

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112722.D
 Acq On : 27 Feb 2019 16:38
 Operator : JU/SJ
 Sample : K1627-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-(0-6)

Manual Integrations
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Sohil
 2/28/2019 12:47:01 PM

Quant Time: Feb 28 02:54:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	195369	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	744671	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	330042	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	593748	20.00	ng	0.00
76) Chrysene-d12	13.86	240	441997	20.00	ng	-0.01
87) Perylene-d12	15.27	264	504794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1152812	91.79	ng	0.00
7) Phenol-d6	6.37	99	1445842	91.64	ng	0.00
23) Nitrobenzene-d5	7.29	82	857552	68.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	296150	84.52	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1172758	56.57	ng	0.00
79) Terphenyl-d14	12.82	244	894272	39.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	133328	5.479	ng	99
71) Phenanthrene	11.26	178	59318	2.008	ng	98
75) Fluoranthene	12.45	202	144464	4.564	ng	98
78) Pyrene	12.67	202	126000	3.382	ng	98
81) Benzo(a)anthracene	13.85	228	70603	2.305	ng	99
83) Chrysene	13.89	228	71506	2.383	ng	95
84) Bis(2-ethylhexyl)phthalate	13.87	149	59379	3.078	ng	97
86) Indeno(1,2,3-cd)pyrene	16.61	276	57372	2.243	ng	97
88) Benzo(b)fluoranthene	14.87	252	117819m	3.608	ng	
90) Benzo(a)pyrene	15.20	252	76927	2.664	ng	97
92) Benzo(g,h,i)perylene	17.01	276	52862	2.136	ng	99

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

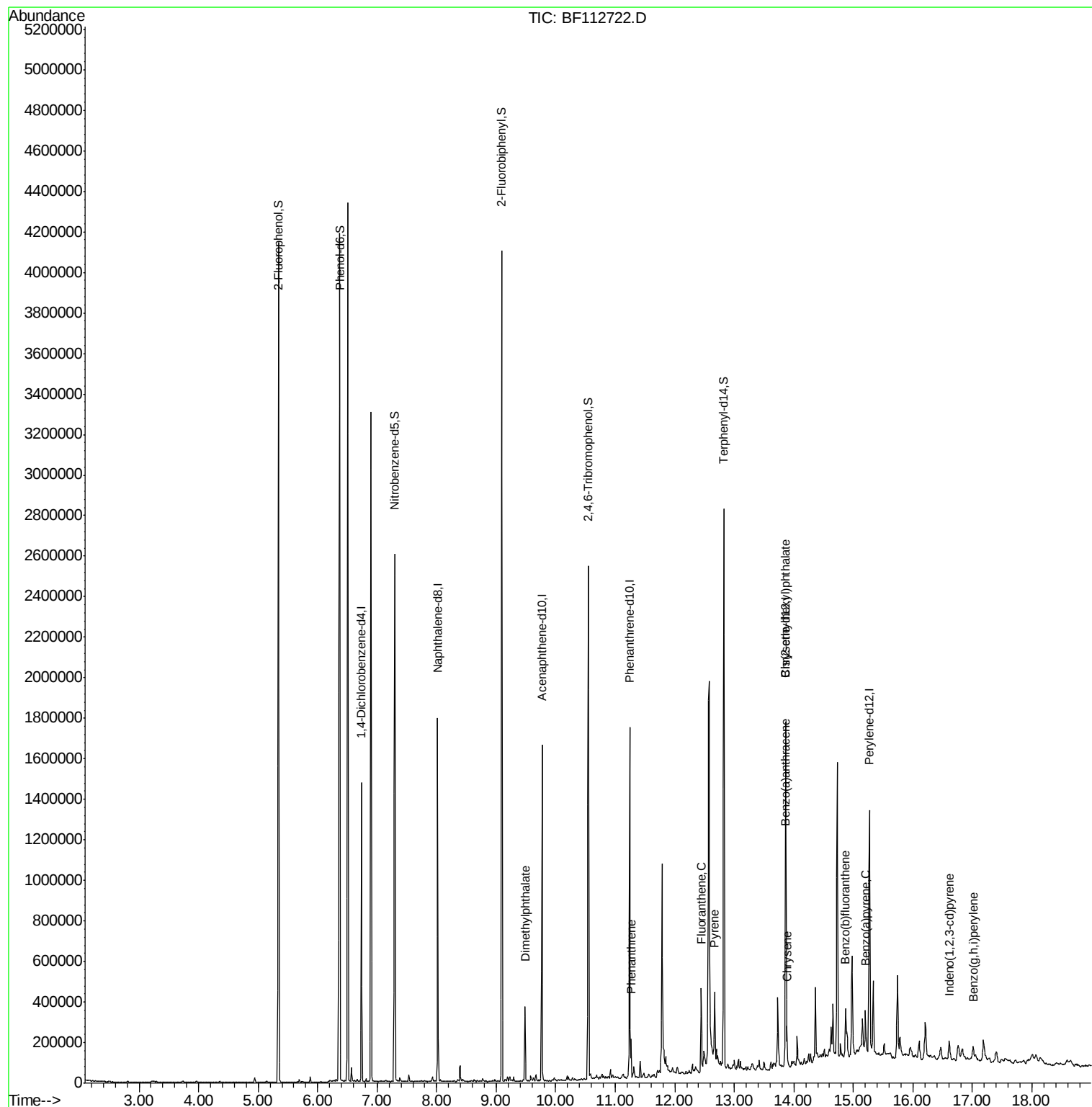
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112722.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

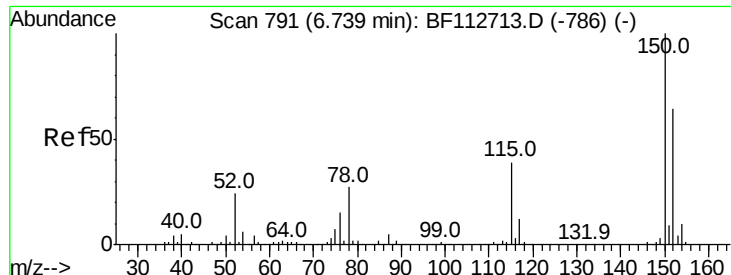
Instrument :
BNA_F
ClientSampleId :
SB-01-(0-6)

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Quant Time: Feb 28 02:54:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
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#1

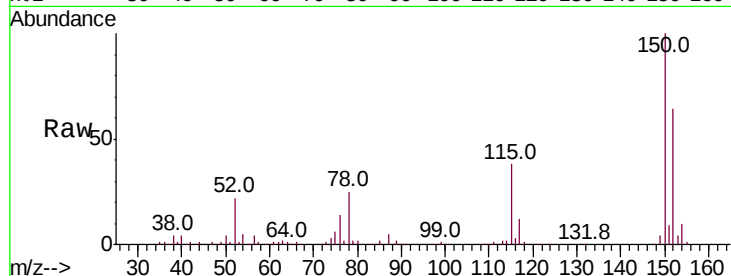
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112722.D
Acq: 27 Feb 2019 16:38

Instrument :
BNA_F
ClientSampled :
SB-01-(0-6)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.2	186.2
115	59.6	48.2	72.4

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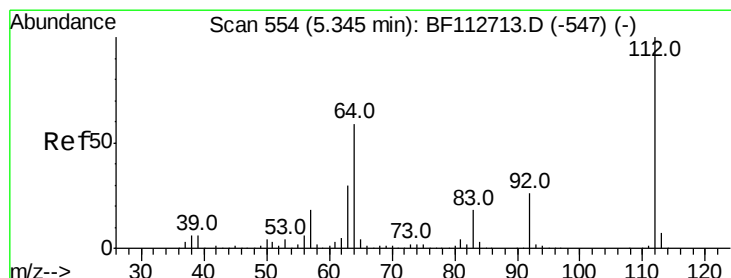
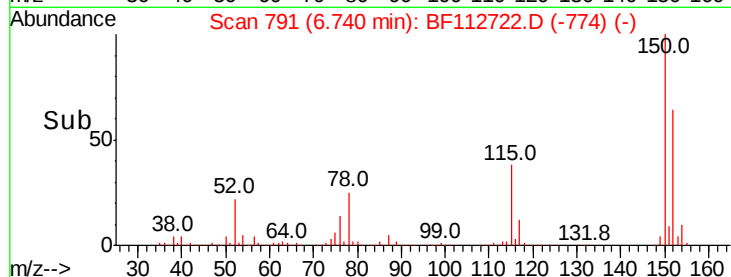
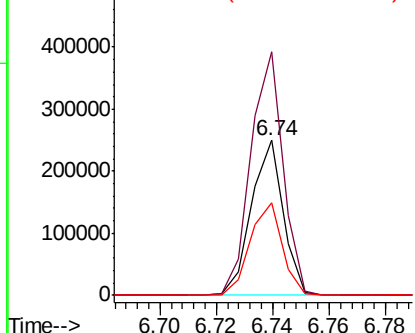


