

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103470.D
 Acq On : 6 Mar 2018 21:55
 Operator : SJ/JU
 Sample : J1722-15 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-11

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:17:26 PM

Quant Time: Mar 07 01:19:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	130092	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	515891	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	216420	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	306117	20.00	ng	0.00
75) Chrysene-d12	14.06	240	209710	20.00	ng	0.00
86) Perylene-d12	15.58	264	157347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	493215	57.34	ng	0.00
7) Phenol-d6	6.51	99	616246	58.55	ng	0.00
23) Nitrobenzene-d5	7.44	82	369108	40.86	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	62178	33.94	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	538829	36.91	ng	0.00
78) Terphenyl-d14	12.99	244	364501	41.78	ng	0.00
Target Compounds						
70) Phenanthrene	11.43	178	97108	5.764	ng	98
74) Fluoranthene	12.63	202	220774	13.041	ng	99
77) Pyrene	12.86	202	219122	13.402	ng	99
80) Benzo(a)anthracene	14.05	228	88741	6.522	ng	97
82) Chrysene	14.09	228	79886	6.047	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	135321	11.608	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.13	276	29764	2.846	ng	96
87) Benzo(b)fluoranthene	15.13	252	78351m	7.573	ng	
88) Benzo(k)fluoranthene	15.16	252	25803m	2.649	ng	
89) Benzo(a)pyrene	15.52	252	53926	5.837	ng	# 83
91) Benzo(g,h,i)perylene	17.60	276	29653	4.250	ng	# 88

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

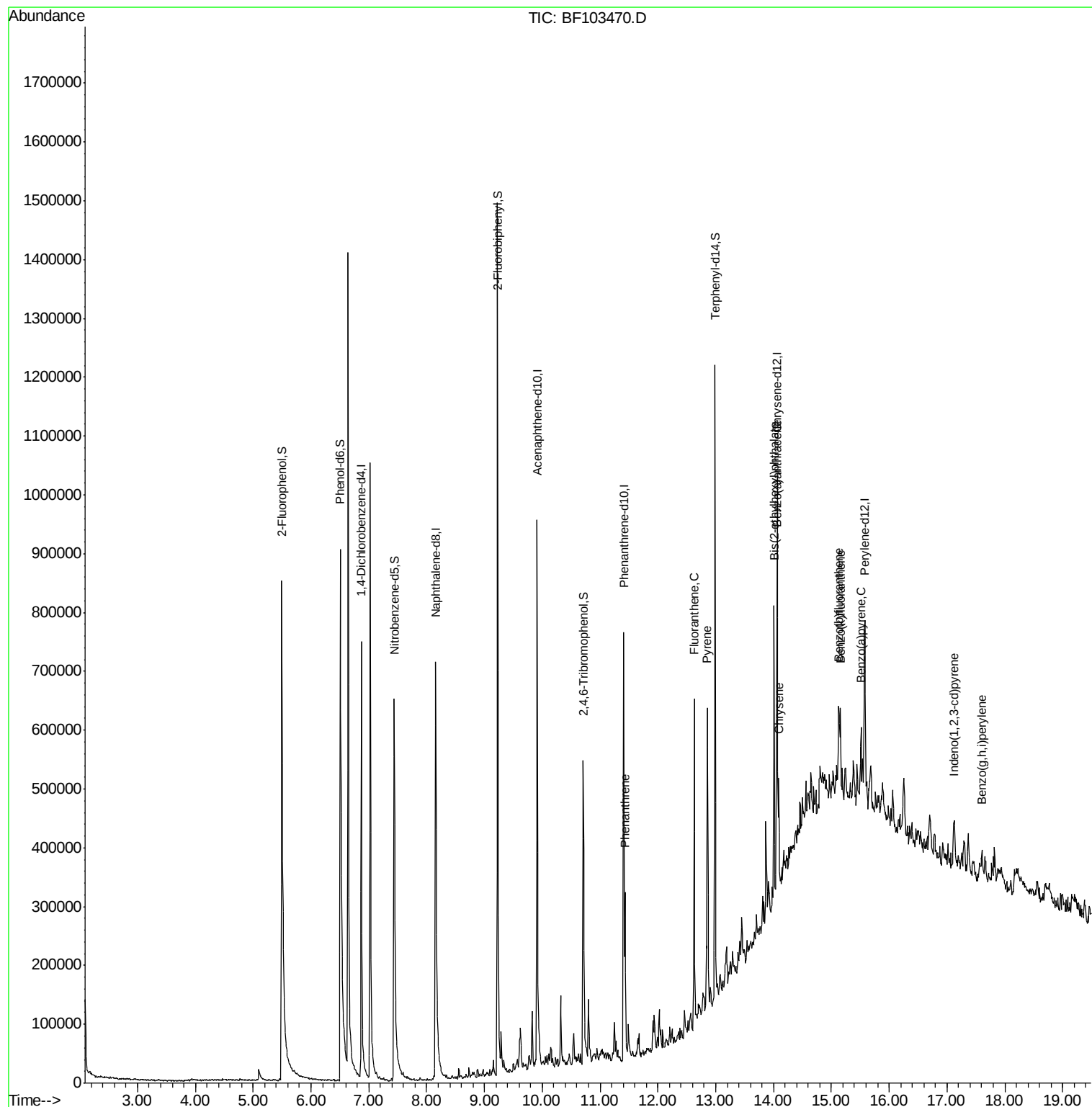
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103470.D
Acq On : 6 Mar 2018 21:55
Operator : SJ/JU
Sample : J1722-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

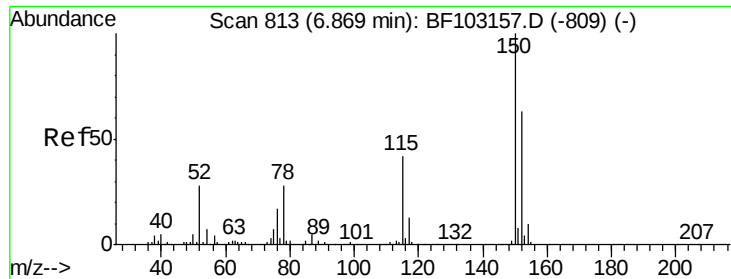
Instrument :
BNA_F
ClientSampleId :
SP-11

