

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103432.D
 Acq On : 6 Mar 2018 1:46
 Operator : SJ/JU
 Sample : J1722-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-24

Manual Integrations
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 3/6/2018 4:23:54 PM

Quant Time: Mar 06 02:58:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121363	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	487397	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	186723	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	282459	20.00	ng	0.00
75) Chrysene-d12	14.07	240	177495	20.00	ng	0.00
86) Perylene-d12	15.58	264	134227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	658752	82.09	ng	0.00
7) Phenol-d6	6.52	99	836287	85.17	ng	0.00
23) Nitrobenzene-d5	7.44	82	464601	54.44	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	84416	53.41	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	684177	58.47	ng	0.00
78) Terphenyl-d14	12.99	244	463940	62.83	ng	0.00
Target Compounds						
10) Phenol	6.53	94	54756	4.804	ng	Qvalue # 64
49) Dimethylphthalate	9.62	163	47981	3.203	ng	99
70) Phenanthrene	11.43	178	131811	8.480	ng	98
71) Anthracene	11.49	178	37644	2.362	ng	98
74) Fluoranthene	12.63	202	243671	15.599	ng	97
77) Pyrene	12.86	202	241136	17.425	ng	99
80) Benzo(a)anthracene	14.06	228	97792m	8.491	ng	
82) Chrysene	14.09	228	98035m	8.767	ng	
85) Indeno(1,2,3-cd)pyrene	17.13	276	34990	3.952	ng	98
87) Benzo(b)fluoranthene	15.13	252	92241m	10.452	ng	
88) Benzo(k)fluoranthene	15.16	252	32930m	3.962	ng	
89) Benzo(a)pyrene	15.52	252	64443	8.177	ng	# 88
91) Benzo(a,h,i)perylene	17.60	276	34664	5.824	ng	# 86

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

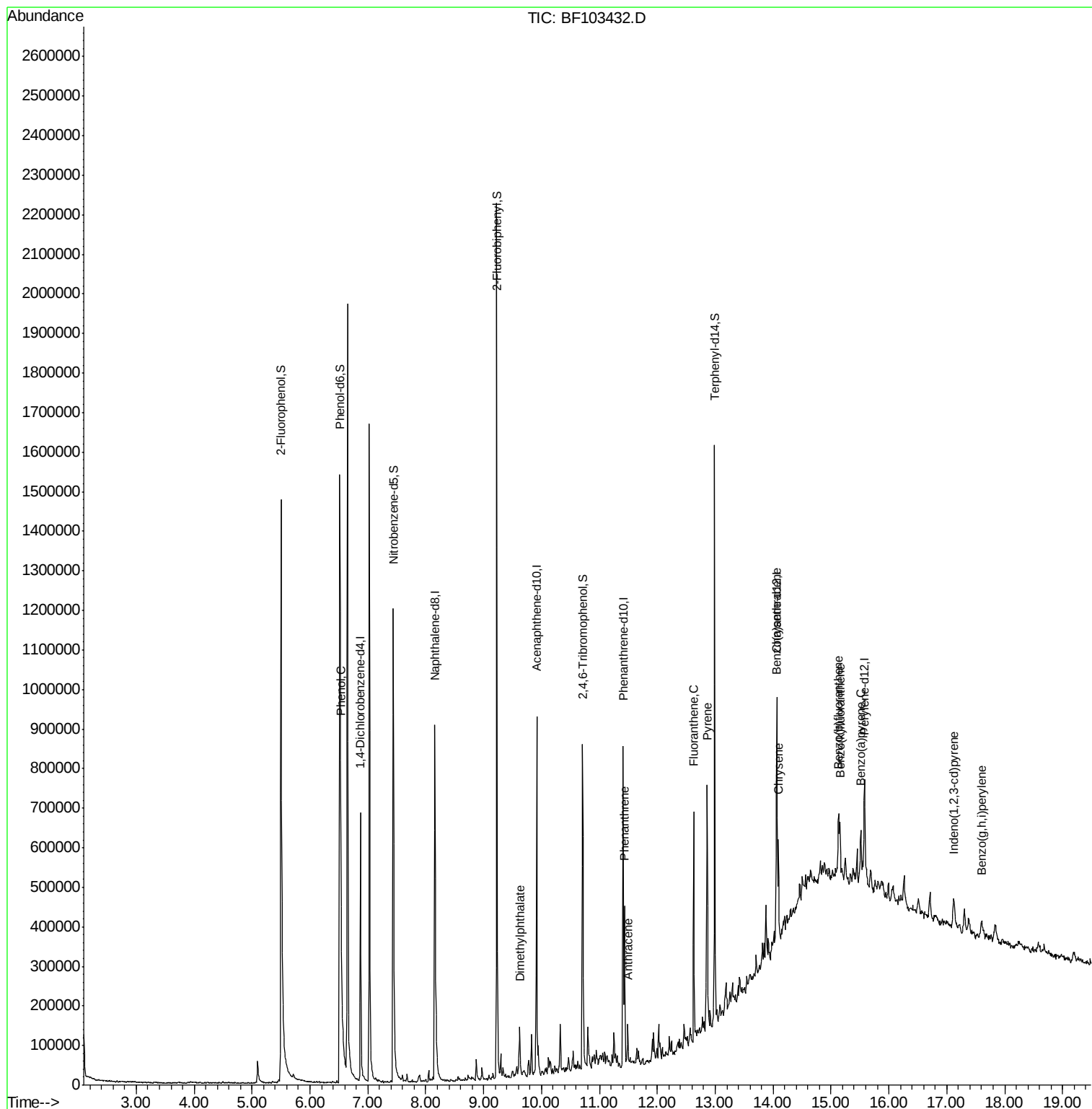
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103432.D
Acq On : 6 Mar 2018 1:46
Operator : SJ/JU
Sample : J1722-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

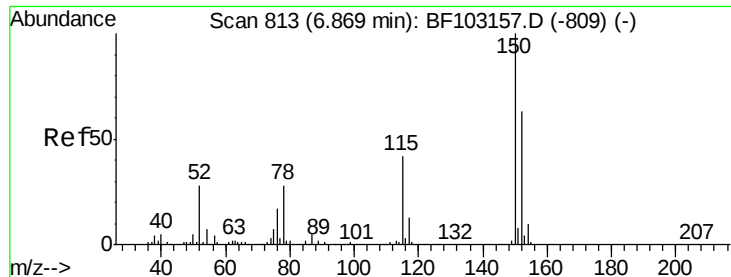
Instrument :
BNA_F
ClientSampleId :
SP-24

Quant Time: Mar 06 02:58:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

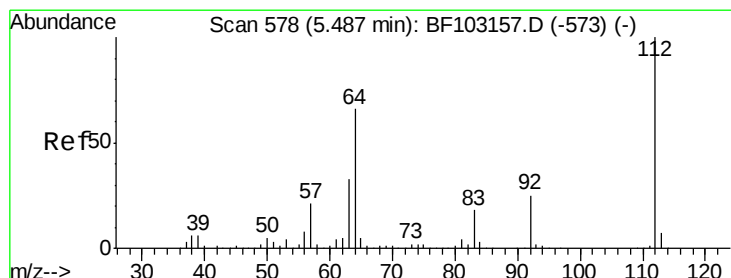
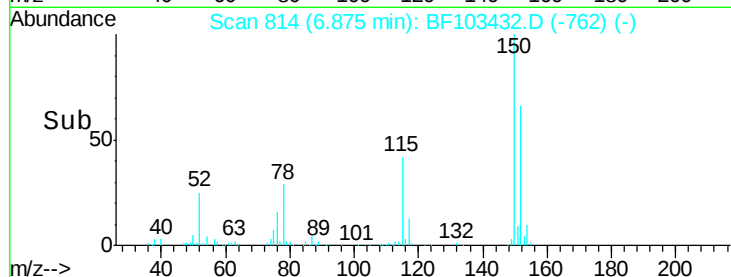
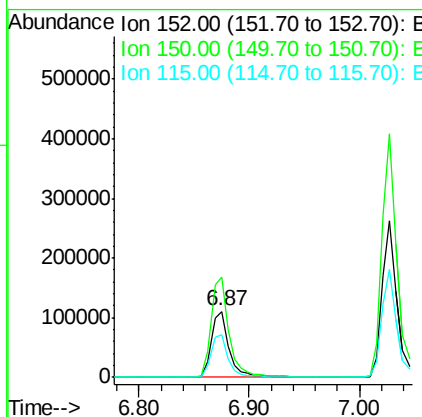
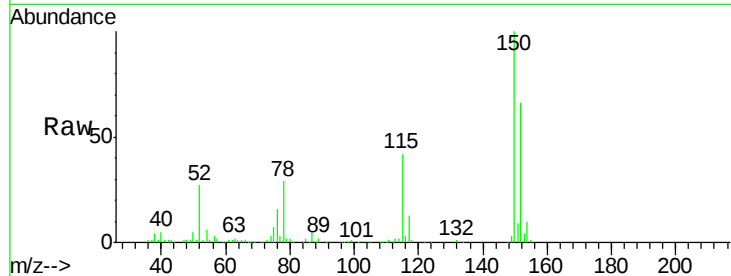
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Instrument :
BNA_F
ClientSampled :
SP-24

