

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103344.D
 Acq On : 1 Mar 2018 18:37
 Operator : SJ/JU
 Sample : J1721-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-46

Manual Integrations
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Quant Time: Mar 02 10:08:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	128790	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	492613	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	182430	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	282076	20.00	ng	0.00
75) Chrysene-d12	14.06	240	188108	20.00	ng	0.00
86) Perylene-d12	15.57	264	135952	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	810250	95.15	ng	0.01
7) Phenol-d6	6.52	99	936537	89.88	ng	0.00
23) Nitrobenzene-d5	7.44	82	578444	67.06	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	118848	76.97	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	794257	72.37	ng	0.00
78) Terphenyl-d14	13.00	244	606575	77.52	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.63	163	64830	4.430	ng	100
70) Phenanthrene	11.43	178	147632	9.510	ng	99
71) Anthracene	11.49	178	54180	3.404	ng	97
74) Fluoranthene	12.63	202	301959	19.357	ng	98
77) Pyrene	12.86	202	315831	21.535	ng	99
80) Benzo(a)anthracene	14.05	228	128011	10.488	ng	97
82) Chrysene	14.09	228	119999	10.126	ng	95
83) Bis(2-ethylhexyl)phthalate	14.02	149	22695	2.170	ng	97
85) Indeno(1,2,3-cd)pyrene	17.10	276	48241	5.142	ng	95
87) Benzo(b)fluoranthene	15.13	252	114707m	12.833	ng	
88) Benzo(k)fluoranthene	15.15	252	35512m	4.219	ng	
89) Benzo(a)pyrene	15.50	252	75438	9.451	ng	# 83
91) Benzo(a,h,i)perylene	17.57	276	44617	7.401	ng	92

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

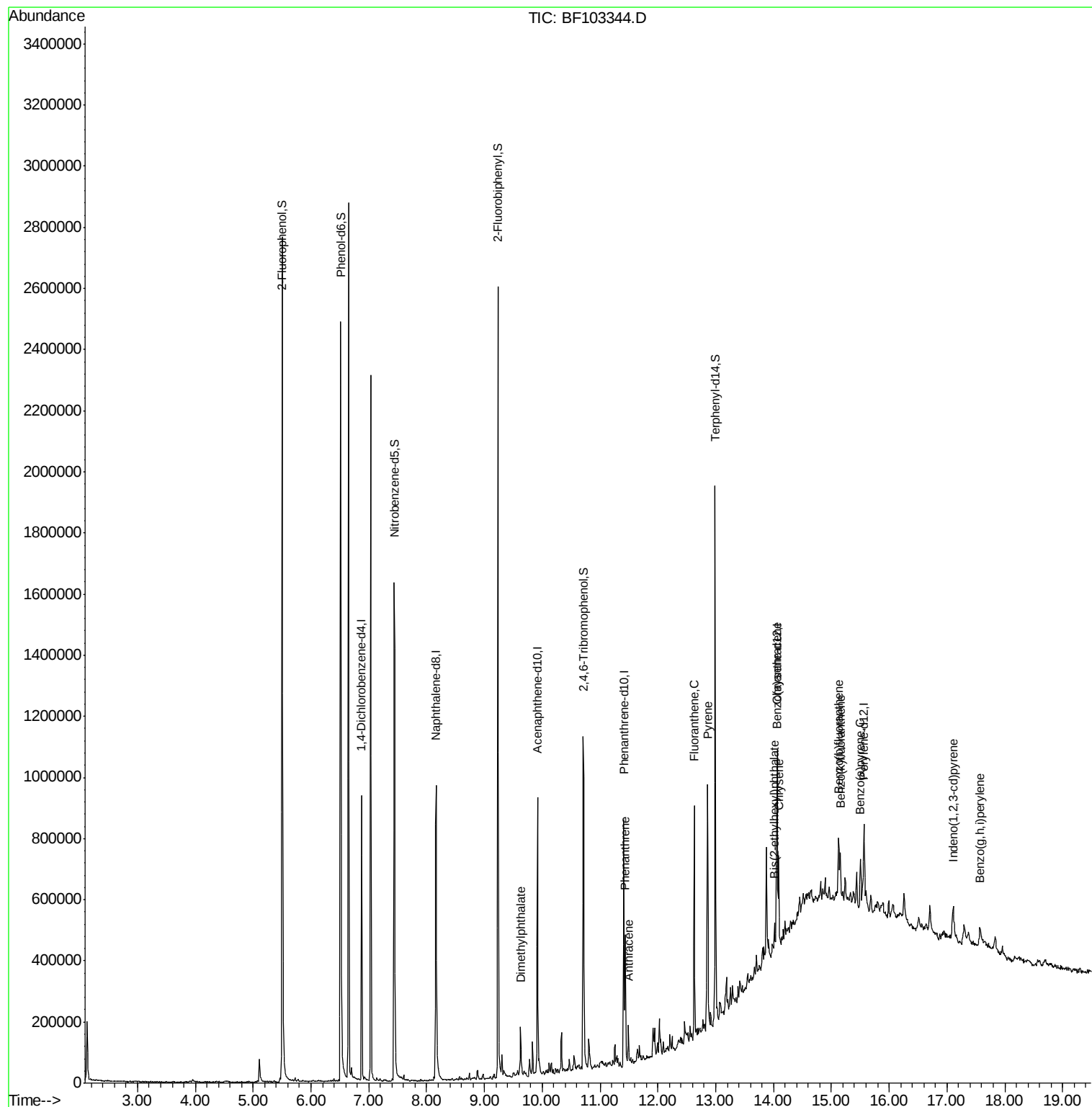
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103344.D
Acq On : 1 Mar 2018 18:37
Operator : SJ/JU
Sample : J1721-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

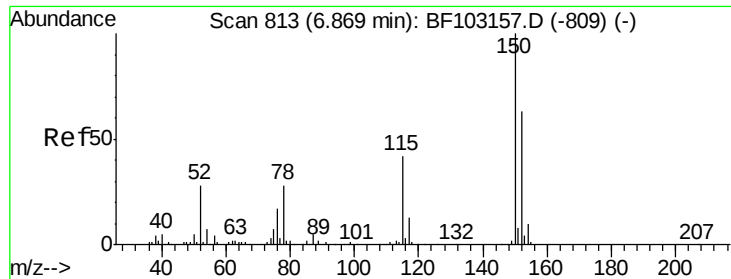
Instrument :
BNA_F
ClientSampleId :
SP-46

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Quant Time: Mar 02 10:08:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration





#1

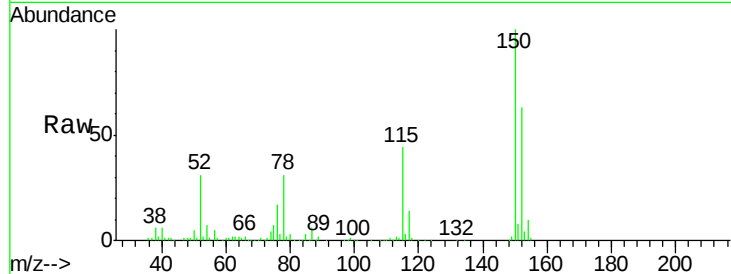
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103344.D
Acq: 1 Mar 2018 18:37

Instrument :
BNA_F
ClientSampled :
SP-46

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	69.4	50.1	75.1

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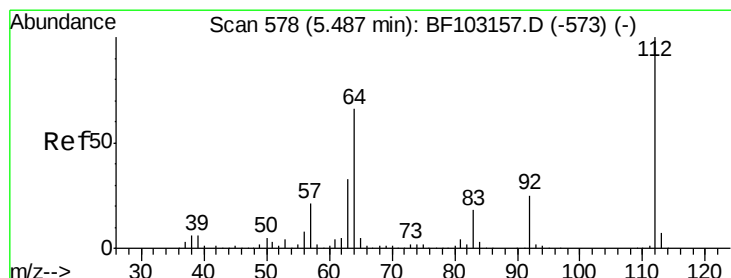
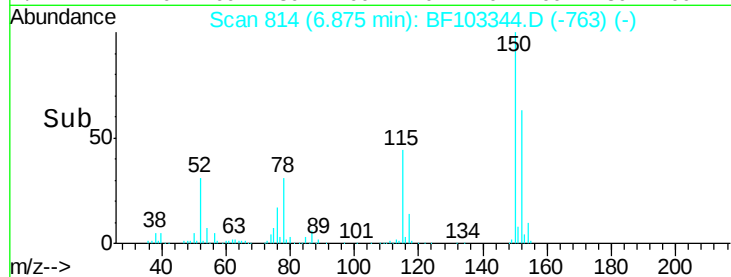
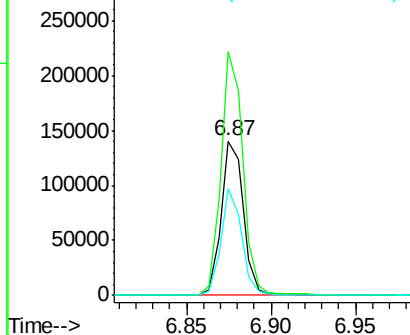


