

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089637.D
 Acq On : 5 Aug 2016 18:52
 Operator : UM/SJ
 Sample : H4292-10
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS11-0-2IN

Manual Integrations
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Quant Time: Aug 06 00:04:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	48038	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	195685	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	81151	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	119209	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	97530	20.00	ng	0.00
86) Perylene-d12	20.05	264	86265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	424112	147.97	ng	0.05
7) Phenol-d6	7.00	99	569549	146.49	ng	0.02
23) Nitrobenzene-d5	8.35	82	335139	94.73	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	82609	123.35	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	553842	88.70	ng	0.00
78) Terphenyl-d14	17.05	244	292363	59.18	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.94	163	104105	16.37	ng	100
70) Phenanthrene	14.72	178	35814	5.53	ng	98
74) Fluoranthene	16.49	202	76272	11.45	ng	97
77) Pyrene	16.79	202	68415	7.93	ng	# 95
80) Benzo(a)anthracene	18.38	228	46152	8.24	ng	98
82) Chrysene	18.42	228	43579	7.41	ng	99
85) Indeno(1,2,3-cd)pyrene	21.23	276	20590	4.61	ng	# 88
87) Benzo(b)fluoranthene	19.65	252	54688m	10.31	ng	
88) Benzo(k)fluoranthene	19.66	252	28027m	5.24	ng	
89) Benzo(a)pyrene	19.99	252	41899	8.43	ng	# 93
91) Benzo(g,h,i)perylene	21.58	276	20186	4.25	ng	95

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

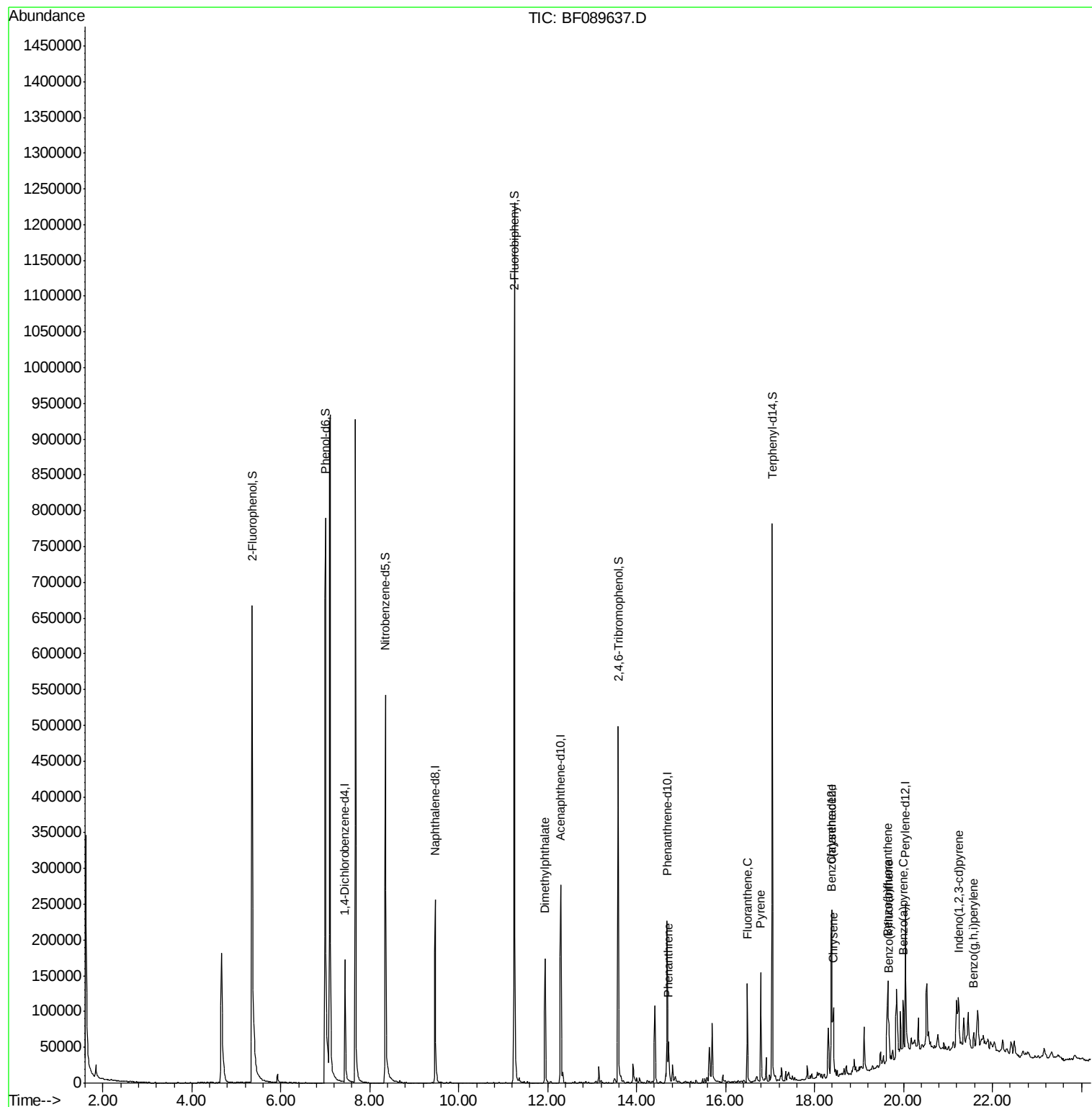
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089637.D
Acq On : 5 Aug 2016 18:52
Operator : UM/SJ
Sample : H4292-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

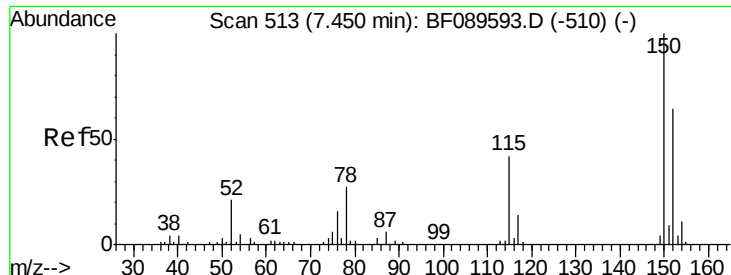
Instrument :
BNA_F
ClientSampleId :
SS11-0-2IN

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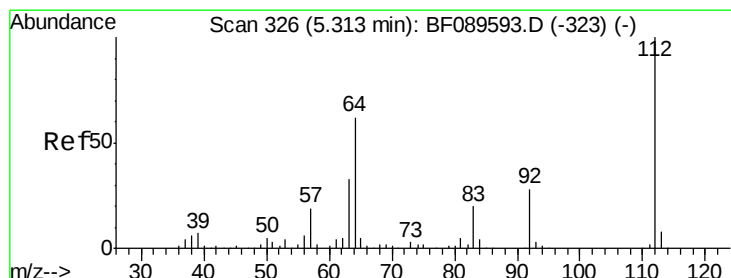
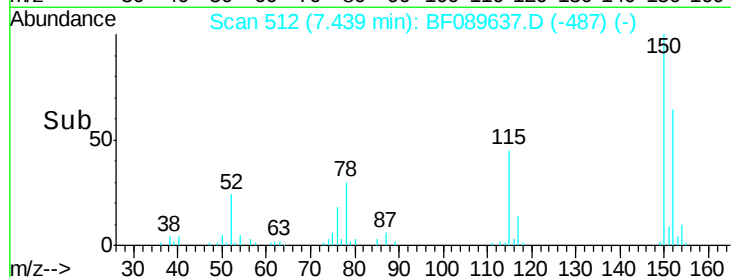
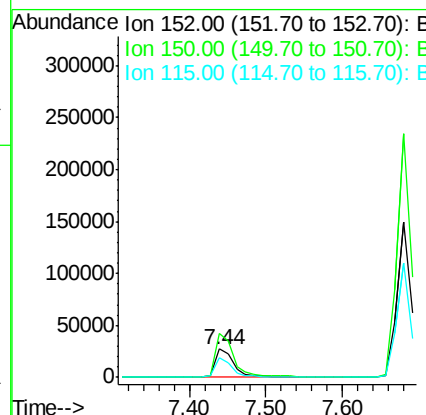
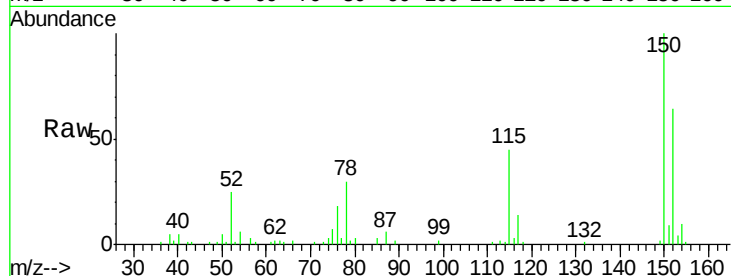
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF089637.D
 Acq: 5 Aug 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SS11-0-2IN

