

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089597.D
 Acq On : 4 Aug 2016 19:42
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Manual Integrations
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Quant Time: Aug 05 01:37:23 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 01:22:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	39724	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	180172	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	86158	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	163877	20.00	ng	-0.01
75) Chrysene-d12	18.38	240	109444	20.00	ng	-0.01
86) Perylene-d12	20.05	264	81292	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	7.00	99	14708	4.61	ng	0.02
23) Nitrobenzene-d5	8.38	82	13818	4.26	ng	0.01
41) 2,4,6-Tribromophenol	13.59	330	2658	3.74	ng	0.00
44) 2-Fluorobiphenyl	11.24	172	35660	5.45	ng	-0.01
78) Terphenyl-d14	17.05	244	28489	5.17	ng	0.00

Target Compounds

						Qvalue
8) 2-Chlorophenol	7.13	128	6111	2.13	ng	92
10) Phenol	7.04	94	6925	2.13	ng	# 60
11) bis(2-Chloroethyl)ether	7.10	93	6940m	2.42	ng	
12) 1,3-Dichlorobenzene	7.36	146	7920	2.55	ng	96
13) 1,4-Dichlorobenzene	7.48	146	8365	2.67	ng	93
14) 1,2-Dichlorobenzene	7.70	146	8915	2.72	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.93	45	9758	2.72	ng	# 59
17) 2-Methylphenol	7.98	107	5068	2.45	ng	97
18) Hexachloroethane	8.22	117	3674	2.77	ng	94
19) n-Nitroso-di-n-propylamine	8.15	70	5139	2.24	ng	95
20) 3+4-Methylphenols	8.26	107	5615	2.12	ng	# 67
22) Acetophenone	8.16	105	9535m	2.26	ng	
25) Isophorone	8.78	82	16257	2.63	ng	96
28) bis(2-Chloroethoxy)methane	9.18	93	7829	2.12	ng	# 93
30) 1,2,4-Trichlorobenzene	9.40	180	6708	2.46	ng	95
31) Naphthalene	9.51	128	25389	2.68	ng	99
34) Hexachlorobutadiene	9.72	225	4446	2.86	ng	93
37) 2-Methylnaphthalene	10.64	142	15445	2.63	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	7714	2.41	ng	94
42) 2,4,6-Trichlorophenol	11.14	196	3270	2.07	ng	92
45) 1,1'-Biphenyl	11.40	154	18693	2.43	ng	99
46) 2-Chloronaphthalene	11.42	162	14574	2.54	ng	96
48) Acenaphthylene	12.07	152	24927	2.62	ng	98
49) Dimethylphthalate	11.94	163	17155	2.56	ng	98
51) Acenaphthene	12.34	154	14448	2.62	ng	99
54) Dibenzofuran	12.64	168	19038	2.52	ng	98
57) Fluorene	13.19	166	16384	2.53	ng	98
59) Diethylphthalate	13.09	149	18115	2.61	ng	97
60) 4-Chlorophenyl-phenylether	13.22	204	6896	2.33	ng	96
62) Azobenzene	13.47	77	15642	2.30	ng	93
65) n-Nitrosodiphenylamine	13.43	169	13140	2.38	ng	96
67) Hexachlorobenzene	14.07	284	4520	2.61	ng	92
70) Phenanthrene	14.73	178	23008	2.60	ng	97
71) Anthracene	14.82	178	26214	2.77	ng	98

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 ClientSampleId :
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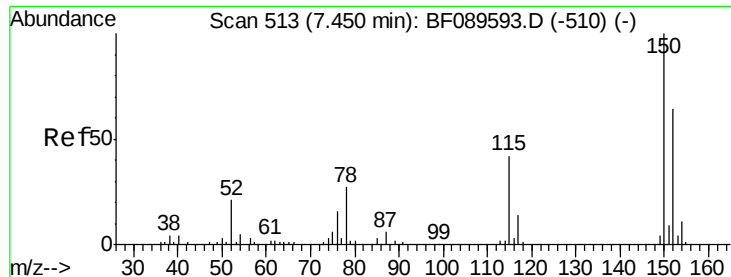
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Quant Time: Aug 05 01:37:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:22:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Carbazole	15.13	167	17781m	2.25	nq	
73) Di-n-butylphthalate	15.69	149	26359	2.45	nq	99
74) Fluoranthene	16.49	202	23225	2.55	nq	97
77) Pyrene	16.80	202	24509	2.55	nq	98
79) Butylbenzylphthalate	17.71	149	8668	2.11	nq	# 78
80) Benzo(a)anthracene	18.38	228	15418	2.45	nq	97
82) Chrysene	18.42	228	17542	2.70	nq	98
83) Bis(2-ethylhexyl)phthalate	18.47	149	13294	2.34	nq	# 99
84) Di-n-octyl phthalate	19.23	149	17116	2.08	nq	# 96
85) Indeno(1,2,3-cd)pyrene	21.25	276	12166	2.45	nq	94
87) Benzo(b)fluoranthene	19.65	252	12406	2.18	nq	97
88) Benzo(k)fluoranthene	19.68	252	12512m	2.43	nq	
89) Benzo(a)pyrene	20.00	252	12310	2.66	nq	96
90) Dibenzo(a,h)anthracene	21.26	278	10341	2.38	nq	96
91) Benzo(a,h,i)perylene	21.58	276	10592	2.38	nq	99

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



#1

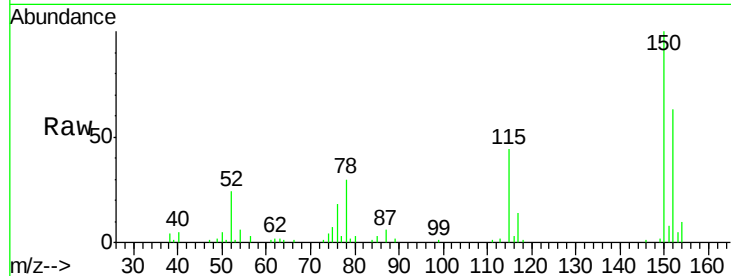
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
150	157.7	125.5	188.3	
115	69.1	52.0	78.0	

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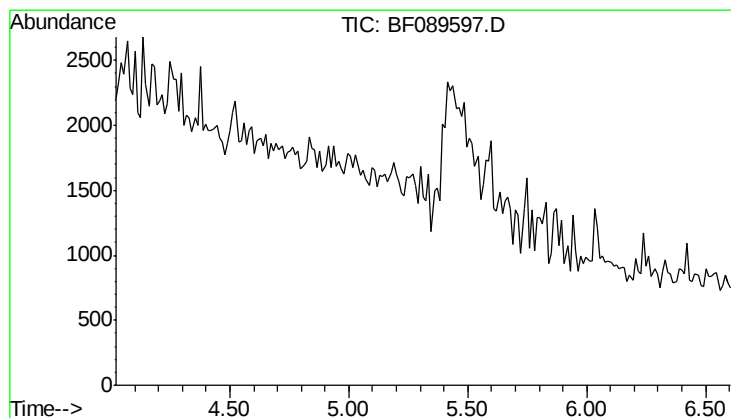
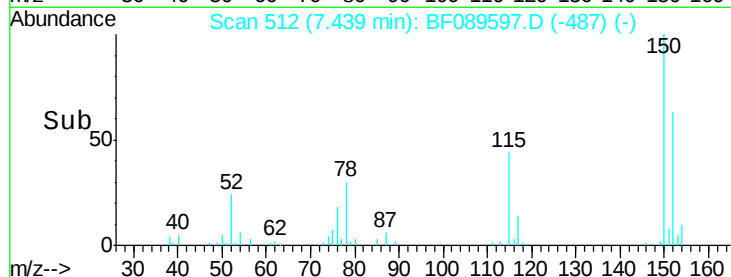
Abundance

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

Time-->

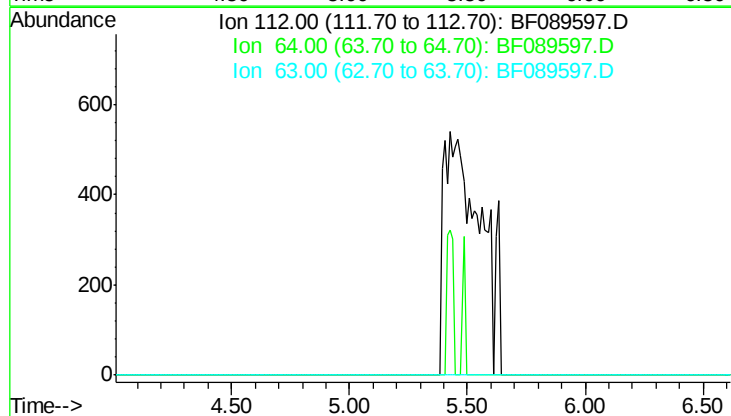


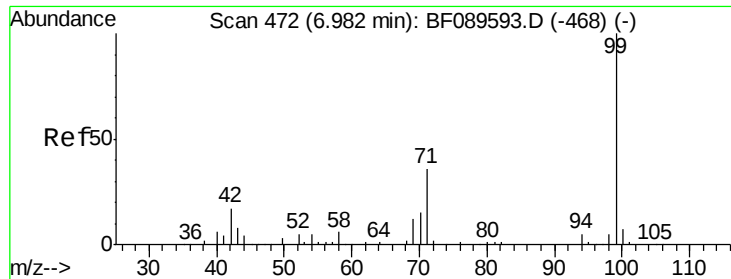
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.31 min

Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	Sig	Exp Ratio
112	100	
64	62.4	
63	32.6	





#7

Phenol-d6

Concen: 4.61 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.02 min

Lab File: BF089597.D

Acq: 4 Aug 2016 19:42

Instrument :

BNA_F

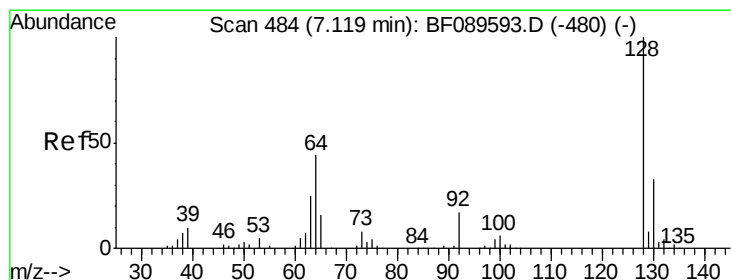
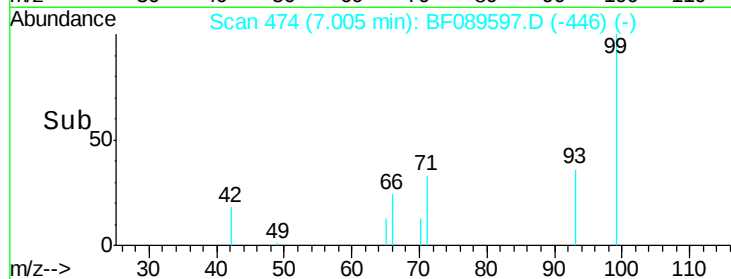
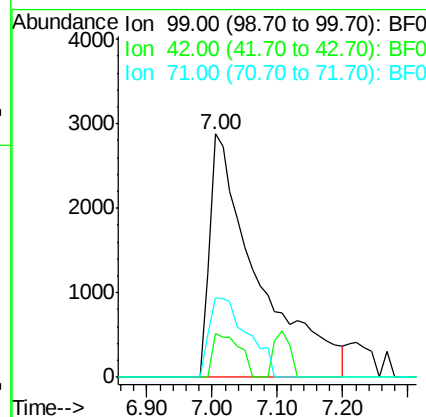
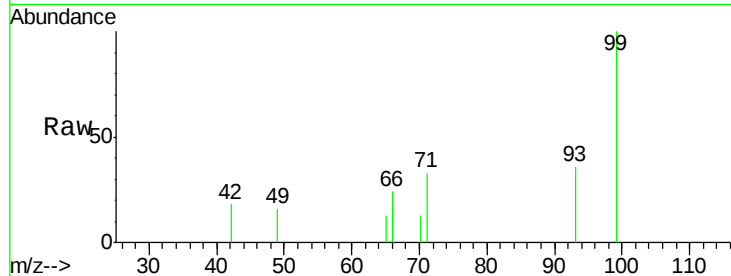
ClientSampleId :

SSTDIC02.5

Tot Ion:	99	Resp:	14708
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.7	20.5
71	32.6	29.0	43.4

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#8

2-Chlorophenol

Concen: 2.13 ng

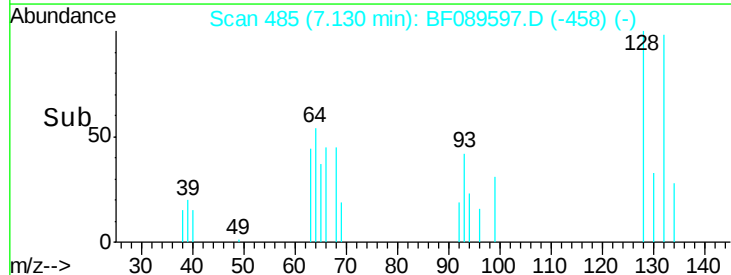
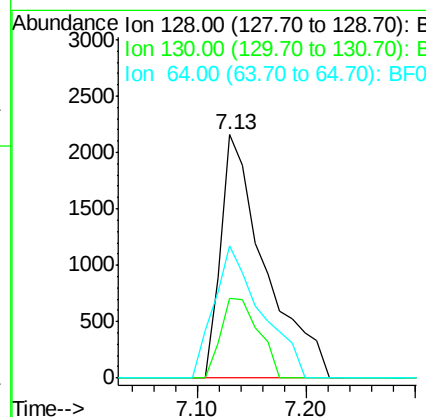
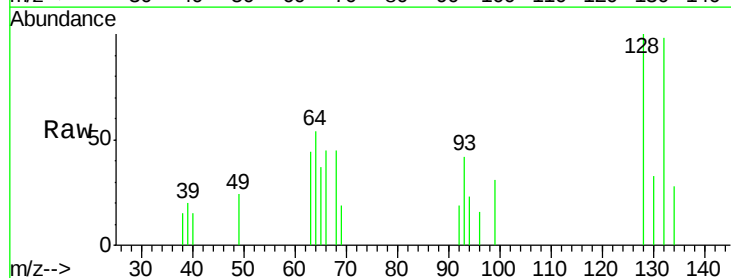
RT: 7.13 min Scan# 485

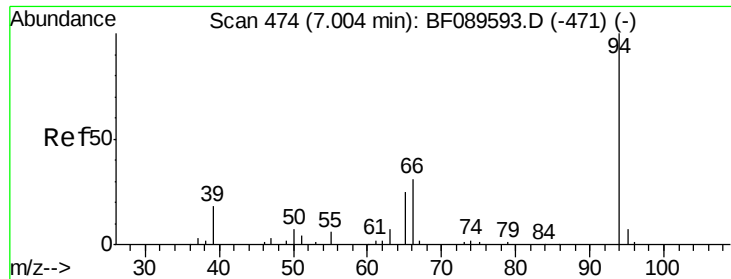
Delta R.T. 0.01 min

Lab File: BF089597.D

Acq: 4 Aug 2016 19:42

Tgt Ion:	128	Resp:	6111
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	54.3	25.3	65.3





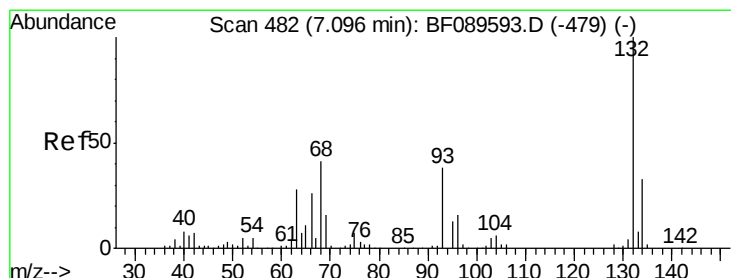
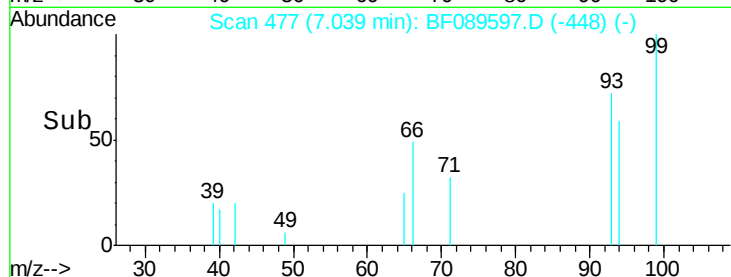
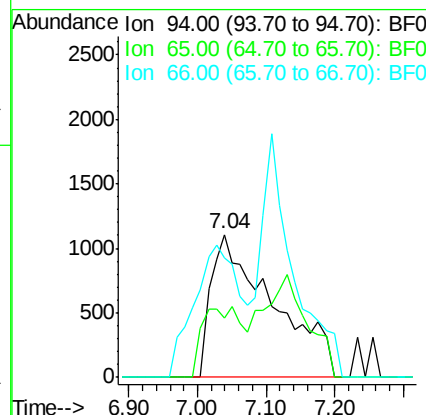
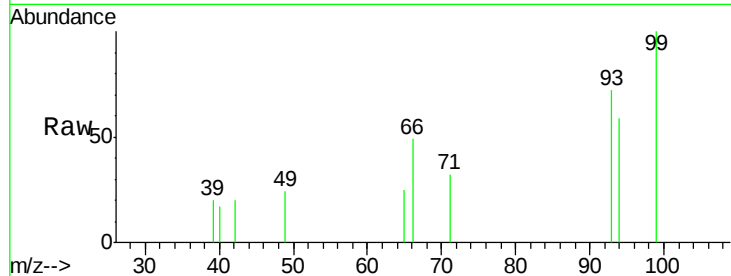
#10
Phenol
Concen: 2.13 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.03 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	Ion	Ratio	Lower	Upper
94	100			
65	41.9	11.0	51.0	
66	83.5	27.4	67.4	

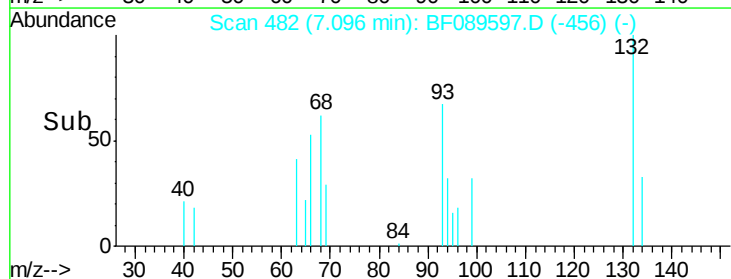
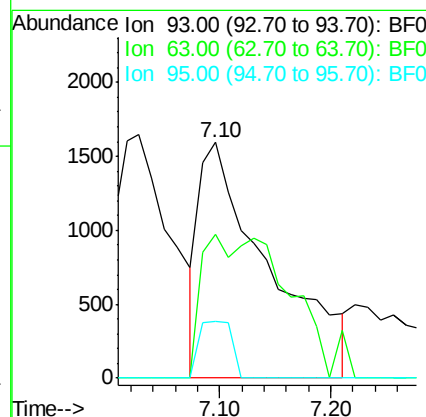
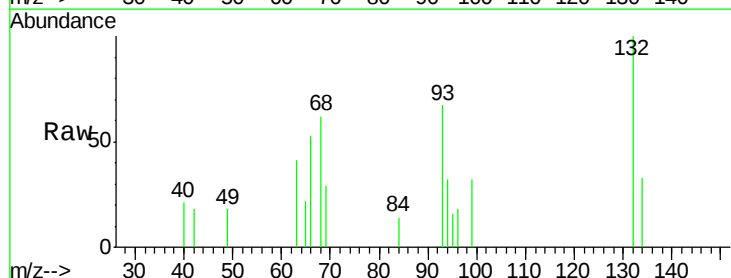
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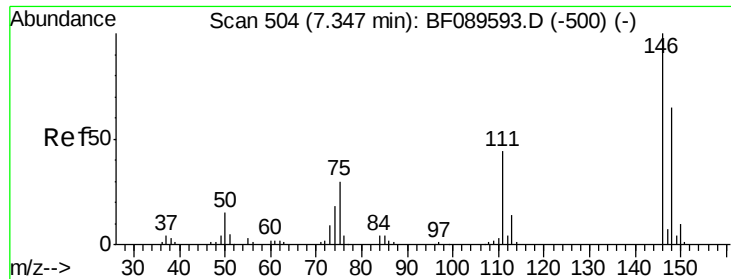
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#11
bis(2-Chloroethyl)ether
Concen: 2.42 ng m
RT: 7.10 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
63	61.2	52.2	92.2	
95	24.2	13.1	53.1	