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

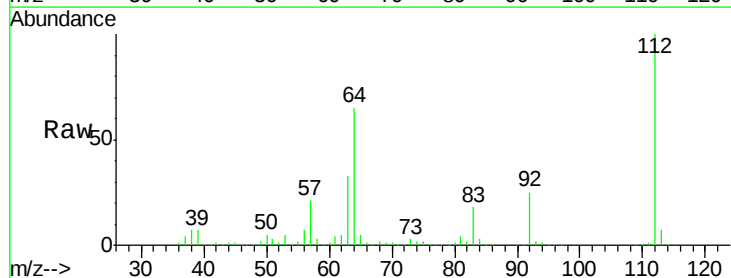
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.151 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103344.D
Acq: 1 Mar 2018 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.4	23.7	35.5

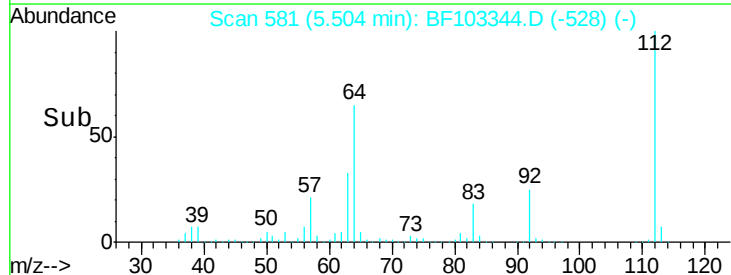
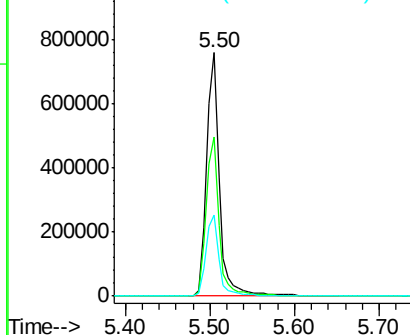


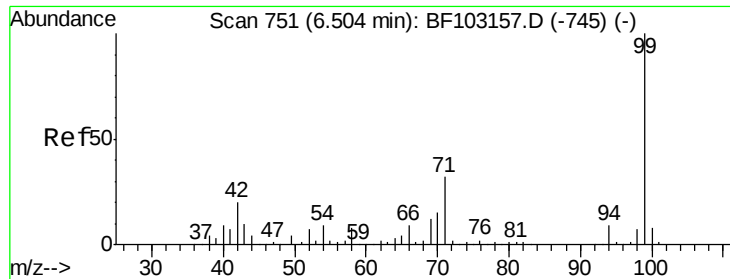
Abundance

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: 89.879 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103344.D

Acq: 1 Mar 2018 18:37

Instrument :

BNA_F

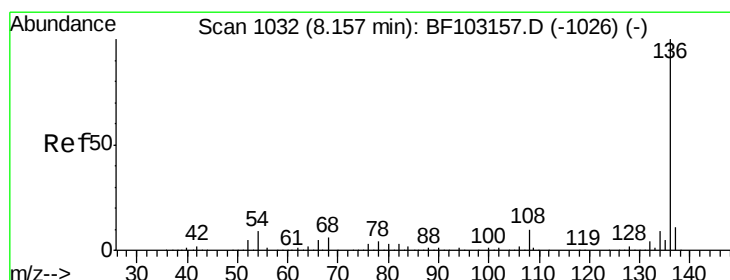
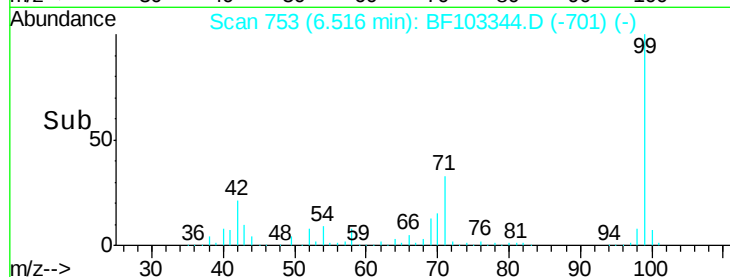
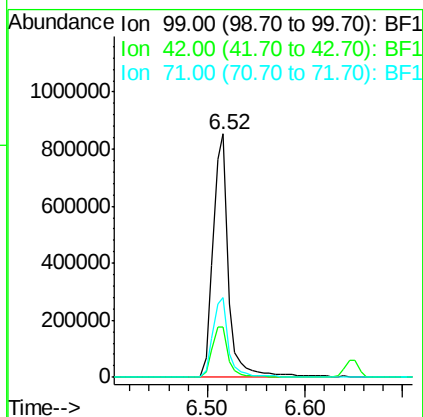
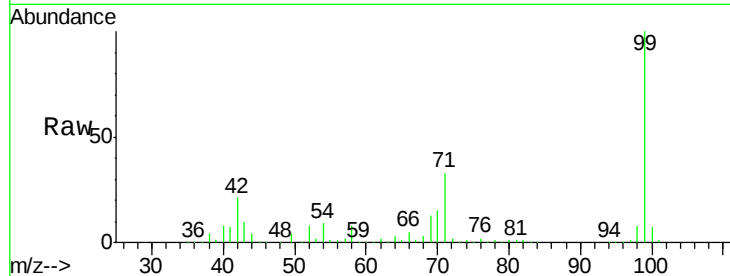
ClientSampled :

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Tot Ion:	99	Resp:	936537
Ion Ratio	Lower	Upper	
99	100		
42	20.8	14.5	21.7
71	32.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

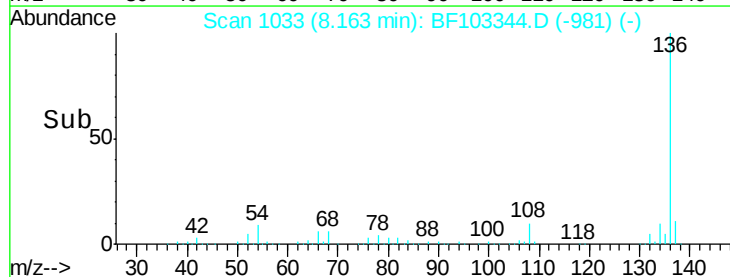
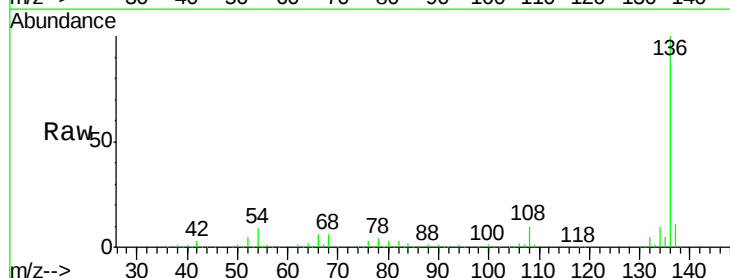
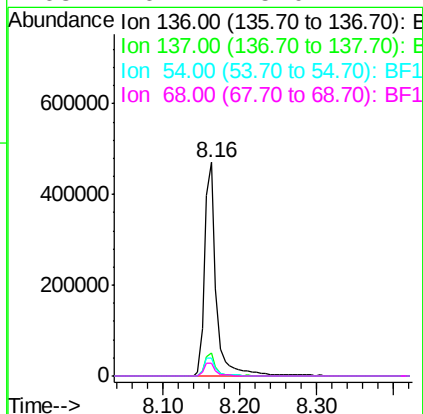
RT: 8.16 min Scan# 1033

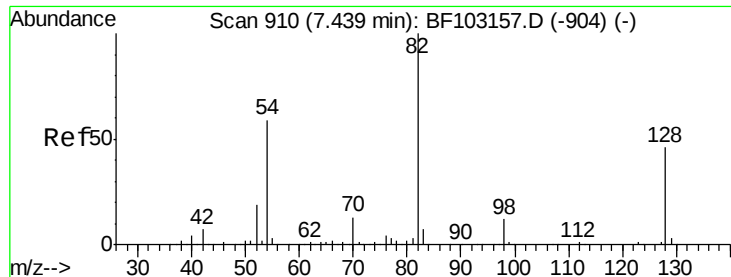
Delta R.T. 0.01 min

Lab File: BF103344.D

Acq: 1 Mar 2018 18:37

Tgt Ion:	136	Resp:	492613
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	6.1	5.0	7.4





