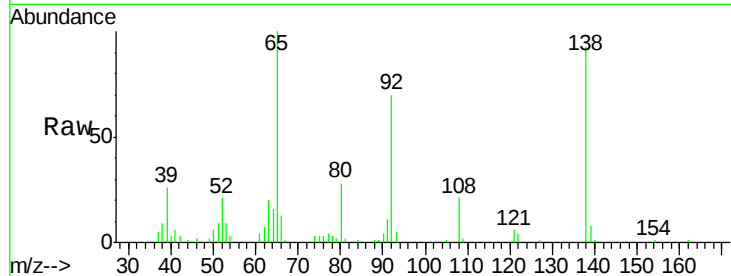
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.4	56.3	84.5
138	92.9	74.3	111.5

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#48

Acenaphthylene

Concen: 38.57 ng

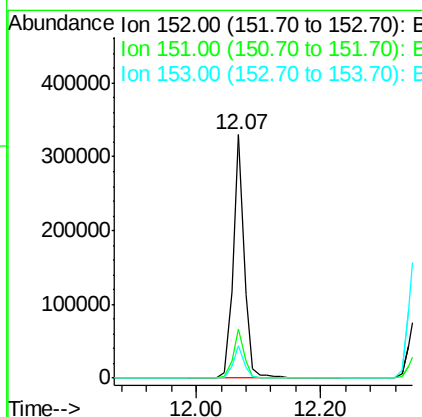
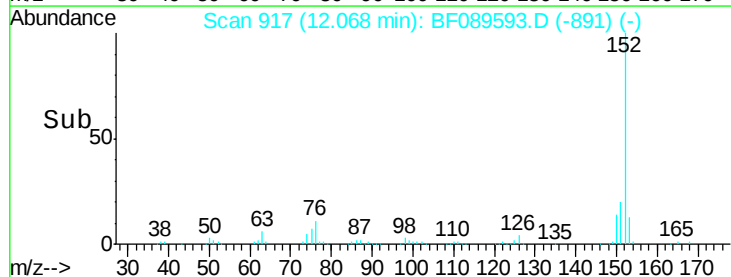
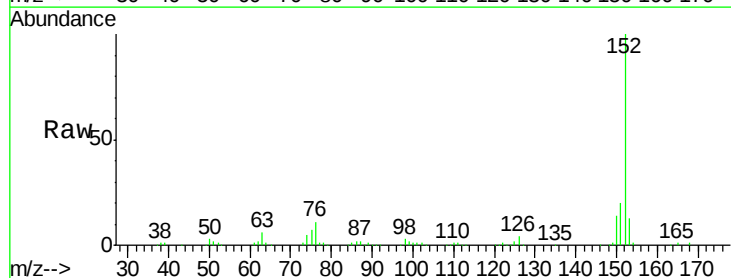
RT: 12.07 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.1	10.5	15.7





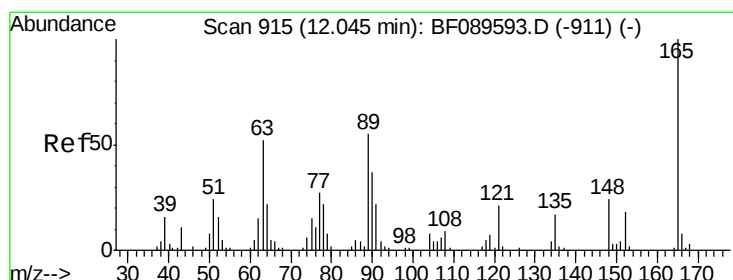
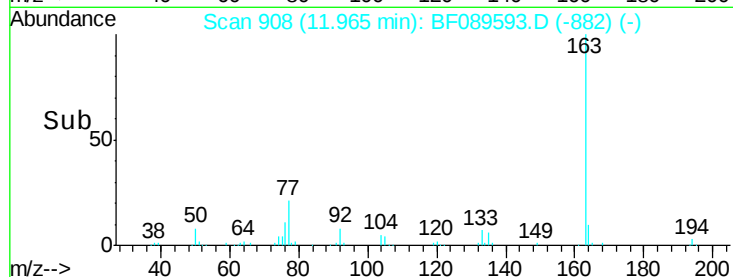
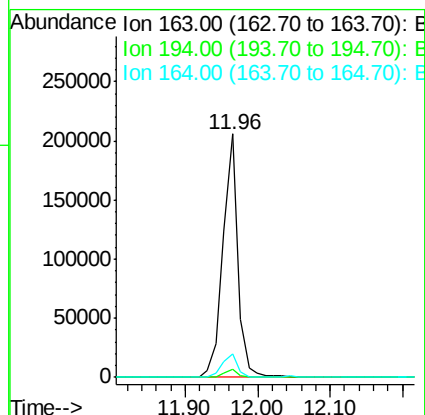
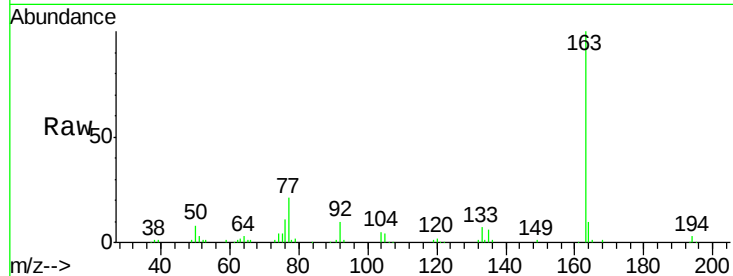
#49
Dimethylphthalate
Concen: 39.83 ng
RT: 11.96 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	294996		
194	3.4	2.7	4.1	
164	9.7	7.8	11.6	

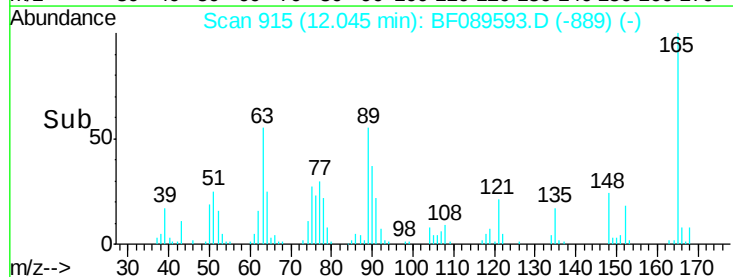
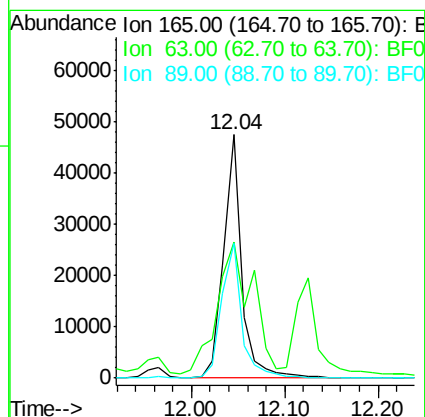
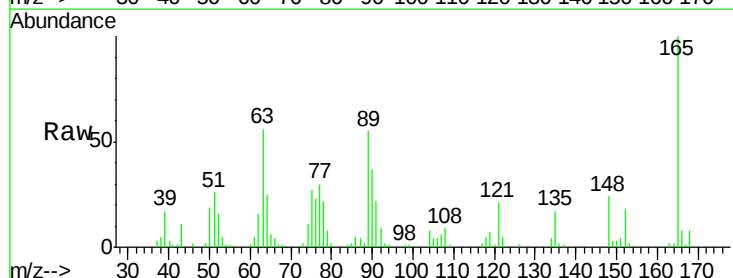
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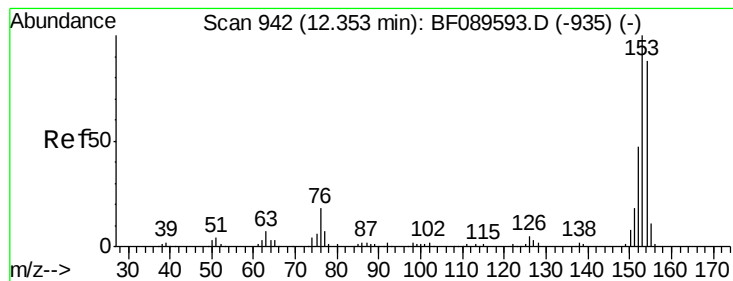
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#50
2,6-Dinitrotoluene
Concen: 43.08 ng
RT: 12.04 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	64010		
63	55.8	44.6	67.0	
89	55.2	44.2	66.2	





#51

Acenaphthene

Concen: 38.81 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

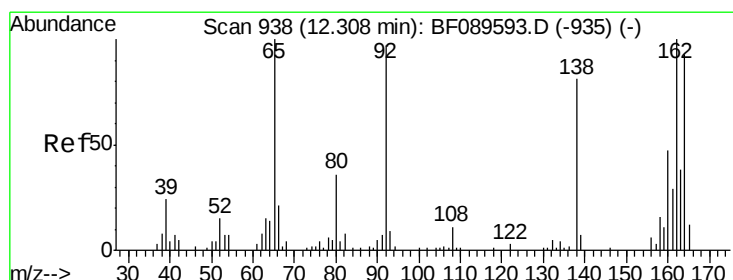
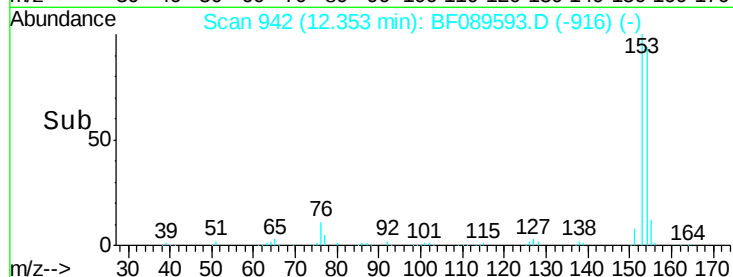
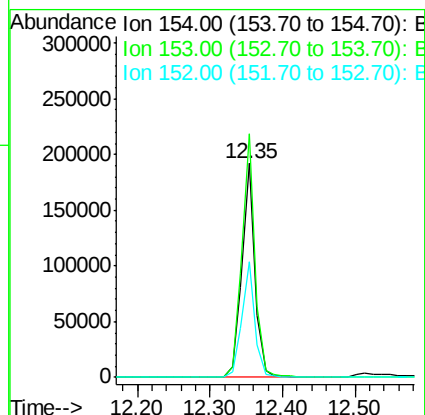
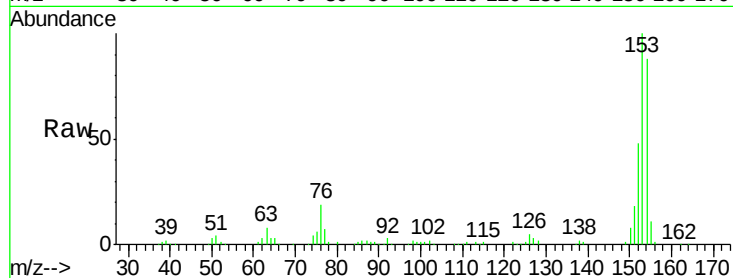
ClientSampleId :

SSTDICCC040

Tot Ion:	154	Resp:	241407
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.1	136.7
152	54.4	43.5	65.3

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#52

3-Nitroaniline

Concen: 41.76 ng

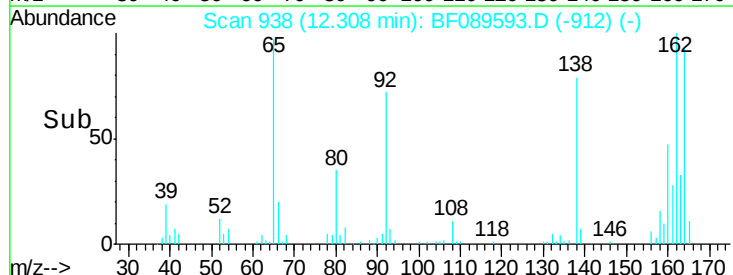
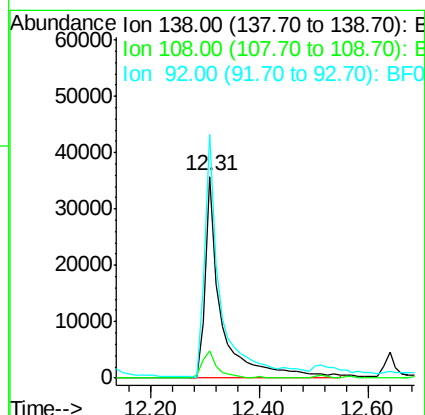
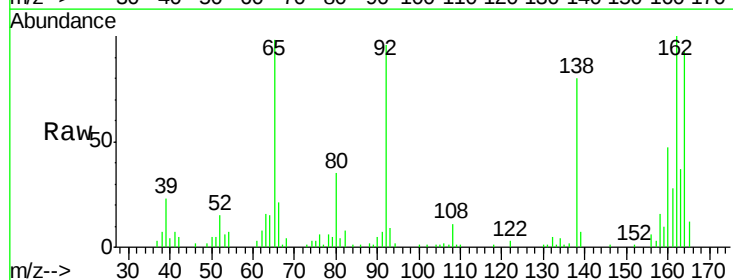
RT: 12.31 min Scan# 938

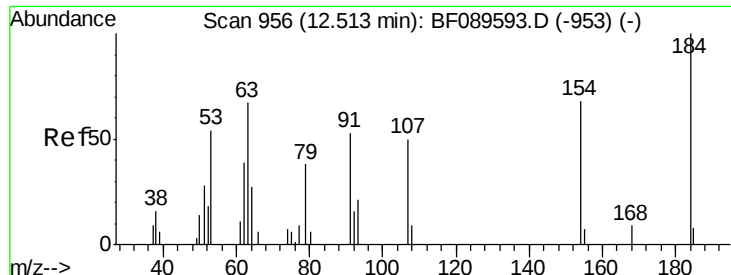
Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion:	138	Resp:	73278
Ion Ratio	Lower	Upper	
138	100		
108	13.4	10.7	16.1
92	120.8	96.6	145.0