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.6	186.8
115	64.0	50.1	75.1

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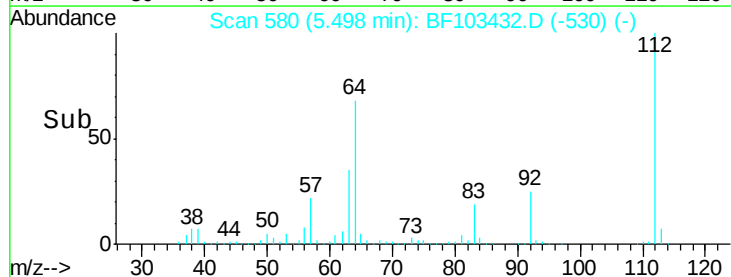
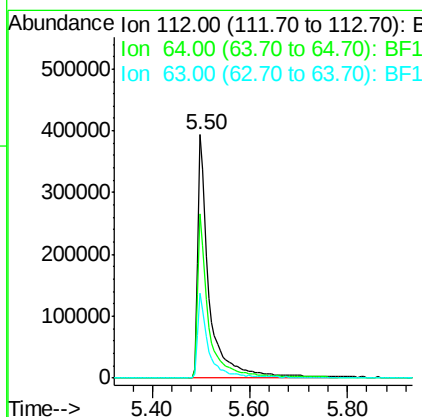
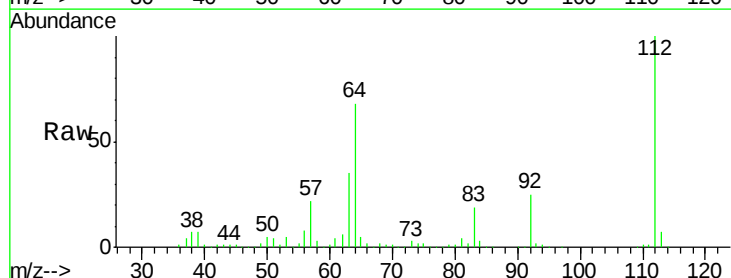
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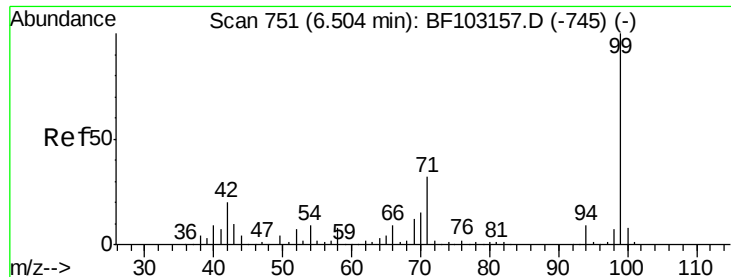


#5

2-Fluorophenol
Concen: 82.094 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	47.9	71.9
63	34.8	23.7	35.5





#7

Phenol-d6

Concen: 85.170 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103432.D

Acq: 6 Mar 2018 1:46

Instrument :

BNA_F

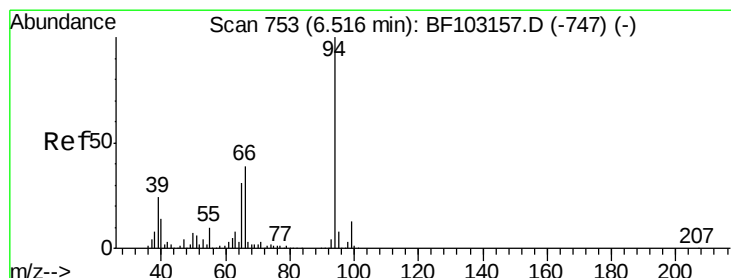
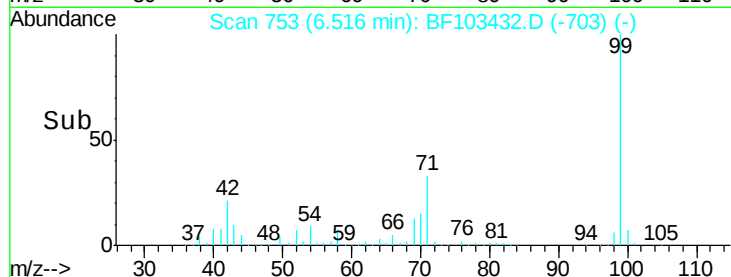
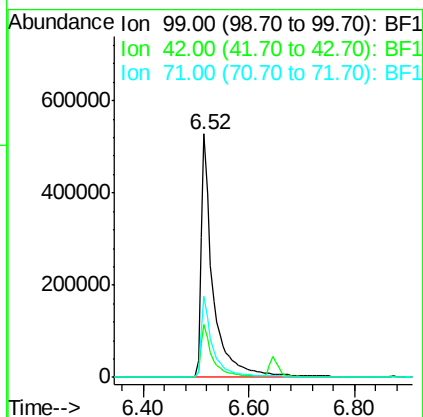
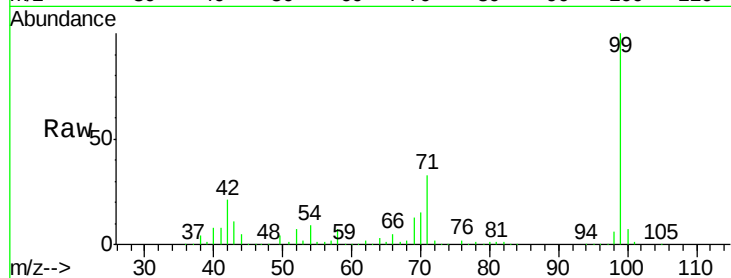
ClientSampled :

SP-24

Tot Ion:	99	Resp:	836287
Ion Ratio	Lower	Upper	
99	100		
42	21.5	14.5	21.7
71	33.2	25.4	38.0

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#10

Phenol

Concen: 4.804 ng

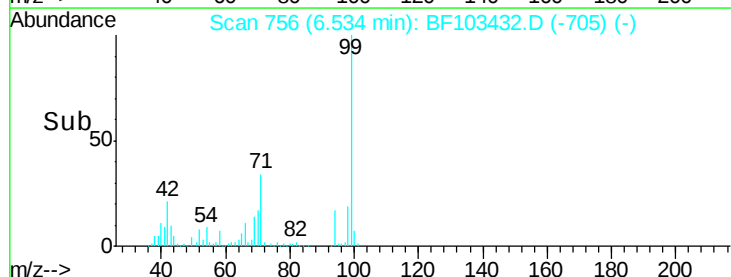
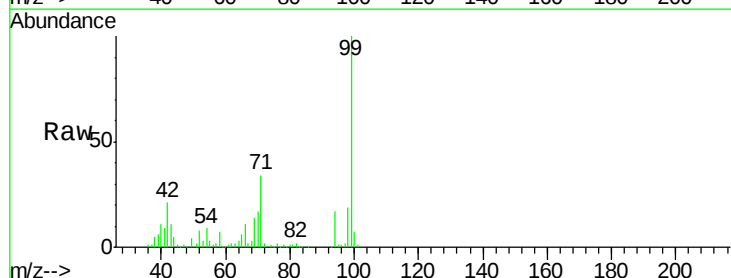
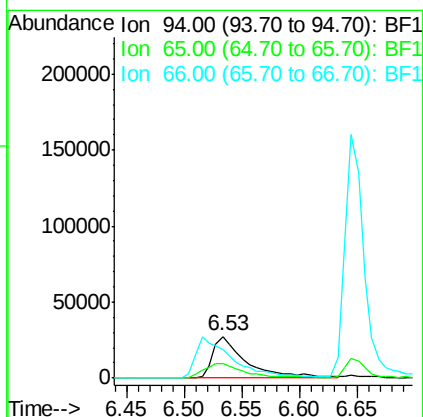
RT: 6.53 min Scan# 756

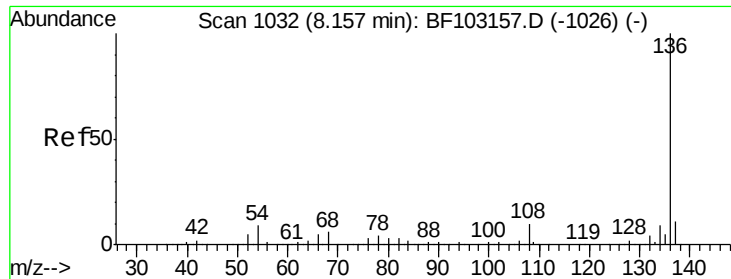
Delta R.T. -0.00 min

Lab File: BF103432.D

Acq: 6 Mar 2018 1:46

Tgt Ion:	94	Resp:	54756
Ion Ratio	Lower	Upper	
94	100		
65	35.7	7.9	47.9
66	67.6	16.2	56.2#