Manual Integrations
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Sohil
3/7/2018 12:17:26 PM

Quant Time: Mar 07 01:19:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

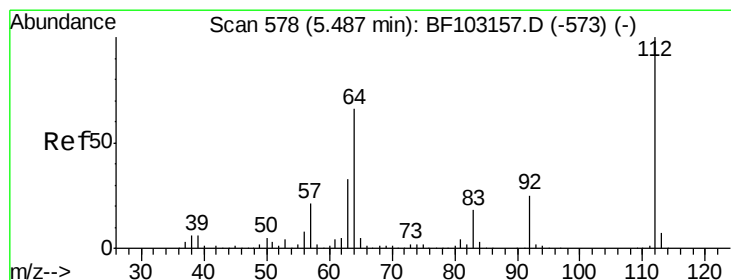
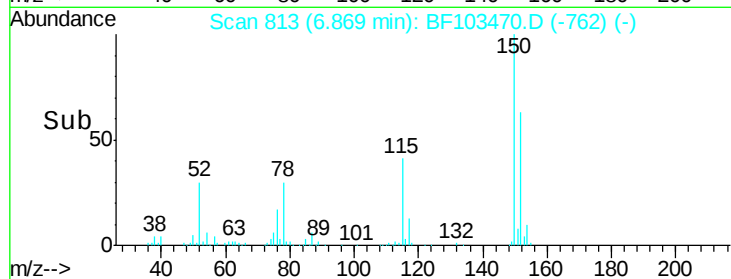
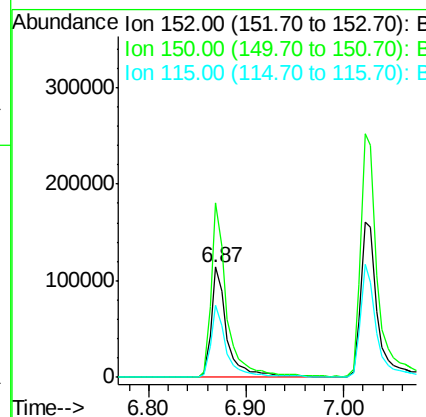
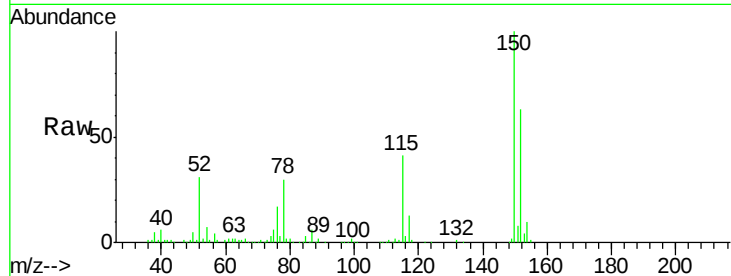
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103470.D
Acq: 6 Mar 2018 21:55

Instrument :
BNA_F
ClientSampled :
SP-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	65.3	50.1	75.1

Manual Integrations
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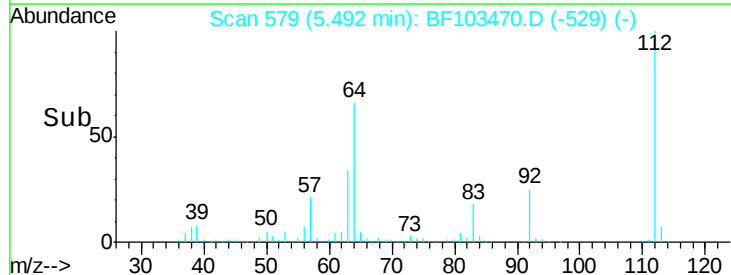
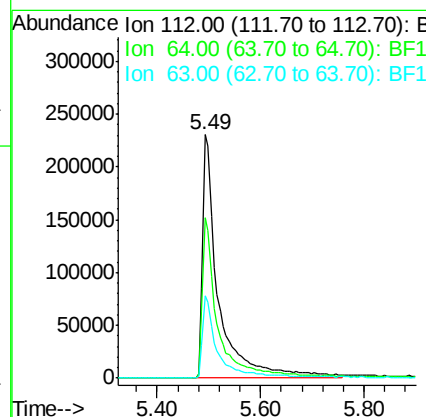
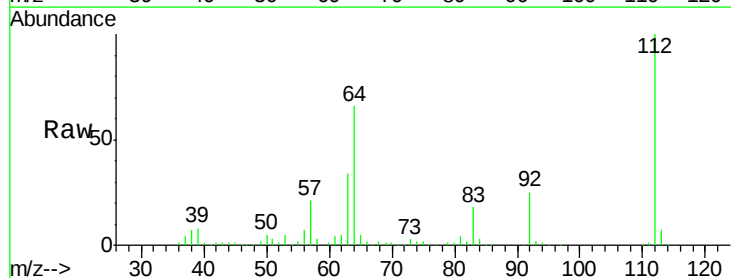
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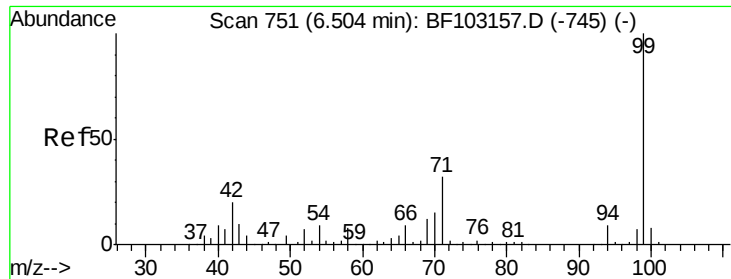


#5

2-Fluorophenol
Concen: 57.340 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF103470.D
Acq: 6 Mar 2018 21:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	33.9	23.7	35.5





#7

Phenol-d6

Concen: 58.549 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103470.D

Acq: 6 Mar 2018 21:55

Instrument :