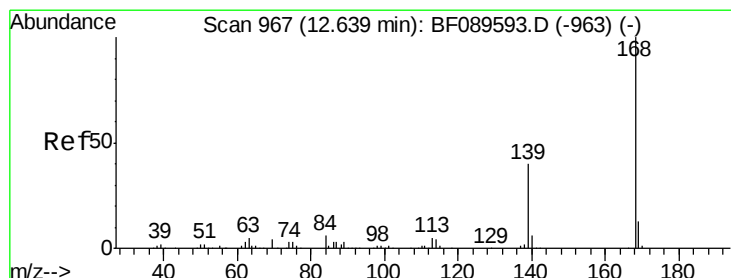
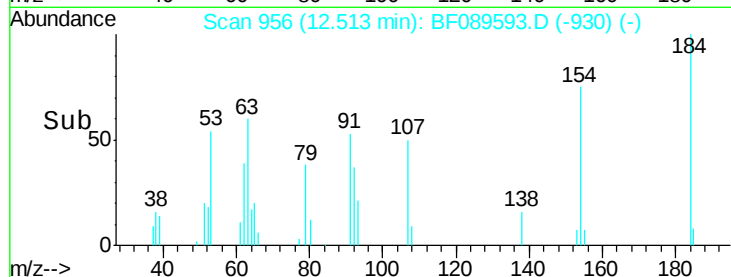
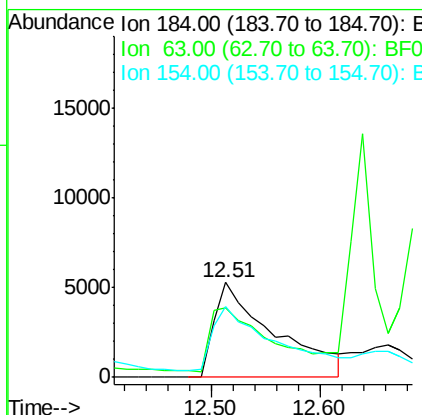
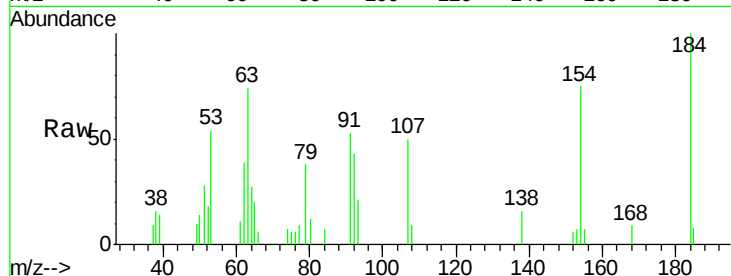
#53
2,4-Dinitrophenol
Concen: 38.45 ng
RT: 12.51 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.8	59.0	88.6
154	75.0	60.0	90.0

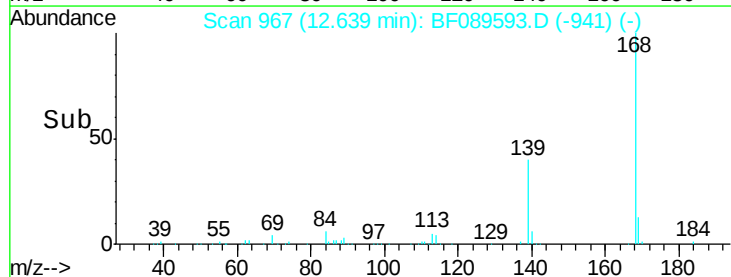
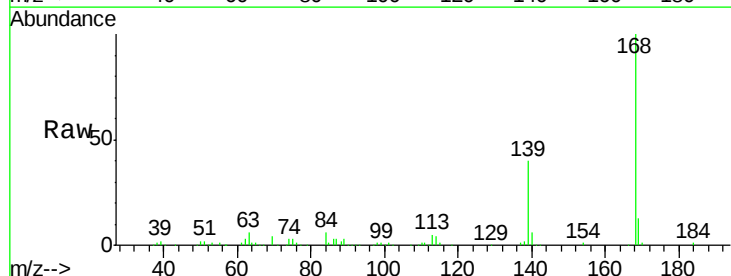
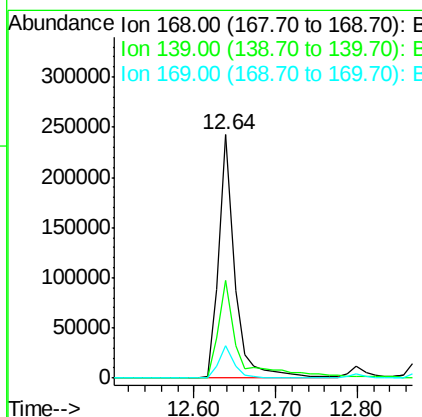
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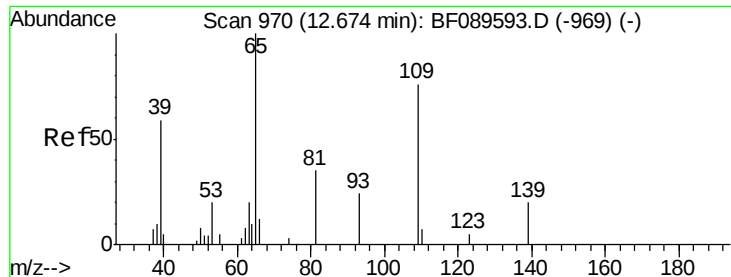
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#54
Dibenzofuran
Concen: 39.54 ng
RT: 12.64 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	32.3	48.5
169	13.2	10.6	15.8





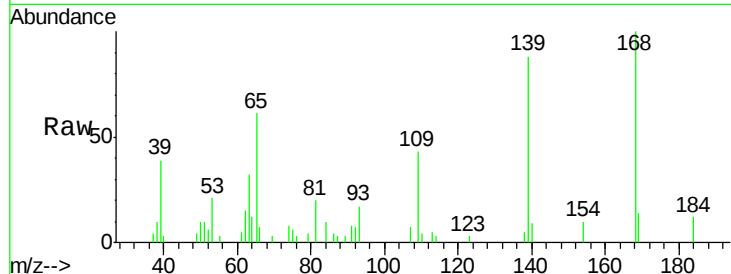
#55
4-Nitrophenol
Concen: 42.93 ng/ml
RT: 12.67 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	42190		
109	48.9	28.9	68.9	
65	69.2	49.2	89.2	

Manual Integrations
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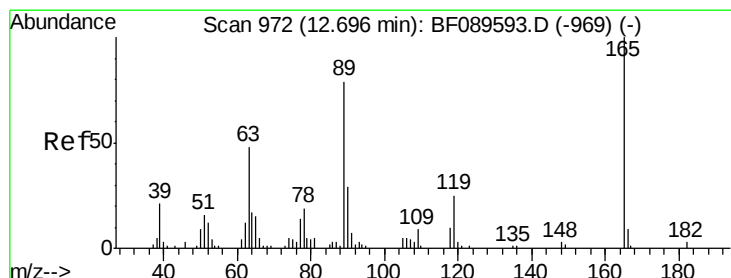
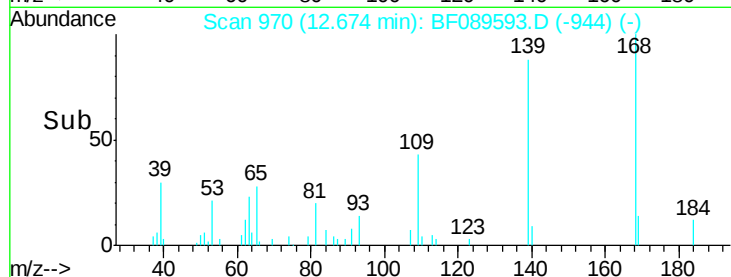
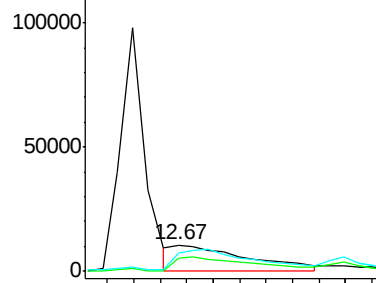


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 42.41 ng/ml
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	85388		
63	52.8	42.2	63.4	
89	80.5	64.4	96.6	
182	2.6	2.1	3.1	

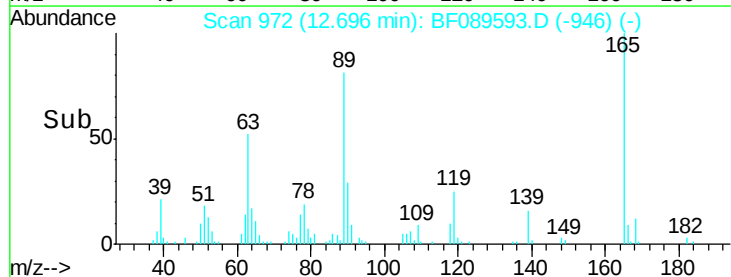
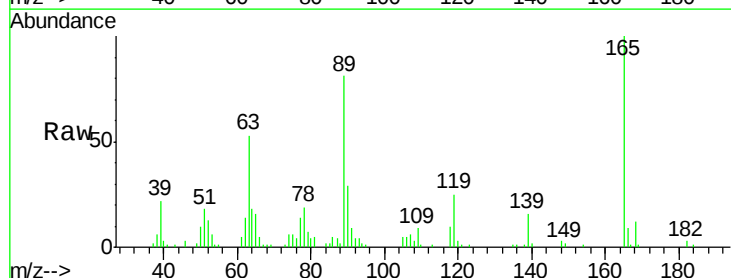
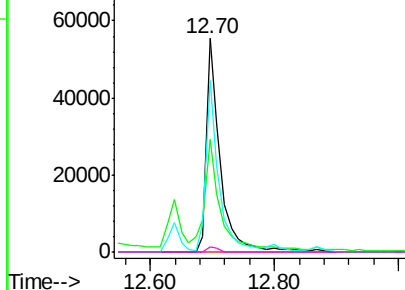
Abundance

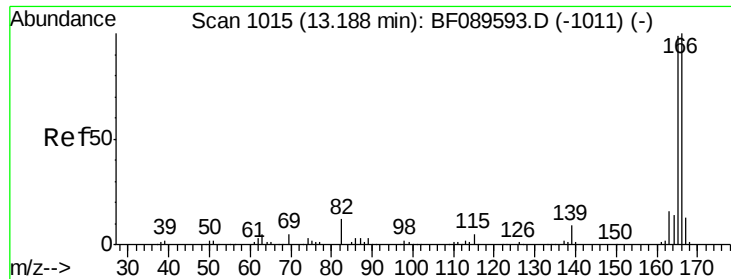
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





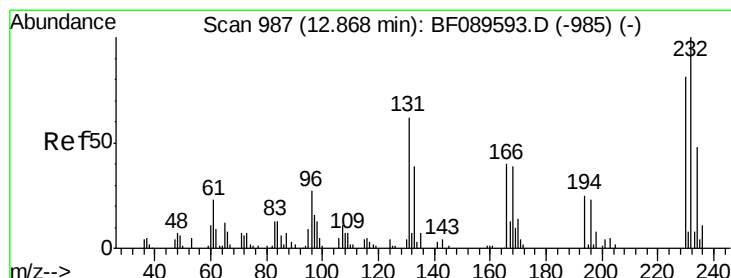
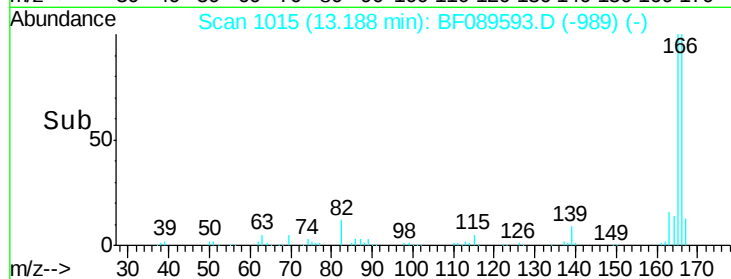
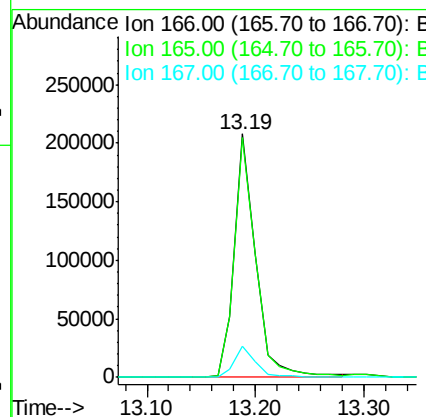
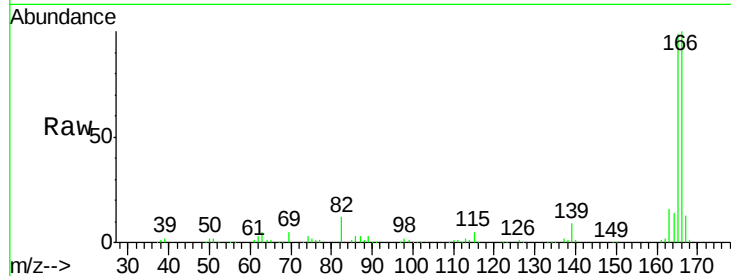
#57
Fluorene
 Concen: 39.12 ng
 RT: 13.19 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		281926		
165	98.6	78.9	118.3		
167	13.0	10.4	15.6		

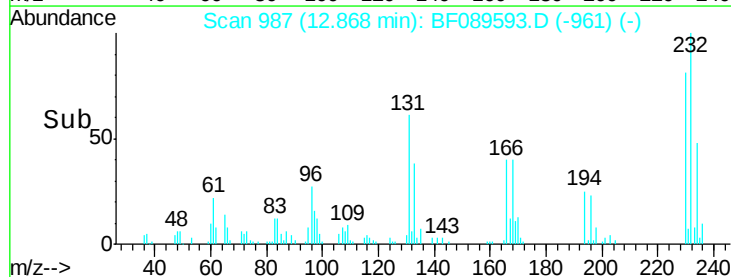
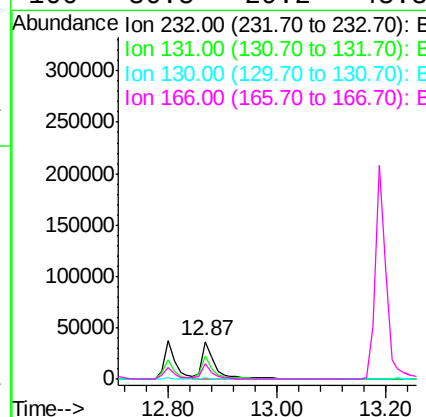
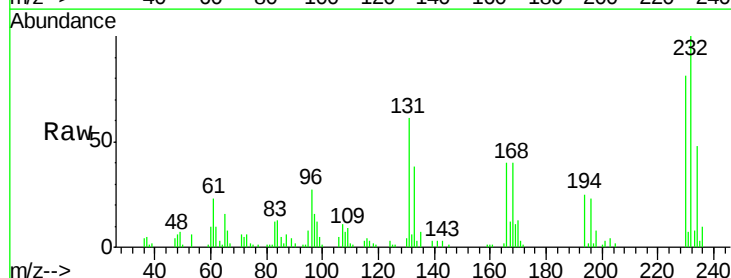
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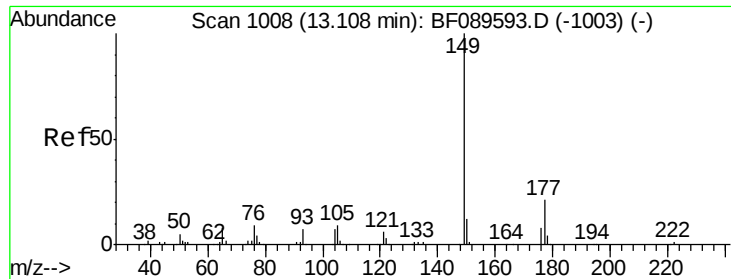
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.83 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		57948		
131	57.7	46.2	69.2		
130	2.1	1.7	2.5		
166	36.5	29.2	43.8		





