

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089566.D
 Acq On : 3 Aug 2016 18:47
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Manual Integrations
 APPROVED

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Quant Time: Aug 04 08:46:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:15:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	36722	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	164613	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	78822	20.00	ng	0.00
63) Phenanthrene-d10	14.71	188	152745	20.00	ng	-0.01
75) Chrysene-d12	18.40	240	113251	20.00	ng	-0.01
86) Perylene-d12	20.07	264	81285	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	7.05	99	12477	4.22	ng	0.05
23) Nitrobenzene-d5	8.39	82	12202	4.10	ng	0.01
41) 2,4,6-Tribromophenol	13.61	330	2599	4.15	ng	0.00
44) 2-Fluorobiphenyl	11.27	172	30046	4.95	ng	-0.01
78) Terphenyl-d14	17.07	244	26002	4.61	ng	0.00

Target Compounds

						Qvalue
11) bis(2-Chloroethyl)ether	7.12	93	7550	2.81	ng	78
12) 1,3-Dichlorobenzene	7.37	146	6935	2.38	ng	95
13) 1,4-Dichlorobenzene	7.50	146	7609	2.62	ng	96
14) 1,2-Dichlorobenzene	7.72	146	7276	2.41	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.96	45	8555	2.58	ng	89
17) 2-Methylphenol	8.01	107	4335	2.23	ng	95
18) Hexachloroethane	8.24	117	3147	2.58	ng	89
19) n-Nitroso-di-n-propylamine	8.17	70	4311	3.90	ng	# 92
25) Isophorone	8.80	82	13804	2.44	ng	99
30) 1,2,4-Trichlorobenzene	9.43	180	5781	2.33	ng	98
31) Naphthalene	9.53	128	21661	2.47	ng	98
34) Hexachlorobutadiene	9.75	225	3795	2.63	ng	96
37) 2-Methylnaphthalene	10.66	142	13519	2.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.92	216	6521	2.20	ng	97
45) 1,1'-Biphenyl	11.43	154	16812	2.36	ng	99
46) 2-Chloronaphthalene	11.44	162	12096	2.27	ng	97
48) Acenaphthylene	12.09	152	21142	2.40	ng	99
49) Dimethylphthalate	11.96	163	15434	2.56	ng	# 98
51) Acenaphthene	12.36	154	12706	2.49	ng	98
54) Dibenzofuran	12.66	168	16992	2.45	ng	99
57) Fluorene	13.21	166	14200	2.41	ng	95
59) Diethylphthalate	13.11	149	15950	2.61	ng	99
60) 4-Chlorophenyl-phenylether	13.24	204	5833	2.20	ng	96
62) Azobenzene	13.50	77	15722	2.51	ng	95
65) n-Nitrosodiphenylamine	13.45	169	11769	2.26	ng	96
66) 4-Bromophenyl-phenylether	14.03	248	3004	2.01	ng	# 78
67) Hexachlorobenzene	14.09	284	4069	2.52	ng	92
68) Atrazine	14.35	200	3040	2.26	ng	97
70) Phenanthrene	14.75	178	19868	2.44	ng	99
71) Anthracene	14.85	178	23620	2.65	ng	97
72) Carbazole	15.15	167	16302	2.26	ng	98
73) Di-n-butylphthalate	15.71	149	21635	2.34	ng	98
74) Fluoranthene	16.51	202	21262	2.57	ng	99
77) Pyrene	16.82	202	22615	2.25	ng	99

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

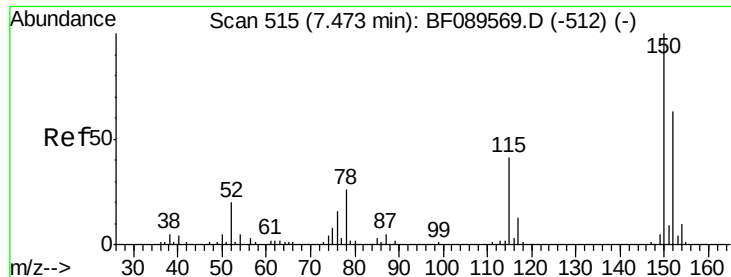
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Quant Time: Aug 04 08:46:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 07:15:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Butylbenzylphthalate	17.74	149	7751	2.05	nq	96
80) Benzo(a)anthracene	18.40	228	15221	2.31	nq	97
82) Chrysene	18.45	228	17632m	2.59	nq	
83) Bis(2-ethylhexyl)phthalate	18.49	149	10307	2.02	nq	100
87) Benzo(b)fluoranthene	19.67	252	12702	2.56	nq	96
88) Benzo(k)fluoranthene	19.70	252	11907m	2.43	nq	
89) Benzo(a)pyrene	20.02	252	11262	2.45	nq	99

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



#1

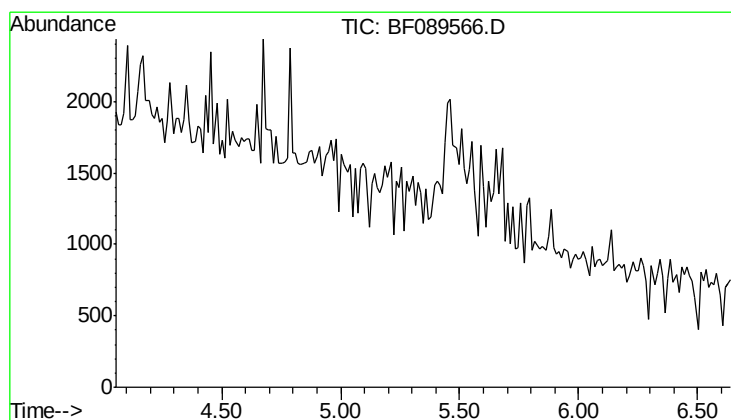
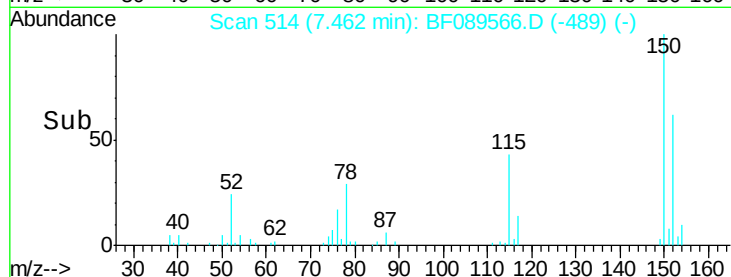
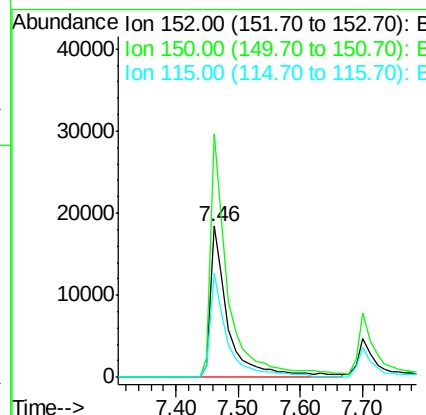
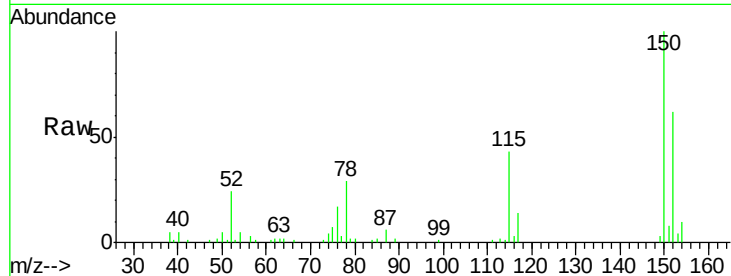
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
150	161.3	127.4	191.2	
115	69.3	51.8	77.8	

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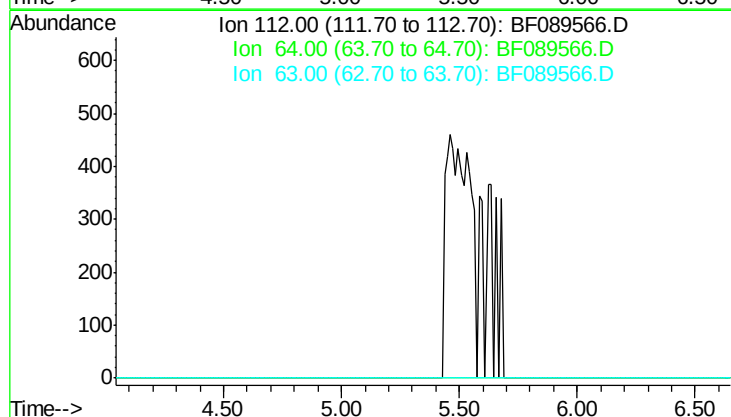


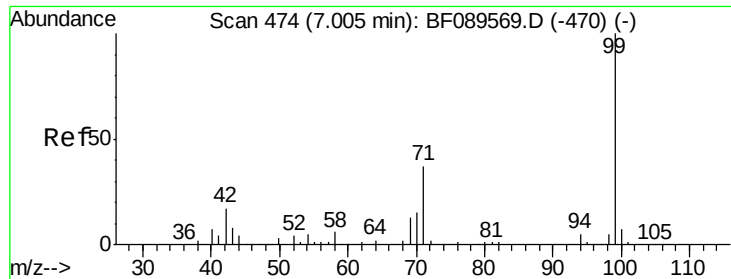
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.35 min

Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Tgt Ion	Sig	Exp Ratio
112	100	
64	56.5	
63	28.9	





#7

Phenol-d6

Concen: 4.22 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.05 min

Lab File: BF089566.D

Acq: 3 Aug 2016 18:47

Instrument :

BNA_F

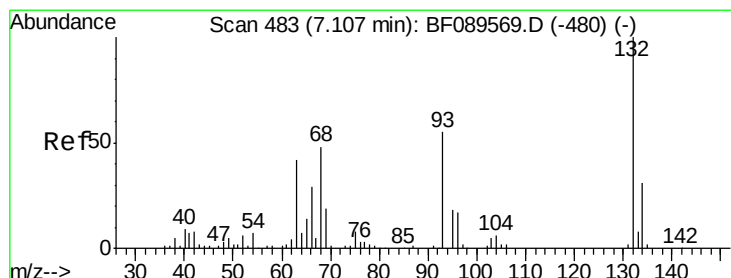
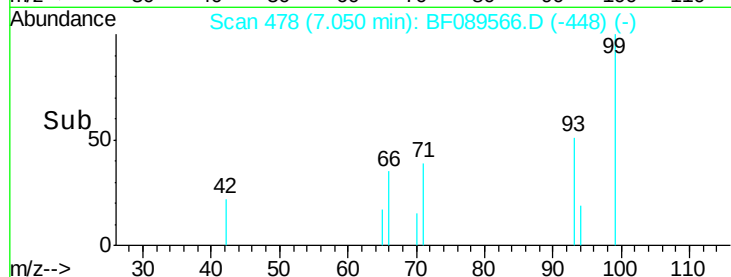
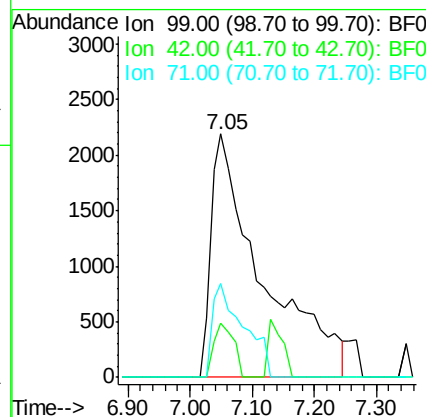
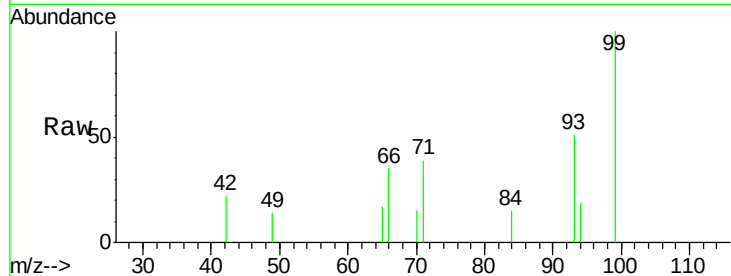
ClientSampleId :

SSTDIC02.5

Tot Ion:	99	Resp:	12477
Ion Ratio	Lower	Upper	
99	100		
42	22.2	13.9	20.9#
71	38.7	29.3	43.9

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#11

bis(2-Chloroethyl)ether

Concen: 2.81 ng

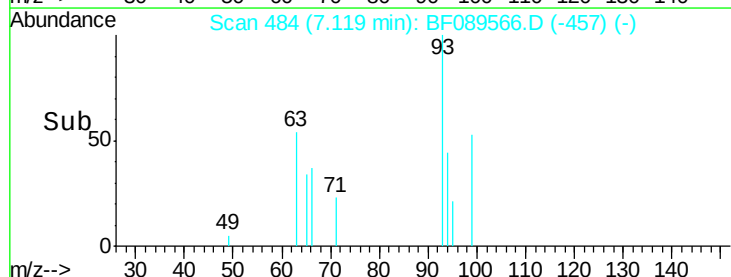
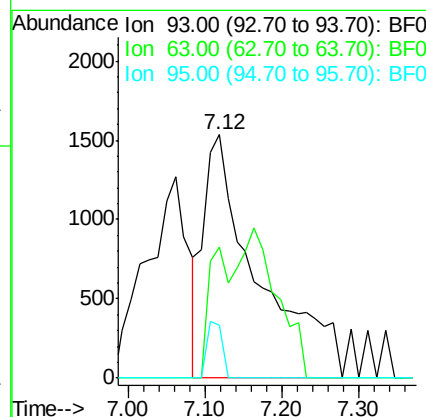
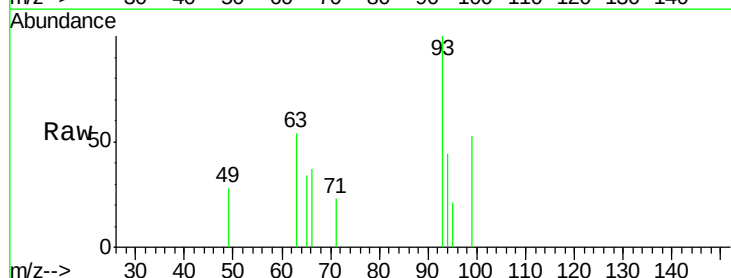
RT: 7.12 min Scan# 484

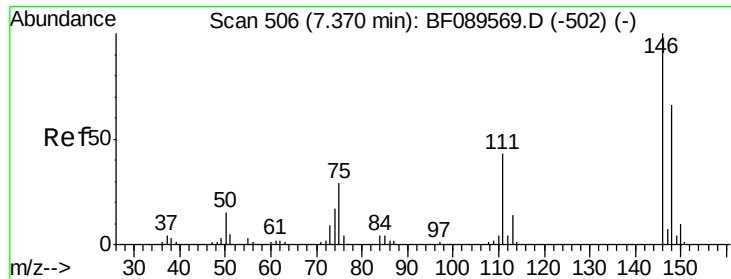
Delta R.T. 0.01 min

Lab File: BF089566.D

Acq: 3 Aug 2016 18:47

Tgt Ion:	93	Resp:	7550
Ion Ratio	Lower	Upper	
93	100		
63	54.0	54.0	94.0
95	21.5	12.3	52.3





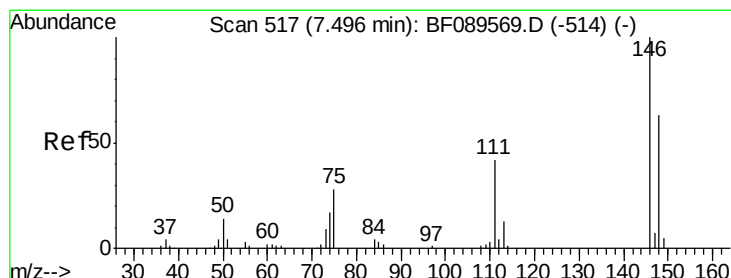
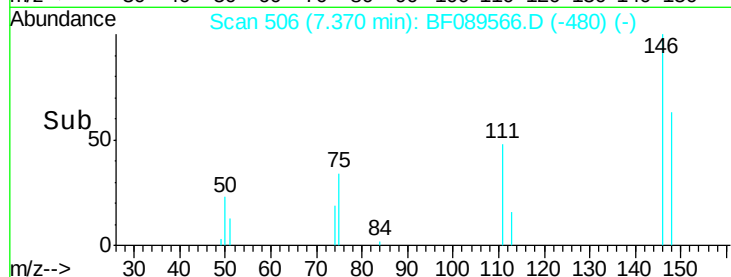
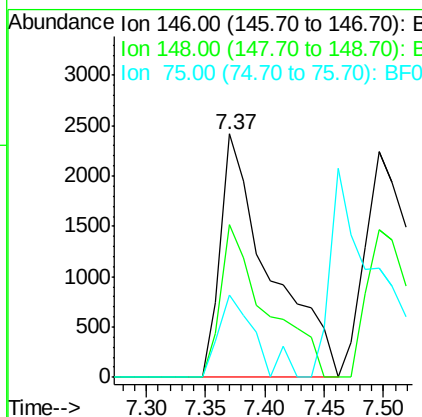
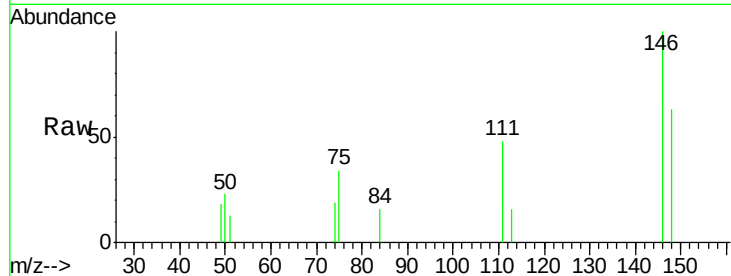
#12
1,3-Dichlorobenzene
Concen: 2.38 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.7	79.1
75	33.7	23.3	34.9