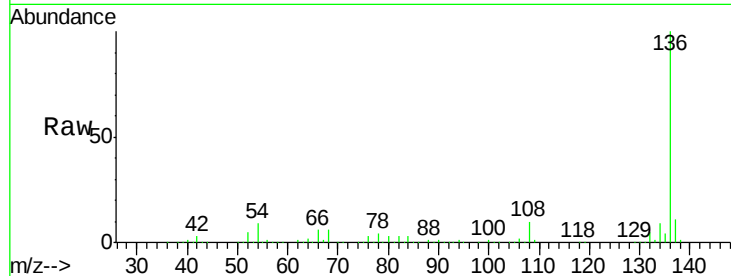
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Instrument :
BNA_F
ClientSampleId :
SP-24

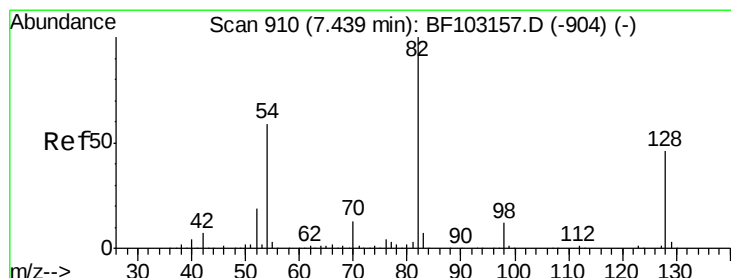
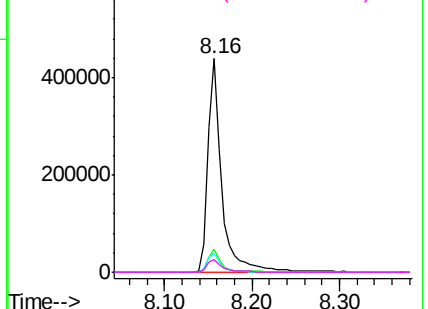
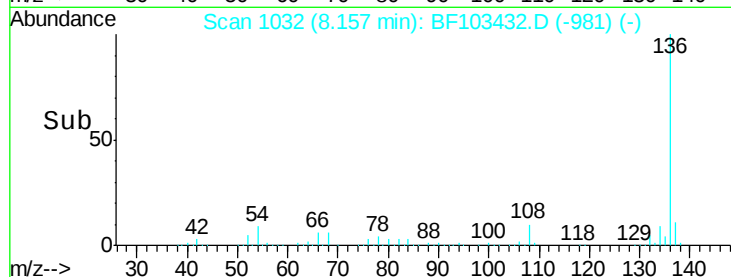
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	6.0	5.0	7.4

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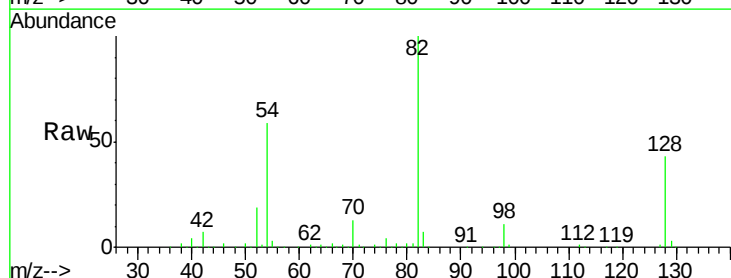


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

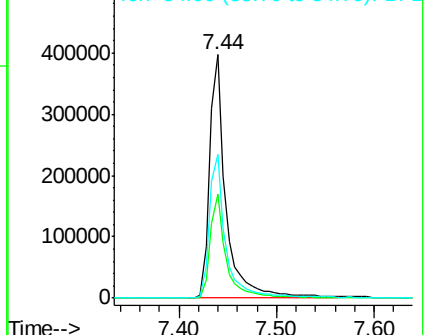
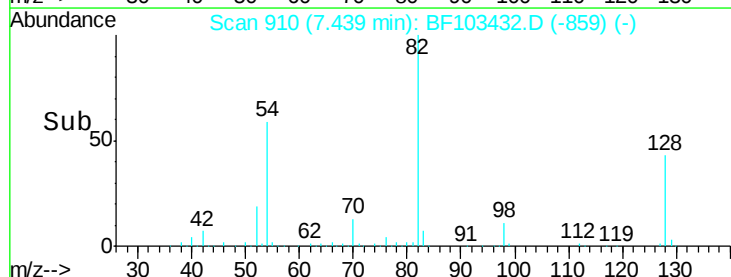


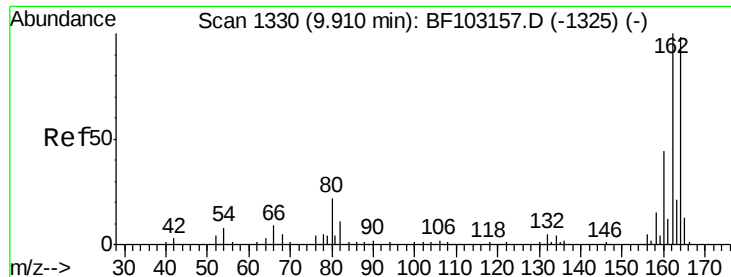
#23
Nitrobenzene-d5
Concen: 54.437 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.0	36.1	54.1
54	59.0	41.4	62.2



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





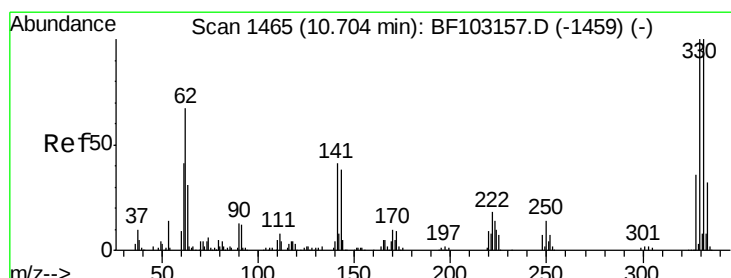
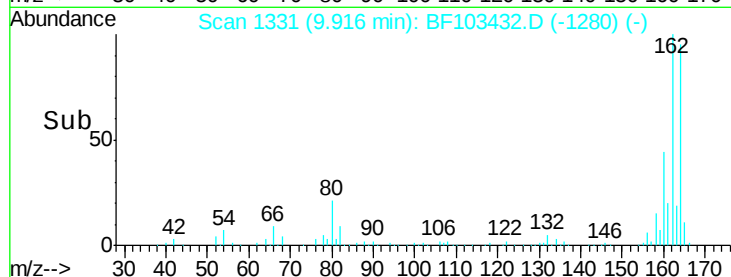
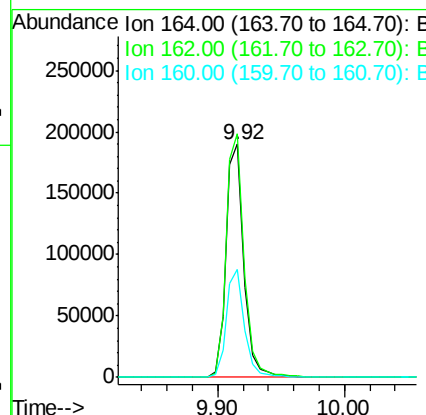
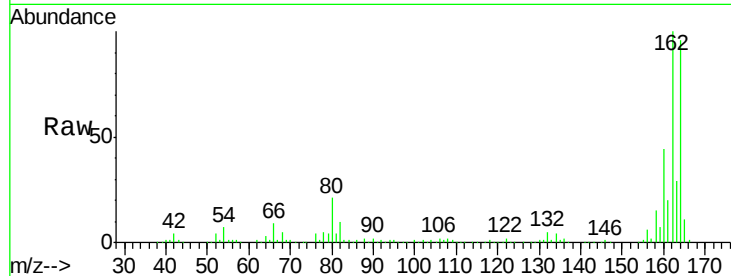
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Instrument :
BNA_F
ClientSampled :
SP-24