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.5	188.3
115	70.8	52.0	78.0

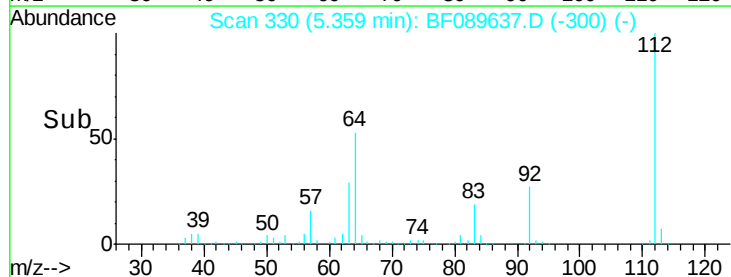
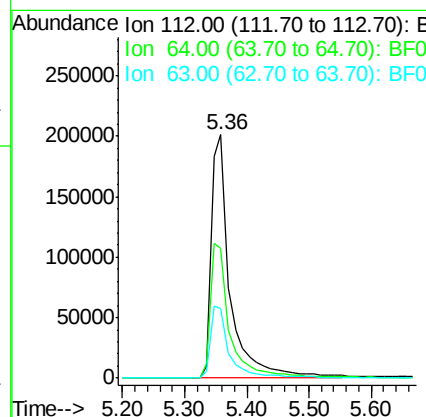
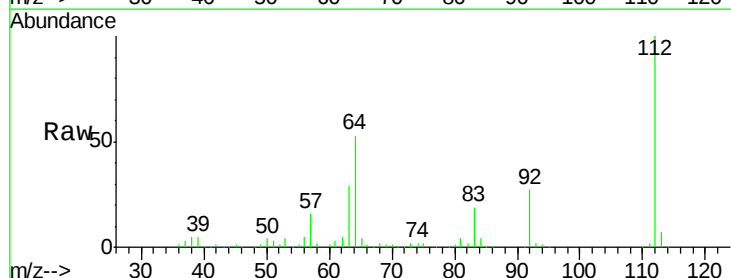
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#5
 2-Fluorophenol
 Concen: 147.97 ng
 RT: 5.36 min Scan# 330
 Delta R.T. 0.05 min
 Lab File: BF089637.D
 Acq: 5 Aug 2016 18:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	49.9	74.9
63	28.6	26.1	39.1





#7

Phenol-d6

Concen: 146.49 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.02 min

Lab File: BF089637.D

Acq: 5 Aug 2016 18:52

Instrument :

BNA_F

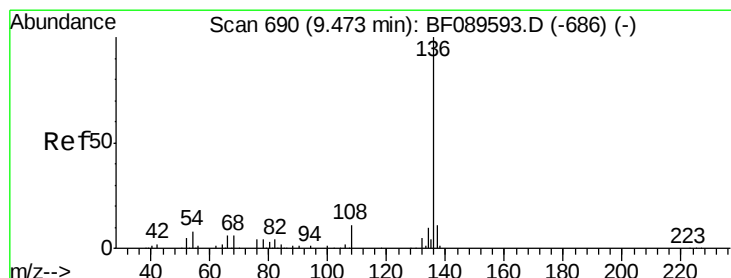
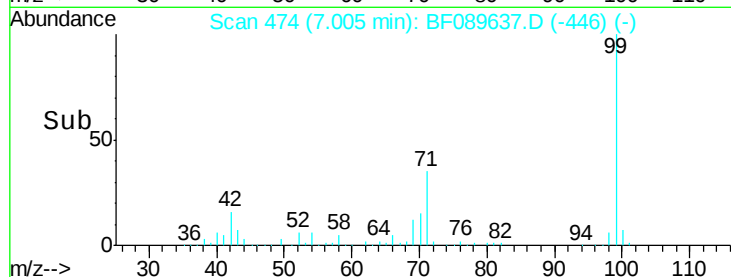
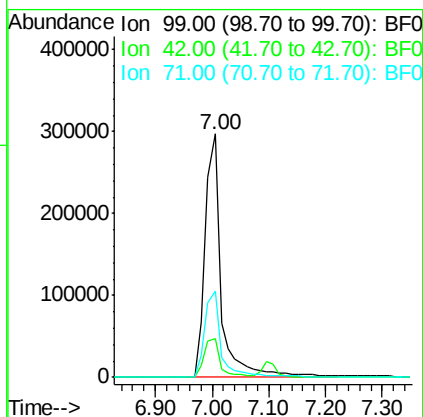
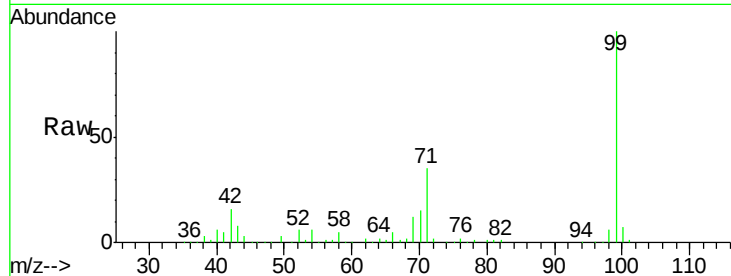
ClientSampleId :

SS11-0-2IN

Tgt Ion:	99	Resp:	569549
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.7	20.5
71	35.4	29.0	43.4

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#21

Naphthalene-d8

Concen: 20.00 ng

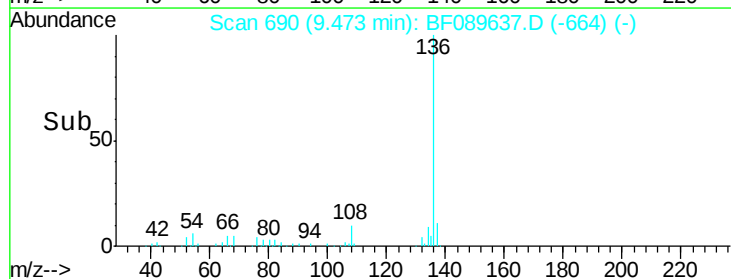
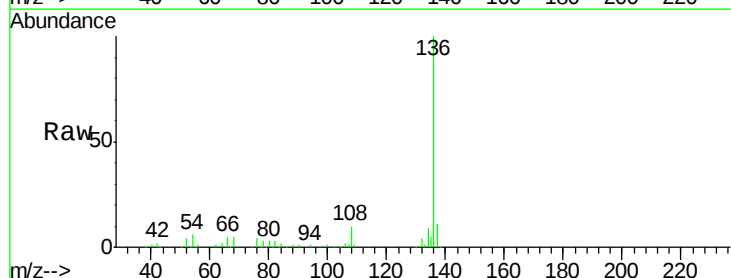
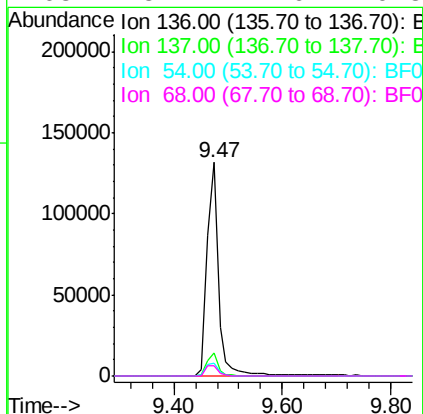
RT: 9.47 min Scan# 690

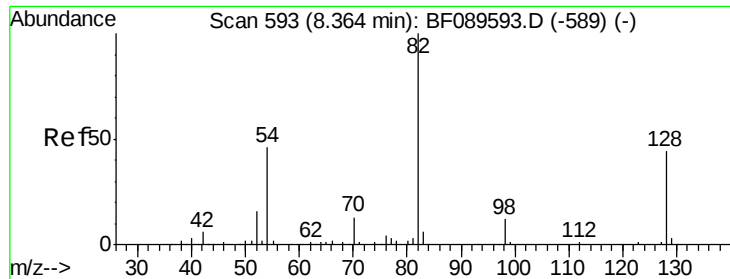
Delta R.T. 0.00 min

Lab File: BF089637.D

Acq: 5 Aug 2016 18:52

Tgt Ion:	136	Resp:	195685
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	12.8
54	6.2	6.0	9.0
68	5.1	4.6	6.8





