

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
 Data File : BF111091.D
 Acq On : 29 Nov 2018 15:22
 Operator : JU/SJ
 Sample : J6051-02DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-02DL

Manual Integrations
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mohammad
 11/30/2018 3:49:32 PM

Quant Time: Nov 29 15:58:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 10:35:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	61571	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	270053	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	129517	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	221298	20.00	ng	0.00
76) Chrysene-d12	14.13	240	134465	20.00	ng	0.00
87) Perylene-d12	15.66	264	134720	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	88829	23.92	ng	0.00
7) Phenol-d6	6.56	99	119632	24.73	ng	0.00
23) Nitrobenzene-d5	7.50	82	80243	17.01	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	26033	20.24	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	145562	16.28	ng	0.00
79) Terphenyl-d14	13.04	244	94283	13.65	ng	-0.01
Target Compounds						
31) Naphthalene	8.24	128	48312	3.816	ng	99
49) Acenaphthylene	9.84	152	75983	6.172	ng	100
50) Dimethylphthalate	9.69	163	22731	2.393	ng	99
58) Fluorene	10.53	166	37397	4.175	ng	99
71) Phenanthrene	11.49	178	400695	34.187	ng	99
72) Anthracene	11.55	178	117532	9.847	ng	98
75) Fluoranthene	12.69	202	508932	42.248	ng	99
78) Pyrene	12.92	202	456627	46.495	ng	98
81) Benzo(a)anthracene	14.12	228	235470	29.661	ng	99
83) Chrysene	14.15	228	190264	24.346	ng	99
86) Indeno(1,2,3-cd)pyrene	17.25	276	90950	16.213	ng	96
88) Benzo(b)fluoranthene	15.20	252	267769m	33.834	ng	
89) Benzo(k)fluoranthene	15.23	252	84385m	10.359	ng	
90) Benzo(a)pyrene	15.59	252	201014	27.286	ng	99
91) Dibenzo(a,h)anthracene	17.24	278	22031m	3.625	ng	
92) Benzo(g,h,i)perylene	17.73	276	77226	13.177	ng	92

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

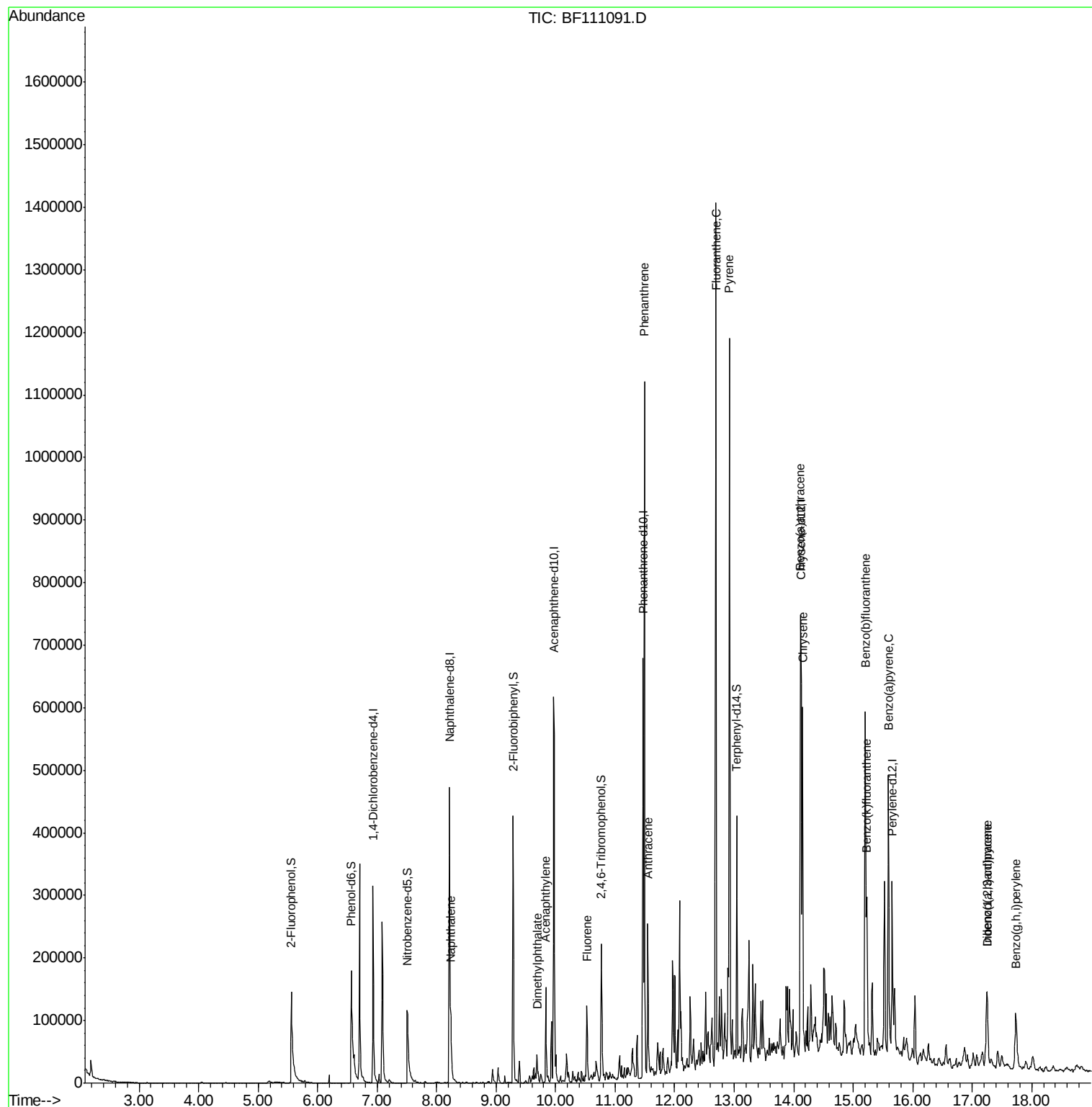
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111091.D
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Operator : JU/SJ
Sample : J6051-02DL 2X
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
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#1

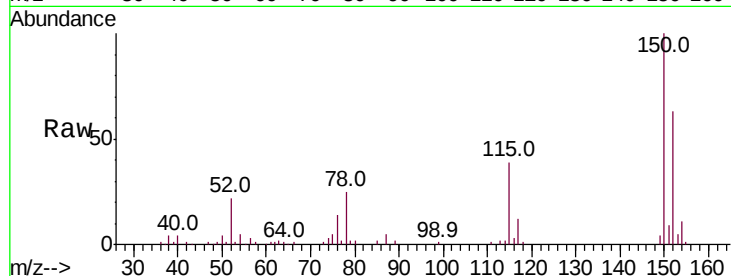
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleID :
SS-02DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.7	184.1
115	61.9	49.1	73.7

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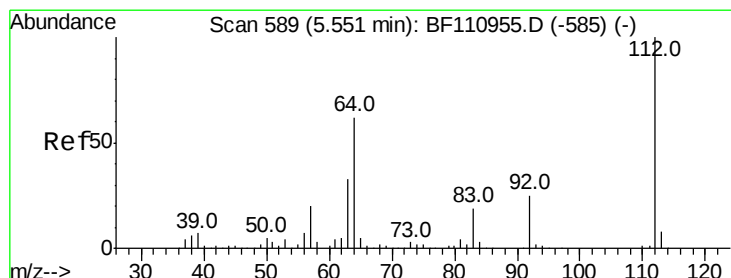
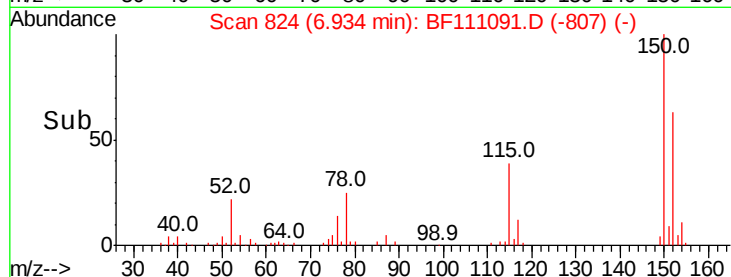
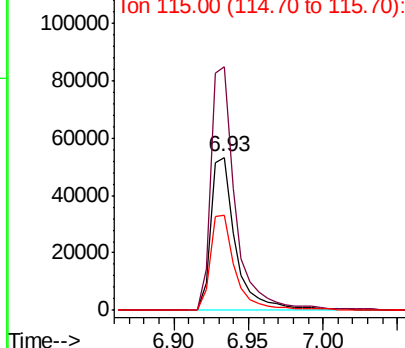


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

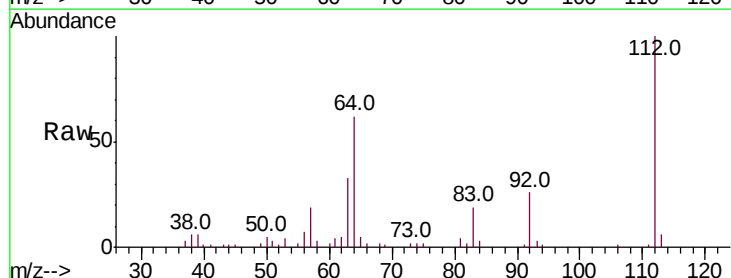
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 23.925 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	44.1	66.1
63	32.9	23.7	35.5

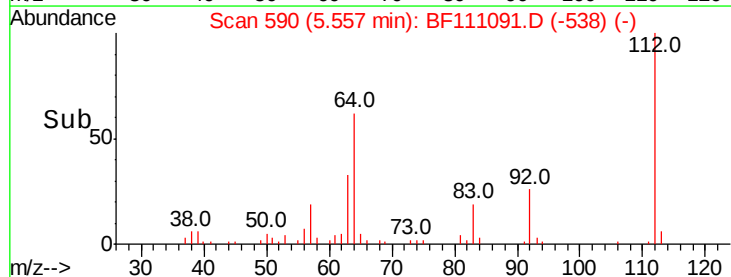
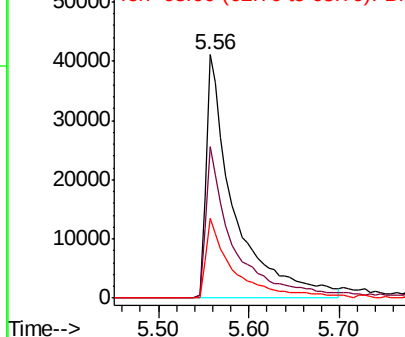


