

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089630.D
 Acq On : 5 Aug 2016 14:55
 Operator : UM/SJ
 Sample : H4292-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS7-0-2IN

Manual Integrations
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Quant Time: Aug 05 23:28:20 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	49730	20.00	ng	-0.01
21) Naphthalene-d8	9.46	136	208406	20.00	ng	-0.01
38) Acenaphthene-d10	12.28	164	95916	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	174338	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	102012	20.00	ng	0.00
86) Perylene-d12	20.05	264	101218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	292228	98.49	ng	0.02
7) Phenol-d6	6.98	99	391947	97.38	ng	0.00
23) Nitrobenzene-d5	8.35	82	248376	65.92	ng	-0.01
41) 2,4,6-Tribromophenol	13.58	330	73364	92.69	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	423136	57.33	ng	-0.01
78) Terphenyl-d14	17.05	244	282063	54.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.94	163	139067	18.50	ng	Qvalue 100
70) Phenanthrene	14.72	178	59279	6.25	ng	99
74) Fluoranthene	16.49	202	120649	12.38	ng	97
77) Pyrene	16.79	202	101244	11.23	ng	# 96
80) Benzo(a)anthracene	18.38	228	40380m	6.89	ng	
82) Chrysene	18.42	228	49139m	7.99	ng	
85) Indeno(1,2,3-cd)pyrene	21.23	276	32021	6.86	ng	# 94
87) Benzo(b)fluoranthene	19.65	252	52969m	8.51	ng	
88) Benzo(k)fluoranthene	19.66	252	27183m	4.33	ng	
89) Benzo(a)pyrene	19.99	252	44163	7.58	ng	# 94
91) Benzo(g,h,i)perylene	21.57	276	33457	6.00	ng	96

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

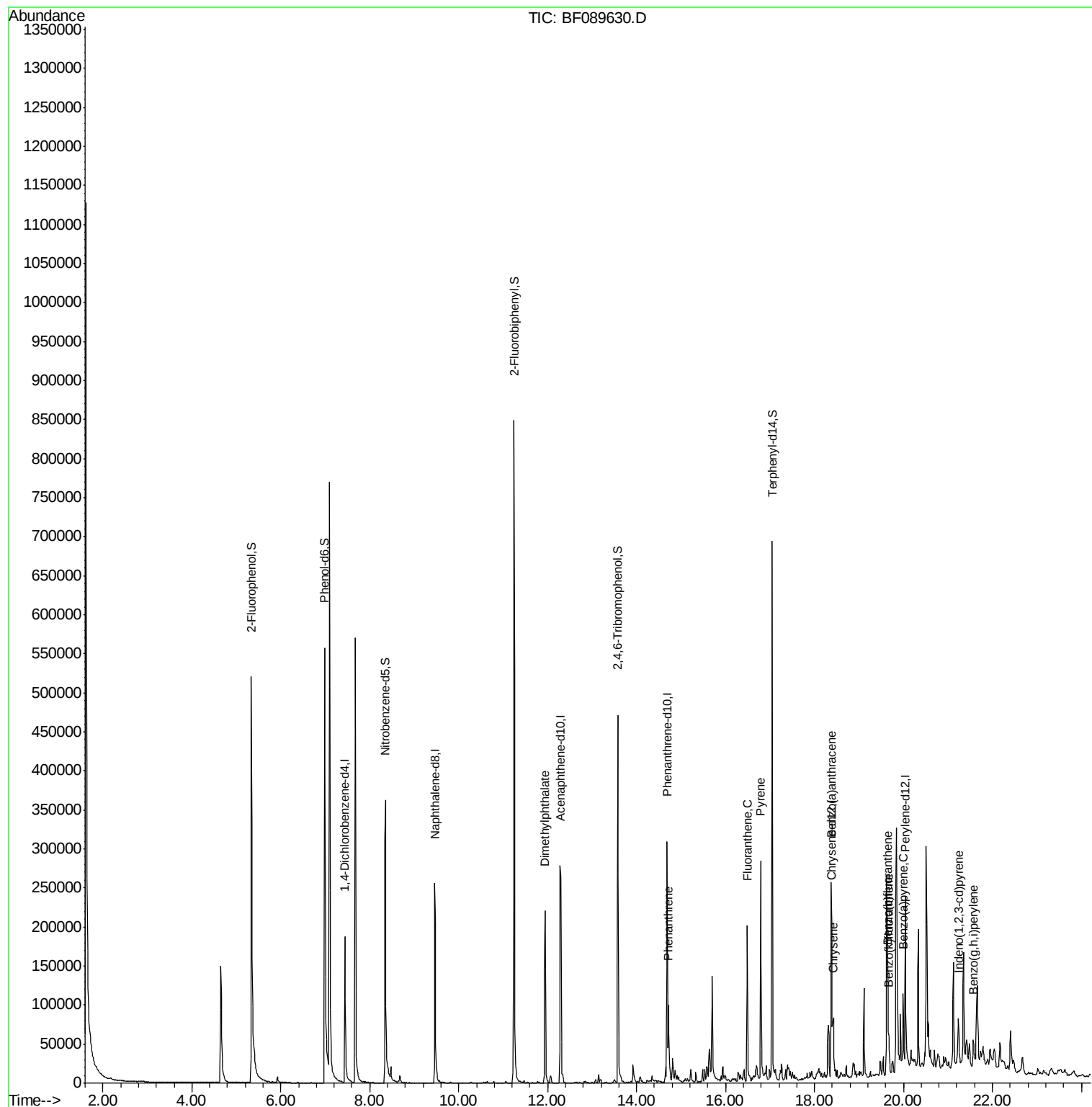
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089630.D
Acq On : 5 Aug 2016 14:55
Operator : UM/SJ
Sample : H4292-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS7-0-2IN

Manual Integrations
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Response via : Initial Calibration





#1

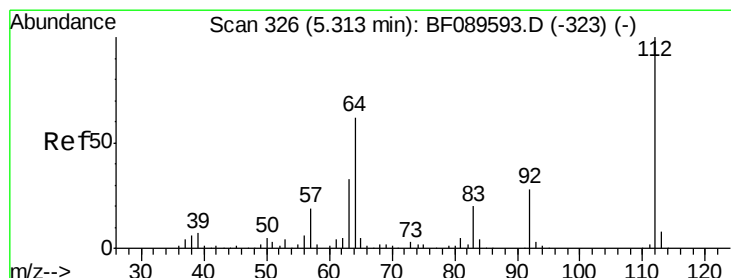
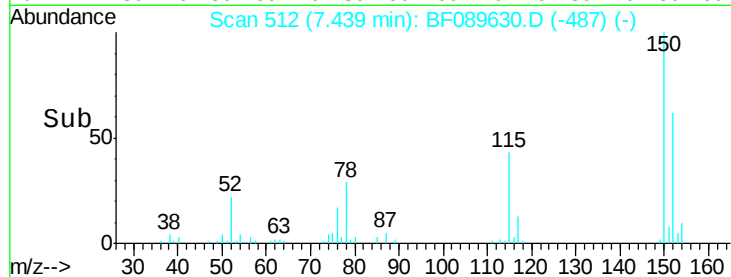
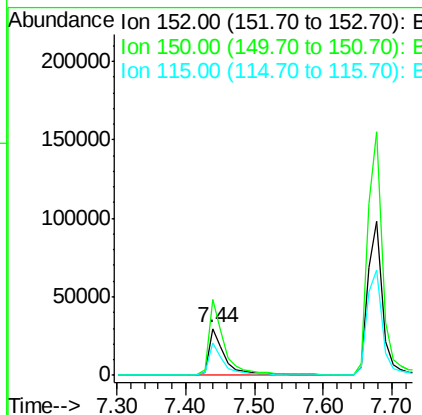
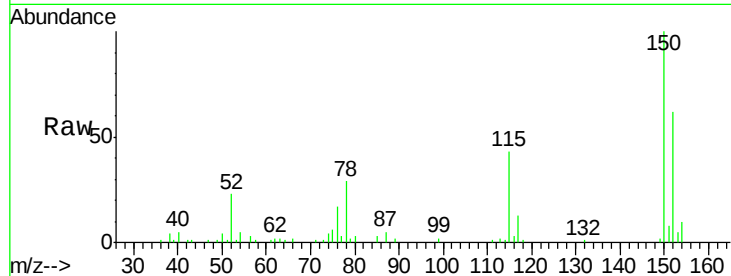
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS7-0-2IN