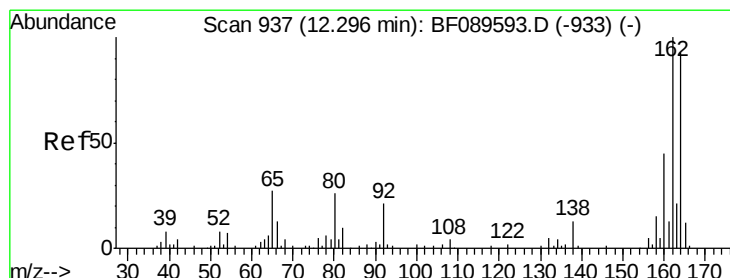
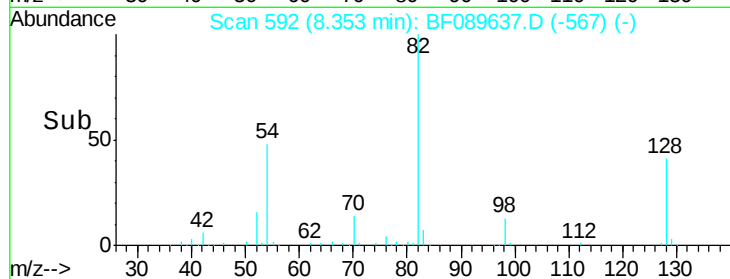
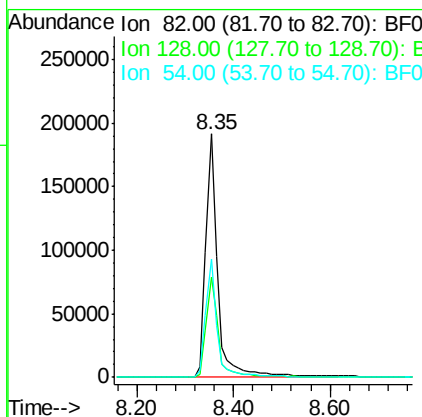
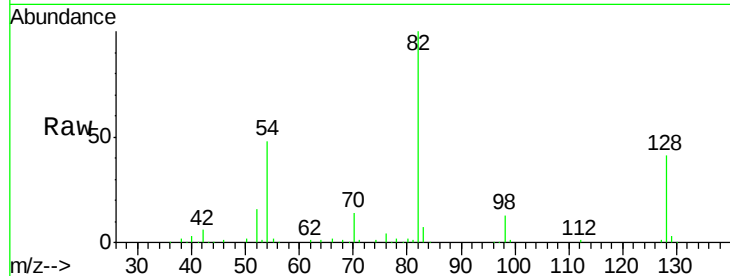
#23
 Nitrobenzene-d5
 Concen: 94.73 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089637.D
 Acq: 5 Aug 2016 18:52

Instrument :
 BNA_F
 ClientSampled :
 SS11-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	335139		
128	41.3	35.4	53.0	
54	48.4	36.4	54.6	

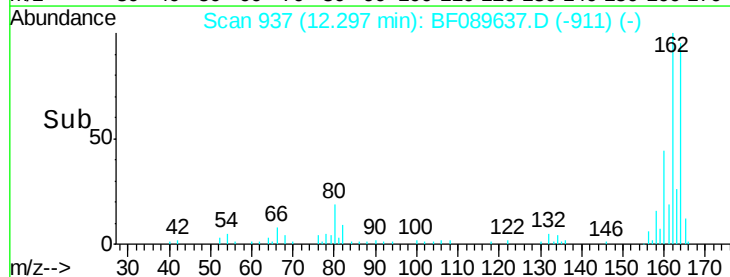
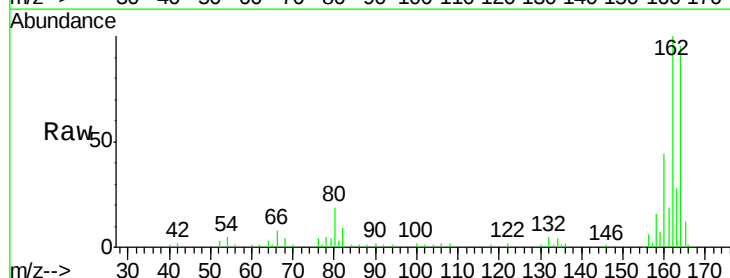
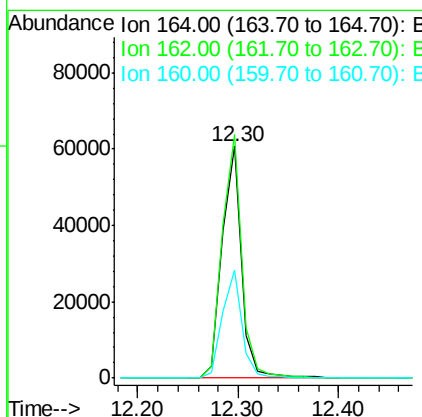
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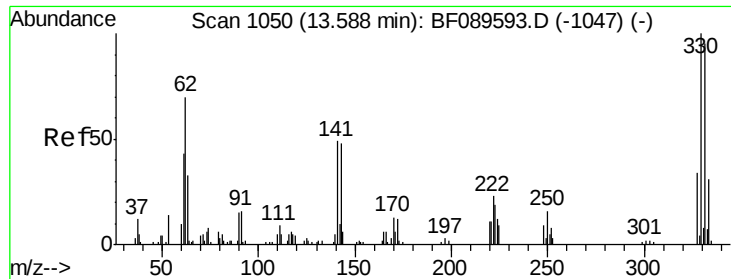
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089637.D
 Acq: 5 Aug 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	81151		
162	104.9	85.7	128.5	
160	46.4	38.2	57.4	





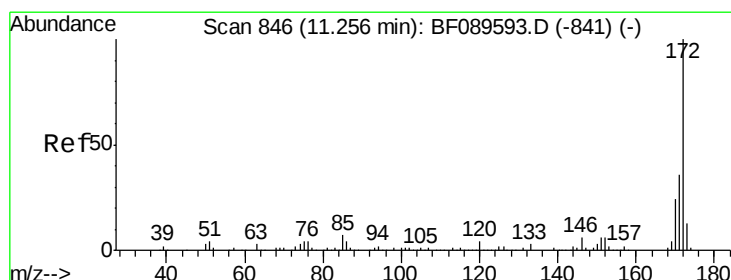
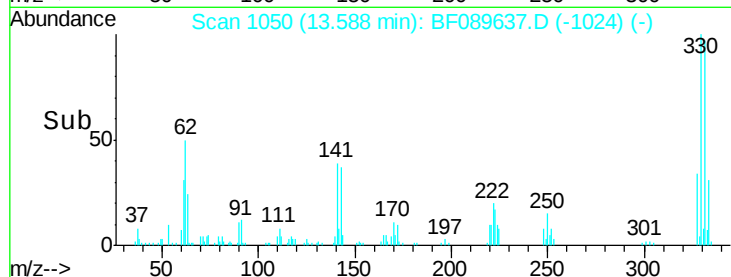
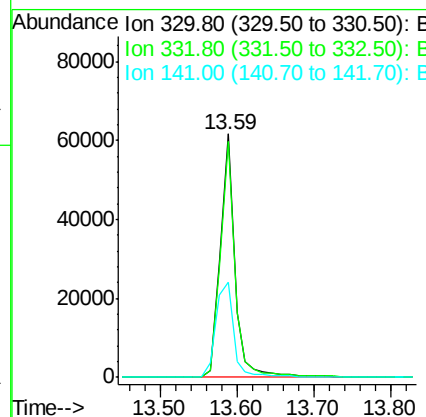
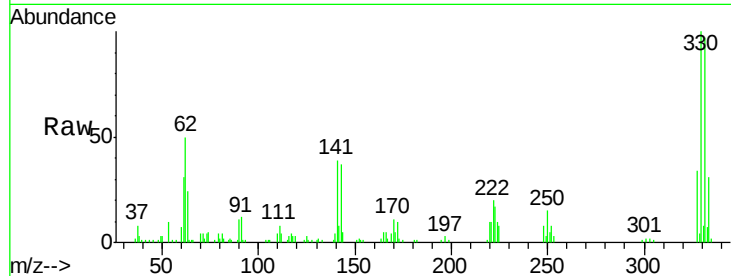
#41
 2,4,6-Tribromophenol
 Concen: 123.35 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089637.D
 Acq: 5 Aug 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SS11-0-2IN