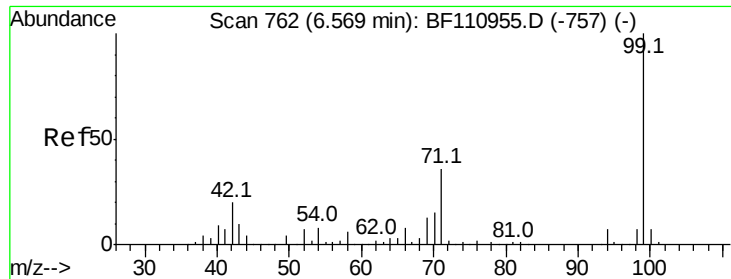
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.725 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111091.D

Acq: 29 Nov 2018 15:22

Instrument :

BNA_F

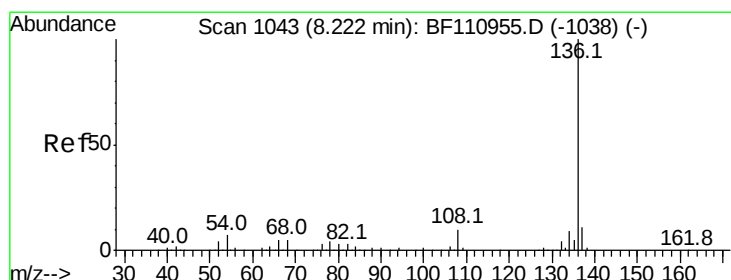
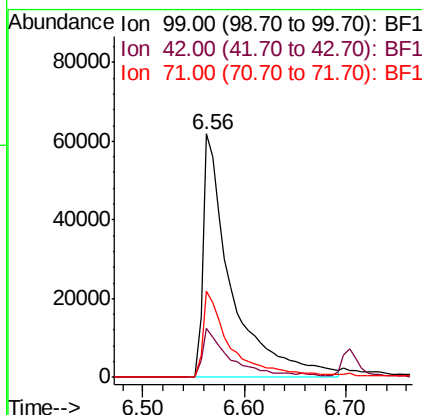
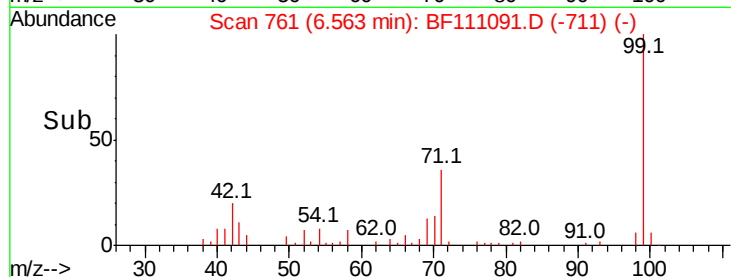
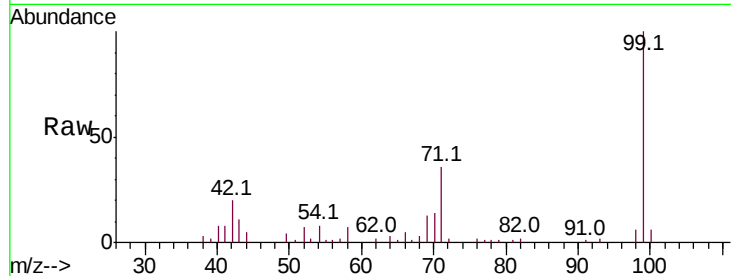
ClientSampleId :

SS-02DL

Tot Ion:	99	Resp:	119632
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.8	23.6
71	35.6	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

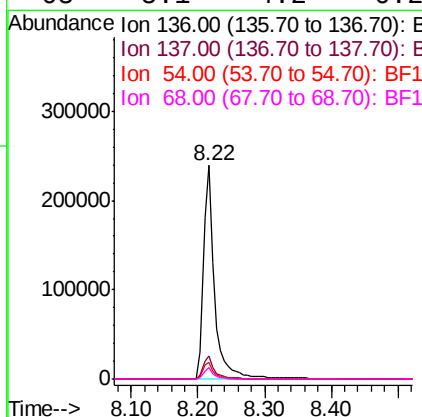
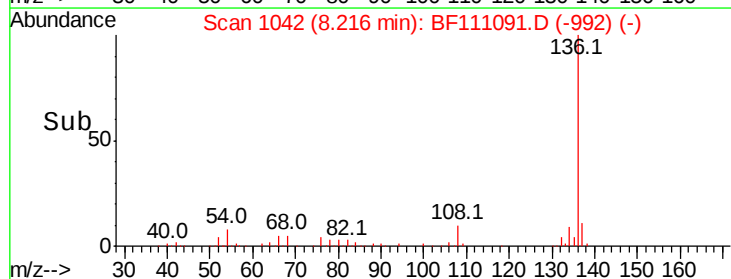
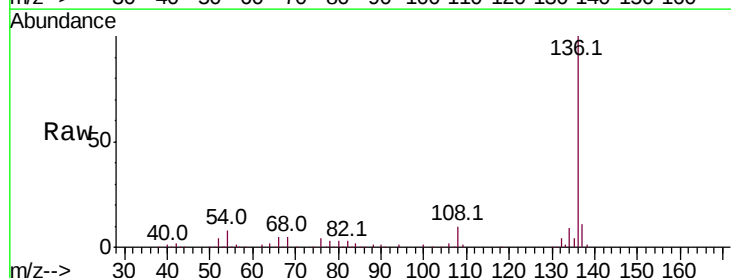
RT: 8.22 min Scan# 1042

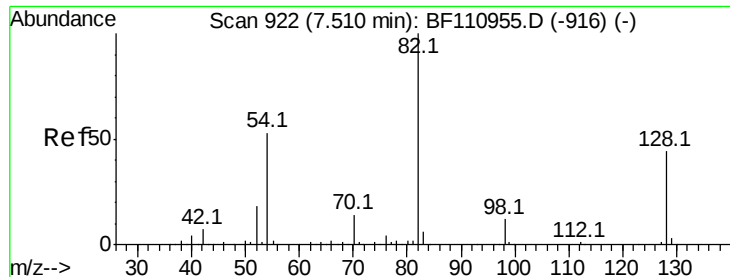
Delta R.T. -0.01 min

Lab File: BF111091.D

Acq: 29 Nov 2018 15:22

Tgt Ion:	136	Resp:	270053
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.6	5.4	8.2
68	5.1	4.2	6.2





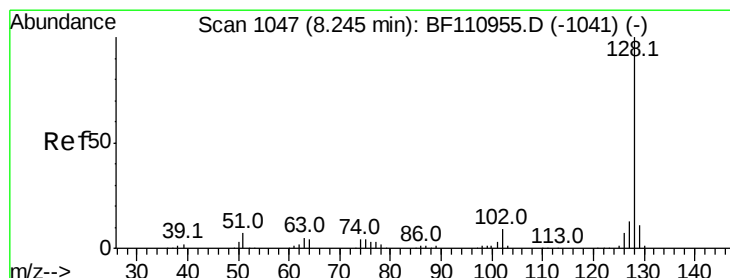
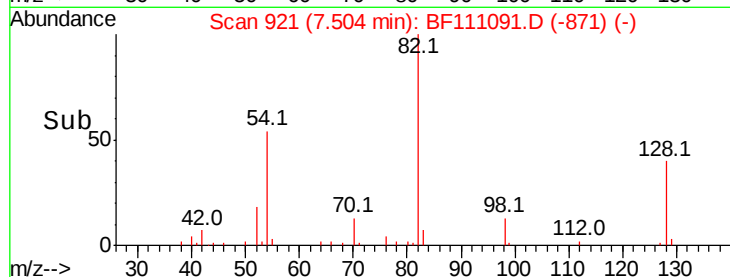
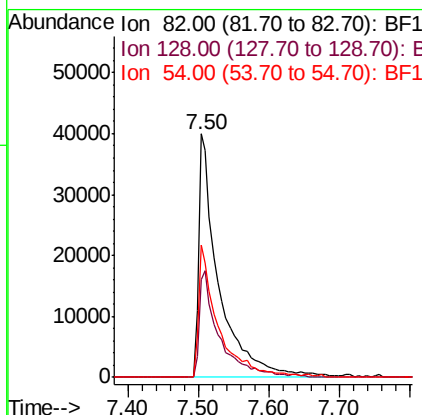
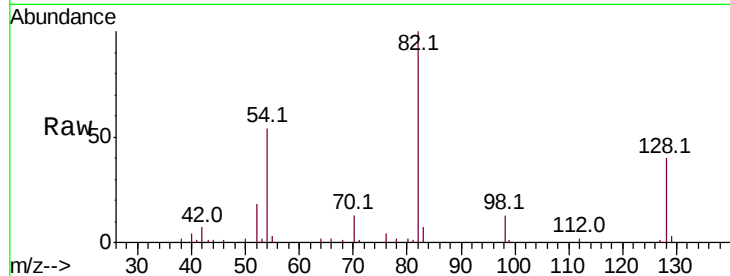
#23
Nitrobenzene-d5
Concen: 17.005 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
SS-02DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	34.2	51.2
54	54.2	38.6	58.0