BNA_F

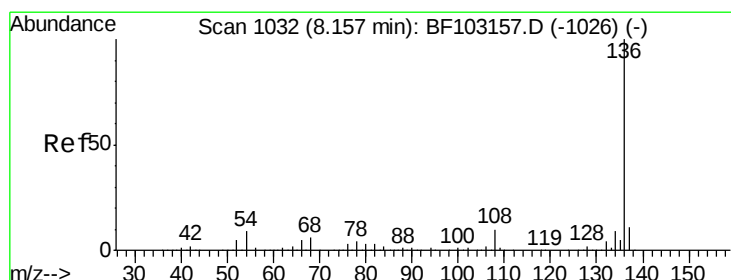
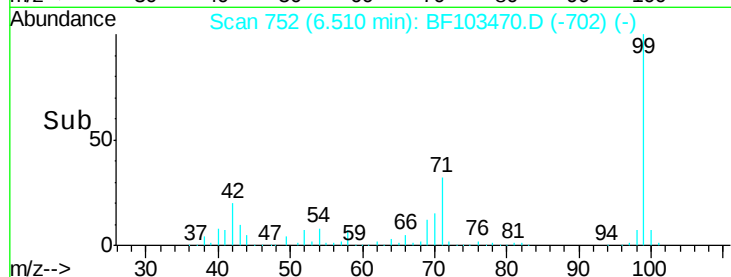
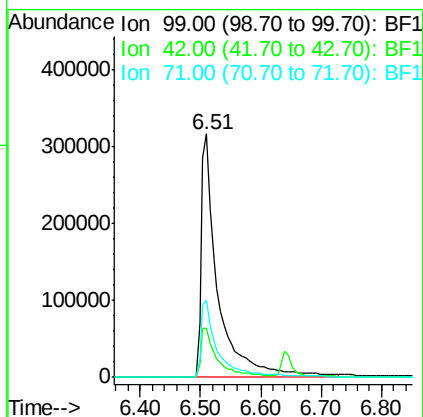
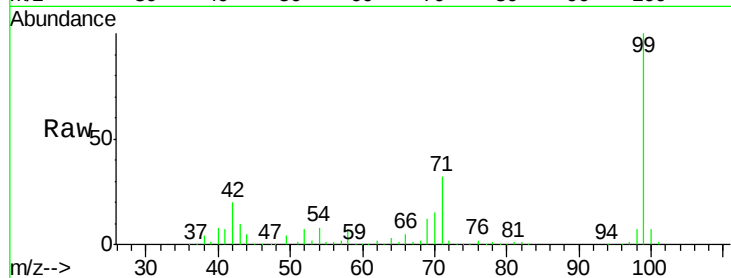
ClientSampled :

SP-11

Tot Ion:	99	Resp:	616246
Ion Ratio	Lower	Upper	
99	100		
42	20.4	14.5	21.7
71	31.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

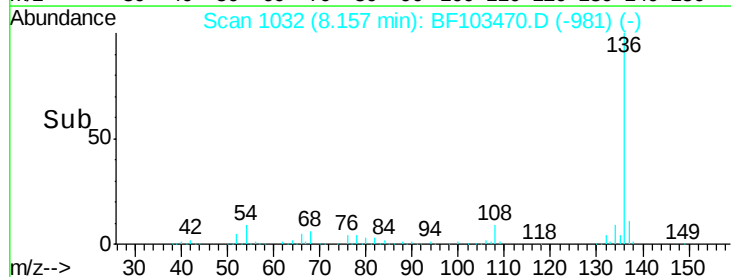
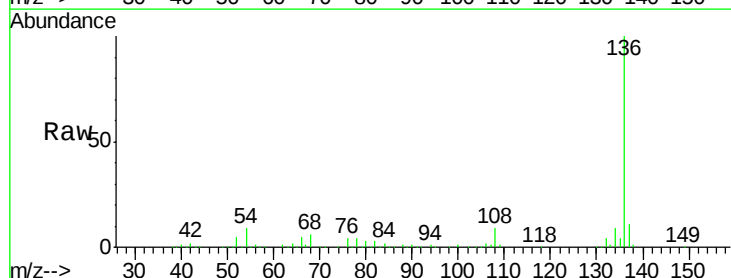
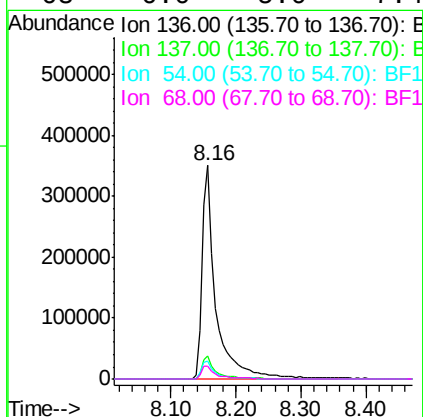
RT: 8.16 min Scan# 1032

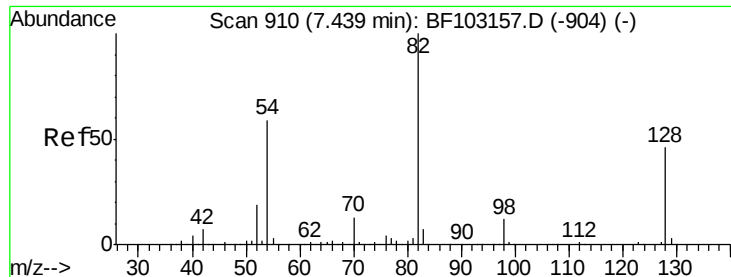
Delta R.T. -0.00 min

Lab File: BF103470.D

Acq: 6 Mar 2018 21:55

Tgt Ion:	136	Resp:	515891
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.6	6.6	9.8
68	6.0	5.0	7.4