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	46.3	38.3	57.5

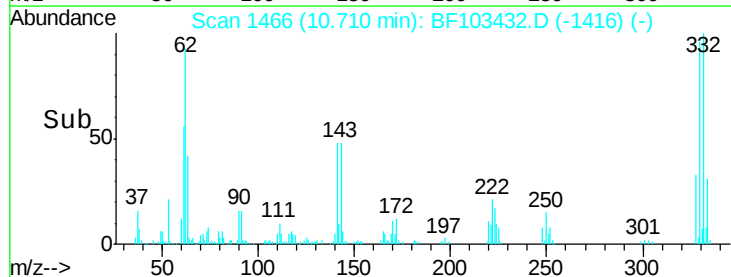
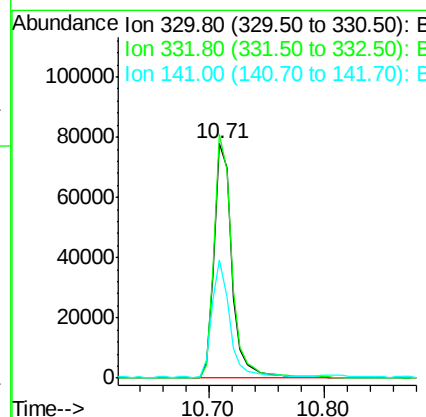
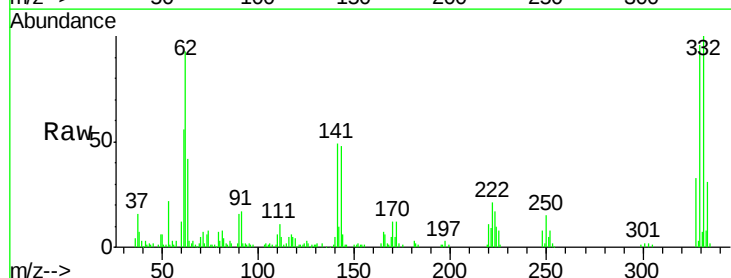
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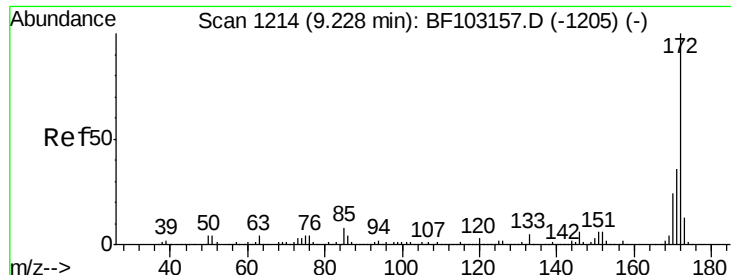
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#41
2,4,6-Tribromophenol
Concen: 53.411 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.6	77.0	115.6
141	51.5	29.9	44.9#





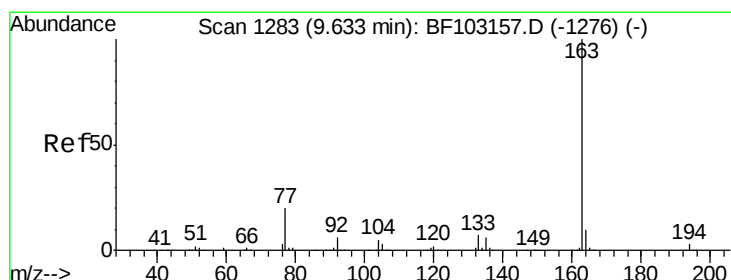
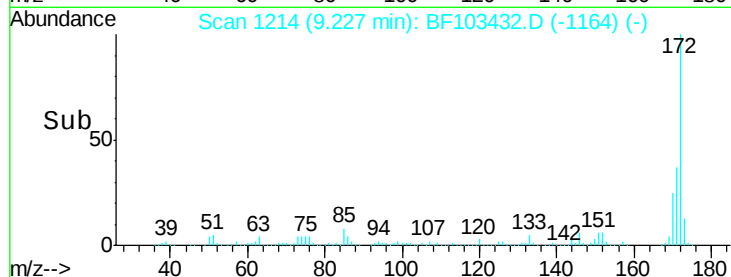
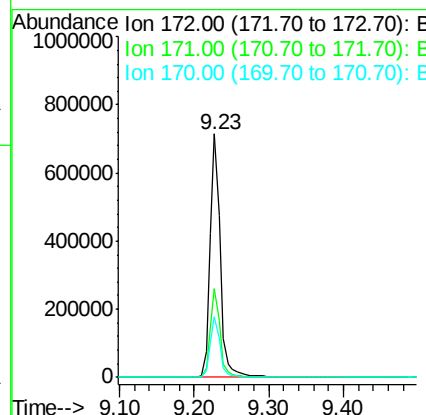
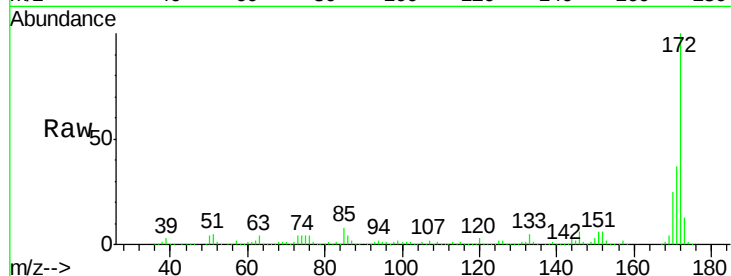
#44
2-Fluorobiphenyl
Concen: 58.475 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Instrument :
BNA_F
ClientSampleId :
SP-24

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.8	19.6	29.4

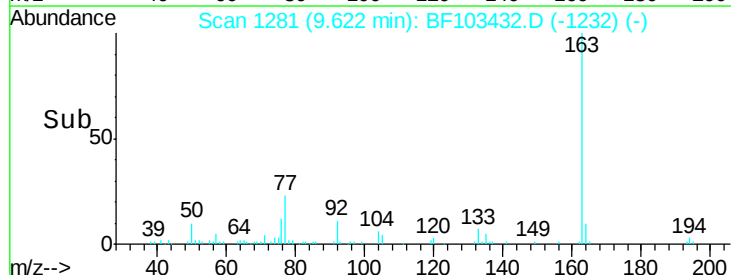
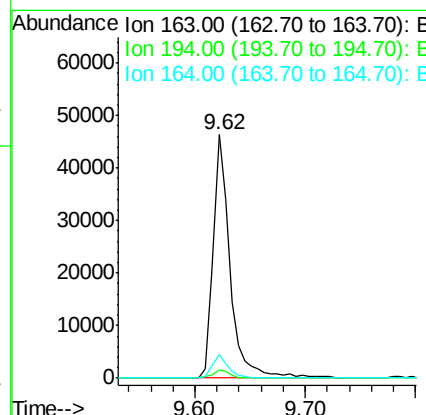
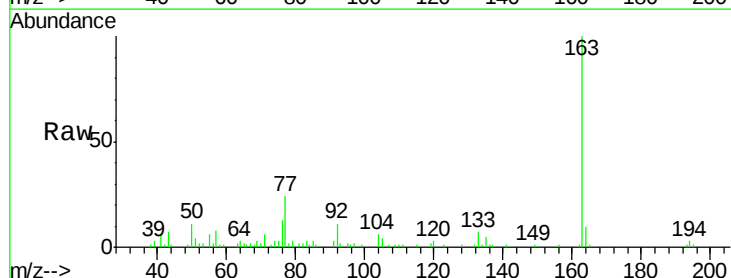
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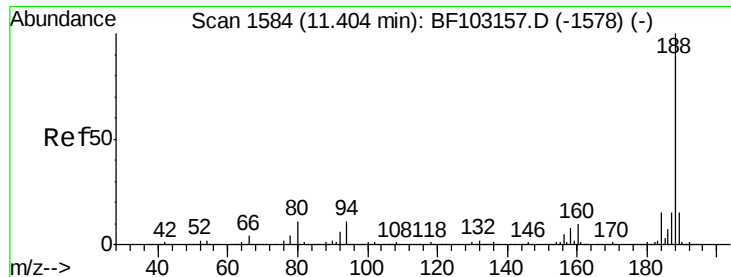
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#49
Dimethylphthalate
Concen: 3.203 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2





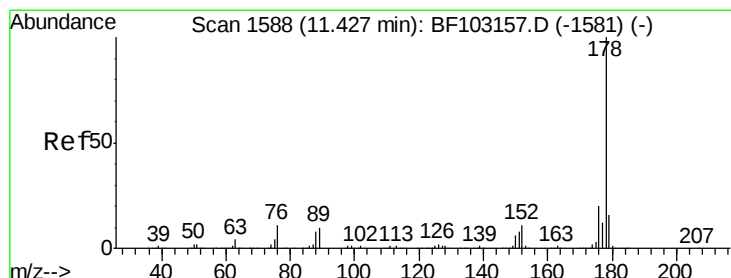
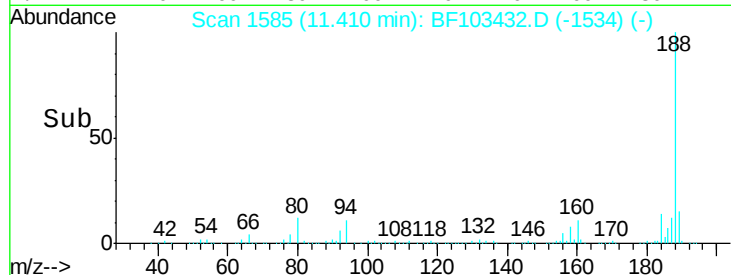
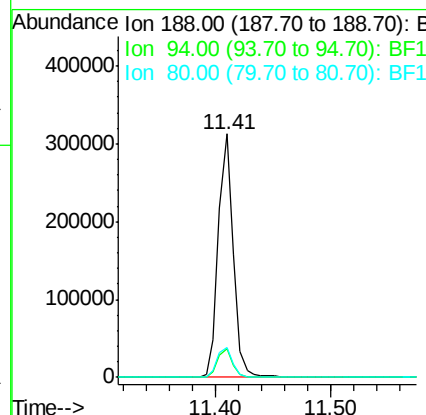
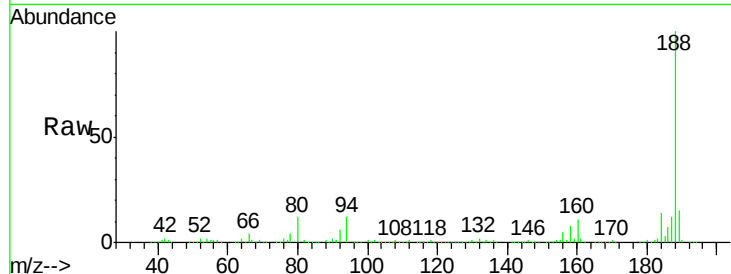
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Instrument :
BNA_F
ClientSampleId :
SP-24