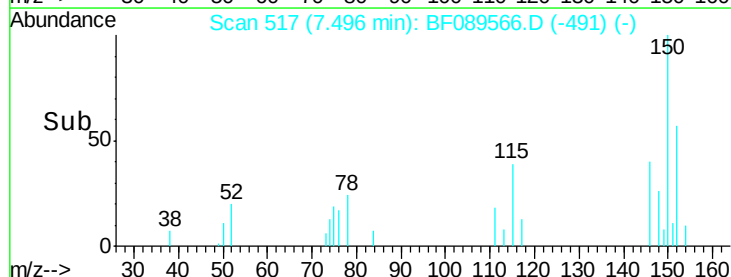
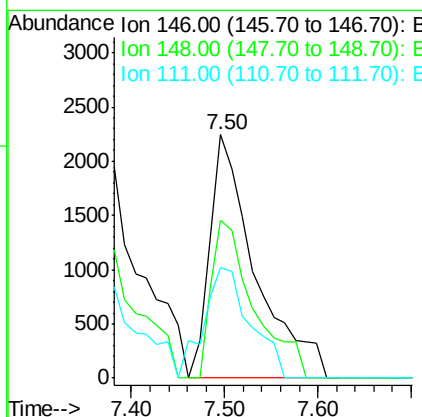
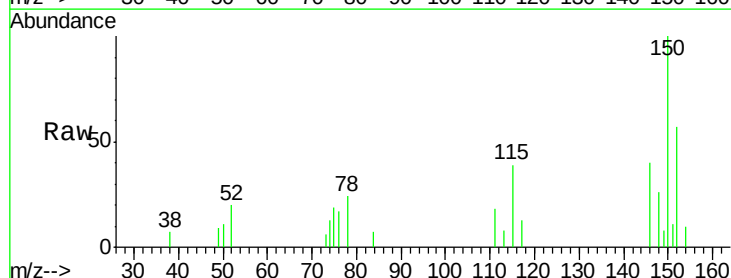
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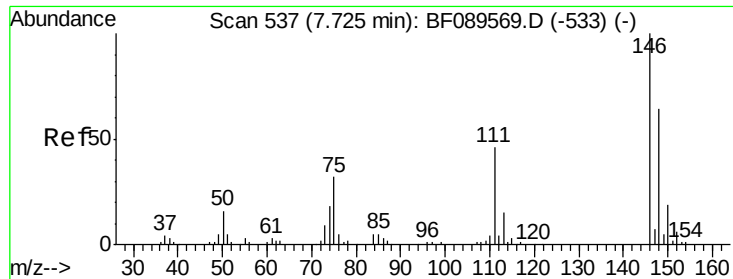
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#13
1,4-Dichlorobenzene
Concen: 2.62 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	76.0
111	45.5	33.7	50.5





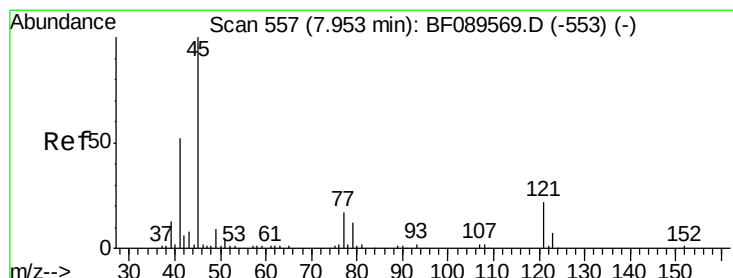
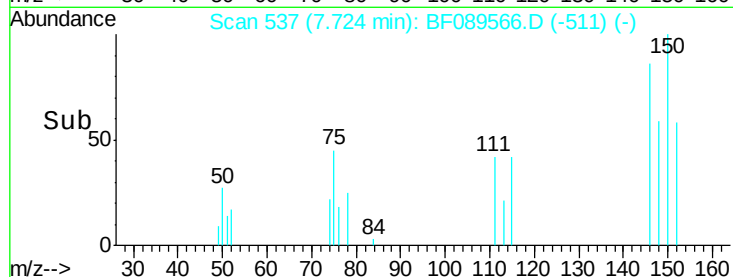
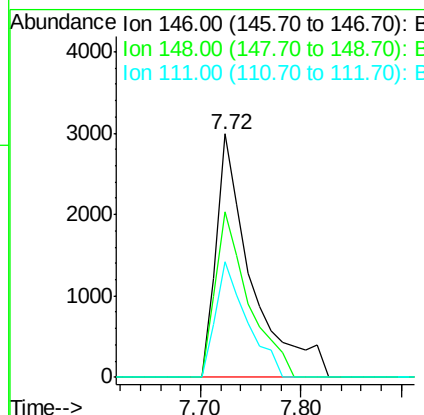
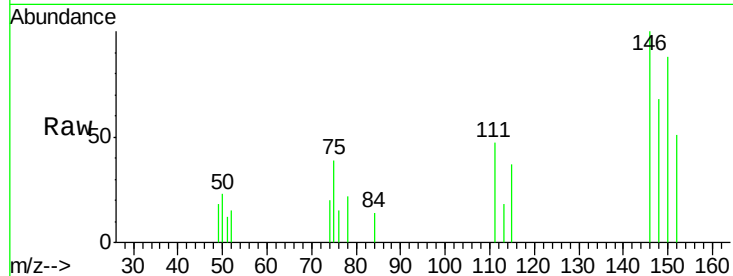
#14
 1,2-Dichlorobenzene
 Concen: 2.41 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.9	51.4	77.0
111	47.4	36.6	55.0

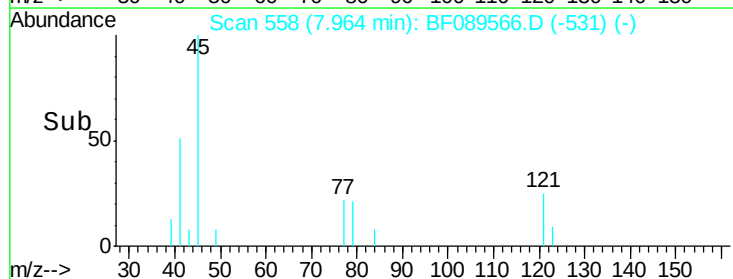
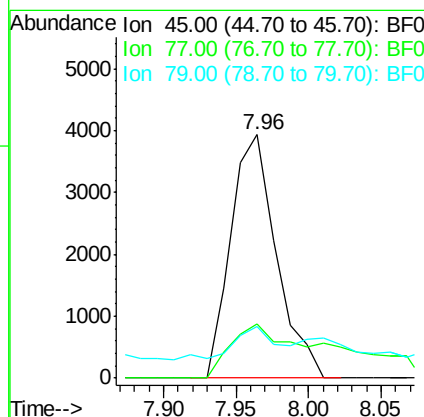
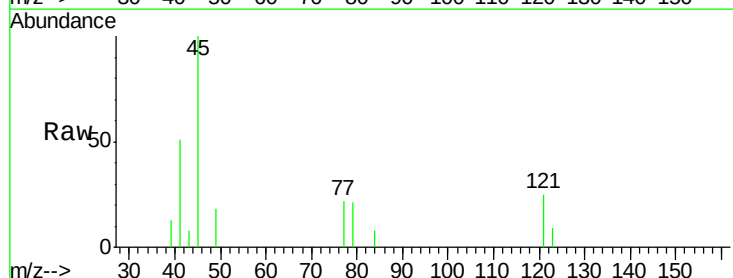
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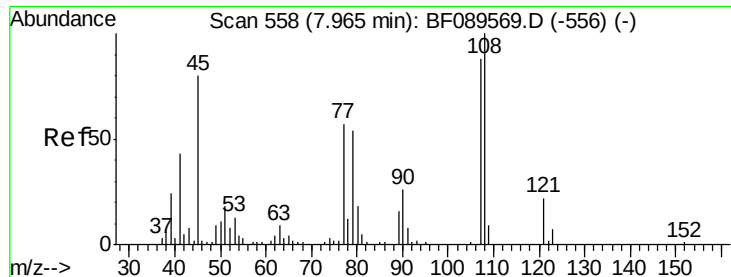
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#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 2.58 ng
 RT: 7.96 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.2	0.0	38.9
79	21.4	0.0	35.2





#17

2-Methylphenol

Concen: 2.23 ng

RT: 8.01 min Scan# 562

Delta R.T. 0.05 min

Lab File: BF089566.D

Acq: 3 Aug 2016 18:47

Instrument :

BNA_F

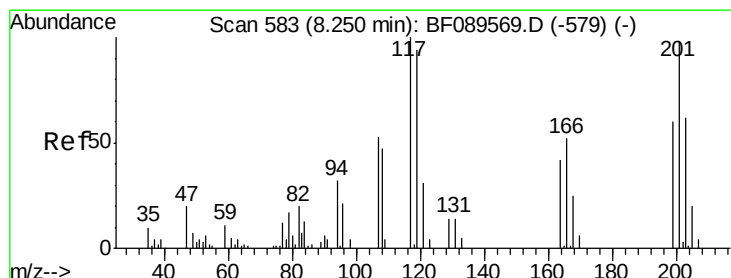
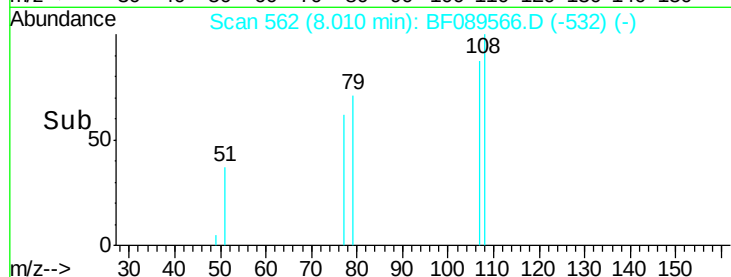
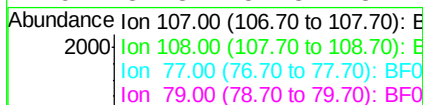
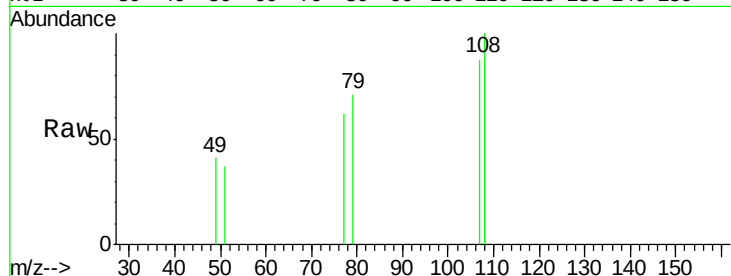
ClientSampleId :

SSTDIC02.5

Tot Ion:	107	Resp:	4335
Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.3	136.9
77	71.3	58.1	87.1
79	81.8	54.8	82.2

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#18

Hexachloroethane

Concen: 2.58 ng

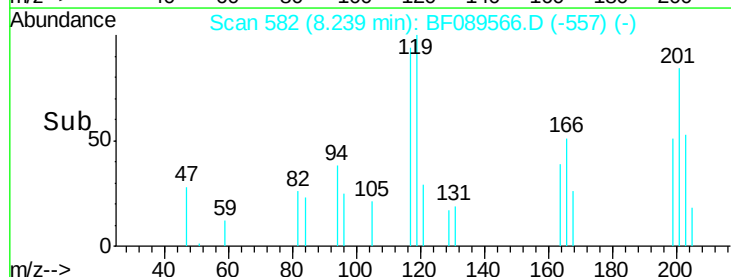
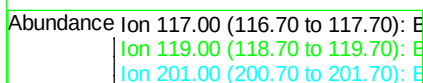
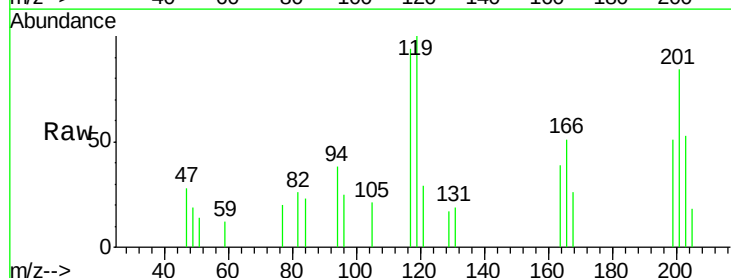
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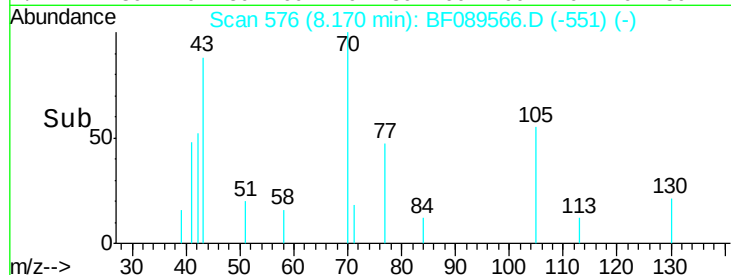
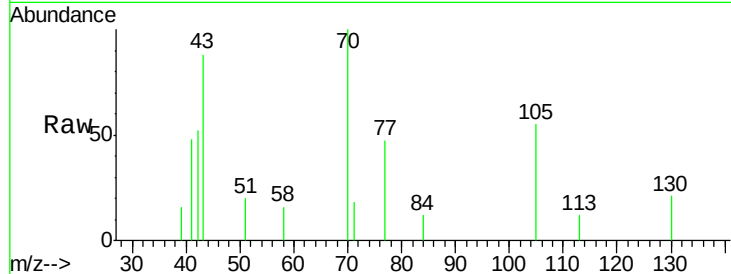
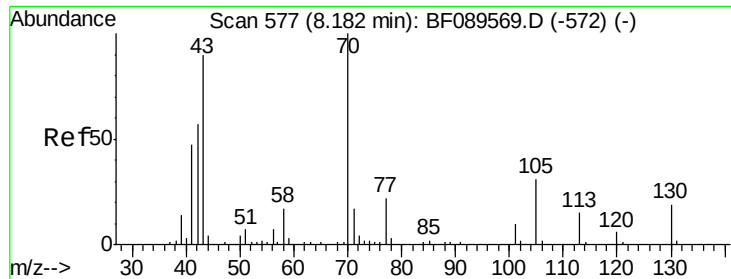
Delta R.T. -0.01 min

Lab File: BF089566.D

Acq: 3 Aug 2016 18:47

Tgt Ion:	117	Resp:	3147
Ion	Ratio	Lower	Upper
117	100		
119	106.0	75.5	113.3
201	88.7	78.8	118.2





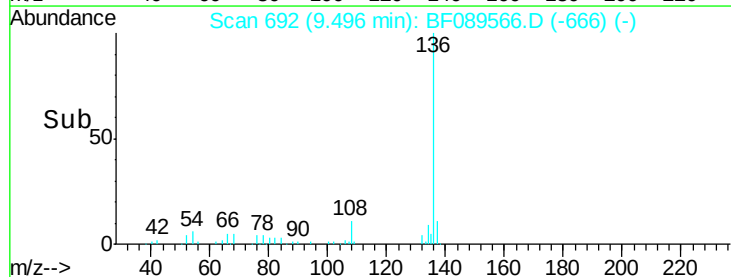
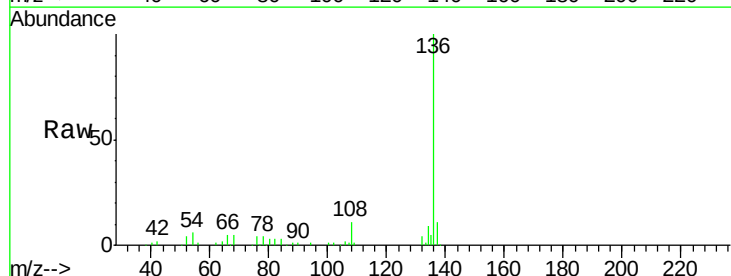
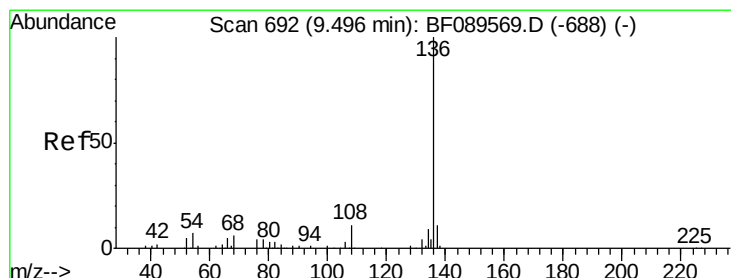
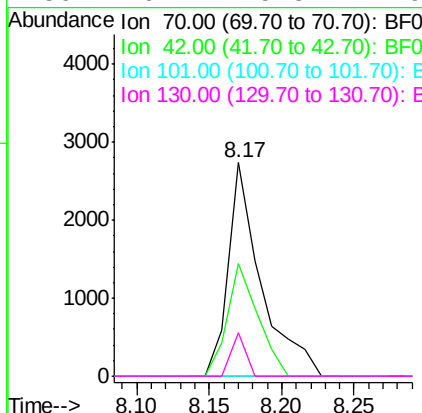
#19
n-Nitroso-di-n-propylamine
Concen: 3.90 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Tot Ion	Ion	Ratio	Lower	Upper
4311	70	100		
	42	52.5	45.5	68.3
	101	0.0	7.7	11.5#
	130	20.7	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

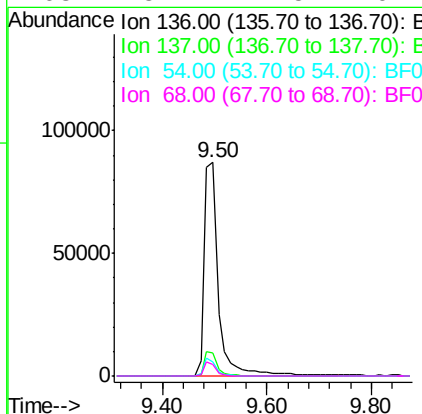
Manual Integrations
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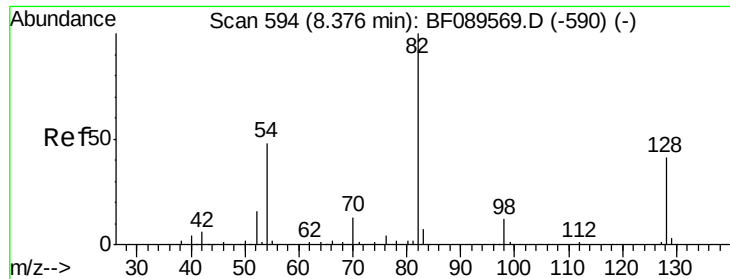
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Tgt Ion	Ion	Ratio	Lower	Upper
136	136	100		
	137	11.0	8.8	13.2
	54	6.5	5.9	8.9
	68	5.2	4.5	6.7