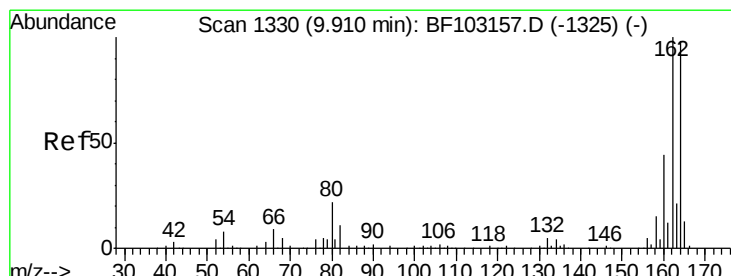
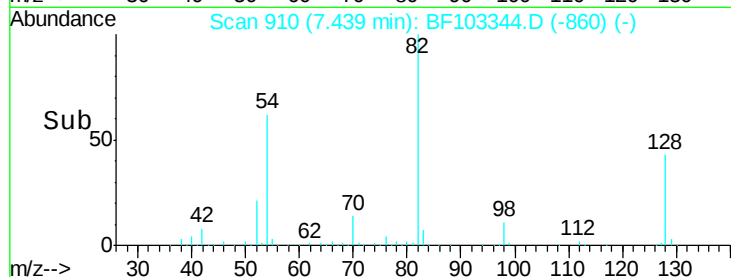
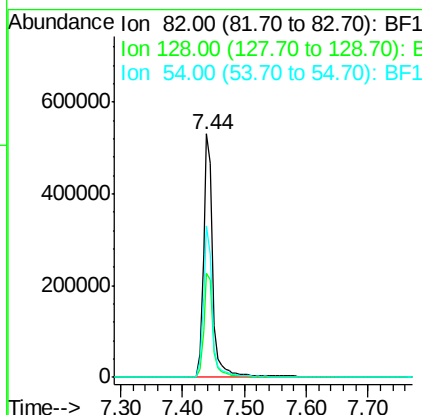
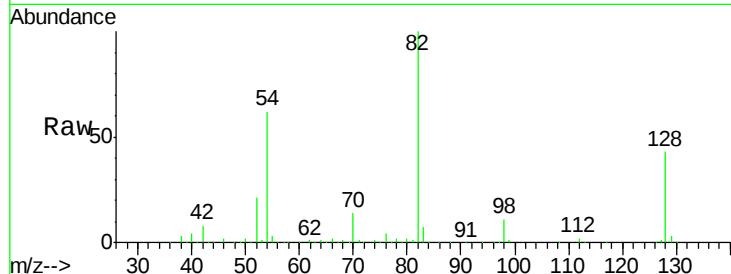
#23
 Nitrobenzene-d5
 Concen: 67.059 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103344.D
 Acq: 1 Mar 2018 18:37

Instrument :
 BNA_F
 ClientSampled :
 SP-46

Tot Ion	Ratio	Resp	Lower	Upper
82	100	578444		
128	42.8	36.1	54.1	
54	62.4	41.4	62.2#	

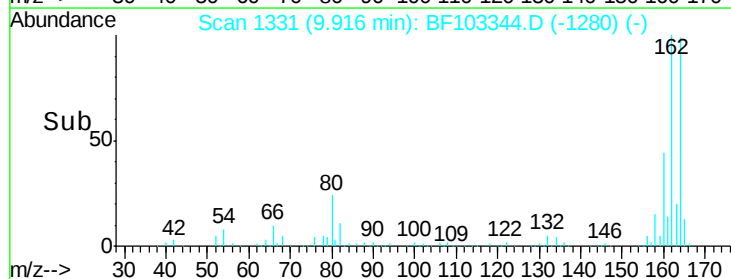
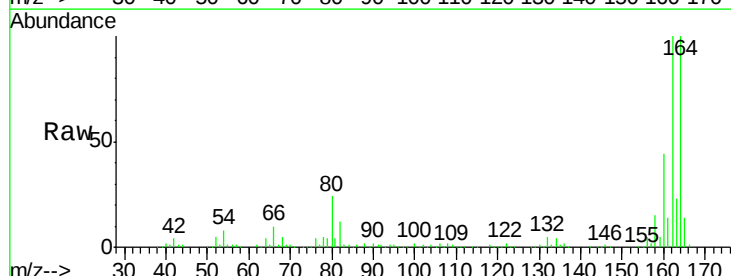
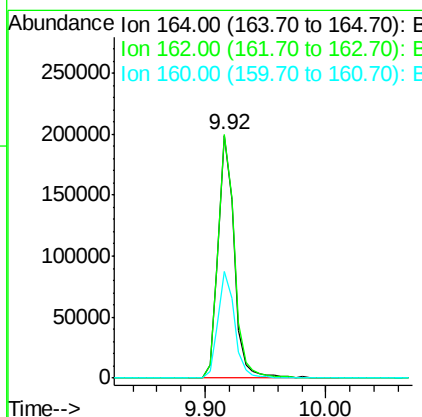
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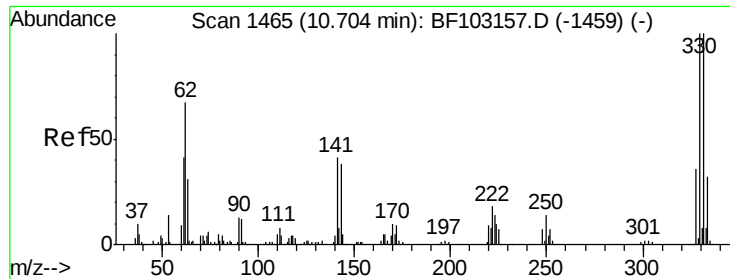
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF103344.D
 Acq: 1 Mar 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	182430		
162	100.2	86.1	129.1	
160	44.0	38.3	57.5	





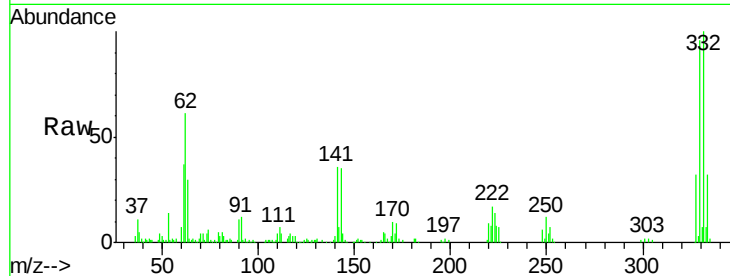
#41
 2,4,6-Tribromophenol
 Concen: 76.966 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103344.D
 Acq: 1 Mar 2018 18:37

Instrument :
 BNA_F
 ClientSampled :
 SP-46

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.6	77.0	115.6	
141	47.2	29.9	44.9	

Manual Integrations
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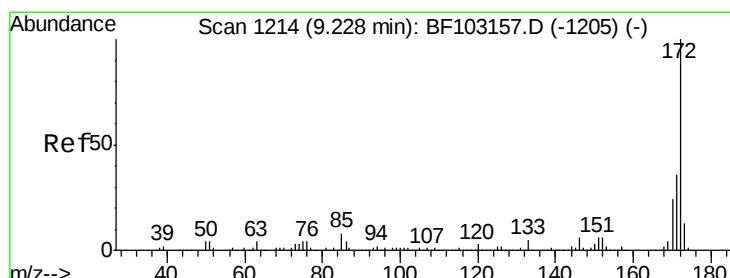
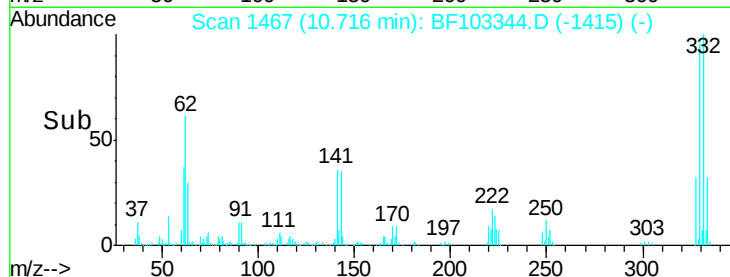
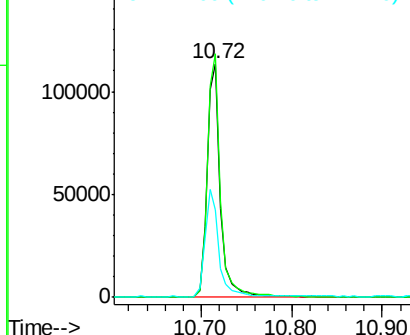


Abundance

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



#44
 2-Fluorobiphenyl
 Concen: 72.369 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103344.D
 Acq: 1 Mar 2018 18:37

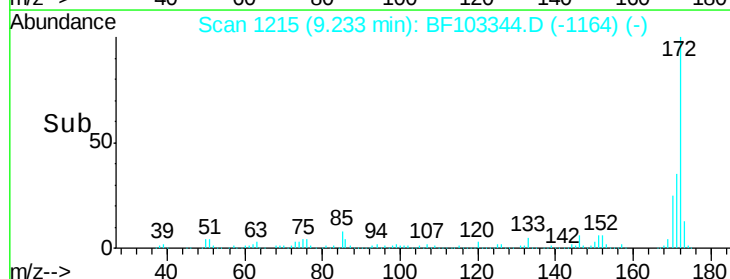
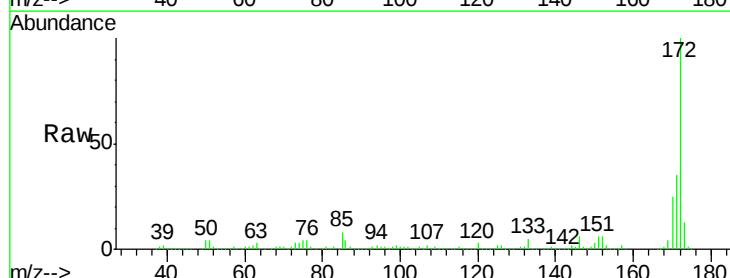
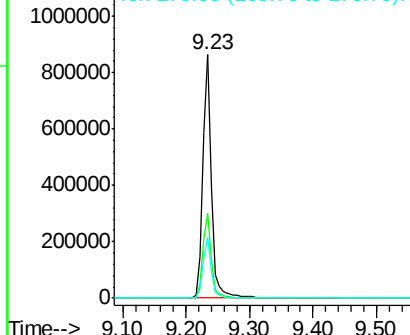
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	29.7	44.5	
170	25.0	19.6	29.4	