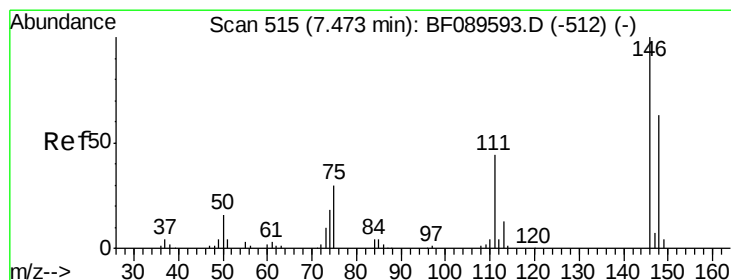
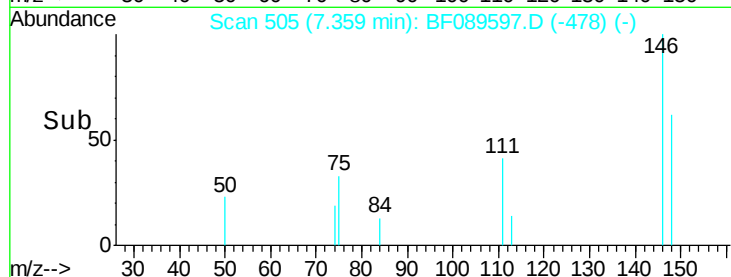
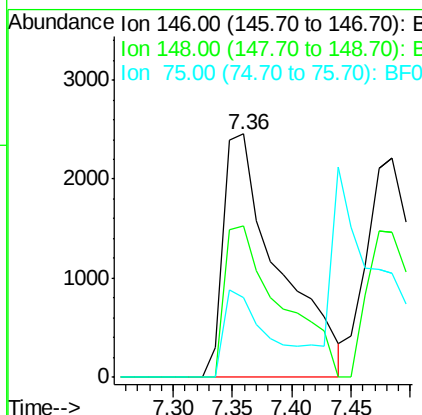
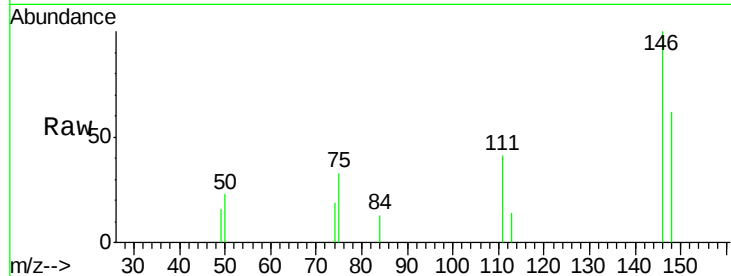
#12
 1,3-Dichlorobenzene
 Concen: 2.55 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.1	78.1
75	32.8	24.1	36.1

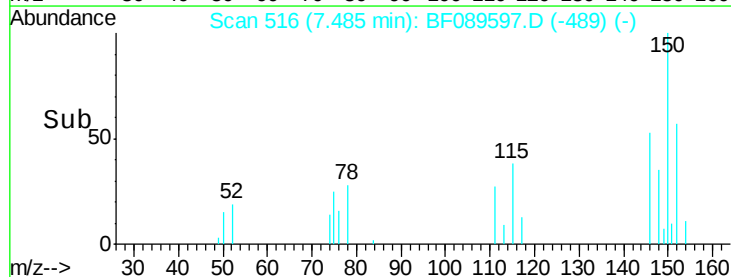
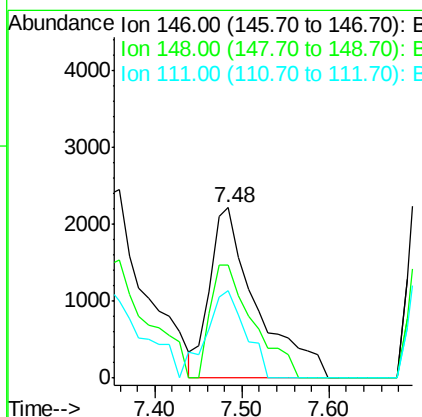
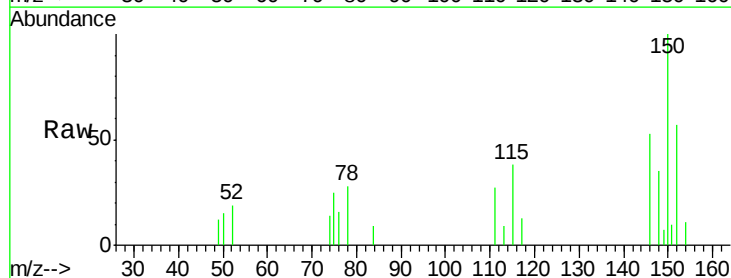
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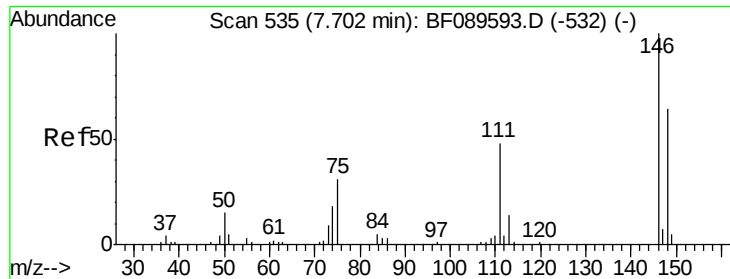
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#13
 1,4-Dichlorobenzene
 Concen: 2.67 ng
 RT: 7.48 min Scan# 516
 Delta R.T. 0.01 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.4	75.6
111	51.3	35.0	52.4





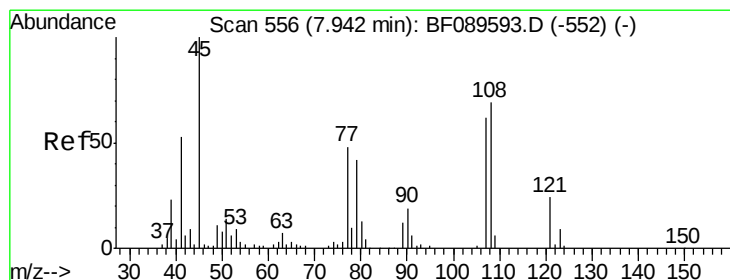
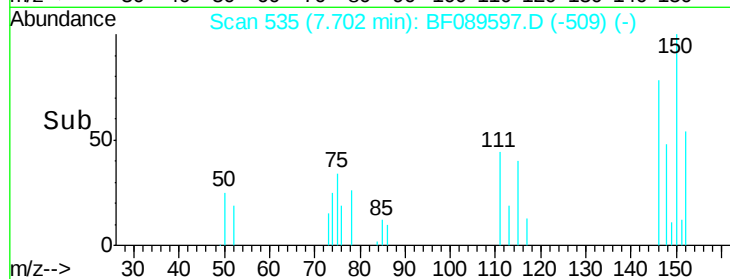
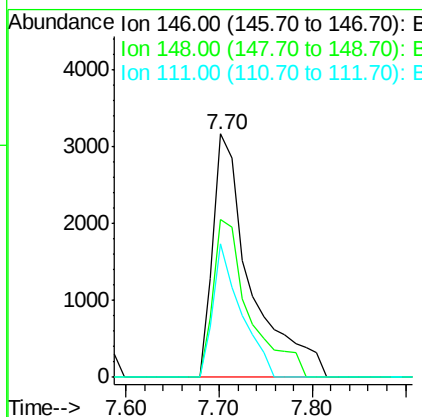
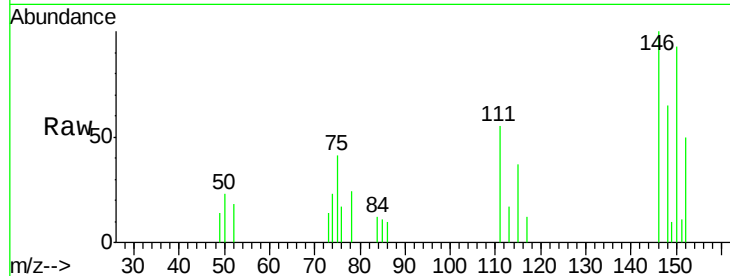
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 1,2-Dichlorobenzene
 Concen: 2.72 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
111	54.9	38.5	57.7

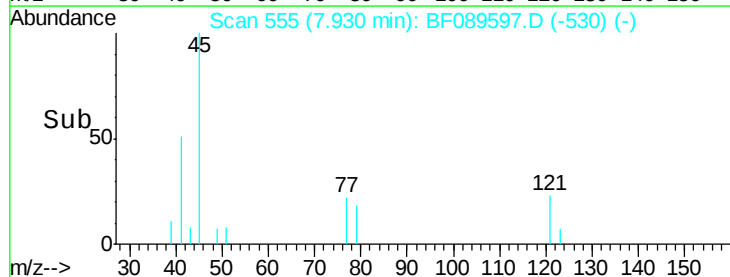
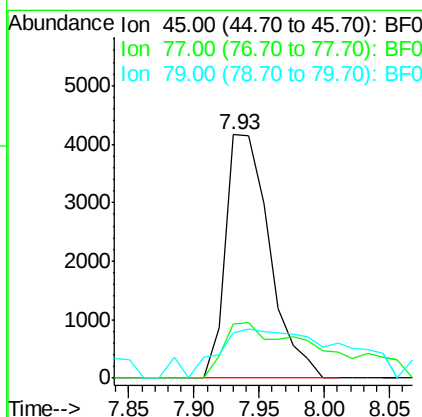
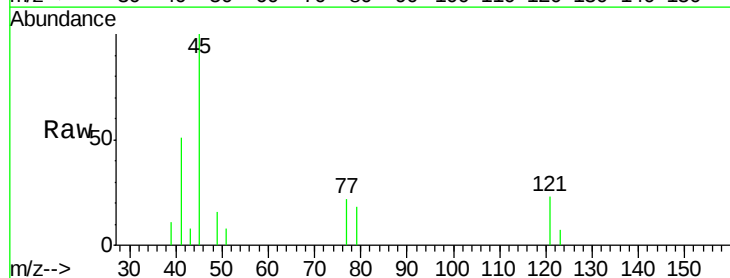
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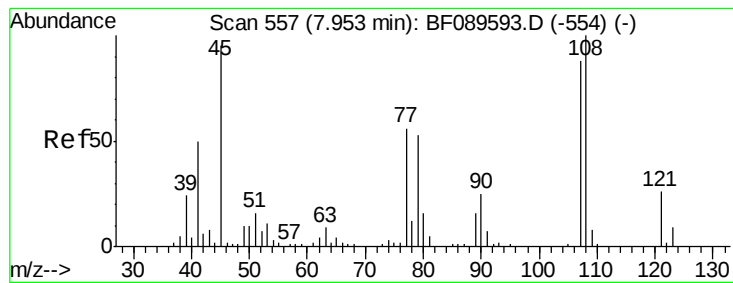
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#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 2.72 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.2	30.1	70.1#
79	18.4	25.5	65.5#





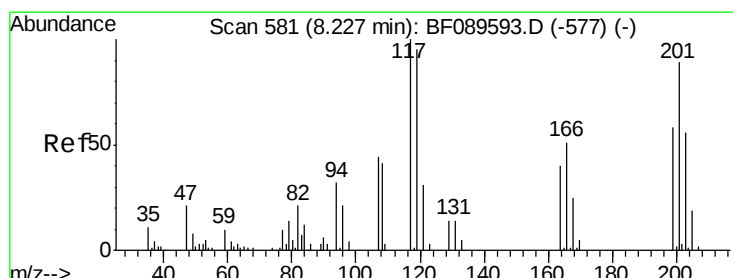
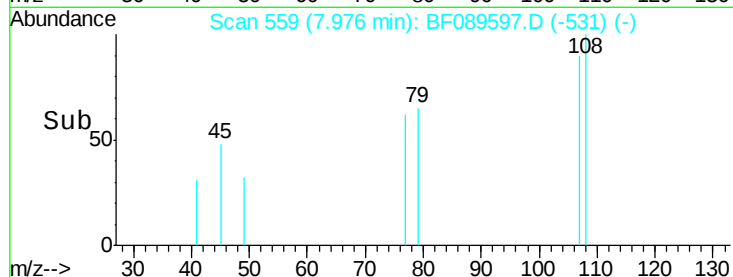
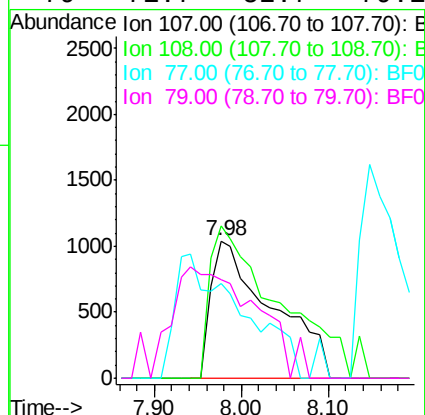
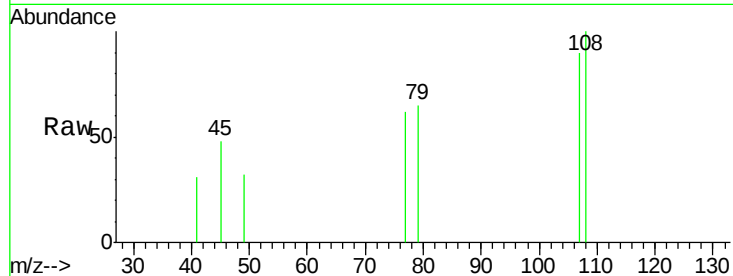
#17
2-Methylphenol
Concen: 2.45 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	5068		
108	110.7	91.2	136.8		
77	68.6	54.6	82.0		
79	71.7	52.7	79.1		

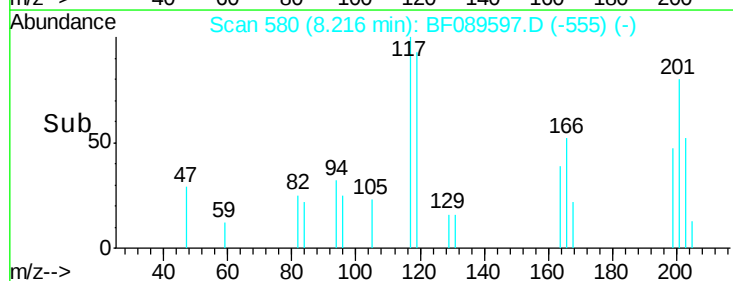
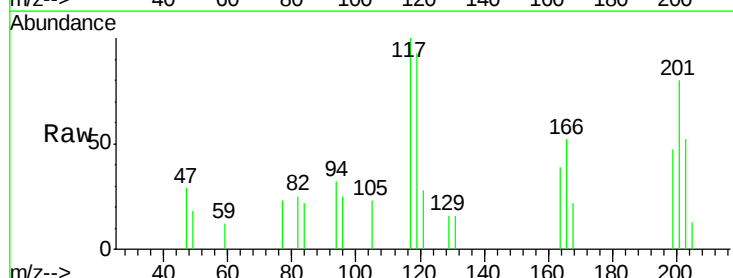
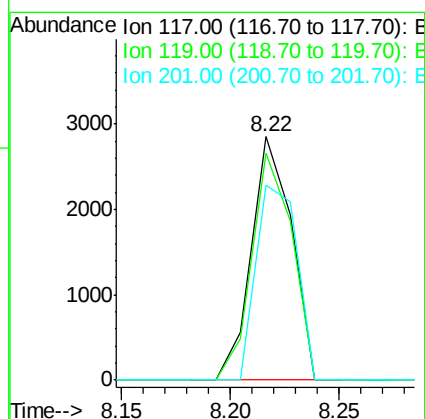
Manual Integrations
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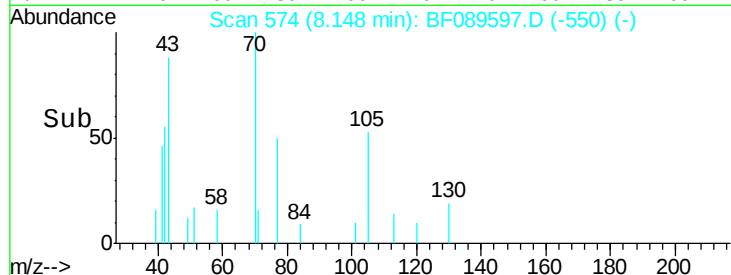
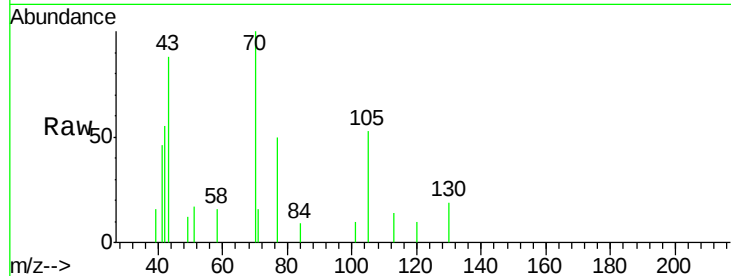
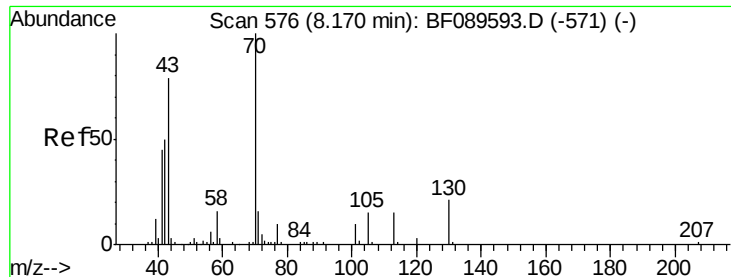
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#18
Hexachloroethane
Concen: 2.77 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	3674		
119	93.0	75.7	113.5		
201	79.9	71.6	107.4		





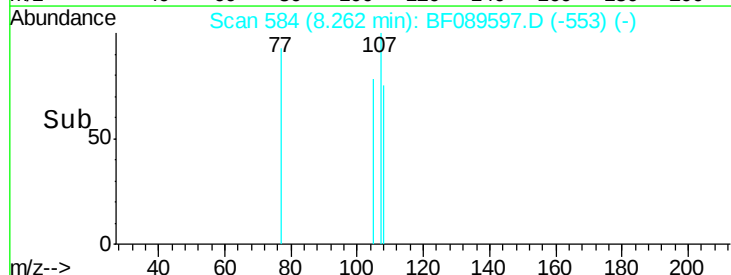
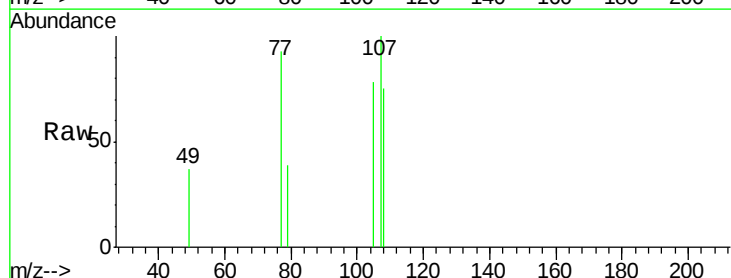
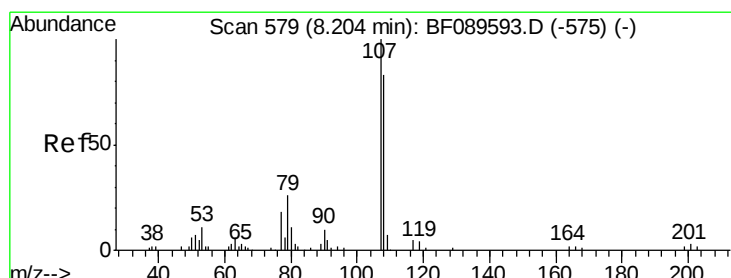
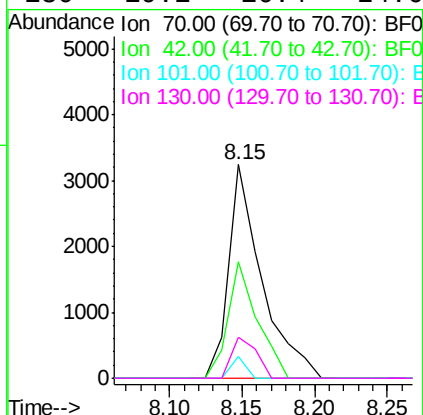
#19
n-Nitroso-di-n-propylamine
Concen: 2.24 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.7	40.2	60.2	
101	10.0	7.8	11.6	
130	19.1	16.4	24.6	

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

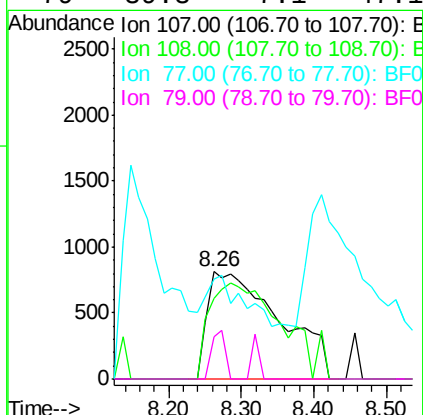
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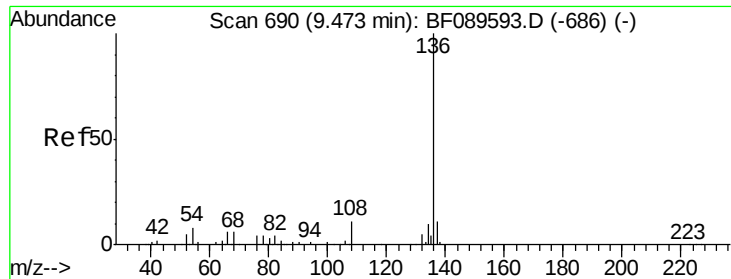
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#20
3+4-Methylphenols
Concen: 2.12 ng
RT: 8.26 min Scan# 584
Delta R.T. 0.06 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	74.8	63.8	103.8	
77	92.7	19.5	59.5	
79	39.3	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: BF089597.D