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	47.1	38.6	57.8

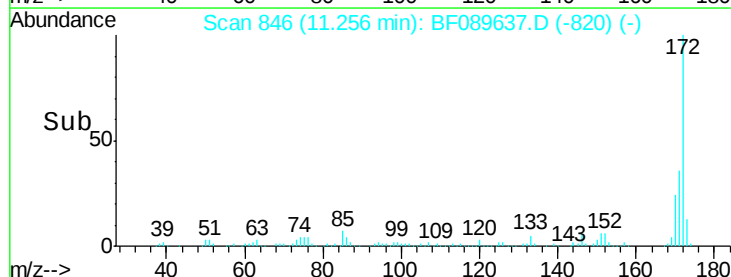
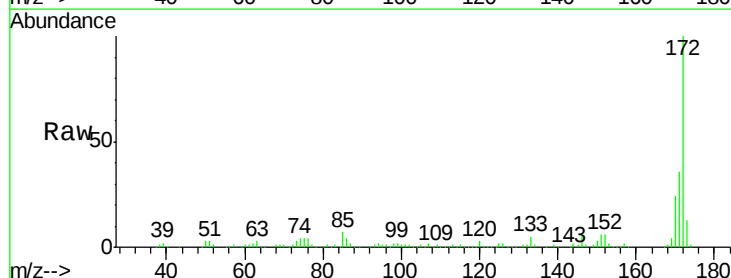
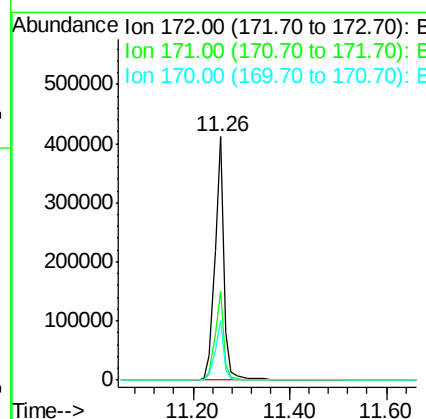
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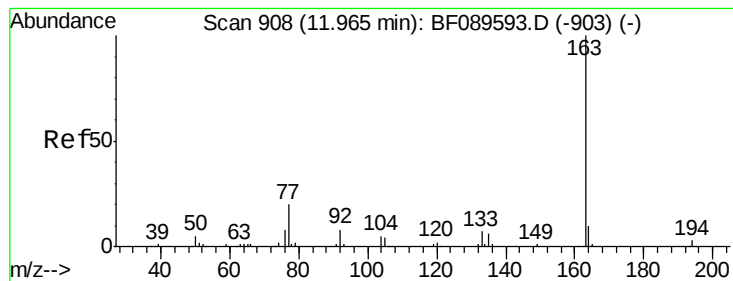
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#44
 2-Fluorobiphenyl
 Concen: 88.70 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089637.D
 Acq: 5 Aug 2016 18:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.2	19.0	28.6





#49

Dimethylphthalate

Concen: 16.37 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089637.D

Acq: 5 Aug 2016 18:52

Instrument :

BNA_F

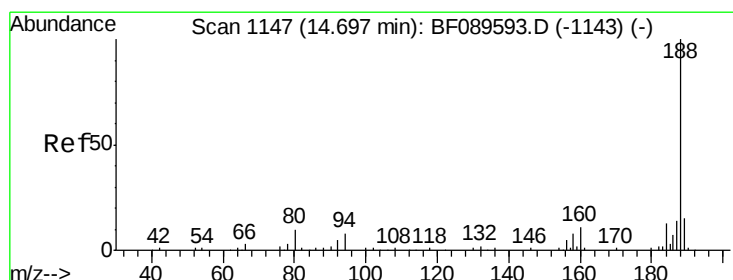
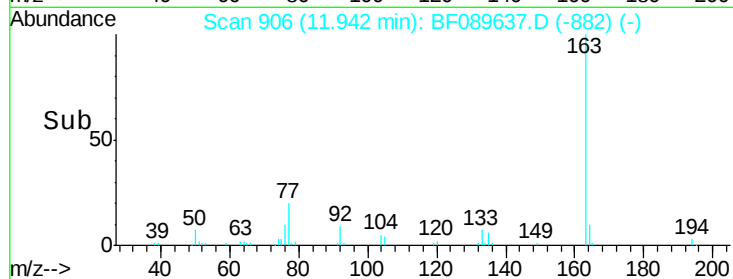
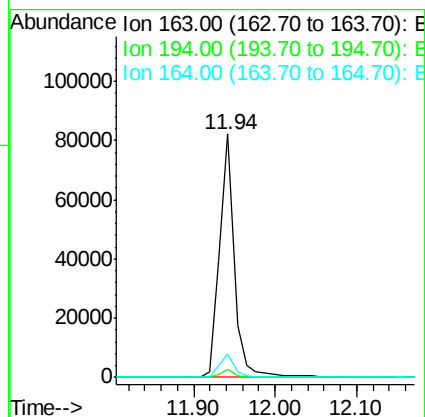
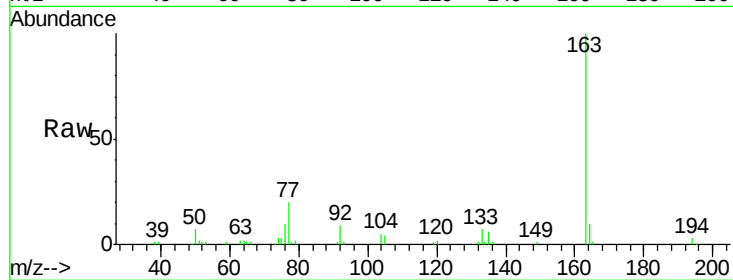
ClientSampled :

SS11-0-2IN

Tgt Ion:	163	Resp:	104105
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	9.9	7.8	11.6

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#63

Phenanthrene-d10

Concen: 20.00 ng

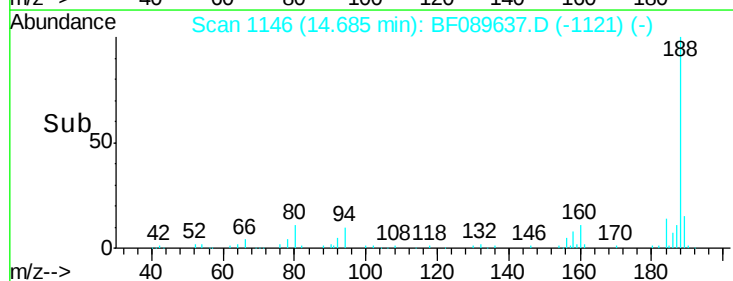
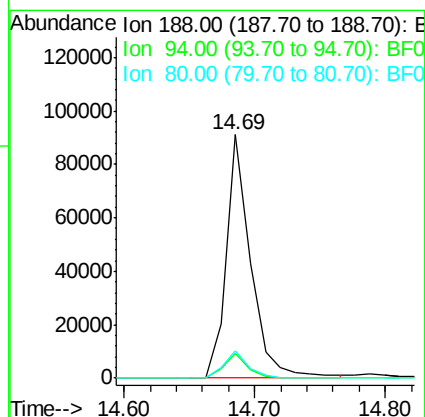
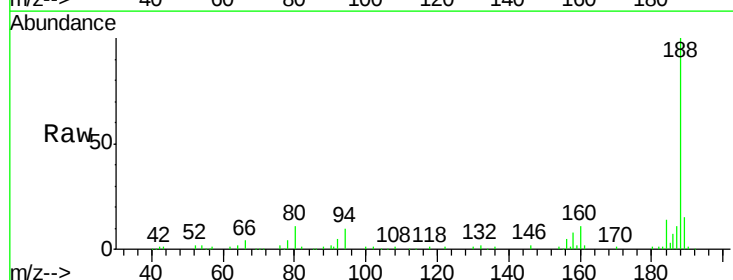
RT: 14.69 min Scan# 1146

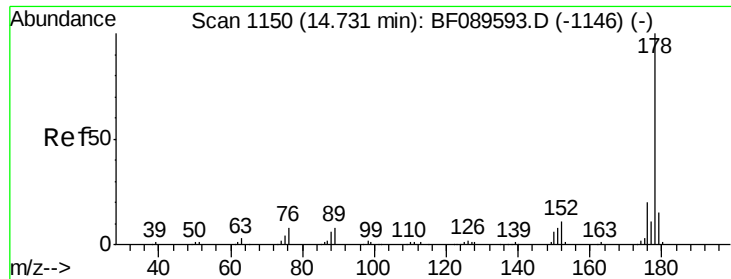
Delta R.T. -0.01 min

Lab File: BF089637.D

Acq: 5 Aug 2016 18:52

Tgt Ion:	188	Resp:	119209
Ion Ratio	Lower	Upper	
188	100		
94	10.0	6.5	9.7#
80	11.2	8.0	12.0