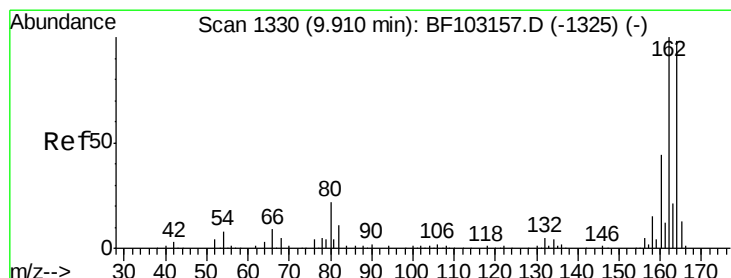
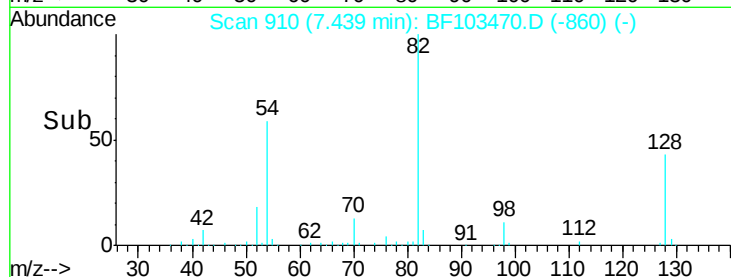
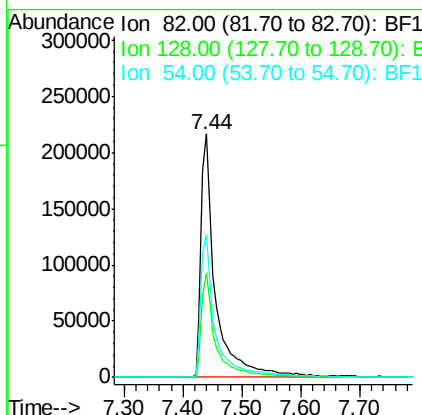
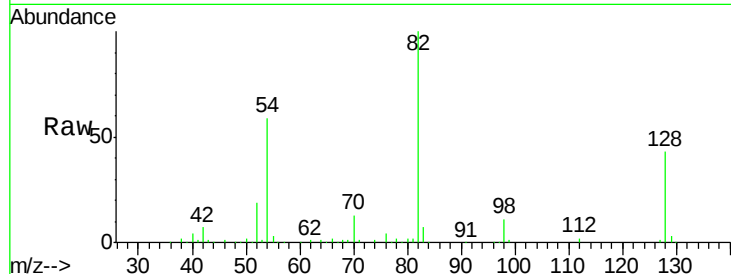
#23
Nitrobenzene-d5
Concen: 40.860 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103470.D
Acq: 6 Mar 2018 21:55

Instrument :
BNA_F
ClientSampled :
SP-11

Tot Ion	Ratio	Resp	Lower	Upper
82	100	369108		
128	42.6		36.1	54.1
54	58.8		41.4	62.2

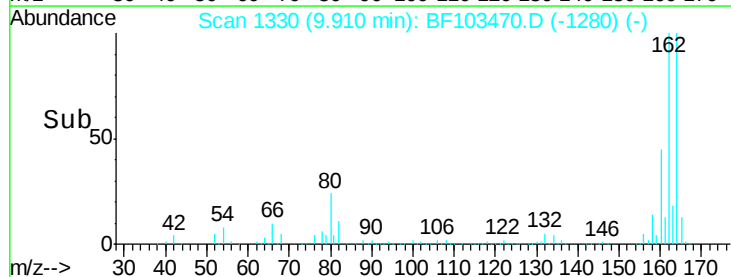
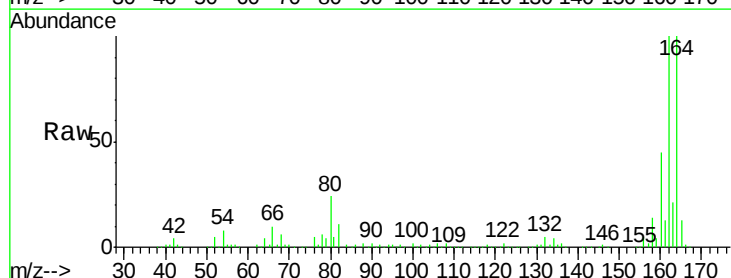
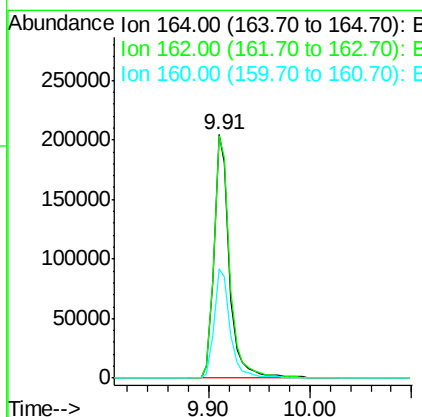
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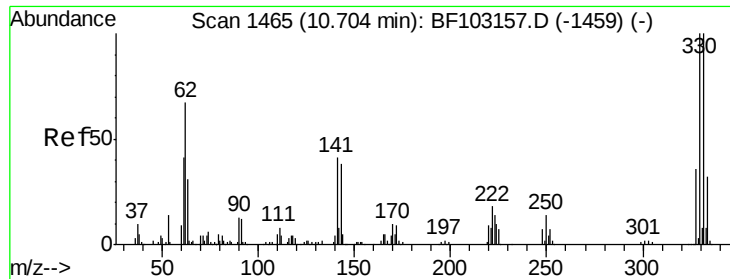
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103470.D
Acq: 6 Mar 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	216420		
162	99.7		86.1	129.1
160	44.8		38.3	57.5