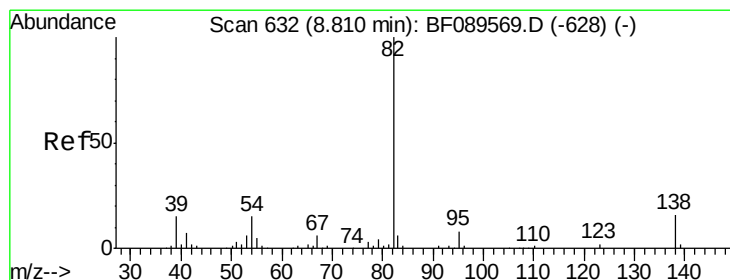
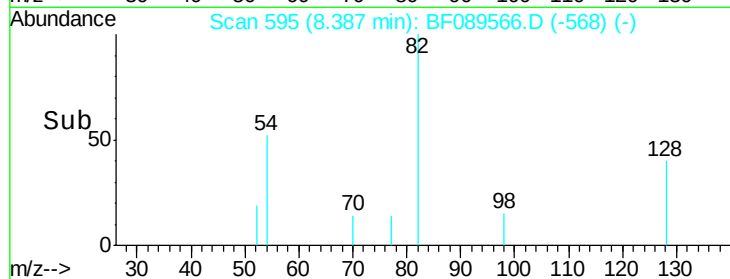
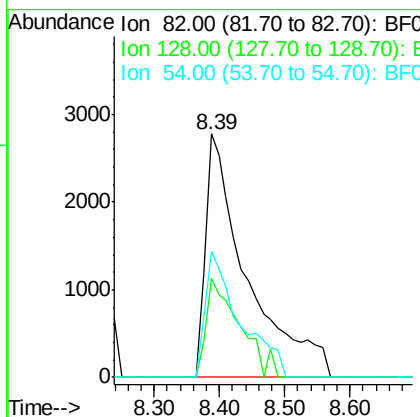
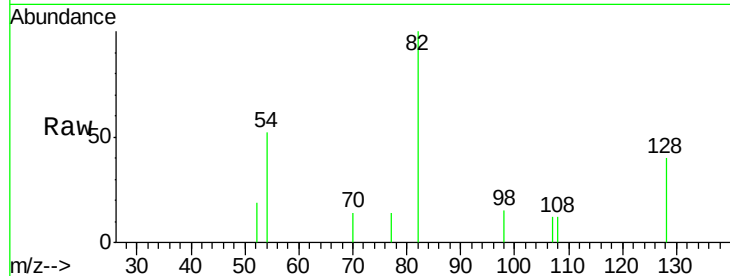
#23
Nitrobenzene-d5
Concen: 4.10 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	82	Resp	12202
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.4	48.6
54	52.0	38.6	58.0

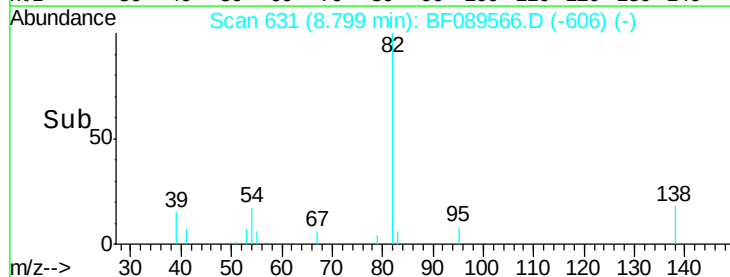
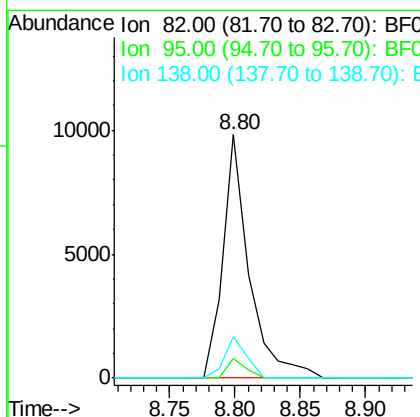
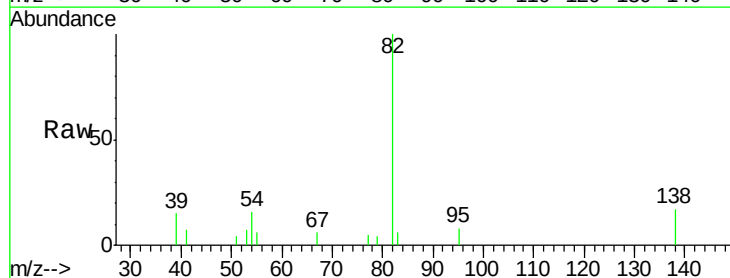
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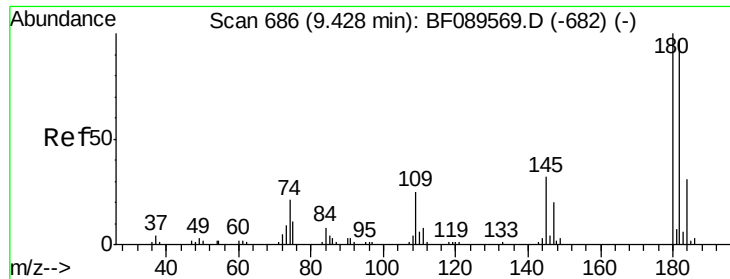
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#25
Isophorone
Concen: 2.44 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Tgt Ion	82	Resp	13804
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.1	9.1
138	16.9	13.0	19.4





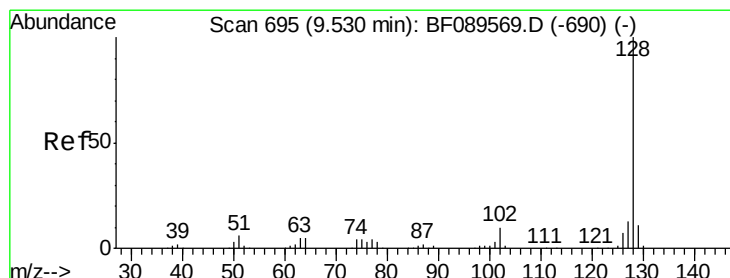
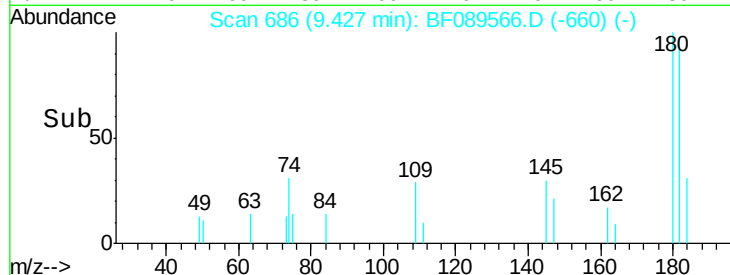
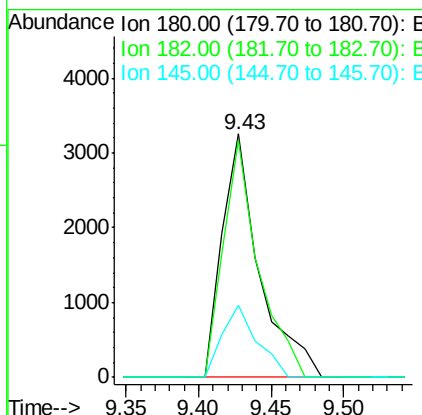
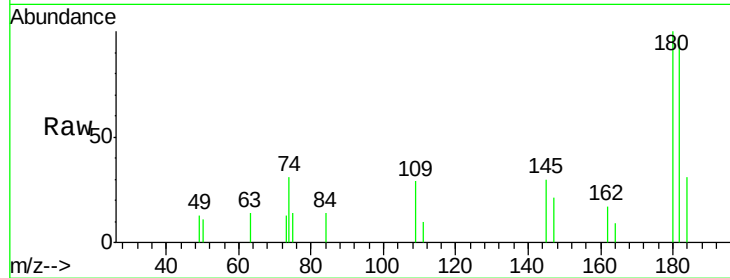
#30
 1,2,4-Trichlorobenzene
 Concen: 2.33 ng
 RT: 9.43 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.2	115.8
145	29.6	25.3	37.9

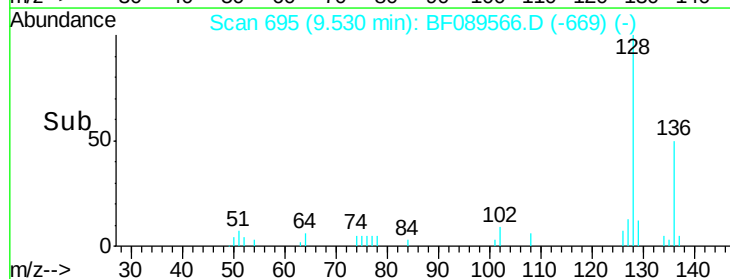
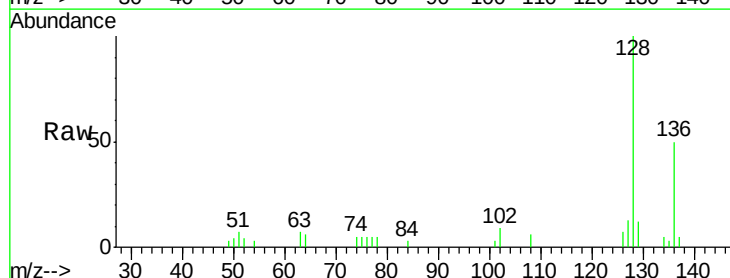
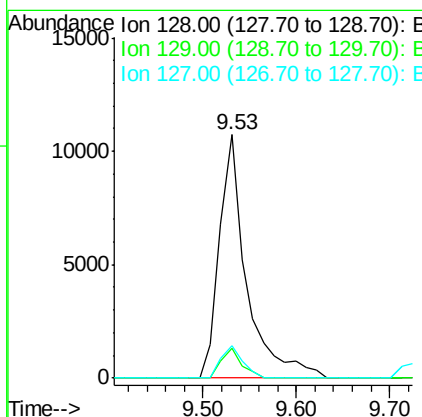
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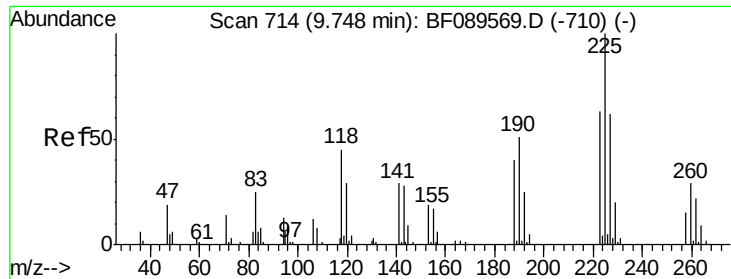
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#31
 Naphthalene
 Concen: 2.47 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.8	13.2
127	13.4	10.8	16.2





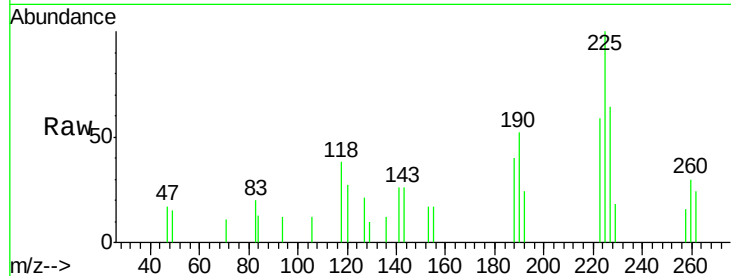
#34
Hexachlorobutadiene
Concen: 2.63 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
225	100		
223	58.8	50.3	75.5
227	63.6	49.6	74.4

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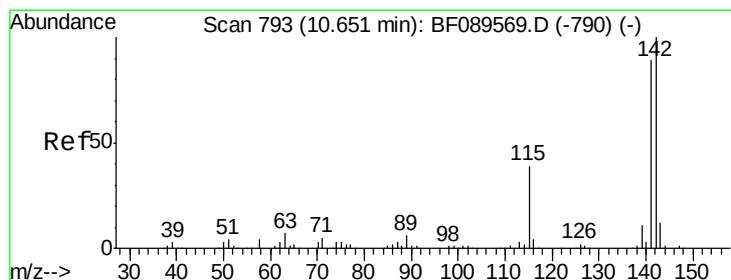
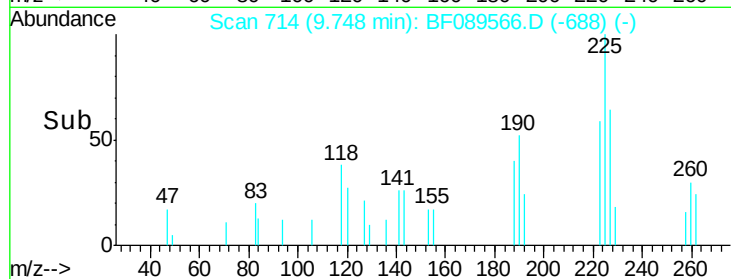
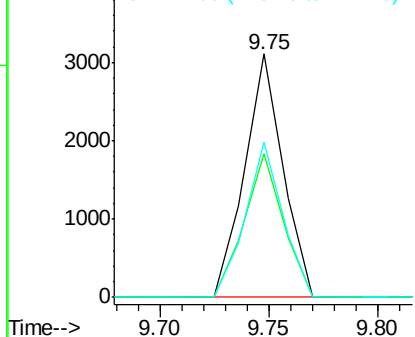


Abundance

Ion 225.00 (224.70 to 225.70): E

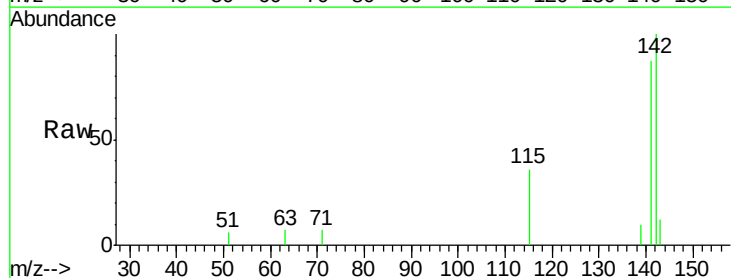
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#37
2-Methylnaphthalene
Concen: 2.53 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.9	106.3
115	36.1	30.7	46.1

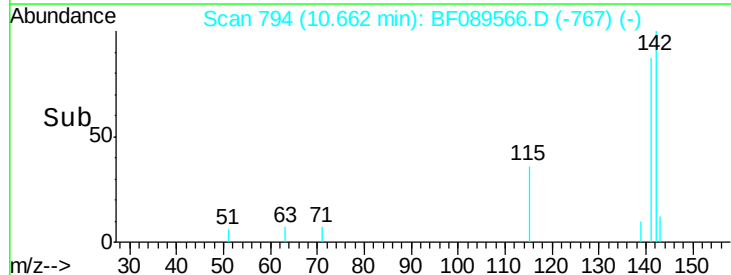
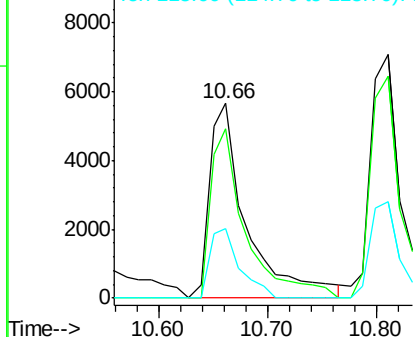


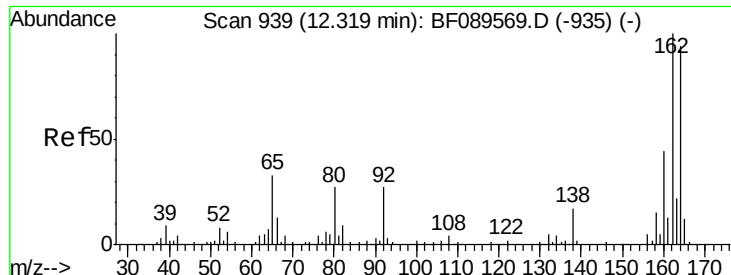
Abundance

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





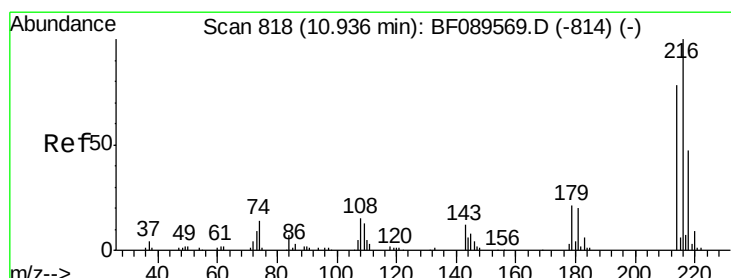
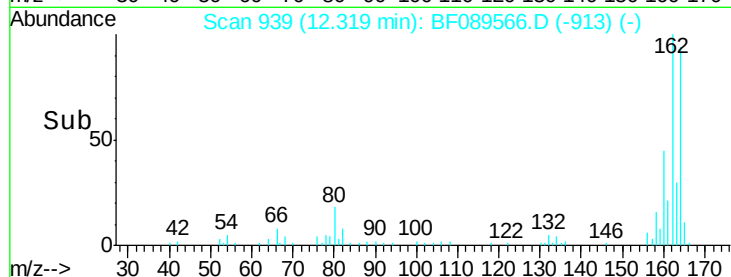
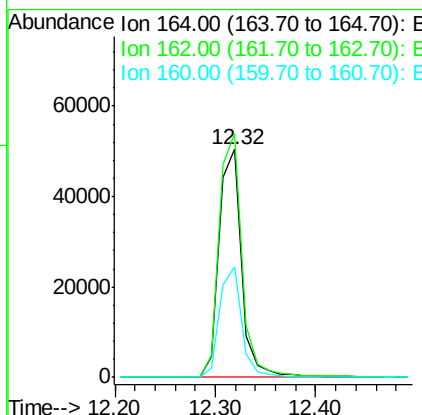
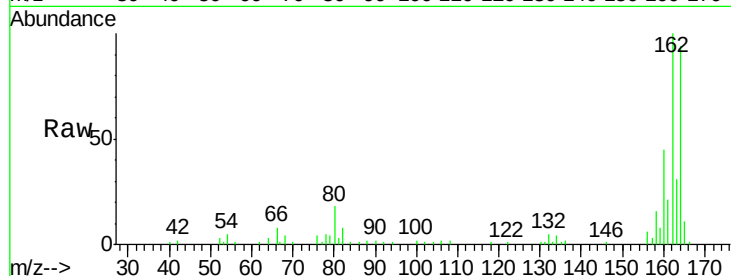
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.32 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.9	85.4	128.2
160	48.4	37.3	55.9