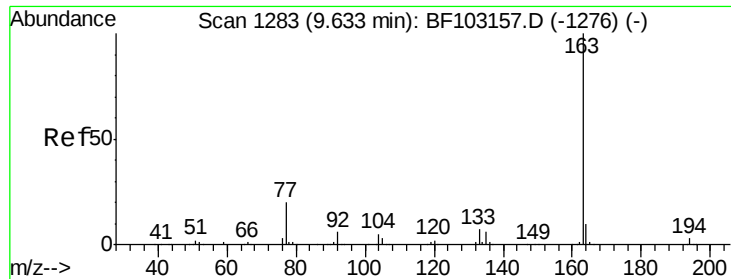
Abundance

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





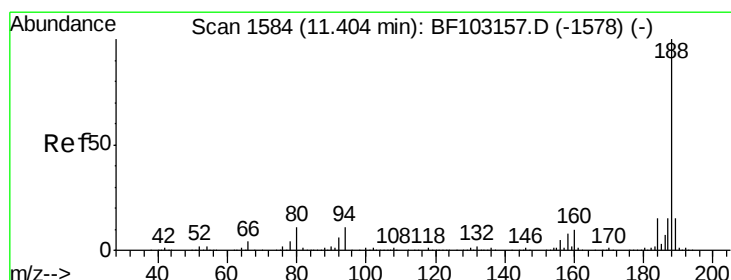
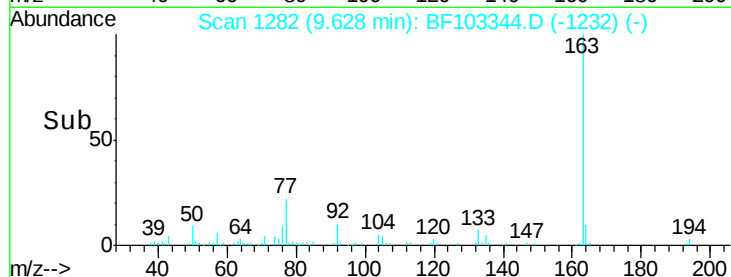
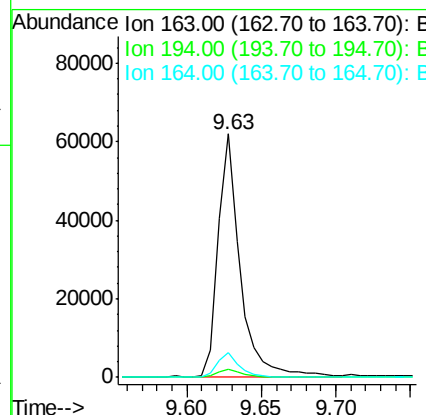
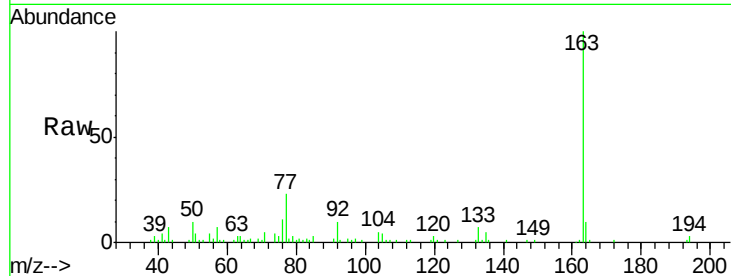
#49
Dimethylphthalate
Concen: 4.430 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103344.D
Acq: 1 Mar 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SP-46

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.4	8.2	12.2

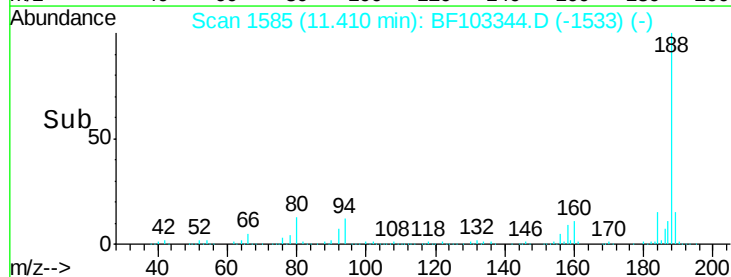
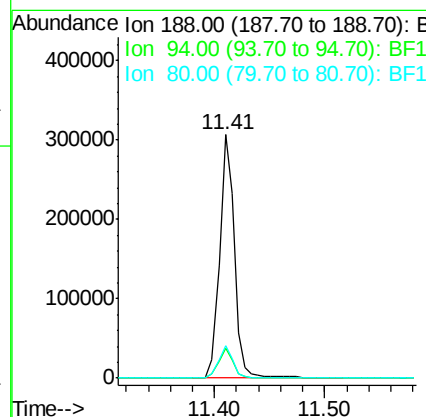
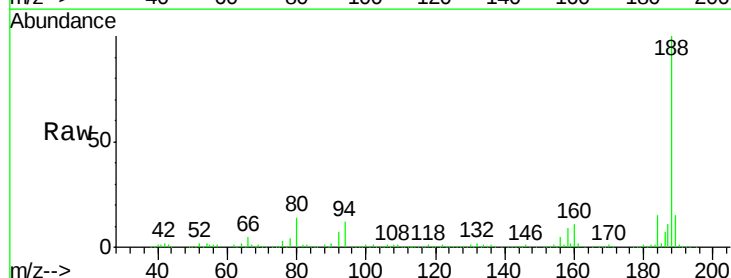
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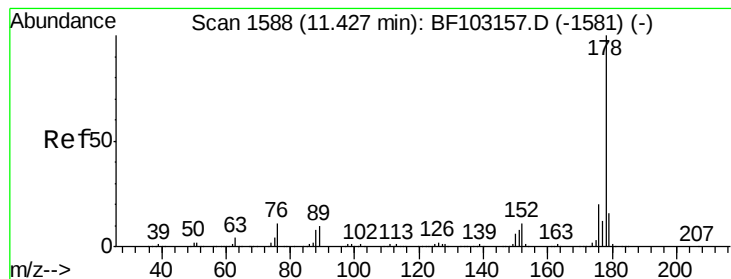
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103344.D
Acq: 1 Mar 2018 18:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.5	8.5	12.7
80	13.6	9.2	13.8





#70

Phenanthrene

Concen: 9.510 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF103344.D

Acq: 1 Mar 2018 18:37

Instrument :

BNA_F

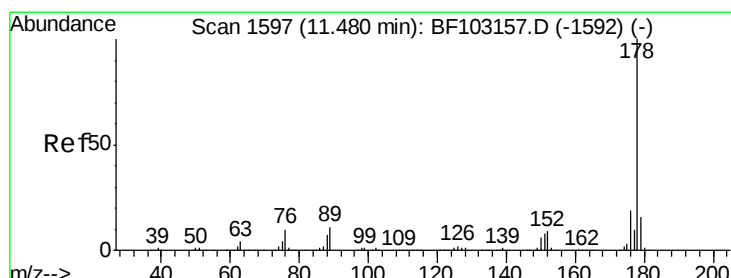
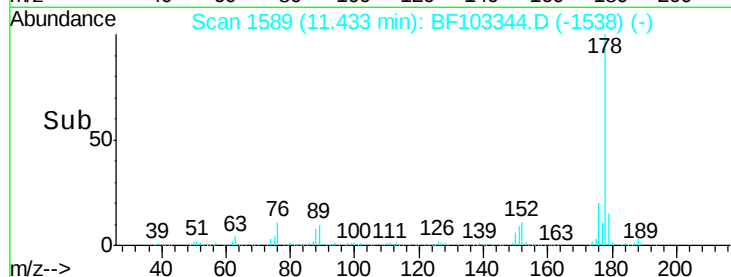
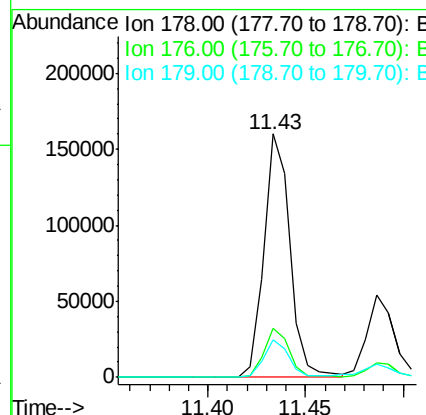
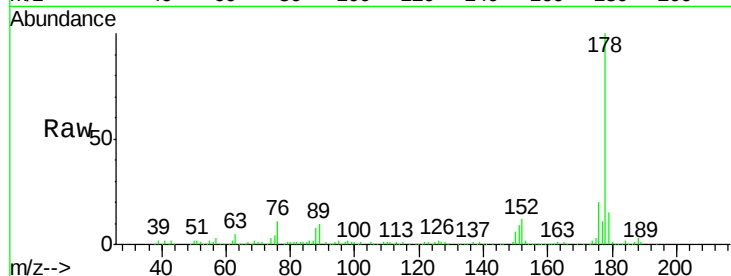
ClientSampleId :