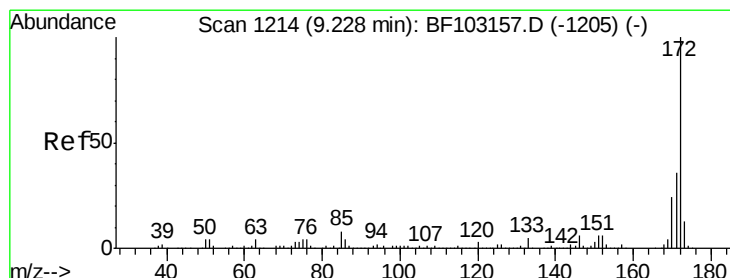
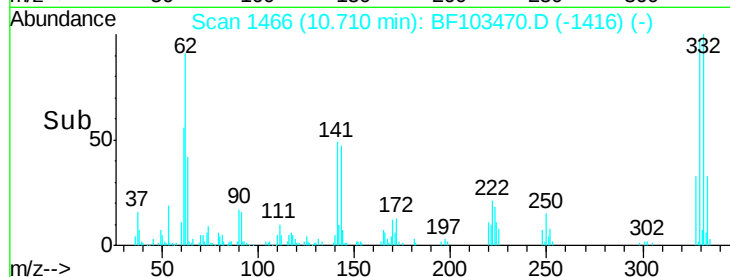
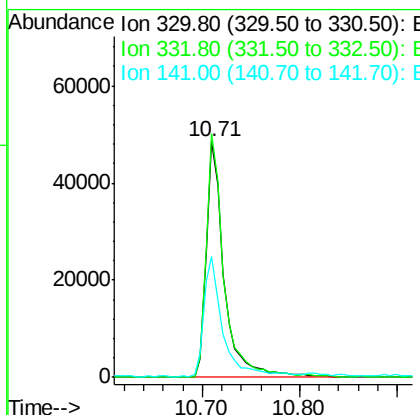
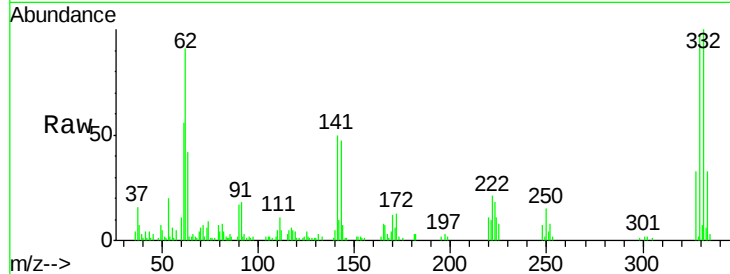
#41
 2,4,6-Tribromophenol
 Concen: 33.942 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103470.D
 Acq: 6 Mar 2018 21:55

Instrument :
 BNA_F
 ClientSampled :
 SP-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.7	77.0	115.6
141	54.8	29.9	44.9

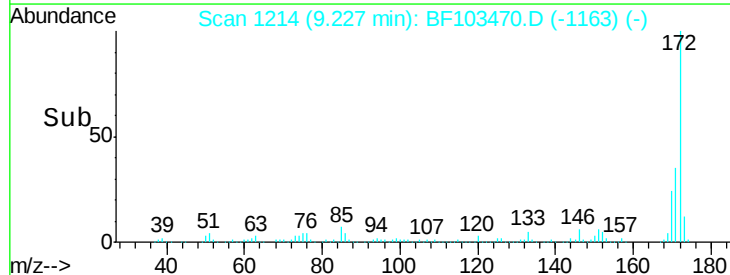
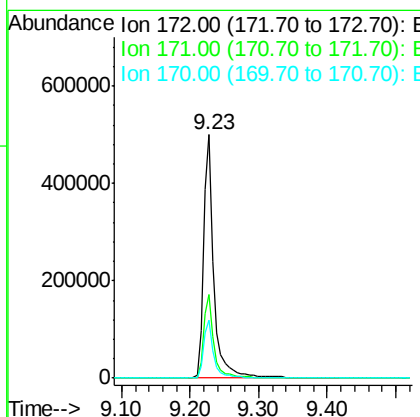
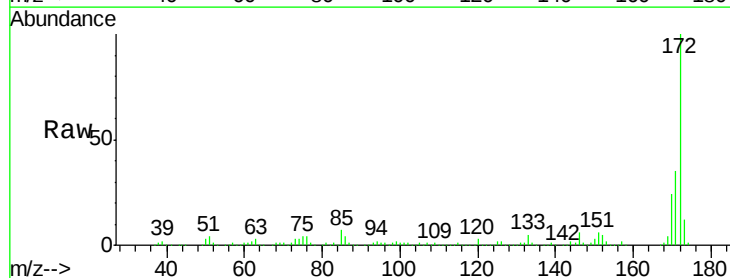
Manual Integrations
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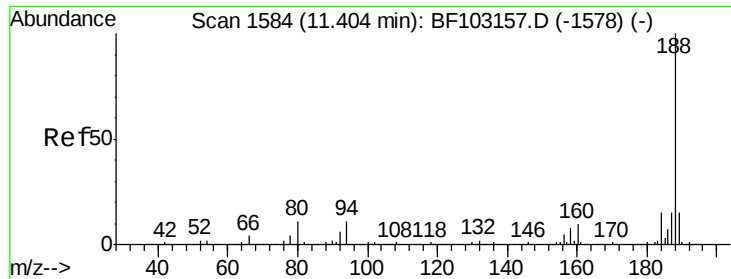
Sohil
 3/7/2018 12:17:26 PM



#44
 2-Fluorobiphenyl
 Concen: 36.913 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF103470.D
 Acq: 6 Mar 2018 21:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	24.1	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF103470.D

Acq: 6 Mar 2018 21:55

Instrument :

BNA_F

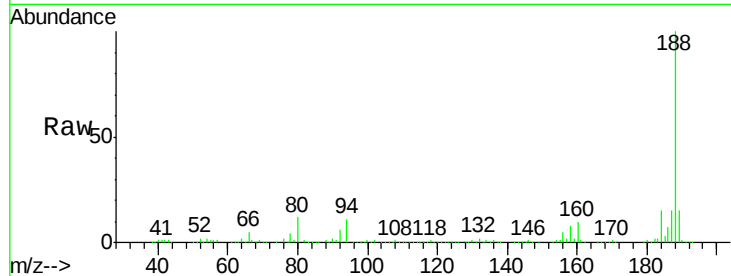
ClientSampled :

SP-11

Tot Ion:	188	Resp:	306117
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.5	12.7
80	11.6	9.2	13.8