Tot Ion	Ratio	Resp	Lower	Upper
188	100	282459		
94	11.6		8.5	12.7
80	12.3		9.2	13.8

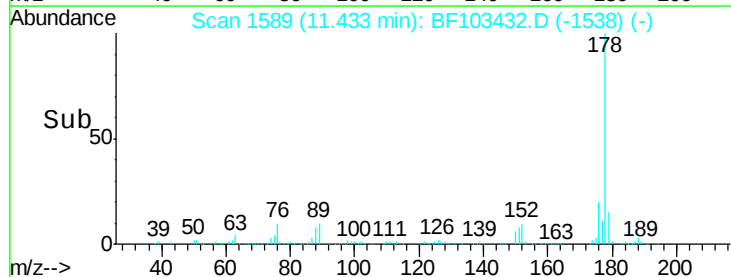
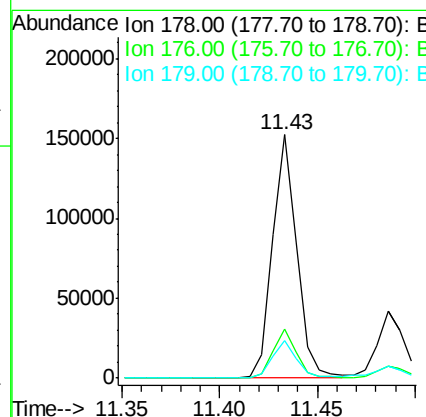
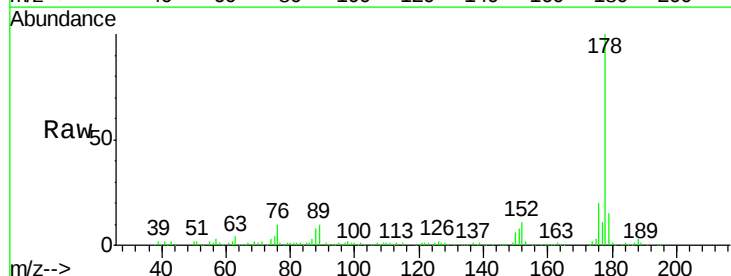
Manual Integrations
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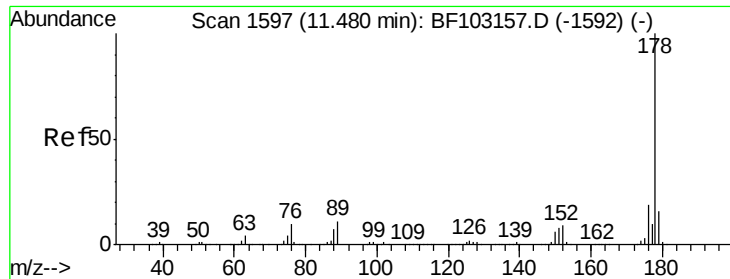
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#70
Phenanthrene
Concen: 8.480 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	131811		
176	20.2		15.8	23.8
179	15.2		13.0	19.6





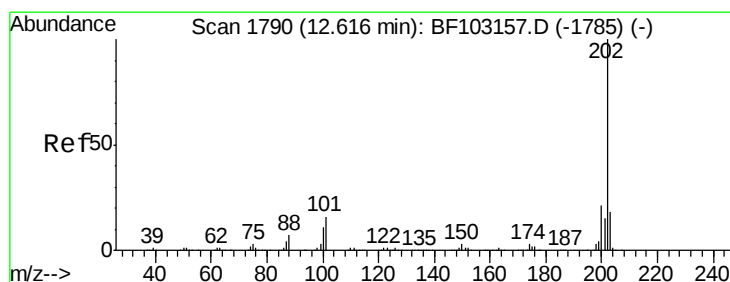
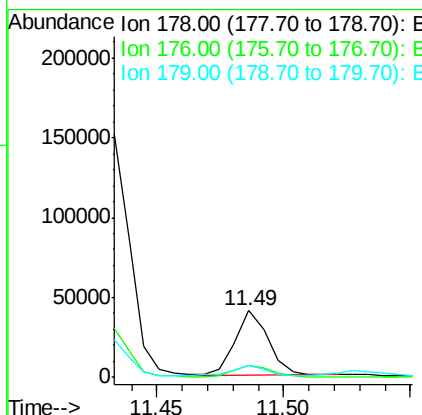
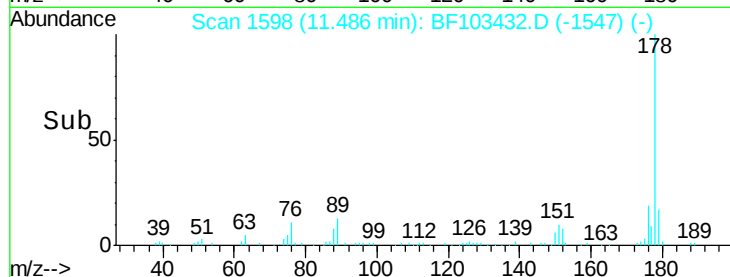
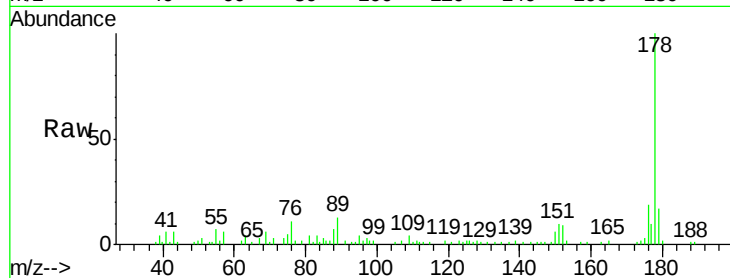
#71
 Anthracene
 Concen: 2.362 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103432.D
 Acq: 6 Mar 2018 1:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-24

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	17.2	12.6	19.0

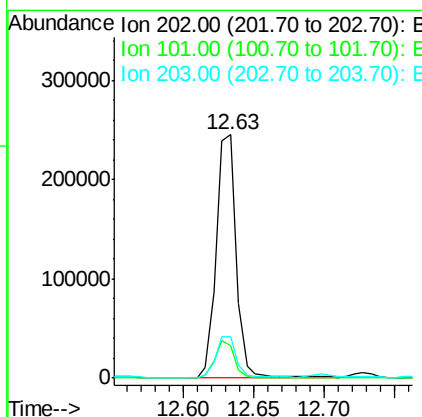
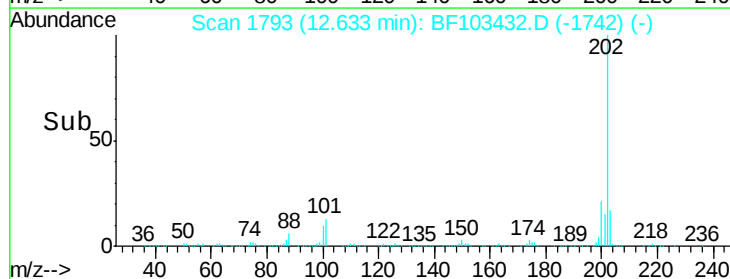
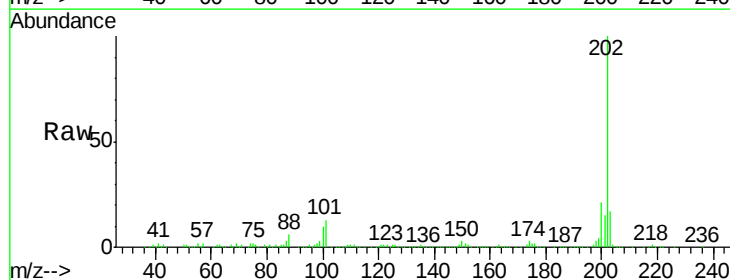
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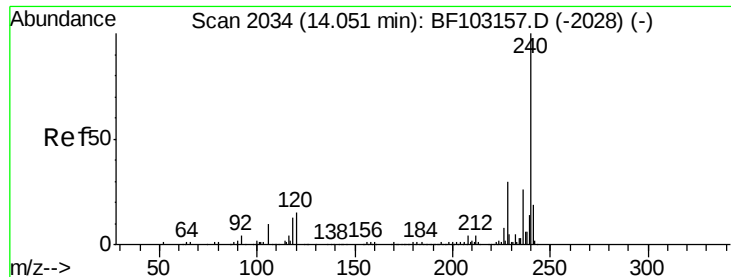
Sohil
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#74
 Fluoranthene
 Concen: 15.599 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF103432.D
 Acq: 6 Mar 2018 1:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF103432.D

Acq: 6 Mar 2018 1:46

Instrument :