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.5	188.3
115	69.7	52.0	78.0

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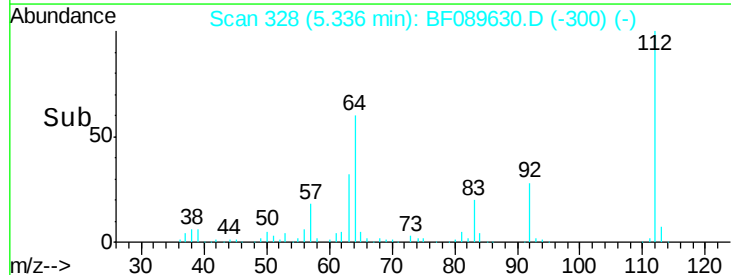
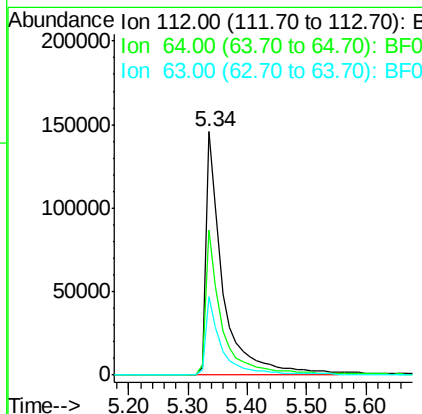
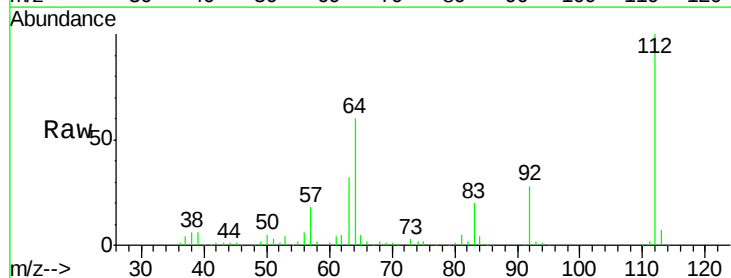
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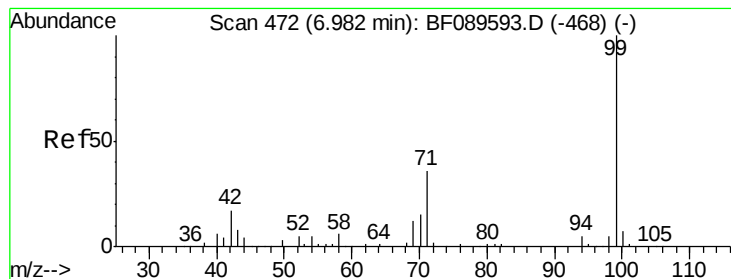


#5

2-Fluorophenol
Concen: 98.49 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	49.9	74.9
63	32.2	26.1	39.1





#7

Phenol-d6

Concen: 97.38 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089630.D

Acq: 5 Aug 2016 14:55

Instrument :

BNA_F

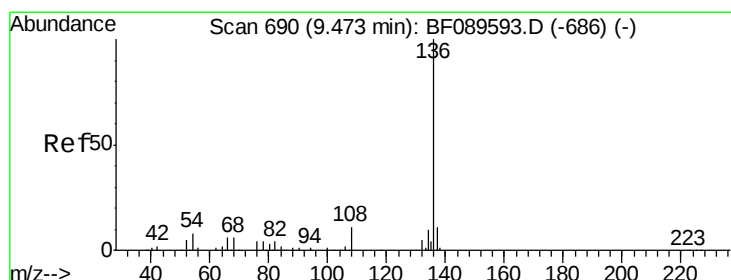
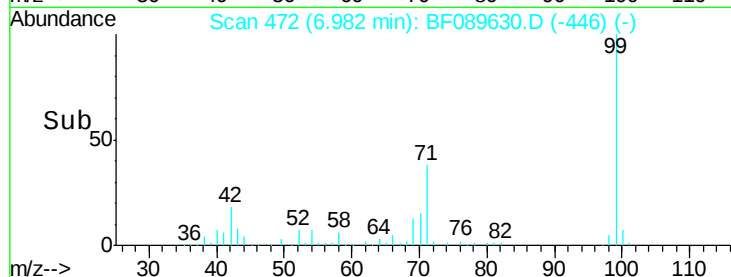
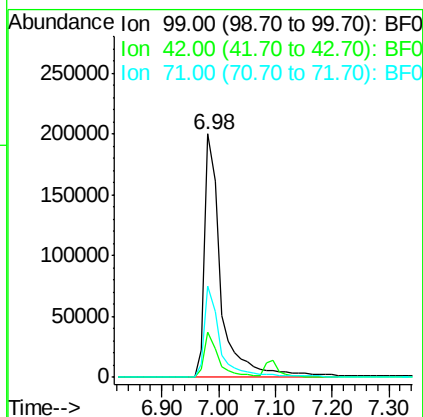
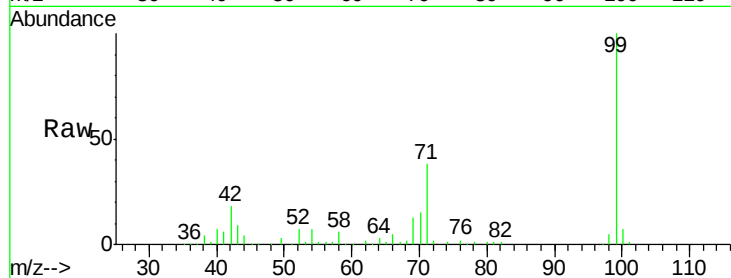
ClientSampled :

SS7-0-2IN

Tgt Ion:	99	Resp:	391947
Ion Ratio	Lower	Upper	
99	100		
42	18.4	13.7	20.5
71	37.7	29.0	43.4

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#21

Naphthalene-d8

Concen: 20.00 ng

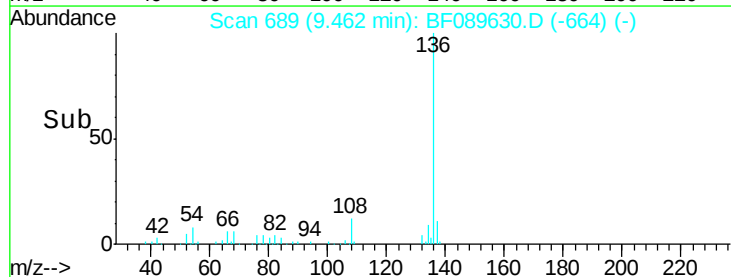
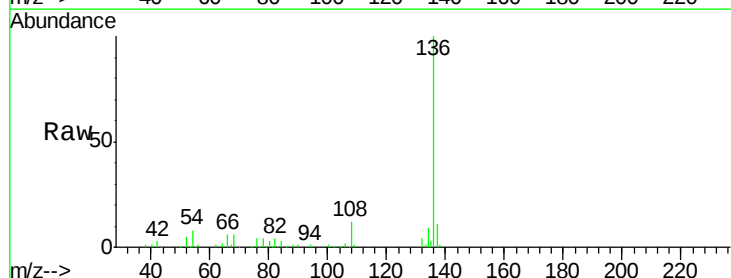
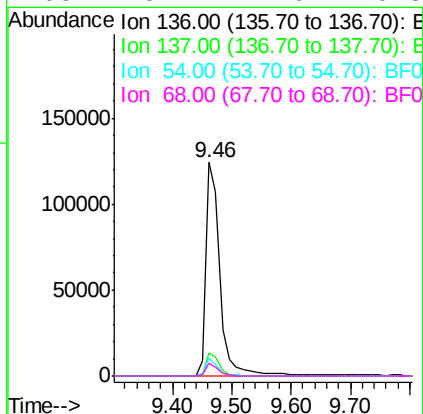
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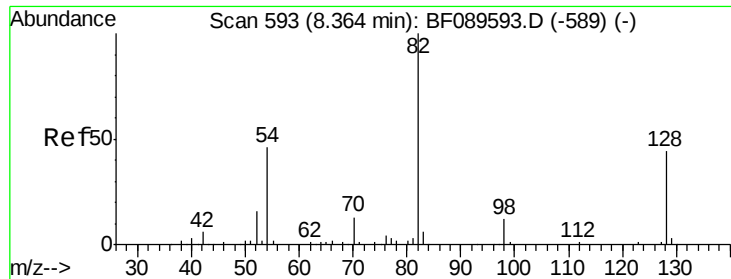
Delta R.T. -0.01 min