Manual Integrations
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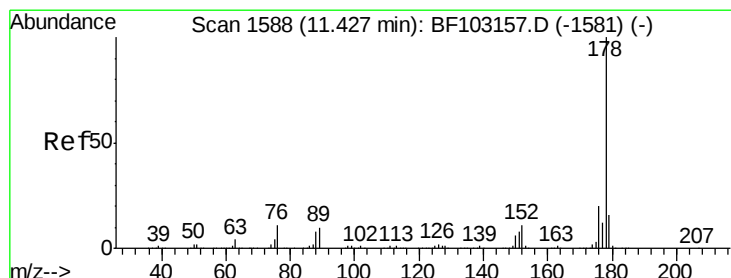
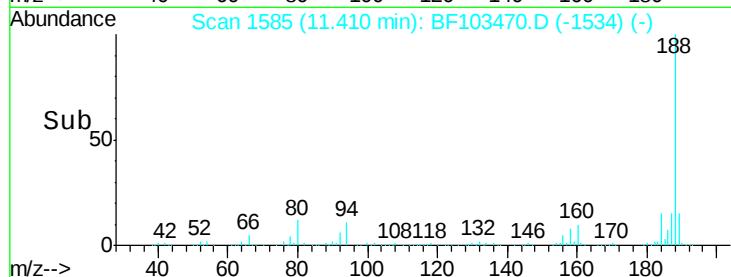
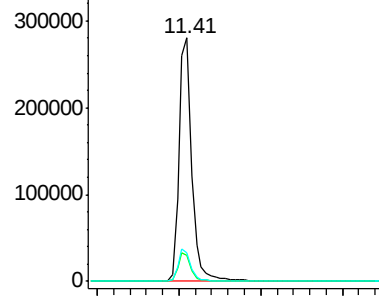
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#70

Phenanthrene

Concen: 5.764 ng

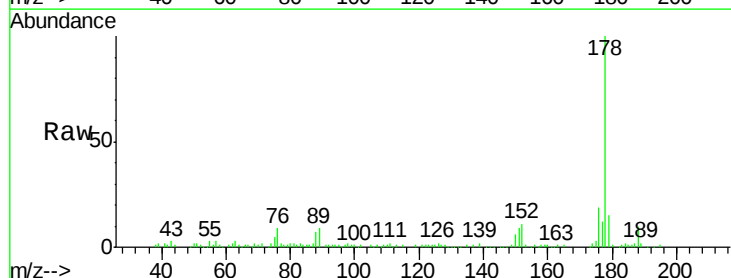
RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF103470.D

Acq: 6 Mar 2018 21:55

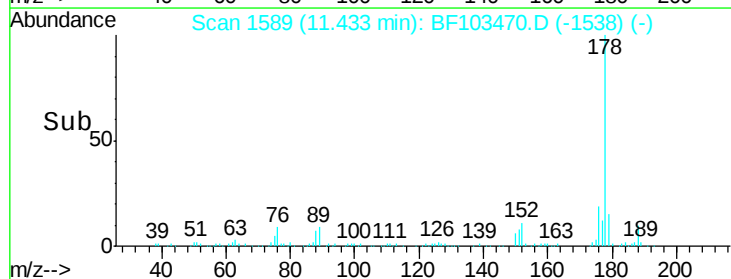
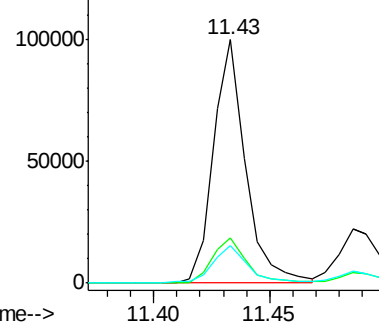
Tgt Ion:	178	Resp:	97108
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.8	23.8
179	15.4	13.0	19.6

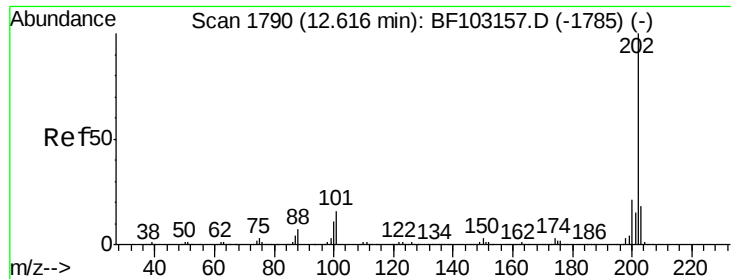


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 13.041 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103470.D

Acq: 6 Mar 2018 21:55

Instrument :

BNA_F

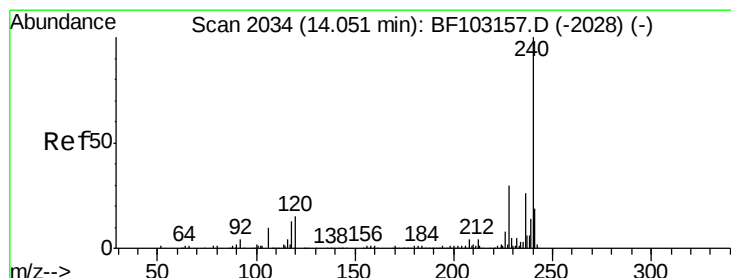
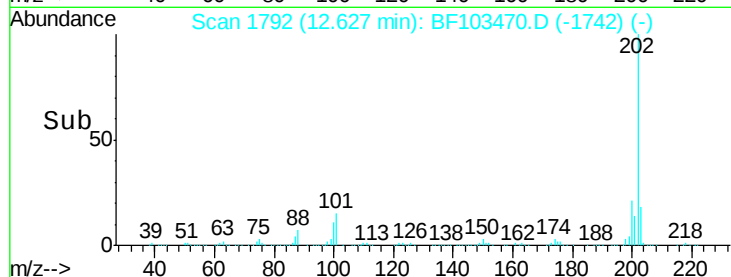
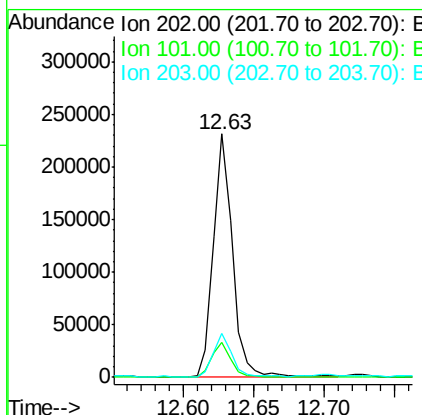
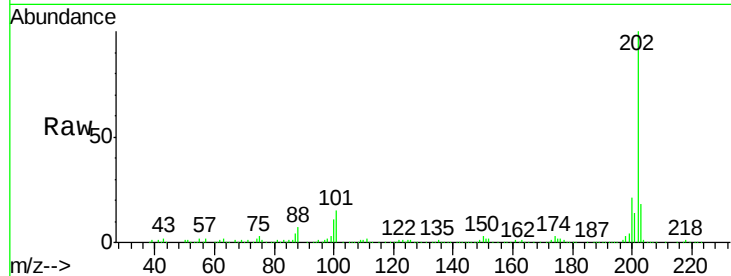
ClientSampleId :