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

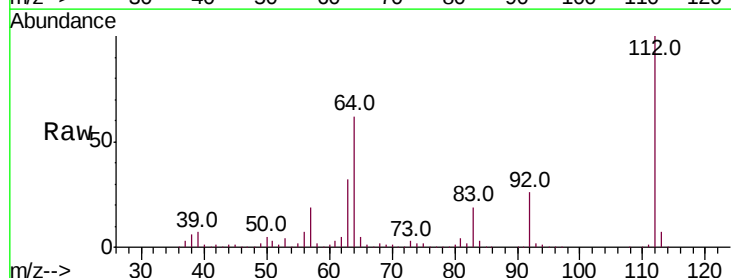
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.788 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112722.D
Acq: 27 Feb 2019 16:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.6	71.4
63	31.8	24.4	36.6

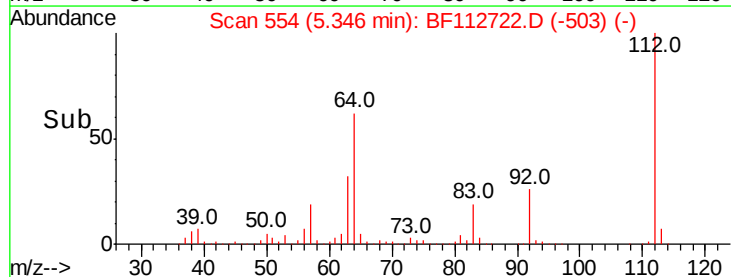
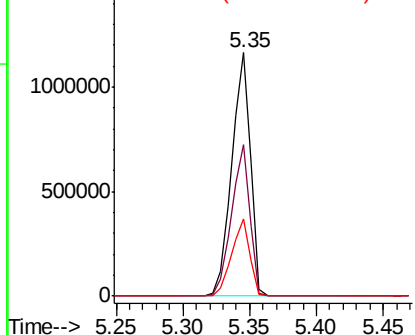


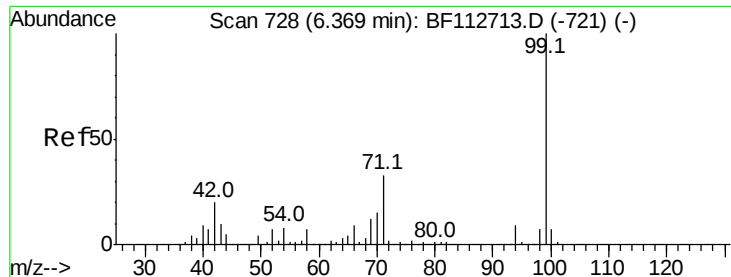
Abundance

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: 91.643 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112722.D

Acq: 27 Feb 2019 16:38

Instrument :

BNA_F

ClientSampleId :

SB-01-(0-6)

Tot Ion: 99 Resp: 1445842

Ion Ratio Lower Upper

99 100

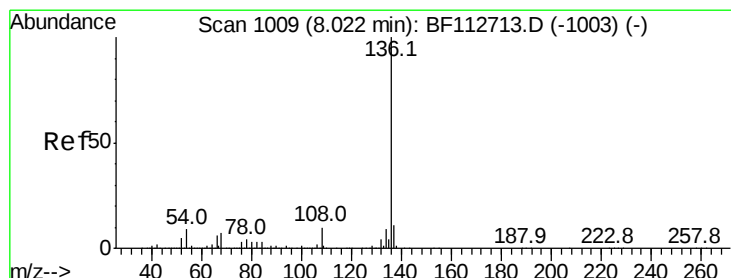
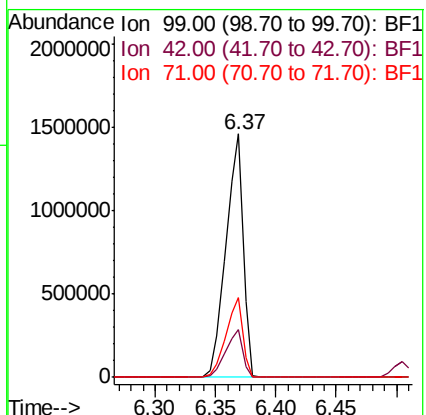
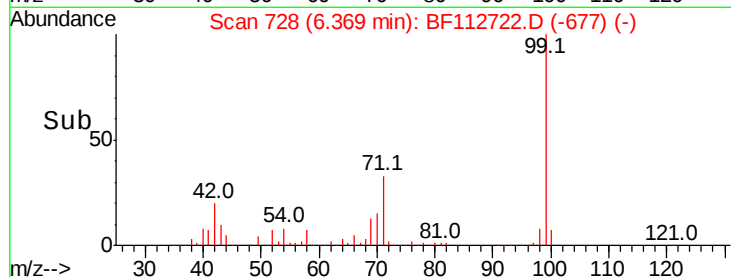
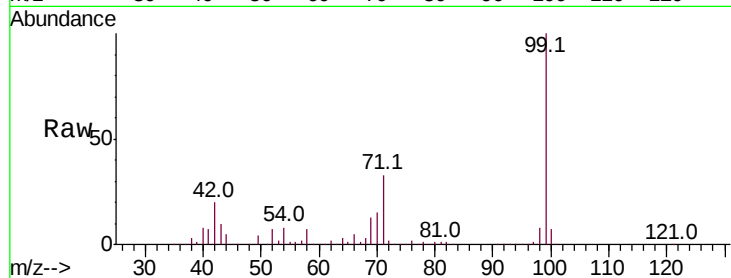
42 19.7 16.3 24.5

71 32.7 26.2 39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112722.D

Acq: 27 Feb 2019 16:38

Tgt Ion: 136 Resp: 744671

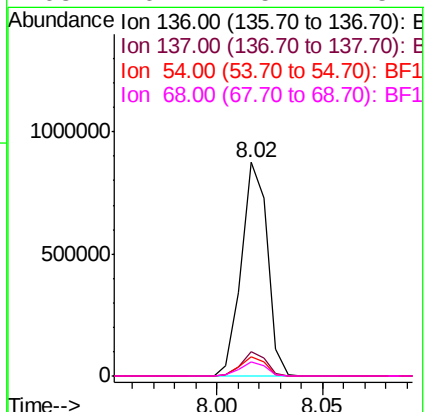
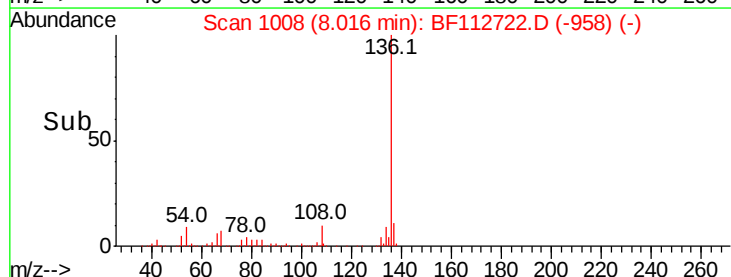
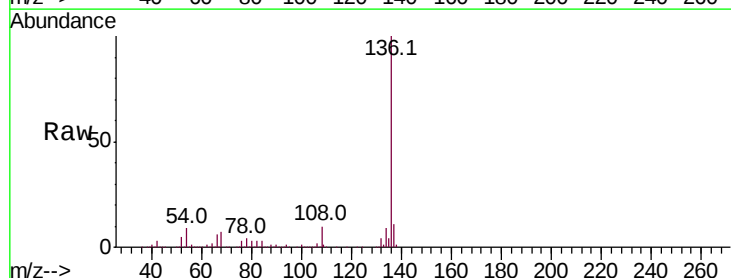
Ion Ratio Lower Upper