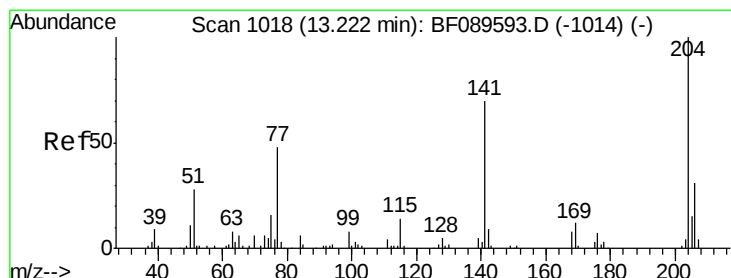
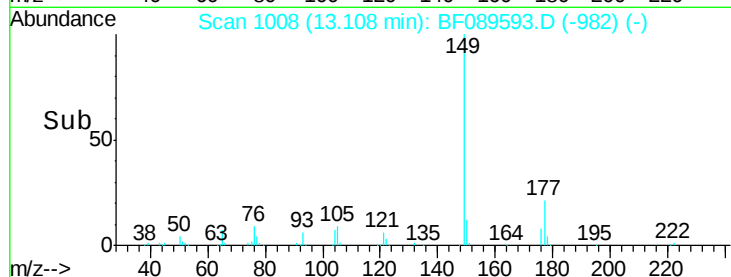
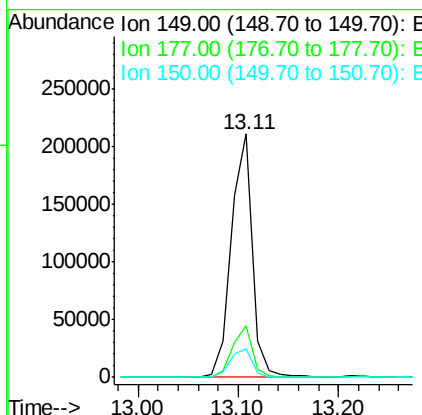
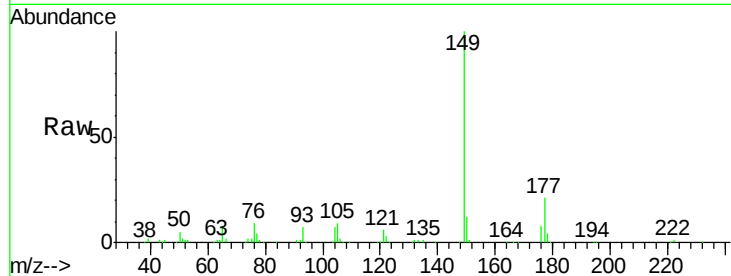
#59
Diethylphthalate
Concen: 40.69 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.8	25.2
150	12.0	9.6	14.4

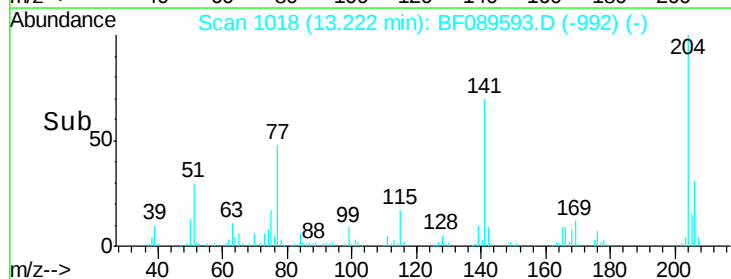
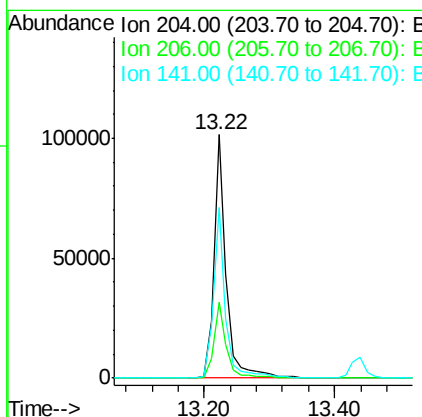
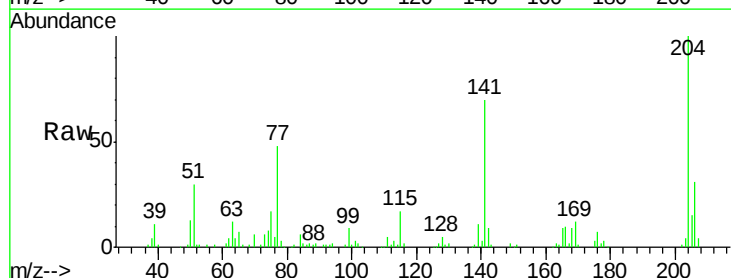
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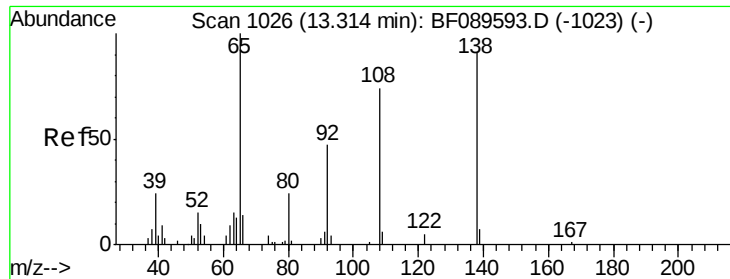
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#60
4-Chlorophenyl-phenylether
Concen: 41.23 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.2	25.0	37.4
141	70.3	56.2	84.4





#61

4-Nitroaniline

Concen: 43.95 ng

RT: 13.31 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:138 Resp: 68291

Ion Ratio Lower Upper

138 100

92 51.6 31.6 71.6

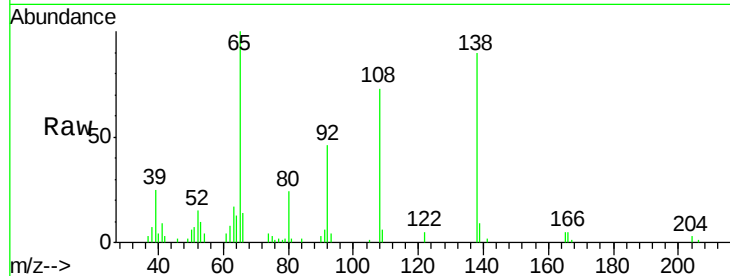
108 81.5 61.5 101.5

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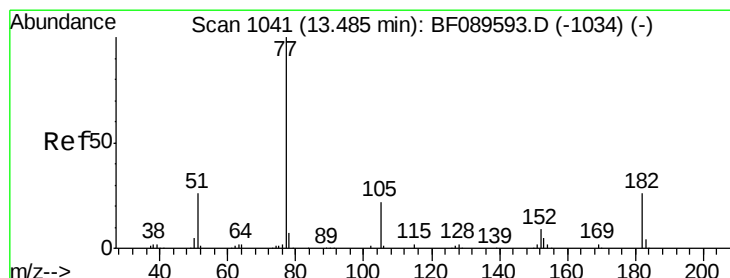
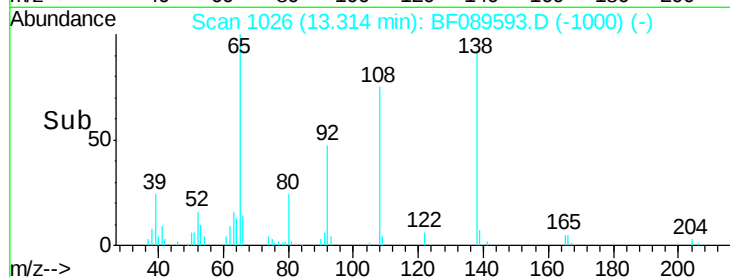
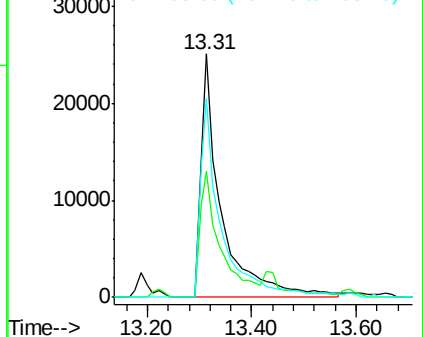
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.26 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion: 77 Resp: 310093

Ion Ratio Lower Upper

77 100

182 25.8 5.8 45.8

105 22.9 2.9 42.9

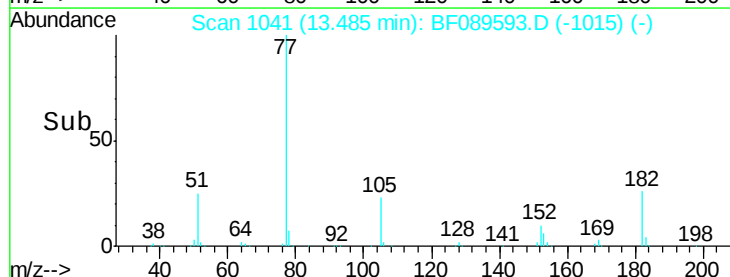
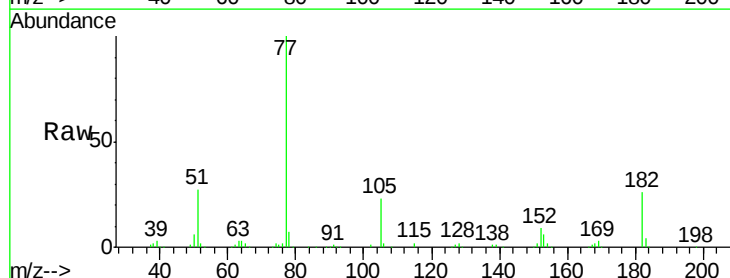
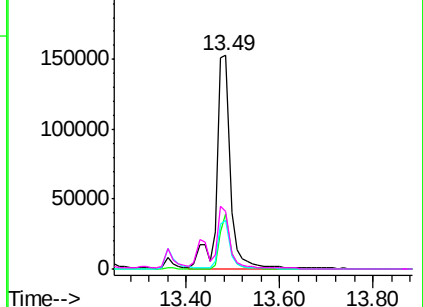
51 27.2 7.2 47.2

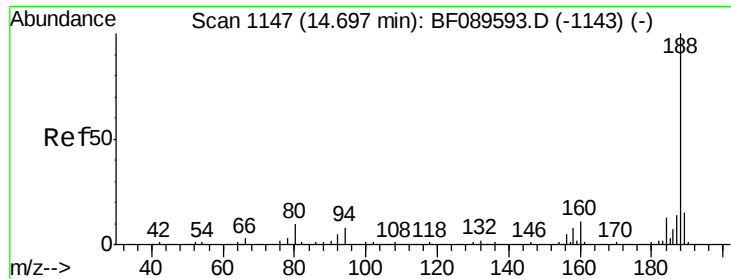
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





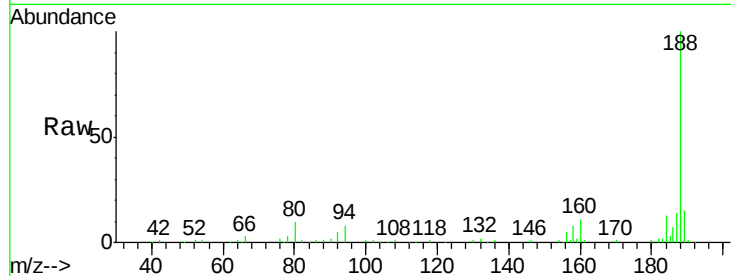
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.70 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	190529		
94	8.1	6.5	9.7	
80	10.0	8.0	12.0	

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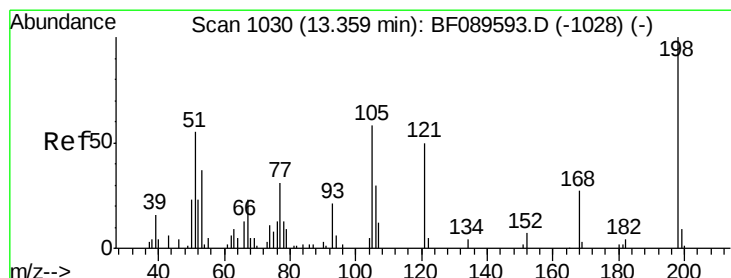
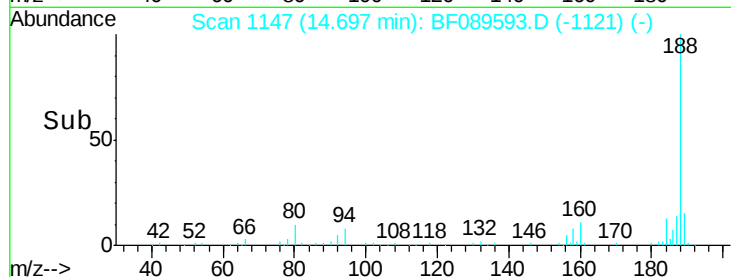
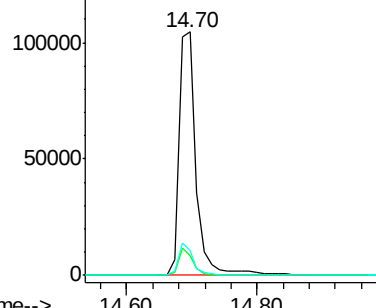
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Abundance Ion 188.00 (187.70 to 188.70): E