SP-11

Tot Ion	Ratio	Resp	Lower	Upper
202	100	220774		
101	14.6	0.0	34.1	
203	18.2	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

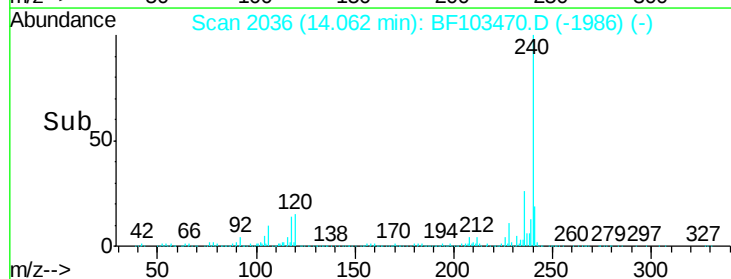
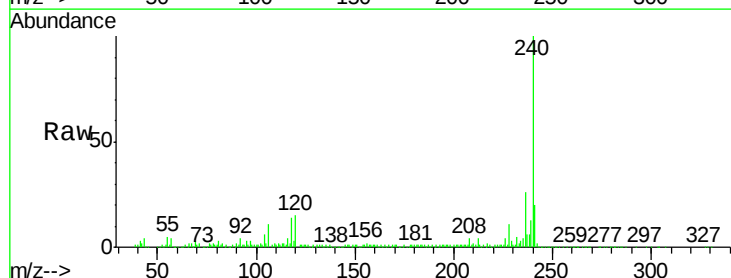
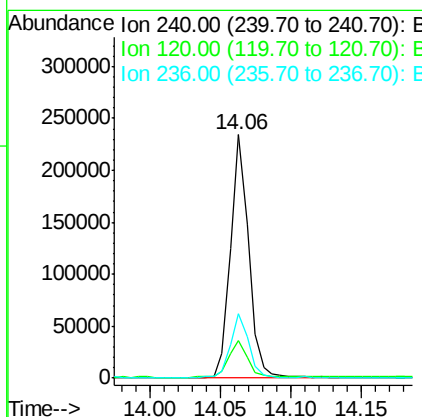
RT: 14.06 min Scan# 2036

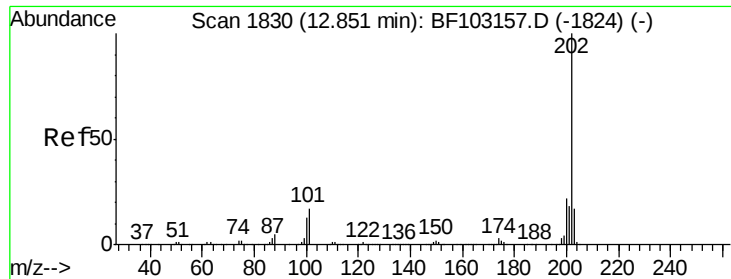
Delta R.T. -0.01 min

Lab File: BF103470.D

Acq: 6 Mar 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	209710		
120	15.3	9.5	14.3#	
236	26.5	20.7	31.1	





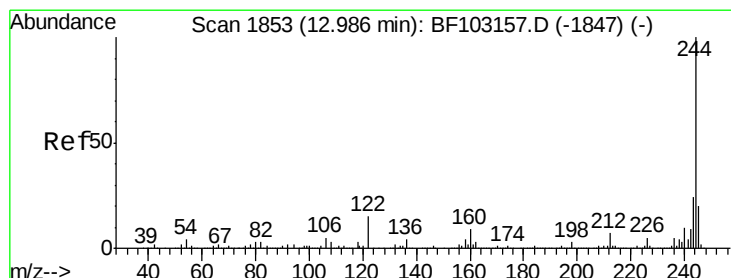
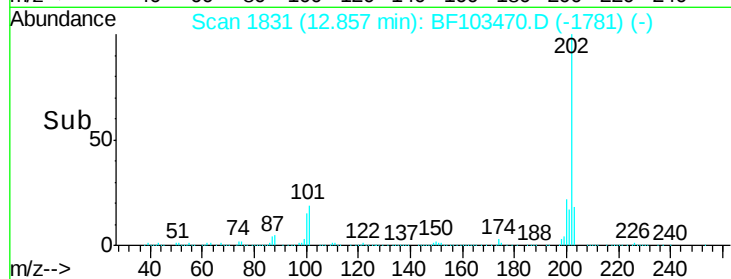
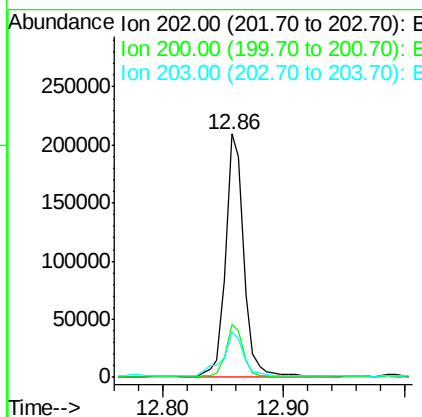
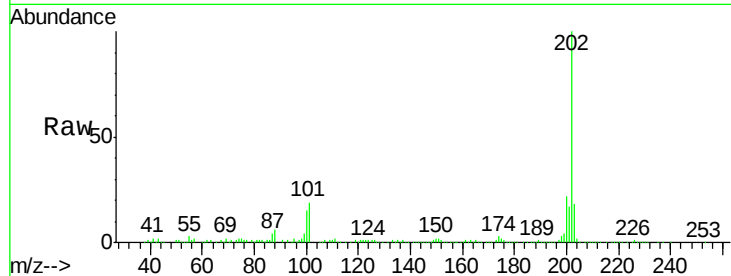
#77
Pvrene
Concen: 13.402 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103470.D
Acq: 6 Mar 2018 21:55