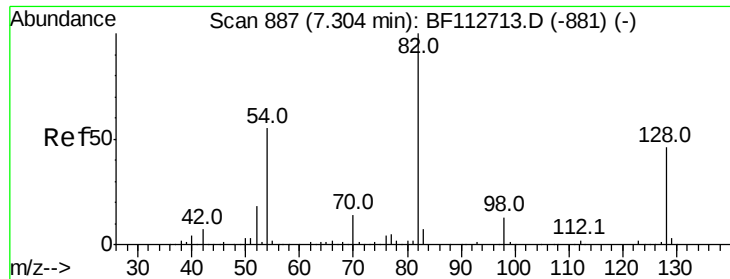
136 100

137 11.3 8.9 13.3

54 9.2 7.3 10.9

68 6.7 5.4 8.2





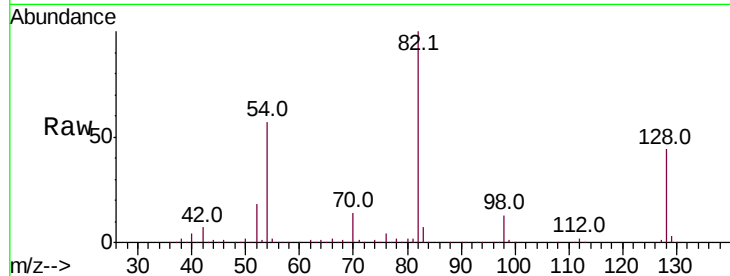
#23
Nitrobenzene-d5
Concen: 68.908 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112722.D
Acq: 27 Feb 2019 16:38

Instrument :
BNA_F
ClientSampled :
SB-01-(0-6)

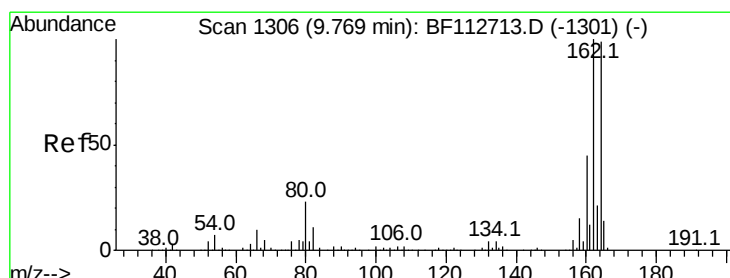
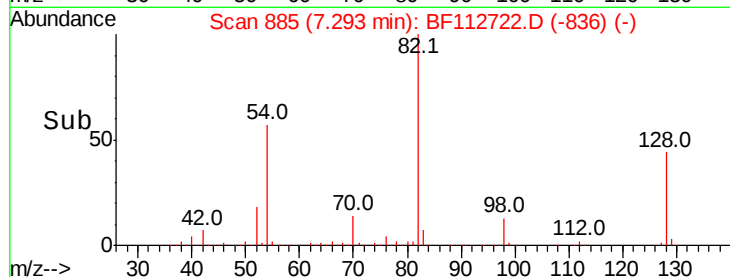
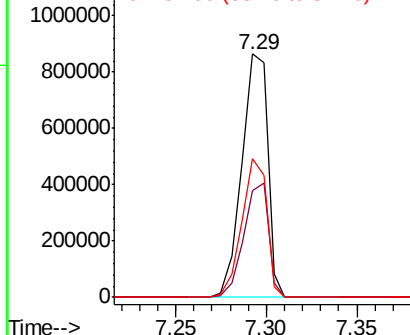
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.3	54.5
54	56.9	43.7	65.5

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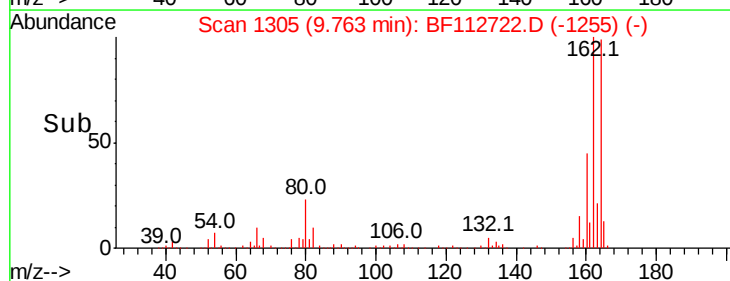
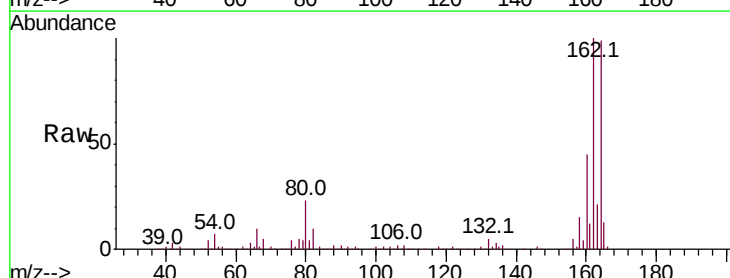
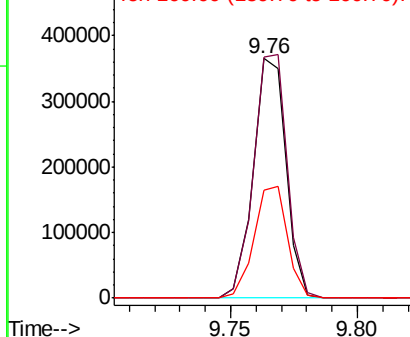
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

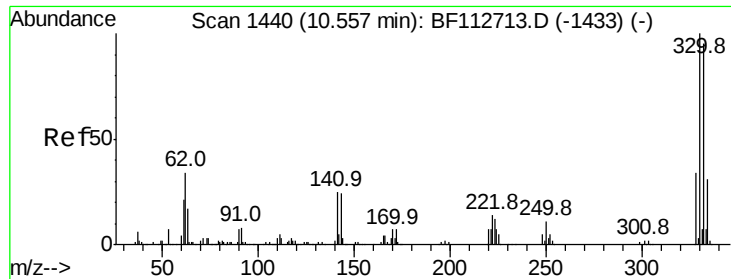


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112722.D
Acq: 27 Feb 2019 16:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	45.0	36.0	54.0

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





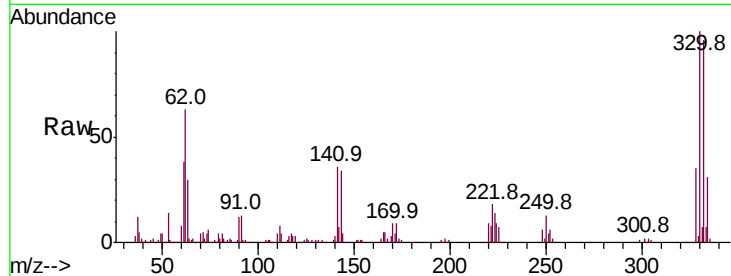
#42
 2,4,6-Tribromophenol
 Concen: 84.522 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112722.D
 Acq: 27 Feb 2019 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-(0-6)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	296150		
332	96.2	76.2	114.4	
141	32.9	27.0	40.6	

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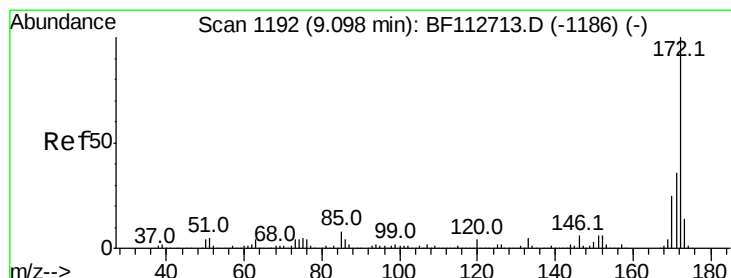
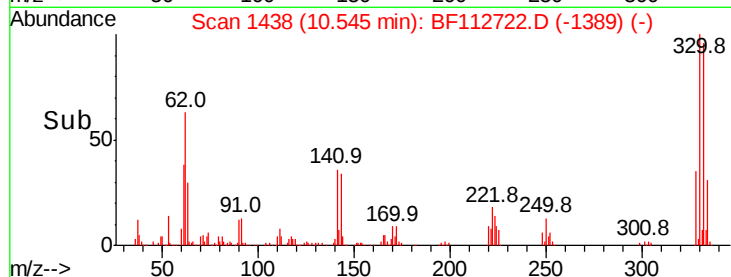
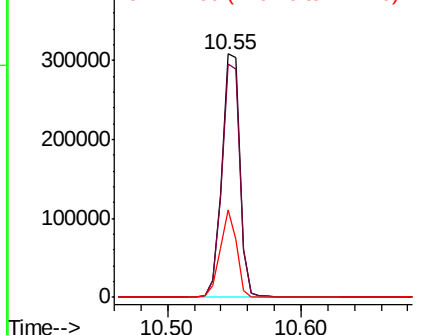