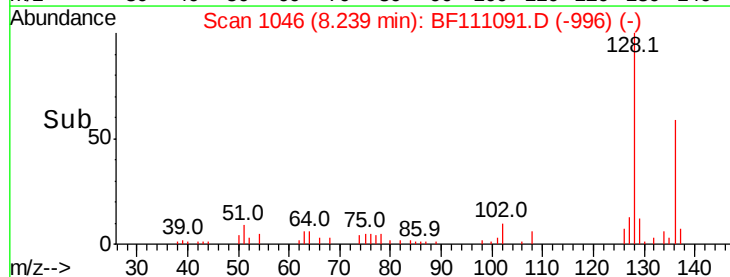
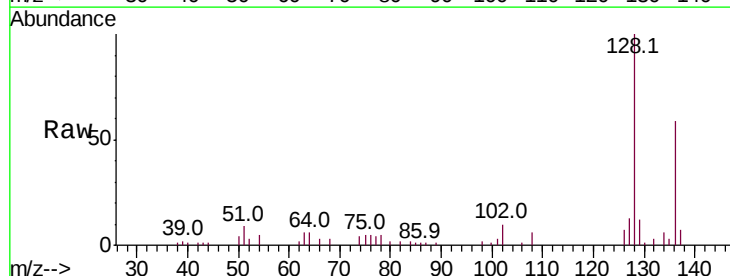
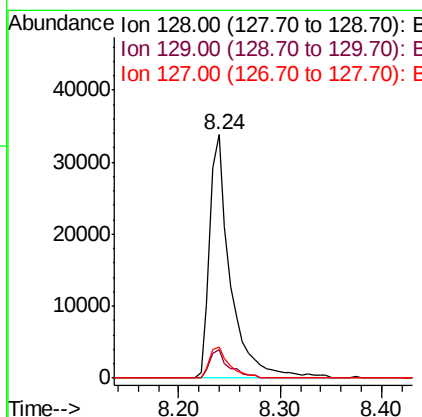
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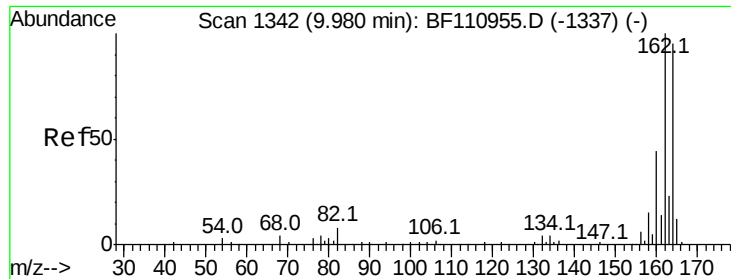
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#31
Naphthalene
Concen: 3.816 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	12.9	10.8	16.2





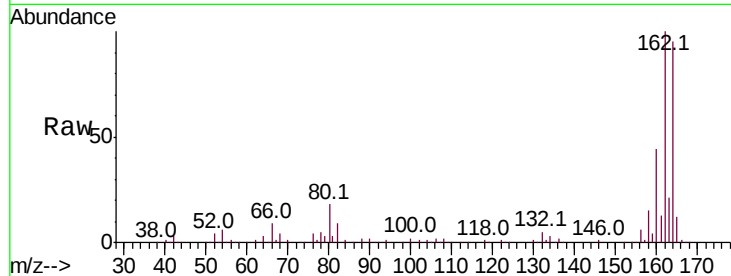
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
SS-02DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100	129517		
162	105.2	83.0	124.6	
160	46.8	37.0	55.6	

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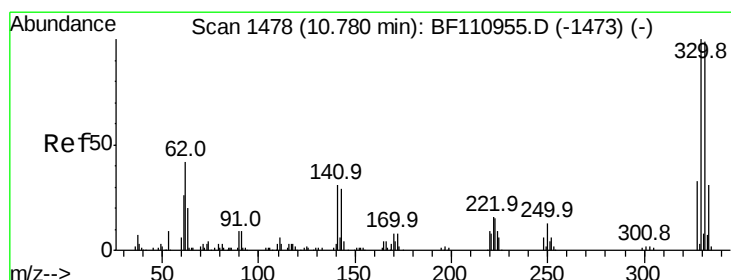
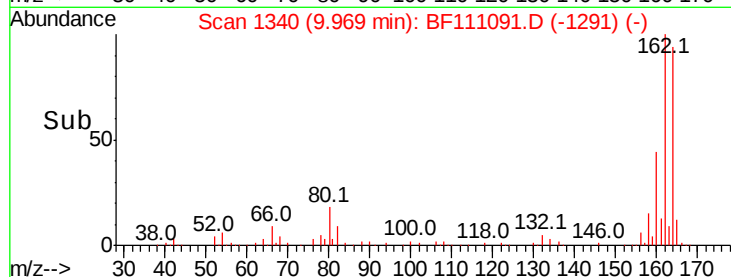
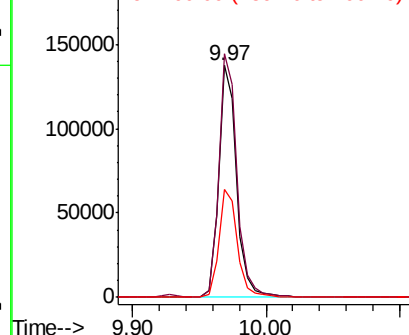


Abundance

Ion 164.00 (163.70 to 164.70): E

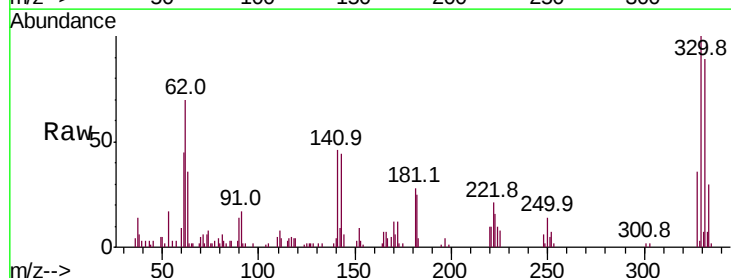
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 20.239 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	26033		
332	93.3	77.1	115.7	
141	42.8	27.0	40.4	

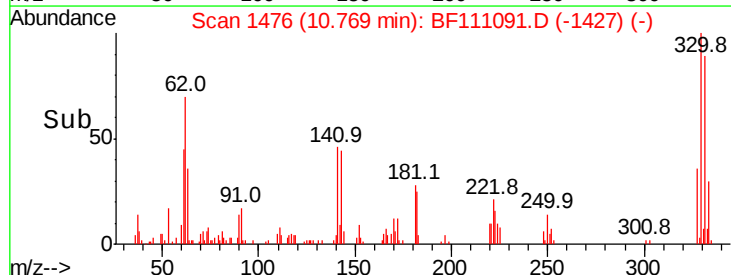
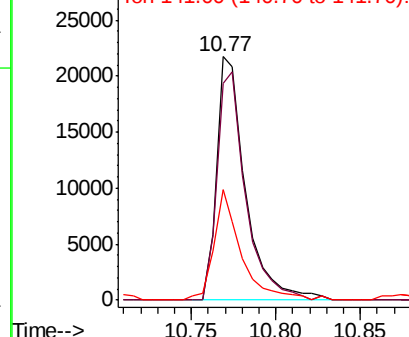


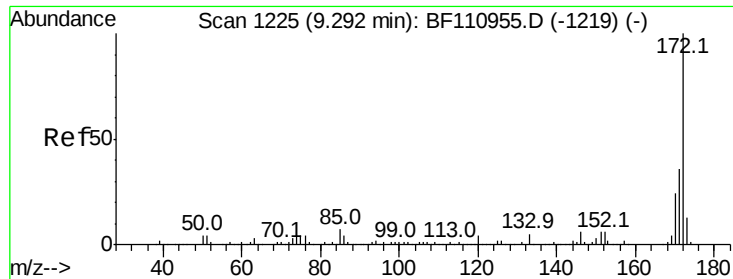
Abundance

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





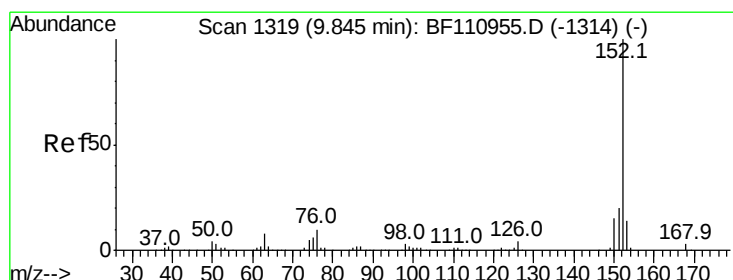
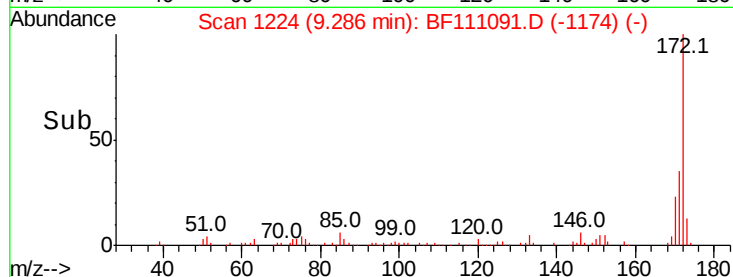
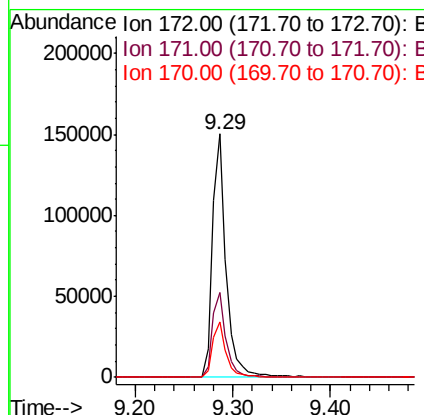
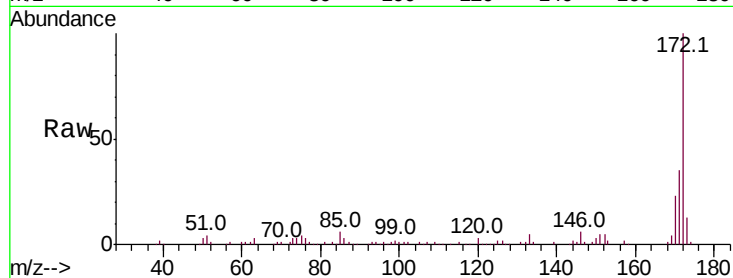
#45
2-Fluorobiphenyl
Concen: 16.283 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
SS-02DL