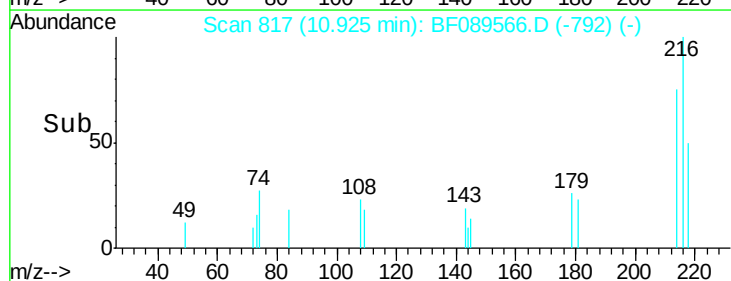
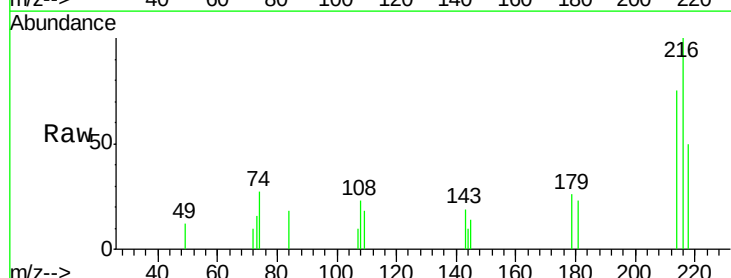
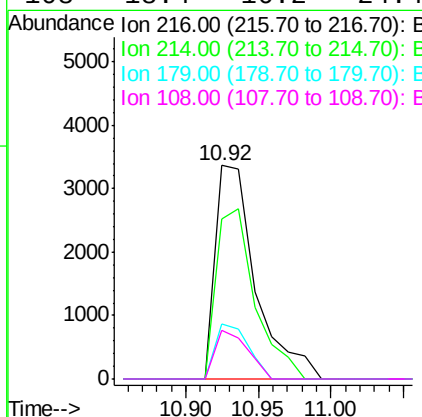
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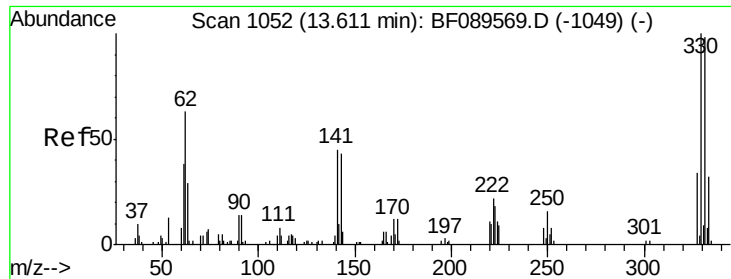
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.20 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.9	62.5	93.7
179	21.1	18.0	27.0
108	18.4	16.2	24.4





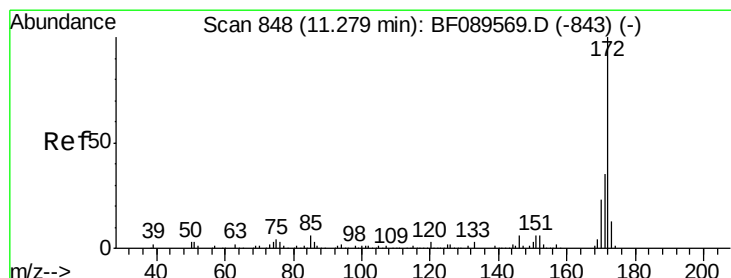
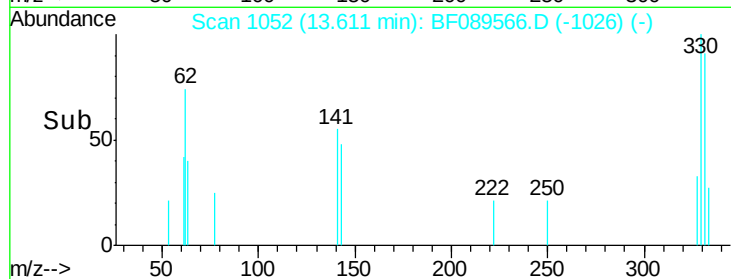
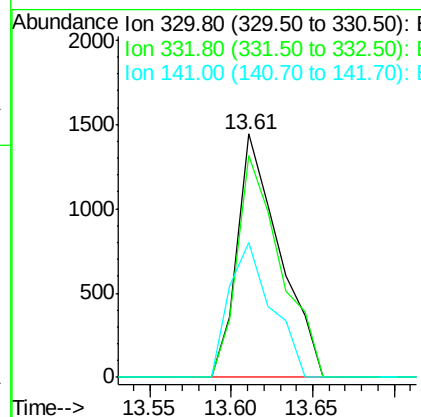
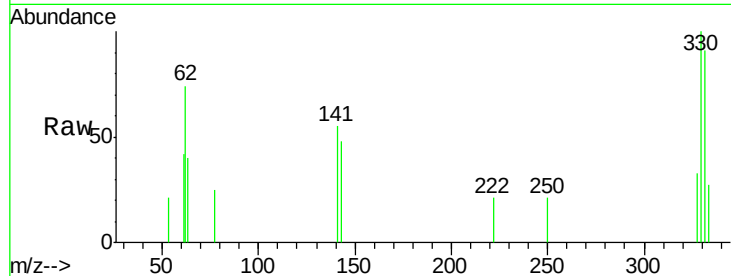
#41
 2,4,6-Tribromophenol
 Concen: 4.15 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:	330	Resp:	2599
Ion Ratio	Lower	Upper	
330	100		
332	93.6	76.7	115.1
141	55.3	40.3	60.5

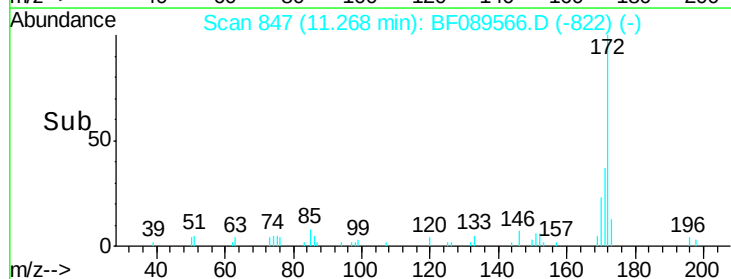
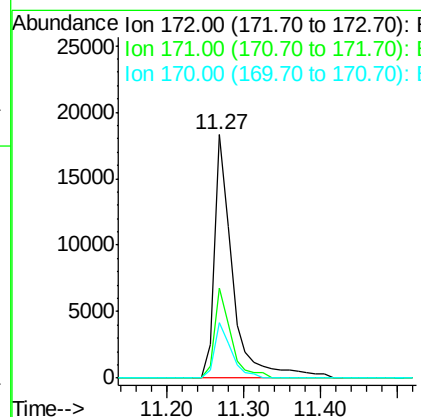
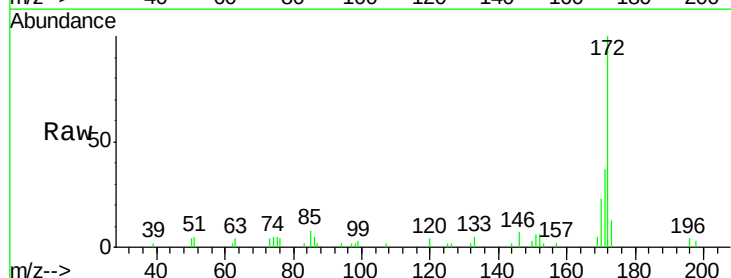
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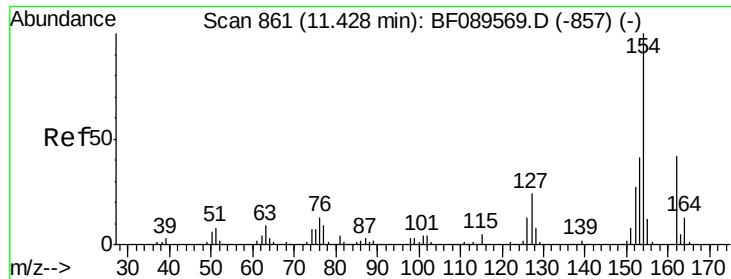
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#44
 2-Fluorobiphenyl
 Concen: 4.95 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Tgt Ion:	172	Resp:	30046
Ion Ratio	Lower	Upper	
172	100		
171	36.8	28.1	42.1
170	23.0	18.6	28.0





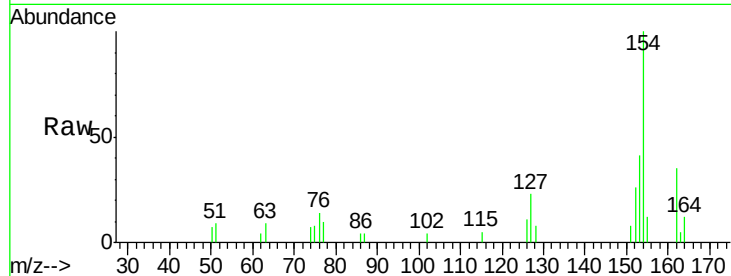
#45
 1,1'-Biphenyl
 Concen: 2.36 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

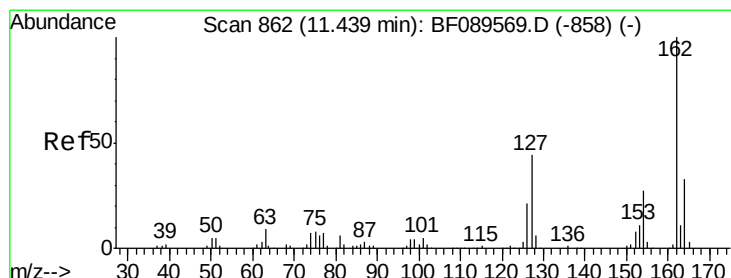
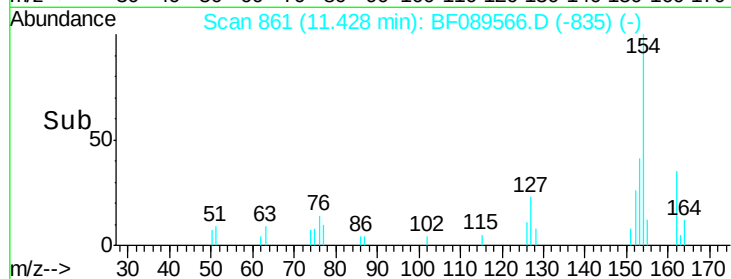
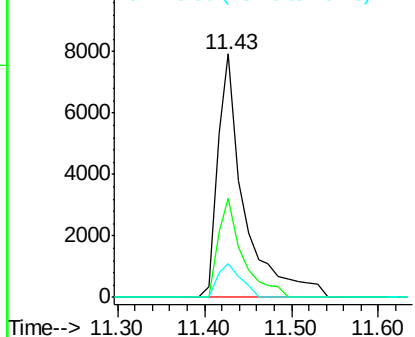
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	14.1	0.0	33.3

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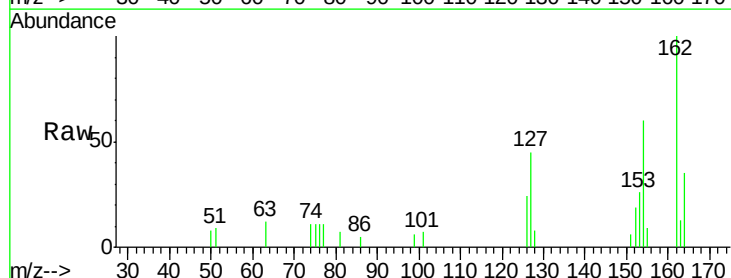


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

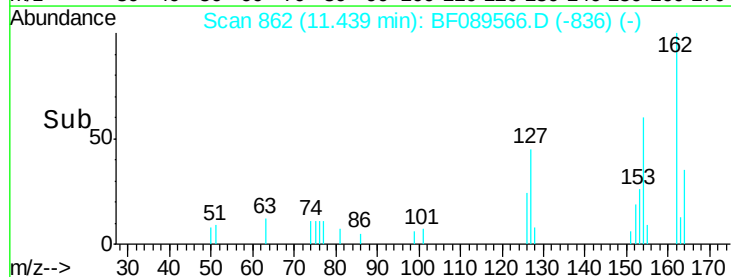
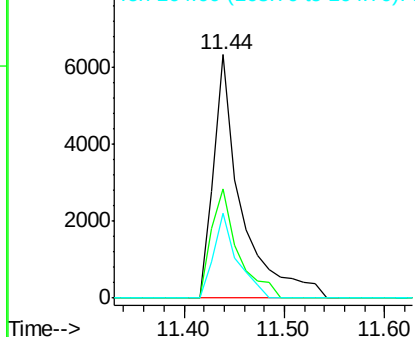


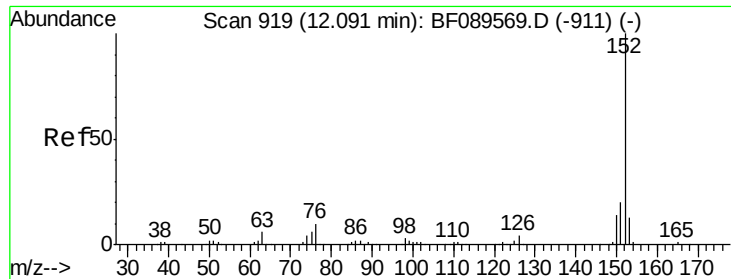
#46
 2-Chloronaphthalene
 Concen: 2.27 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.7	35.0	52.4
164	34.9	26.2	39.2



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





#48

Acenaphthylene

Concen: 2.40 ng

RT: 12.09 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF089566.D

Acq: 3 Aug 2016 18:47

Instrument :

BNA_F

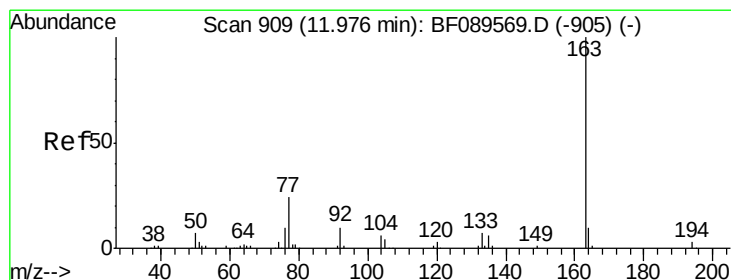
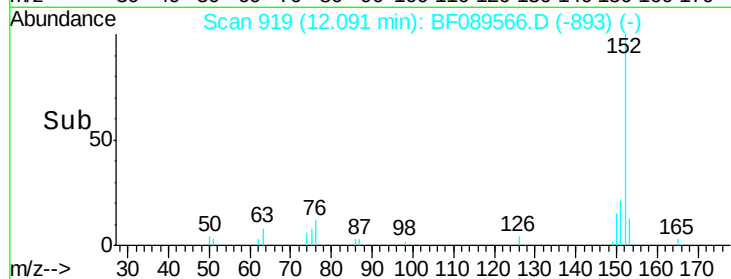
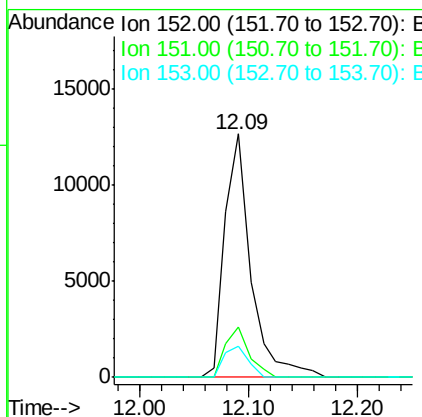
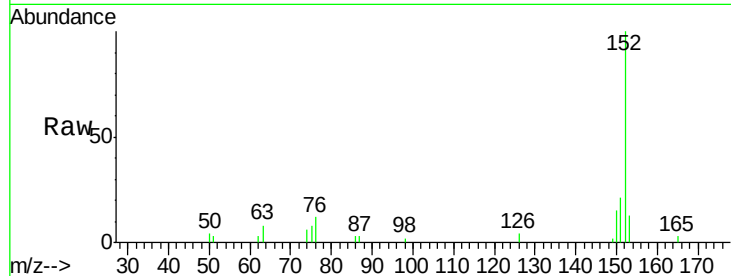
ClientSampleId :

SSTDICC02.5

Tot Ion:	152	Resp:	21142
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	12.7	10.6	15.8

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#49

Dimethylphthalate

Concen: 2.56 ng

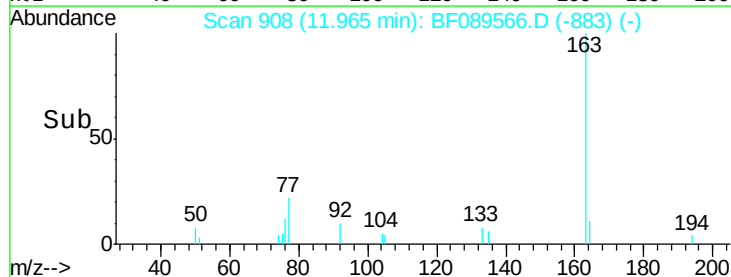
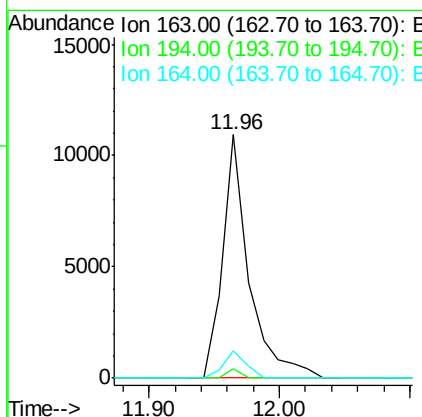
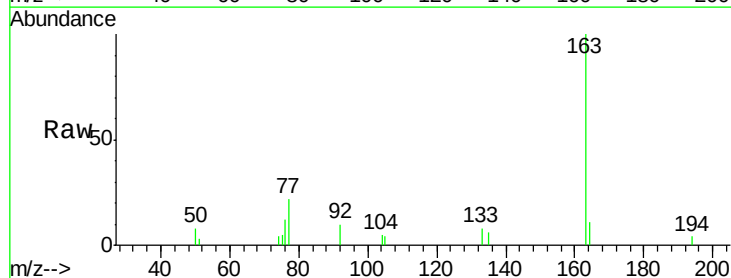
RT: 11.96 min Scan# 908