SP-46

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.4	13.0	19.6

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#71

Anthracene

Concen: 3.404 ng

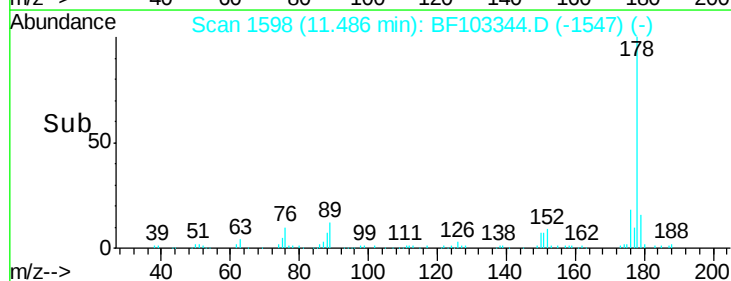
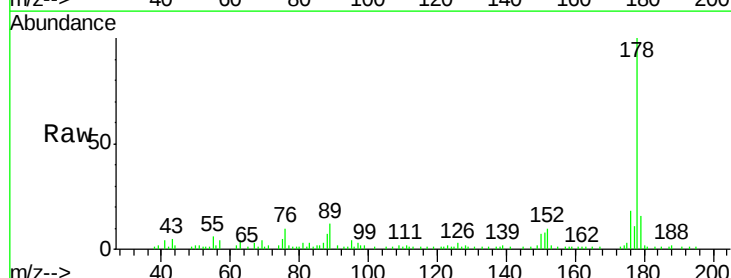
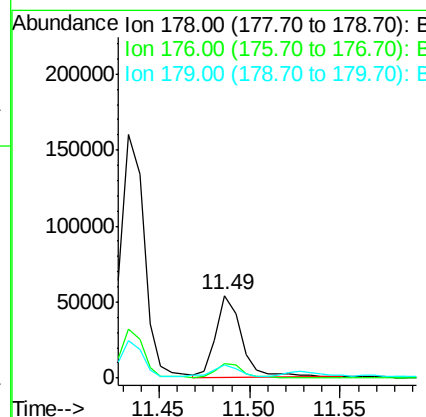
RT: 11.49 min Scan# 1598

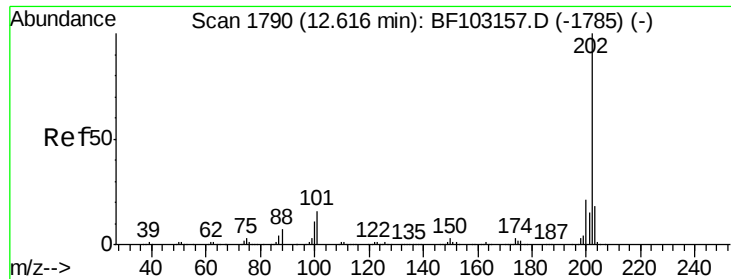
Delta R.T. 0.00 min

Lab File: BF103344.D

Acq: 1 Mar 2018 18:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	16.5	12.6	19.0





#74

Fluoranthene

Concen: 19.357 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103344.D

Acq: 1 Mar 2018 18:37

Instrument :

BNA_F

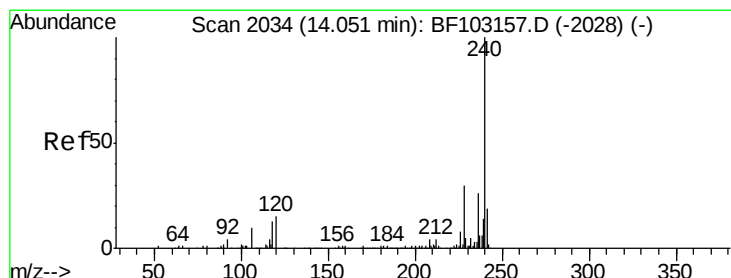
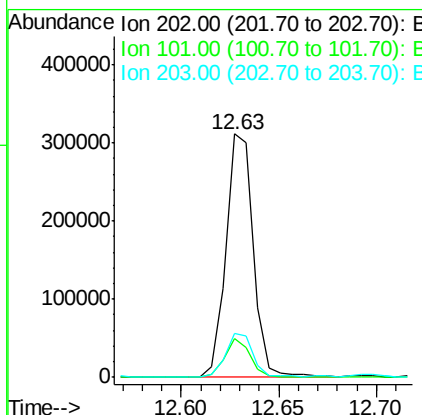
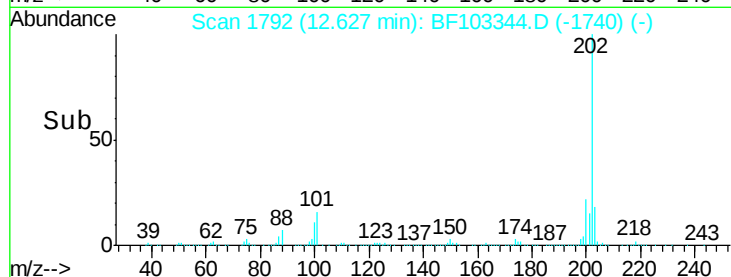
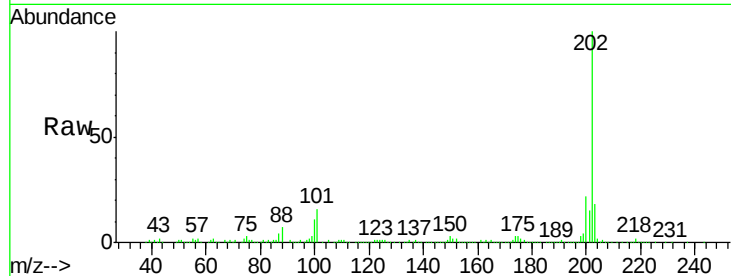
ClientSampled :

SP-46

Tot Ion:	202	Resp:	301959
Ion Ratio		Lower	Upper
202	100		
101	15.7	0.0	34.1
203	17.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

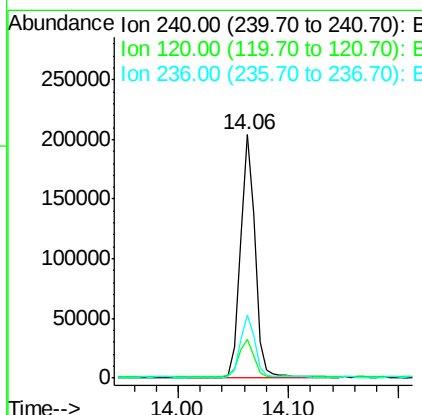
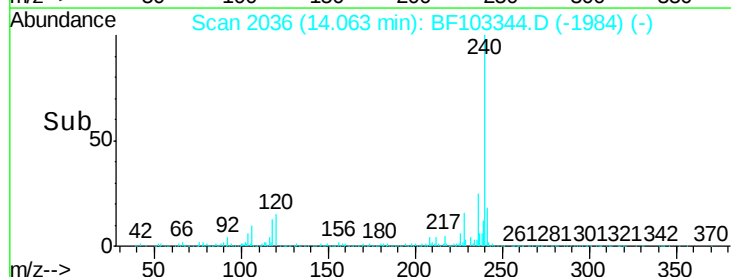
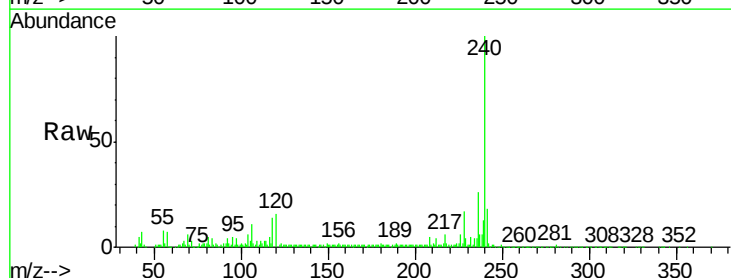
RT: 14.06 min Scan# 2036

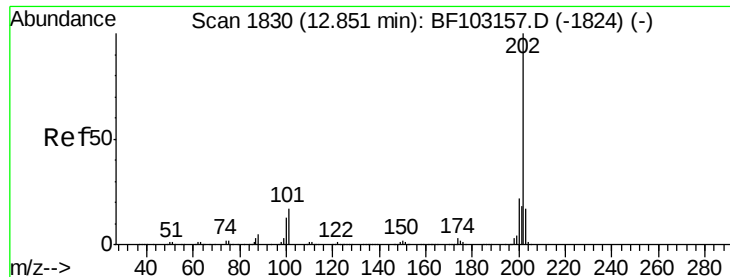
Delta R.T. 0.01 min

Lab File: BF103344.D

Acq: 1 Mar 2018 18:37

Tgt Ion:	240	Resp:	188108
Ion Ratio		Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	25.8	20.7	31.1





#77

Pvrene

Concen: 21.535 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF103344.D

Acq: 1 Mar 2018 18:37

Instrument :