Acq: 4 Aug 2016 19:42

Instrument :

BNA_F

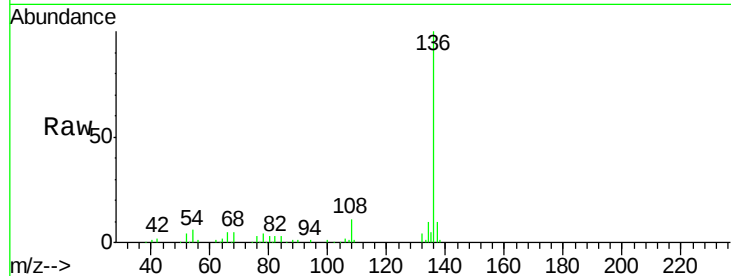
ClientSampleId :

SSTDICC02.5

Tot Ion	Ratio	Resp	Lower	Upper
136	100	180172		
137	10.5		8.6	12.8
54	6.4		6.0	9.0
68	5.2		4.6	6.8

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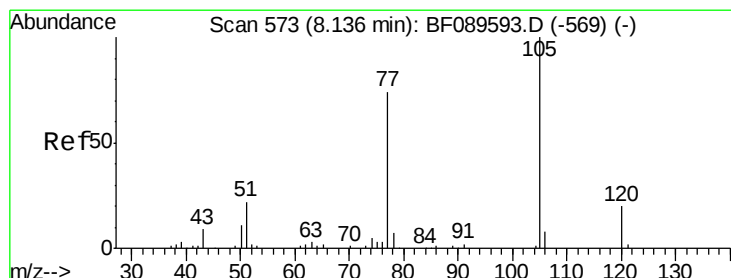
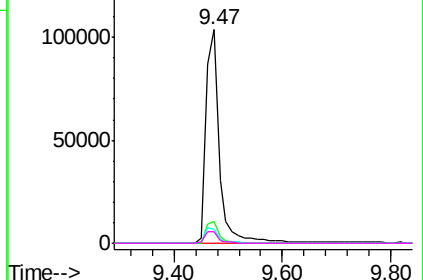
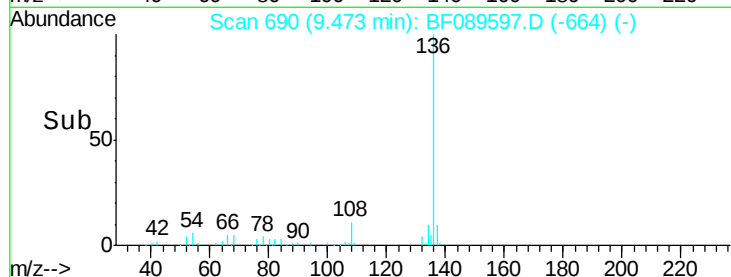


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 2.26 ng m

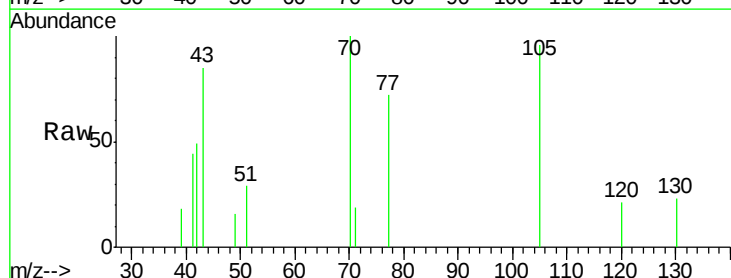
RT: 8.16 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF089597.D

Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	9535		
71	19.8		0.0	0.0#
51	30.4		18.2	27.2#
120	22.4		15.7	23.5

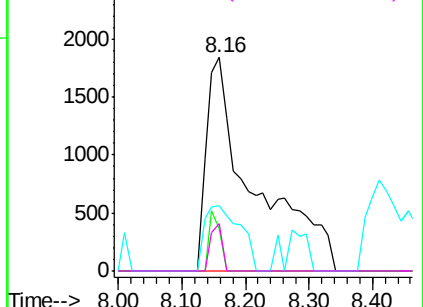
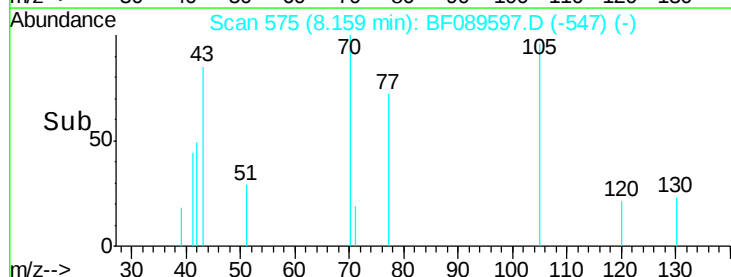


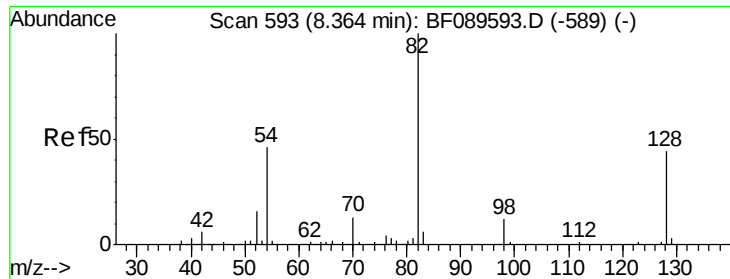
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





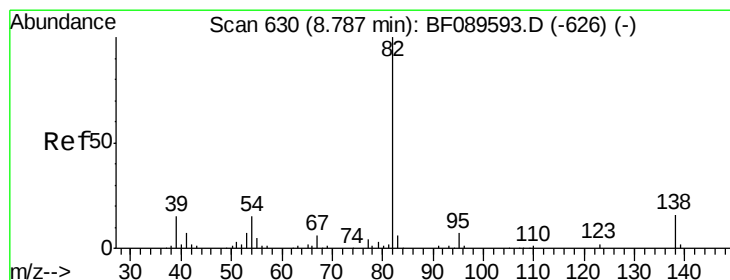
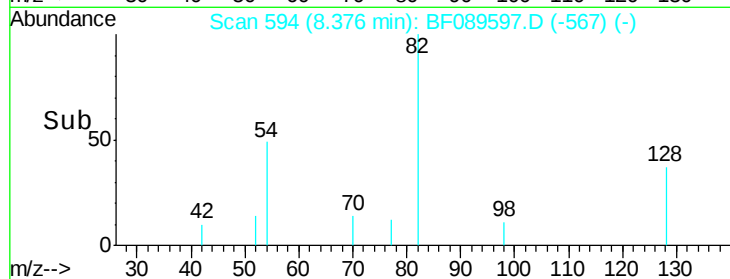
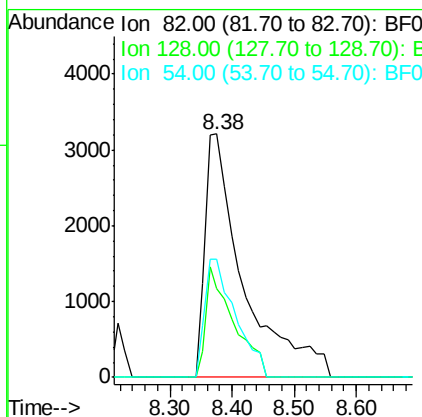
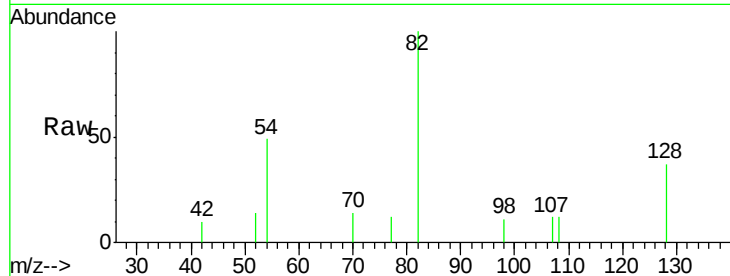
#23
Nitrobenzene-d5
Concen: 4.26 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	82	Resp	13818
Ion Ratio	100	Lower	Upper
82	100		
128	36.7	35.4	53.0
54	48.6	36.4	54.6

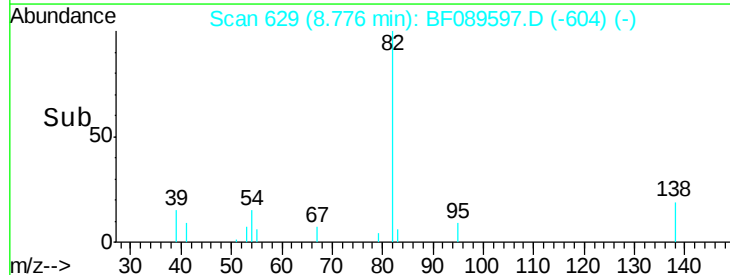
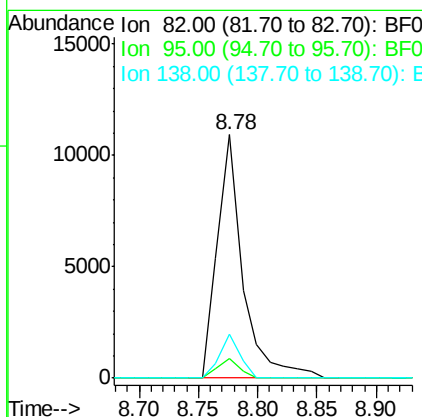
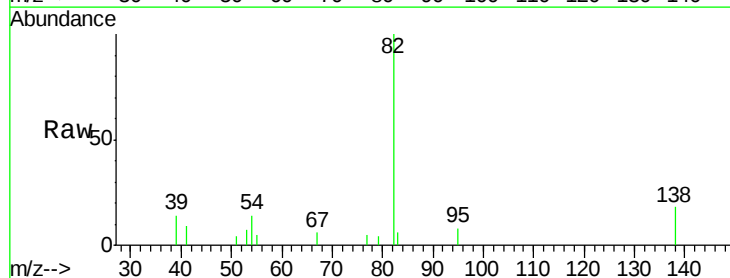
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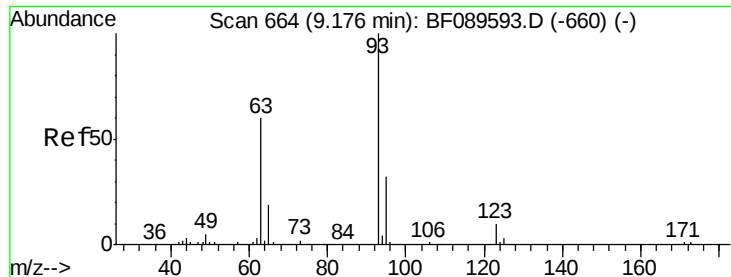
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#25
Isophorone
Concen: 2.63 ng
RT: 8.78 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	82	Resp	16257
Ion Ratio	100	Lower	Upper
82	100		
95	8.2	5.8	8.8
138	17.9	12.6	18.8





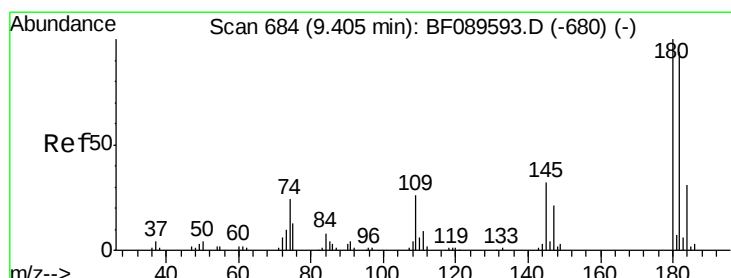
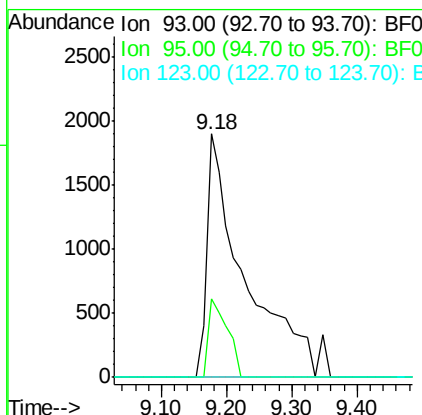
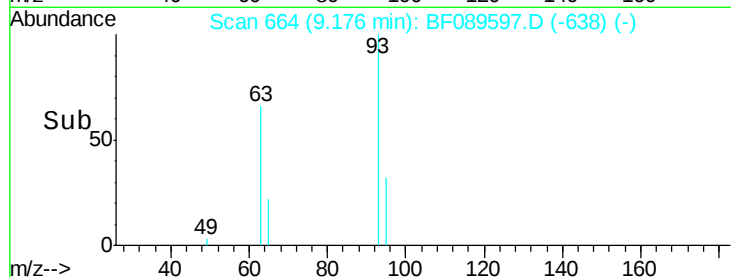
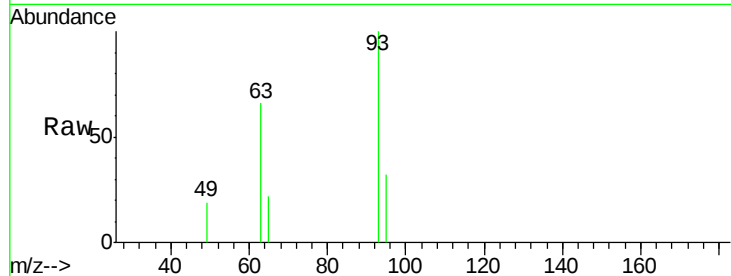
#28
 bis(2-Chloroethoxy)methane
 Concen: 2.12 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.8
123	0.0	8.0	12.0

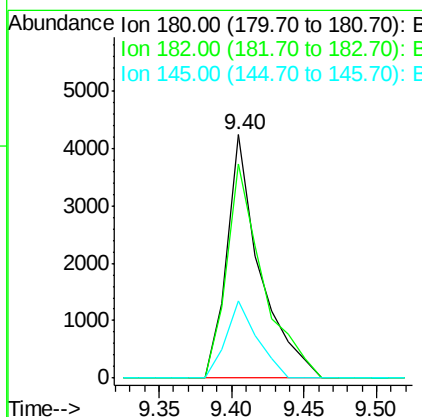
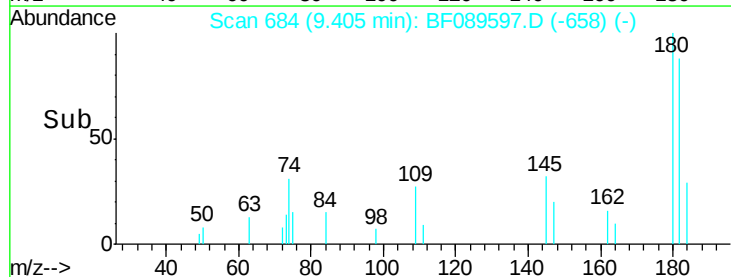
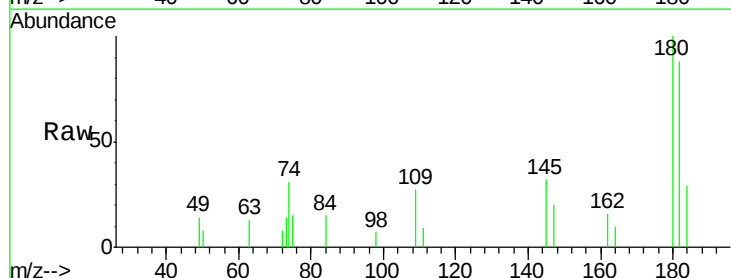
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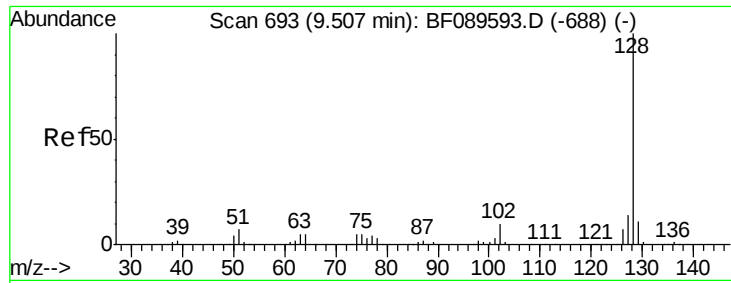
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#30
 1,2,4-Trichlorobenzene
 Concen: 2.46 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.9	75.0	112.6
145	31.9	25.6	38.4





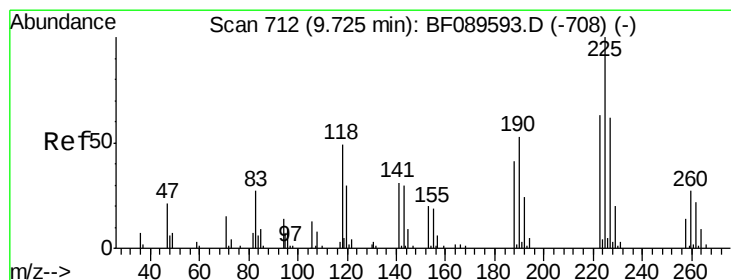
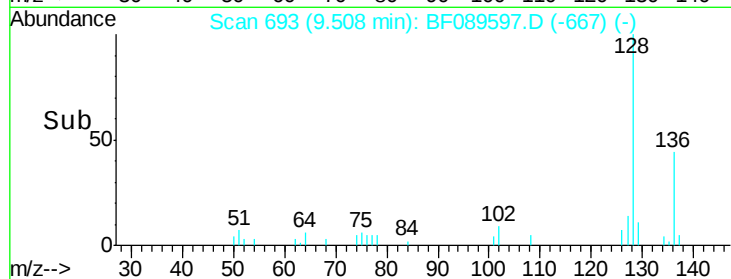
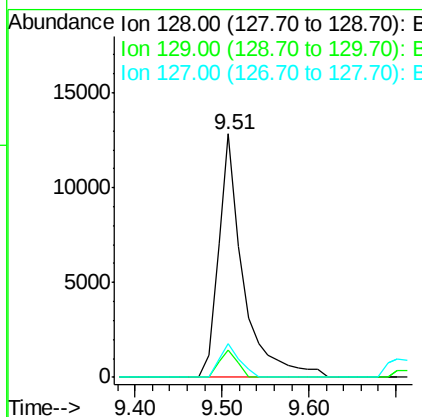
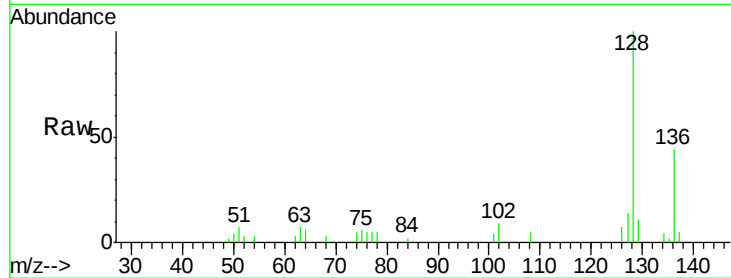
#31
Naphthalene
Concen: 2.68 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	14.0	10.9	16.3