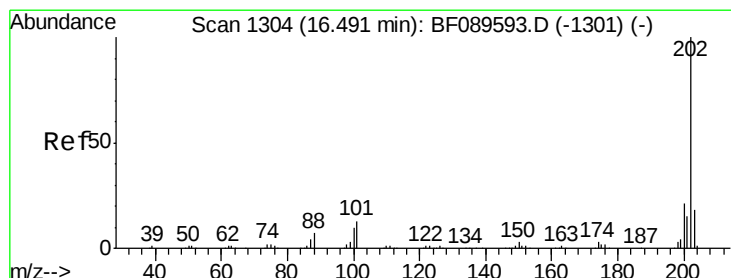
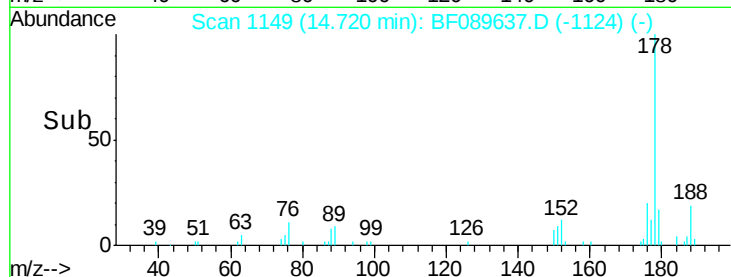
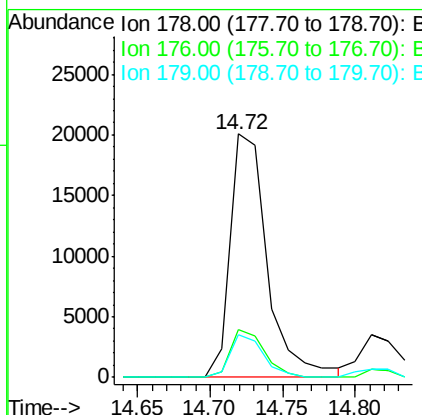
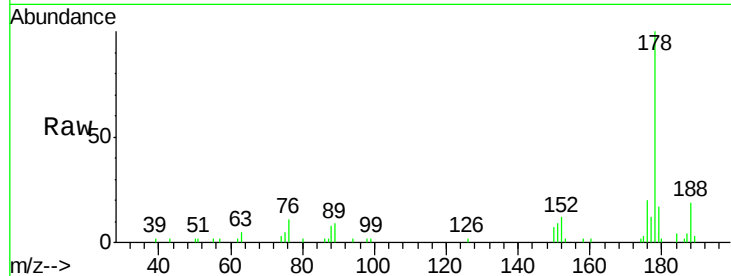
#70
Phenanthrene
Concen: 5.53 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF089637.D
Acq: 5 Aug 2016 18:52

Instrument :
BNA_F
ClientSampled :
SS11-0-2IN

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	17.3	12.2	18.2

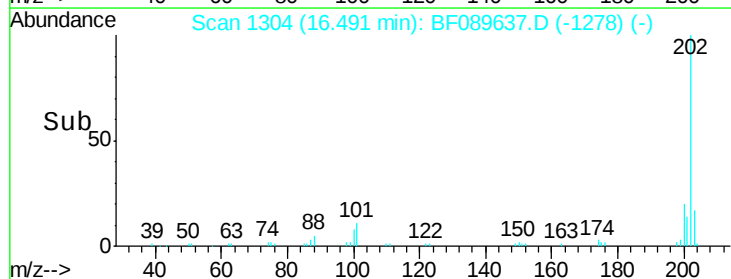
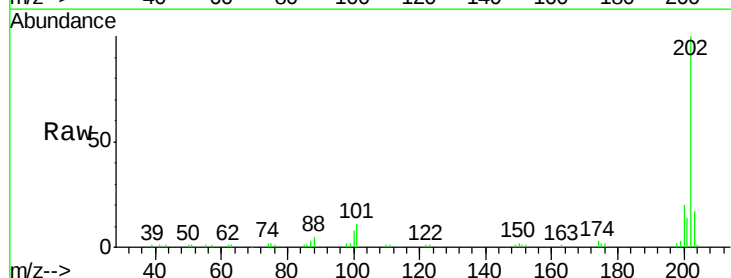
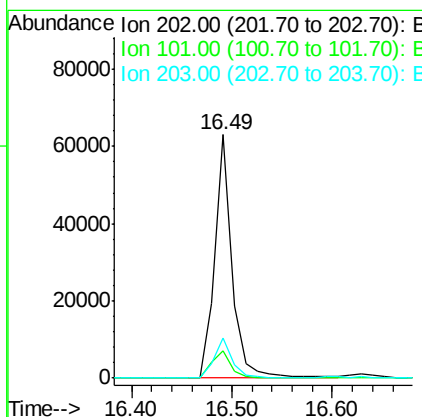
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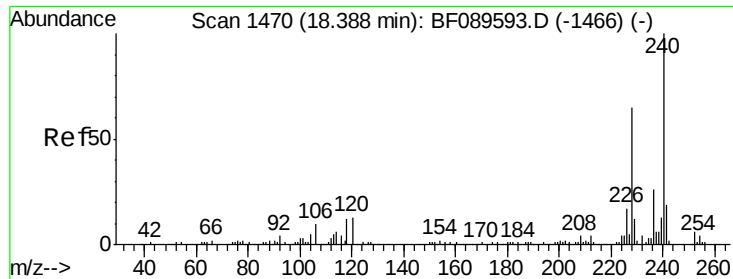
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#74
Fluoranthene
Concen: 11.45 ng
RT: 16.49 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF089637.D
Acq: 5 Aug 2016 18:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.7
203	16.5	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.39 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF089637.D

Acq: 5 Aug 2016 18:52

Instrument :

BNA_F

ClientSampleId :

SS11-0-2IN

Tgt Ion:240 Resp: 97530
Ion Ratio Lower Upper

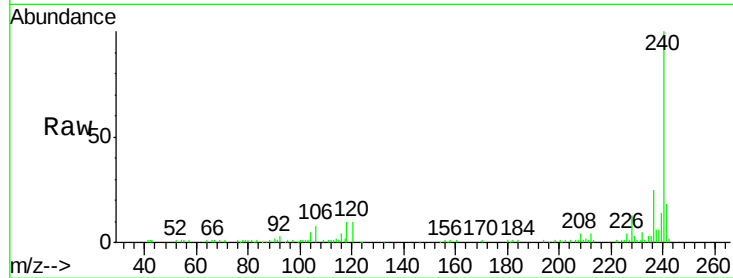
240 100

120 10.4 10.6 15.8#

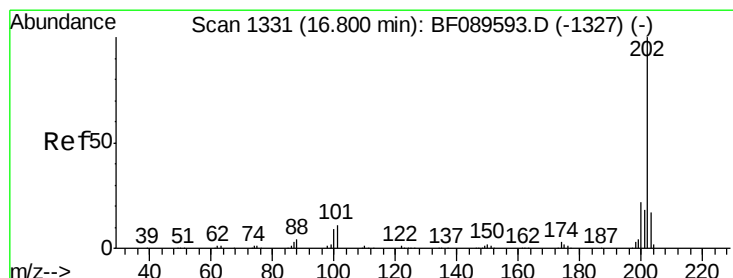
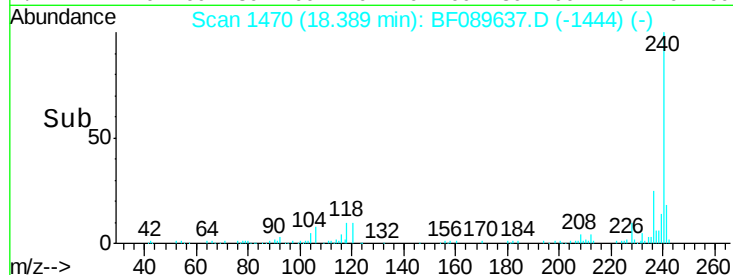
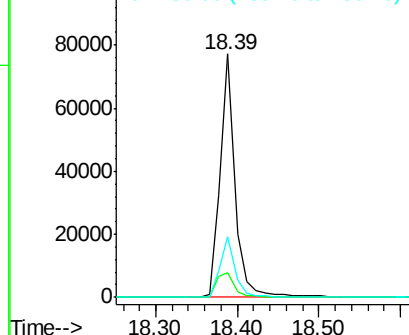
236 24.9 20.6 30.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.93 ng