Abundance

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: 56.570 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112722.D
 Acq: 27 Feb 2019 16:38

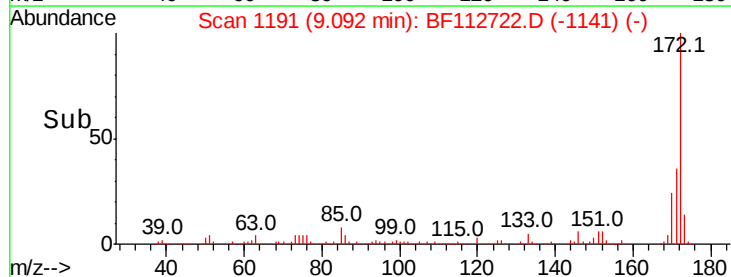
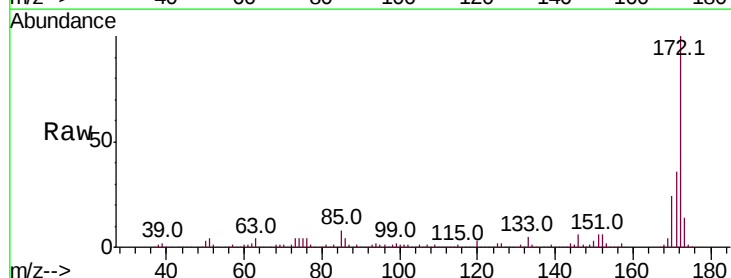
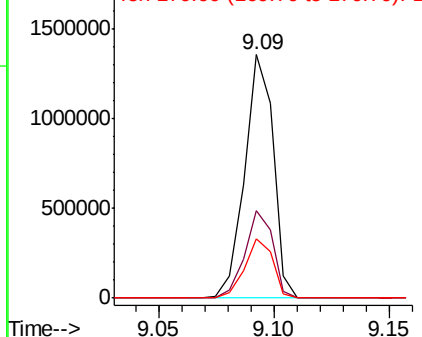
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1172758		
171	35.7	29.0	43.4	
170	24.5	20.0	30.0	

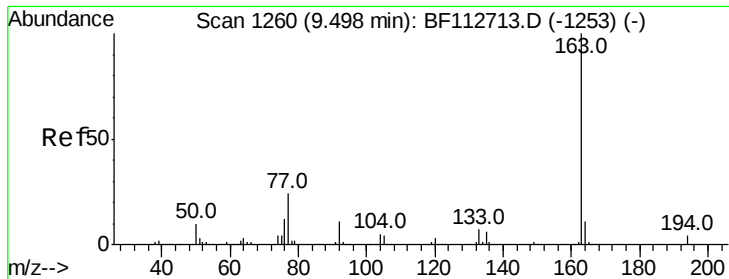
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





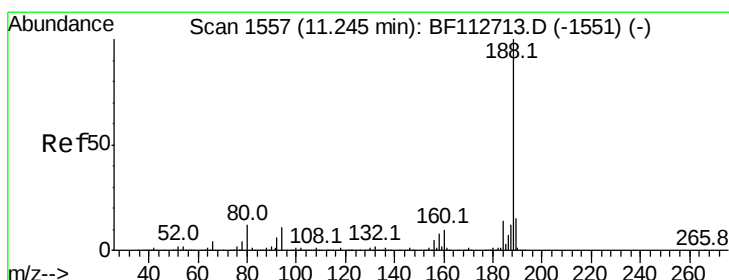
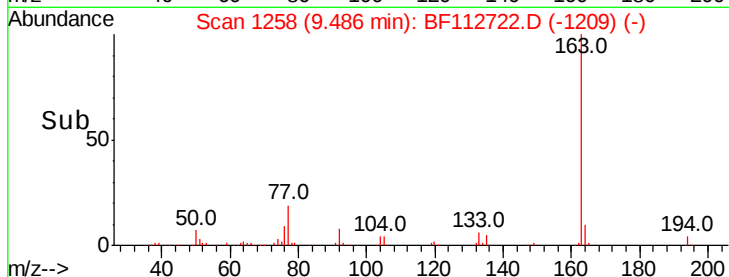
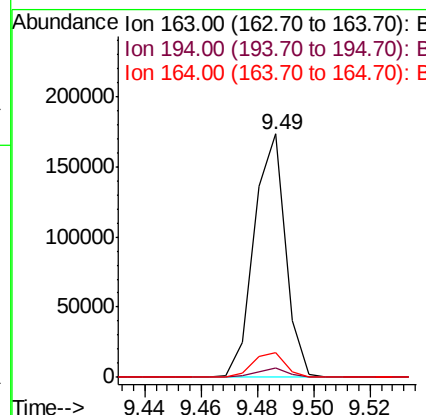
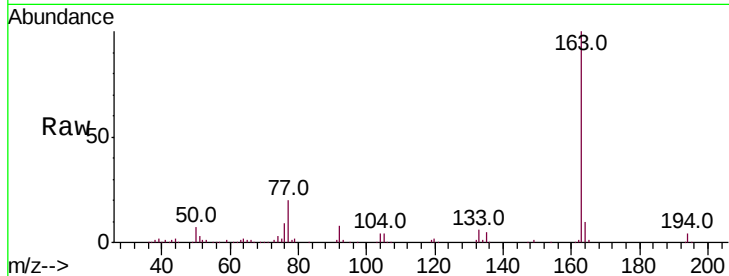
#50
Dimethylphthalate
Concen: 5.479 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112722.D
Acq: 27 Feb 2019 16:38

Instrument :
BNA_F
ClientSampleId :
SB-01-(0-6)

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	3.0	4.4	
164	10.2	8.4	12.6	

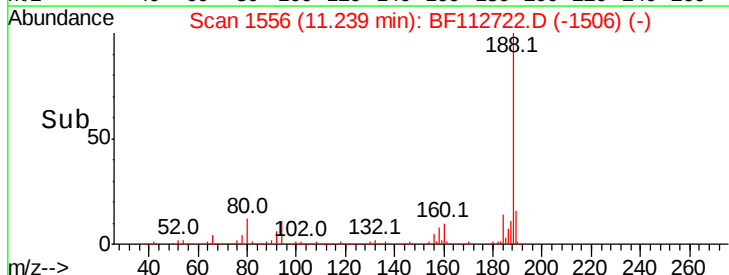
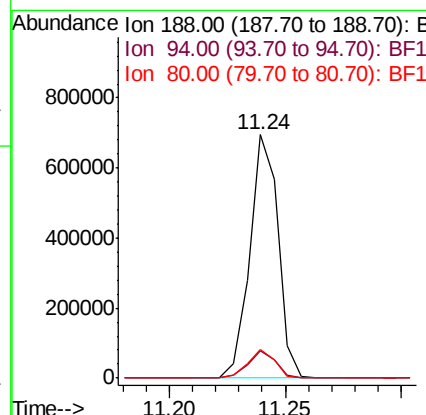
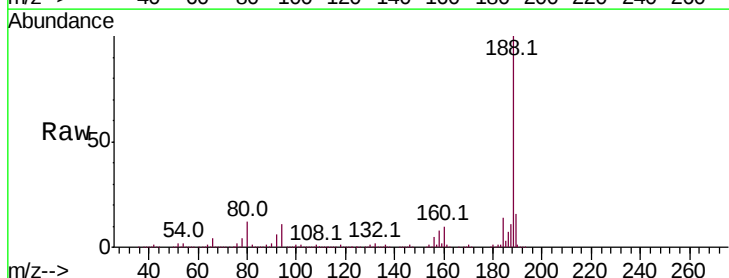
Manual Integrations
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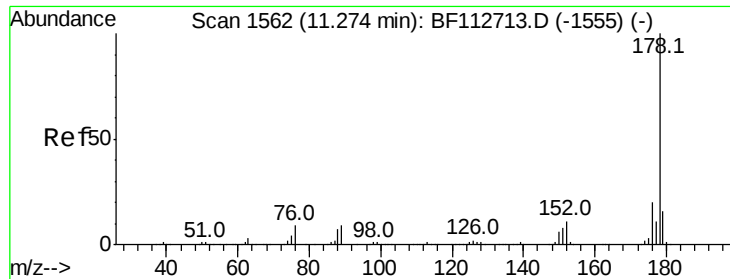
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112722.D
Acq: 27 Feb 2019 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	9.0	13.4	
80	11.9	9.2	13.8	





#71

Phenanthrene

Concen: 2.008 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF112722.D

Acq: 27 Feb 2019 16:38

Instrument :