BNA_F

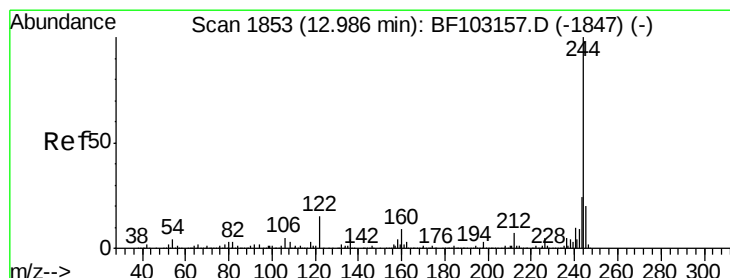
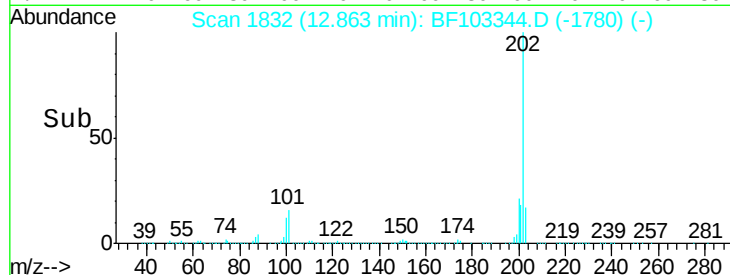
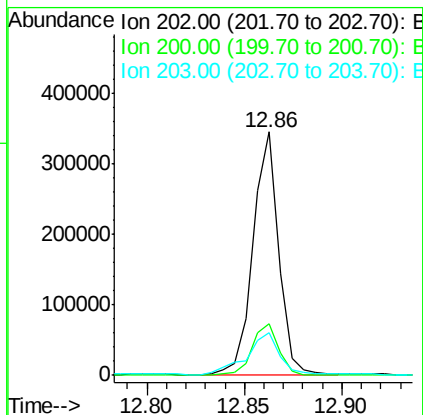
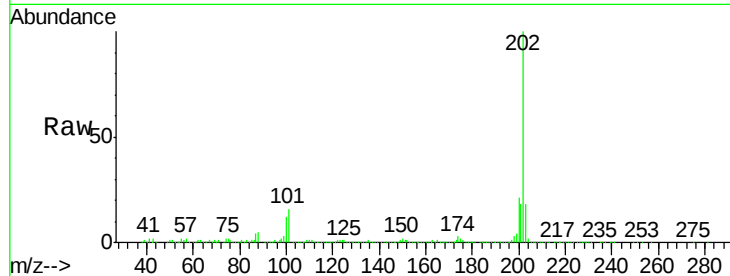
ClientSampleId :

SP-46

Tot Ion:	202	Resp:	315831
Ion Ratio		Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 77.515 ng

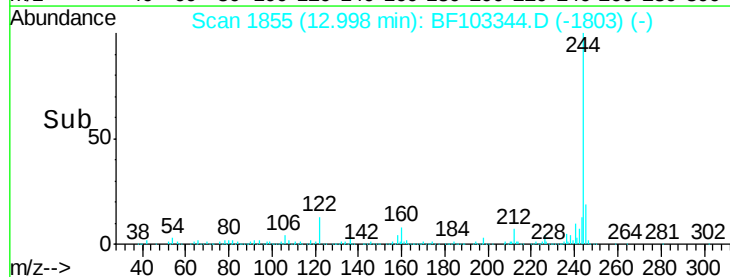
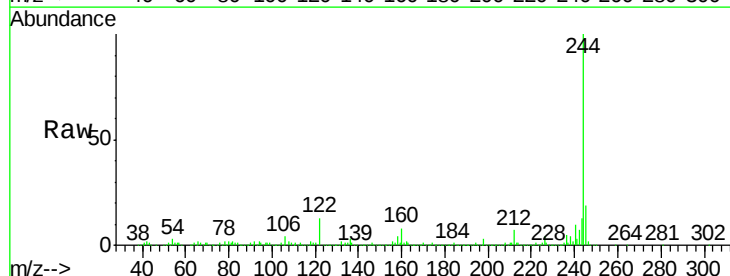
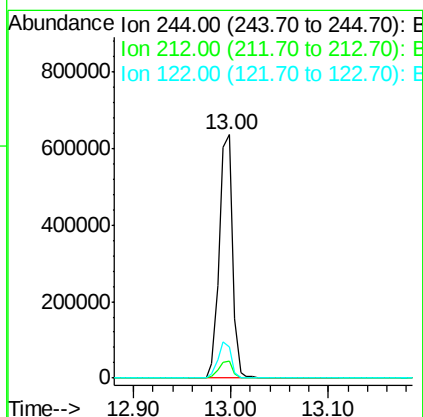
RT: 13.00 min Scan# 1855

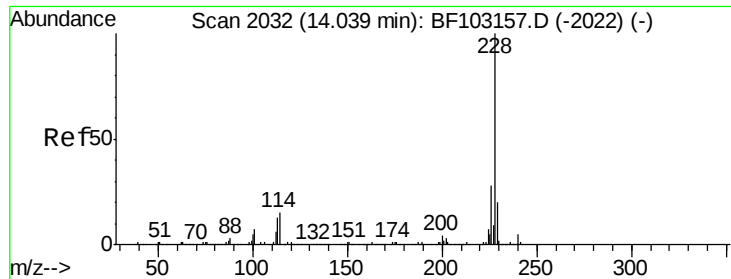
Delta R.T. 0.01 min

Lab File: BF103344.D

Acq: 1 Mar 2018 18:37

Tgt Ion:	244	Resp:	606575
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.9	11.0	16.4





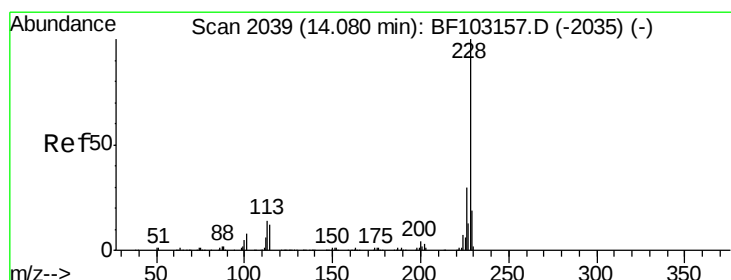
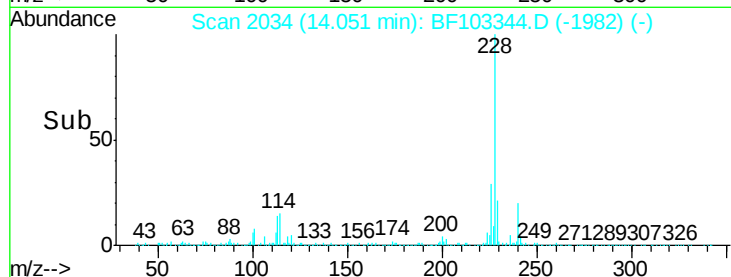
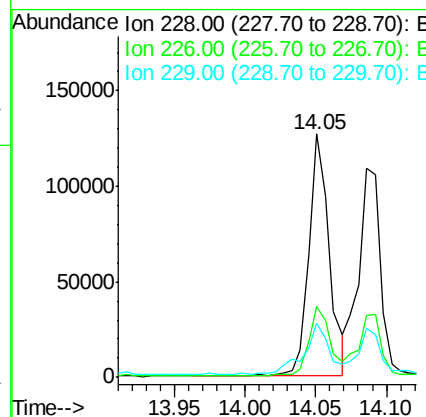
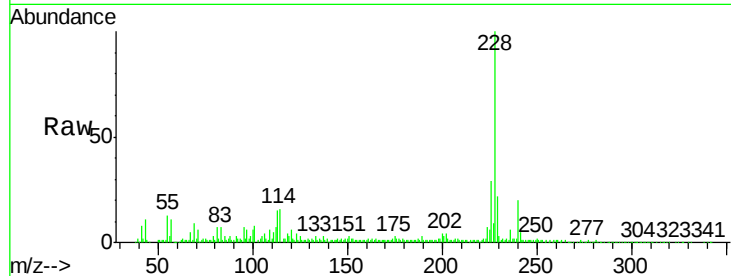
#80
Benzo(a)anthracene
Concen: 10.488 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103344.D
Acq: 1 Mar 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SP-46

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	22.0	15.8	23.6

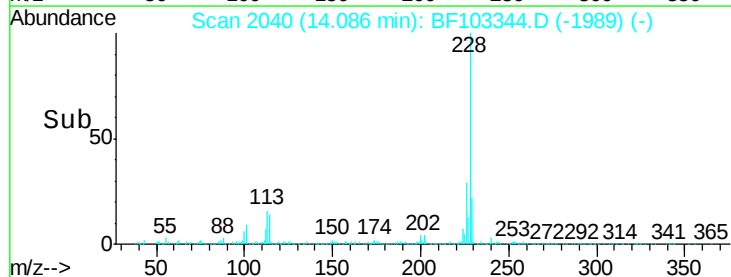
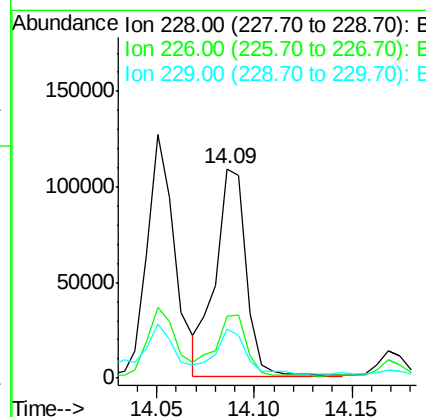
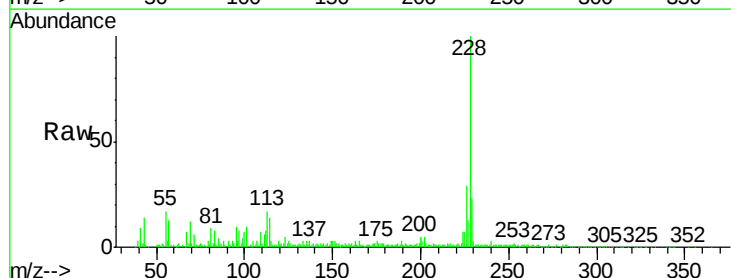
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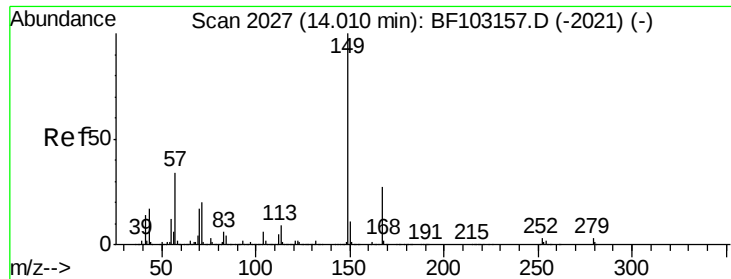
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#82
Chrysene
Concen: 10.126 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF103344.D
Acq: 1 Mar 2018 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	23.4	16.2	24.4