RT: 16.79 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF089637.D

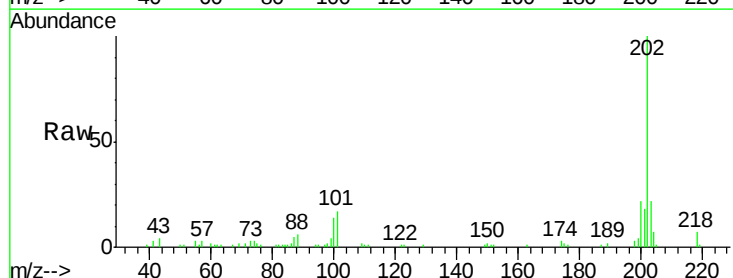
Acq: 5 Aug 2016 18:52

Tgt Ion:202 Resp: 68415
Ion Ratio Lower Upper

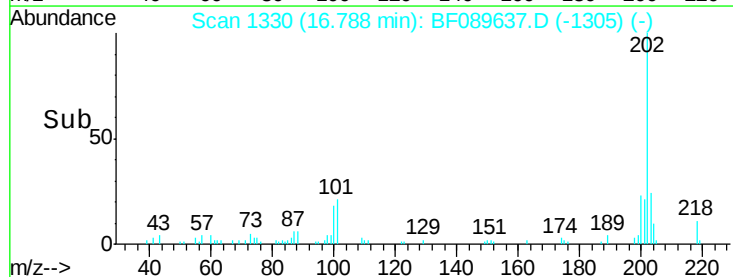
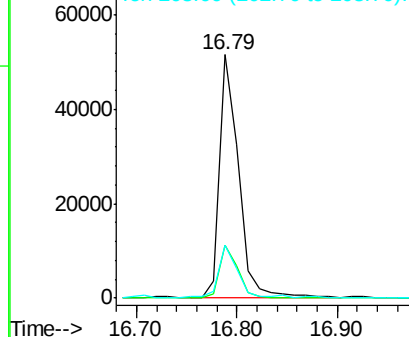
202 100

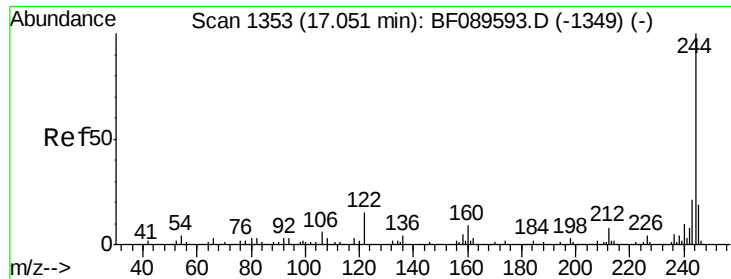
200 22.0 17.4 26.0

203 21.8 13.6 20.4#



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





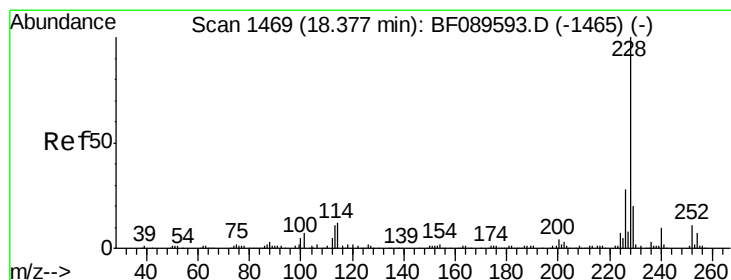
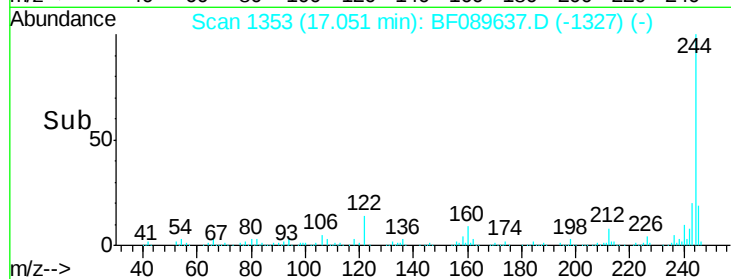
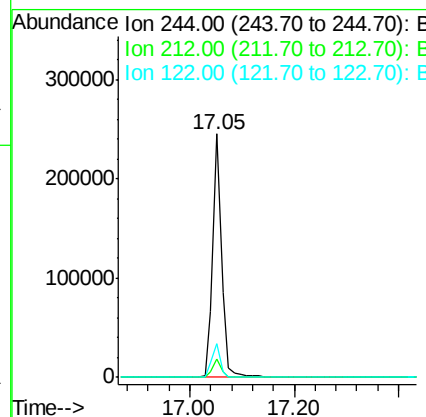
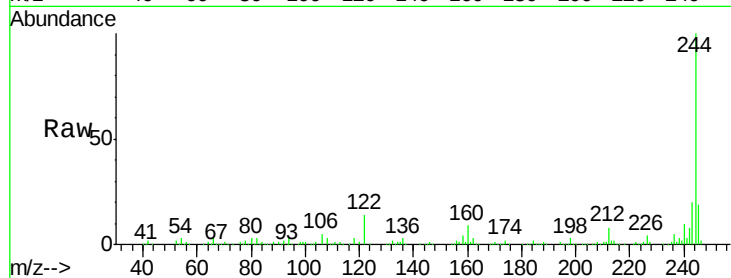
#78
 Terphenyl-d14
 Concen: 59.18 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089637.D
 Acq: 5 Aug 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SS11-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	292363		
212	7.7	6.4	9.6	
122	13.8	12.2	18.2	

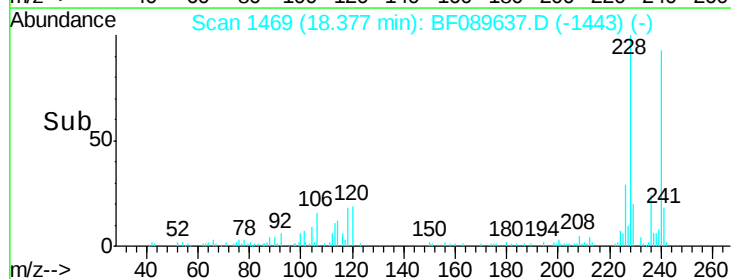
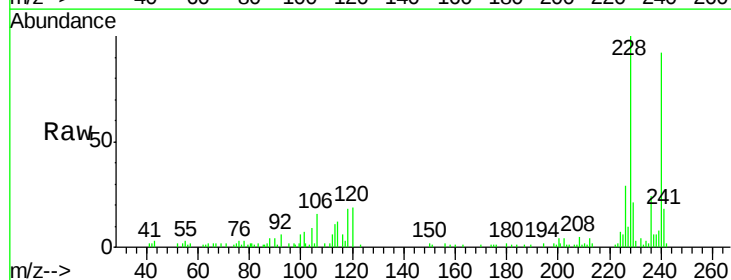
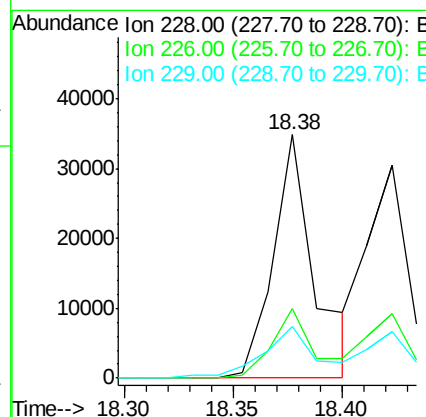
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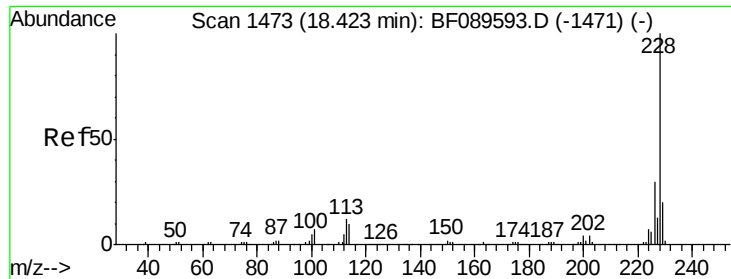
umangi
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#80
 Benzo(a)anthracene
 Concen: 8.24 ng
 RT: 18.38 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF089637.D
 Acq: 5 Aug 2016 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	46152		
226	28.5	22.3	33.5	
229	21.0	15.9	23.9	