BNA_F

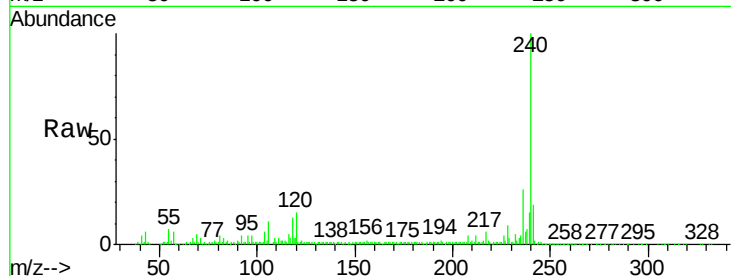
ClientSampled :

SP-24

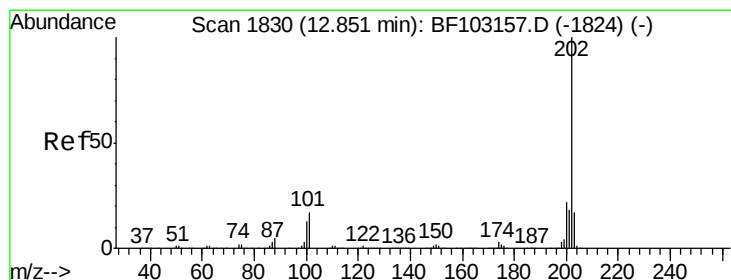
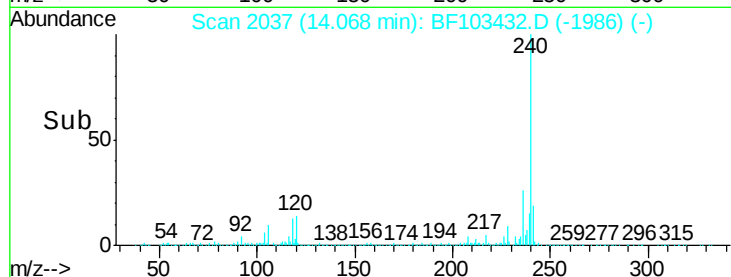
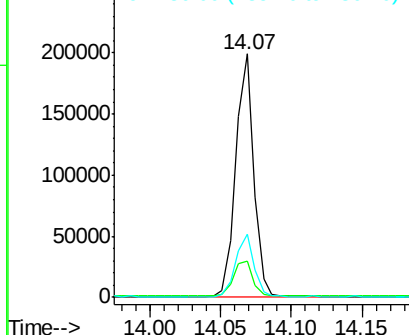
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	25.9	20.7	31.1

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



#77

Pyrene

Concen: 17.425 ng

RT: 12.86 min Scan# 1832

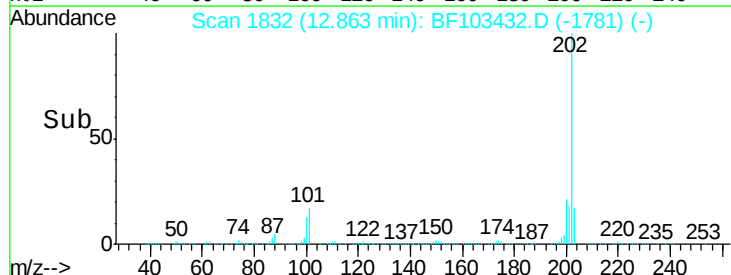
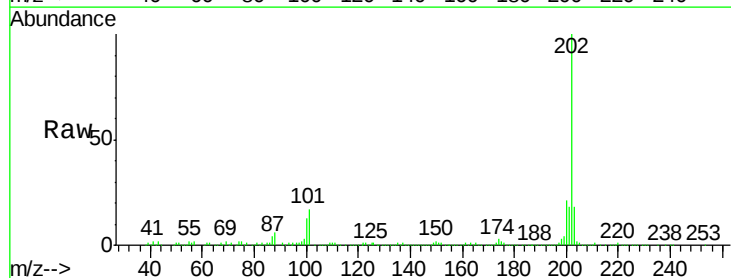
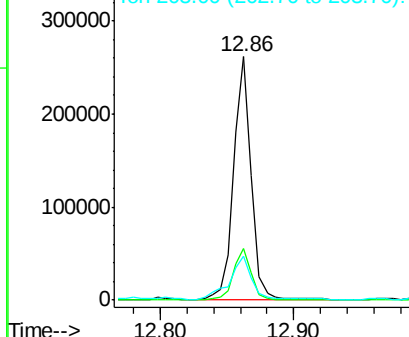
Delta R.T. -0.00 min

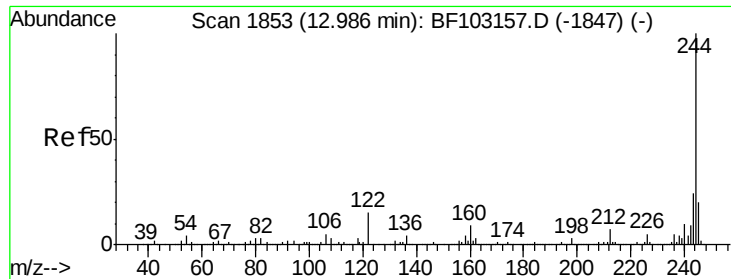
Lab File: BF103432.D

Acq: 6 Mar 2018 1:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.9	14.3	21.5

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





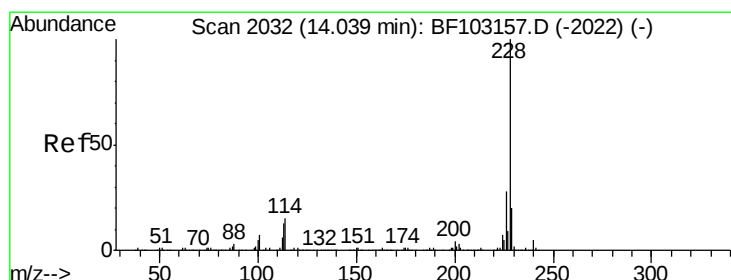
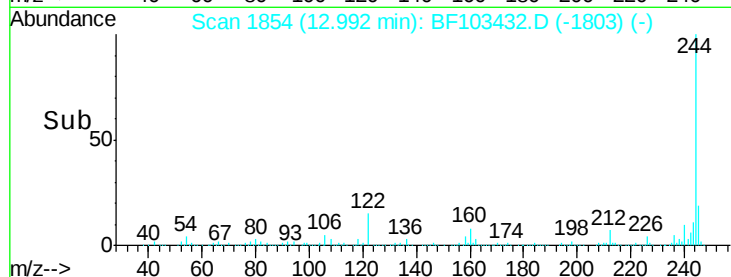
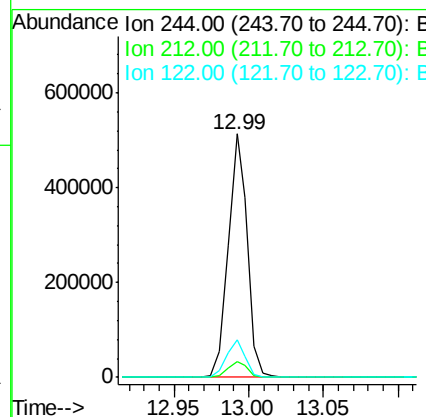
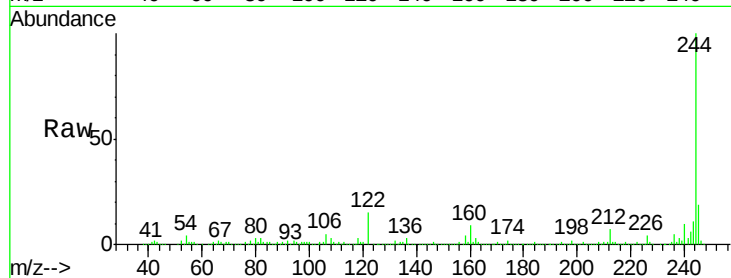
#78
 Terphenyl-d14
 Concen: 62.833 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF103432.D
 Acq: 6 Mar 2018 1:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-24