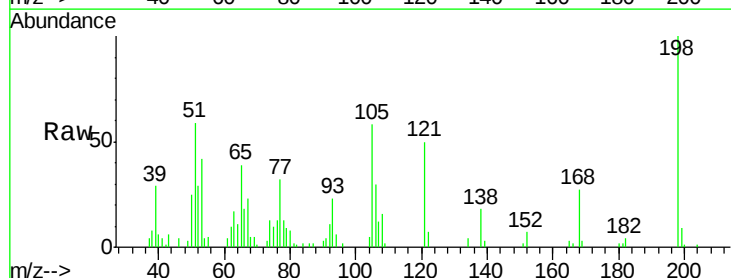
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.41 ng
 RT: 13.36 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

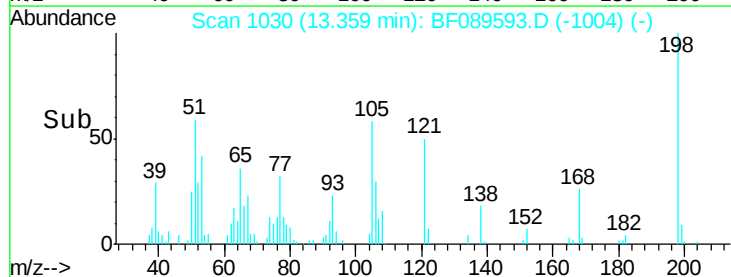
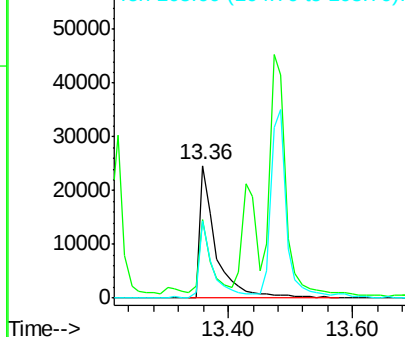
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	44208		
51	58.9	38.9	78.9	
105	58.1	38.1	78.1	

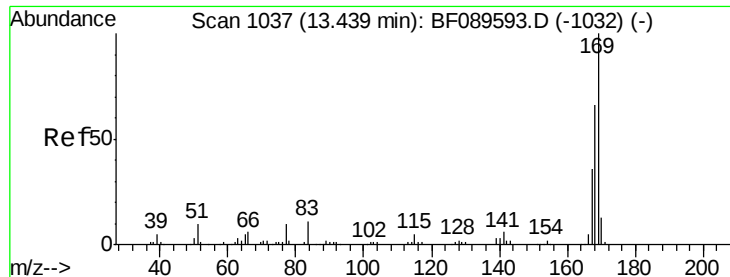


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





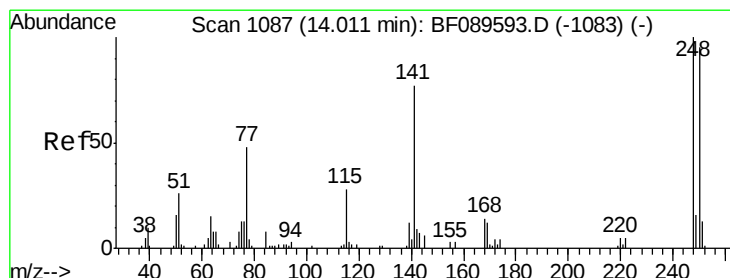
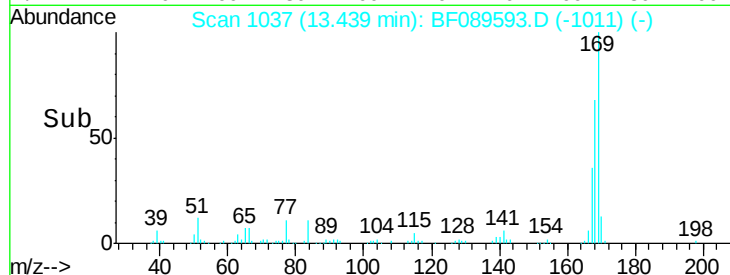
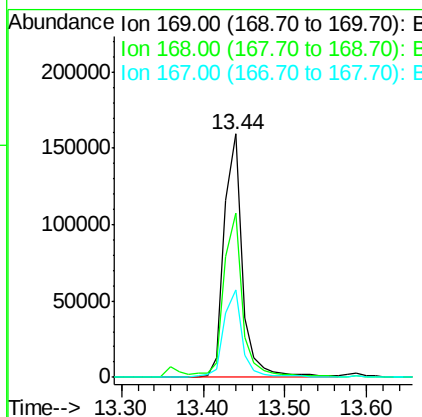
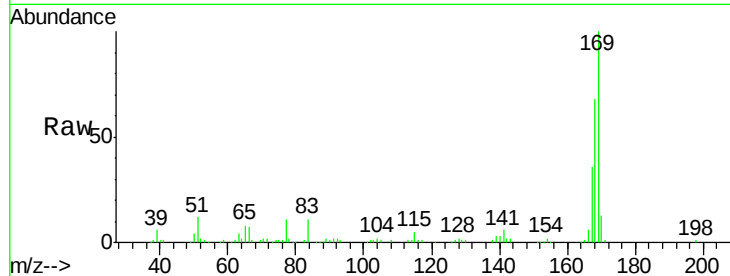
#65
n-Nitrosodiphenylamine
Concen: 38.46 ng
RT: 13.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	249129		
168	67.7		54.2	81.2
167	36.1		28.9	43.3

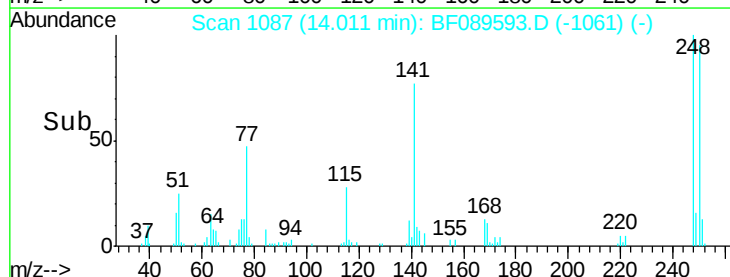
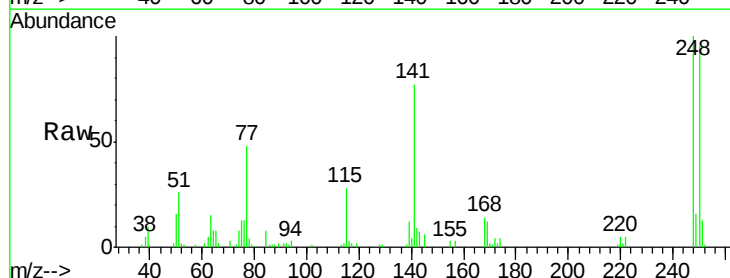
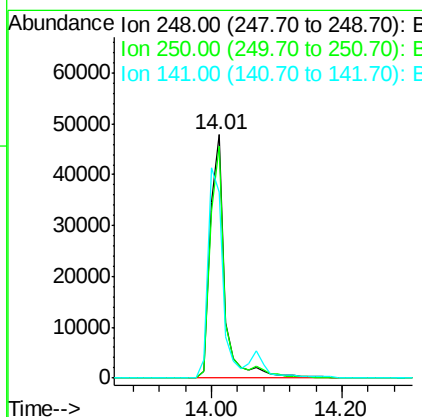
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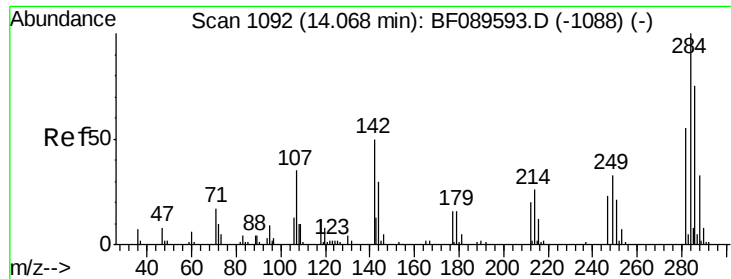
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#66
4-Bromophenyl-phenylether
Concen: 40.22 ng
RT: 14.01 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	74875		
250	95.2		76.2	114.2
141	76.6		61.3	91.9





#67

Hexachlorobenzene

Concen: 37.54 ng

RT: 14.07 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

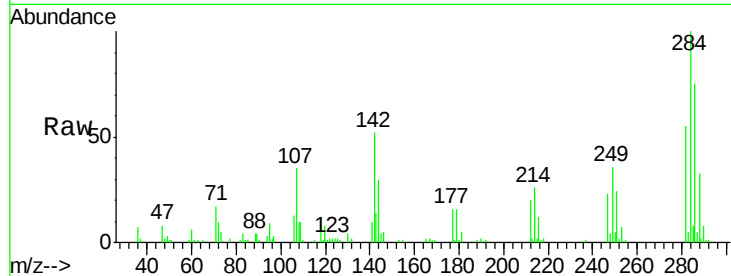
ClientSampleId :

SSTDICCC040

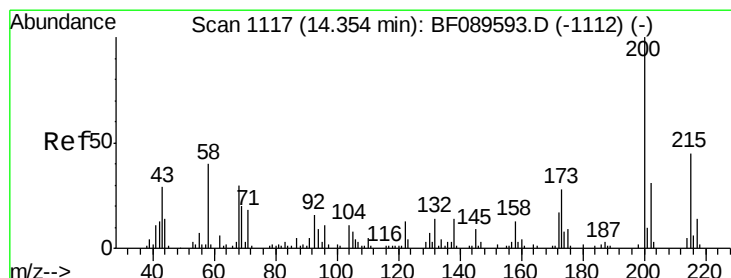
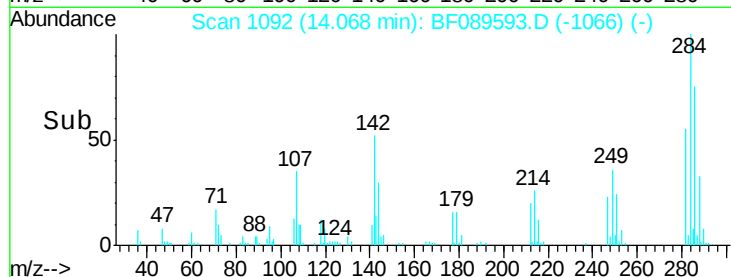
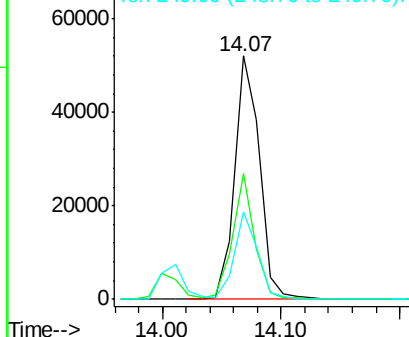
Tot Ion:	284	Resp:	75577
Ion Ratio	Lower	Upper	
284	100		
142	51.7	41.4	62.0
249	35.8	28.6	43.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.69 ng

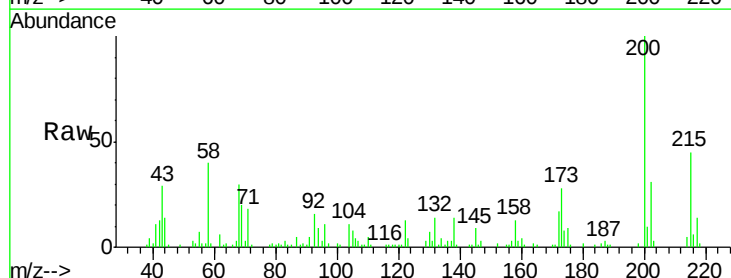
RT: 14.35 min Scan# 1117

Delta R.T. 0.00 min

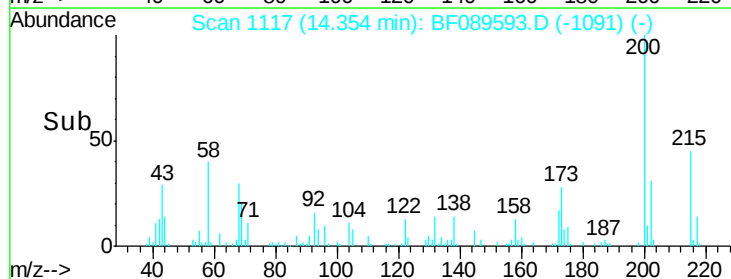
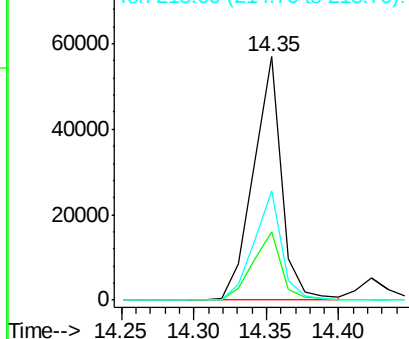
Lab File: BF089593.D

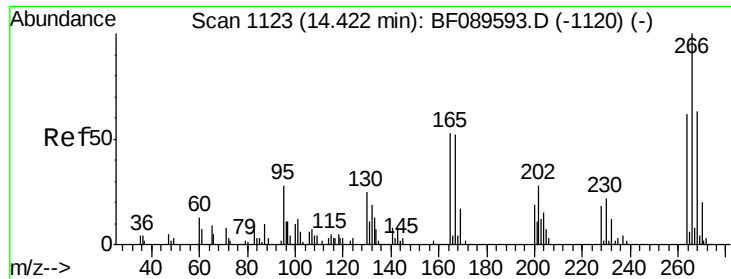
Acq: 4 Aug 2016 17:26

Tgt Ion:	200	Resp:	76614
Ion Ratio	Lower	Upper	
200	100		
173	28.2	8.2	48.2
215	44.9	24.9	64.9