Lab File: BF089630.D

Acq: 5 Aug 2016 14:55

Tgt Ion:	136	Resp:	208406
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	8.5	6.0	9.0
68	6.1	4.6	6.8





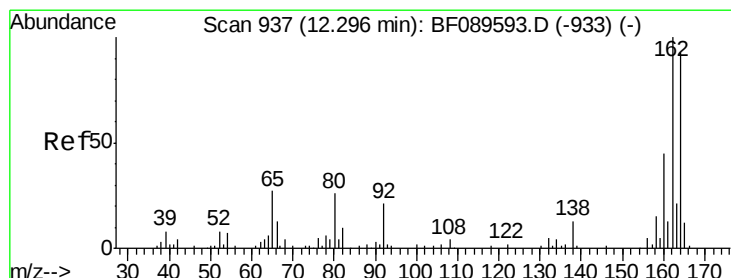
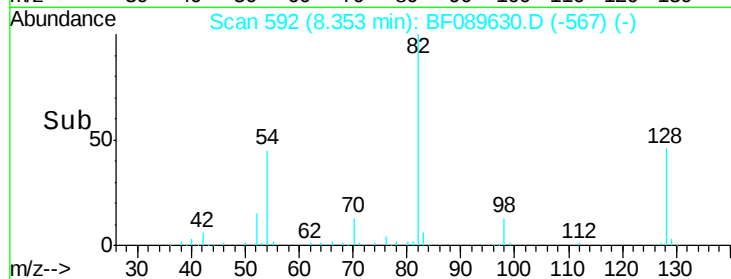
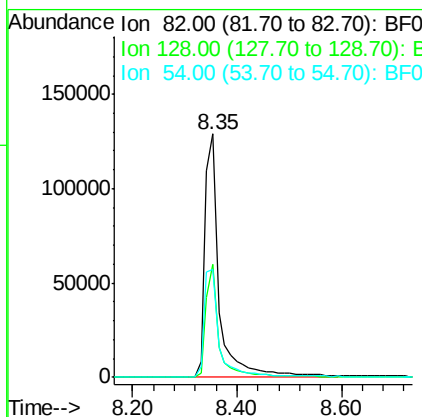
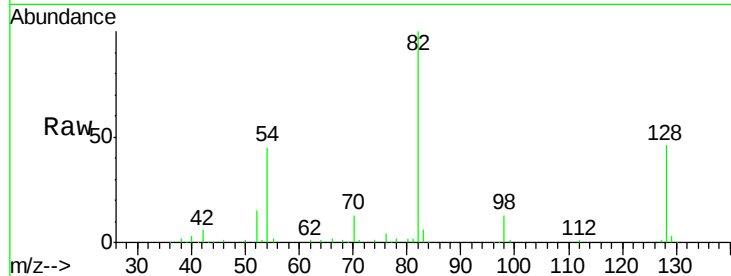
#23
Nitrobenzene-d5
Concen: 65.92 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS7-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	248376		
128	46.3	35.4	53.0	
54	44.5	36.4	54.6	

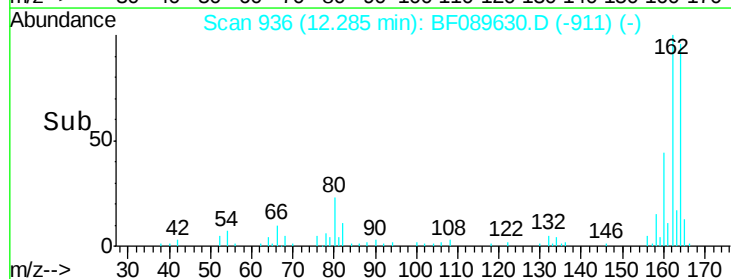
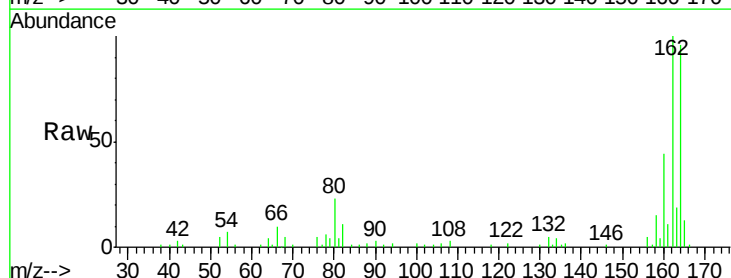
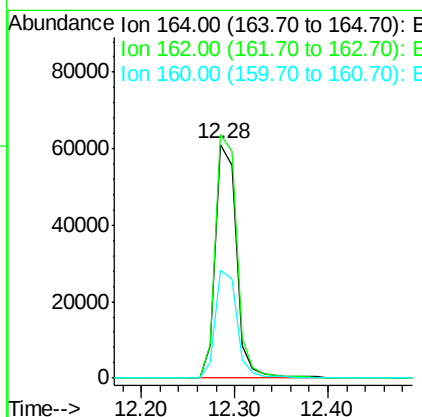
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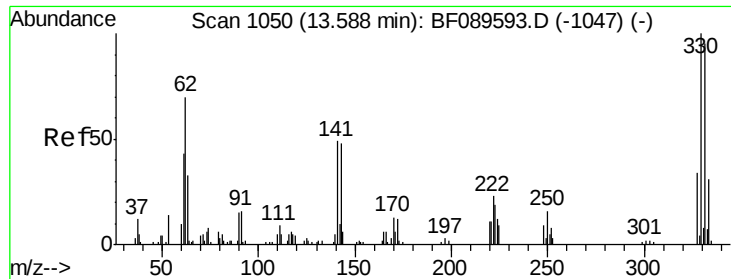
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.28 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	95916		
162	104.0	85.7	128.5	
160	46.1	38.2	57.4	





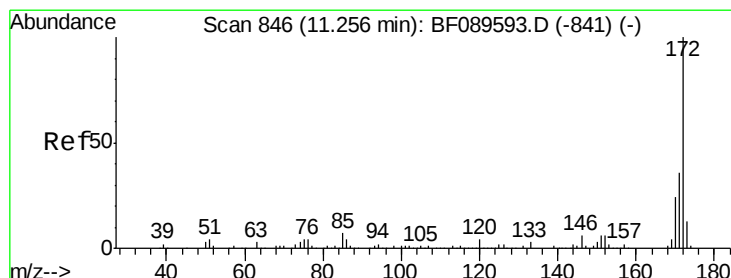
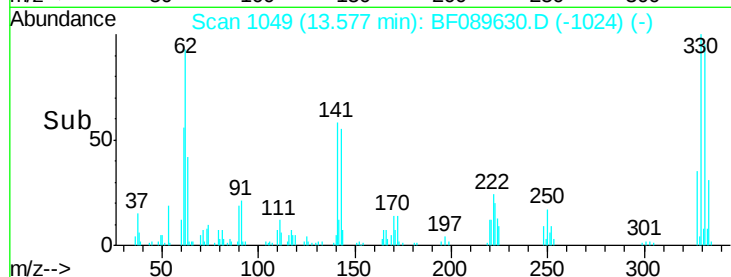
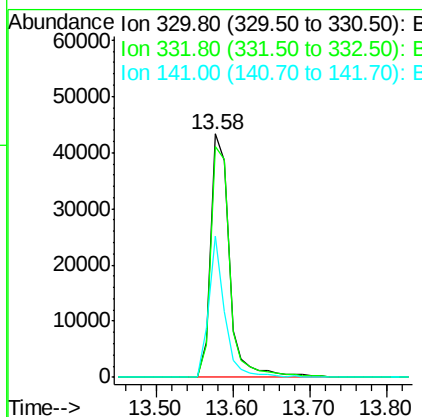
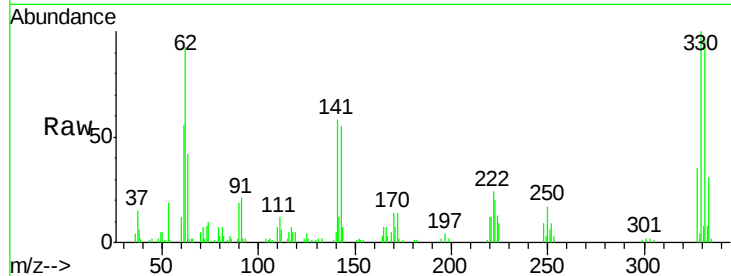
#41
 2,4,6-Tribromophenol
 Concen: 92.69 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Instrument :
 BNA_F
 ClientSampled :
 SS7-0-2IN