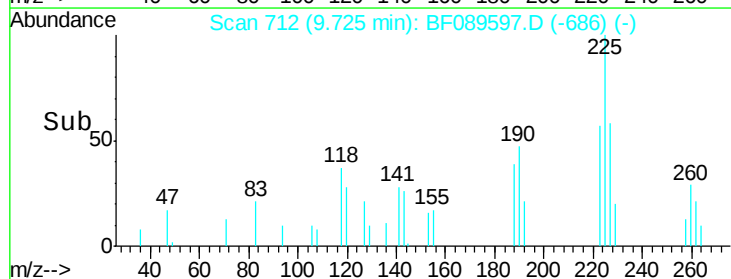
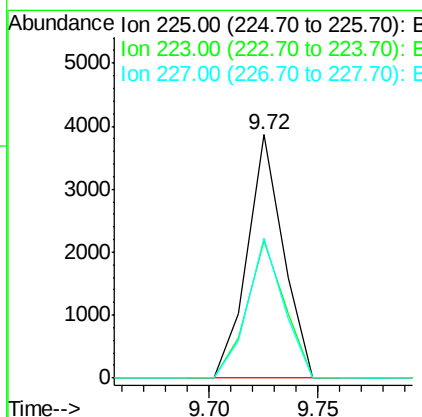
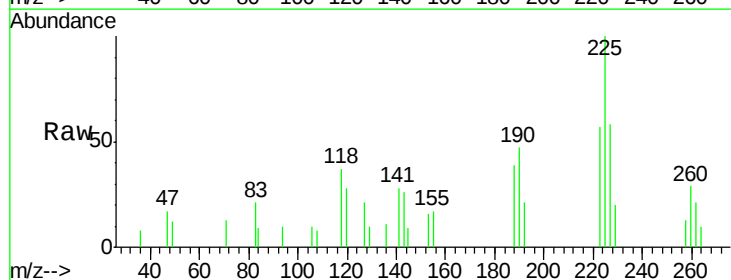
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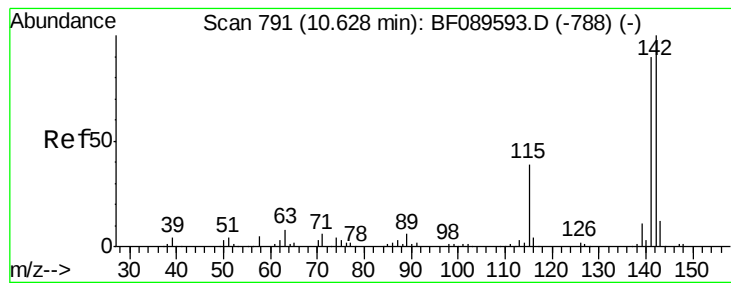
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#34
Hexachlorobutadiene
Concen: 2.86 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.6	50.7	76.1
227	57.6	49.4	74.0





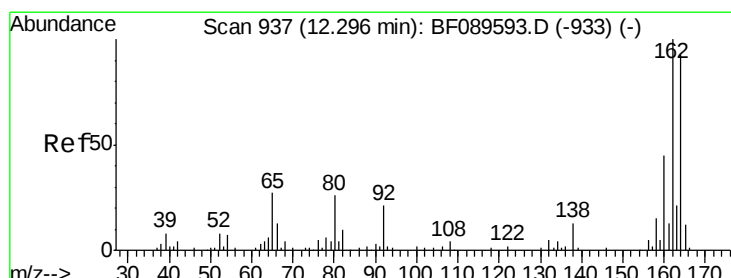
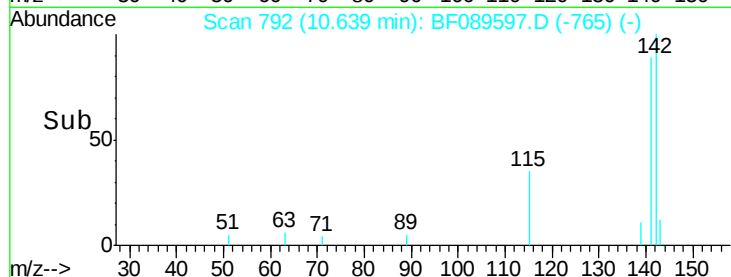
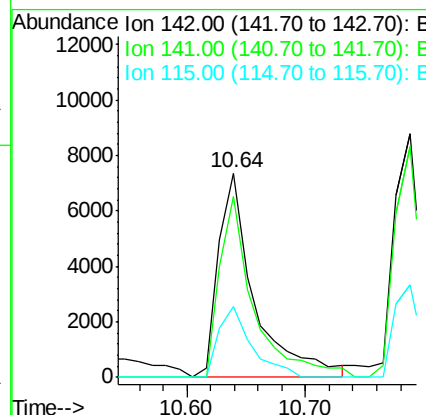
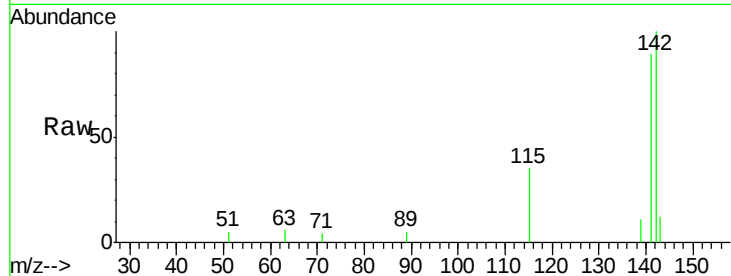
#37
2-Methylnaphthalene
Concen: 2.63 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.8	107.6
115	34.8	31.0	46.4

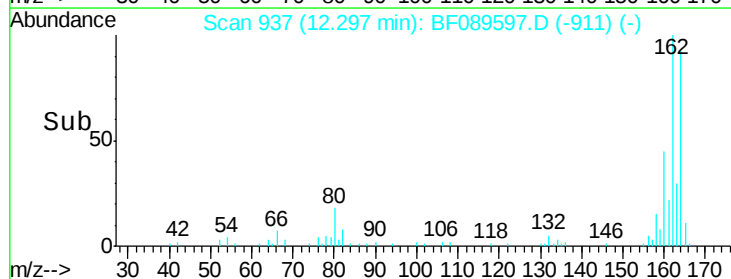
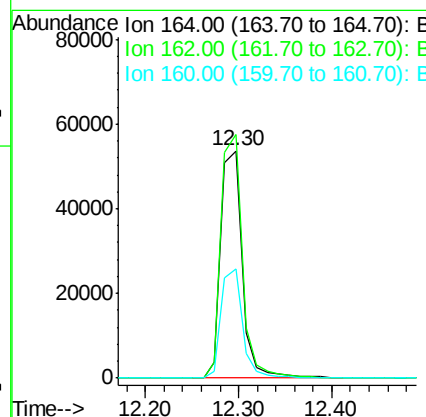
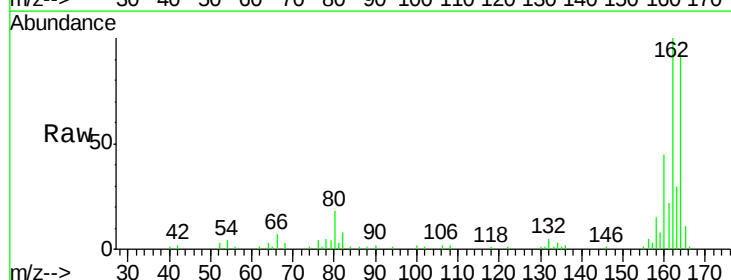
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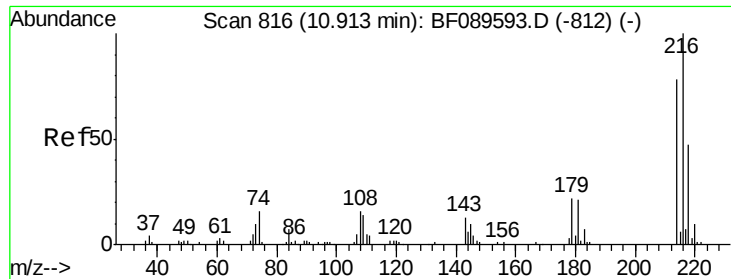
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

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





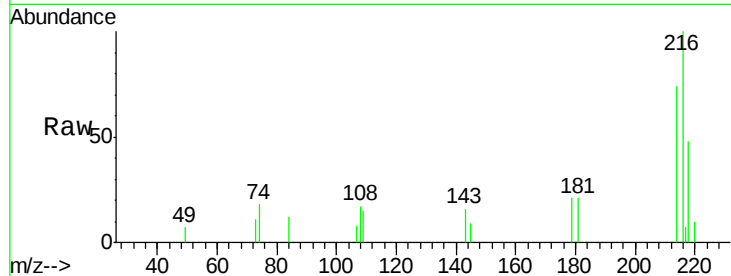
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.41 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

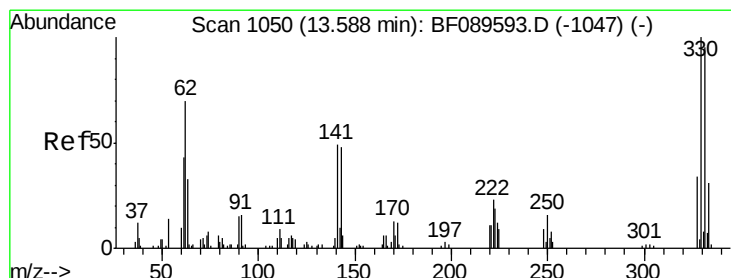
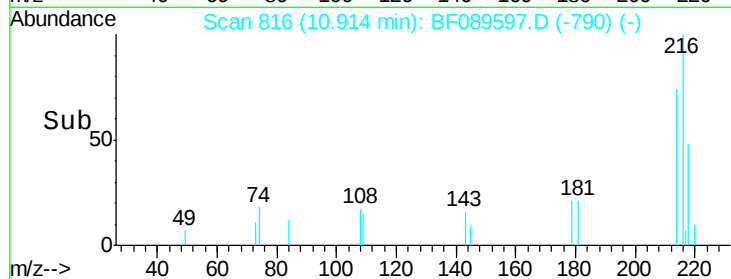
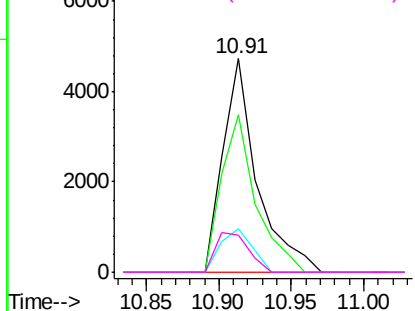
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		7714		
214	73.6	62.6	94.0		
179	19.0	17.8	26.8		
108	18.0	16.3	24.5		

Manual Integrations
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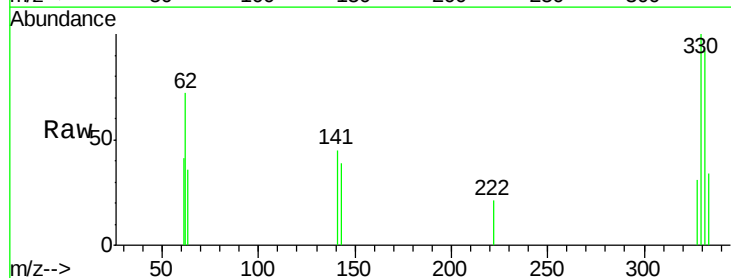


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

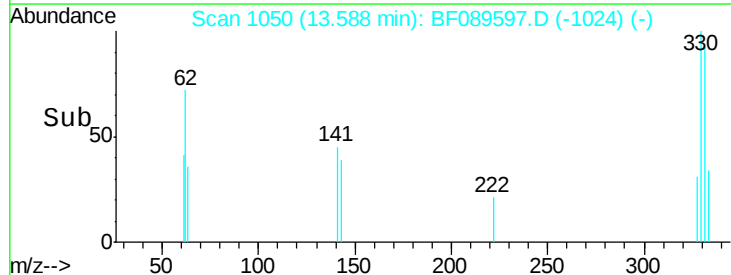
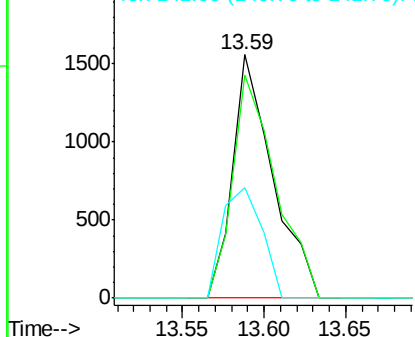


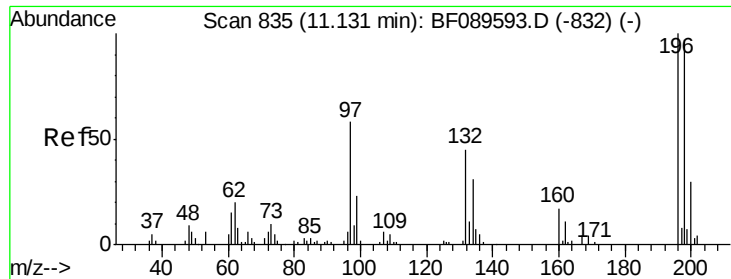
#41
 2,4,6-Tribromophenol
 Concen: 3.74 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100		2658		
332	98.1	77.0	115.6		
141	44.4	38.6	57.8		



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





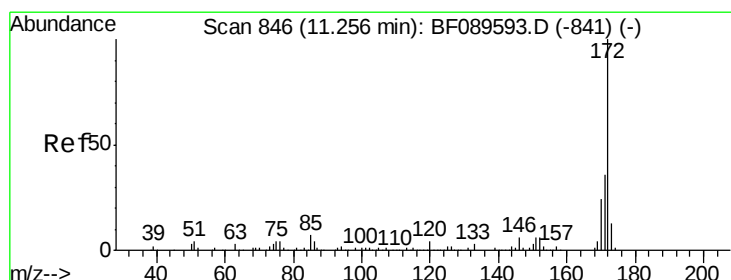
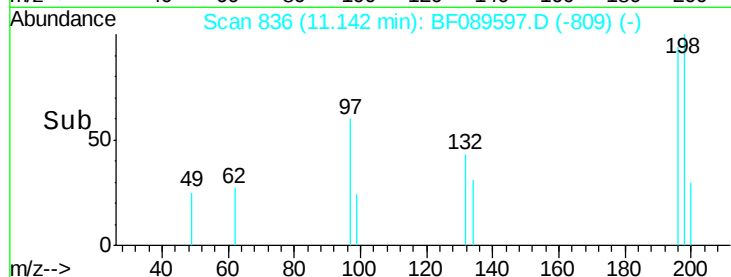
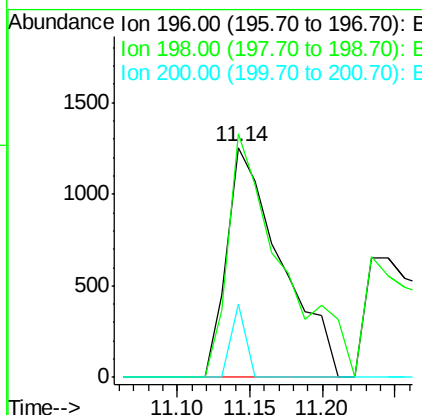
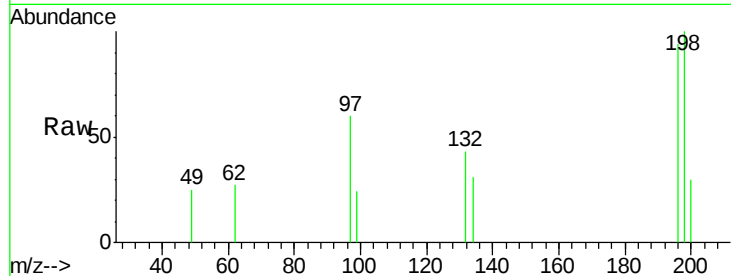
#42
 2,4,6-Trichlorophenol
 Concen: 2.07 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
196	100		
198	106.0	77.6	116.4
200	31.7	23.8	35.8

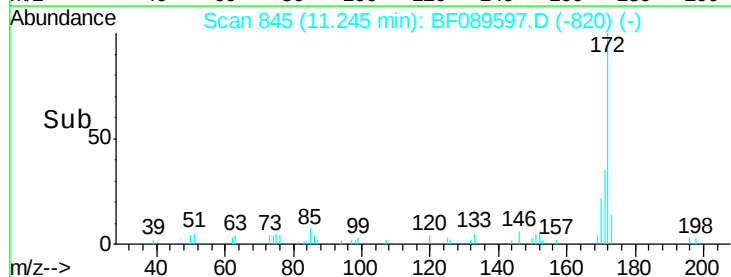
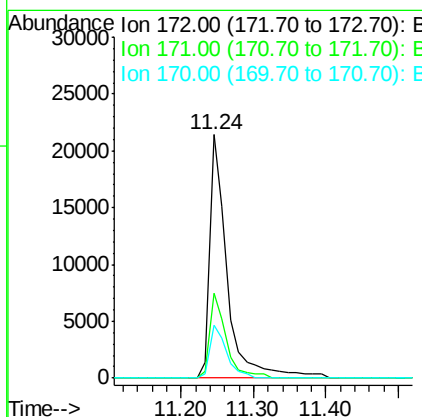
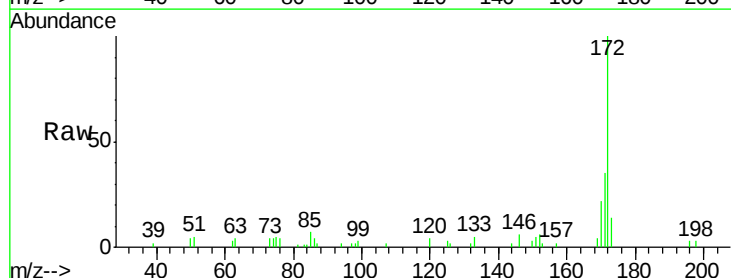
Manual Integrations
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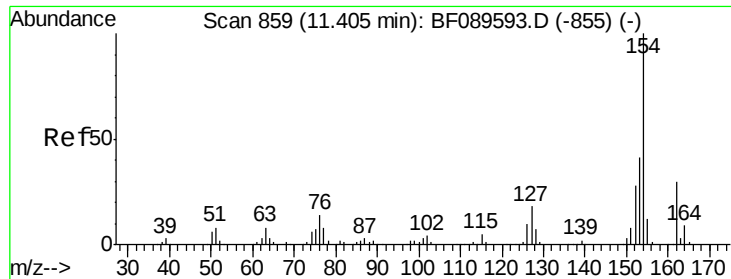
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#44
 2-Fluorobiphenyl
 Concen: 5.45 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	21.9	19.0	28.6





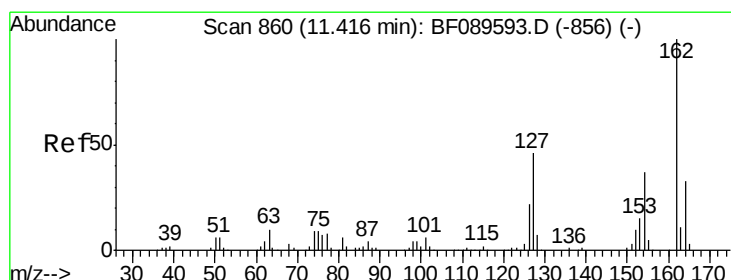
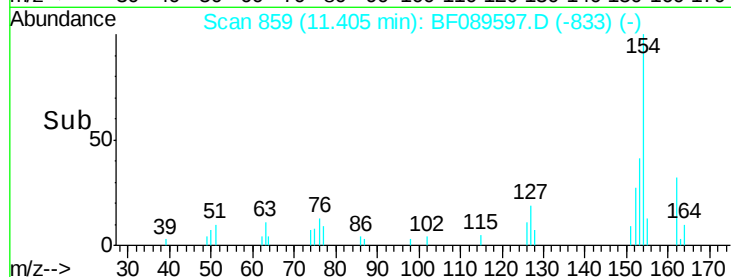
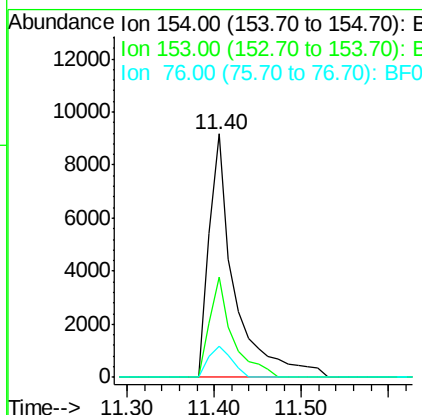
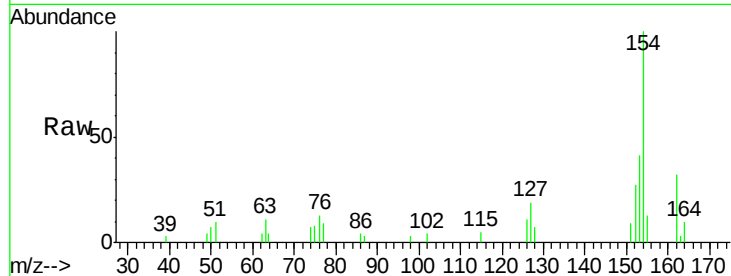
#45
 1,1'-Biphenyl
 Concen: 2.43 ng
 RT: 11.40 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.6	60.6
76	12.8	0.0	33.7