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





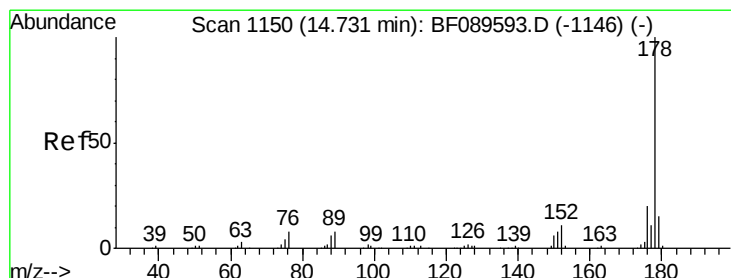
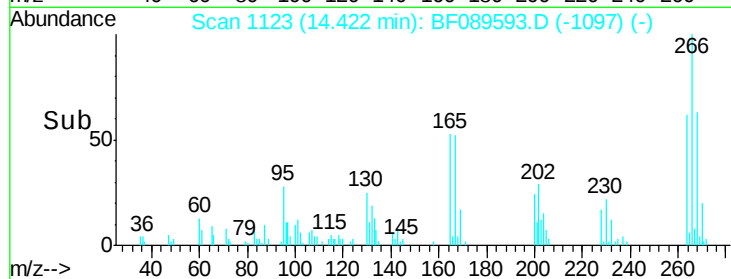
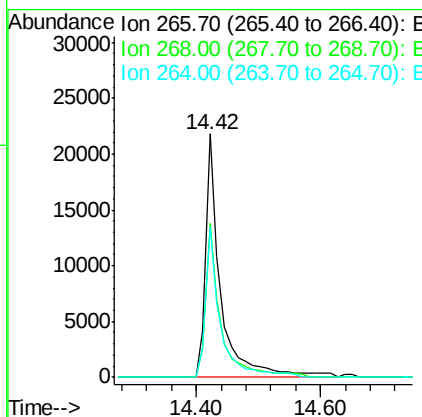
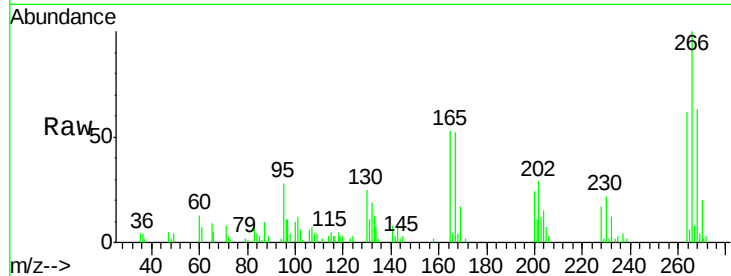
#69
 Pentachlorophenol
 Concen: 51.68 ng
 RT: 14.42 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.6	75.8
264	61.9	49.5	74.3

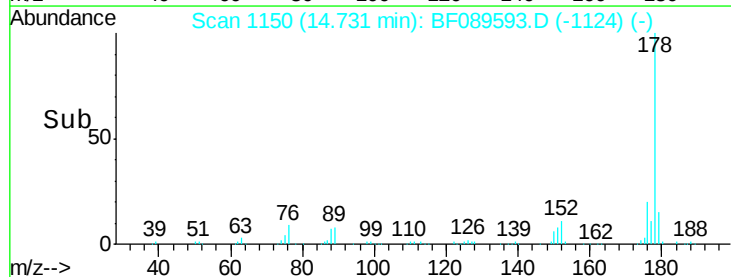
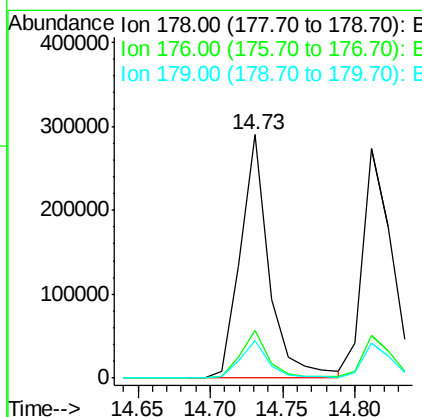
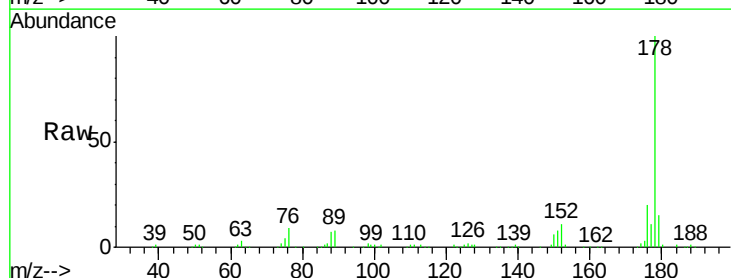
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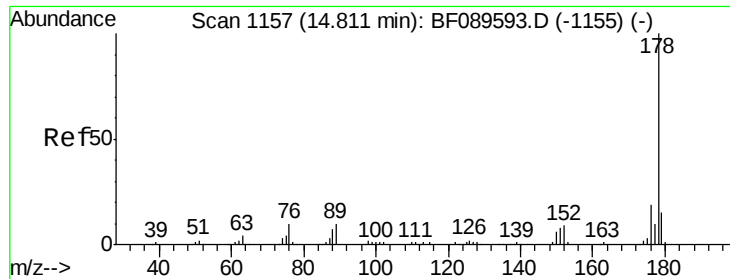
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#70
 Phenanthrene
 Concen: 39.09 ng
 RT: 14.73 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.2	12.2	18.2





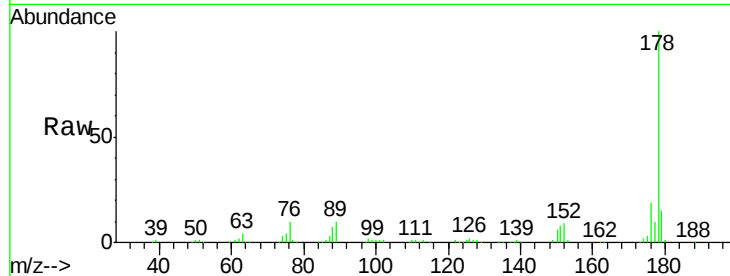
#71
 Anthracene
 Concen: 37.63 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

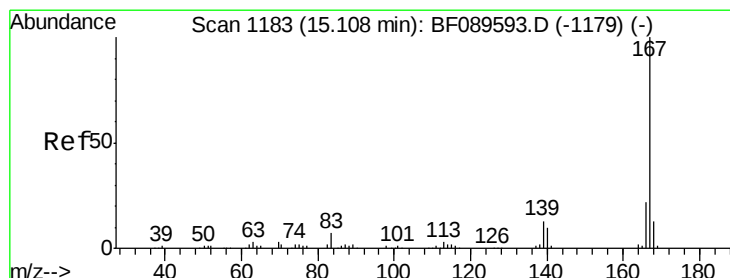
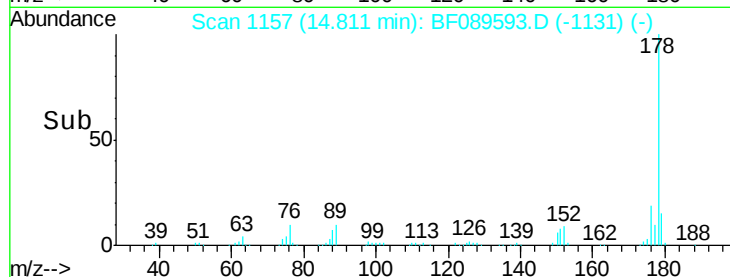
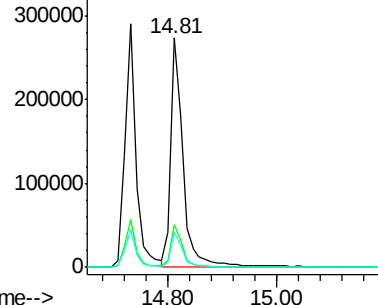
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.5	12.4	18.6

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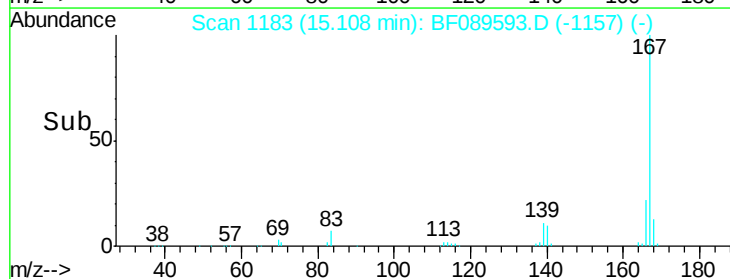
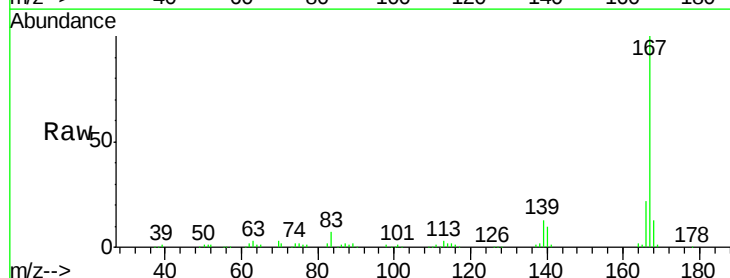
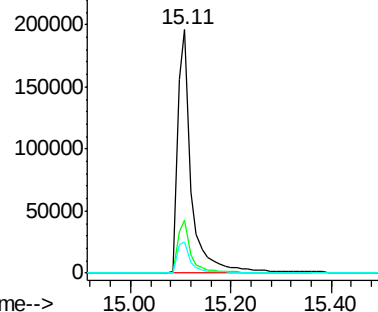
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

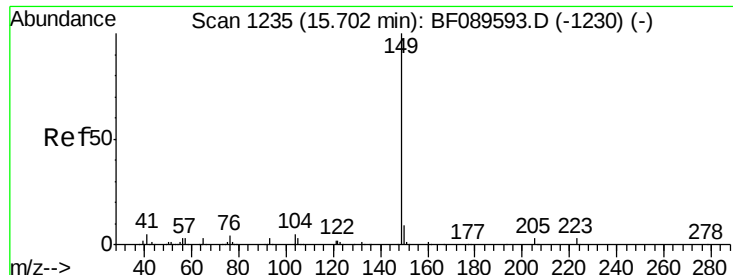


#72
 Carbazole
 Concen: 40.85 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.0	10.4	15.6

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





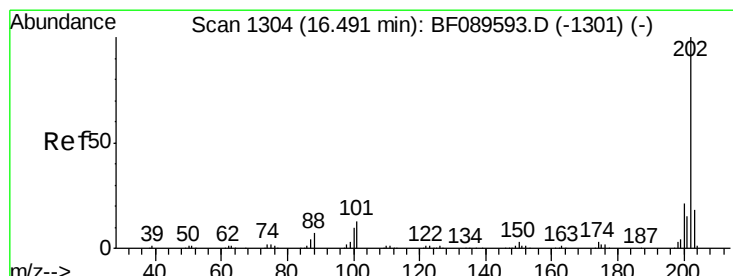
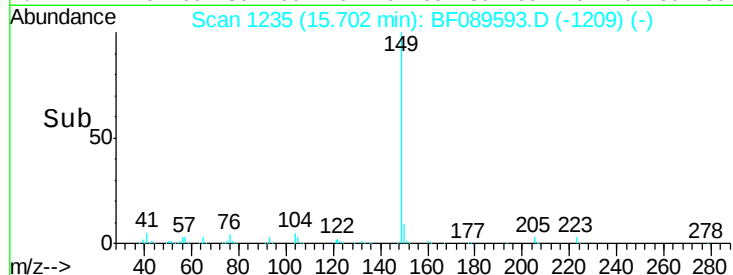
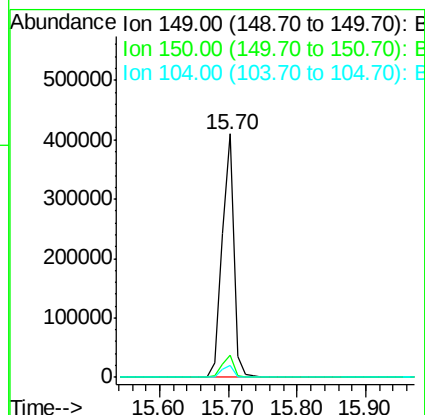
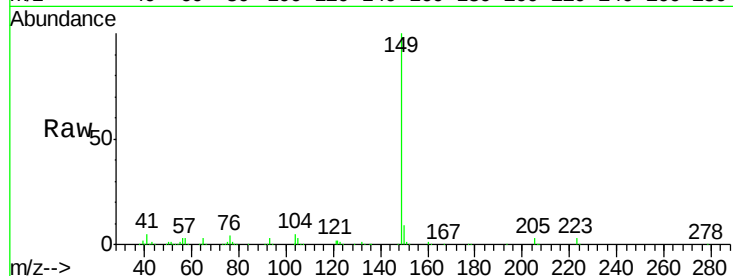
#73
Di-n-butylphthalate
Concen: 42.33 ng
RT: 15.70 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	496551		
150	9.0	7.2	10.8	
104	4.8	3.8	5.8	

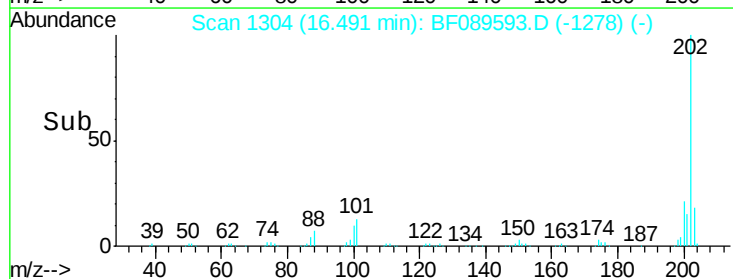
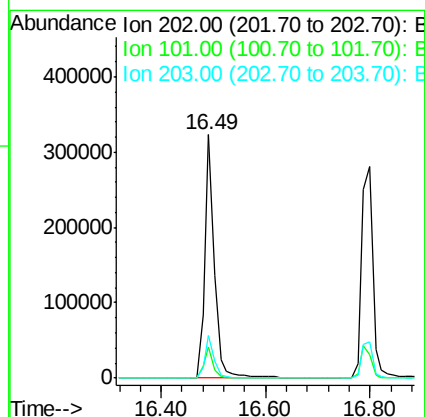
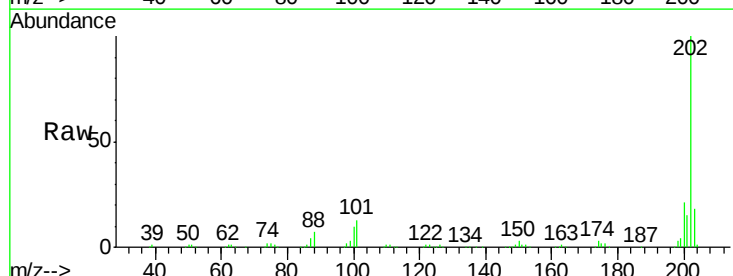
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#74
Fluoranthene
Concen: 40.31 ng
RT: 16.49 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	419390		
101	12.7	0.0	32.7	
203	17.8	0.0	37.8	