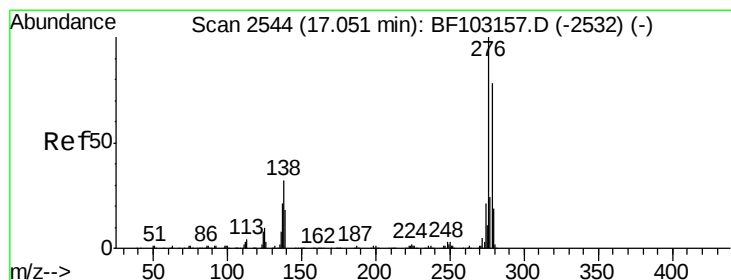
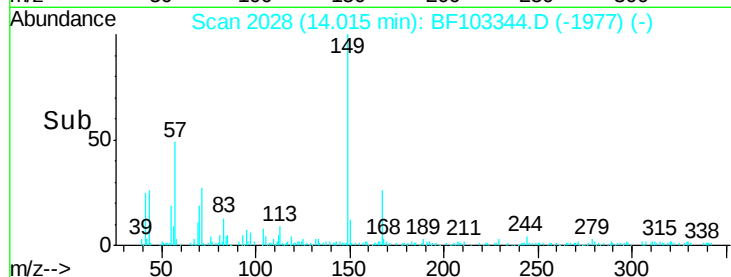
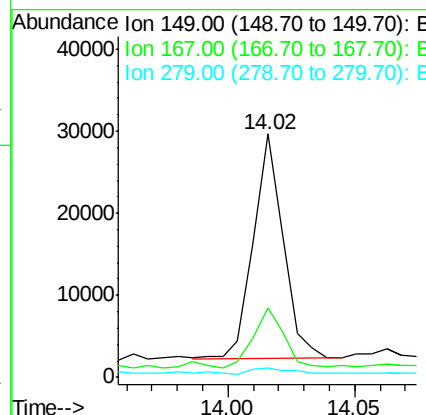
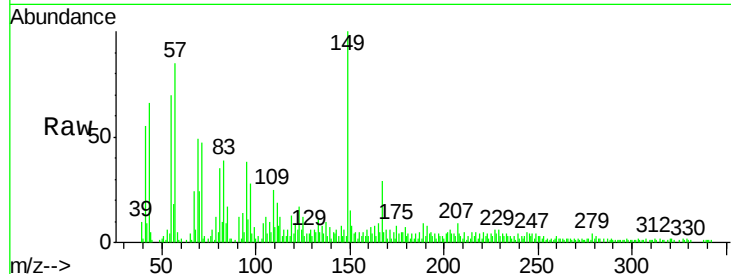
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.170 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103344.D
 Acq: 1 Mar 2018 18:37

Instrument :
 BNA_F
 ClientSampled :
 SP-46

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.3	31.9
279	3.7	3.0	4.4

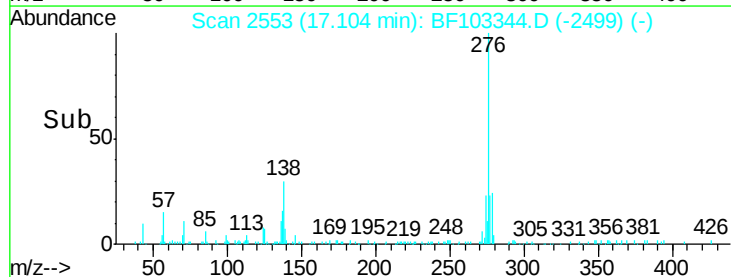
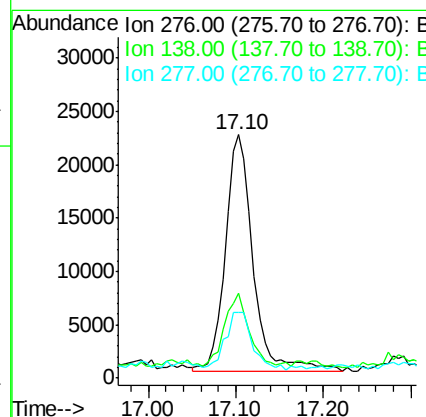
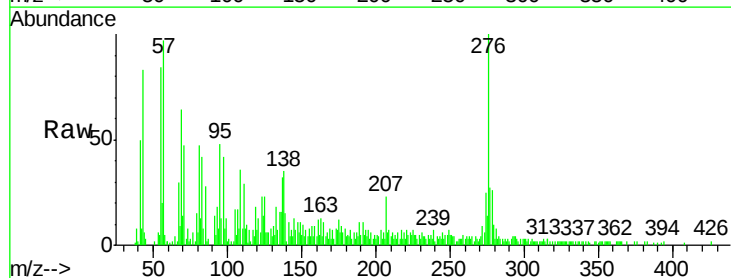
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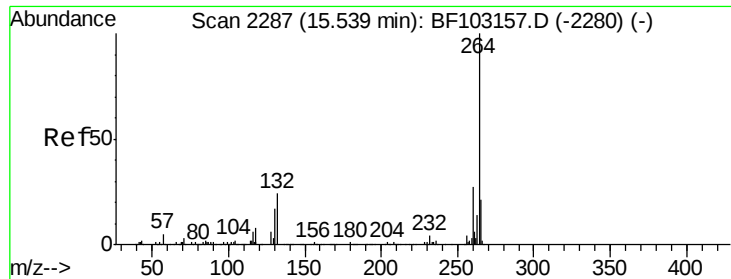
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.142 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. 0.02 min
 Lab File: BF103344.D
 Acq: 1 Mar 2018 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	23.9	20.1	30.1





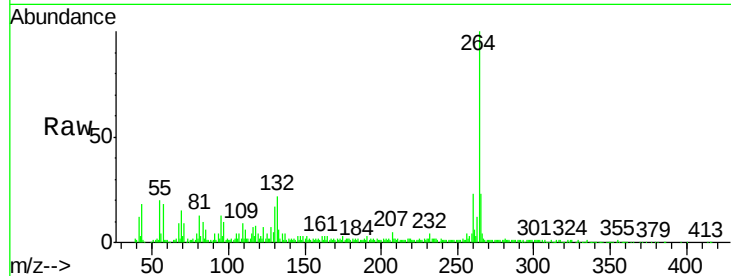
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF103344.D
Acq: 1 Mar 2018 18:37

Instrument :
BNA_F
ClientSampled :
SP-46

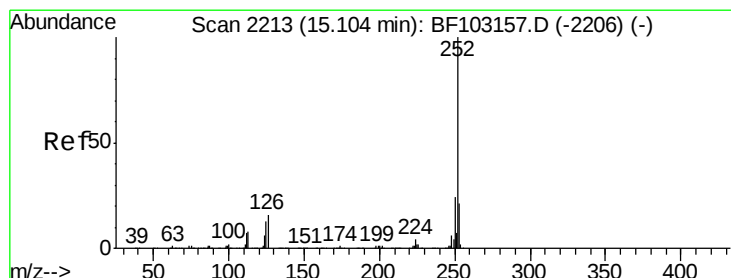
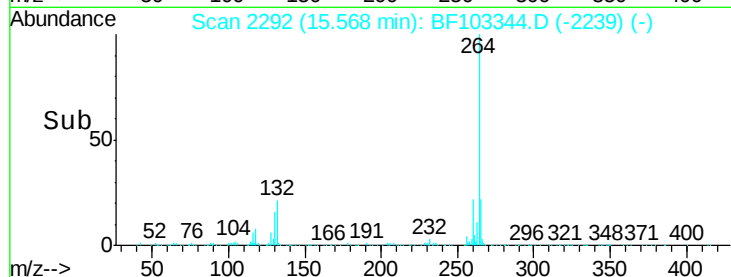
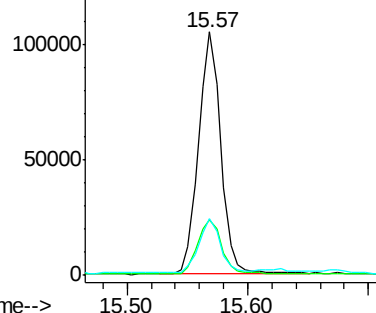
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	23.1	17.5	26.3