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	49.0	38.6	57.8

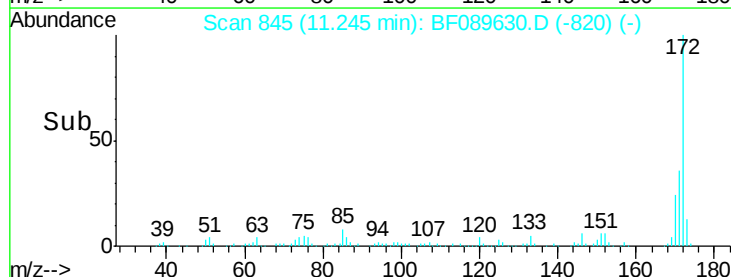
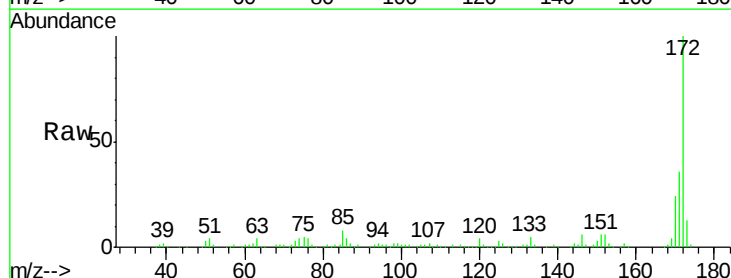
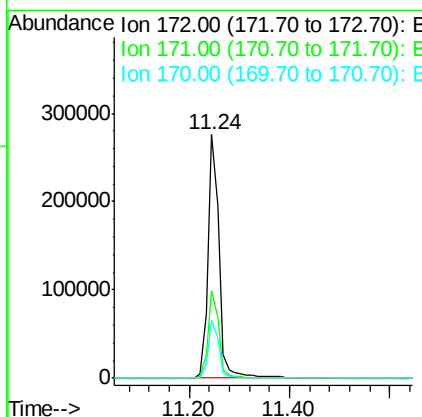
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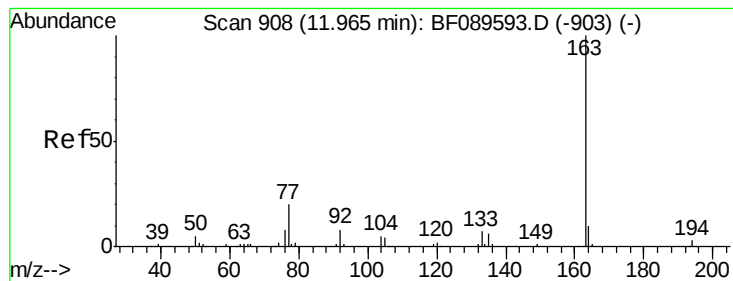
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#44
 2-Fluorobiphenyl
 Concen: 57.33 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.9	19.0	28.6





#49

Dimethylphthalate

Concen: 18.50 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089630.D

Acq: 5 Aug 2016 14:55

Instrument :

BNA_F

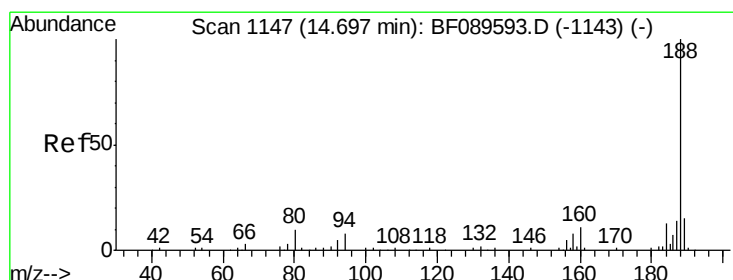
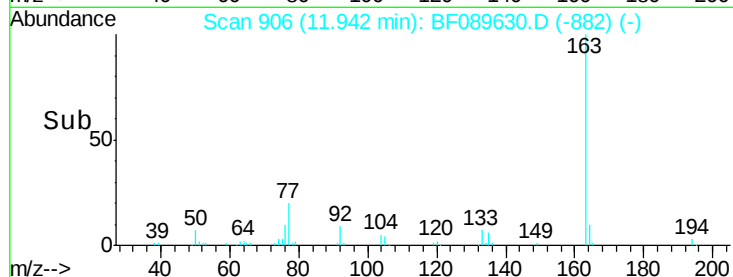
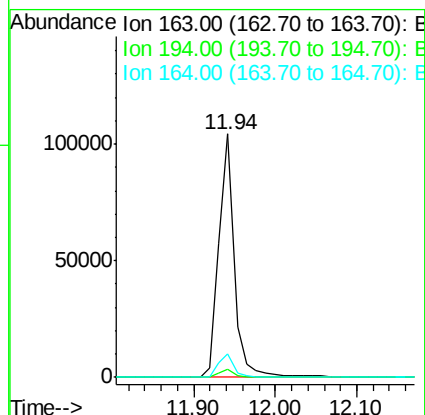
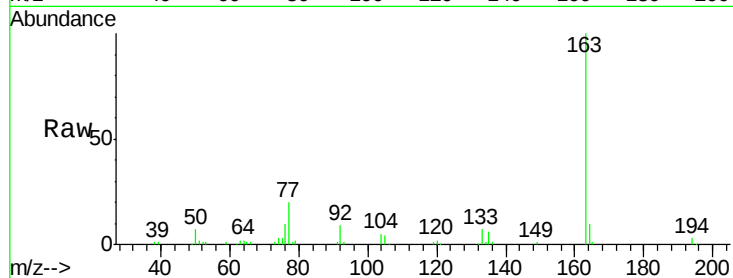
ClientSampleId :

SS7-0-2IN

Tgt Ion:	163	Resp:	139067
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	9.8	7.8	11.6

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#63

Phenanthrene-d10

Concen: 20.00 ng

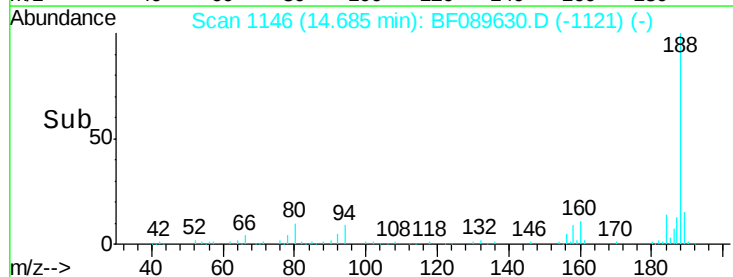
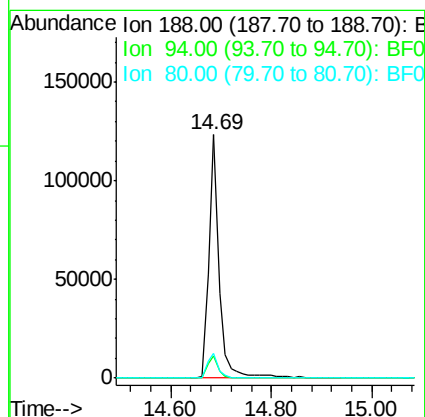
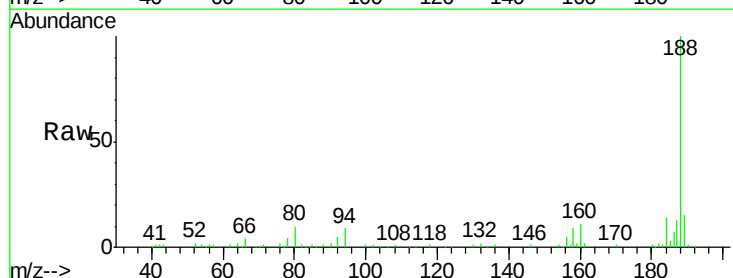
RT: 14.69 min Scan# 1146

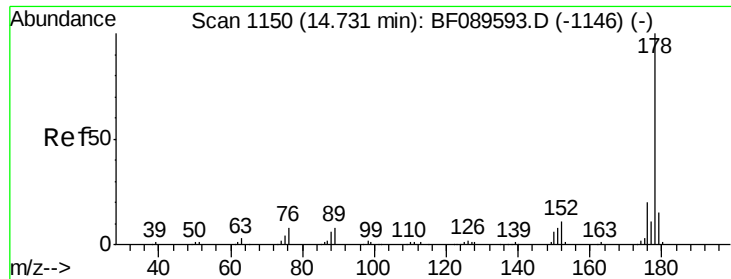
Delta R.T. -0.01 min

Lab File: BF089630.D

Acq: 5 Aug 2016 14:55

Tgt Ion:	188	Resp:	174338
Ion Ratio	Lower	Upper	
188	100		
94	9.2	6.5	9.7
80	10.1	8.0	12.0