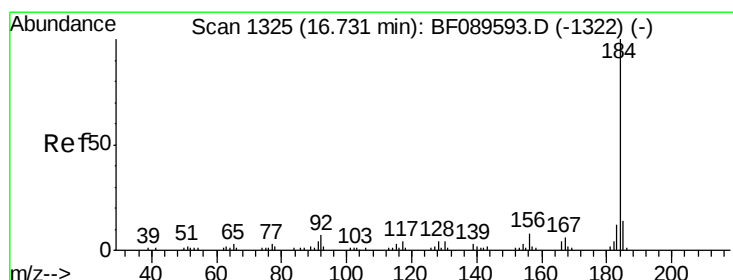
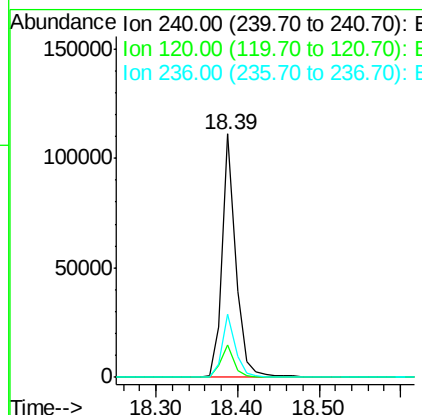
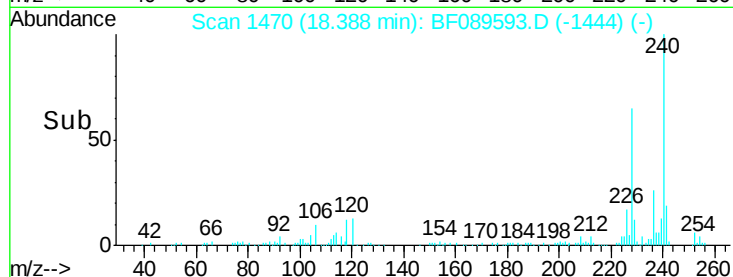
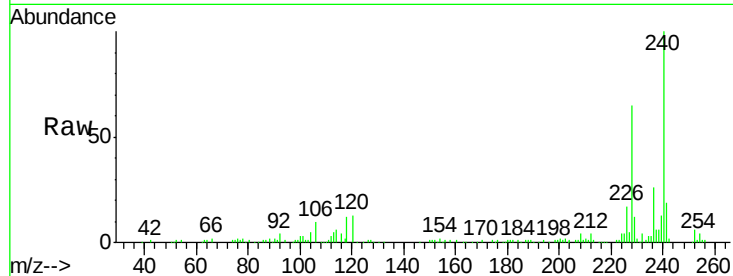
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	128830		
120	13.2	10.6	15.8	
236	25.7	20.6	30.8	

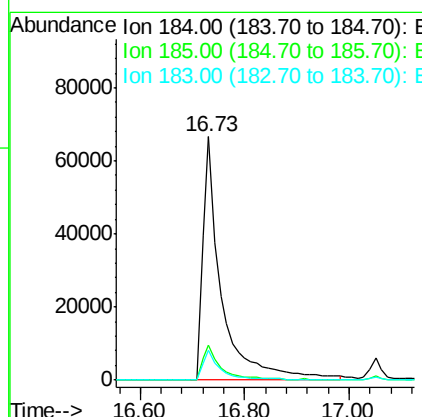
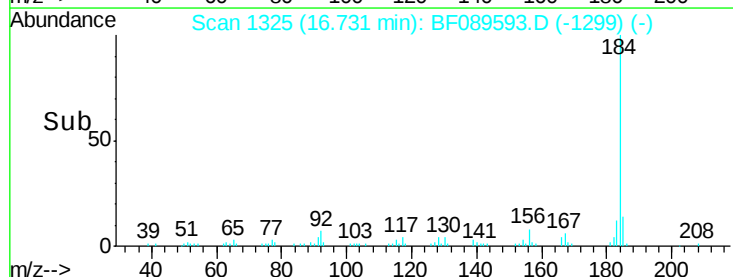
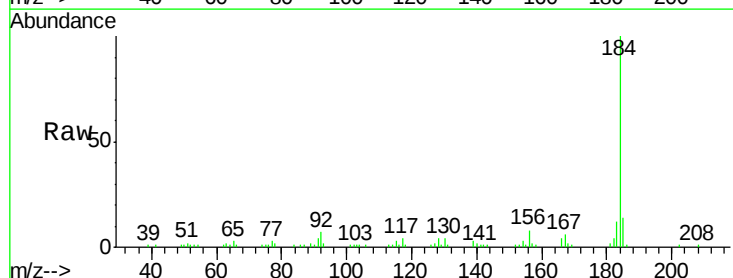
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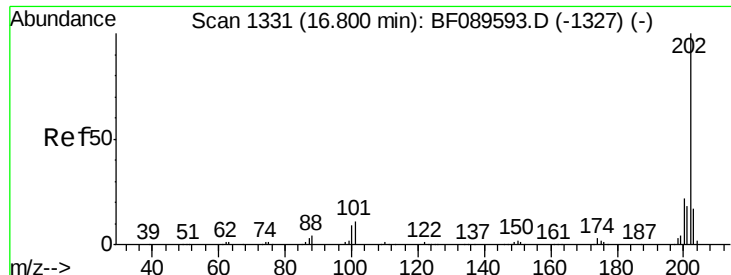
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#76
Benzidine
Concen: 46.45 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	166516		
185	14.4	11.5	17.3	
183	12.3	9.8	14.8	





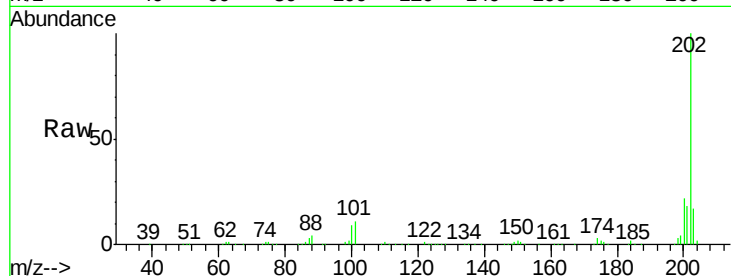
#77
Pvrene
Concen: 37.23 ng
RT: 16.80 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

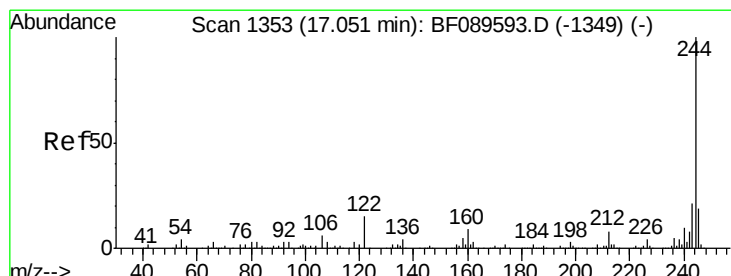
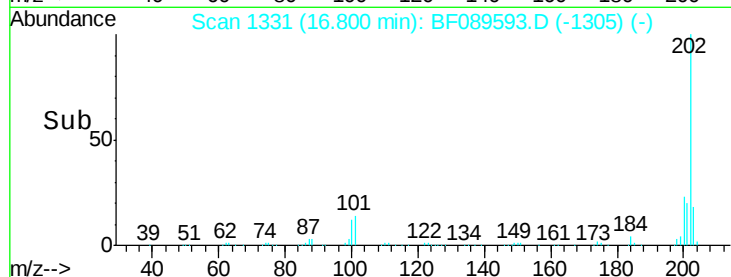
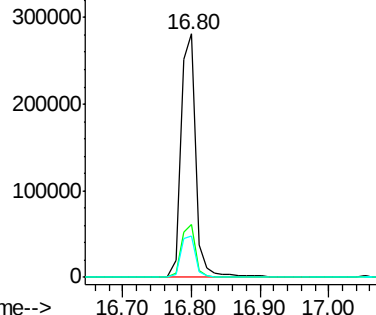
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.0
203	17.0	13.6	20.4

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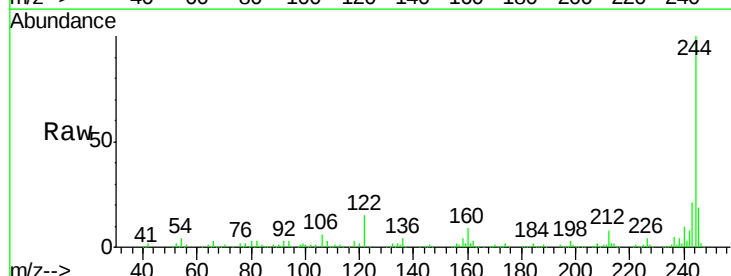


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

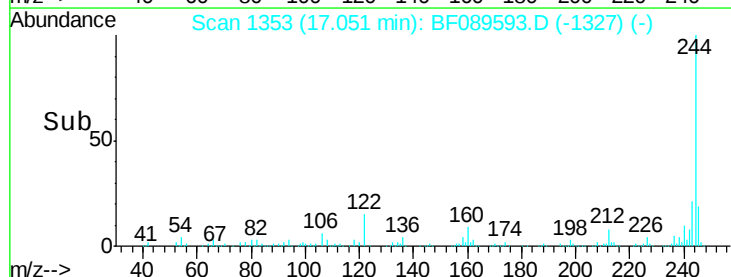
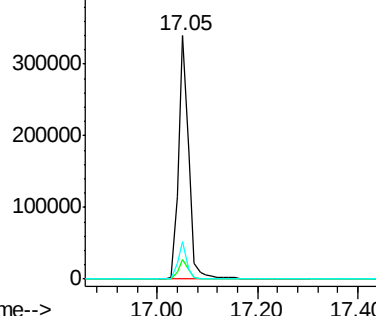


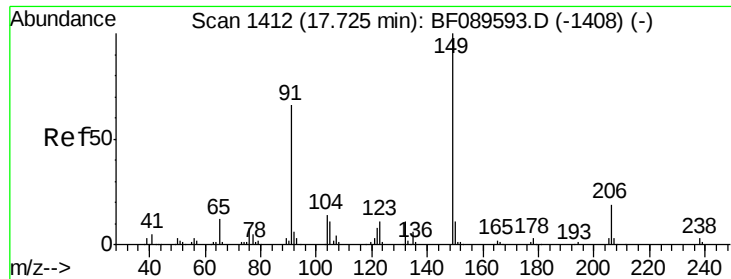
#78
Terphenyl-d14
Concen: 75.39 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	15.2	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





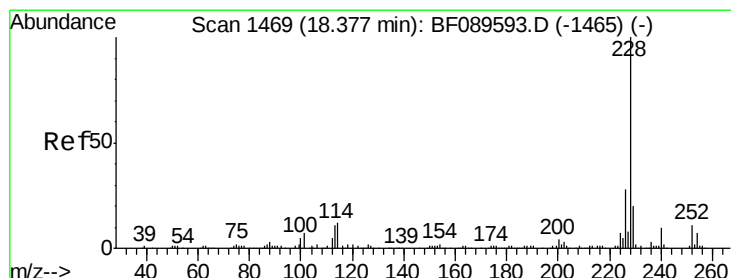
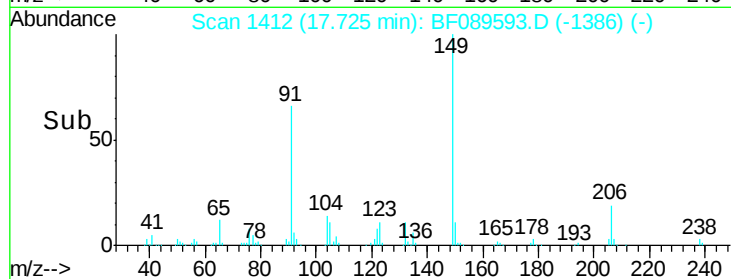
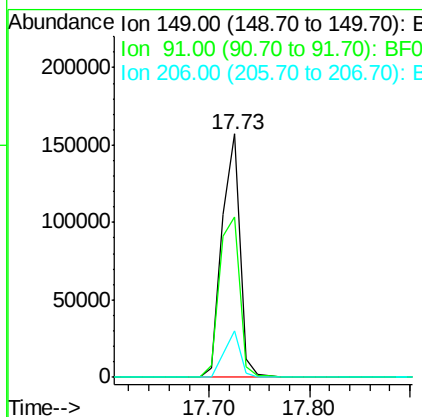
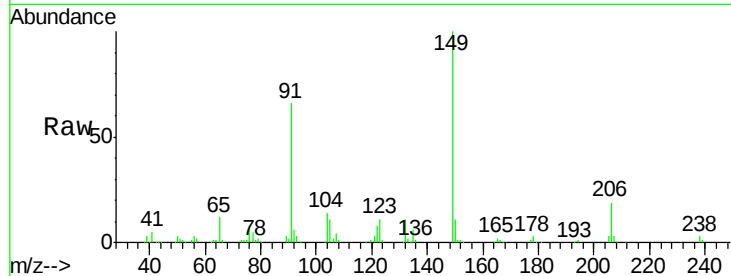
#79
Butylbenzylphthalate
Concen: 44.86 ng
RT: 17.73 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	196391		
91	65.7	52.6	78.8	
206	19.2	15.4	23.0	