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	15.4	11.0	16.4

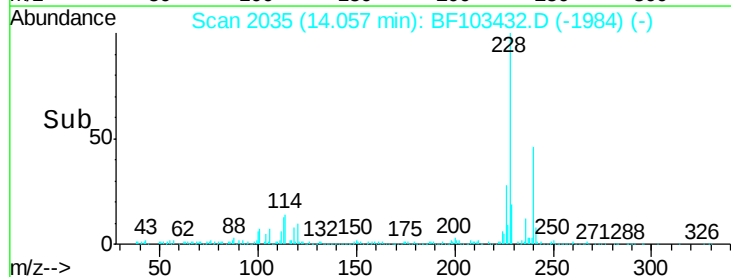
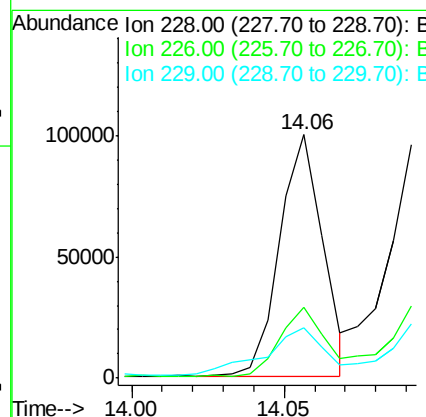
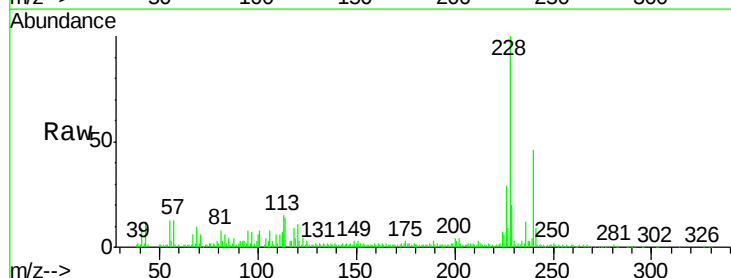
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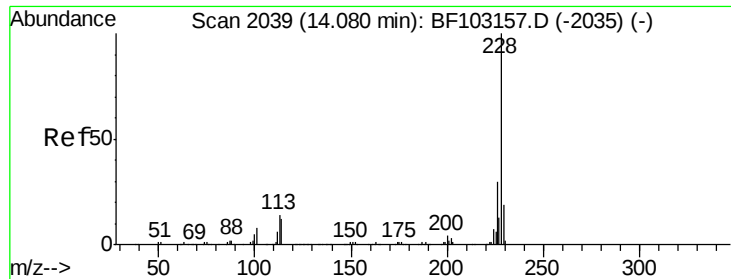
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#80
 Benzo(a)anthracene
 Concen: 8.491 ng m
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF103432.D
 Acq: 6 Mar 2018 1:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.4	15.8	23.6





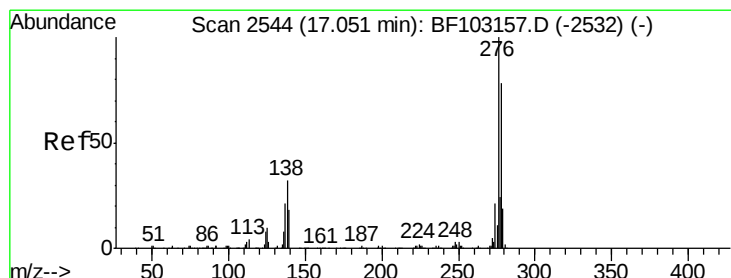
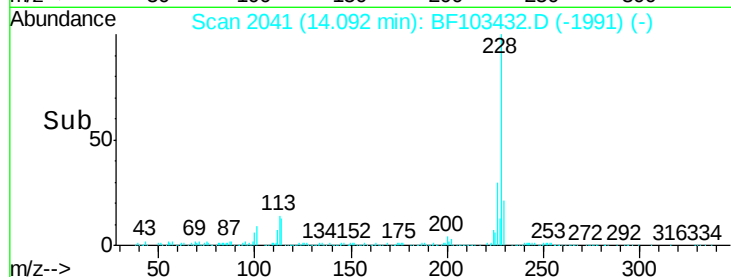
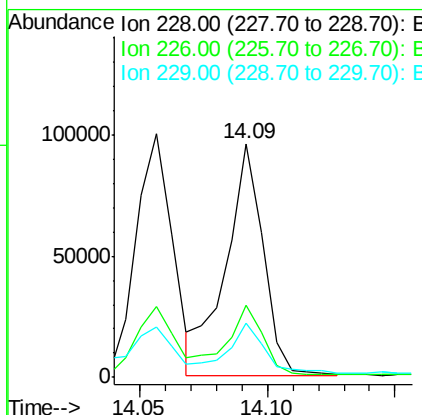
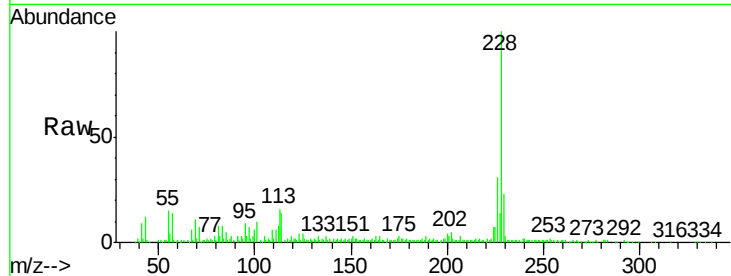
#82
Chrysene
Concen: 8.767 ng/mL
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Instrument :
BNA_F
ClientSampled :
SP-24

Tot Ion:	228	Resp:	98035
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	23.3	16.2	24.4

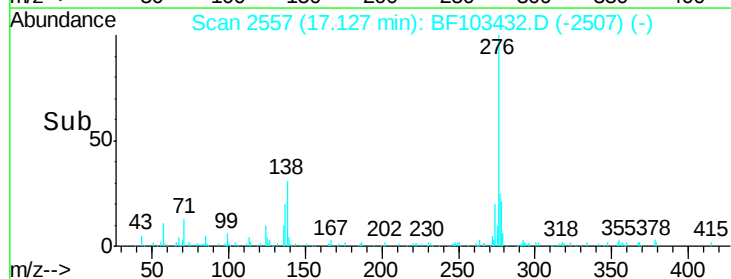
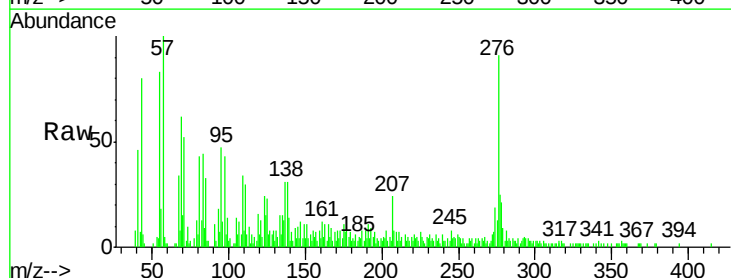
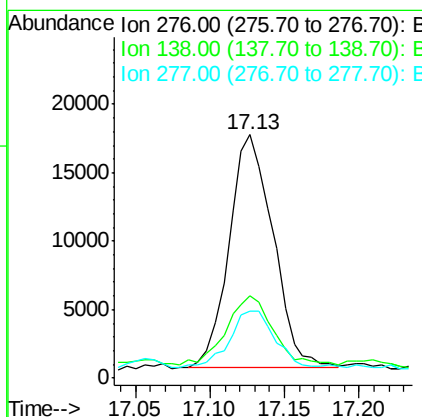
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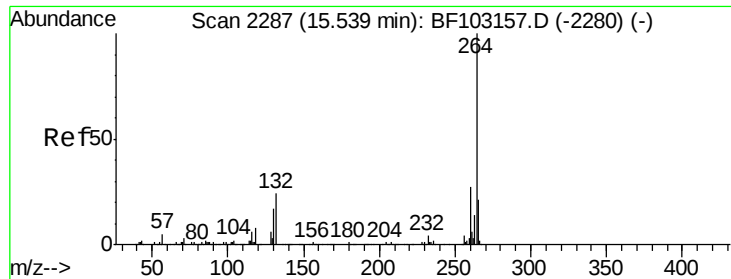
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.952 ng/mL
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Tgt Ion:	276	Resp:	34990
Ion Ratio	Lower	Upper	
276	100		
138	32.8	25.0	37.6
277	24.3	20.1	30.1





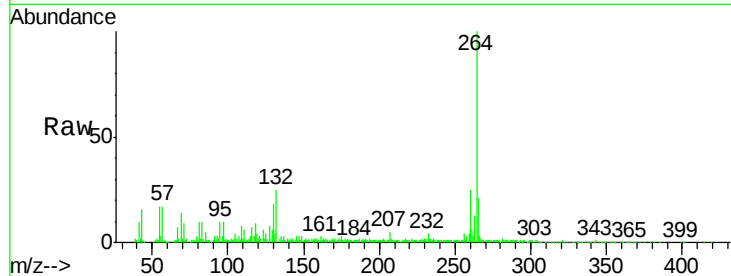
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Instrument :
BNA_F
ClientSampled :
SP-24

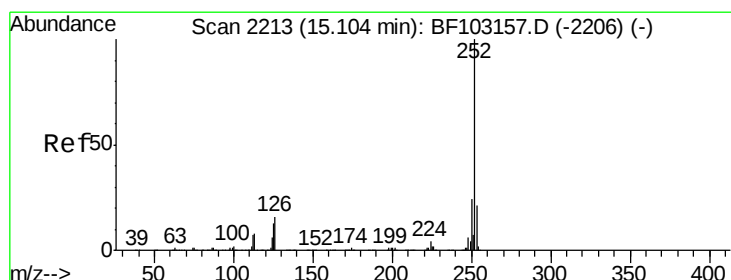
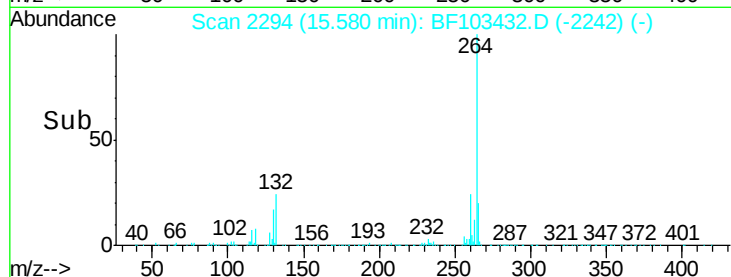
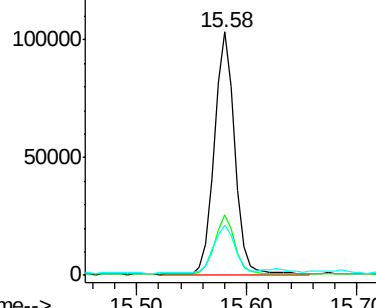
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.8	17.5	26.3