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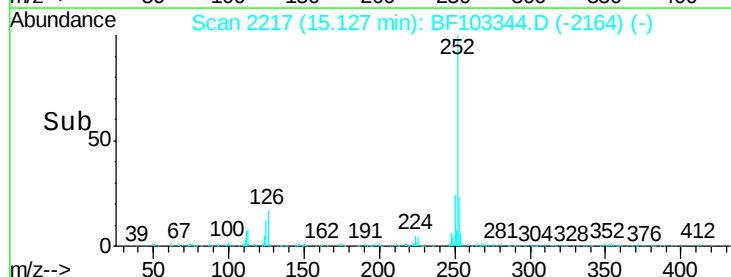
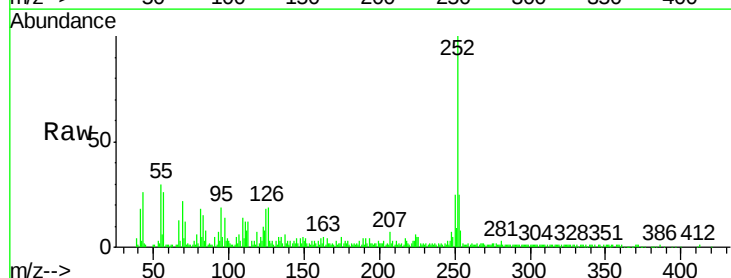
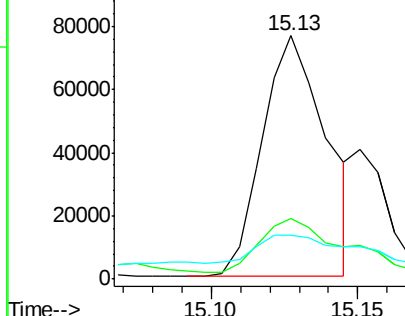
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

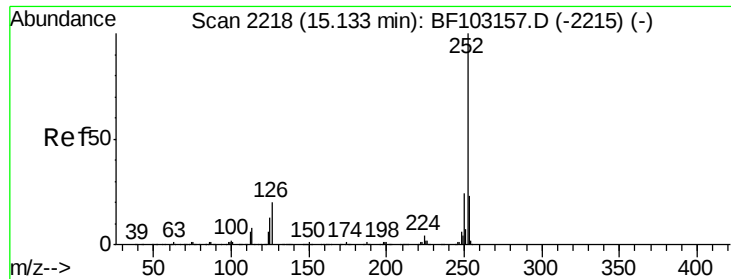


#87
Benzo(b)fluoranthene
Concen: 12.833 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103344.D
Acq: 1 Mar 2018 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.6
125	18.2	9.0	13.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





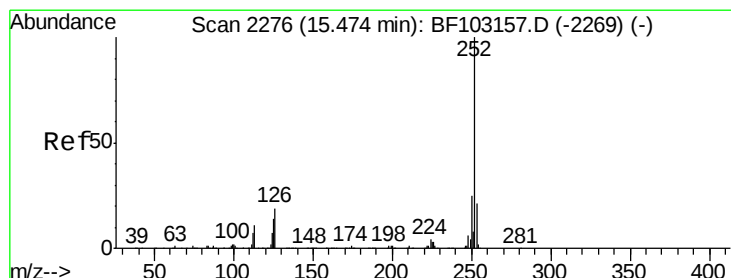
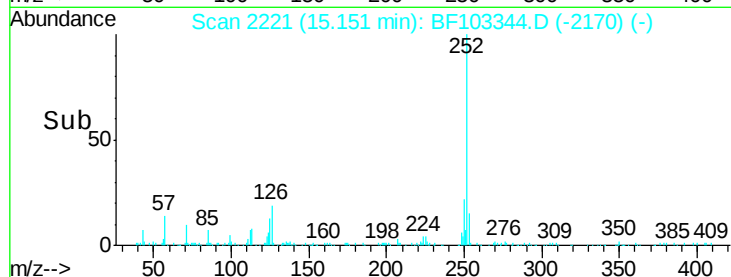
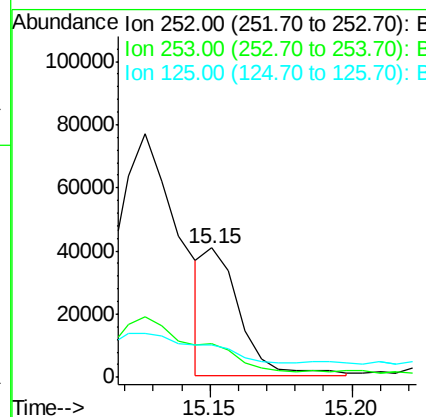
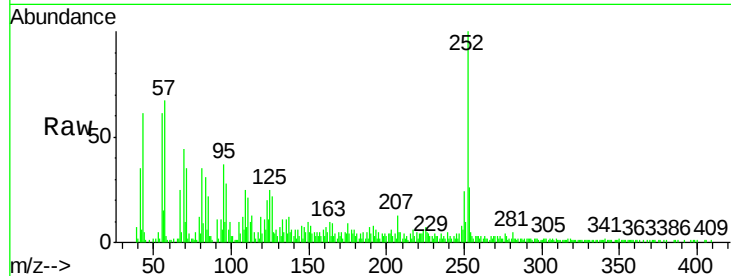
#88
Benzo(k)fluoranthene
Concen: 4.219 ng/mL
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103344.D
Acq: 1 Mar 2018 18:37

Instrument :
BNA_F
ClientSampled :
SP-46

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.9	26.9
125	24.7	10.2	15.2

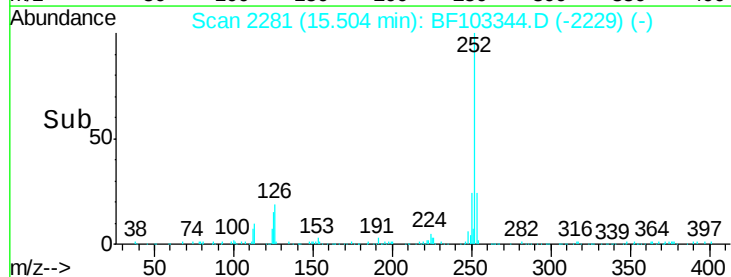
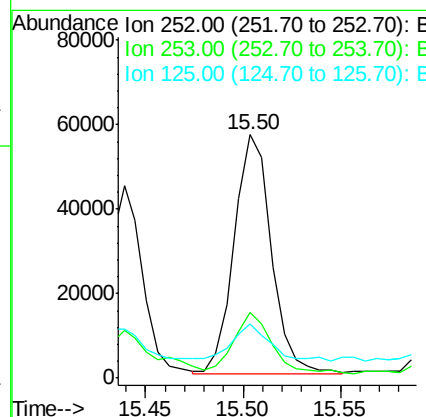
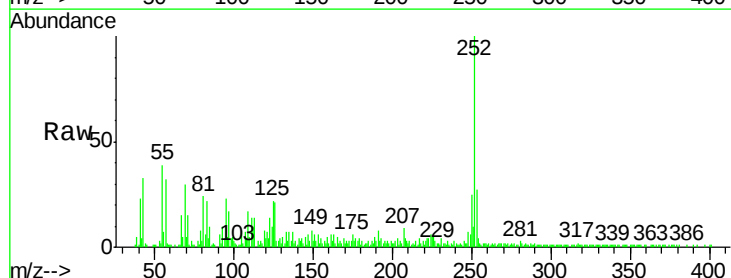
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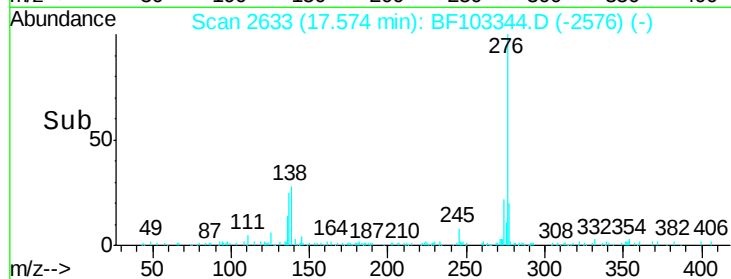
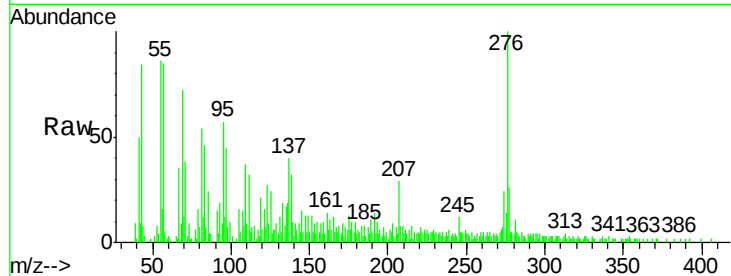
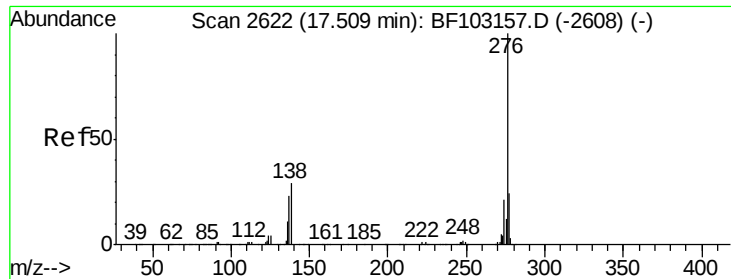
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#89
Benzo(a)pyrene
Concen: 9.451 ng/mL
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF103344.D
Acq: 1 Mar 2018 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.1	25.7
125	22.3	9.8	14.6





#91
Benzo(a,h,i)perylene
Concen: 7.401 ng
RT: 17.57 min Scan# 2633
Delta R.T. 0.04 min
Lab File: BF103344.D
Acq: 1 Mar 2018 18:37

Instrument :
BNA_F
ClientSampleId :
SP-46

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	31.8	21.8	32.8

Manual Integrations
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