Tot Ion	Ratio	Resp	Lower	Upper
172	100	145562		
171	34.9	28.6	43.0	
170	22.7	19.7	29.5	

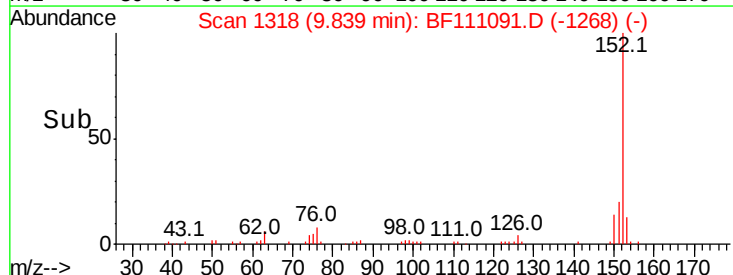
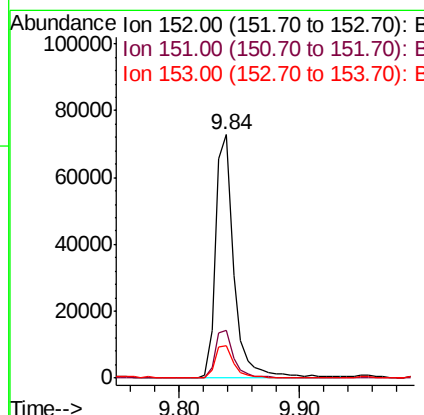
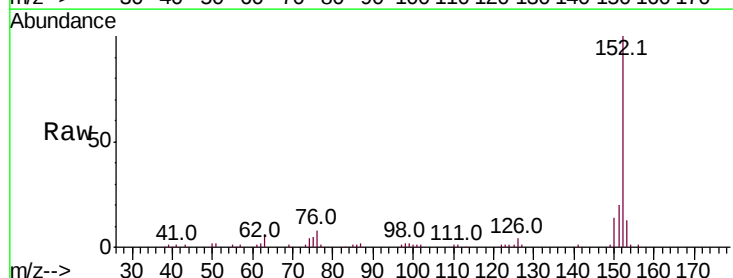
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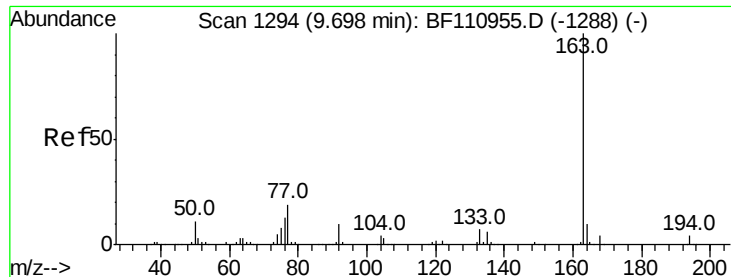
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#49
Acenaphthylene
Concen: 6.172 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	75983		
151	19.8	15.8	23.8	
153	13.4	10.4	15.6	





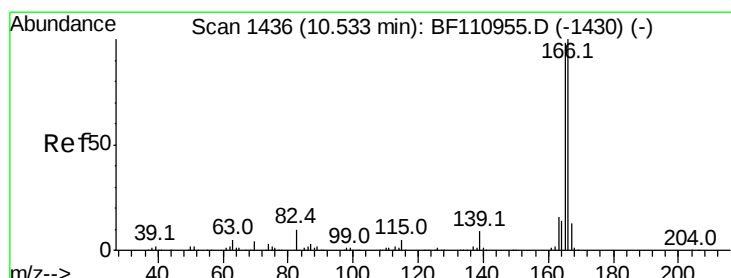
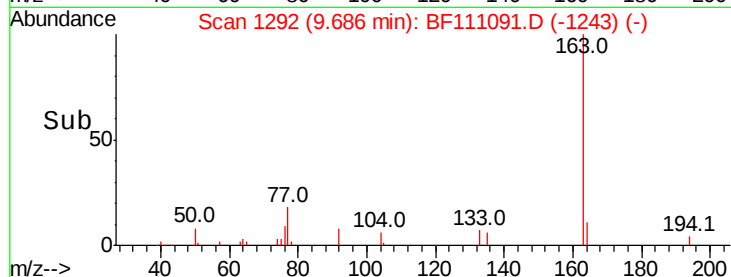
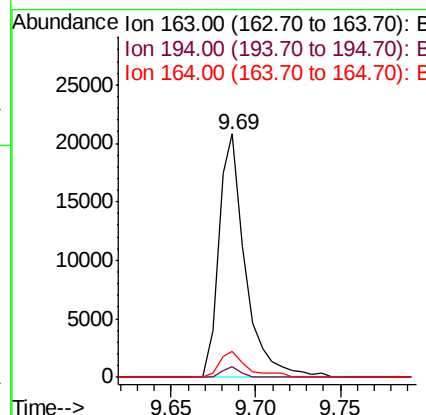
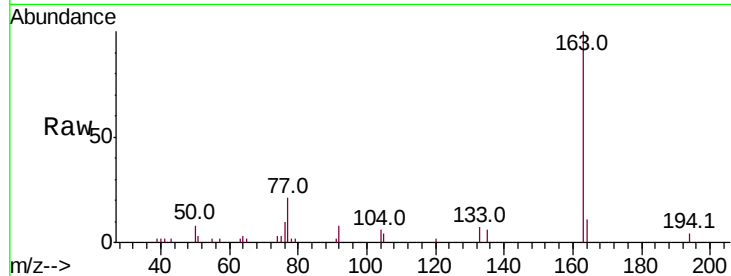
#50
Dimethylphthalate
Concen: 2.393 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleID :
SS-02DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	3.2	4.8	
164	10.6	8.1	12.1	

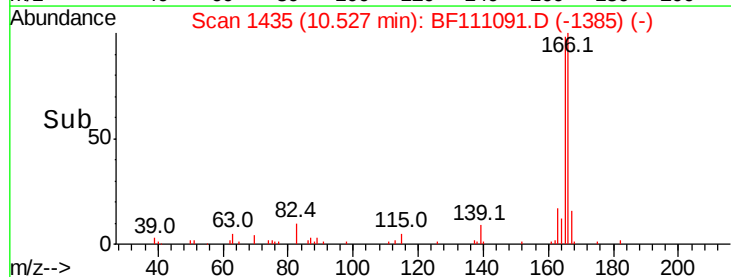
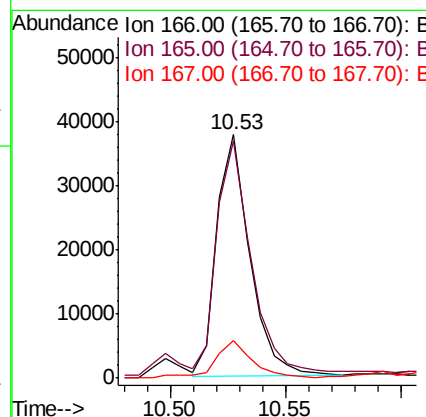
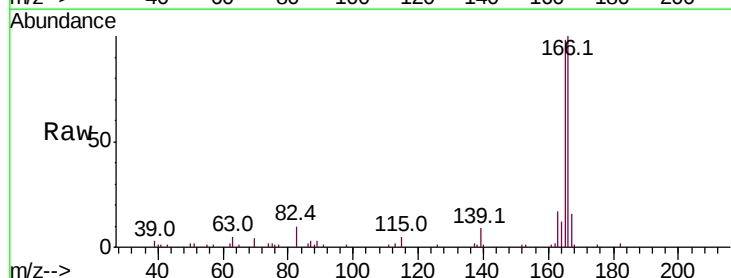
Manual Integrations
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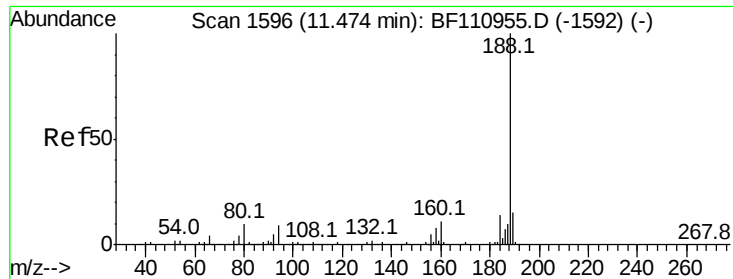
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#58
Fluorene
Concen: 4.175 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.6	78.6	117.8	
167	15.6	10.8	16.2	