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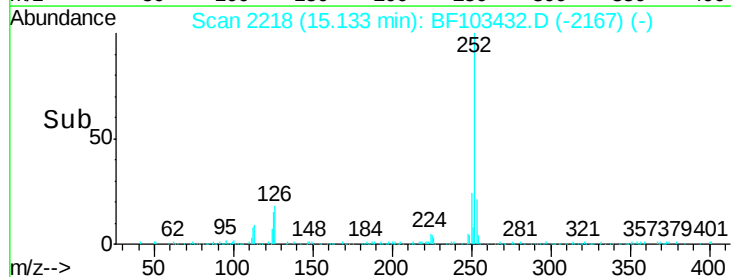
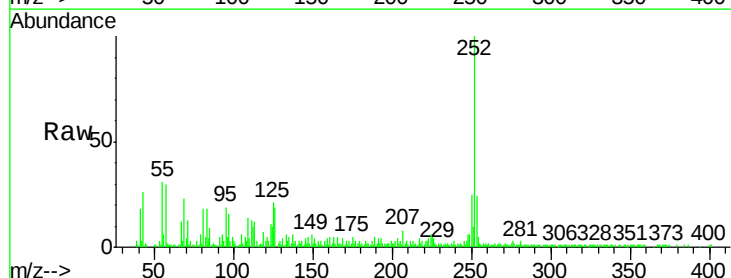
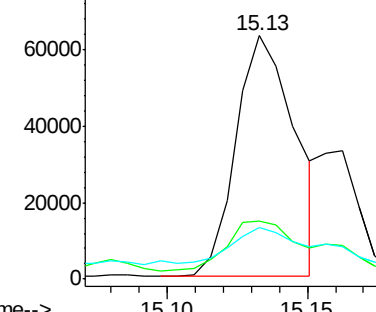
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

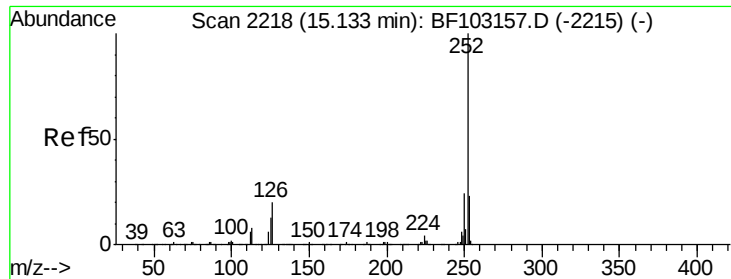


#87
Benzo(b)fluoranthene
Concen: 10.452 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	20.9	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





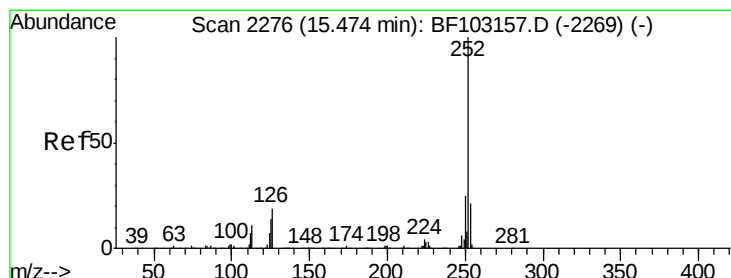
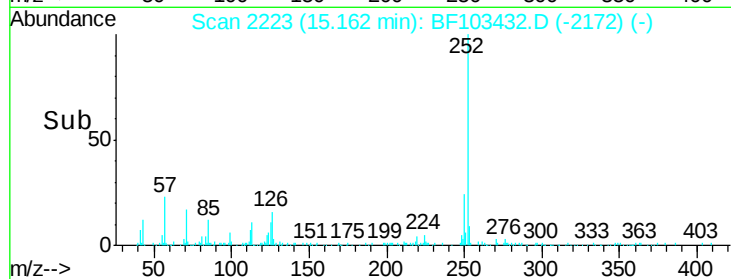
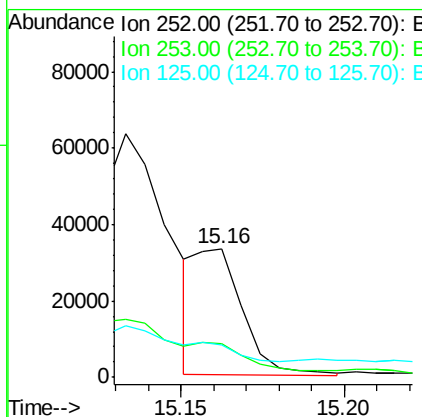
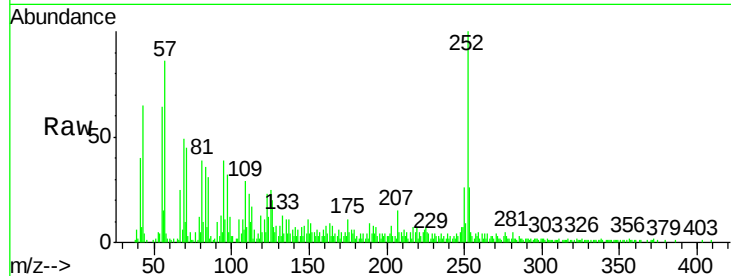
#88
Benzo(k)fluoranthene
Concen: 3.962 ng m
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Instrument :
BNA_F
ClientSampleId :
SP-24

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	25.1	10.2	15.2

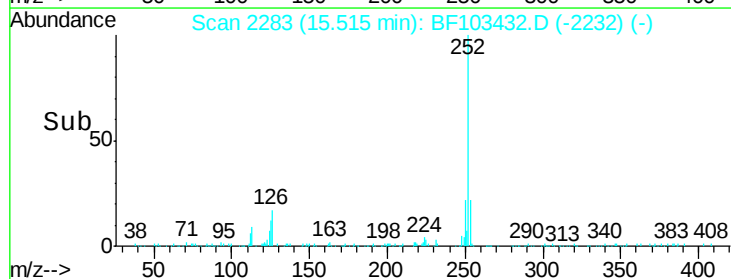
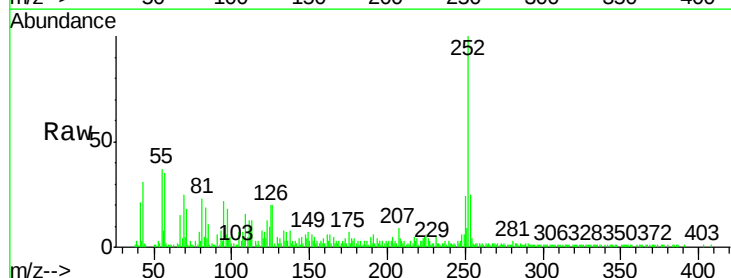
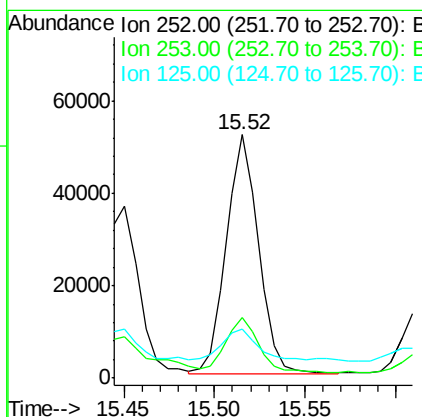
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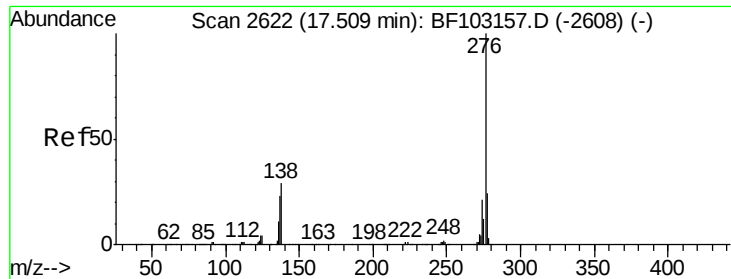
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#89
Benzo(a)pyrene
Concen: 8.177 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF103432.D
Acq: 6 Mar 2018 1:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	20.4	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 5.824 ng
 RT: 17.60 min Scan# 2638
 Delta R.T. 0.01 min
 Lab File: BF103432.D
 Acq: 6 Mar 2018 1:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-24

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.0	17.9	26.9#
138	35.5	21.8	32.8#

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