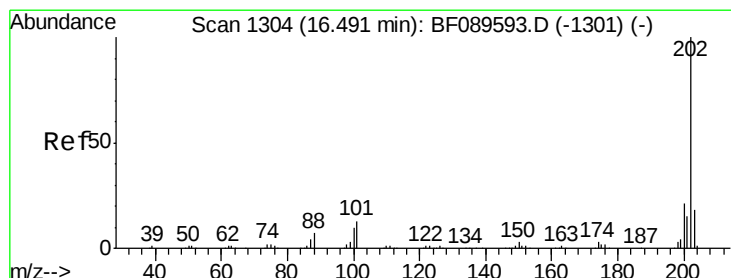
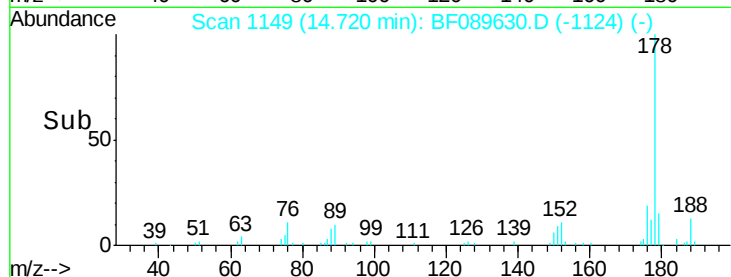
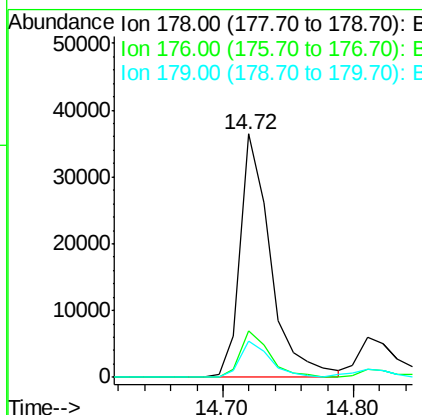
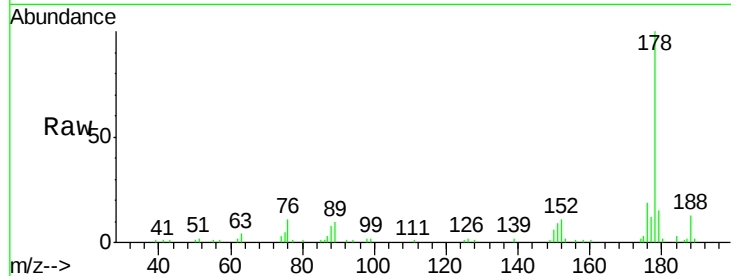
#70
Phenanthrene
Concen: 6.25 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS7-0-2IN

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	14.9	12.2	18.2

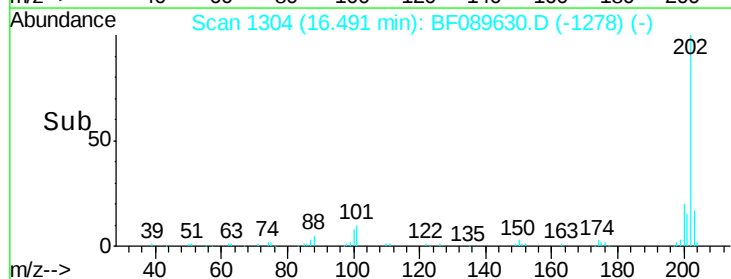
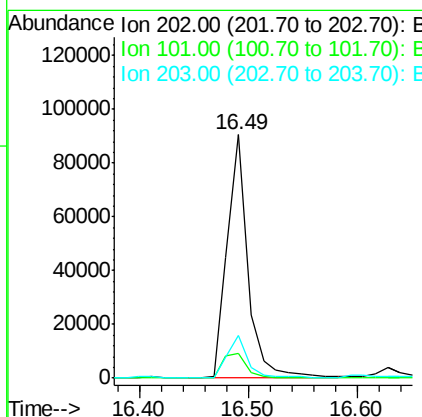
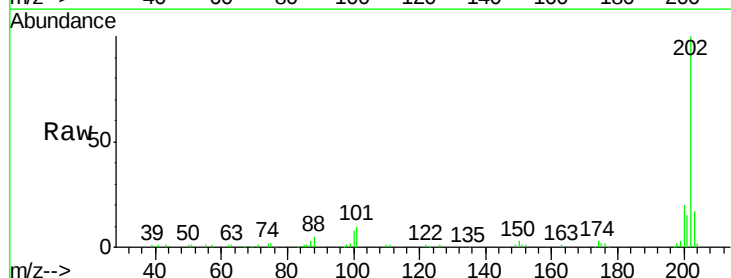
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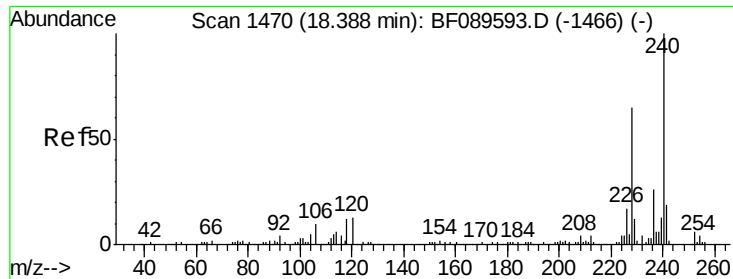
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#74
Fluoranthene
Concen: 12.38 ng
RT: 16.49 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.7
203	17.3	0.0	37.8





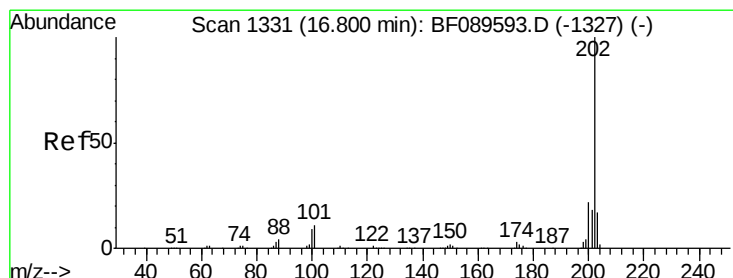
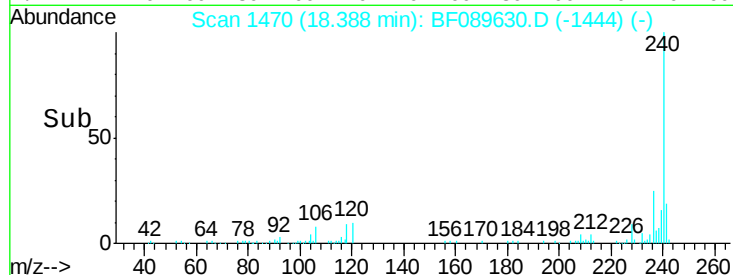
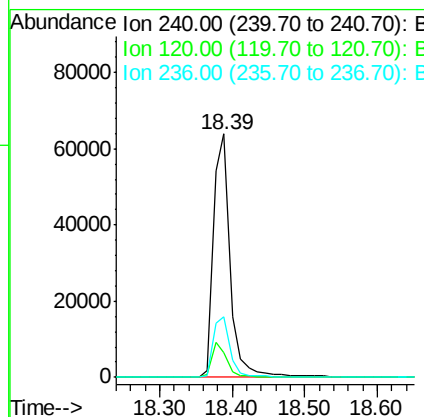
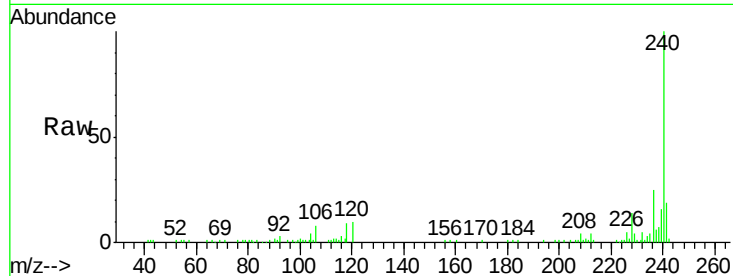
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS7-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	102012		
120	9.9	10.6	15.8#	
236	25.1	20.6	30.8	