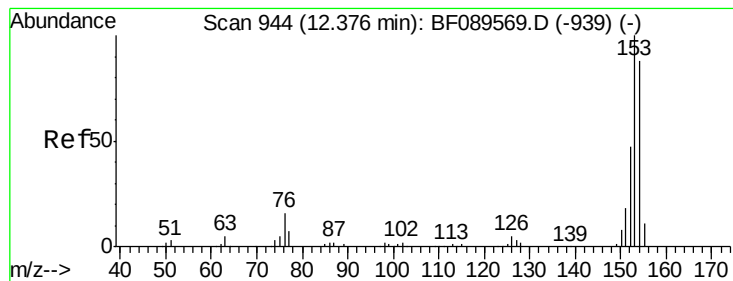
Delta R.T. -0.01 min

Lab File: BF089566.D

Acq: 3 Aug 2016 18:47

Tgt Ion:	163	Resp:	15434
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.4	3.6#
164	11.3	8.2	12.4





#51

Acenaphthene

Concen: 2.49 ng

RT: 12.36 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF089566.D

Acq: 3 Aug 2016 18:47

Instrument :

BNA_F

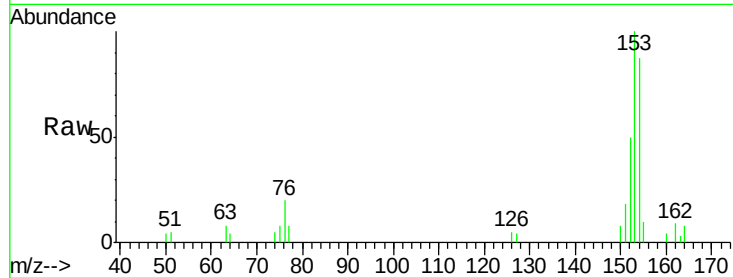
ClientSampleId :

SSTDICC02.5

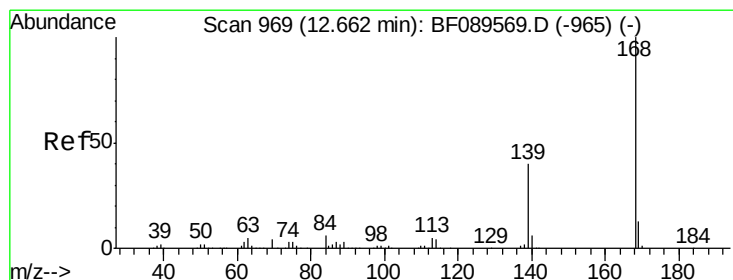
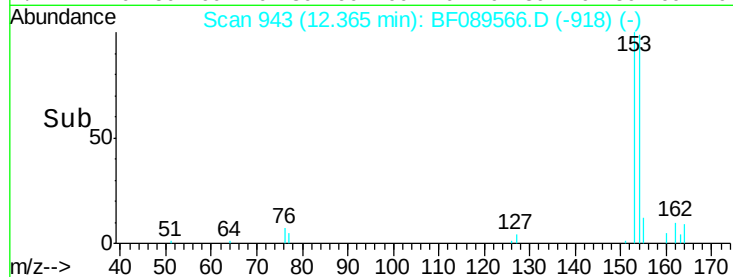
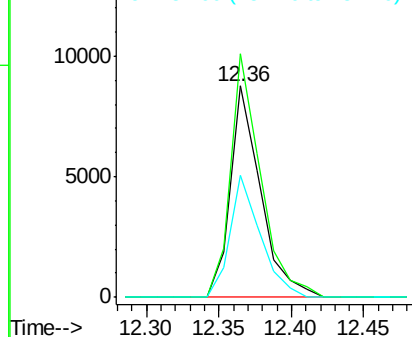
Tot Ion:	154	Resp:	12706
Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.2	136.8
152	57.6	43.1	64.7

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



#54

Dibenzofuran

Concen: 2.45 ng

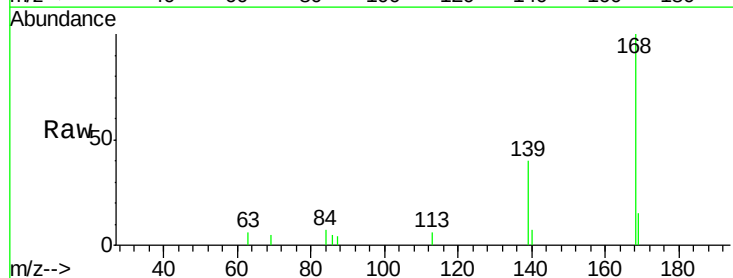
RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

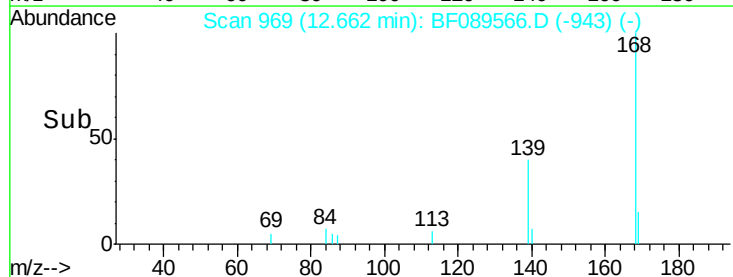
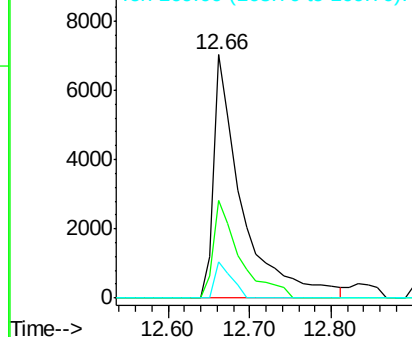
Lab File: BF089566.D

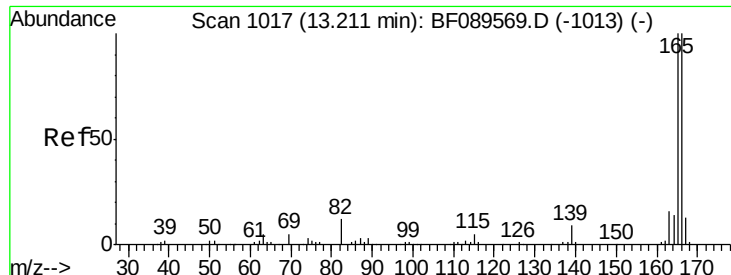
Acq: 3 Aug 2016 18:47

Tgt Ion:	168	Resp:	16992
Ion	Ratio	Lower	Upper
168	100		
139	40.3	31.8	47.8
169	14.6	10.6	16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





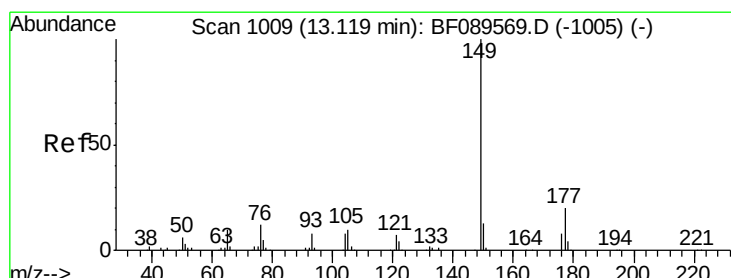
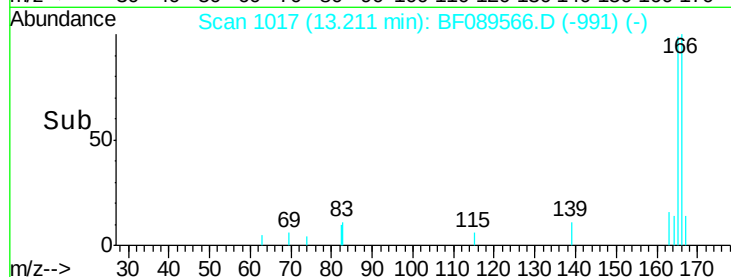
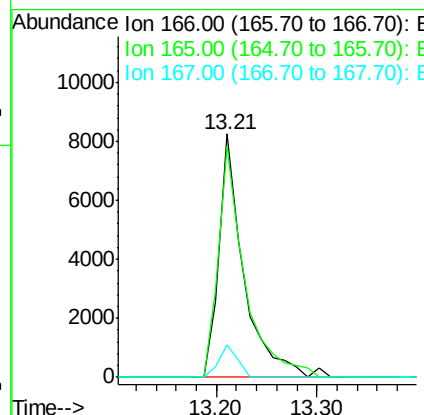
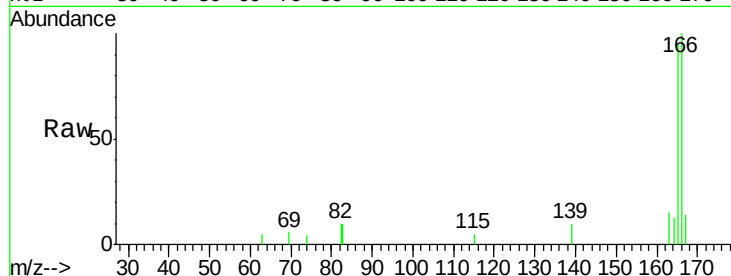
#57
Fluorene
Concen: 2.41 ng
RT: 13.21 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.0	80.2	120.2
167	13.5	10.4	15.6

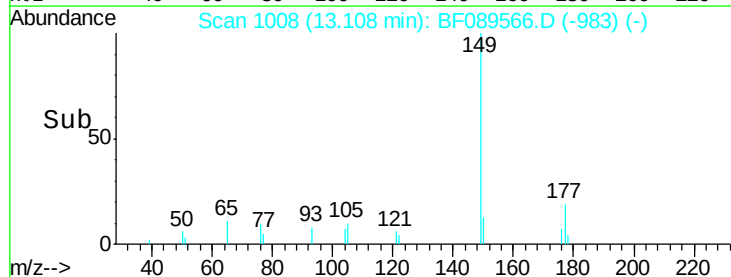
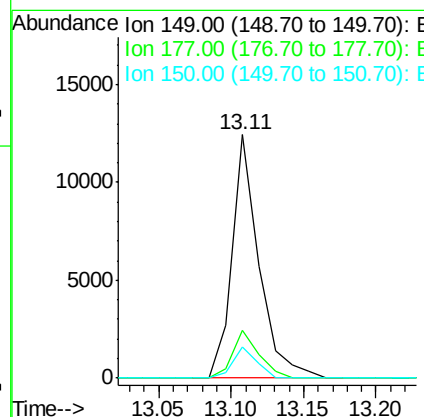
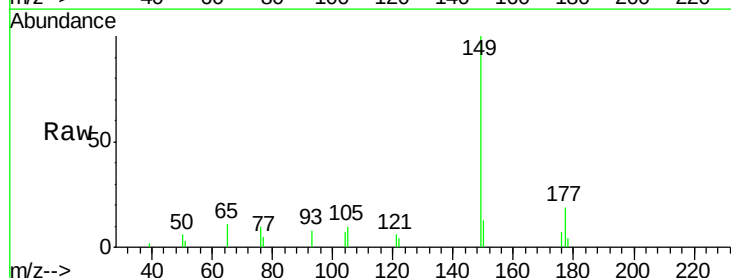
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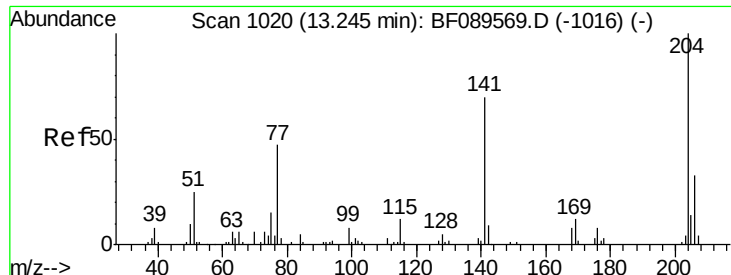
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#59
Diethylphthalate
Concen: 2.61 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.4	15.8	23.8
150	13.0	10.1	15.1





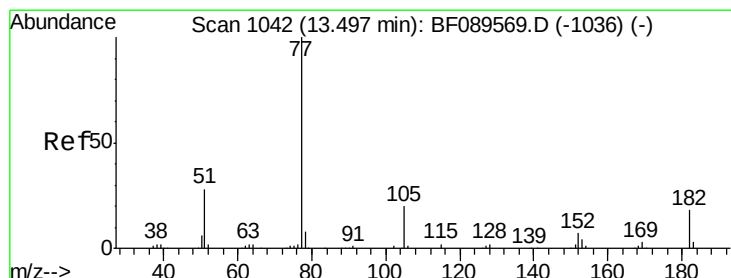
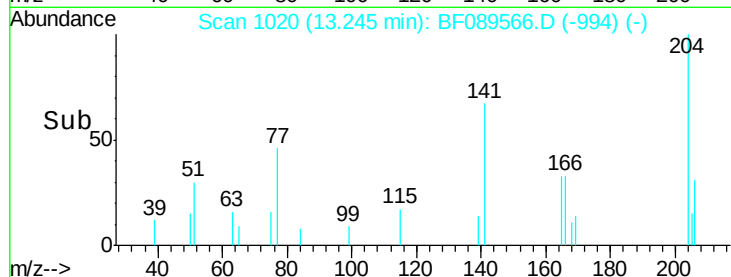
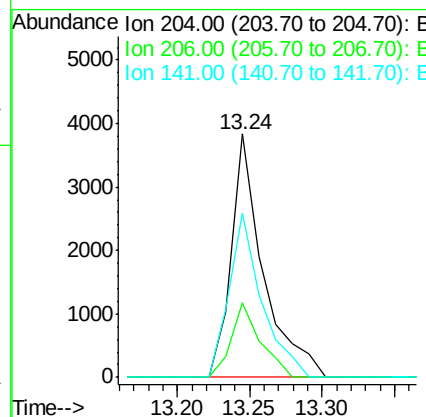
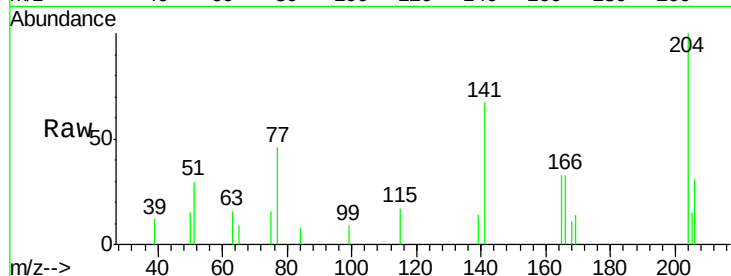
#60
 4-Chlorophenyl-phenylether
 Concen: 2.20 ng
 RT: 13.24 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:	204	Resp:	5833
Ion Ratio	Lower	Upper	
204	100		
206	30.7	26.2	39.2
141	67.4	56.3	84.5

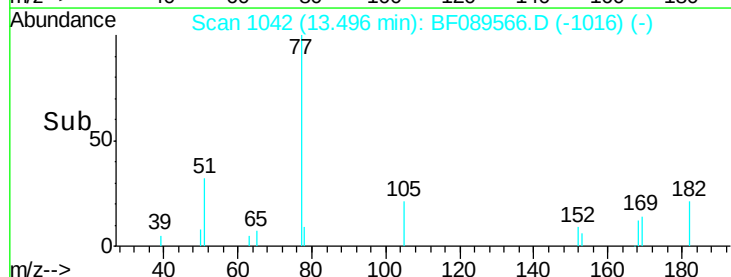
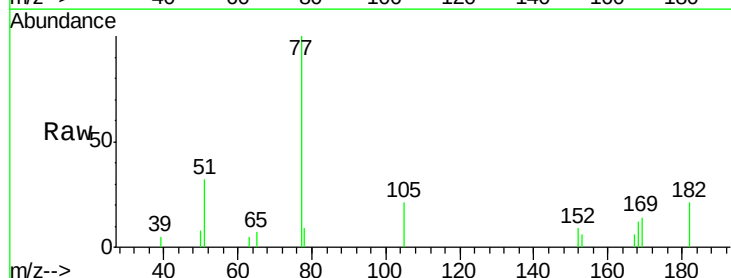
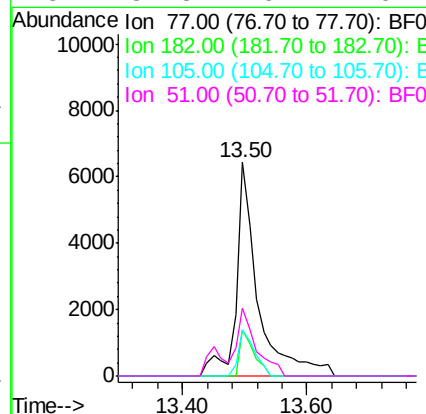
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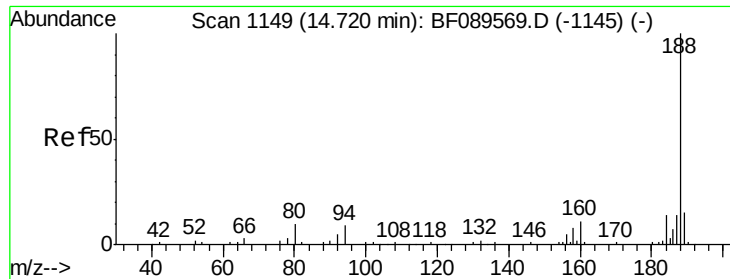
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#62
 Azobenzene
 Concen: 2.51 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Tgt Ion:	77	Resp:	15722
Ion Ratio	Lower	Upper	
77	100		
182	21.3	0.0	38.0
105	21.3	0.6	40.6
51	31.8	9.1	49.1