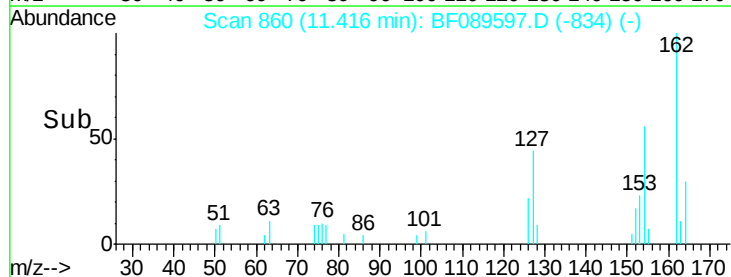
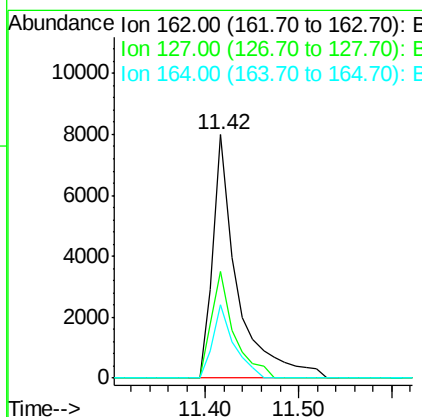
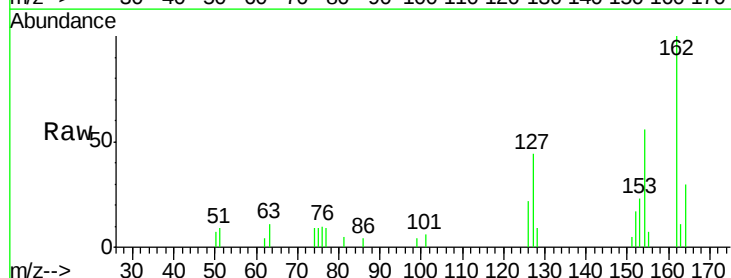
Manual Integrations
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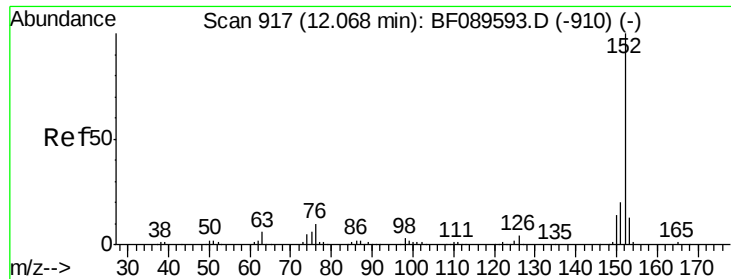
sohil
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#46
 2-Chloronaphthalene
 Concen: 2.54 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.0	36.6	54.8
164	30.4	26.8	40.2





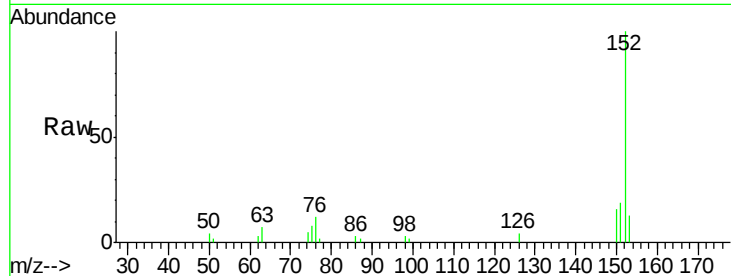
#48
Acenaphthylene
Concen: 2.62 ng
RT: 12.07 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

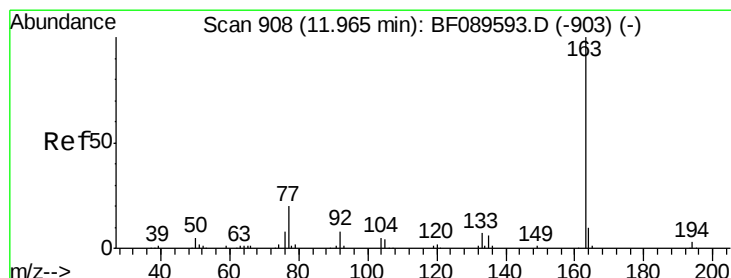
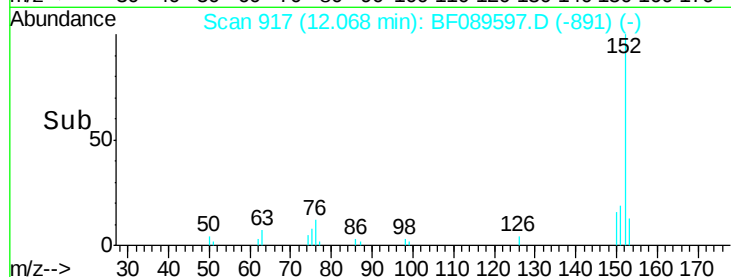
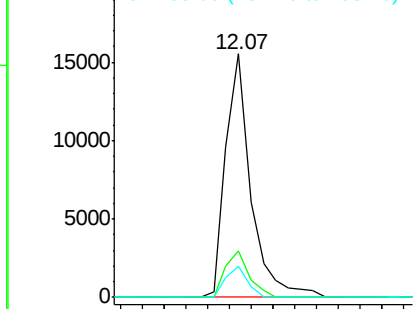
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4
153	12.7	10.5	15.7

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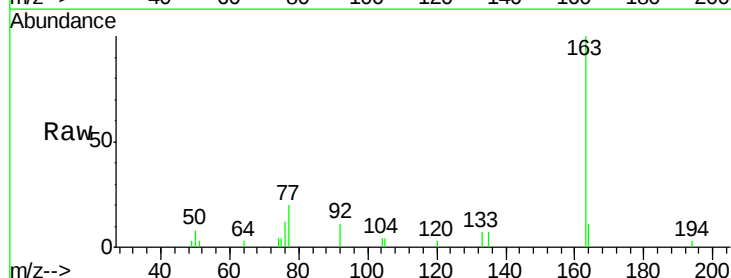


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

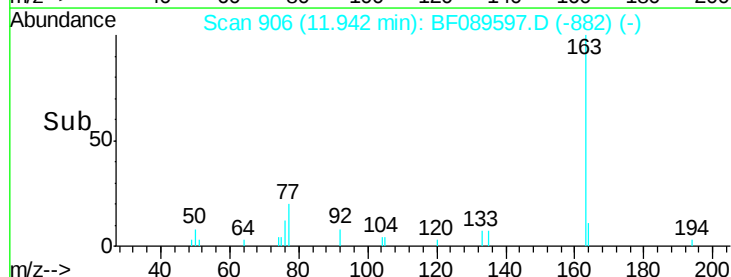
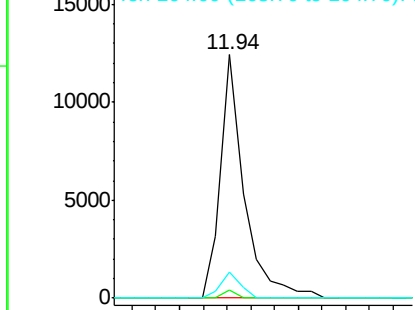


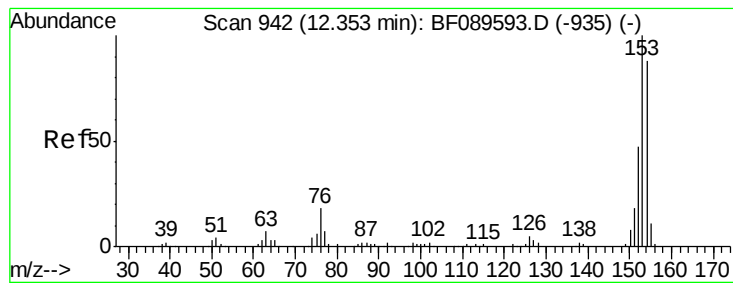
#49
Dimethylphthalate
Concen: 2.56 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.7	7.8	11.6



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





#51

Acenaphthene

Concen: 2.62 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF089597.D

Acq: 4 Aug 2016 19:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion:154 Resp: 14448

Ion Ratio Lower Upper

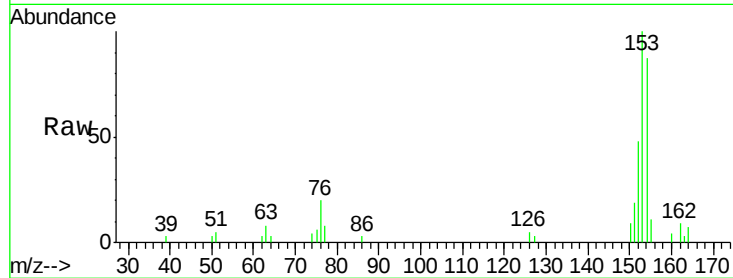
154 100

153 114.8 91.1 136.7

152 55.3 43.5 65.3

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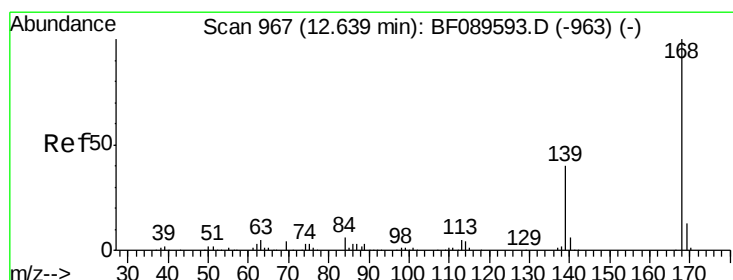
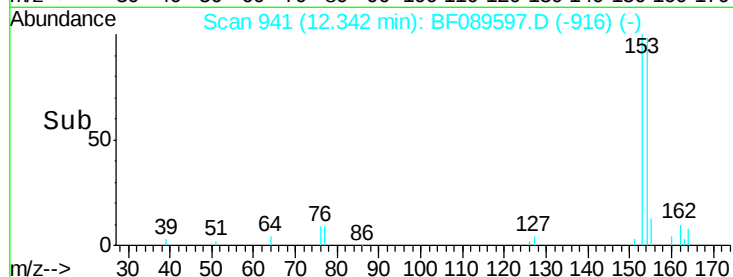
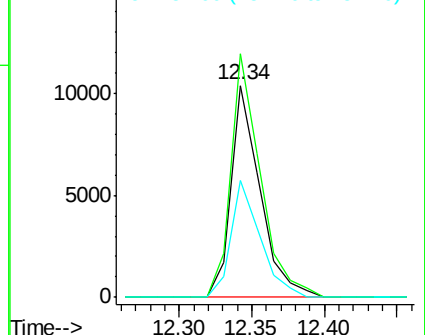
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.52 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF089597.D

Acq: 4 Aug 2016 19:42

Tgt Ion:168 Resp: 19038

Ion Ratio Lower Upper

168 100

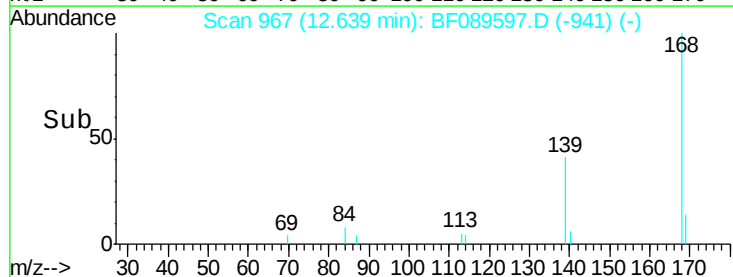
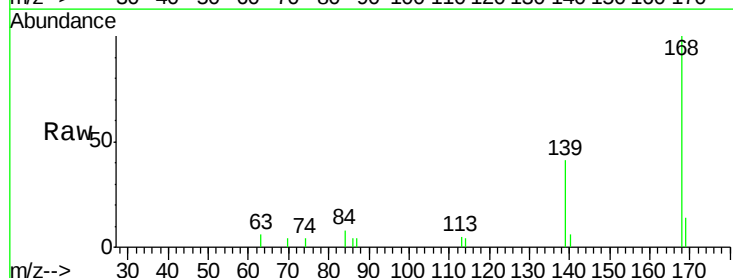
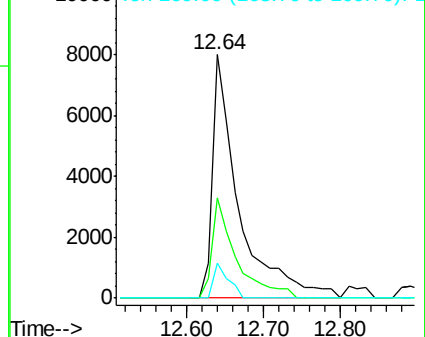
139 41.4 32.3 48.5

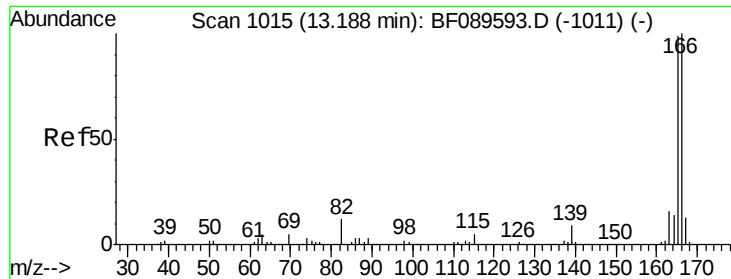
169 14.3 10.6 15.8

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





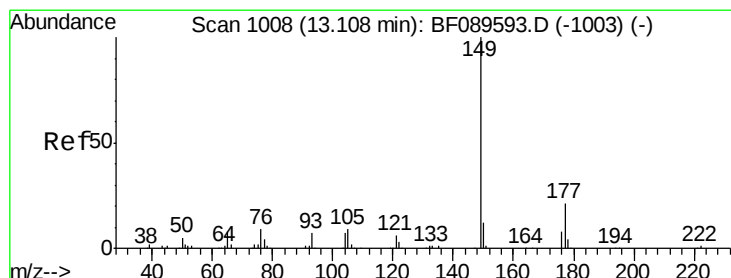
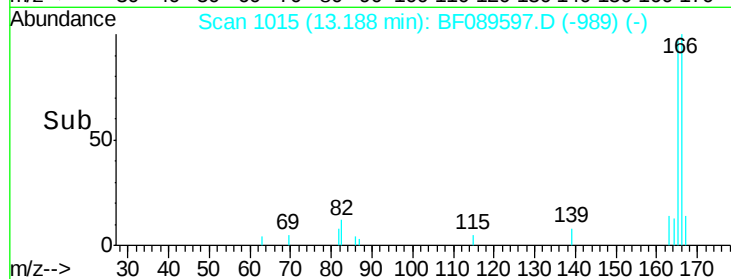
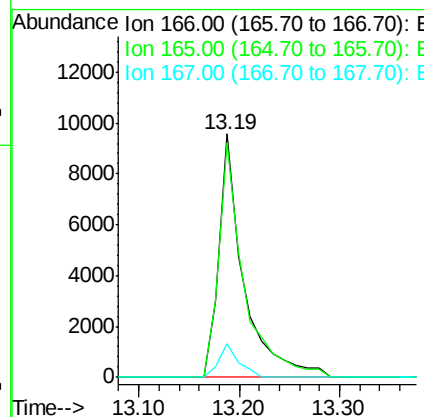
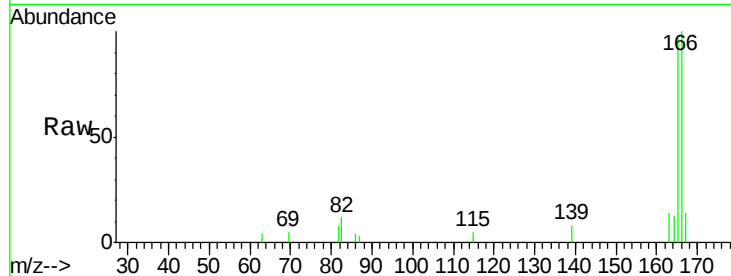
#57
Fluorene
Concen: 2.53 ng
RT: 13.19 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.9	118.3
167	13.7	10.4	15.6

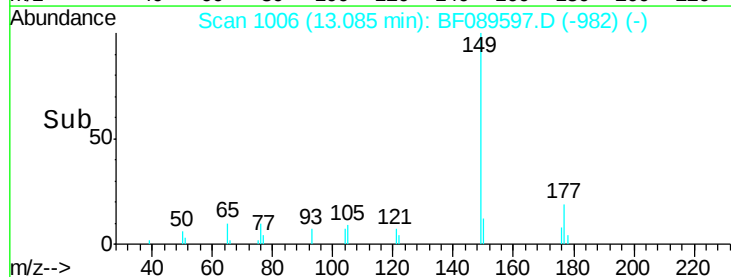
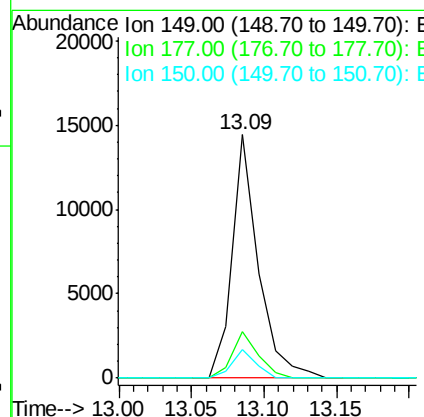
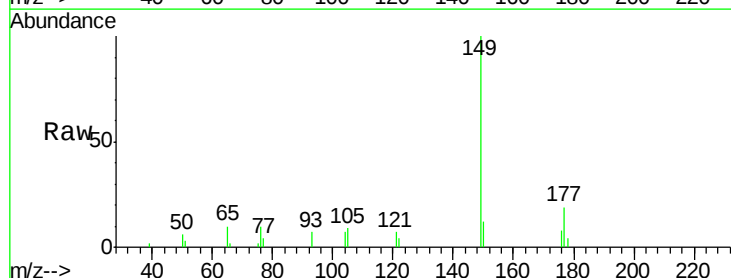
Manual Integrations
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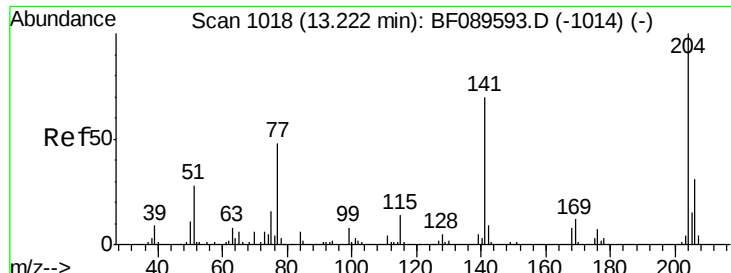
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#59
Diethylphthalate
Concen: 2.61 ng
RT: 13.09 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.2	16.8	25.2
150	11.8	9.6	14.4





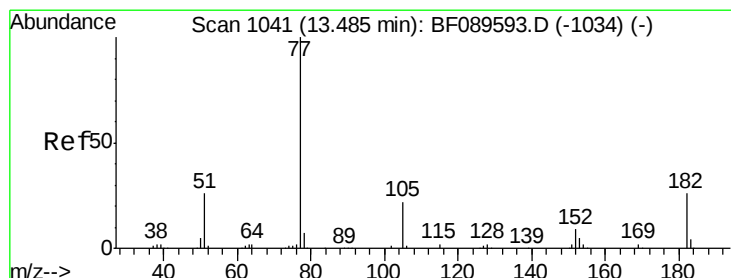
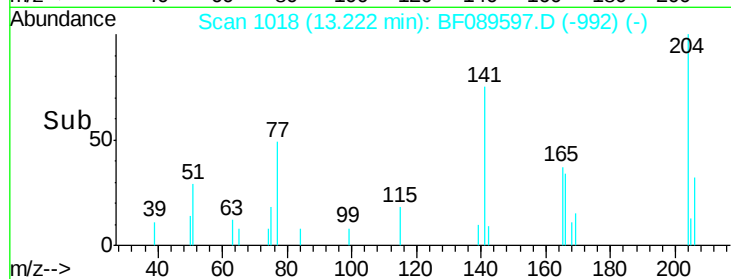
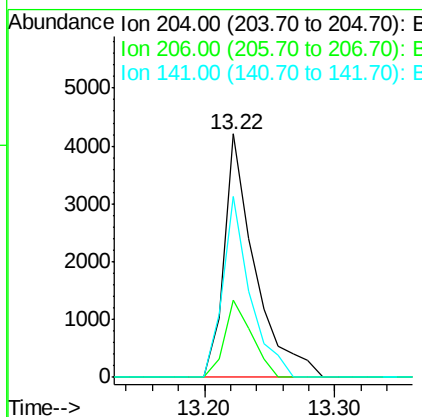
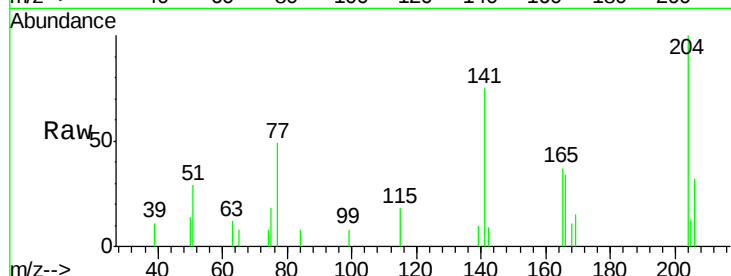
#60
4-Chlorophenyl-phenylether
Concen: 2.33 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.0	37.4
141	74.5	56.2	84.4