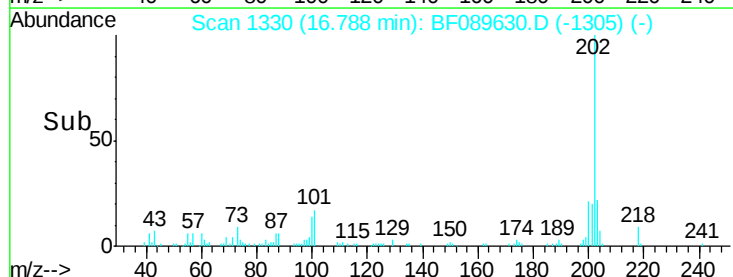
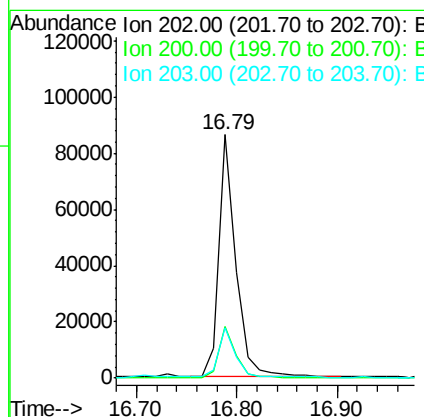
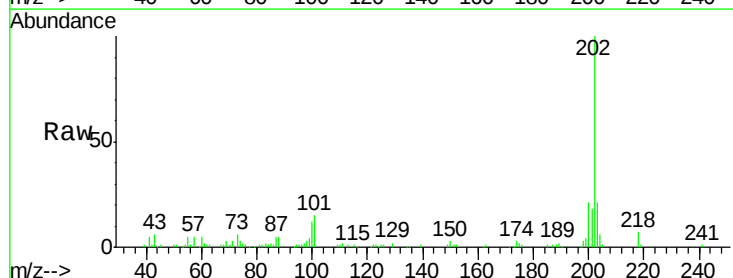
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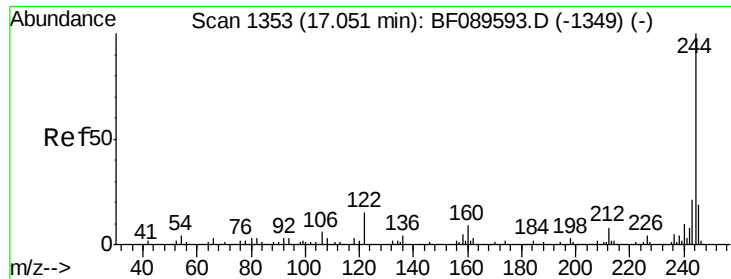
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#77
Pyrene
Concen: 11.23 ng
RT: 16.79 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	101244		
200	21.0	17.4	26.0	
203	20.5	13.6	20.4#	





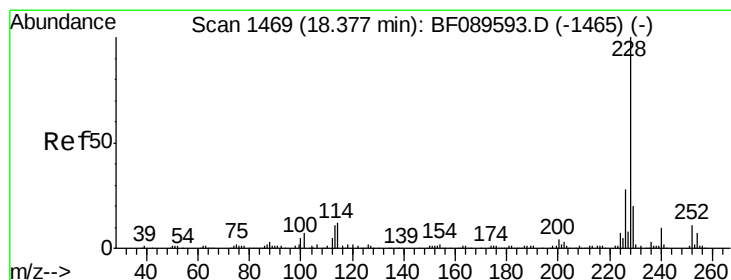
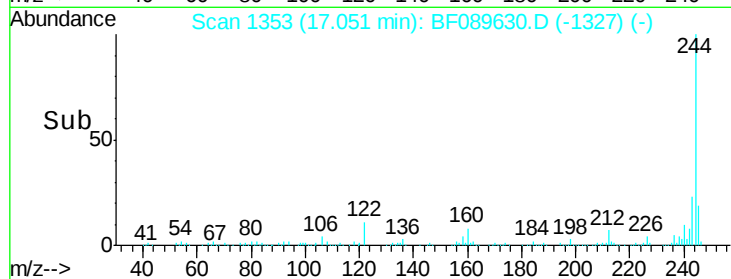
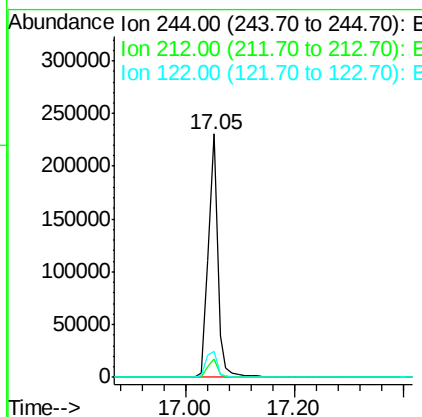
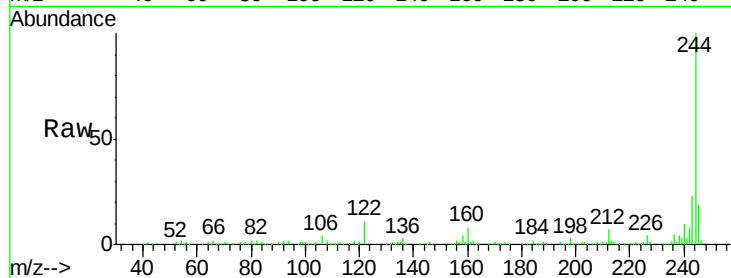
#78
 Terphenyl-d14
 Concen: 54.58 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SS7-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	282063		
212	7.5	6.4	9.6	
122	10.6	12.2	18.2	

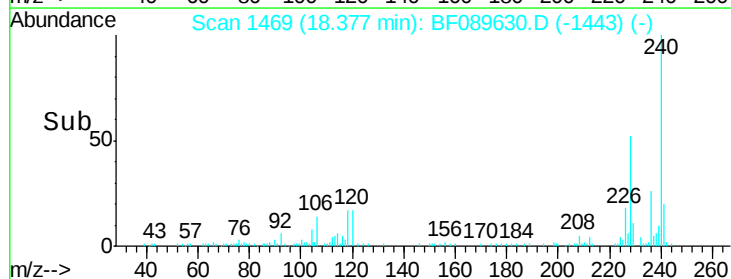
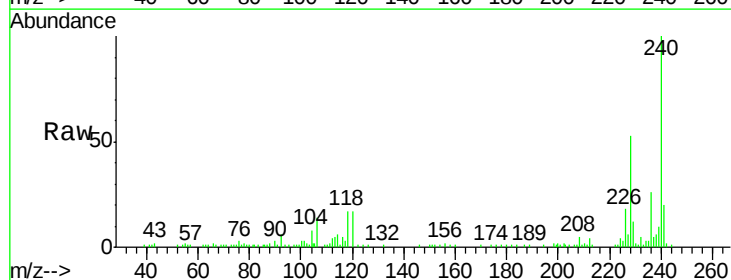
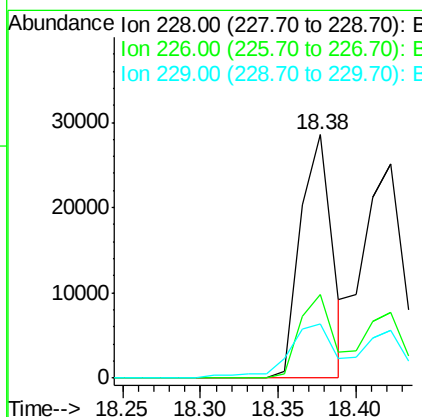
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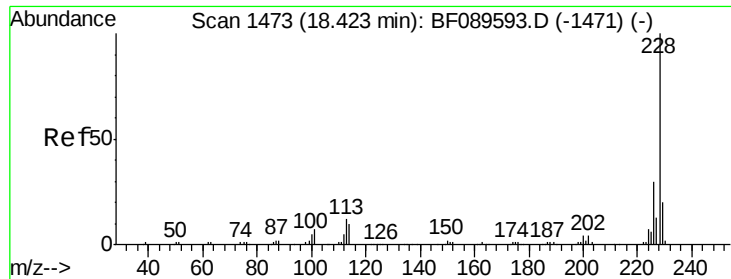
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#80
 Benzo(a)anthracene
 Concen: 6.89 ng m
 RT: 18.38 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	40380		
226	34.4	22.3	33.5	
229	22.5	15.9	23.9	