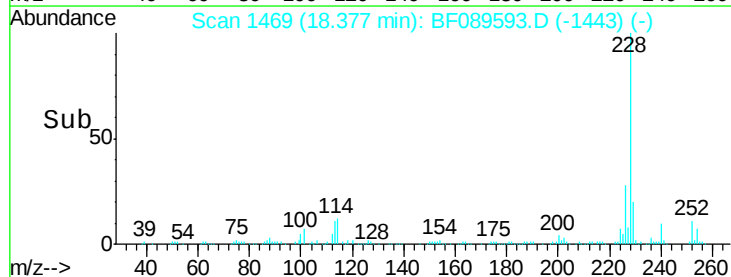
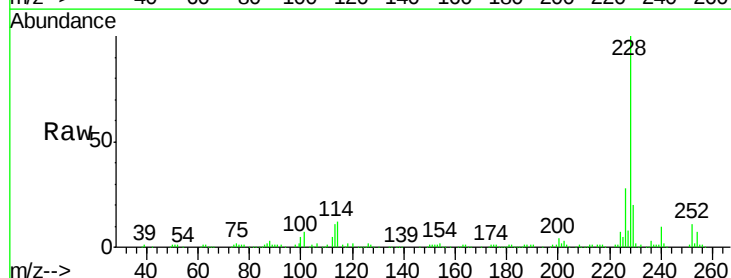
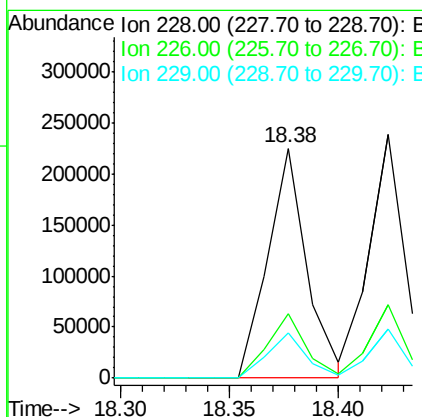
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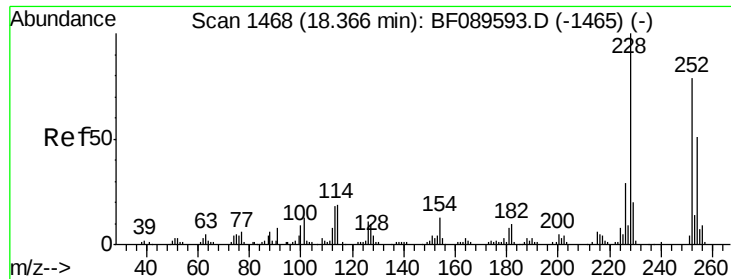
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#80
Benzo(a)anthracene
Concen: 37.98 ng
RT: 18.38 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	283341		
226	27.9	22.3	33.5	
229	19.9	15.9	23.9	





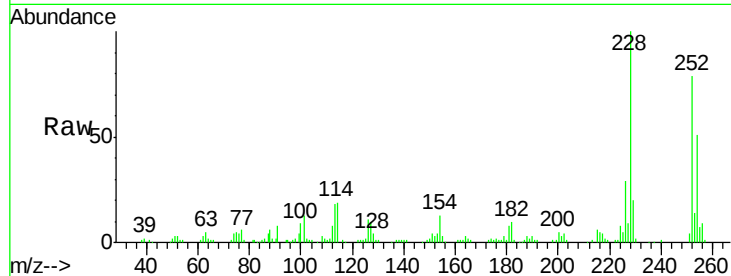
#81
 3,3'-Dichlorobenzidine
 Concen: 40.90 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

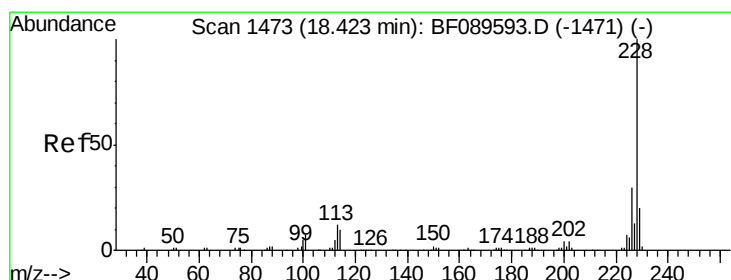
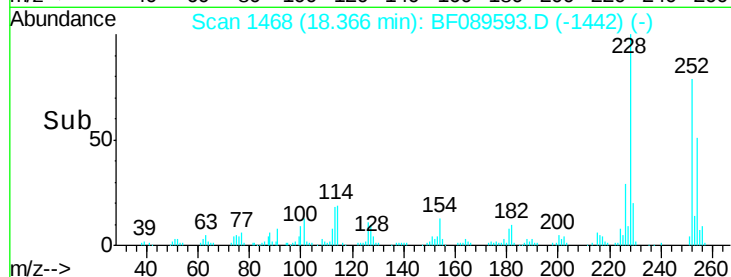
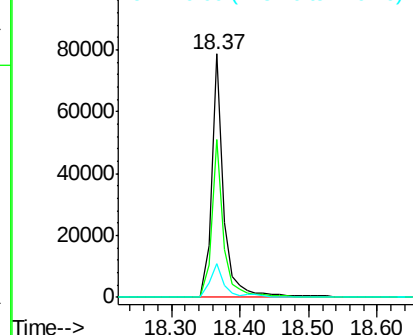
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	13.7	11.0	16.4

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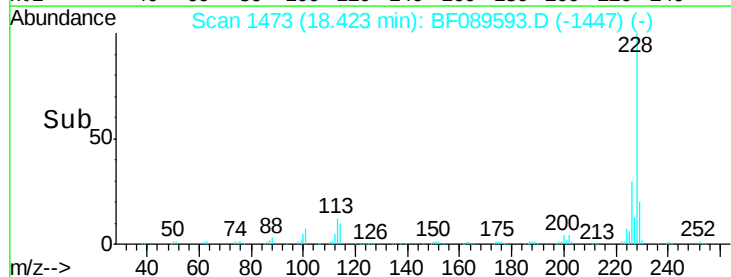
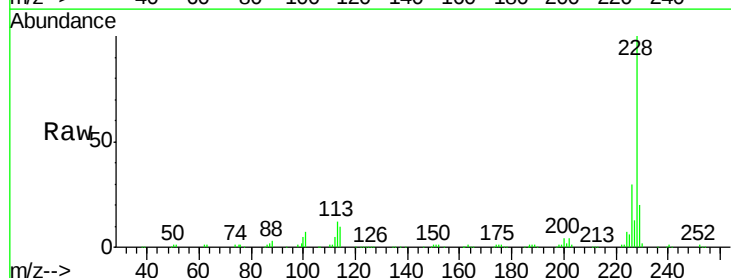
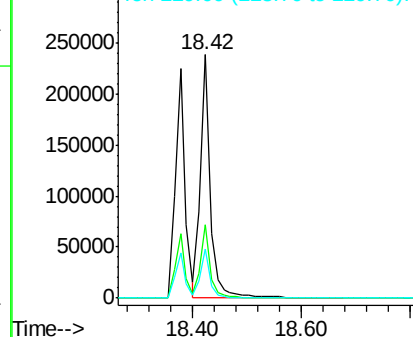
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

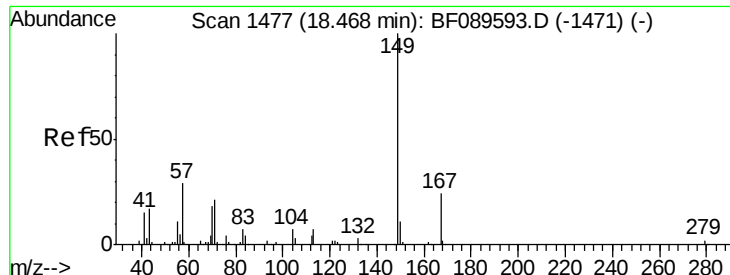


#82
 Chrysene
 Concen: 38.47 ng
 RT: 18.42 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	20.0	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





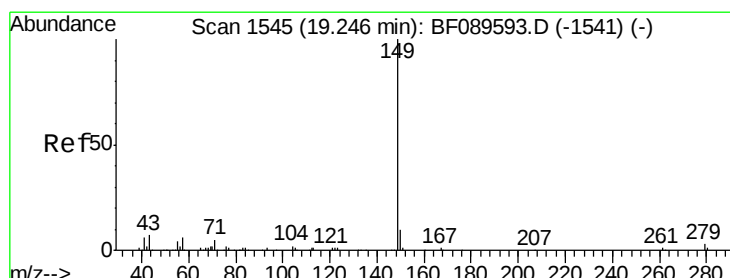
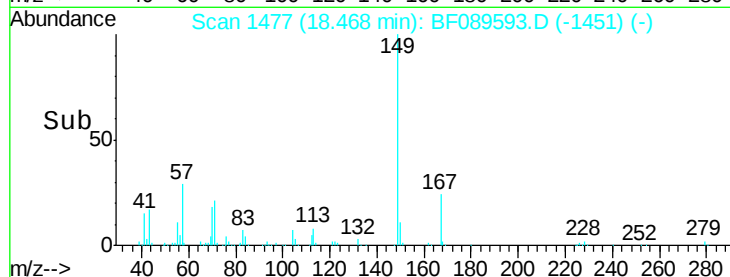
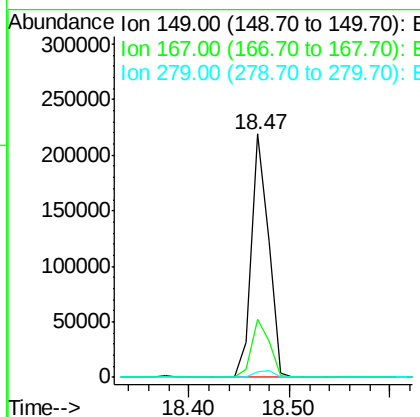
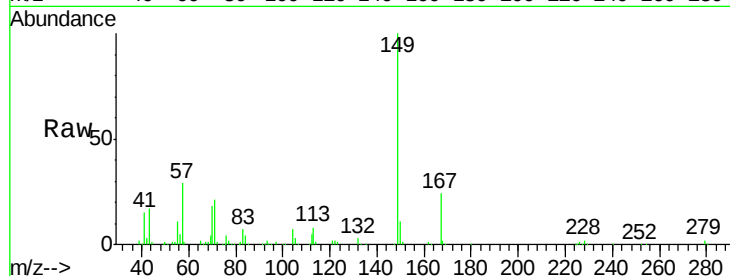
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.49 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	261566		
167	23.7	19.0	28.4	
279	2.2	1.8	2.6	

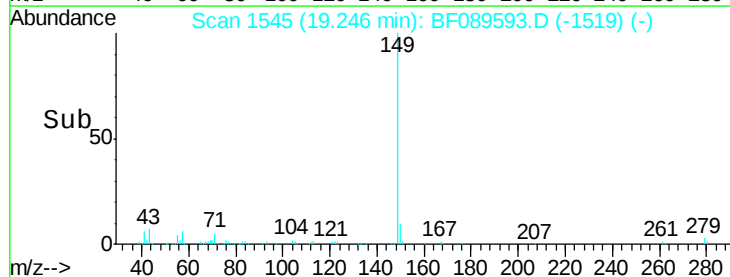
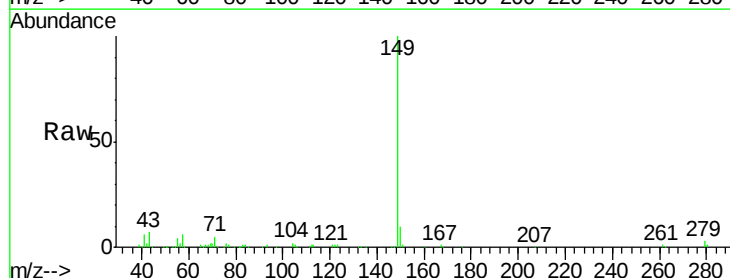
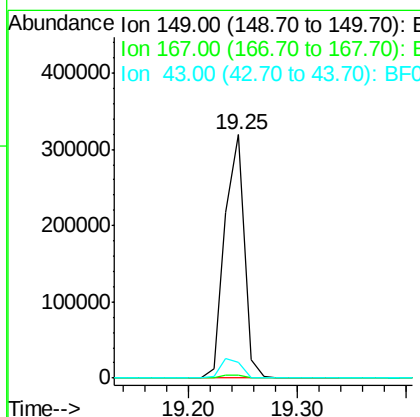
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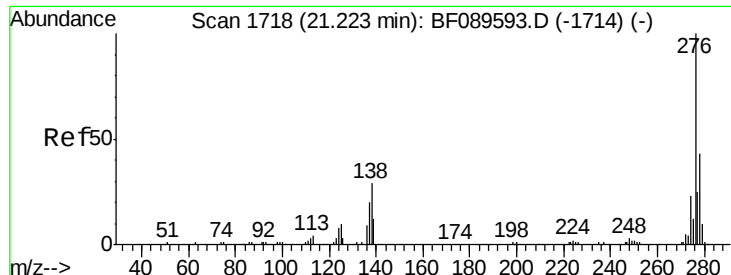
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#84
 Di-n-octyl phthalate
 Concen: 44.12 ng
 RT: 19.25 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	396924		
167	1.4	1.1	1.7	
43	8.7	7.0	10.4	





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.61 ng

RT: 21.22 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

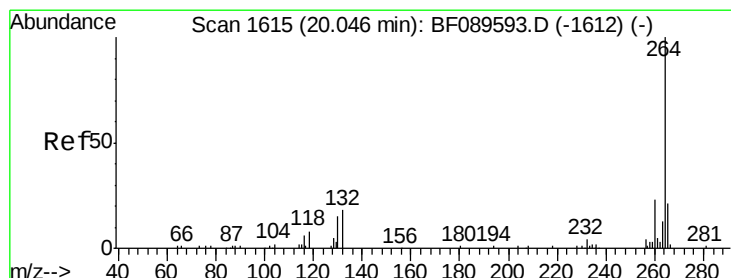
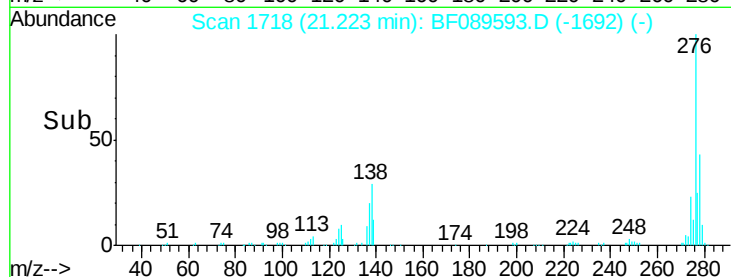
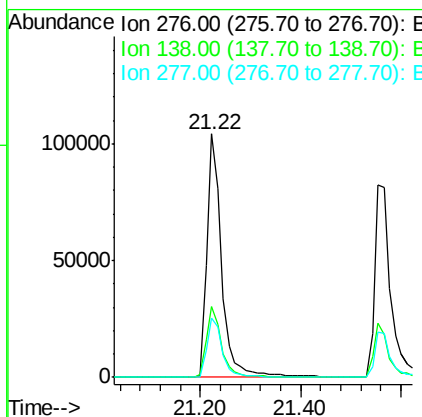
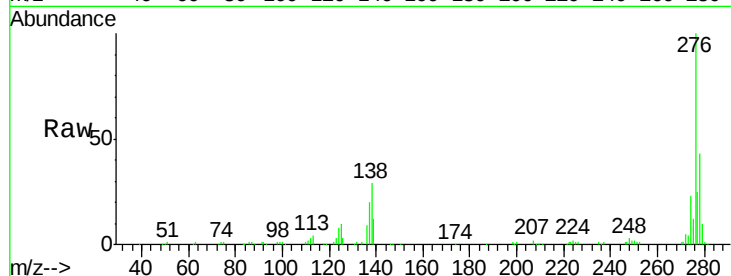
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100		212203		
138	29.9		23.8	35.8	
277	25.5		20.3	30.5	