BNA_F

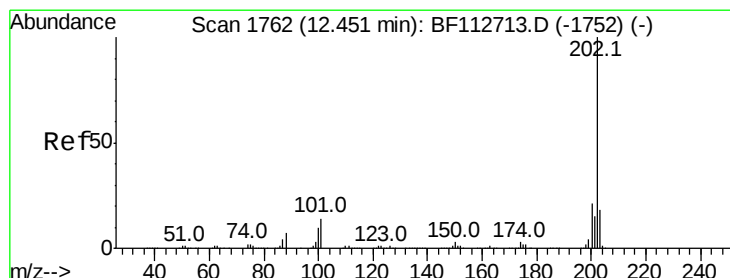
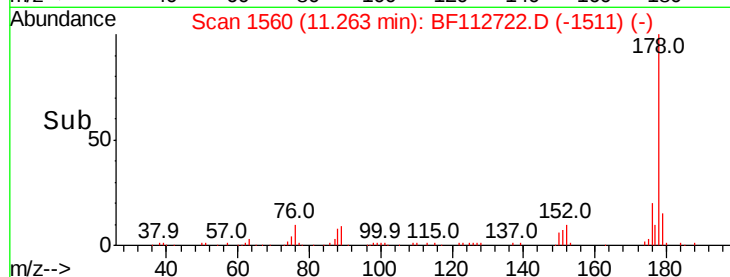
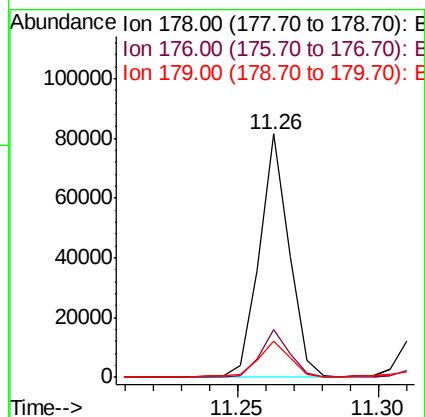
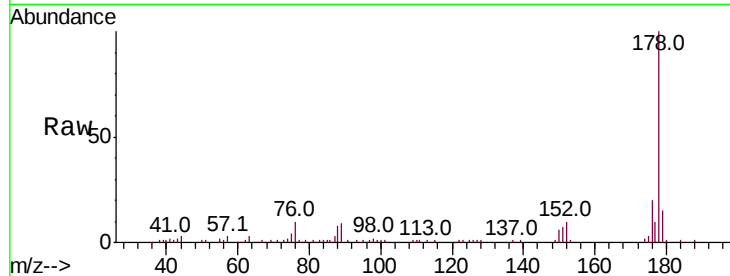
ClientSampled :

SB-01-(0-6)

Tot Ion:	178	Resp:	59318
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.3	24.5
179	14.8	12.7	19.1

Manual Integrations
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#75

Fluoranthene

Concen: 4.564 ng

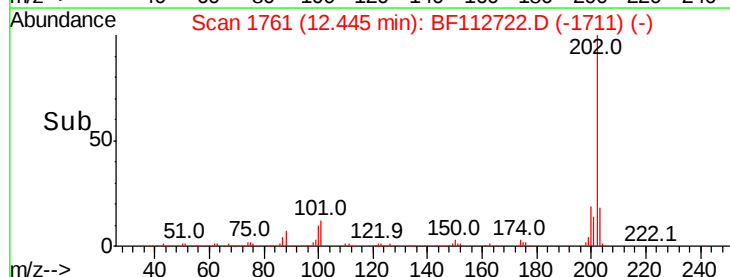
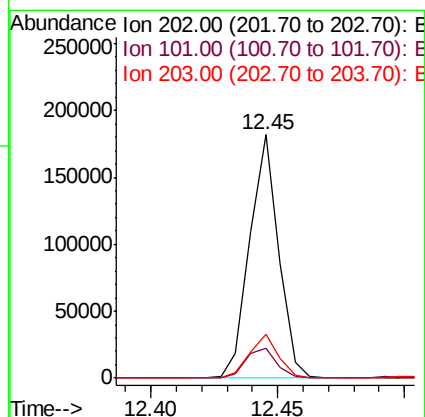
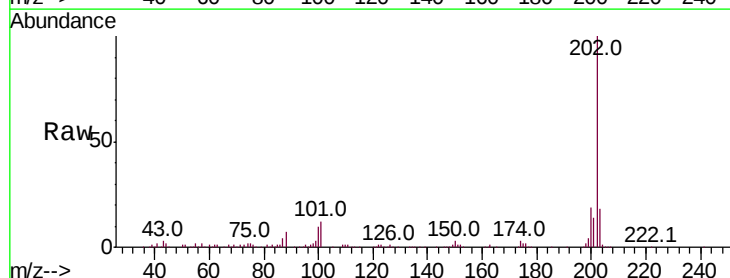
RT: 12.45 min Scan# 1761

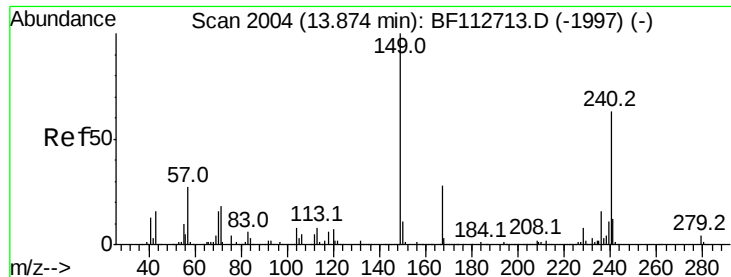
Delta R.T. -0.01 min

Lab File: BF112722.D

Acq: 27 Feb 2019 16:38

Tgt Ion:	202	Resp:	144464
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	33.8
203	17.9	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112722.D

Acq: 27 Feb 2019 16:38

Instrument :

BNA_F

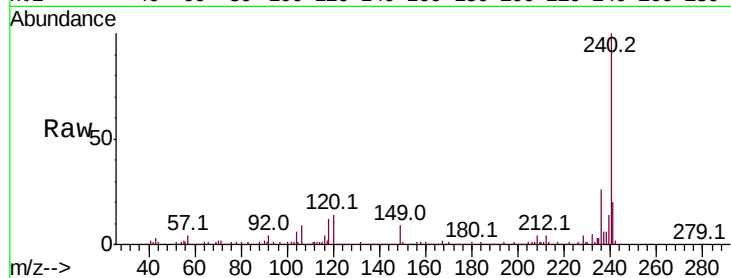
ClientSampleId :

SB-01-(0-6)

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.9	13.3
236	26.4	20.7	31.1

Manual Integrations
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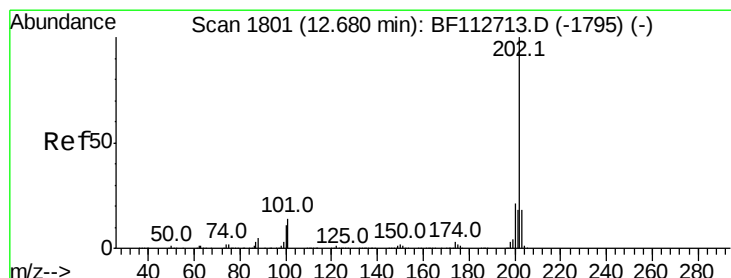
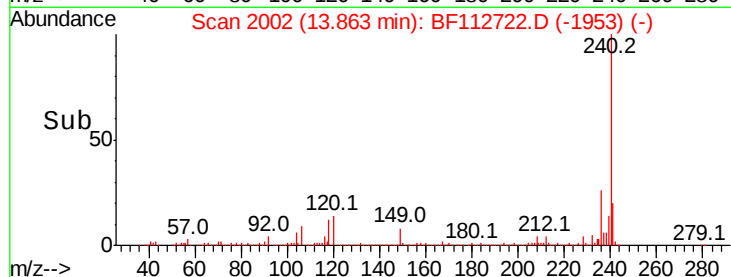
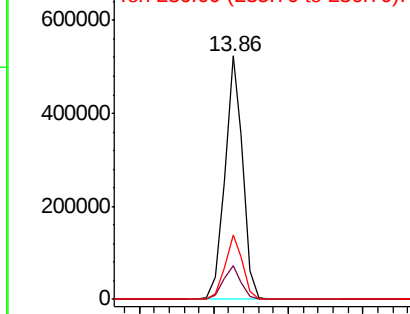