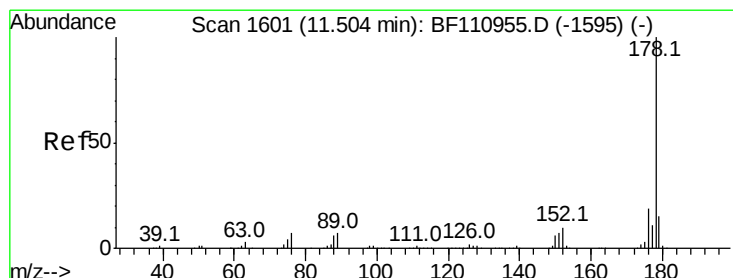
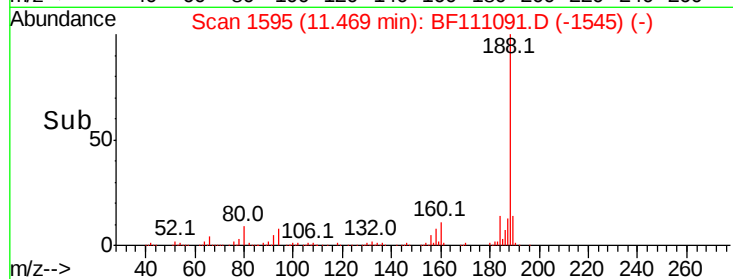
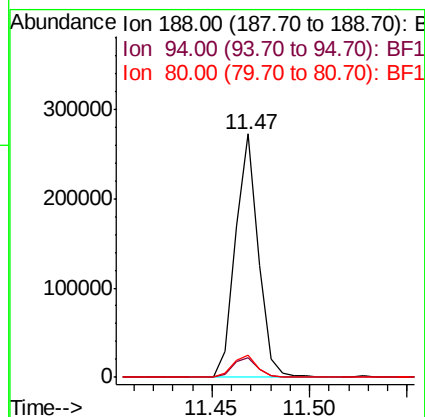
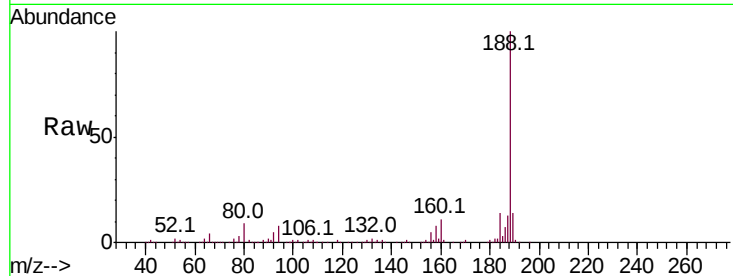
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
SS-02DL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.9	7.9	11.9

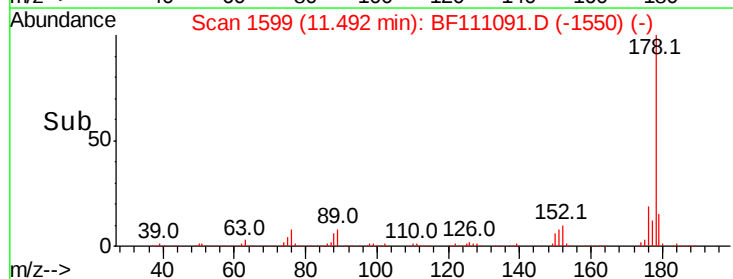
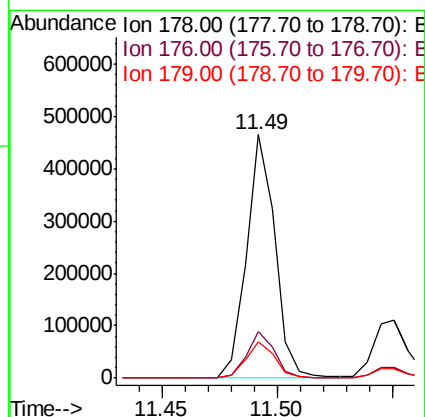
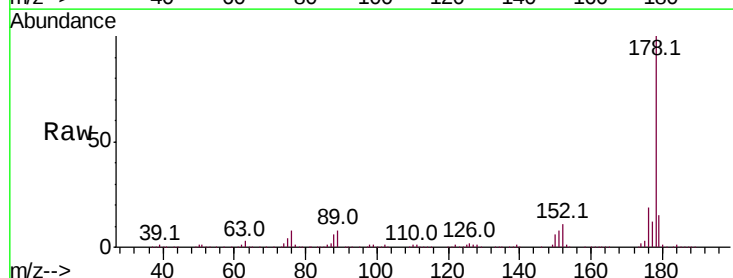
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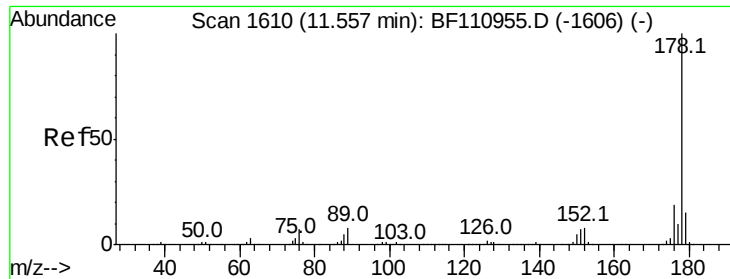
mohammad
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#71
Phenanthrene
Concen: 34.187 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.1	12.5	18.7





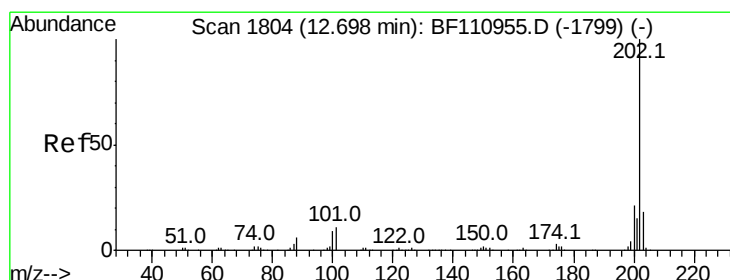
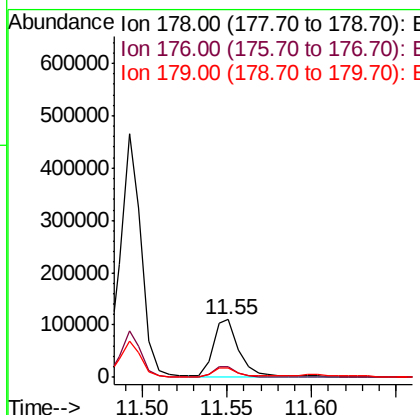
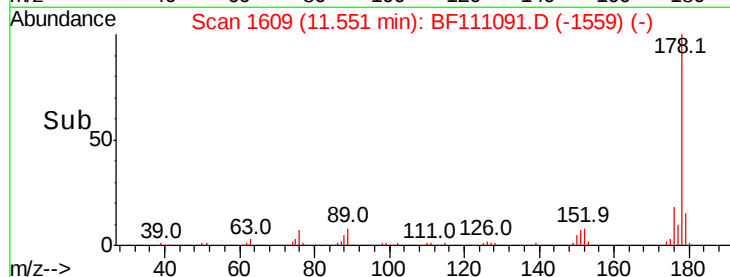
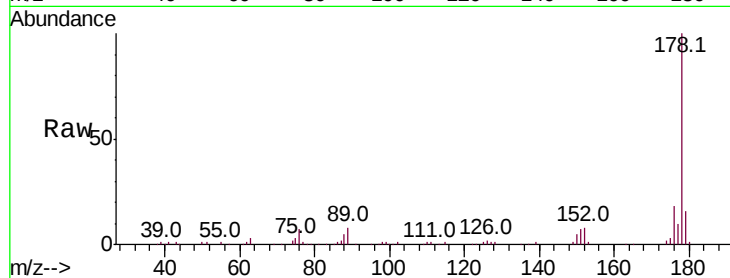
#72
 Anthracene
 Concen: 9.847 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF111091.D
 Acq: 29 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS-02DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.6	12.6	18.8

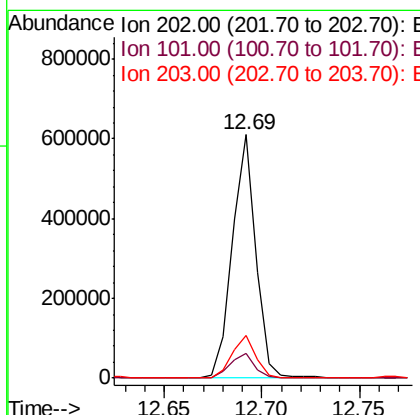
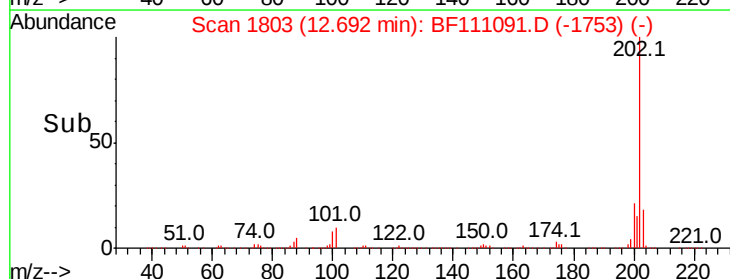
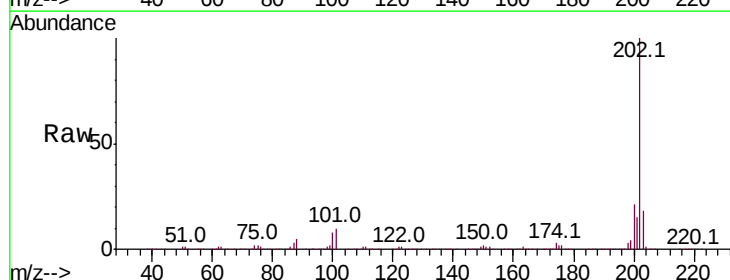
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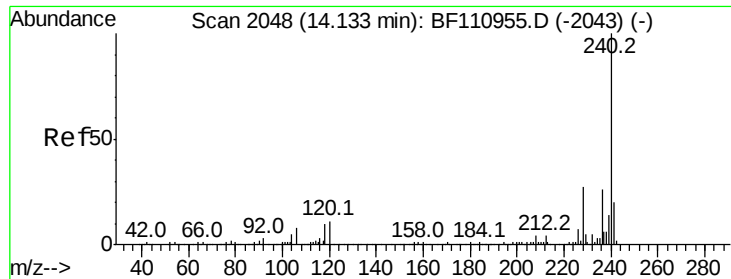
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#75
 Fluoranthene
 Concen: 42.248 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF111091.D
 Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.6	0.0	37.7