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#86

Perylene-d12

Concen: 20.00 ng

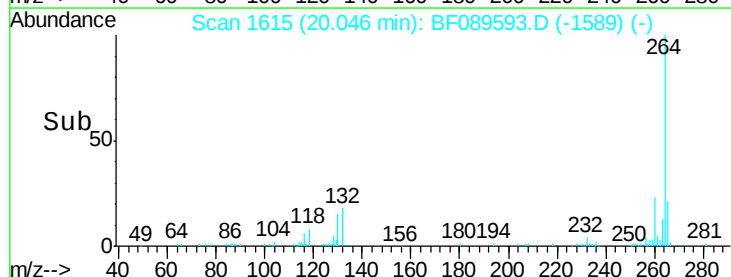
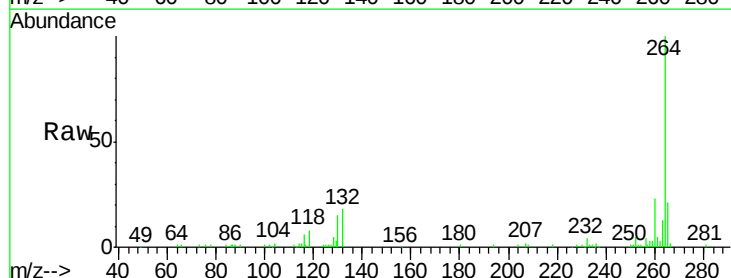
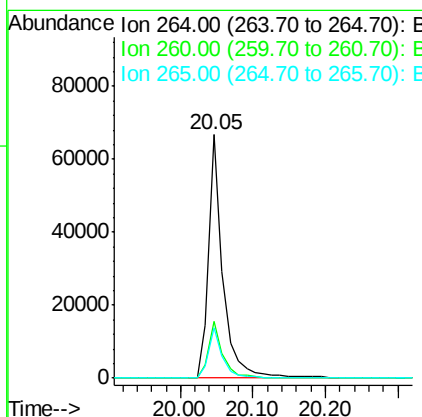
RT: 20.05 min Scan# 1615

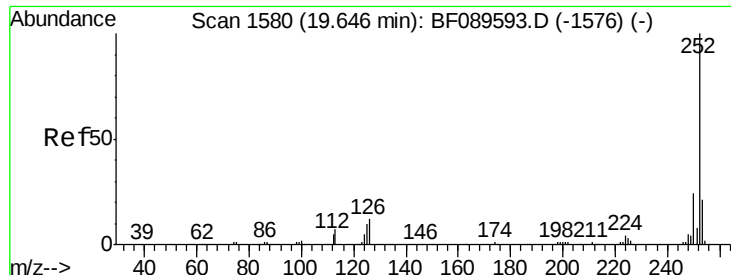
Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		91533		
260	23.4		18.7	28.1	
265	20.6		16.5	24.7	





#87

Benzo(b)fluoranthene

Concen: 39.24 ng

RT: 19.65 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Instrument :

BNA_F

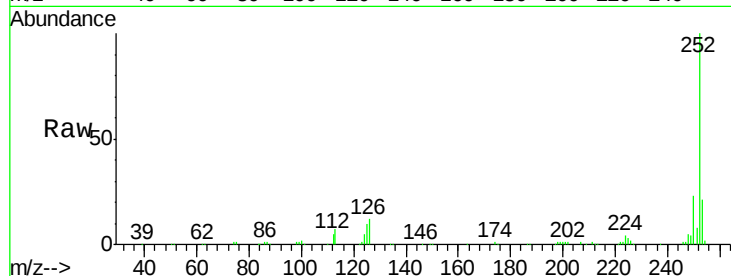
ClientSampleId :

SSTDICCC040

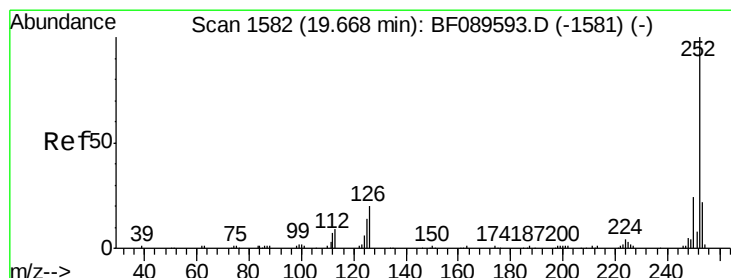
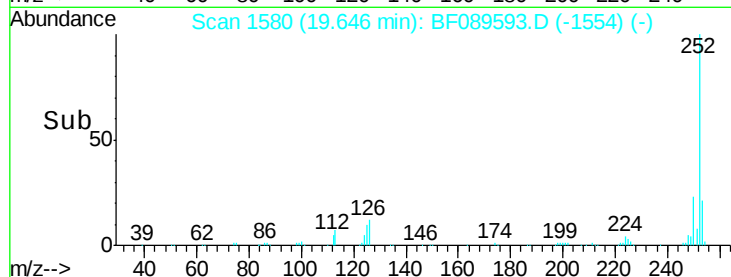
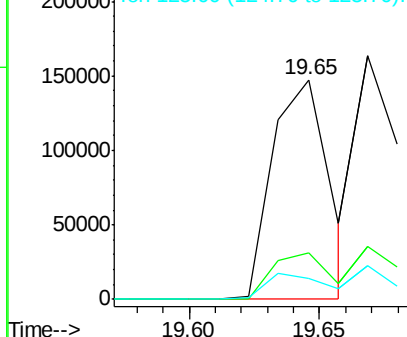
Tot Ion:	252	Resp:	219788
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.1	25.7
125	9.8	7.8	11.8

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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: 39.68 ng m

RT: 19.67 min Scan# 1582

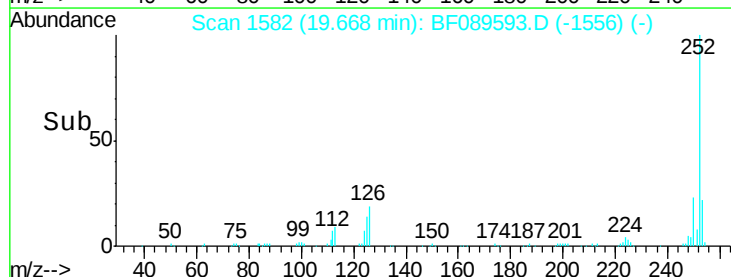
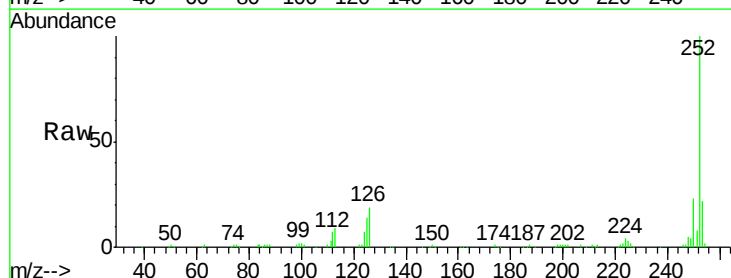
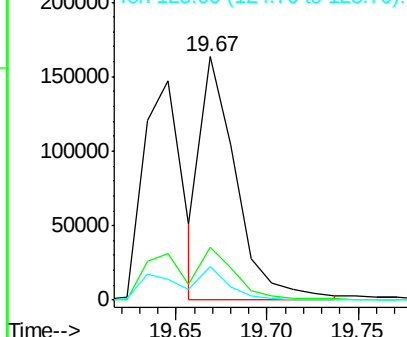
Delta R.T. 0.00 min

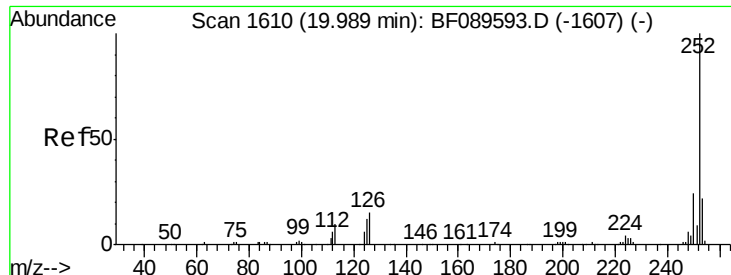
Lab File: BF089593.D

Acq: 4 Aug 2016 17:26

Tgt Ion:	252	Resp:	220851
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.3	25.9
125	13.8	11.0	16.6

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





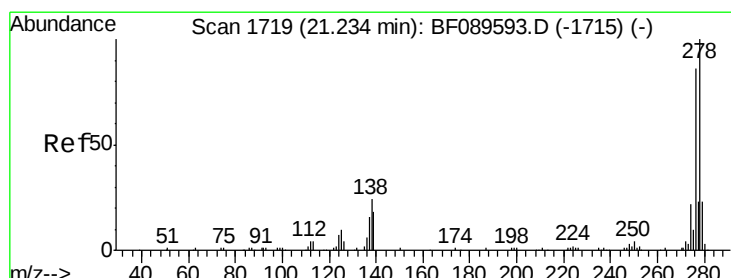
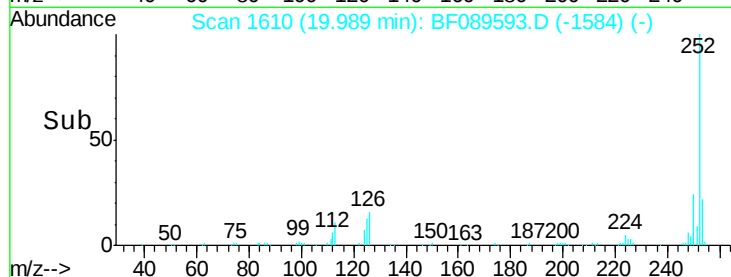
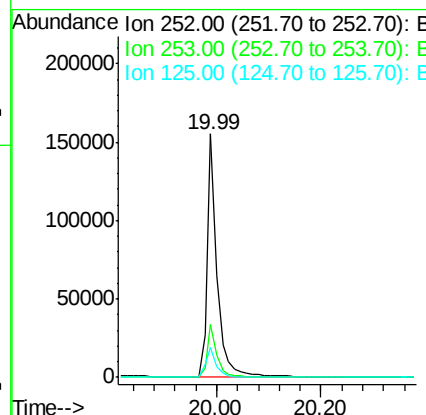
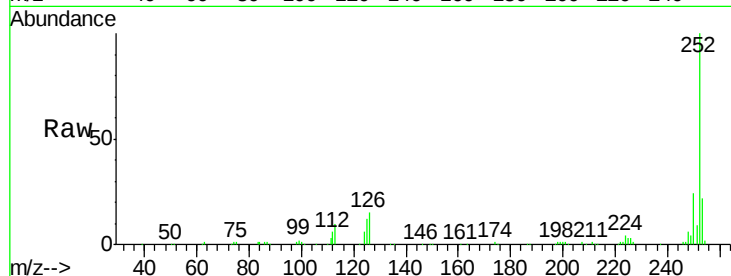
#89
Benzo(a)pyrene
Concen: 38.87 ng
RT: 19.99 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	12.4	9.9	14.9

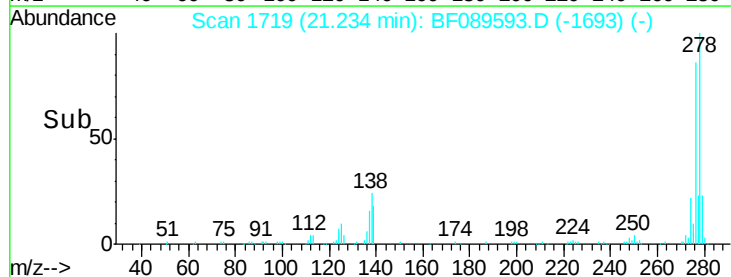
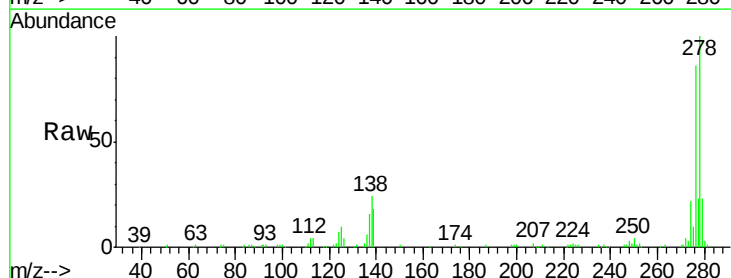
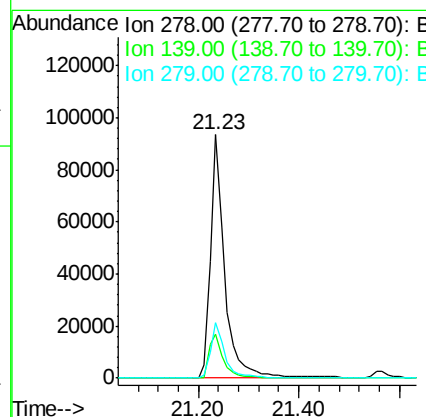
Manual Integrations
APPROVED

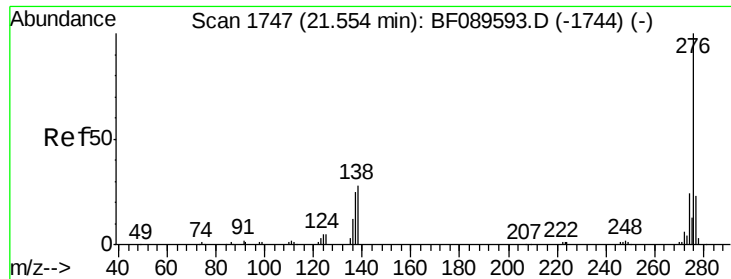
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#90
Dibenzo(a,h)anthracene
Concen: 38.03 ng
RT: 21.23 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BF089593.D
Acq: 4 Aug 2016 17:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.6	21.8
279	23.0	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 37.31 ng
 RT: 21.55 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BF089593.D
 Acq: 4 Aug 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	276	Resp:	188523
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.6	28.0
138	28.2	22.6	33.8

Manual Integrations
 APPROVED

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