Abundance

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



#78

Pyrene

Concen: 3.382 ng

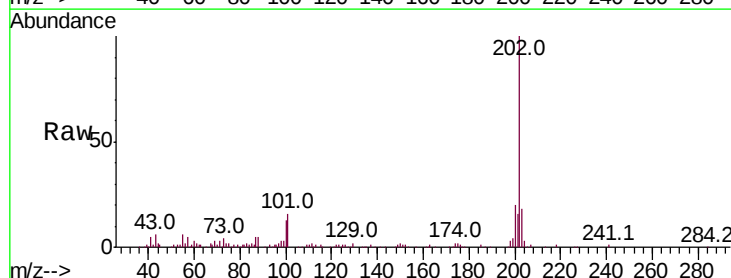
RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF112722.D

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Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.4
203	18.1	14.4	21.6

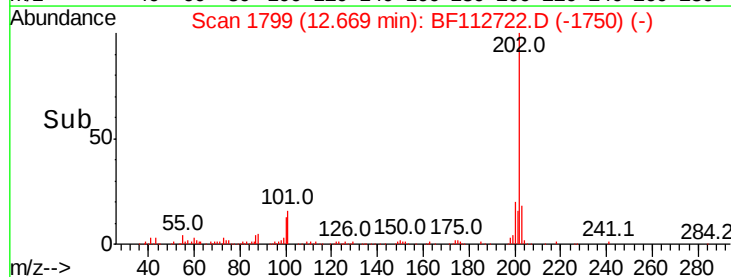
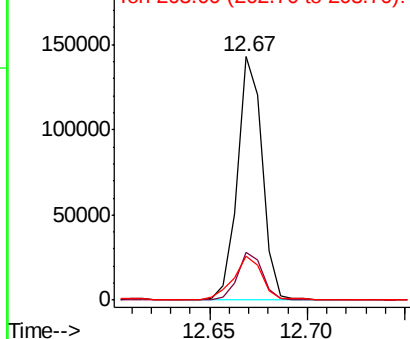


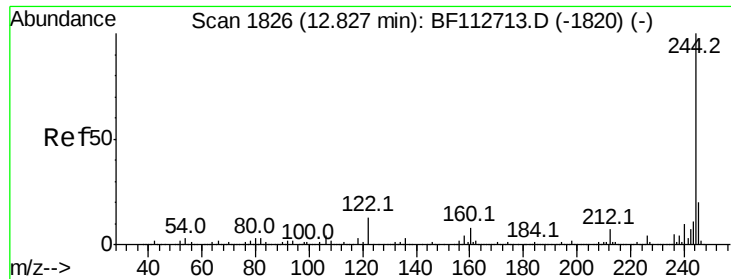
Abundance

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





#79

Terphenyl-d14

Concen: 39.221 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112722.D

Acq: 27 Feb 2019 16:38

Instrument :

BNA_F

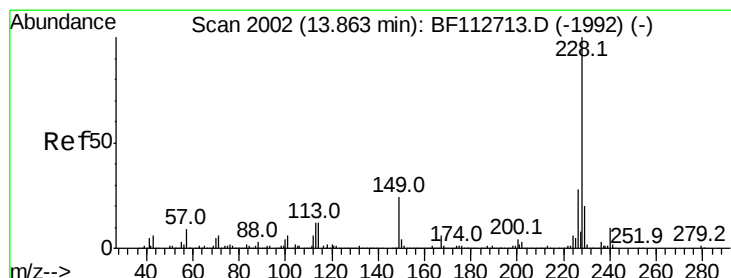
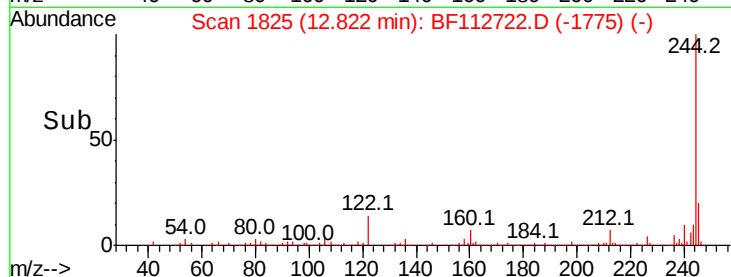
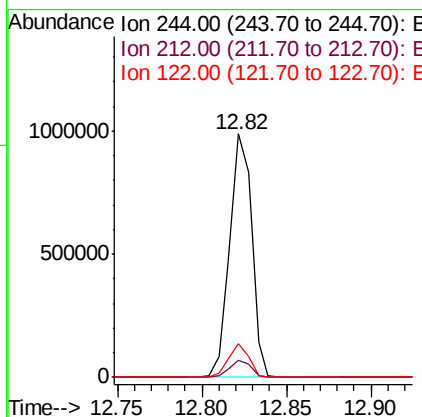
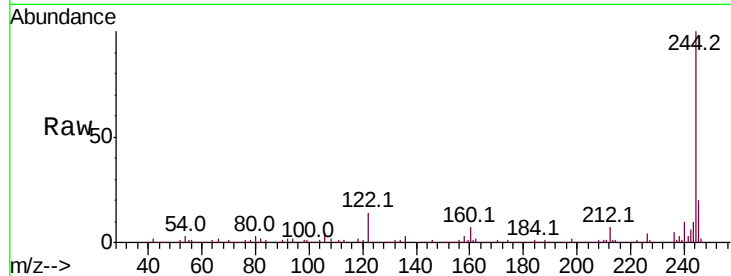
ClientSampled :

SB-01-(0-6)

Tot Ion:	244	Resp:	894272
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.6	8.4
122	13.6	10.5	15.7

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#81

Benzo(a)anthracene

Concen: 2.305 ng

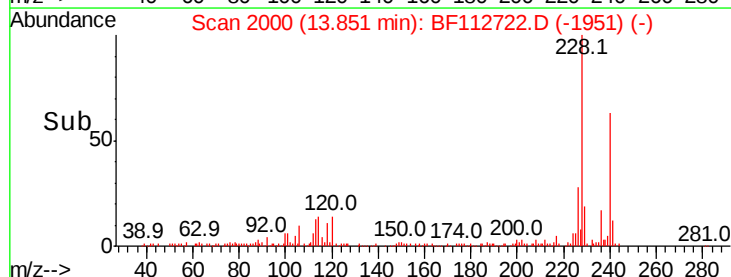
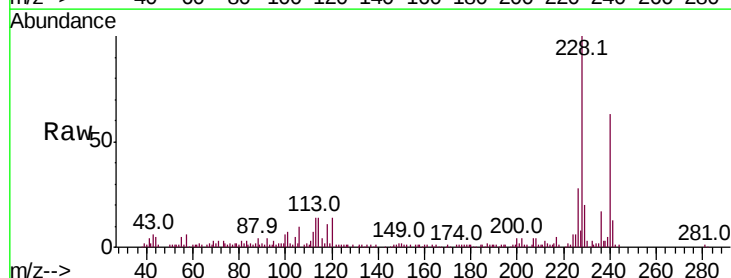
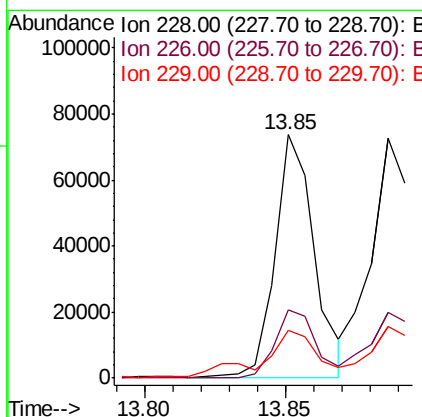
RT: 13.85 min Scan# 2000

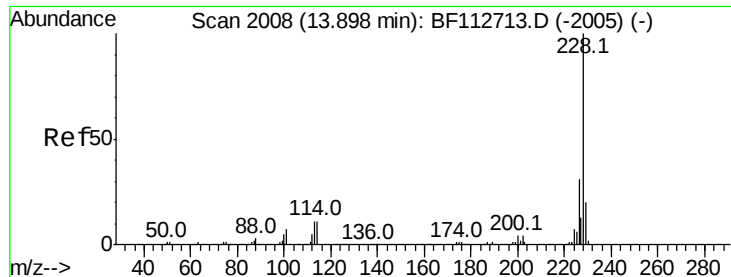
Delta R.T. -0.01 min

Lab File: BF112722.D

Acq: 27 Feb 2019 16:38

Tgt Ion:	228	Resp:	70603
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.2	33.4
229	19.5	16.0	24.0