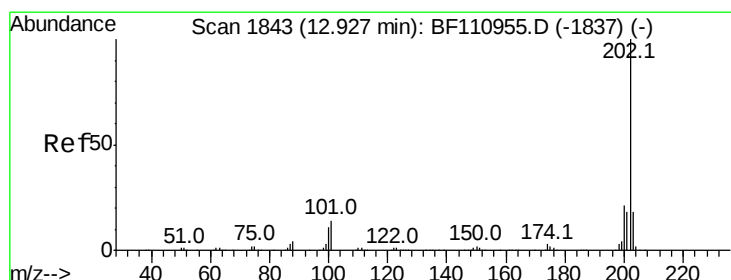
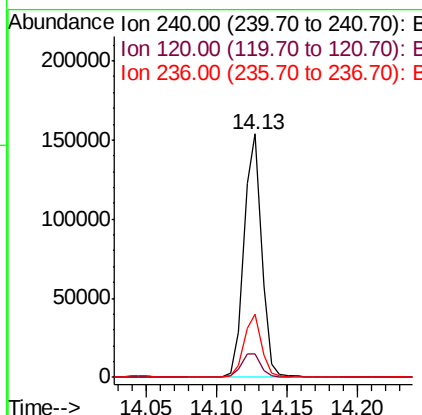
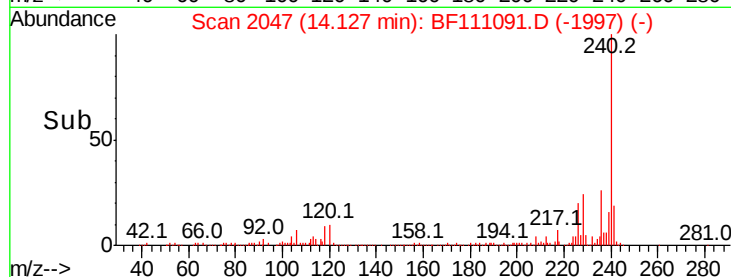
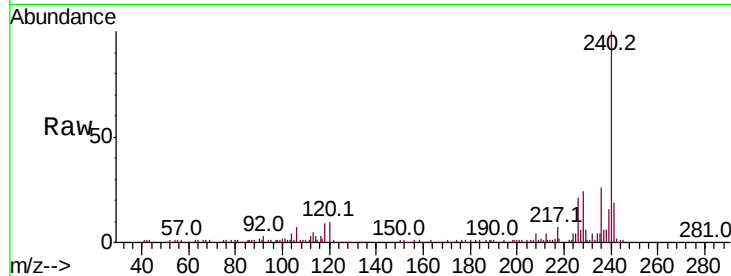
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
SS-02DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	25.8	21.2	31.8

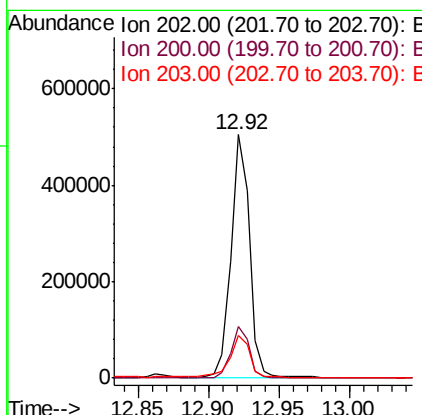
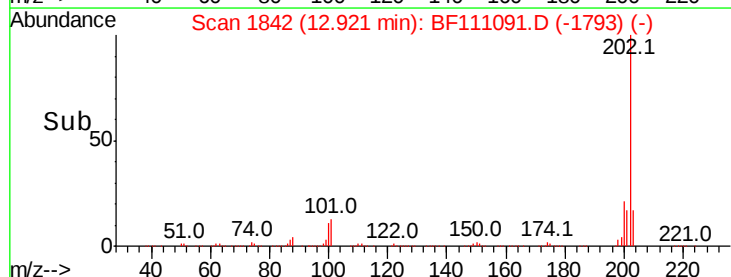
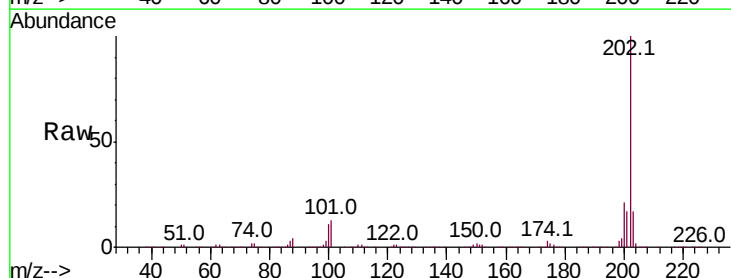
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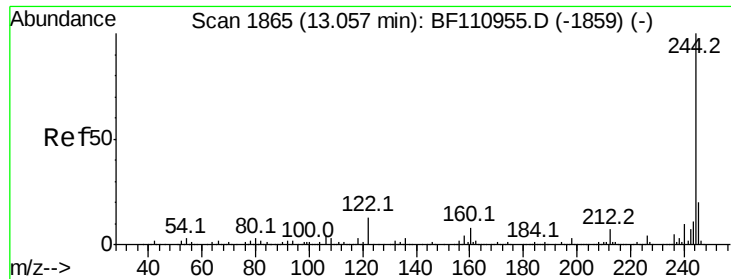
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#78
Pyrene
Concen: 46.495 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.3	14.2	21.4





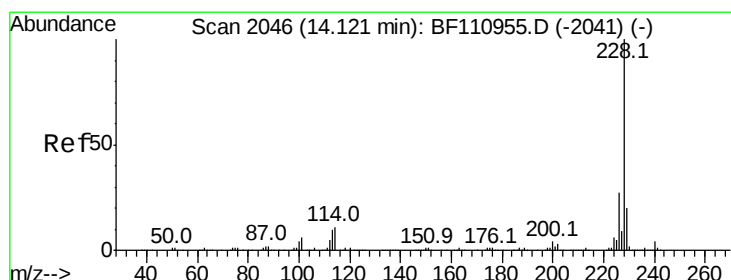
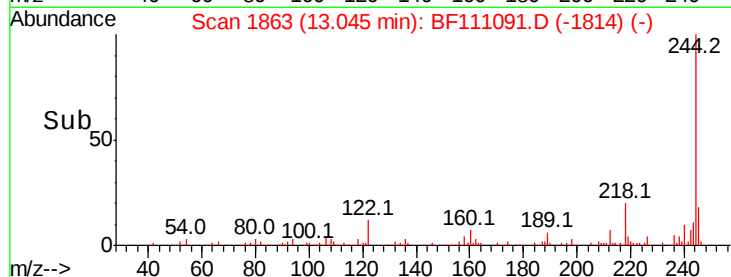
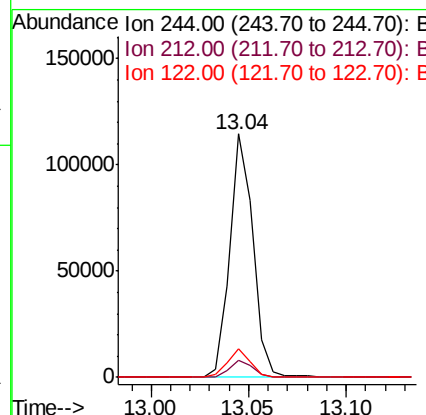
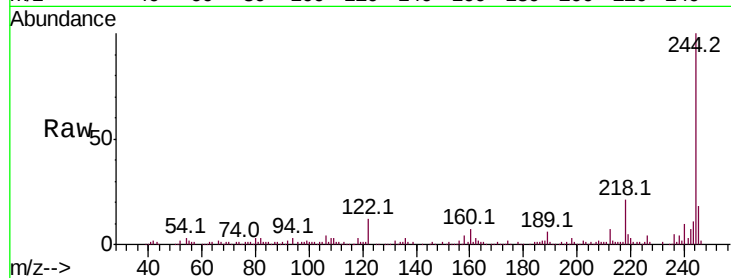
#79
 Terphenyl-d14
 Concen: 13.649 ng
 RT: 13.04 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BF111091.D
 Acq: 29 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS-02DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.7	8.7	13.1

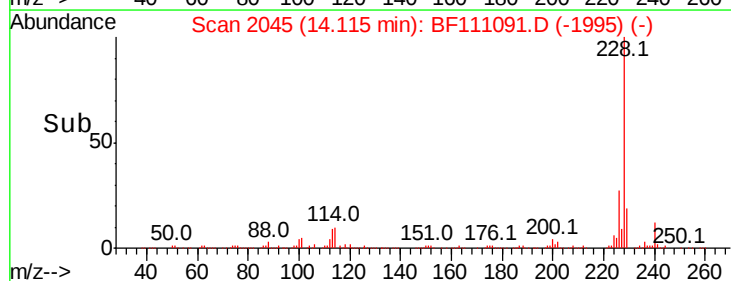
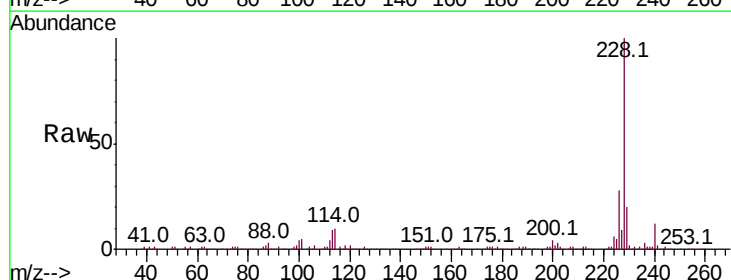
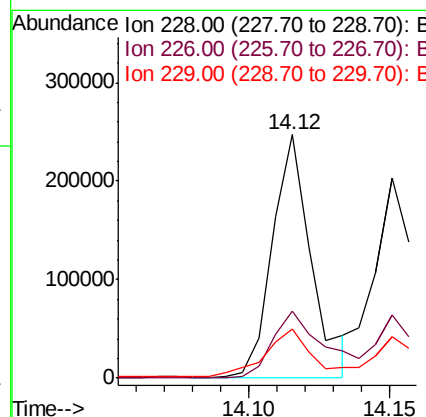
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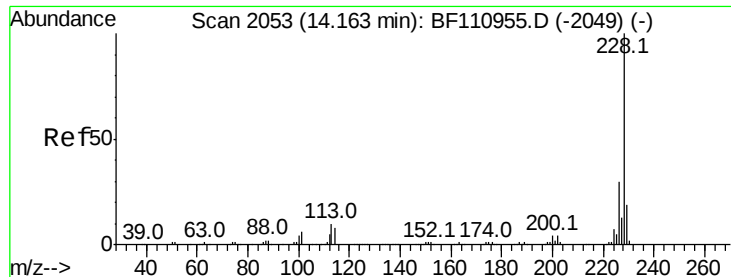
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#81
 Benzo(a)anthracene
 Concen: 29.661 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF111091.D
 Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.2	15.6	23.4