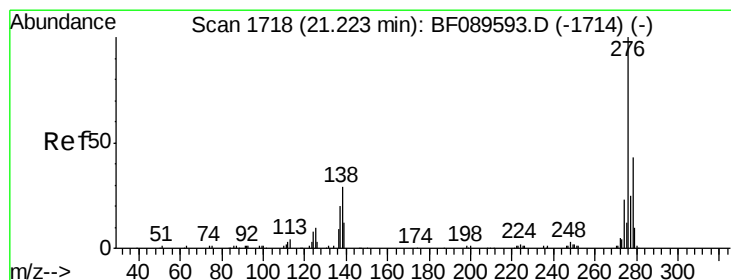
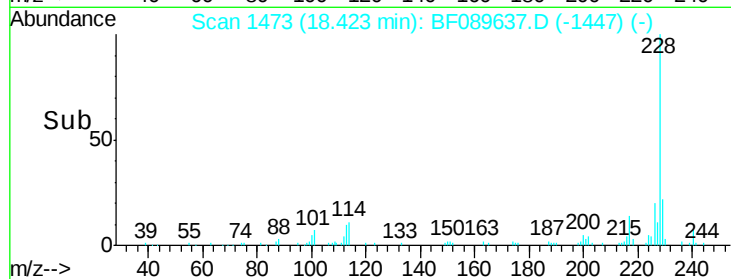
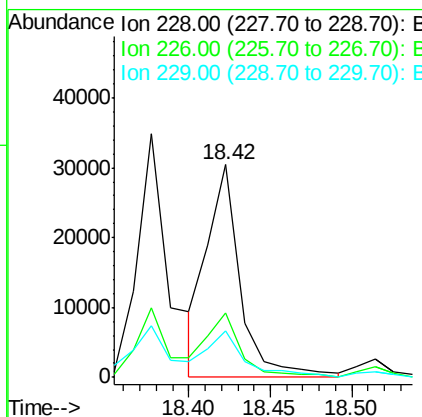
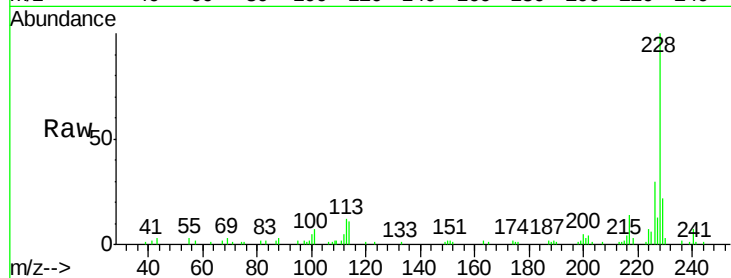
#82
Chrysene
Concen: 7.41 ng
RT: 18.42 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF089637.D
Acq: 5 Aug 2016 18:52

Instrument :
BNA_F
ClientSampleId :
SS11-0-2IN

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	21.6	16.0	24.0

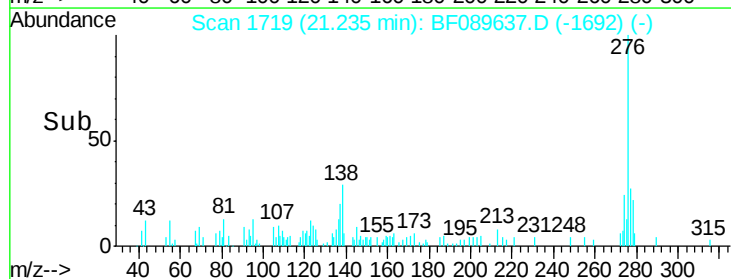
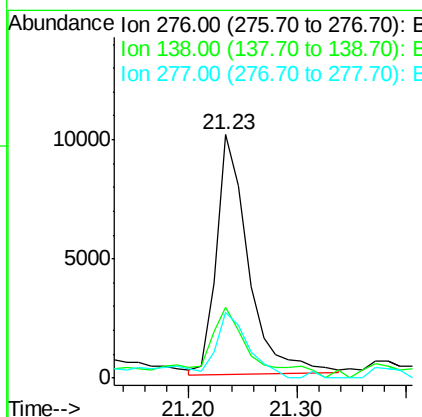
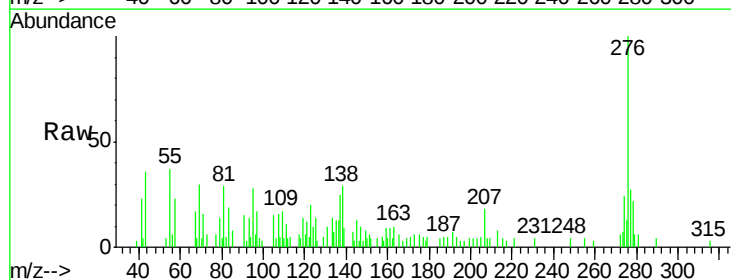
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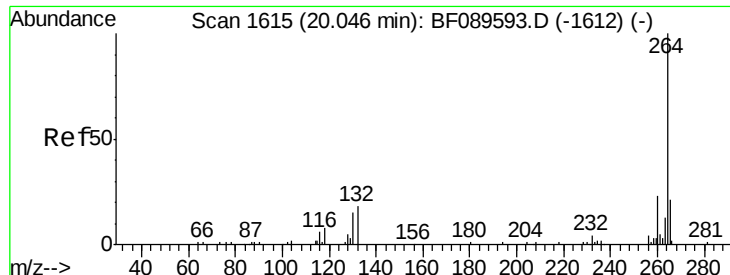
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.61 ng
RT: 21.23 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BF089637.D
Acq: 5 Aug 2016 18:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	40.5	23.8	35.8#
277	26.9	20.3	30.5





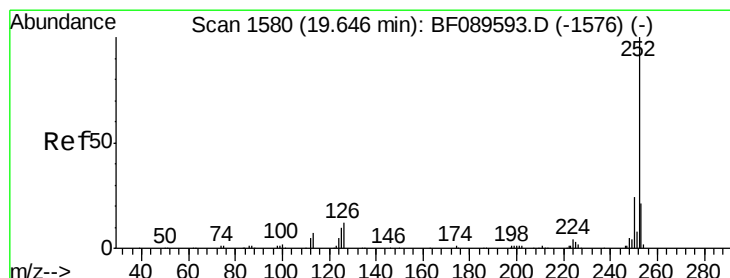
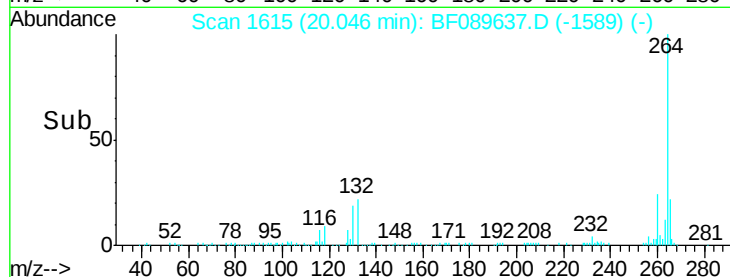
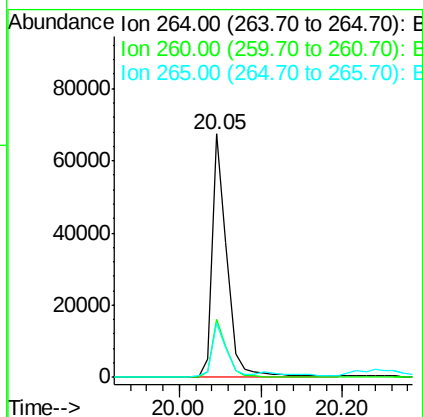
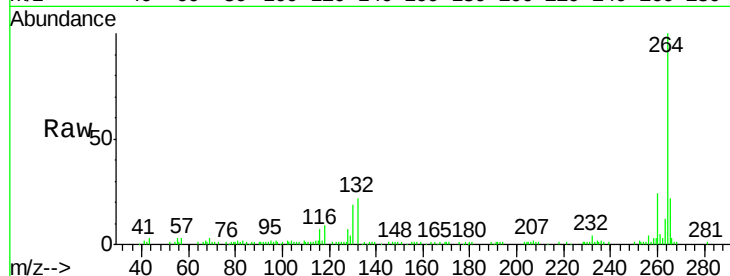
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089637.D
Acq: 5 Aug 2016 18:52