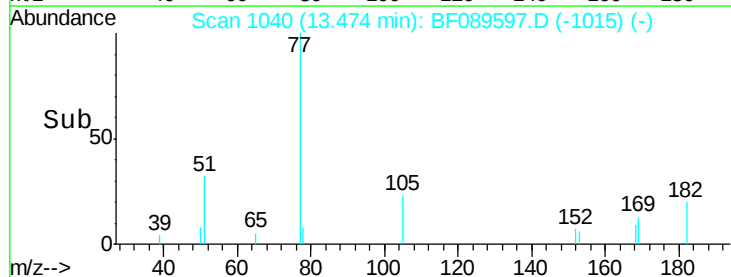
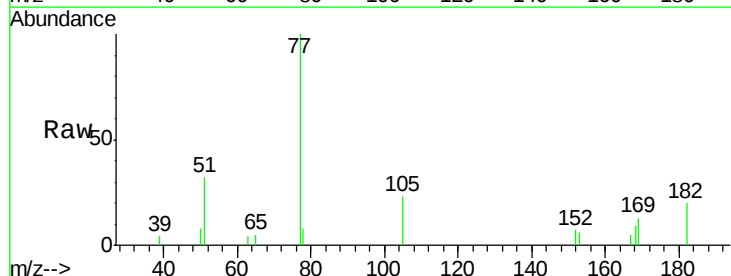
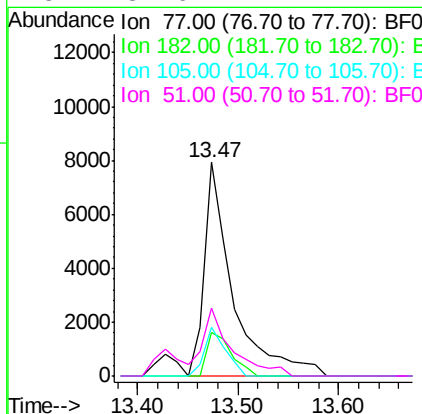
Manual Integrations
APPROVED

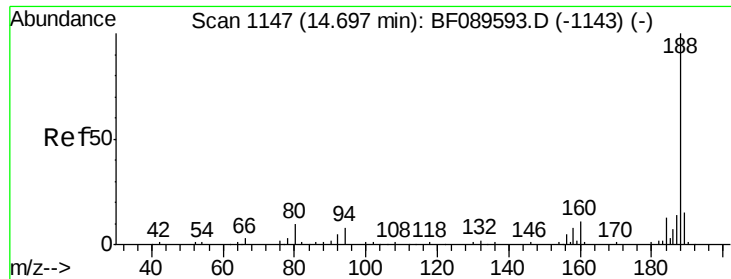
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#62
Azobenzene
Concen: 2.30 ng
RT: 13.47 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	5.8	45.8
105	22.6	2.9	42.9
51	31.6	7.2	47.2





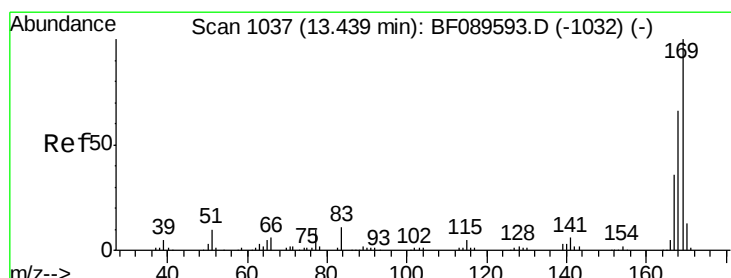
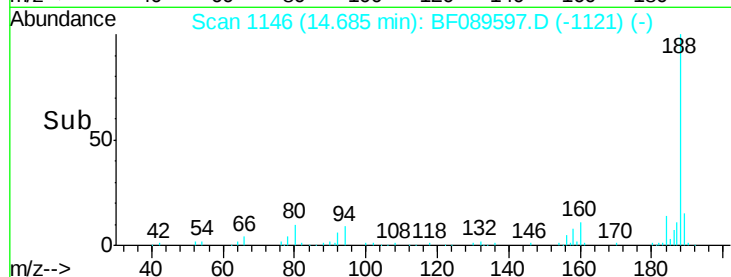
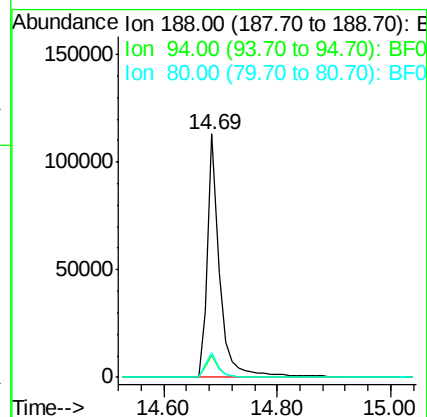
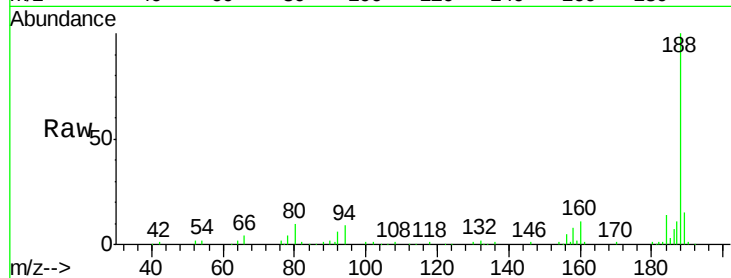
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	163877		
94	9.3		6.5	9.7
80	10.2		8.0	12.0

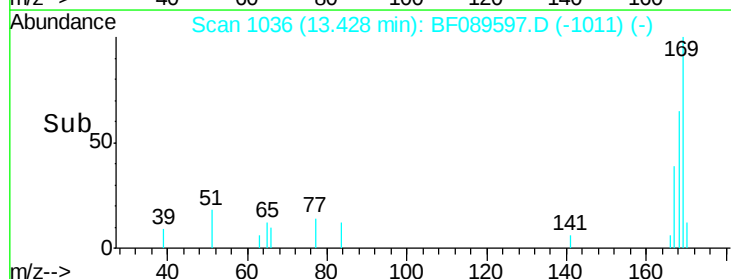
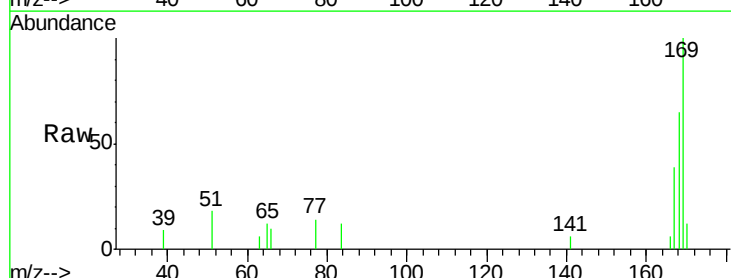
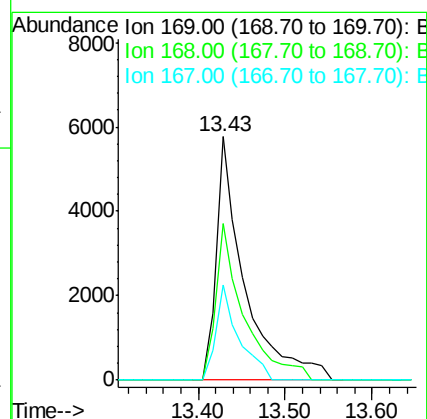
Manual Integrations
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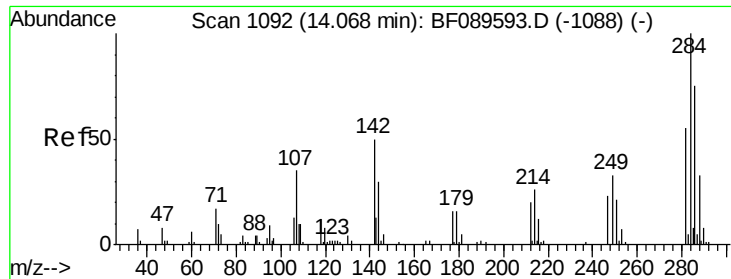
sohil
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#65
n-Nitrosodiphenylamine
Concen: 2.38 ng
RT: 13.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	13140		
168	64.5		54.2	81.2
167	38.8		28.9	43.3





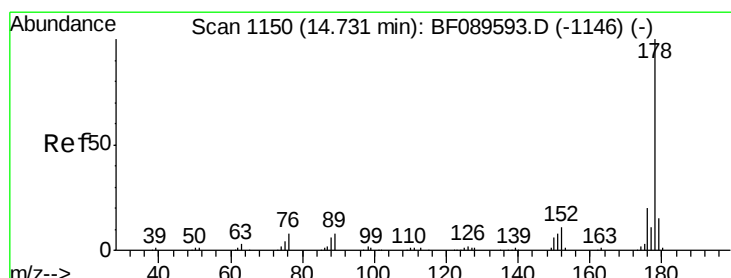
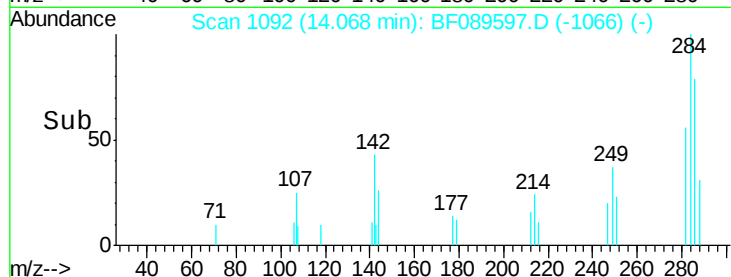
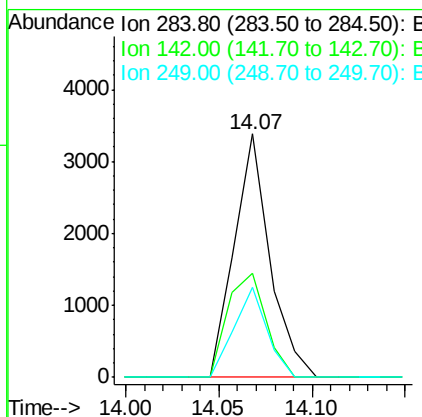
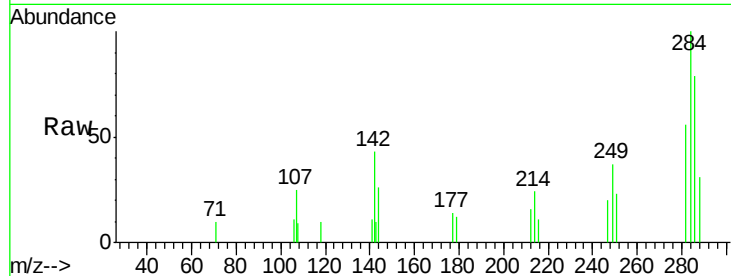
#67
Hexachlorobenzene
Concen: 2.61 ng
RT: 14.07 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.7	41.4	62.0
249	36.8	28.6	43.0

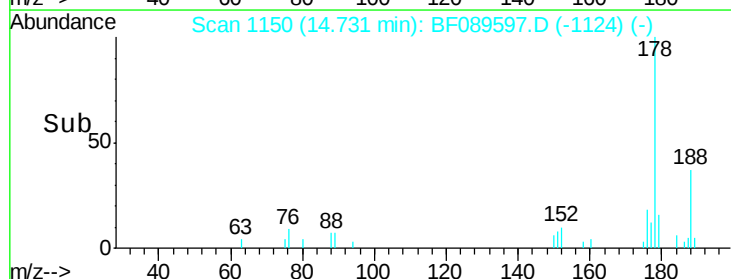
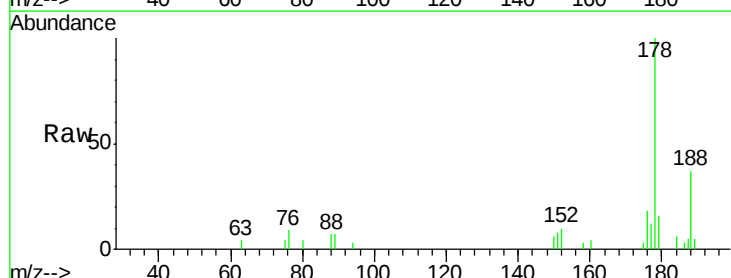
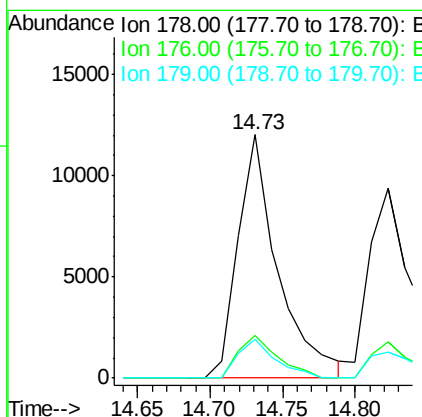
Manual Integrations
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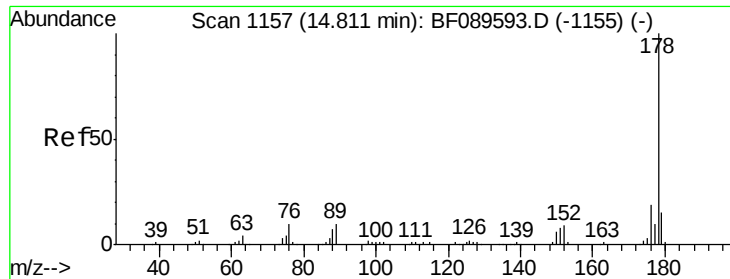
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#70
Phenanthrene
Concen: 2.60 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.7	23.5
179	16.0	12.2	18.2





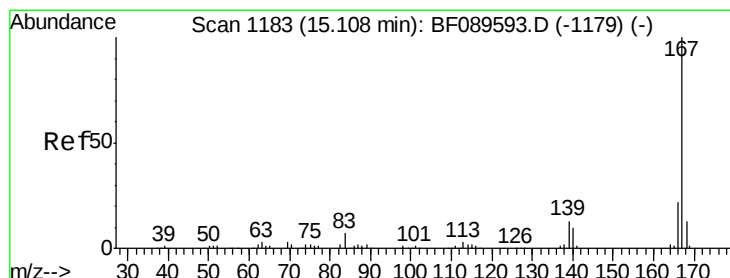
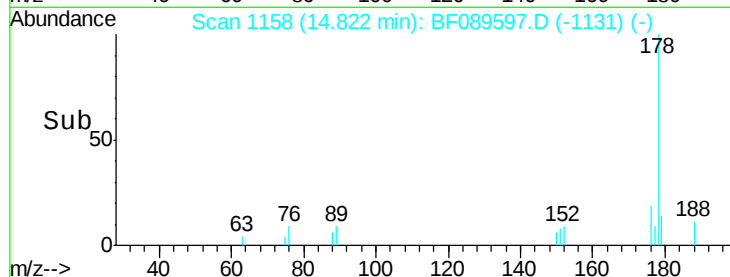
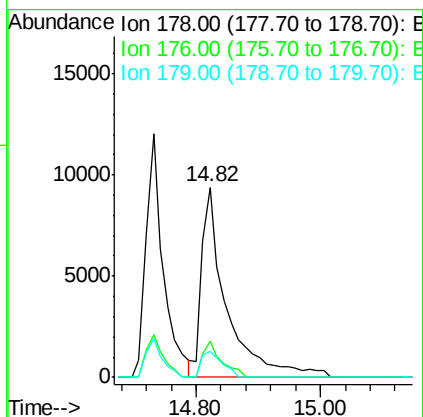
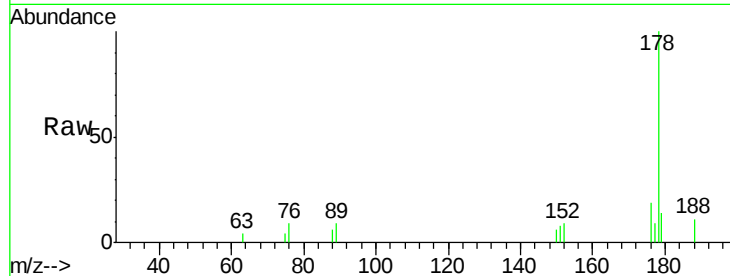
#71
 Anthracene
 Concen: 2.77 ng
 RT: 14.82 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.4	15.0	22.4	
179	14.0	12.4	18.6	

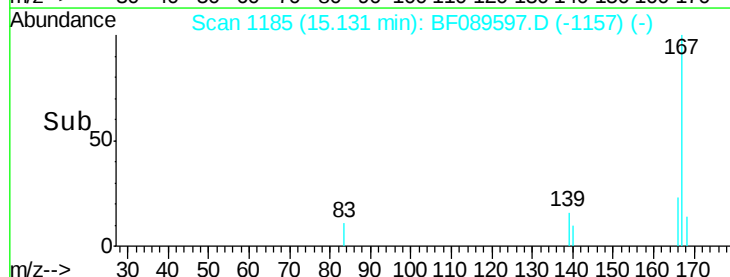
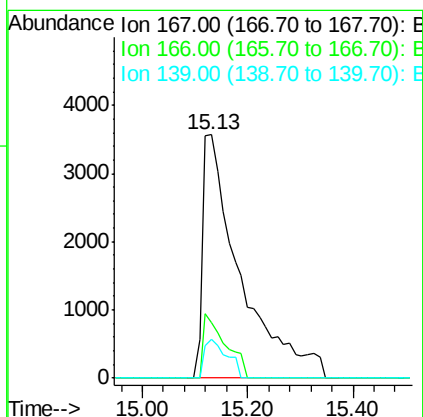
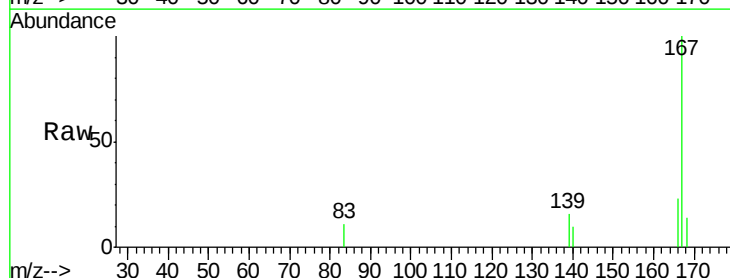
Manual Integrations
 APPROVED

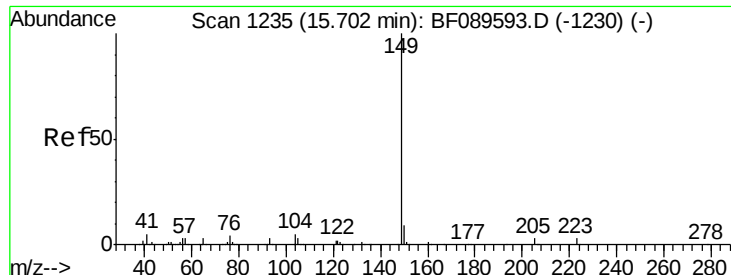
sohil
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#72
 Carbazole
 Concen: 2.25 ng m
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.02 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.9	17.5	26.3	
139	15.7	10.4	15.6	





#73

Di-n-butylphthalate

Concen: 2.45 ng

RT: 15.69 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF089597.D

Acq: 4 Aug 2016 19:42

Instrument :

BNA_F

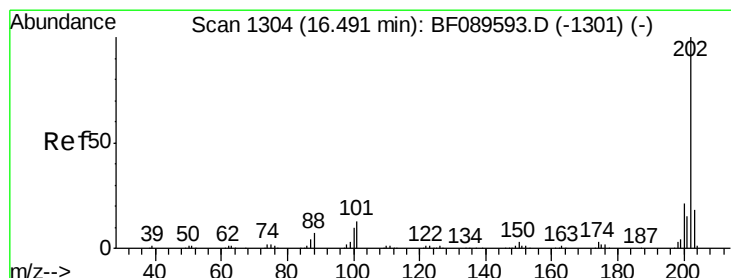
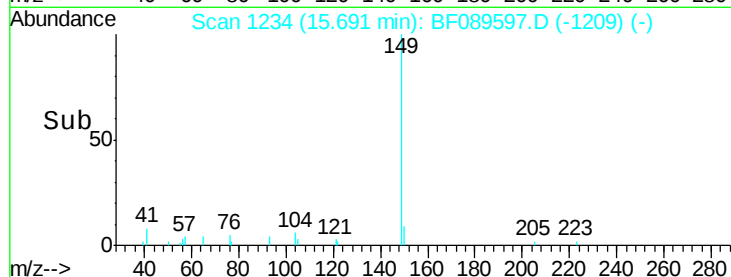
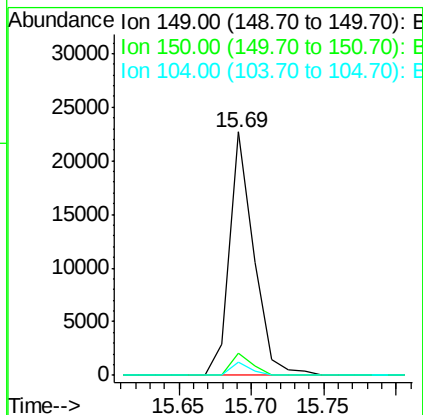
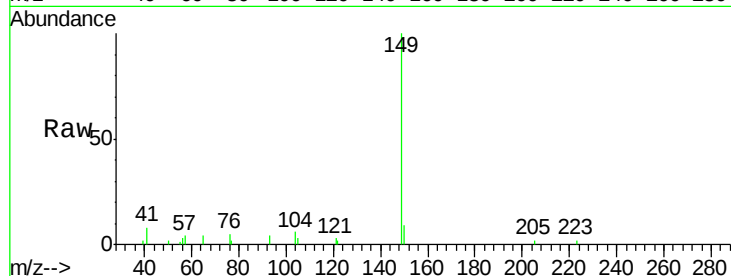
ClientSampleId :