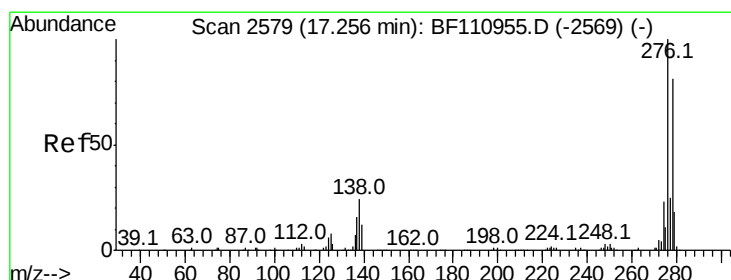
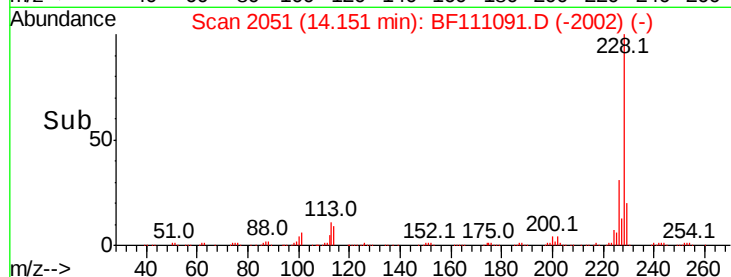
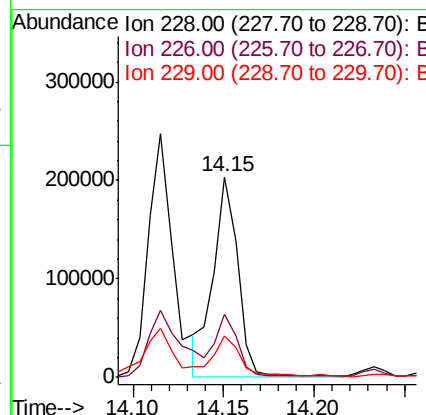
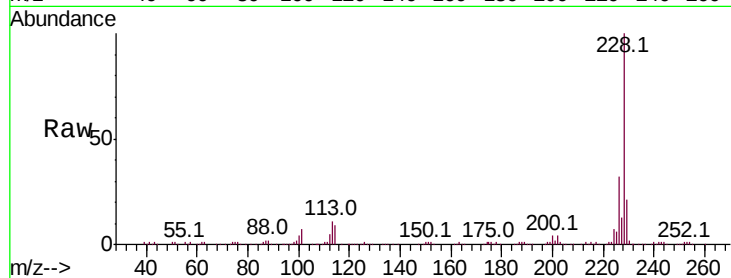
#83
Chrysene
Concen: 24.346 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
SS-02DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.7	37.1
229	20.8	15.9	23.9

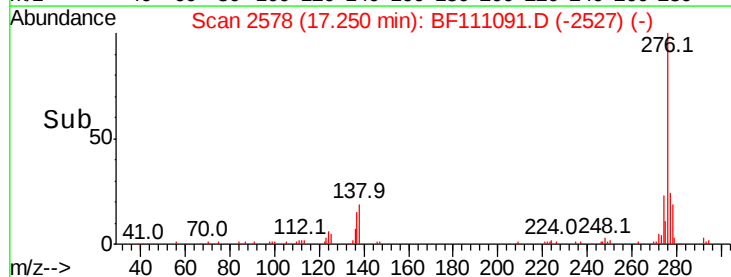
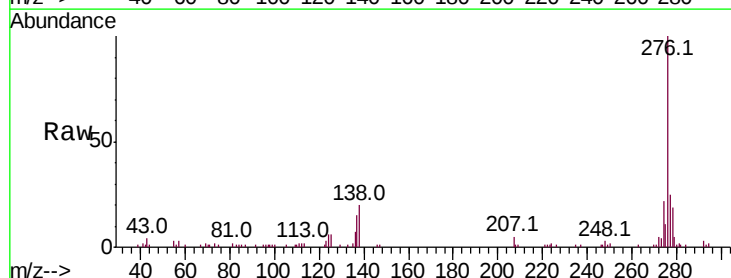
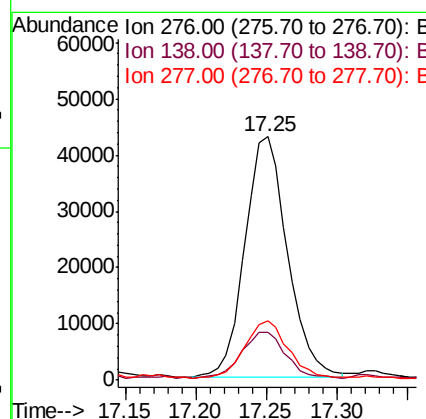
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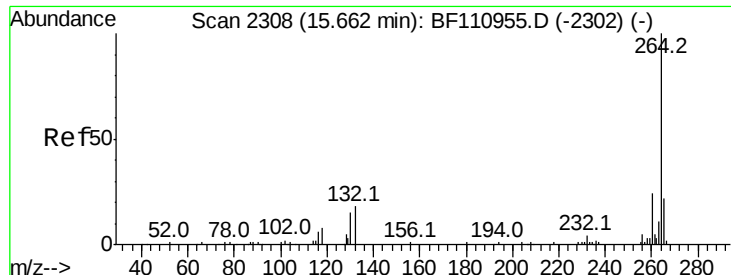
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#86
Indeno(1,2,3-cd)pyrene
Concen: 16.213 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	18.5	27.7
277	24.2	20.0	30.0





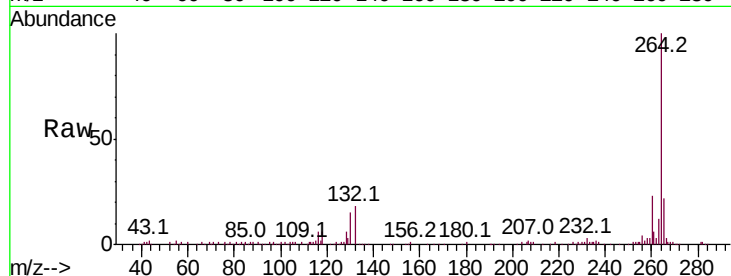
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleID :
SS-02DL

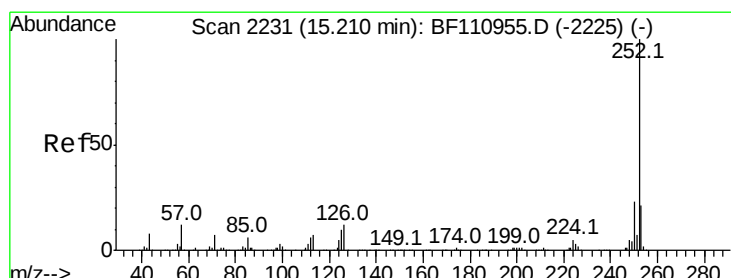
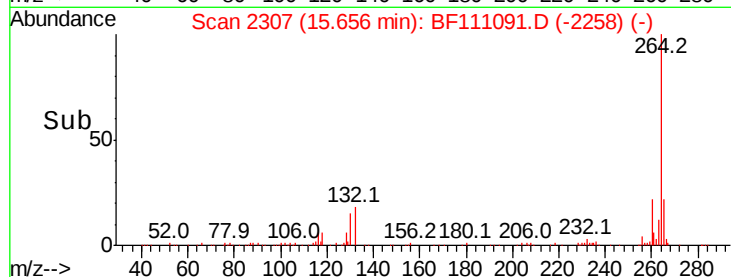
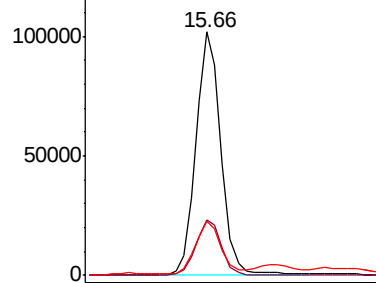
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	22.5	16.7	25.1

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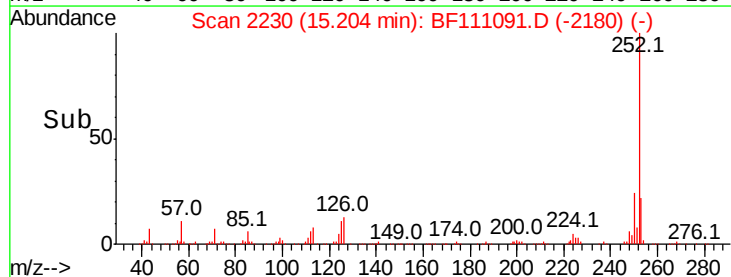
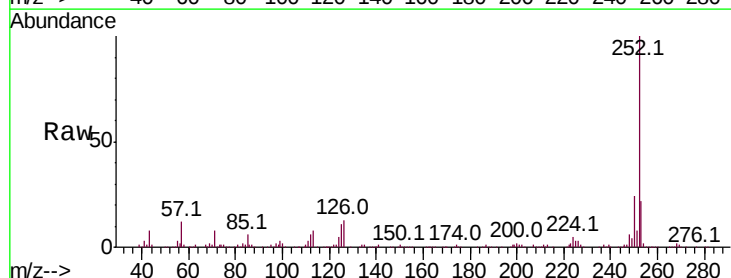
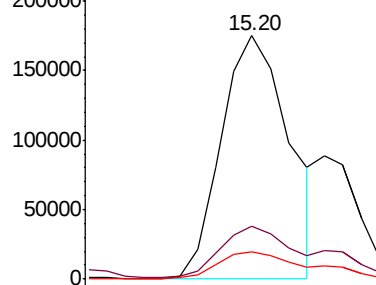
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