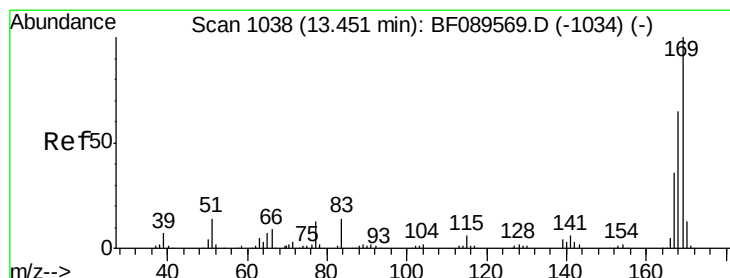
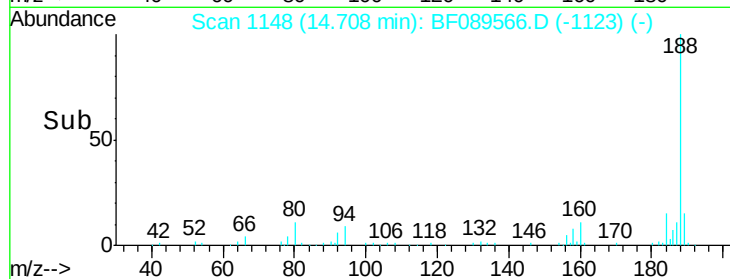
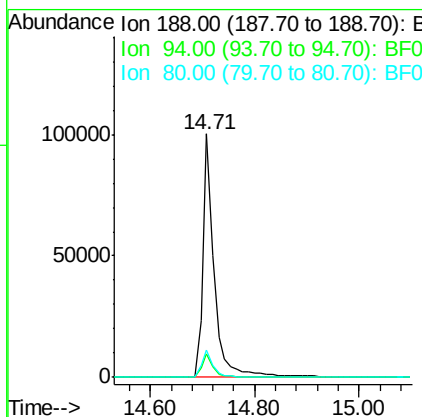
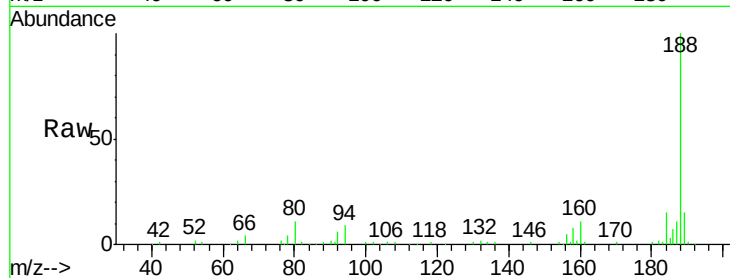
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	152745		
94	9.5		7.0	10.4
80	11.2		7.7	11.5

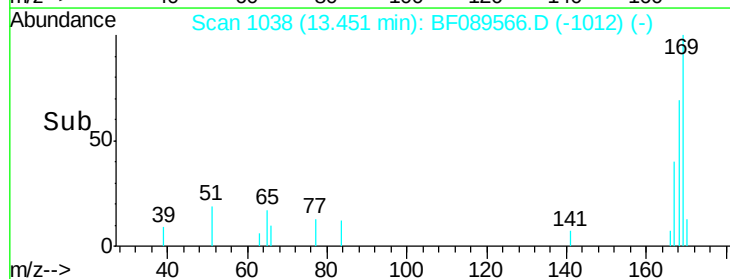
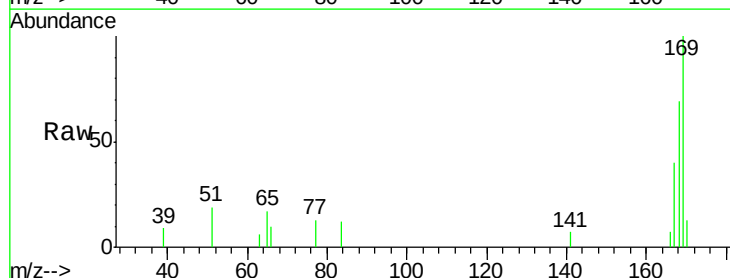
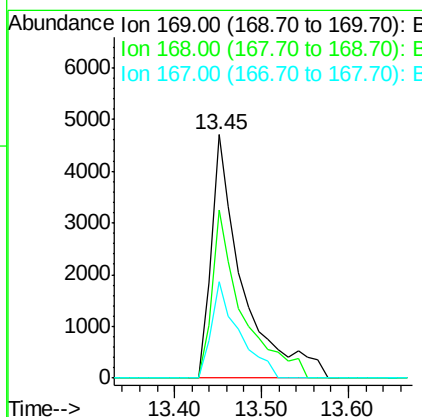
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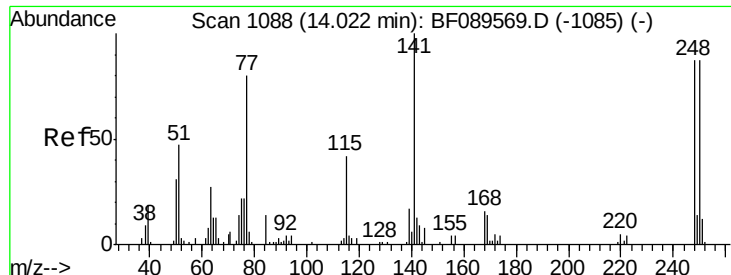
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#65
n-Nitrosodiphenylamine
Concen: 2.26 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	11769		
168	69.3		53.0	79.4
167	39.5		29.1	43.7





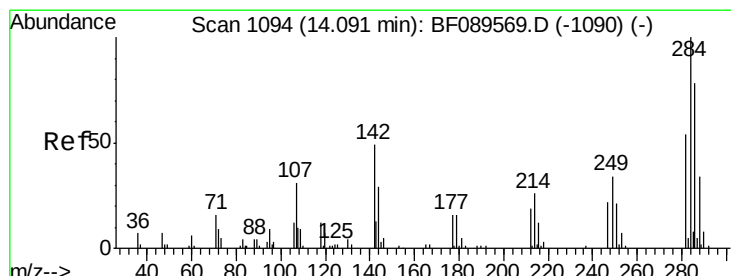
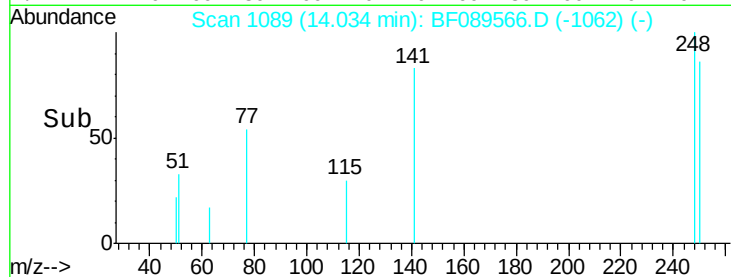
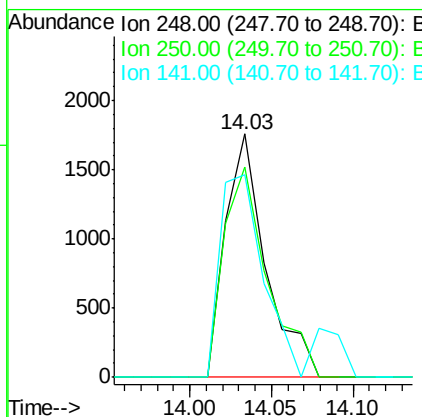
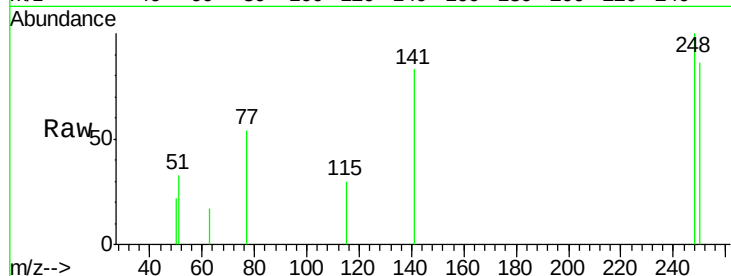
#66
 4-Bromophenyl-phenylether
 Concen: 2.01 ng
 RT: 14.03 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:	248	Resp:	3004
Ion Ratio	Lower	Upper	
248	100		
250	86.2	79.8	119.6
141	83.3	91.5	137.3

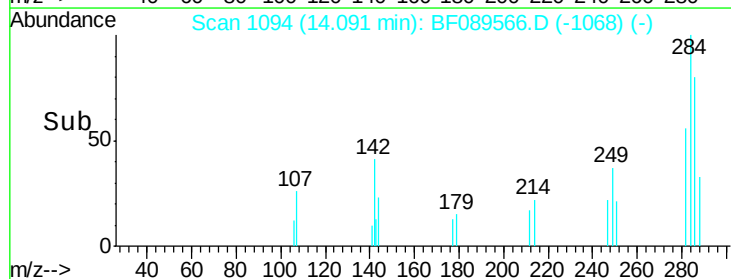
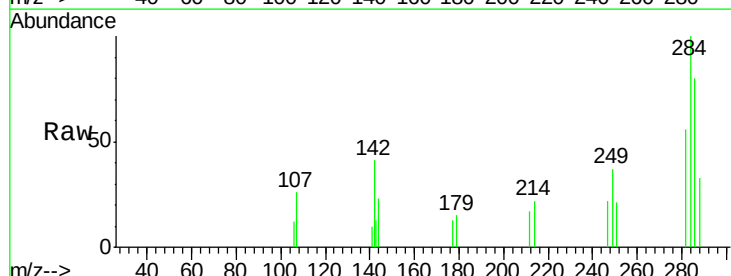
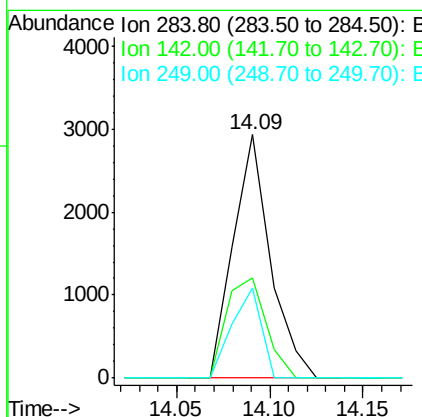
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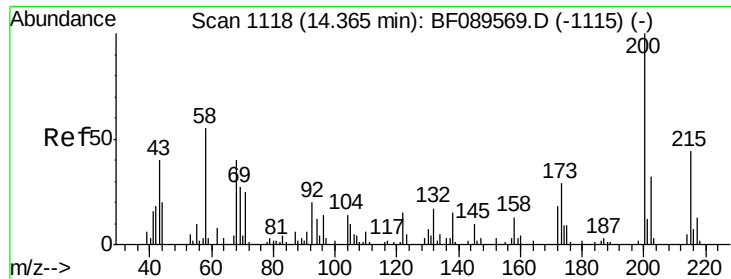
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#67
 Hexachlorobenzene
 Concen: 2.52 ng
 RT: 14.09 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Tgt Ion:	284	Resp:	4069
Ion Ratio	Lower	Upper	
284	100		
142	41.4	40.2	60.4
249	37.1	28.9	43.3





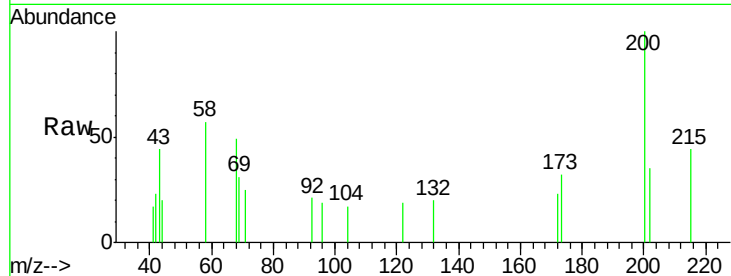
#68
 Atrazine
 Concen: 2.26 ng
 RT: 14.35 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

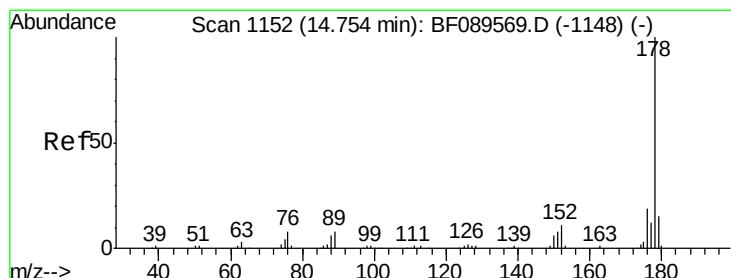
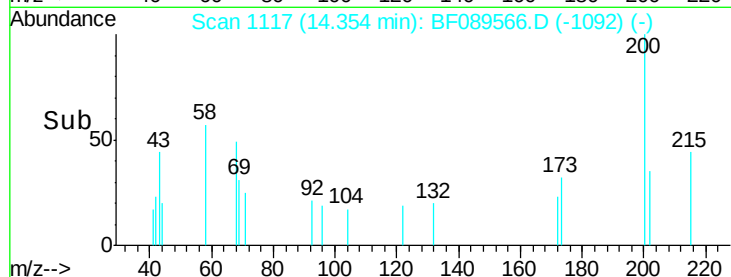
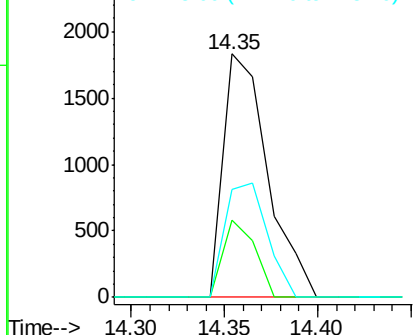
Tot Ion	Ratio	Lower	Upper
200	100		
173	31.8	9.1	49.1
215	44.2	23.6	63.6

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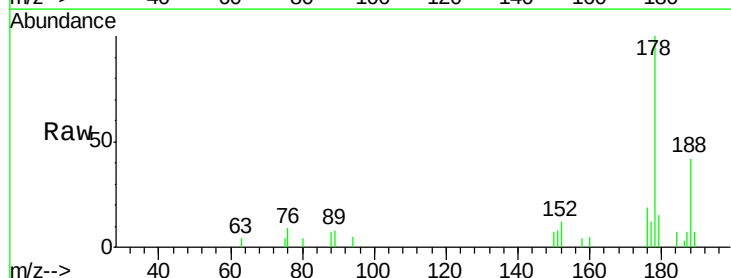


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

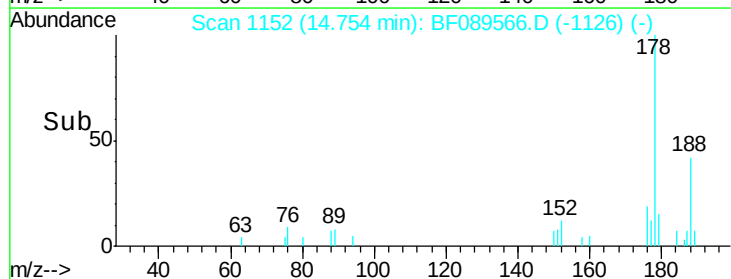
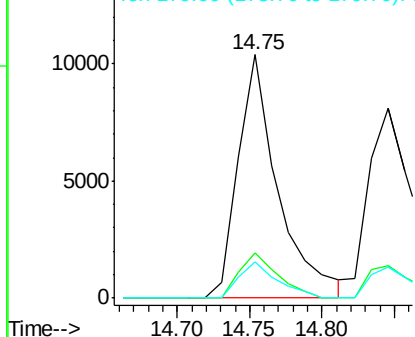


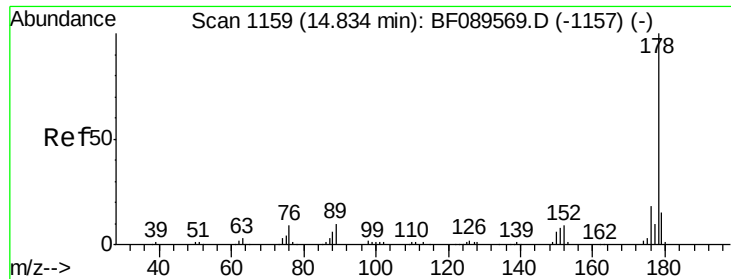
#70
 Phenanthrene
 Concen: 2.44 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	14.7	12.2	18.4



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





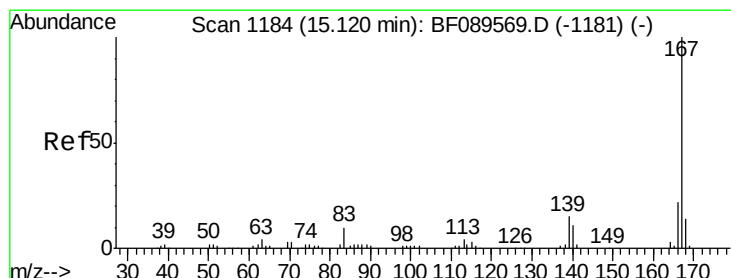
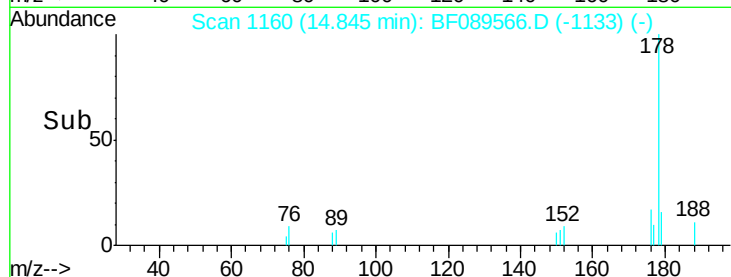
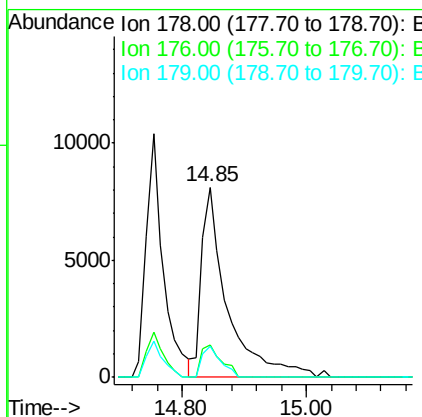
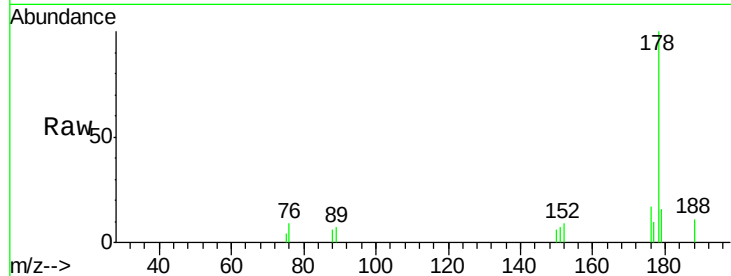
#71
 Anthracene
 Concen: 2.65 ng
 RT: 14.85 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.9	14.7	22.1
179	16.4	12.2	18.2