SSTDIC02.5

Tot Ion:	149	Resp:	26359
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.2	10.8
104	5.6	3.8	5.8

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#74

Fluoranthene

Concen: 2.55 ng

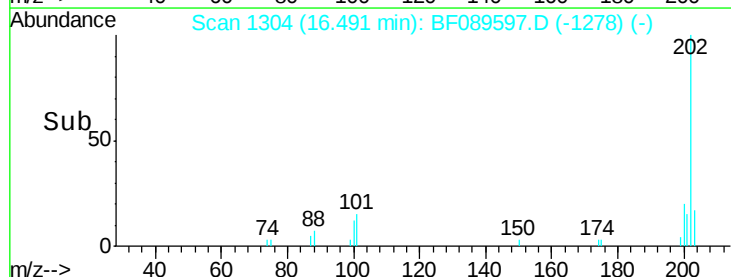
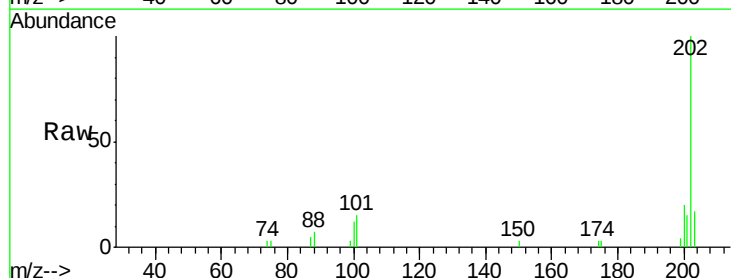
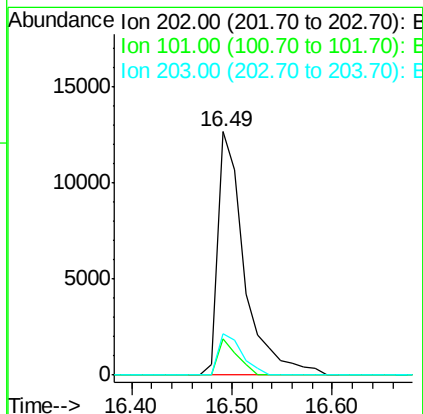
RT: 16.49 min Scan# 1304

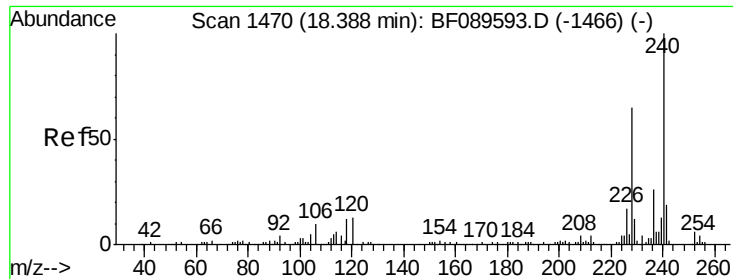
Delta R.T. 0.00 min

Lab File: BF089597.D

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Tgt Ion:	202	Resp:	23225
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	32.7
203	17.2	0.0	37.8





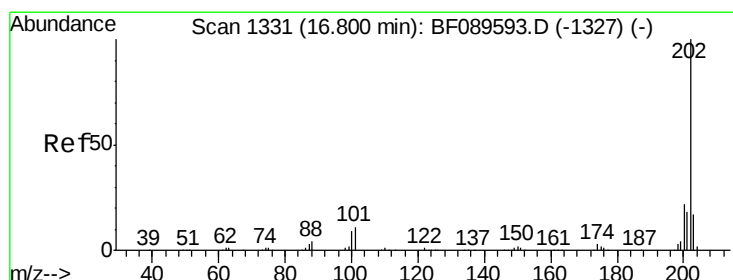
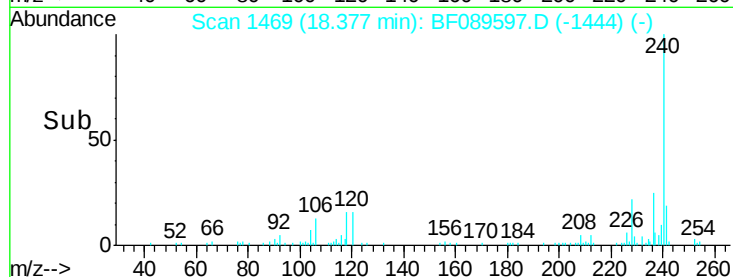
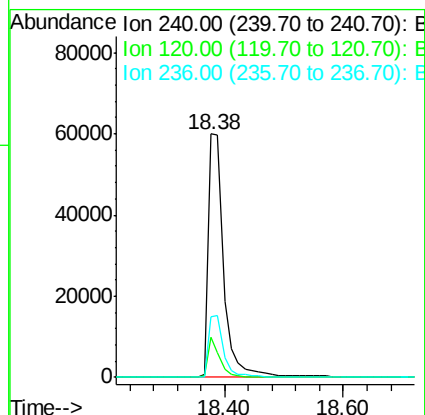
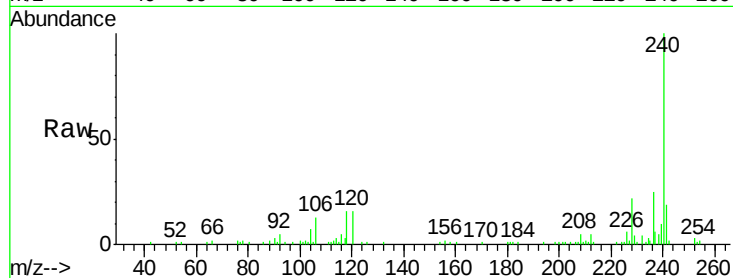
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.38 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.3	10.6	15.8
236	24.9	20.6	30.8

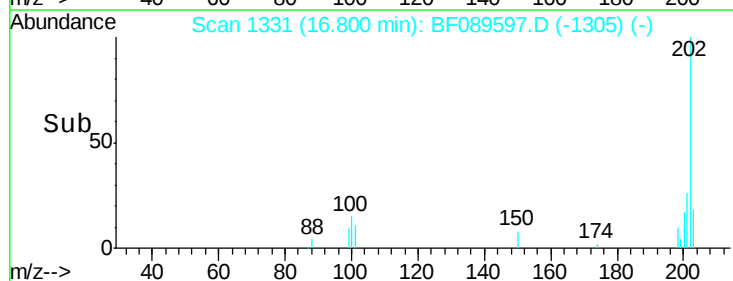
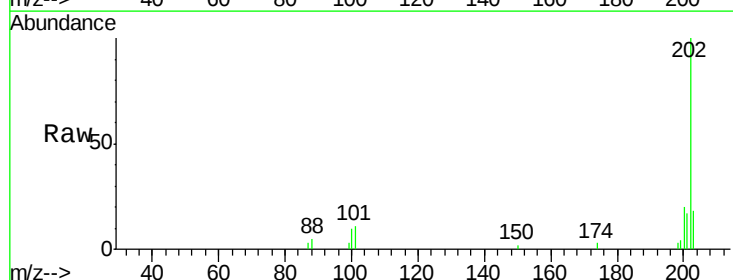
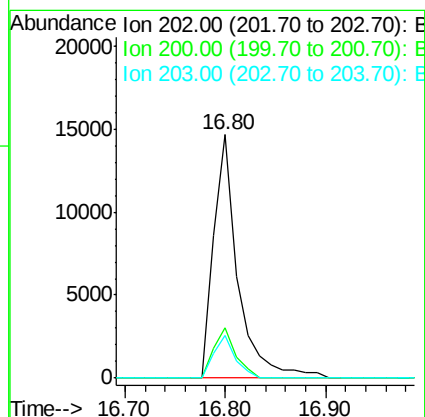
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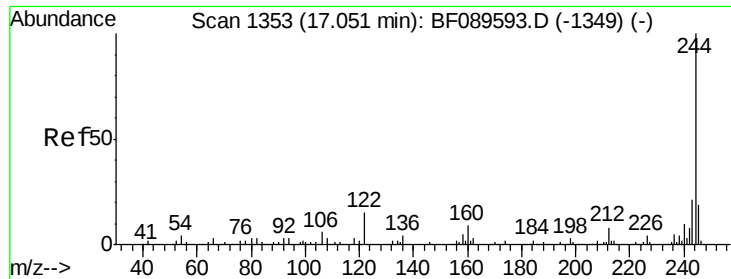
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#77
Pyrene
Concen: 2.55 ng
RT: 16.80 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.0
203	17.6	13.6	20.4





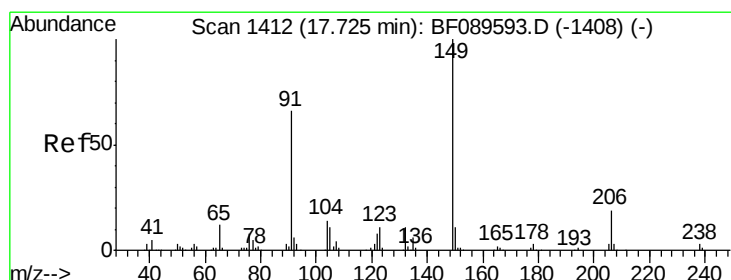
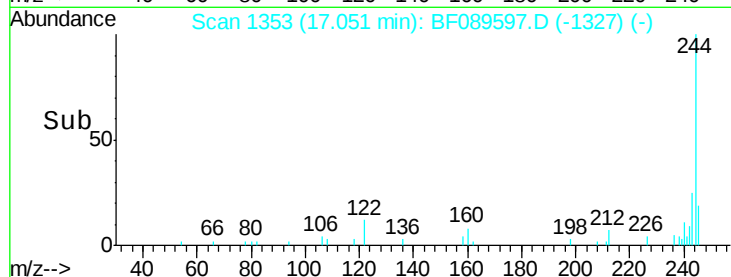
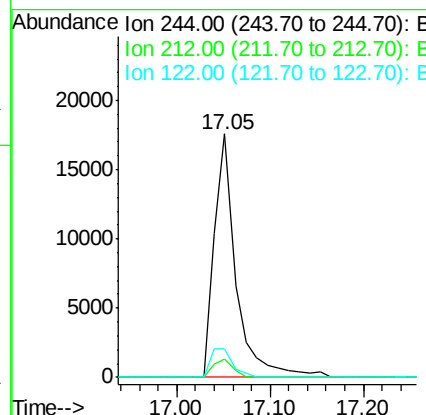
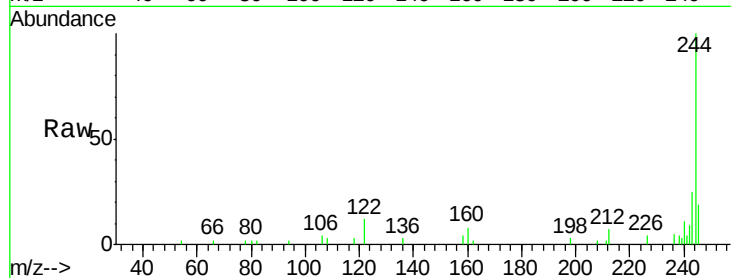
#78
 Terphenyl-d14
 Concen: 5.17 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	11.9	12.2	18.2#

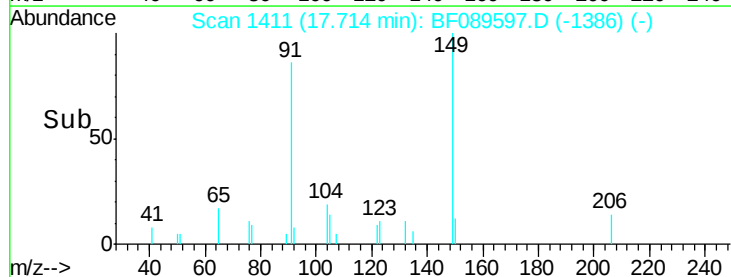
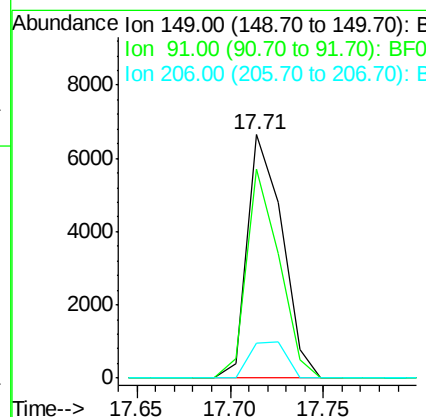
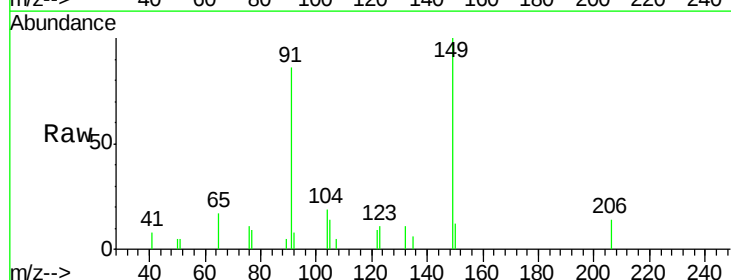
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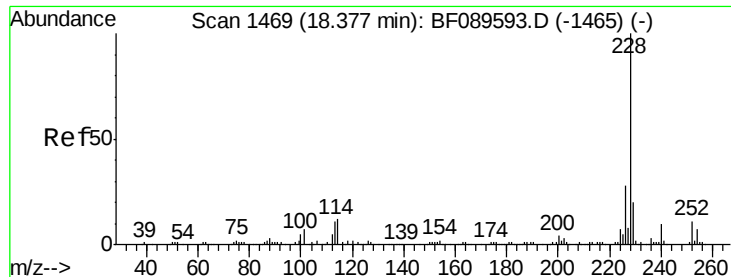
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#79
 Butylbenzylphthalate
 Concen: 2.11 ng
 RT: 17.71 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	86.0	52.6	78.8#
206	14.3	15.4	23.0#





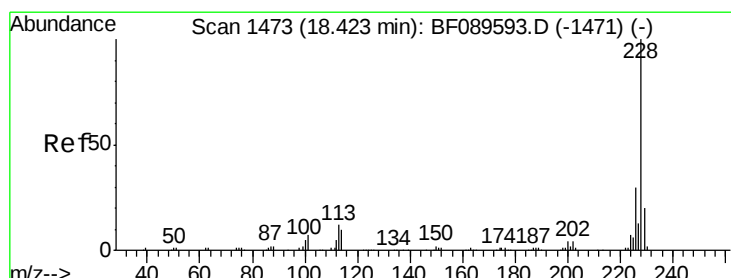
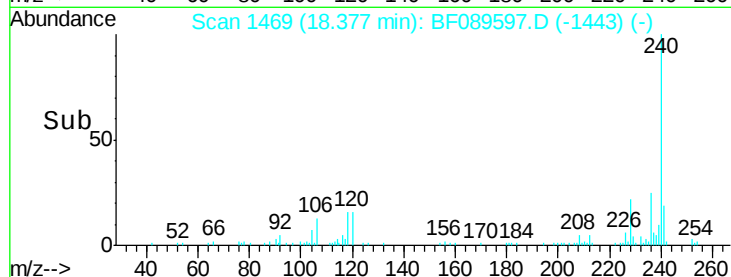
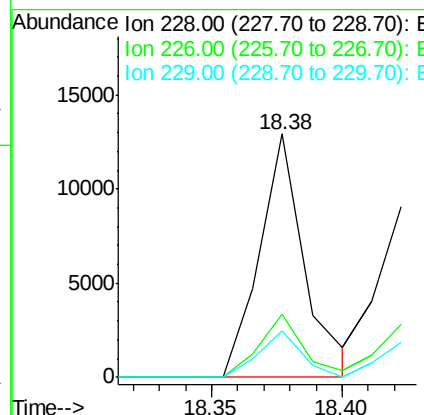
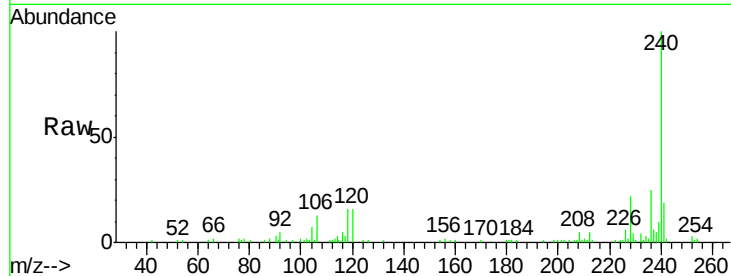
#80
Benzo(a)anthracene
Concen: 2.45 ng
RT: 18.38 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.3	33.5
229	19.0	15.9	23.9

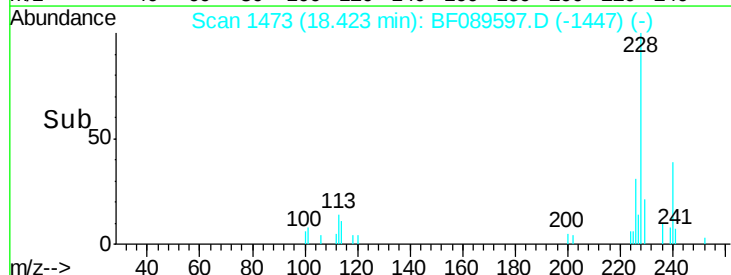
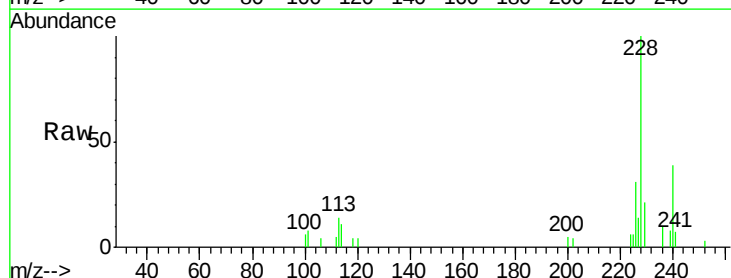
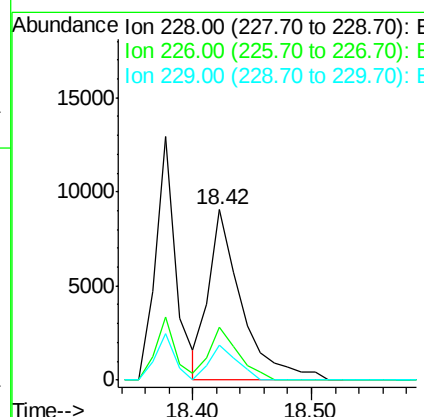
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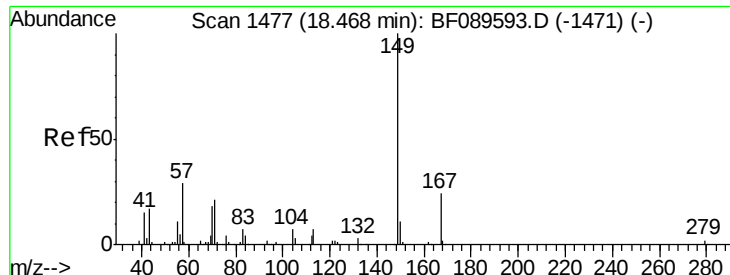
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#82
Chrysene
Concen: 2.70 ng
RT: 18.42 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	20.7	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.34 ng

RT: 18.47 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF089597.D

Acq: 4 Aug 2016 19:42

Instrument :

BNA_F

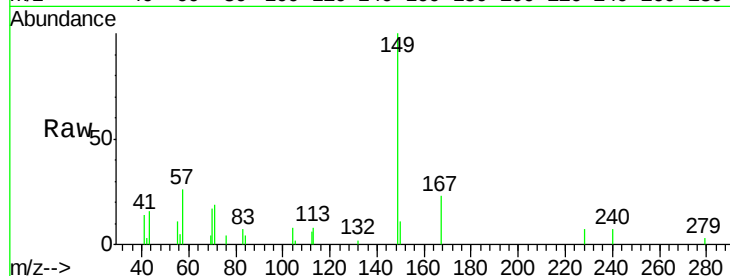
ClientSampleId :