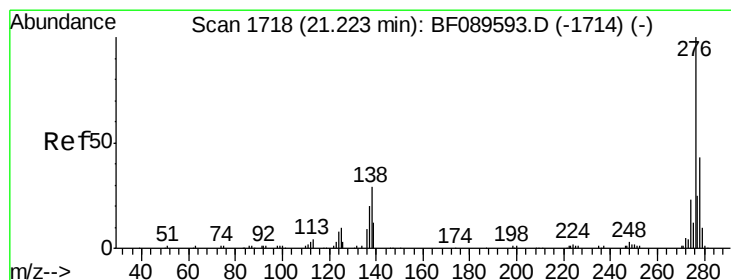
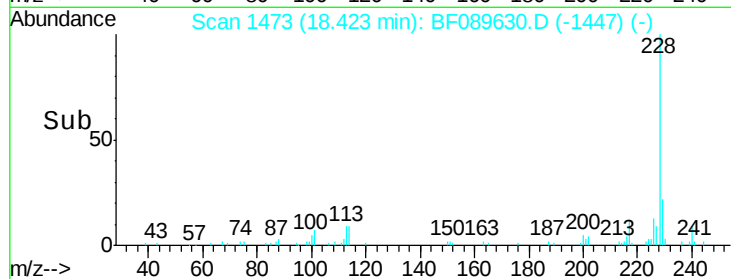
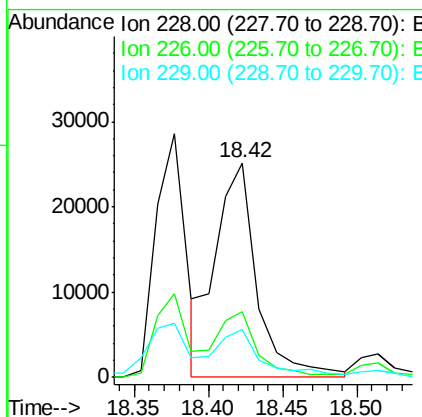
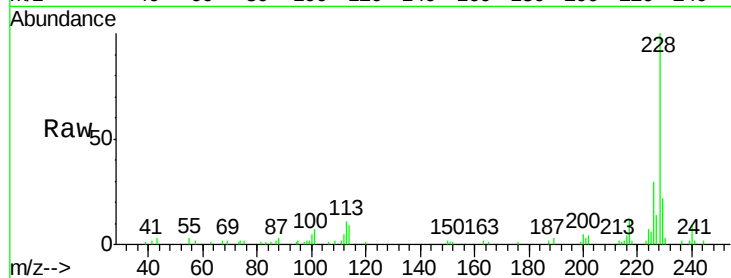
#82
Chrysene
Concen: 7.99 ng m
RT: 18.42 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS7-0-2IN

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	22.1	16.0	24.0

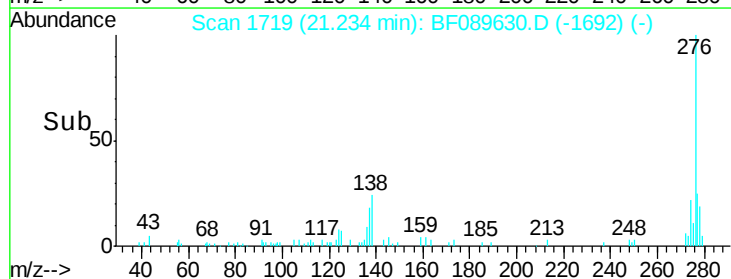
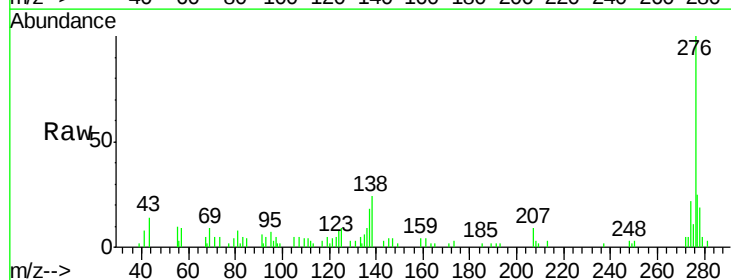
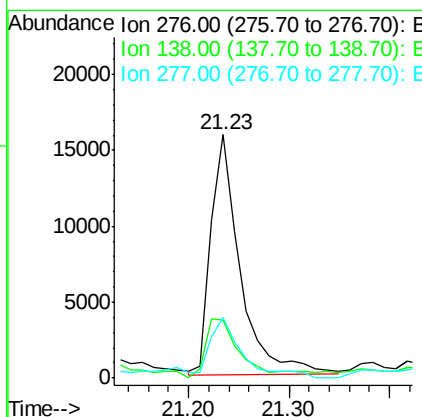
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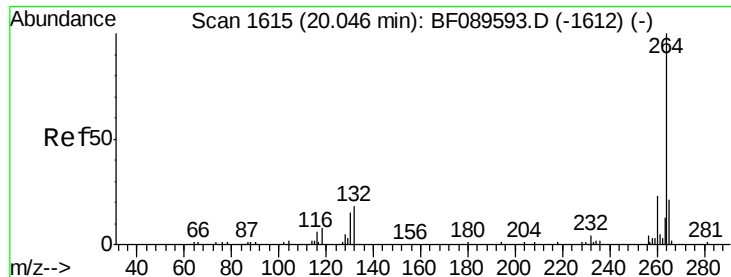
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#85
Indeno(1,2,3-cd)pyrene
Concen: 6.86 ng
RT: 21.23 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.0	23.8	35.8
277	31.1	20.3	30.5#





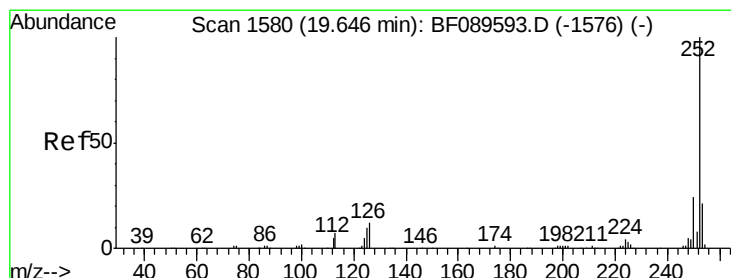
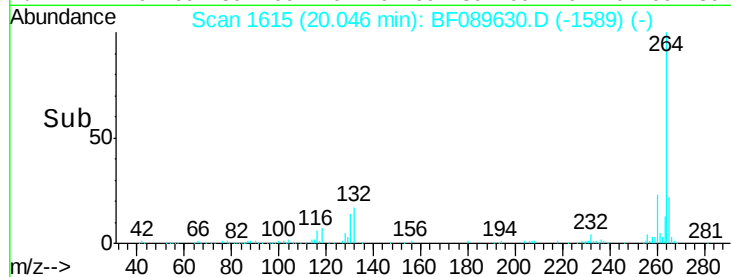
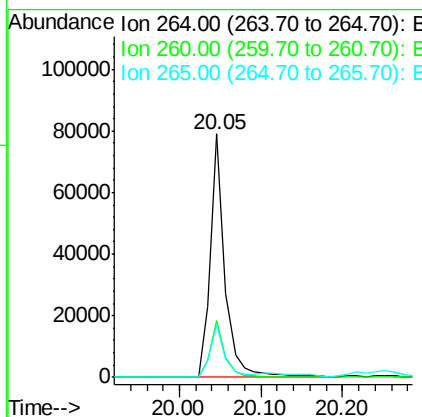
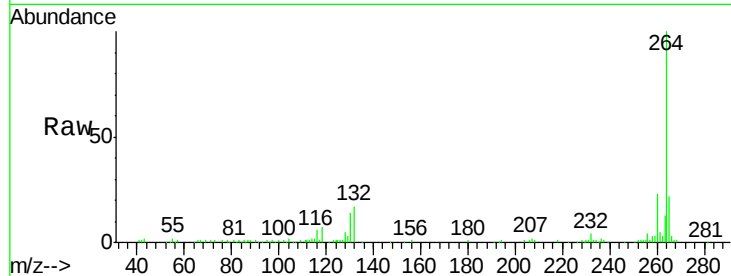
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.05 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Instrument :
 BNA_F
 ClientSampled :
 SS7-0-2IN