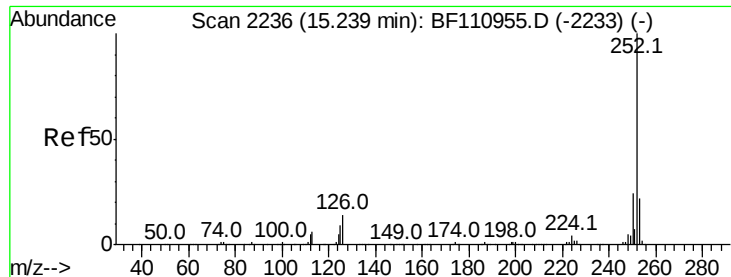


#88
Benzo(b)fluoranthene
Concen: 33.834 ng m
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.2	8.2	12.4

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





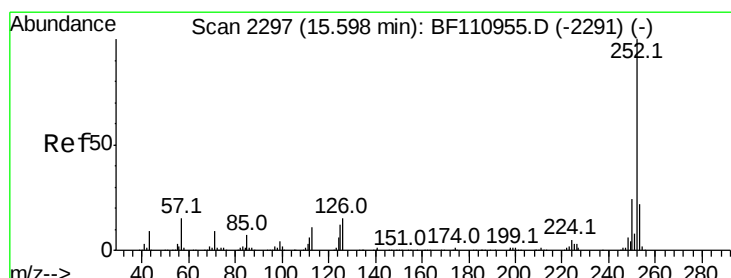
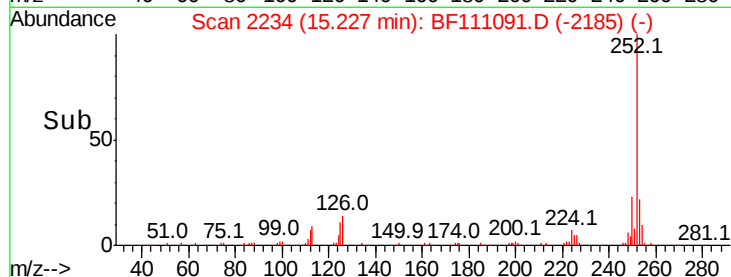
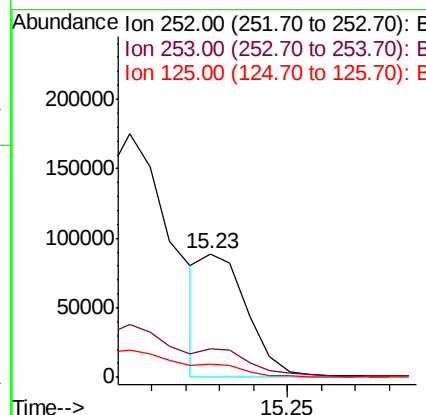
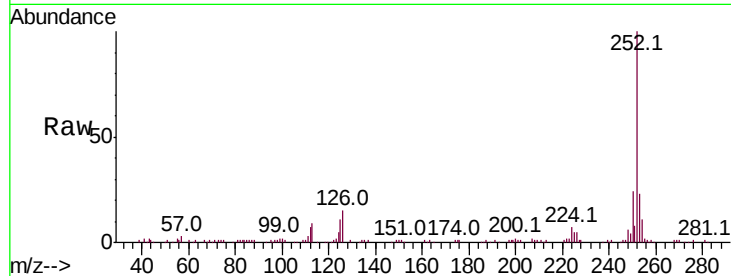
#89
Benzo(k)fluoranthene
Concen: 10.359 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleID :
SS-02DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	10.9	7.4	11.0

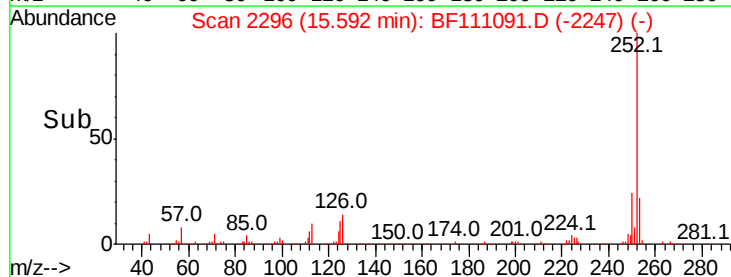
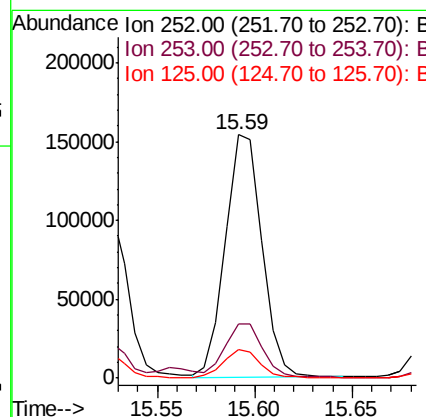
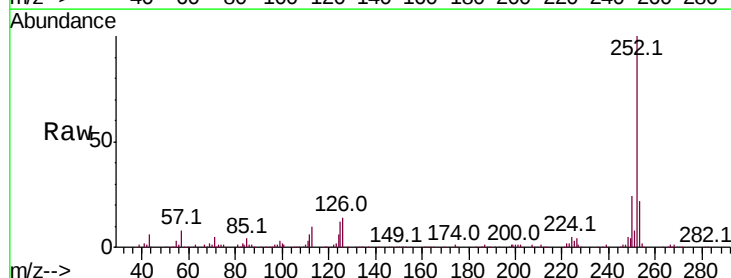
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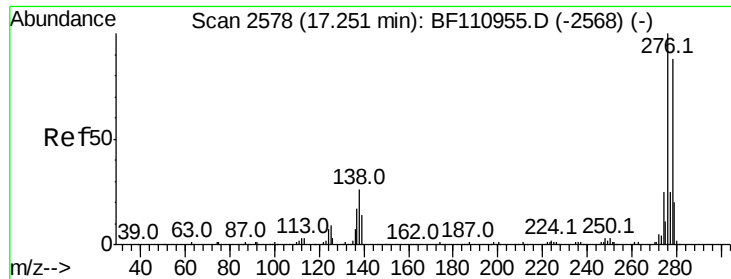
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#90
Benzo(a)pyrene
Concen: 27.286 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	11.6	9.0	13.6





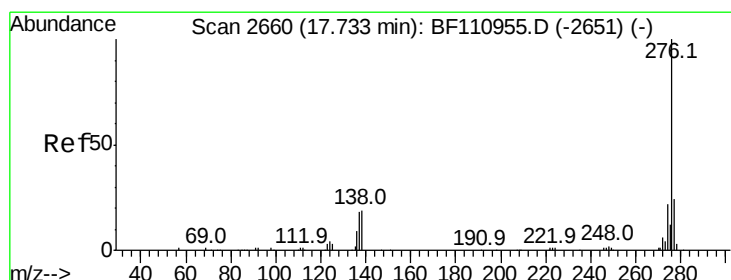
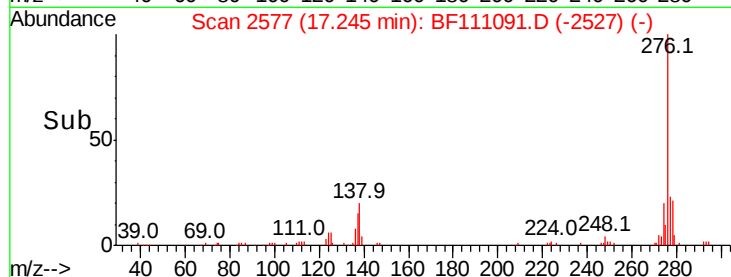
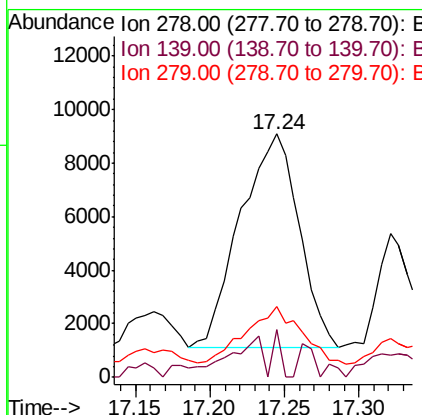
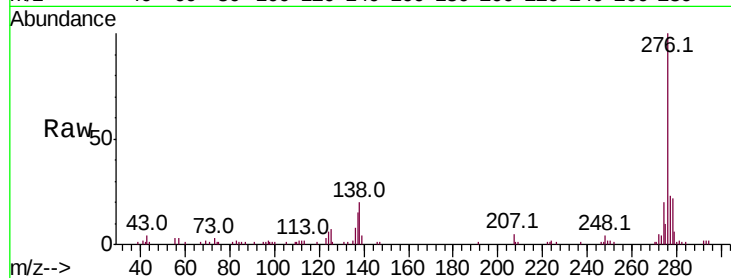
#91
Dibenzo(a,h)anthracene
Concen: 3.625 ng m
RT: 17.24 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :
SS-02DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.8	12.7	19.1#
279	28.8	19.0	28.4#

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#92
Benzo(g,h,i)perylene
Concen: 13.177 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF111091.D
Acq: 29 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.8	28.2
138	23.7	16.0	24.0