SSTDIC02.5

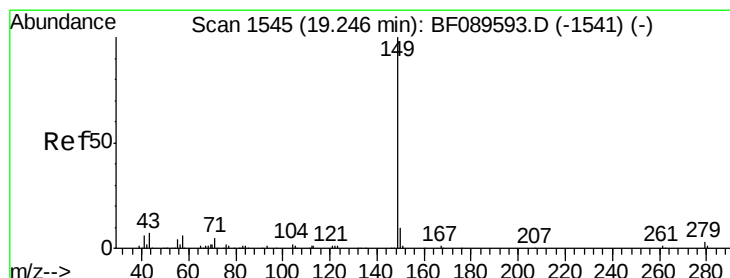
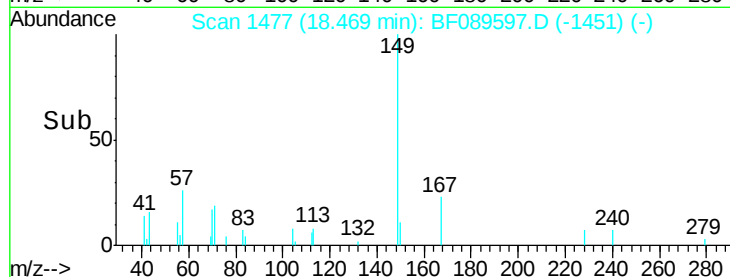
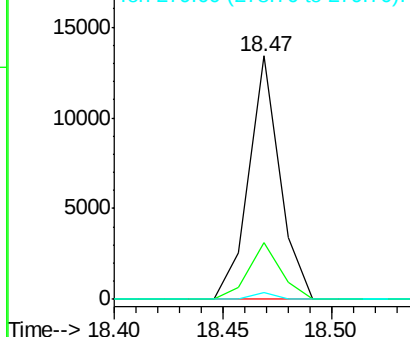
Tot Ion:	149	Resp:	13294
Ion Ratio	Lower	Upper	
149	100		
167	23.4	19.0	28.4
279	3.0	1.8	2.6#

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



#84

Di-n-octyl phthalate

Concen: 2.08 ng

RT: 19.23 min Scan# 1544

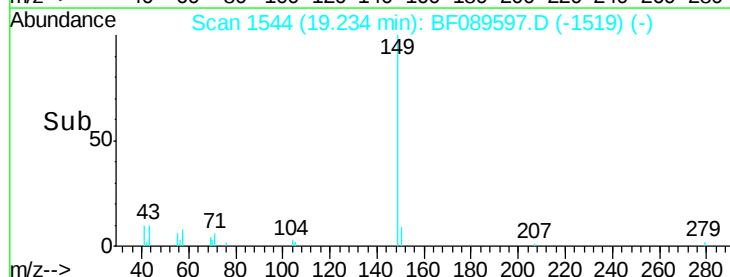
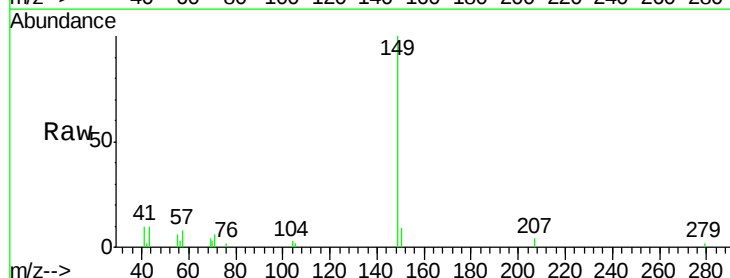
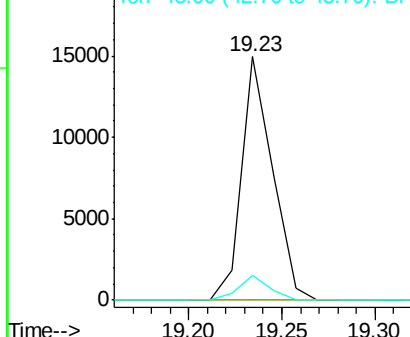
Delta R.T. -0.01 min

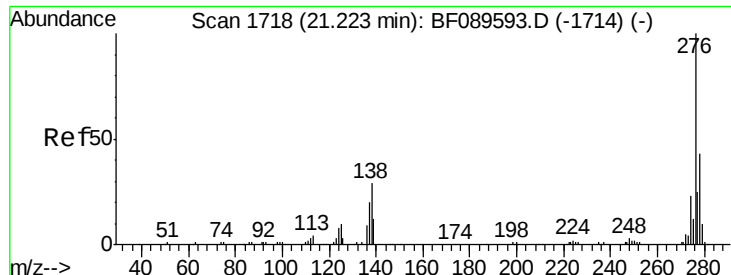
Lab File: BF089597.D

Acq: 4 Aug 2016 19:42

Tgt Ion:	149	Resp:	17116
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.1	1.7#
43	10.0	7.0	10.4

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





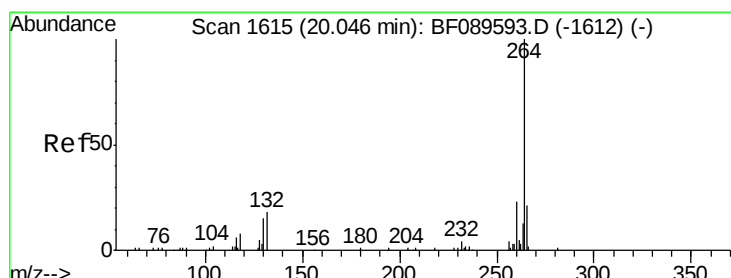
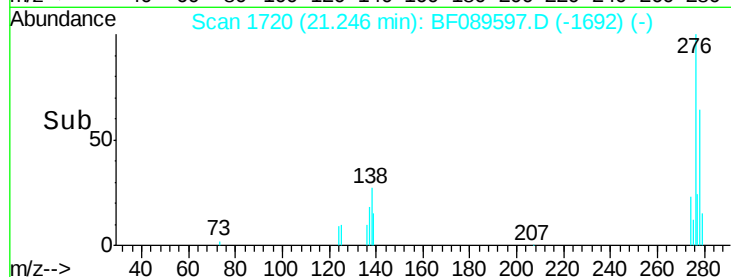
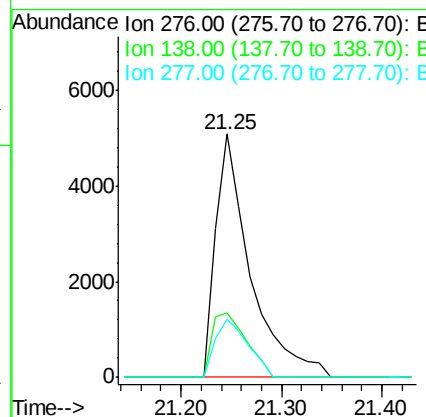
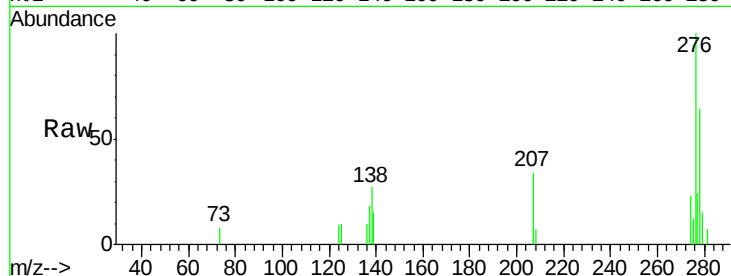
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.45 ng
 RT: 21.25 min Scan# 1720
 Delta R.T. 0.02 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	23.8	35.8
277	22.3	20.3	30.5

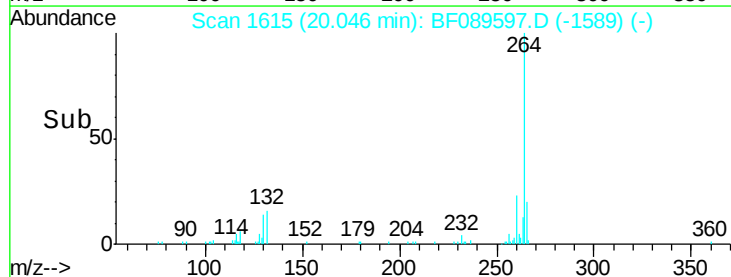
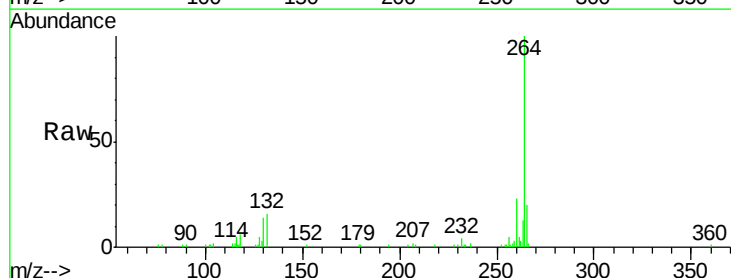
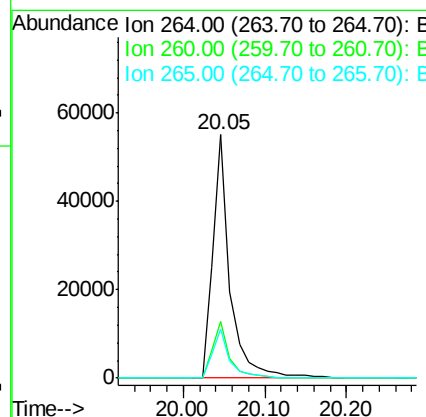
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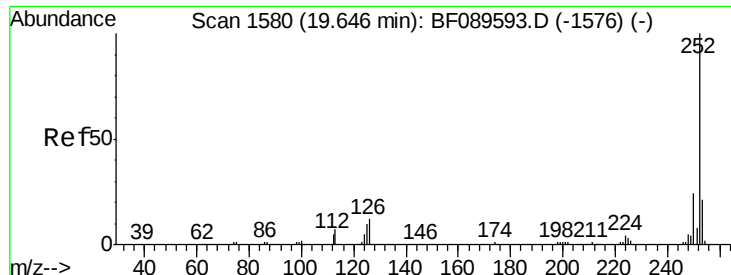
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.05 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.4	16.5	24.7





#87

Benzo(b)fluoranthene

Concen: 2.18 ng

RT: 19.65 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF089597.D

Acq: 4 Aug 2016 19:42

Instrument :

BNA_F

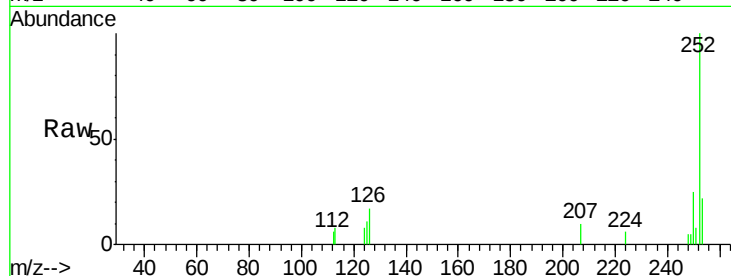
ClientSampleId :

SSTDICC02.5

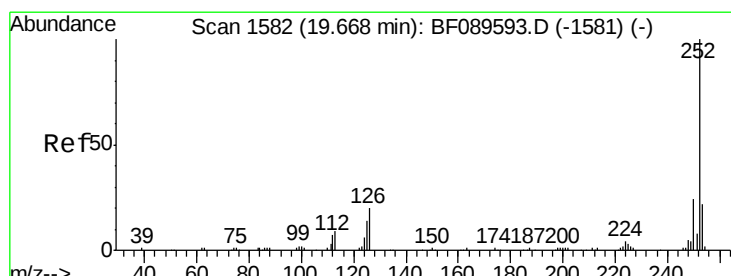
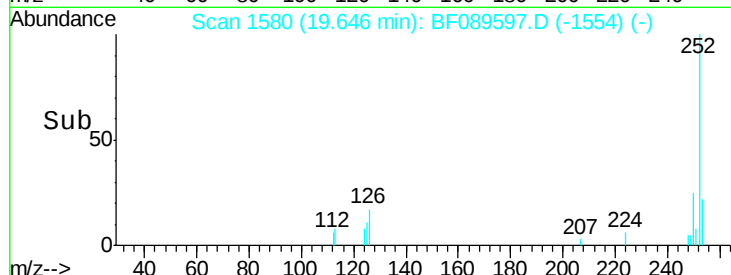
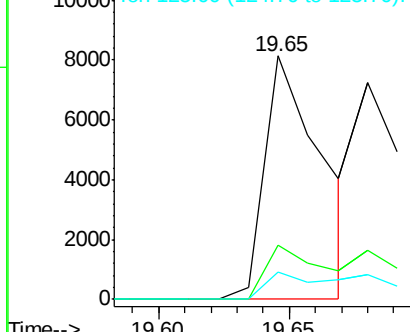
Tot Ion:	252	Resp:	12406
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	11.3	7.8	11.8

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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: 2.43 ng m

RT: 19.68 min Scan# 1583

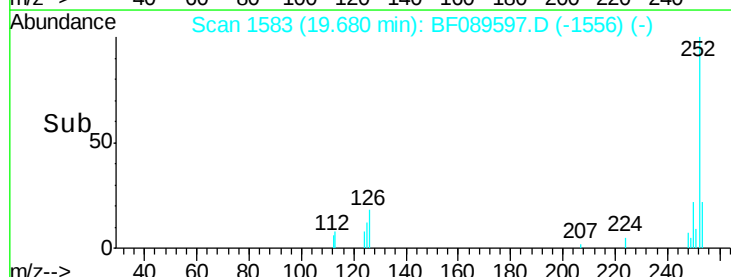
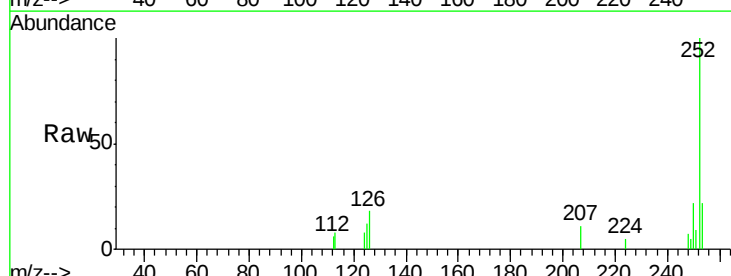
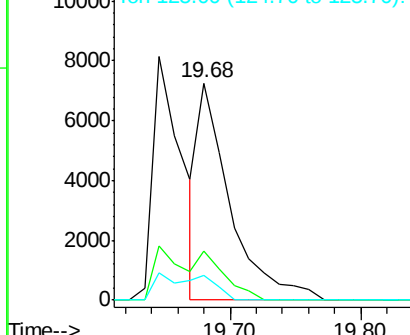
Delta R.T. 0.01 min

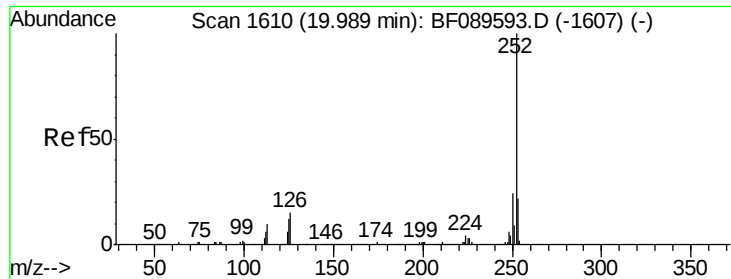
Lab File: BF089597.D

Acq: 4 Aug 2016 19:42

Tgt Ion:	252	Resp:	12512
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	11.7	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





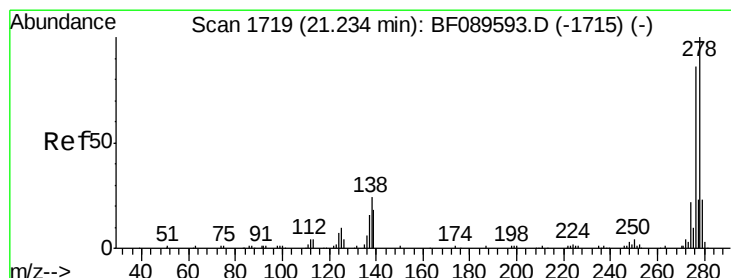
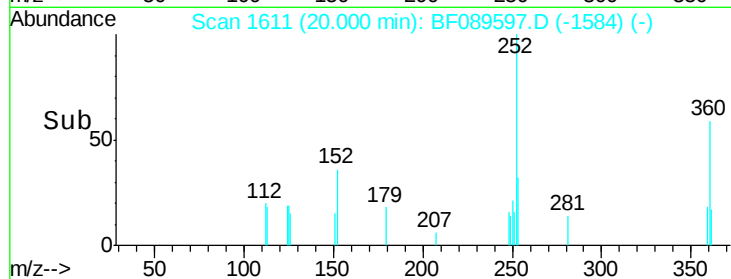
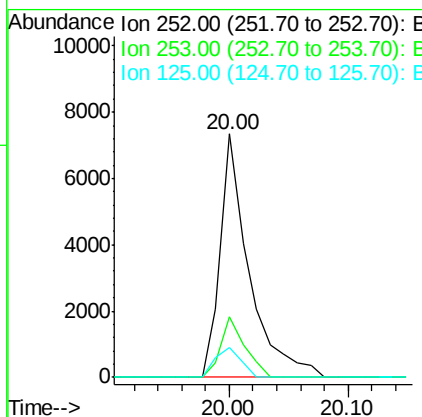
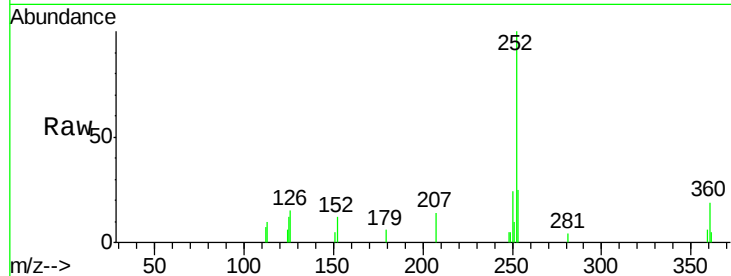
#89
Benzo(a)pyrene
Concen: 2.66 ng
RT: 20.00 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion:	252	Resp:	12310
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.4	26.0
125	12.5	9.9	14.9

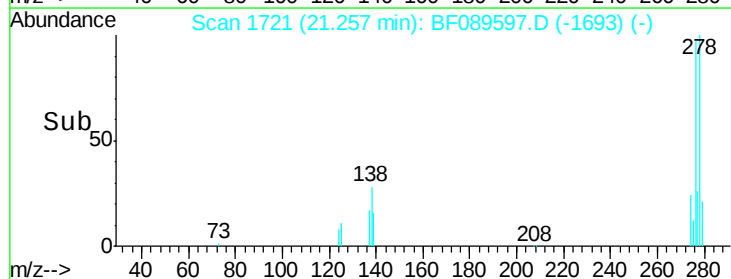
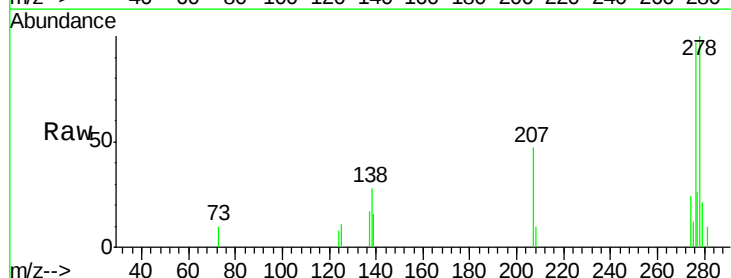
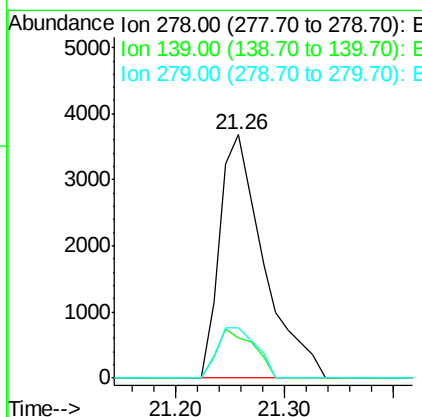
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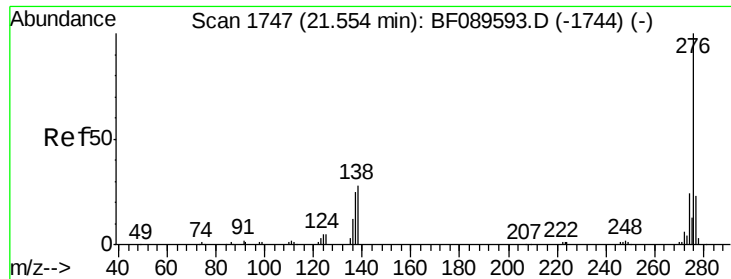
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#90
Dibenzo(a,h)anthracene
Concen: 2.38 ng
RT: 21.26 min Scan# 1721
Delta R.T. 0.02 min
Lab File: BF089597.D
Acq: 4 Aug 2016 19:42

Tgt Ion:	278	Resp:	10341
Ion Ratio	Lower	Upper	
278	100		
139	16.4	14.6	21.8
279	20.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.38 ng
 RT: 21.58 min Scan# 1749
 Delta R.T. 0.02 min
 Lab File: BF089597.D
 Acq: 4 Aug 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	27.5	22.6	33.8

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