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.5	16.5	24.7

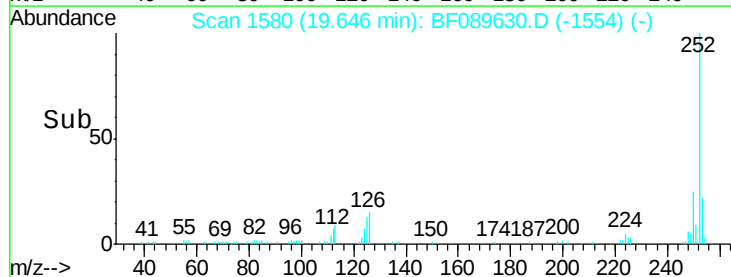
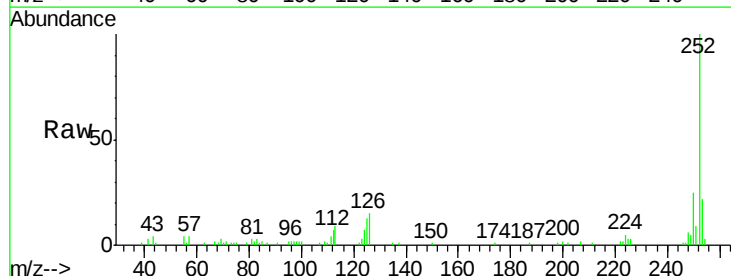
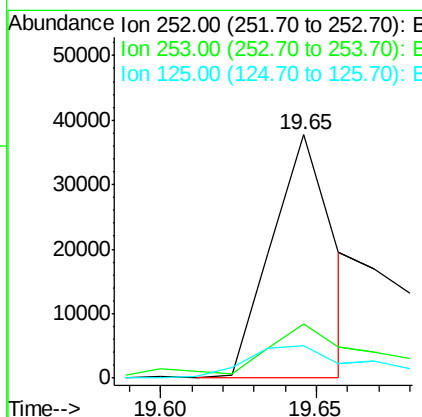
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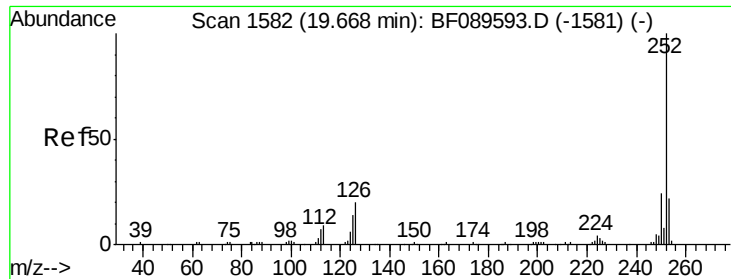
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#87
 Benzo(b)fluoranthene
 Concen: 8.51 ng m
 RT: 19.65 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.3	7.8	11.8#





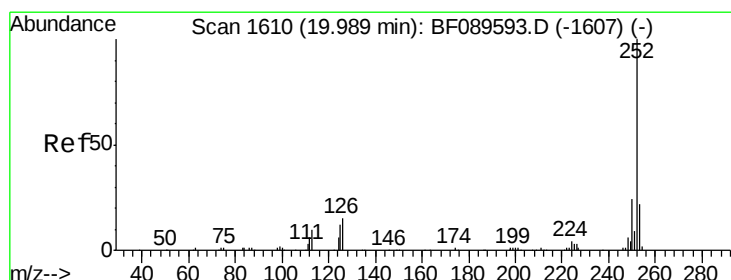
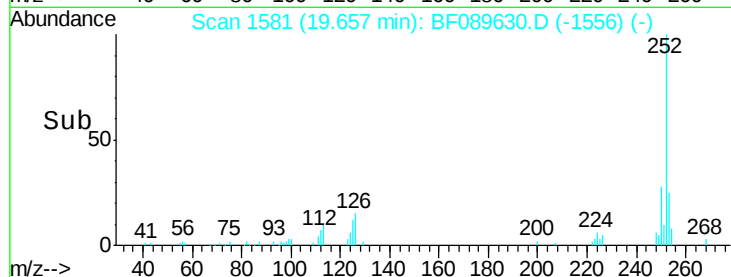
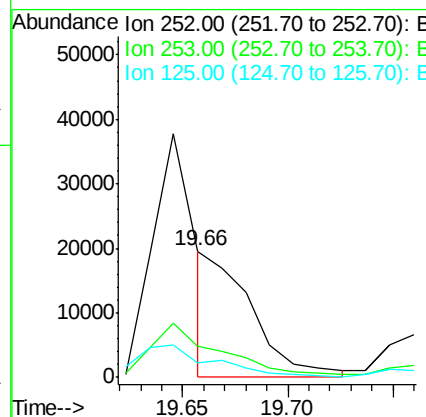
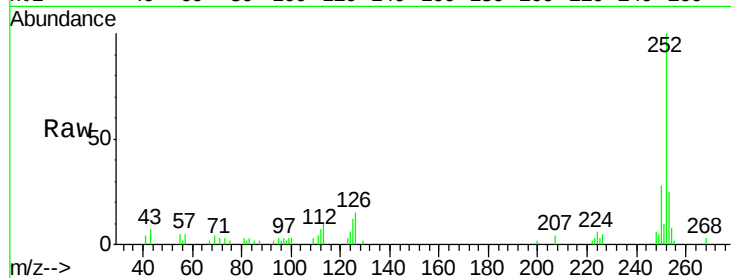
#88
Benzo(k)fluoranthene
Concen: 4.33 ng m
RT: 19.66 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

Instrument :
BNA_F
ClientSampled :
SS7-0-2IN

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	11.7	11.0	16.6

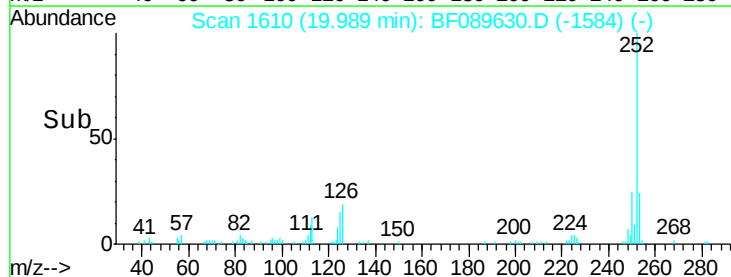
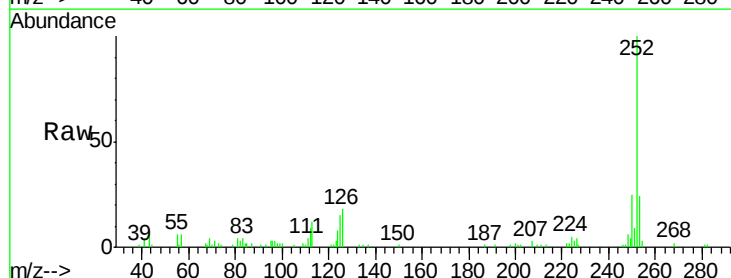
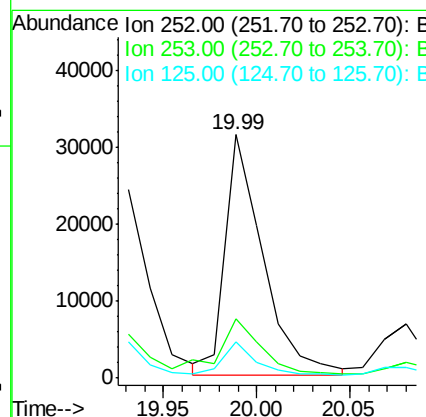
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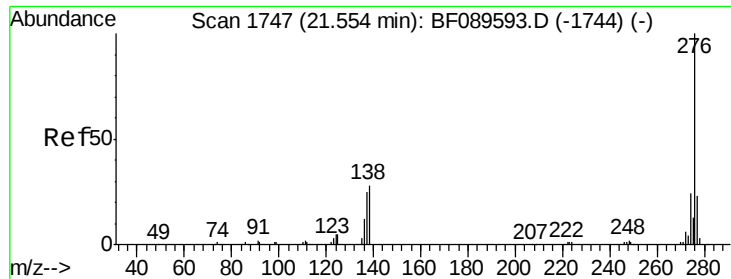
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#89
Benzo(a)pyrene
Concen: 7.58 ng
RT: 19.99 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF089630.D
Acq: 5 Aug 2016 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	14.9	9.9	14.9#





#91
 Benzo(g,h,i)perylene
 Concen: 6.00 ng
 RT: 21.57 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: BF089630.D
 Acq: 5 Aug 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SS7-0-2IN

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	33457		
277	25.4		18.6	28.0
138	26.5		22.6	33.8

Manual Integrations
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