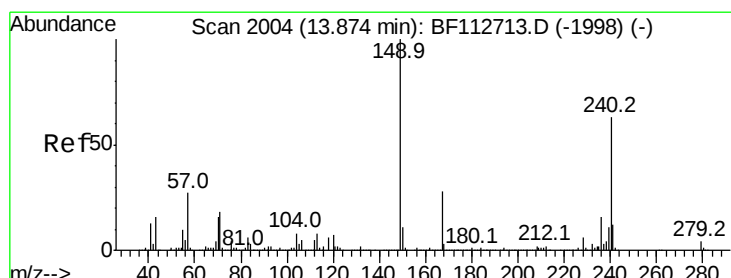
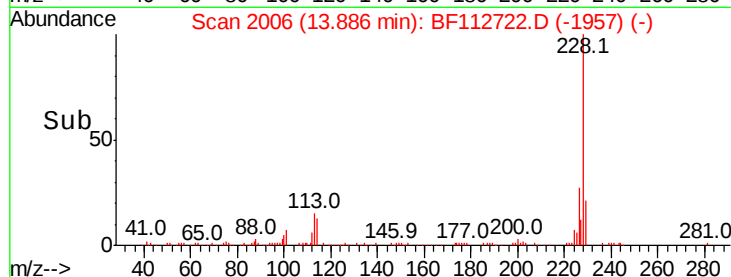
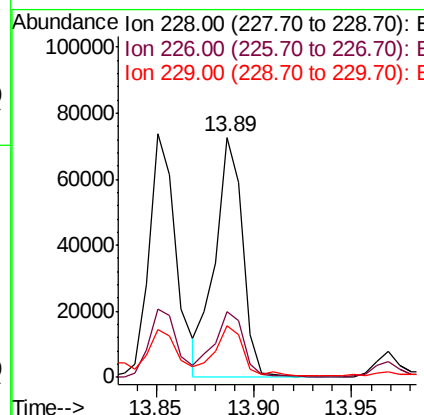
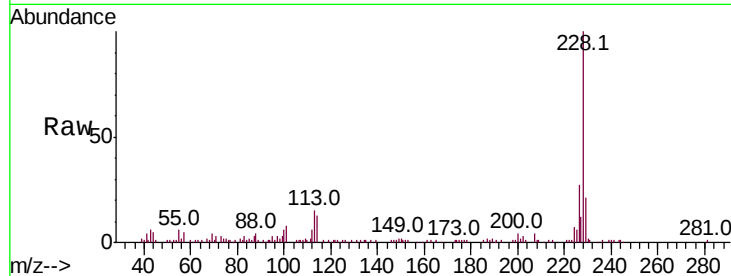
#83
Chrysene
Concen: 2.383 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112722.D
Acq: 27 Feb 2019 16:38

Instrument :
BNA_F
ClientSampleID :
SB-01-(0-6)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.9	37.3
229	21.3	16.3	24.5

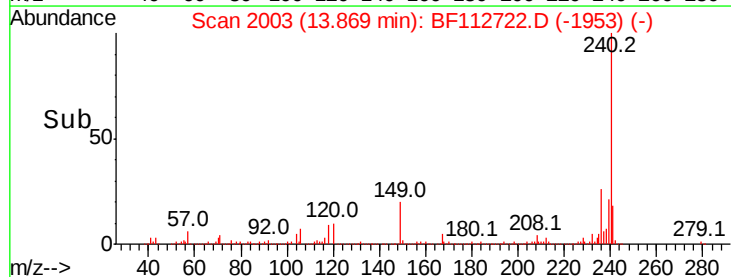
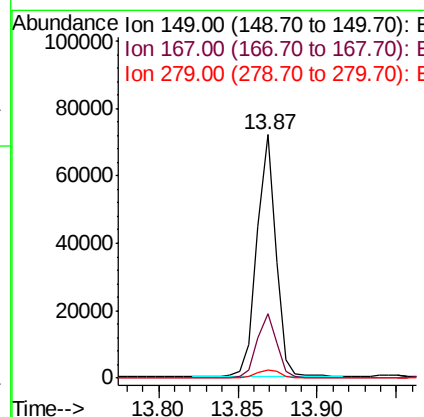
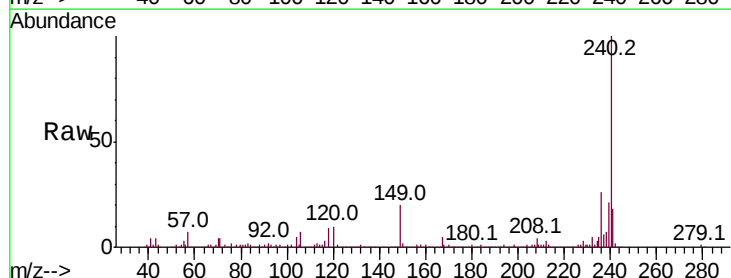
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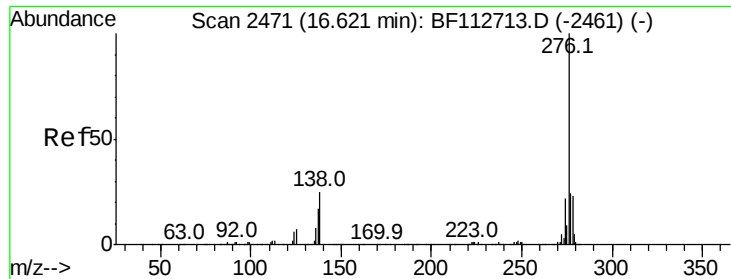
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.078 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112722.D
Acq: 27 Feb 2019 16:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.4	33.6
279	3.5	3.3	4.9





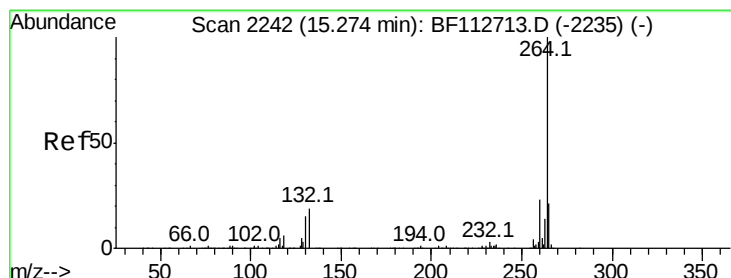
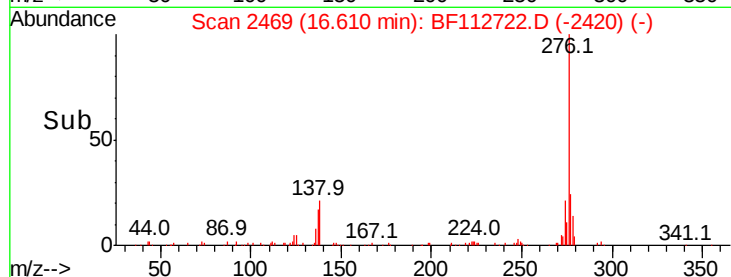
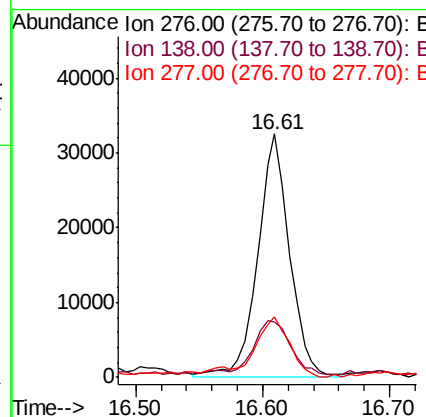
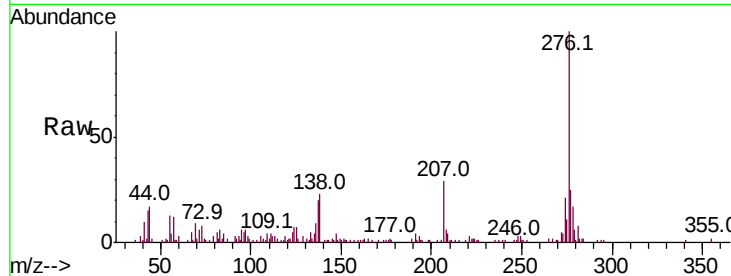
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.243 ng
 RT: 16.61 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BF112722.D
 Acq: 27 Feb 2019 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-(0-6)

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	23.2	34.8
277	25.7	19.9	29.9