Instrument :
BNA_F
ClientSampleId :
SS11-0-2IN

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.1	16.5	24.7

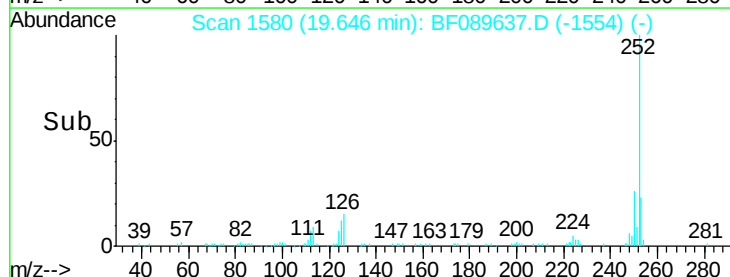
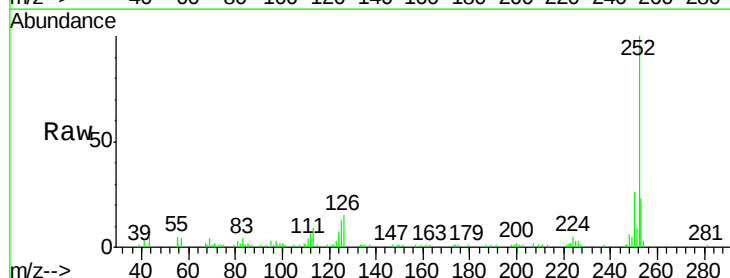
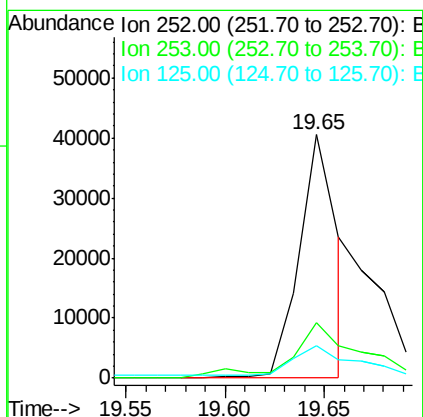
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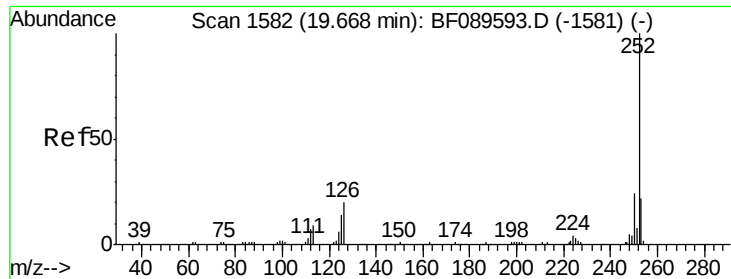
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#87
Benzo(b)fluoranthene
Concen: 10.31 ng m
RT: 19.65 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF089637.D
Acq: 5 Aug 2016 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	13.3	7.8	11.8





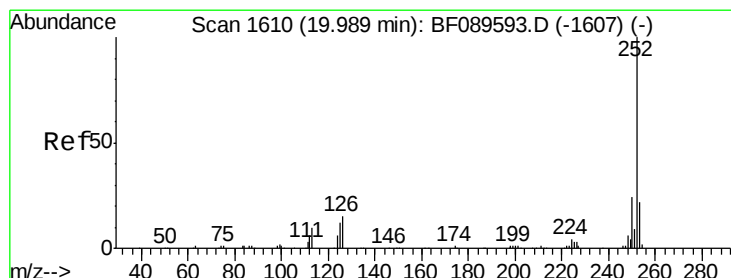
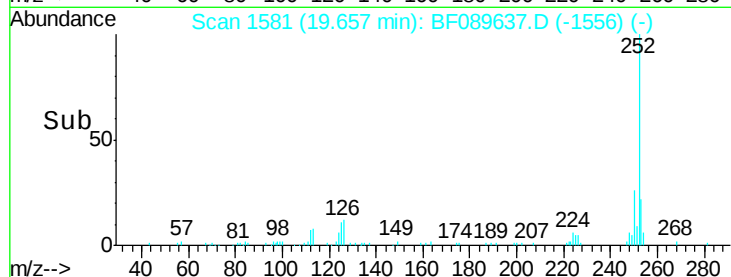
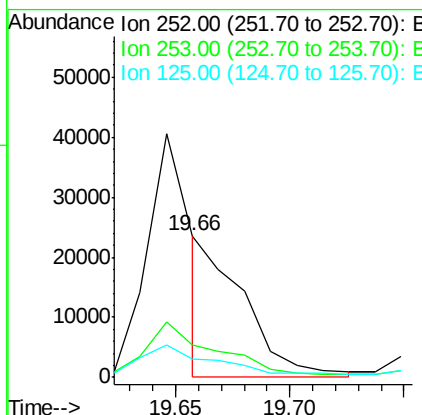
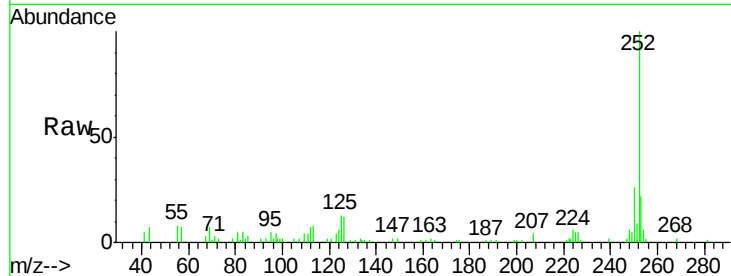
#88
Benzo(k)fluoranthene
Concen: 5.24 ng m
RT: 19.66 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF089637.D
Acq: 5 Aug 2016 18:52

Instrument :
BNA_F
ClientSampled :
SS11-0-2IN

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	12.7	11.0	16.6

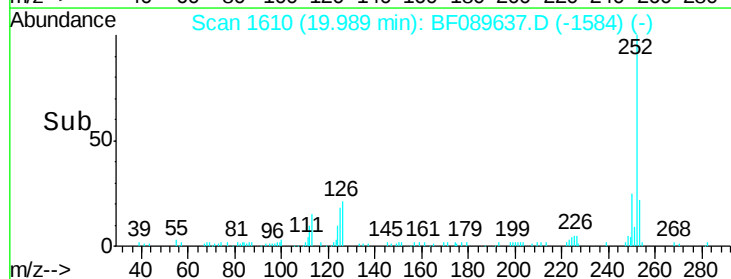
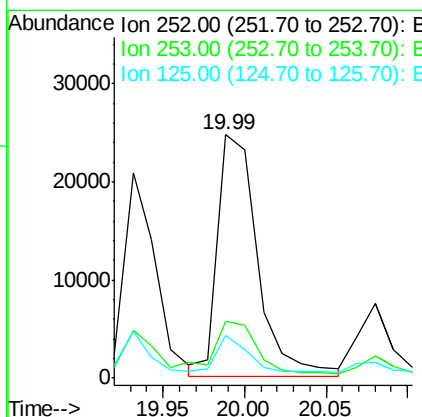
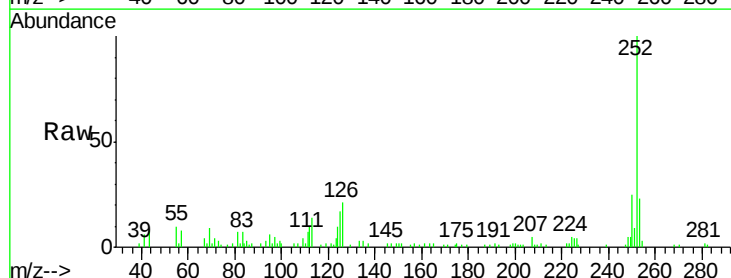
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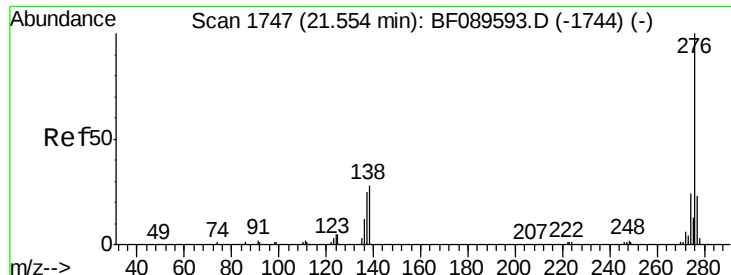
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#89
Benzo(a)pyrene
Concen: 8.43 ng
RT: 19.99 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF089637.D
Acq: 5 Aug 2016 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	17.4	9.9	14.9#





#91
 Benzo(g,h,i)perylene
 Concen: 4.25 ng
 RT: 21.58 min Scan# 1749
 Delta R.T. 0.02 min
 Lab File: BF089637.D
 Acq: 5 Aug 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 SS11-0-2IN

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	28.0
138	24.9	22.6	33.8

Manual Integrations
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