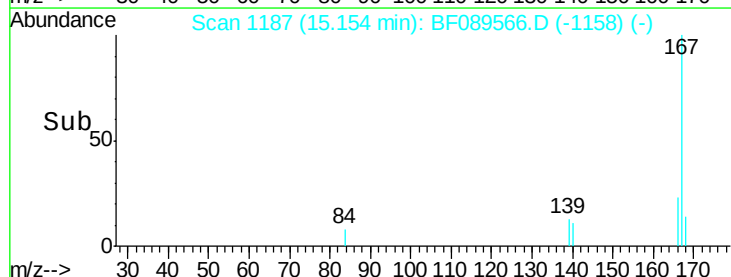
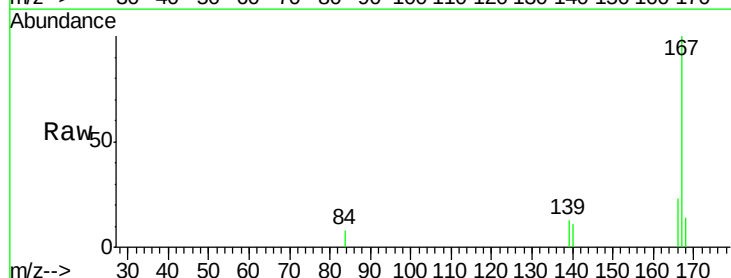
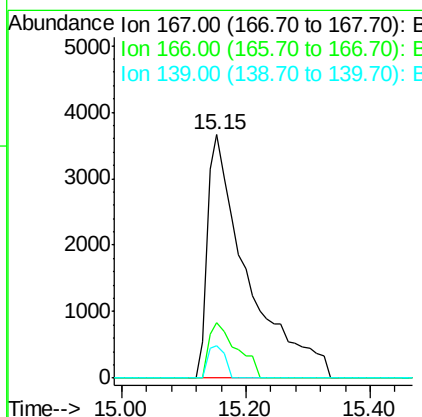
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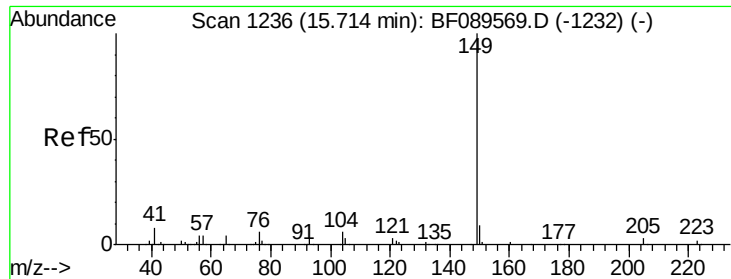
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#72
 Carbazole
 Concen: 2.26 ng
 RT: 15.15 min Scan# 1187
 Delta R.T. 0.03 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.5	26.3
139	13.3	11.8	17.6





#73

Di-n-butylphthalate

Concen: 2.34 ng

RT: 15.71 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF089566.D

Acq: 3 Aug 2016 18:47

Instrument :

BNA_F

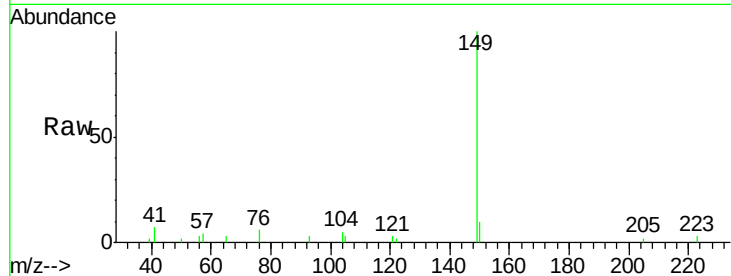
ClientSampleId :

SSTDIC02.5

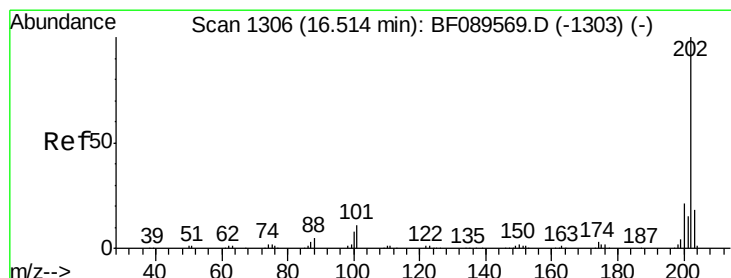
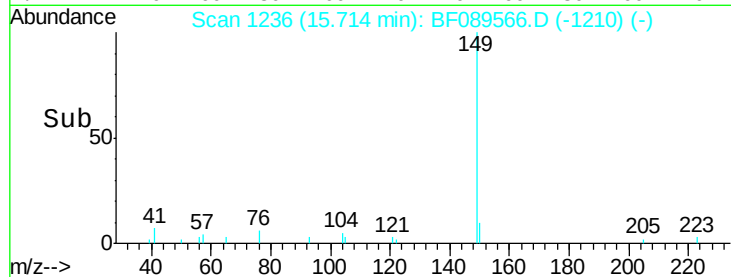
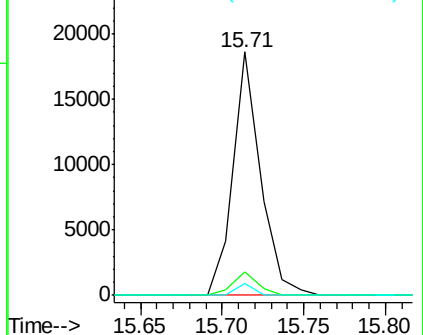
Tot Ion:	149	Resp:	21635
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.4	11.0
104	5.1	4.6	7.0

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



#74

Fluoranthene

Concen: 2.57 ng

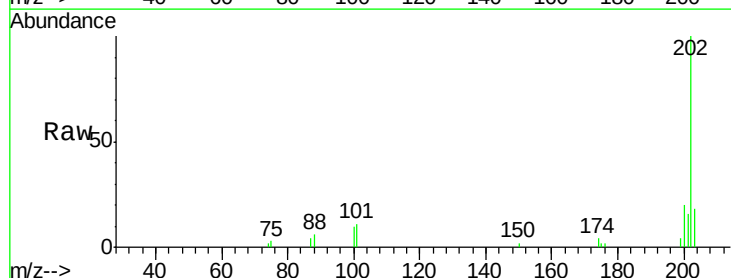
RT: 16.51 min Scan# 1306

Delta R.T. -0.00 min

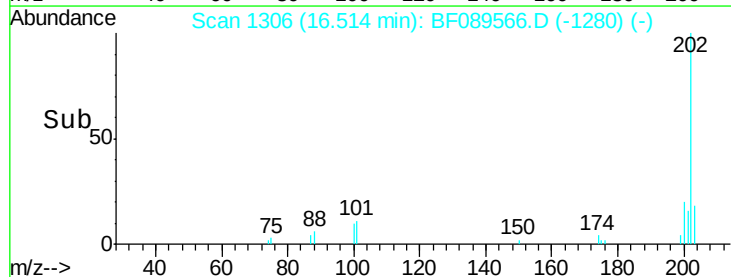
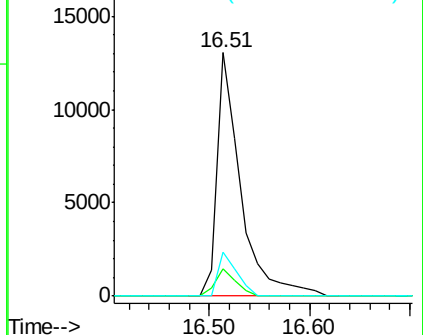
Lab File: BF089566.D

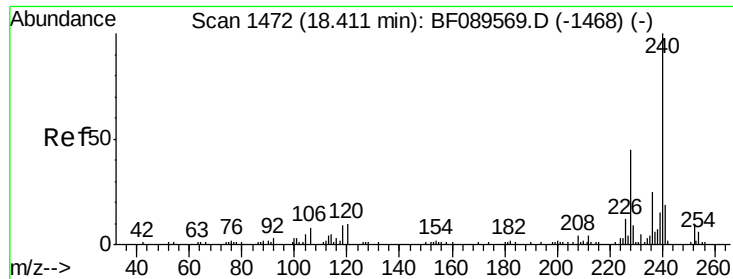
Acq: 3 Aug 2016 18:47

Tgt Ion:	202	Resp:	21262
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.0
203	18.0	0.0	37.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.40 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF089566.D

Acq: 3 Aug 2016 18:47

Instrument :

BNA_F

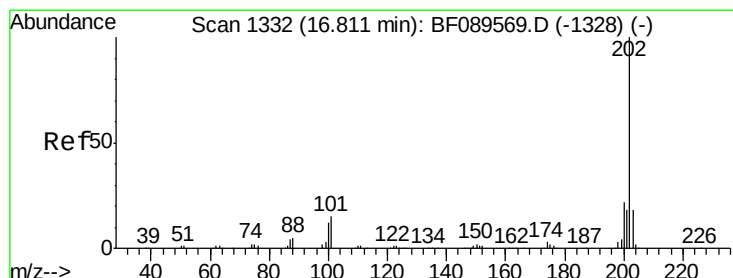
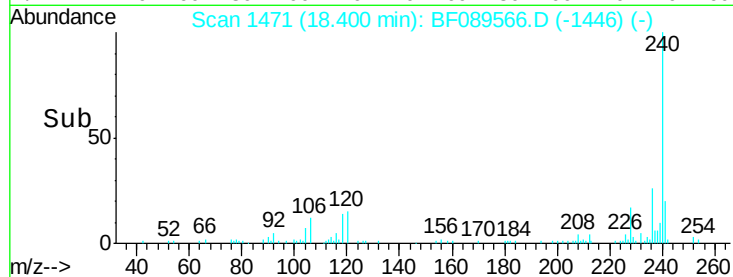
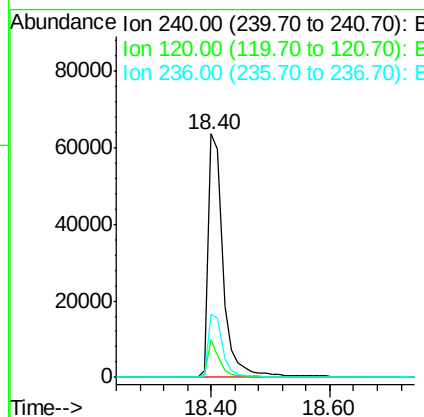
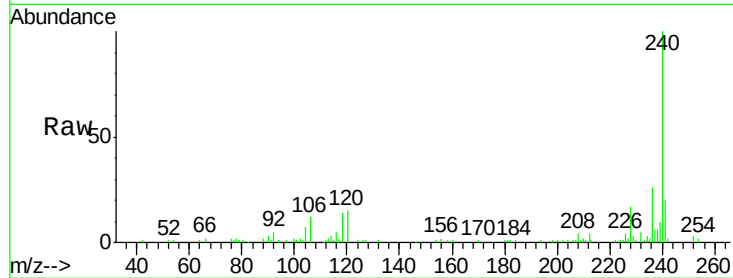
ClientSampleId :

SSTDICC02.5

Tot Ion:	240	Resp:	113251
Ion Ratio	Lower	Upper	
240	100		
120	15.4	8.2	12.2#
236	25.9	20.3	30.5

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#77

Pyrene

Concen: 2.25 ng

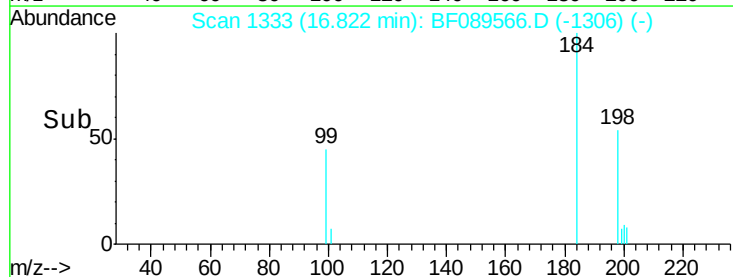
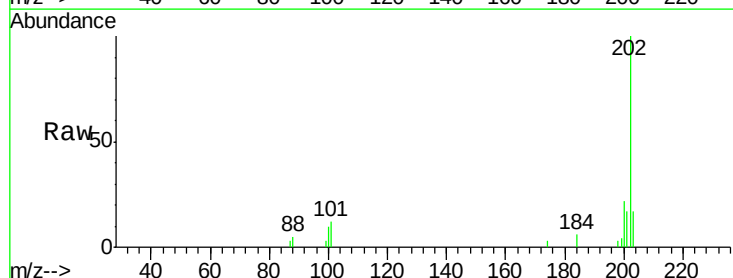
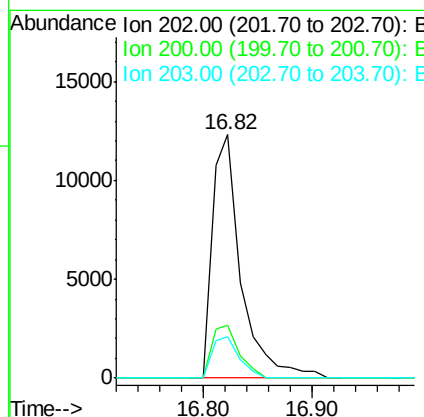
RT: 16.82 min Scan# 1333

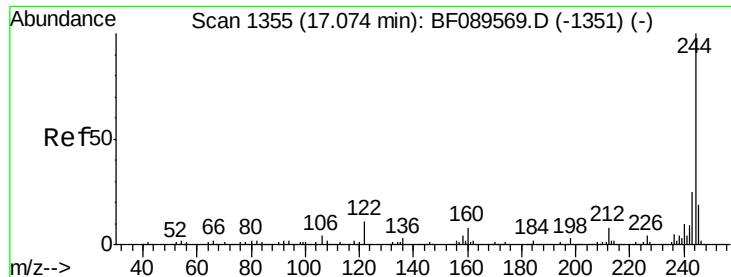
Delta R.T. 0.01 min

Lab File: BF089566.D

Acq: 3 Aug 2016 18:47

Tgt Ion:	202	Resp:	22615
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.2	25.8
203	16.8	14.2	21.2





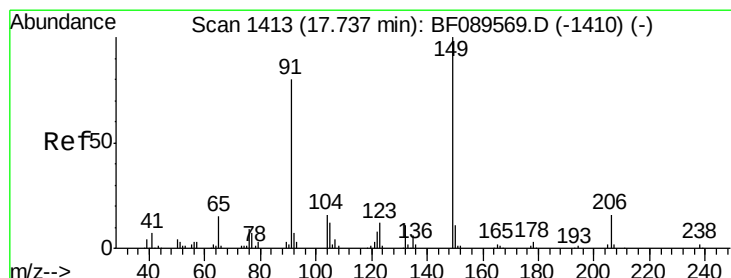
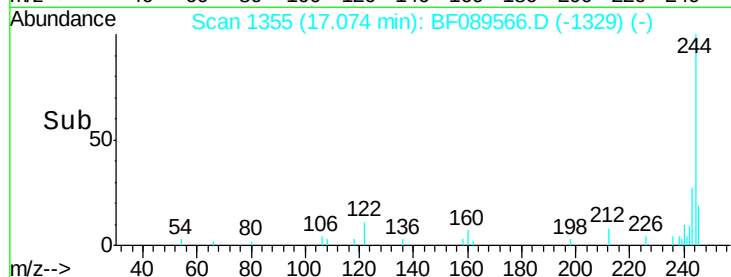
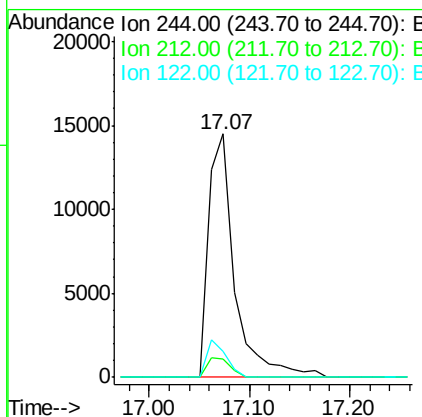
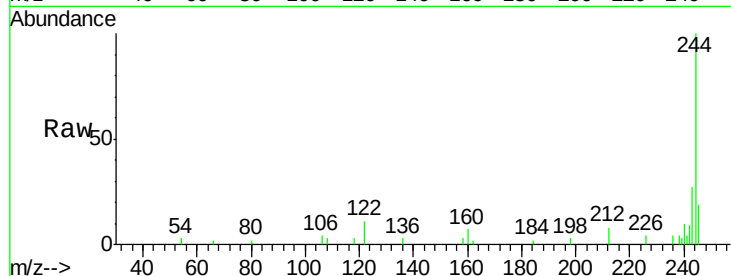
#78
 Terphenyl-d14
 Concen: 4.61 ng
 RT: 17.07 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	10.6	8.5	12.7