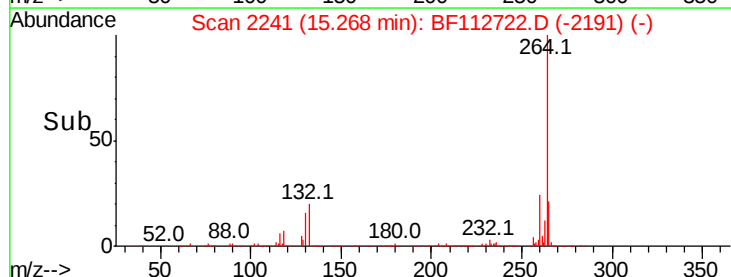
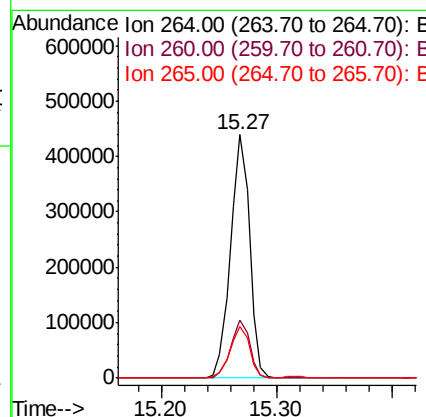
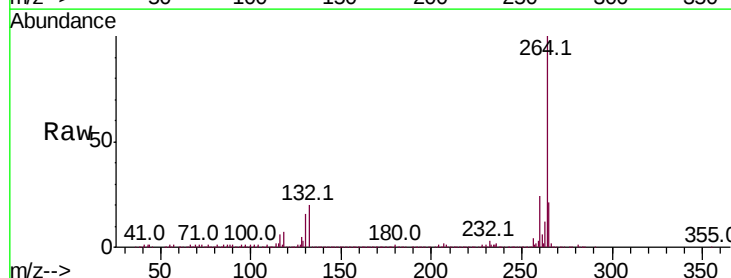
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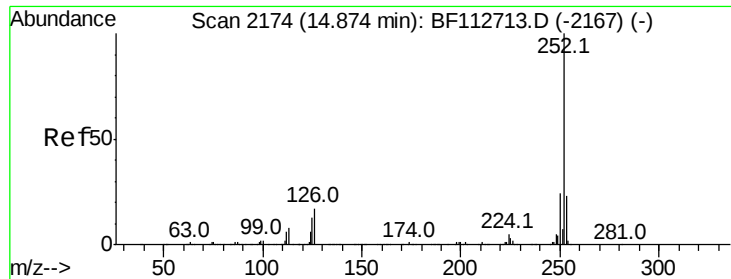
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112722.D
 Acq: 27 Feb 2019 16:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.3	17.2	25.8





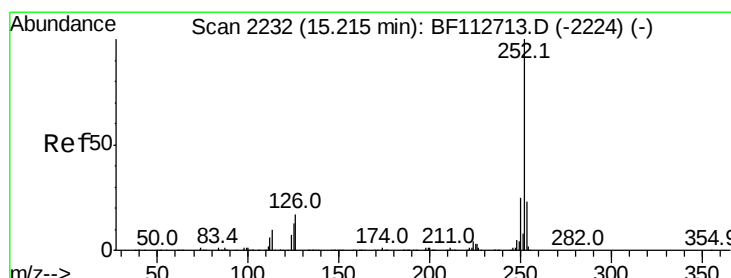
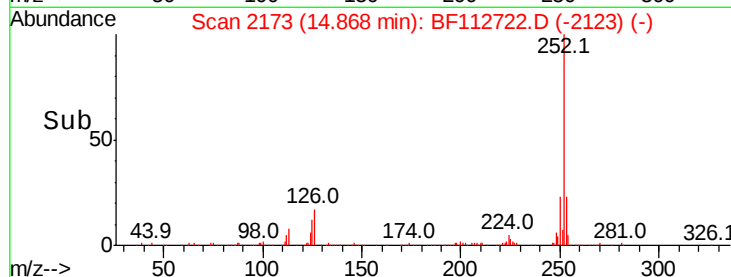
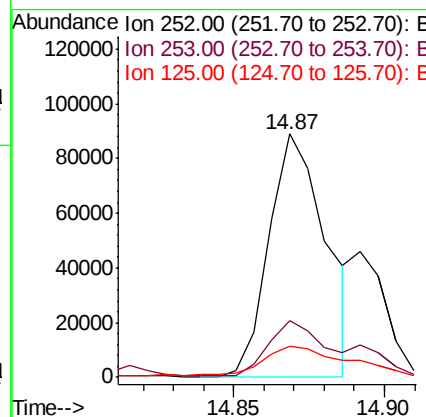
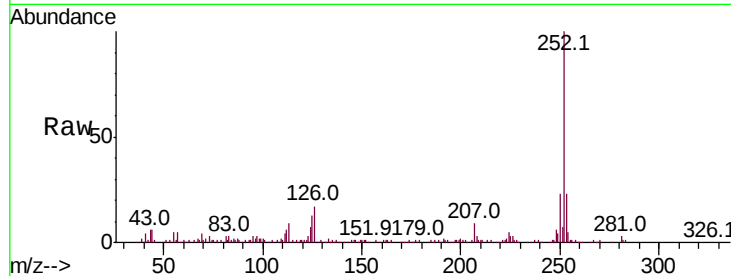
#88
Benzo(b)fluoranthene
Concen: 3.608 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112722.D
Acq: 27 Feb 2019 16:38

Instrument :
BNA_F
ClientSampleId :
SB-01-(0-6)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.9	10.2	15.2

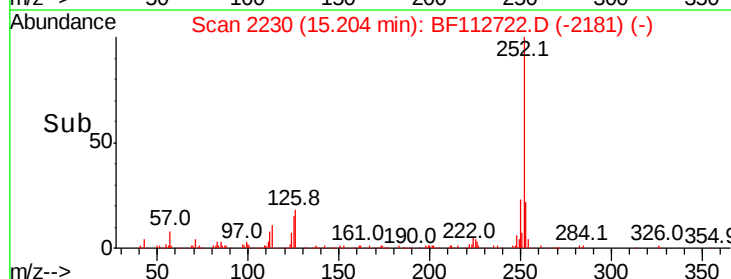
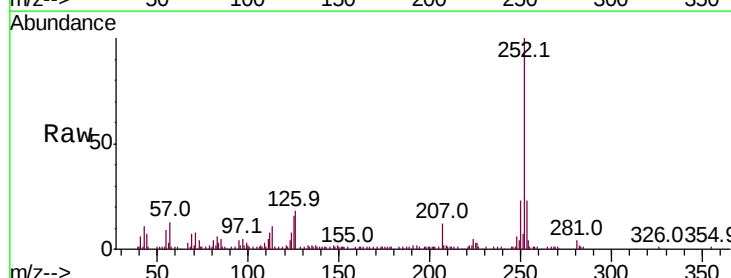
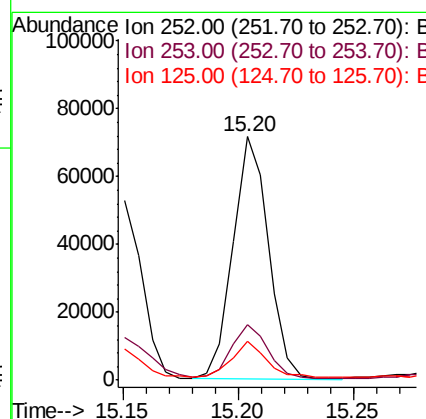
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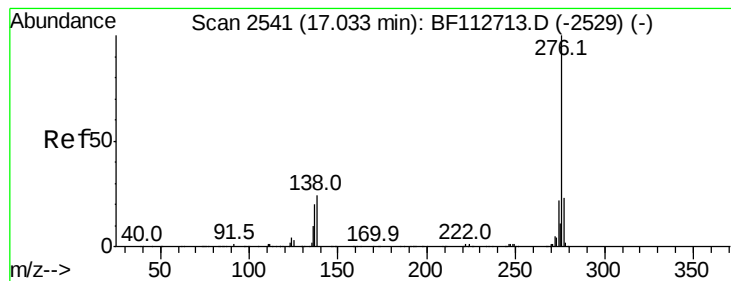
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#90
Benzo(a)pyrene
Concen: 2.664 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF112722.D
Acq: 27 Feb 2019 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	15.8	10.7	16.1





#92

Benzo(a,h,i)perylene

Concen: 2.136 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BF112722.D

Acq: 27 Feb 2019 16:38

Instrument :

BNA_F

ClientSampleId :

SB-01-(0-6)

Tot Ion:	276	Resp:	52862
Ion Ratio		Lower	Upper
276	100		
277	23.1	18.6	27.8
138	25.2	19.4	29.0

Manual Integrations
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