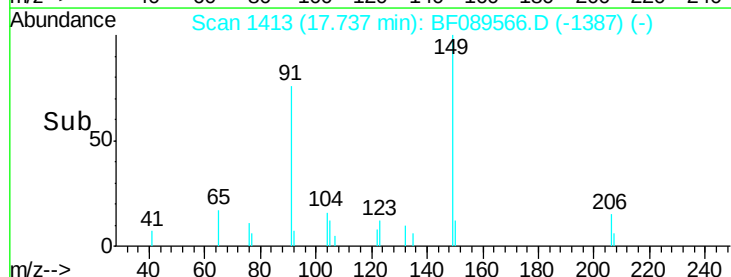
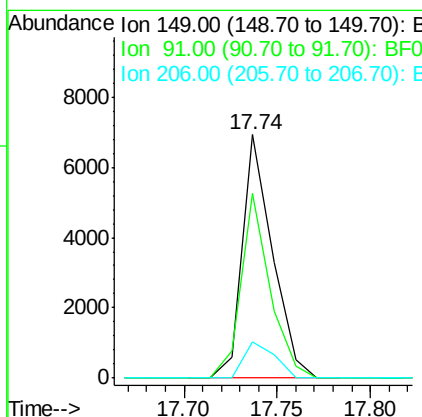
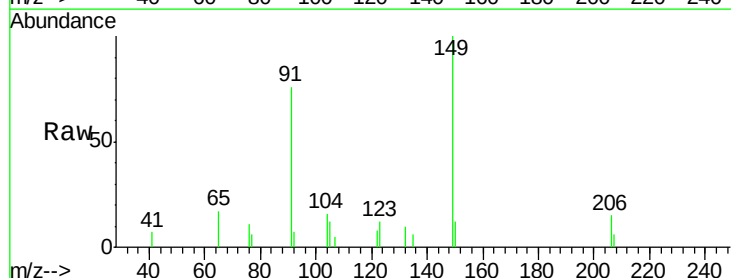
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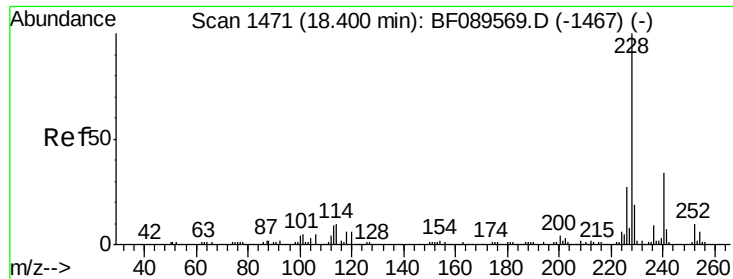
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#79
 Butylbenzylphthalate
 Concen: 2.05 ng
 RT: 17.74 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.1	63.6	95.4
206	14.7	12.8	19.2





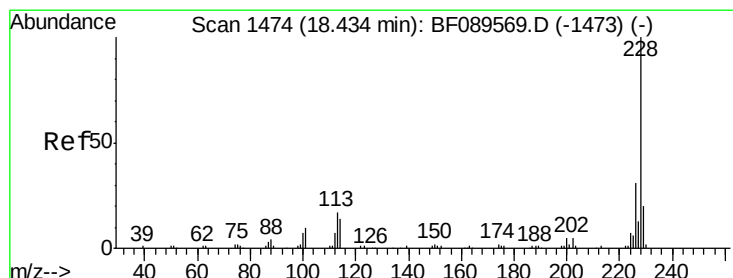
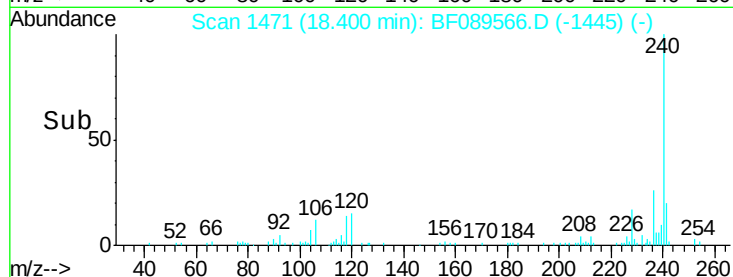
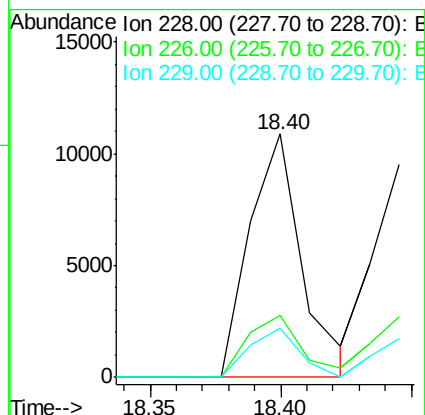
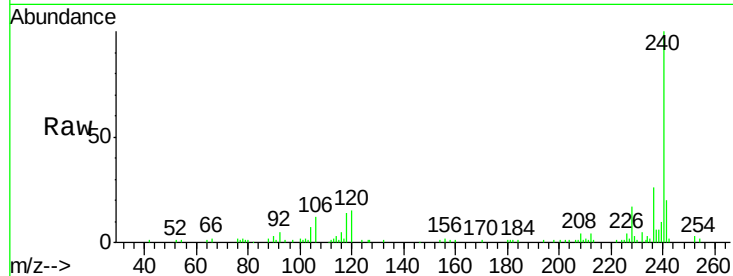
#80
Benzo(a)anthracene
Concen: 2.31 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		15221		
226	25.2		21.5	32.3	
229	20.0		15.1	22.7	

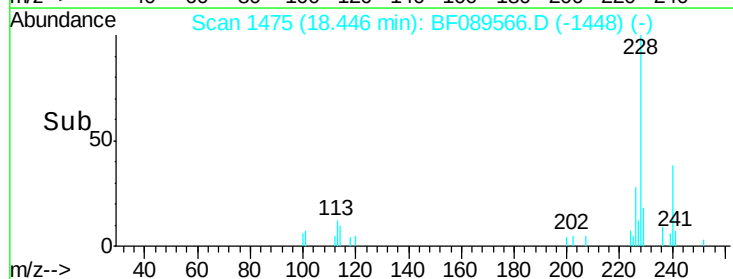
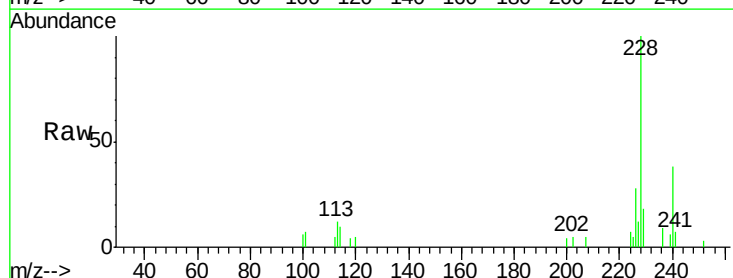
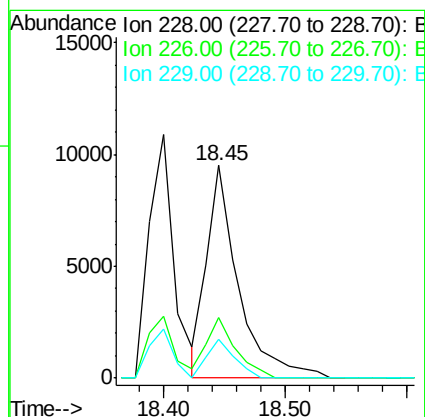
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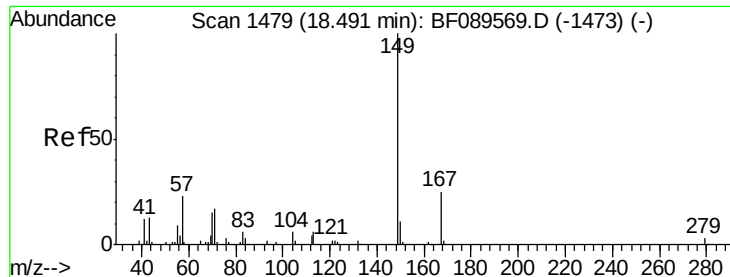
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#82
Chrysene
Concen: 2.59 ng m
RT: 18.45 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		17632		
226	28.4		24.3	36.5	
229	18.3		15.7	23.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.02 ng

RT: 18.49 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF089566.D

Acq: 3 Aug 2016 18:47

Instrument :

BNA_F

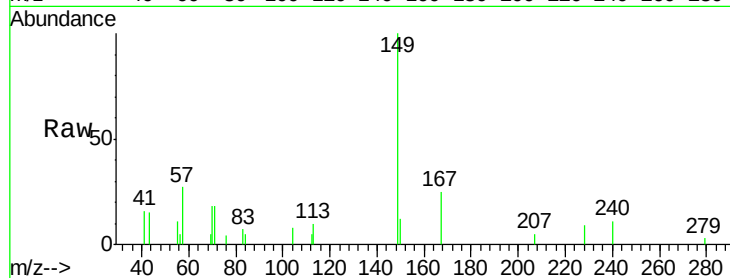
ClientSampleId :

SSTDICC02.5

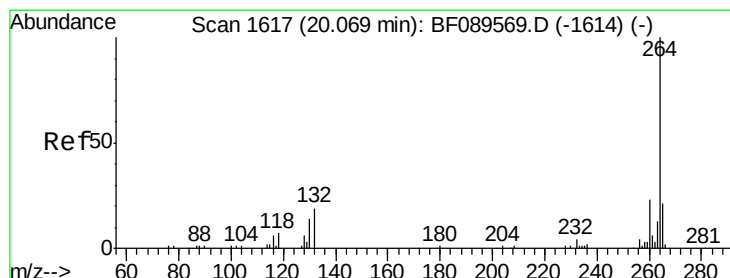
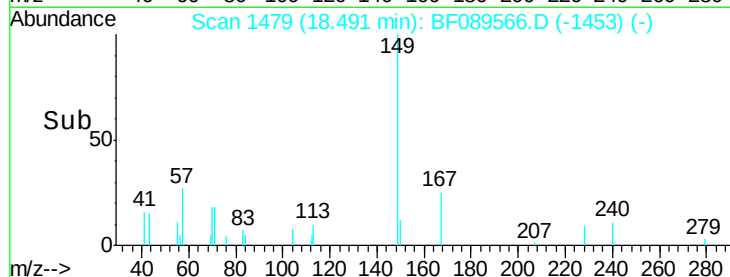
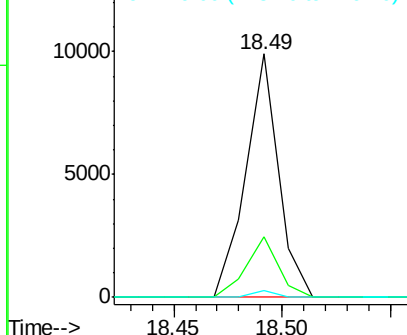
Tot Ion:	149	Resp:	10307
Ion Ratio	Lower	Upper	
149	100		
167	24.8	19.7	29.5
279	3.1	2.3	3.5

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



#86

Perylene-d12

Concen: 20.00 ng

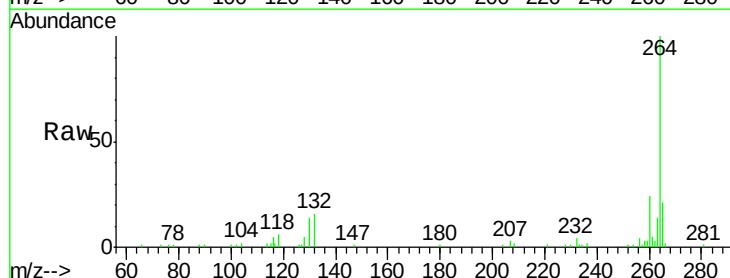
RT: 20.07 min Scan# 1617

Delta R.T. -0.00 min

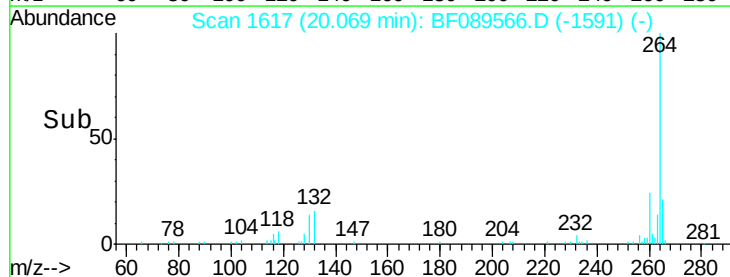
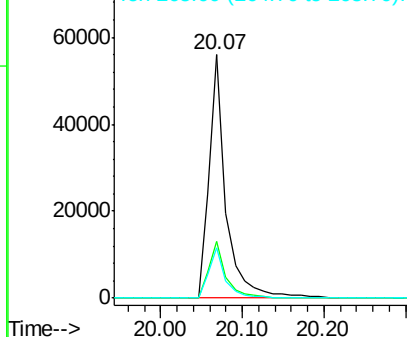
Lab File: BF089566.D

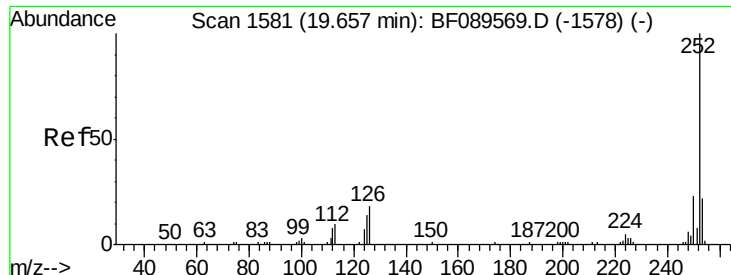
Acq: 3 Aug 2016 18:47

Tgt Ion:	264	Resp:	81285
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.5	27.7
265	20.9	16.6	25.0



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





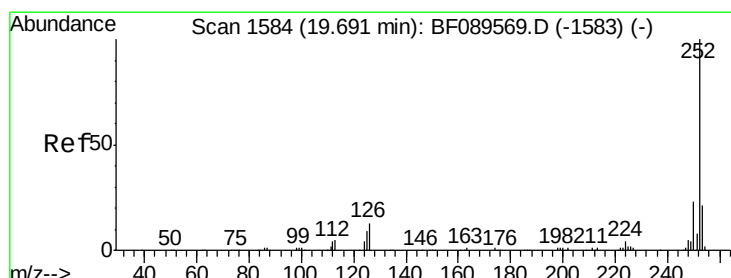
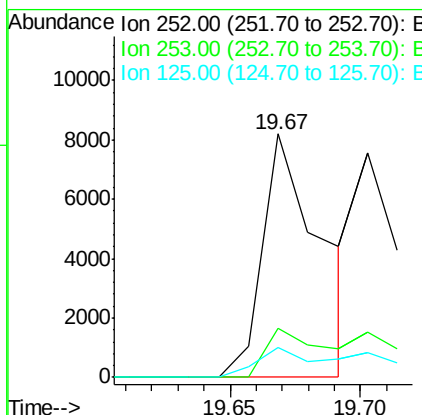
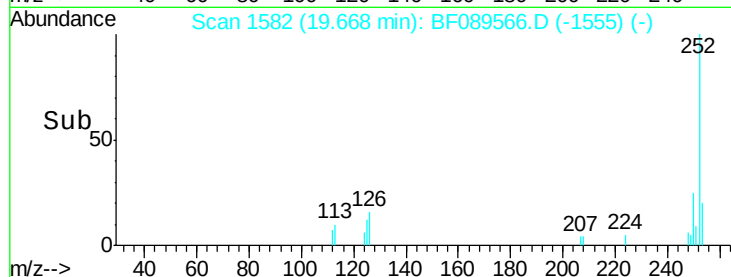
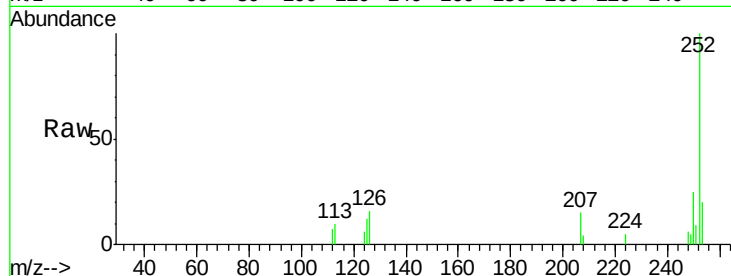
#87
Benzo(b)fluoranthene
Concen: 2.56 ng
RT: 19.67 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.9	17.6	26.4
125	12.4	11.0	16.4

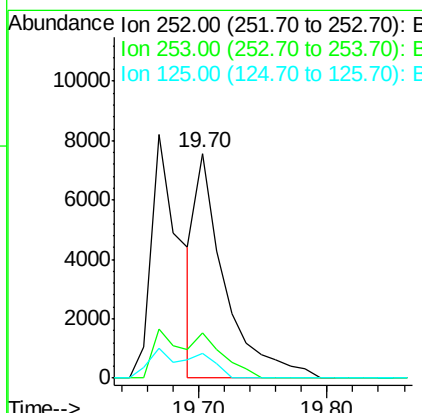
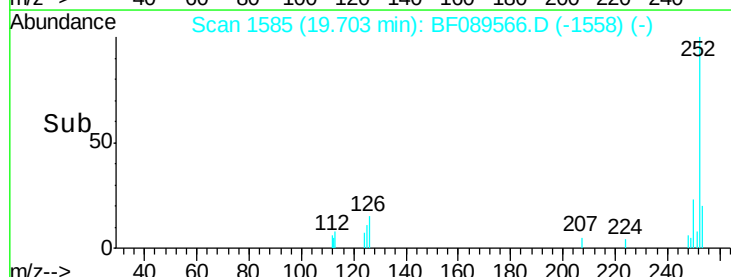
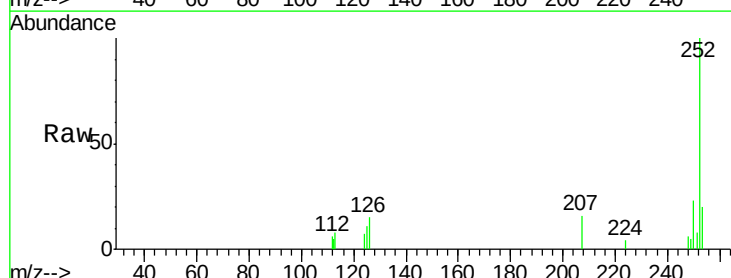
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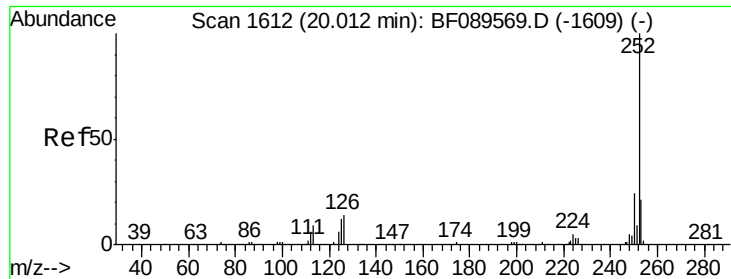
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#88
Benzo(k)fluoranthene
Concen: 2.43 ng m
RT: 19.70 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF089566.D
Acq: 3 Aug 2016 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.2	25.8
125	10.7	9.3	13.9





#89
 Benzo(a)pyrene
 Concen: 2.45 ng
 RT: 20.02 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF089566.D
 Acq: 3 Aug 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:	252	Resp:	11262
Ion Ratio	Lower	Upper	
252	100		
253	21.0	16.6	24.8
125	10.6	9.4	14.0

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