Instrument :
BNA_F
ClientSampled :
SP-11

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.4	14.3	21.5

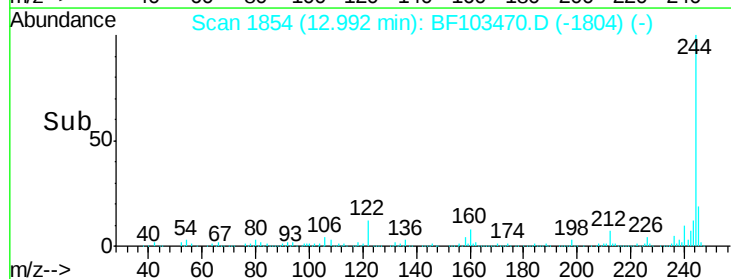
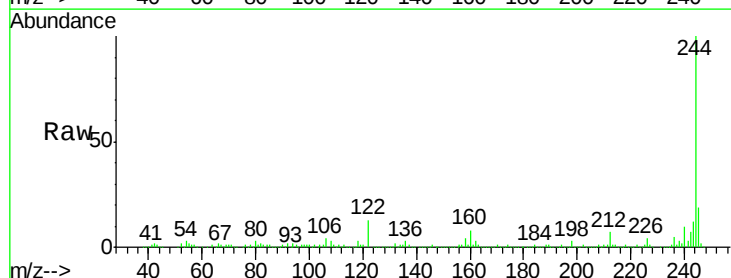
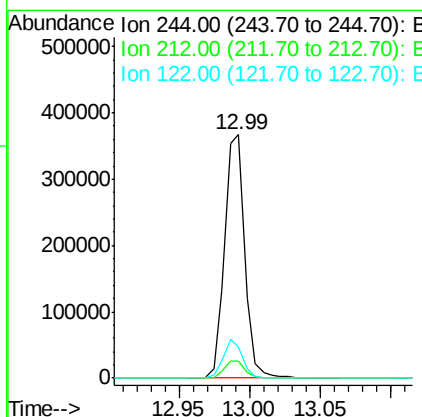
Manual Integrations
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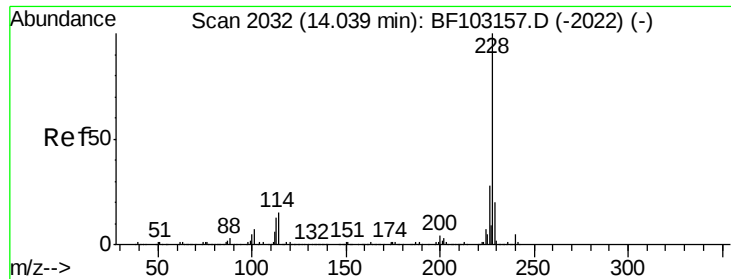
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#78
Terphenyl-d14
Concen: 41.782 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103470.D
Acq: 6 Mar 2018 21:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4





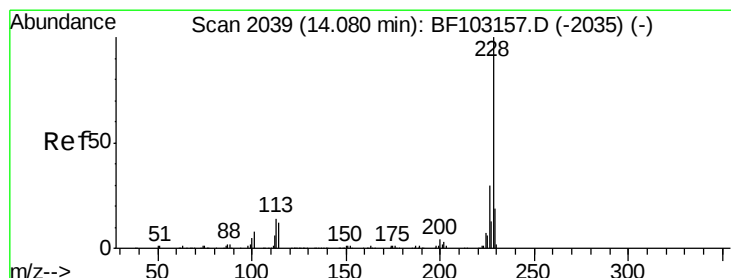
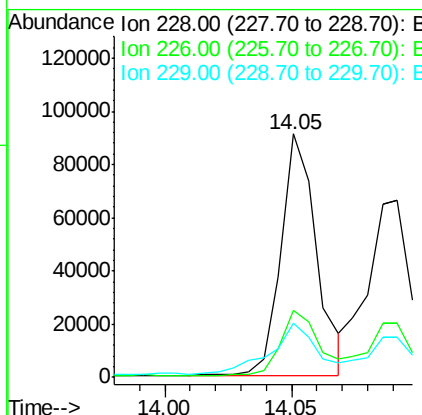
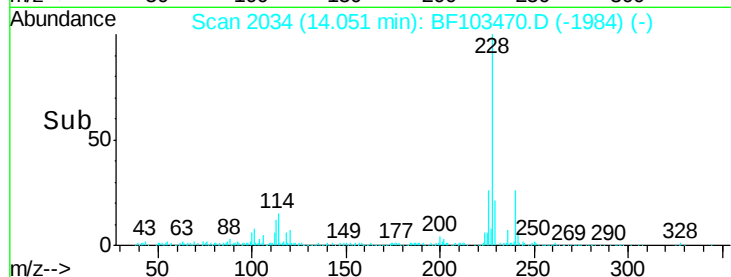
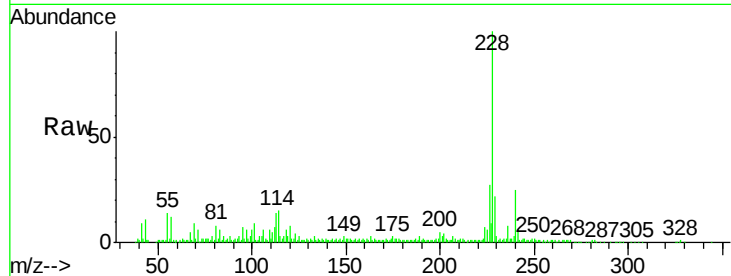
#80
Benzo(a)anthracene
Concen: 6.522 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103470.D
Acq: 6 Mar 2018 21:55

Instrument :
BNA_F
ClientSampleId :
SP-11

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	22.3	15.8	23.6

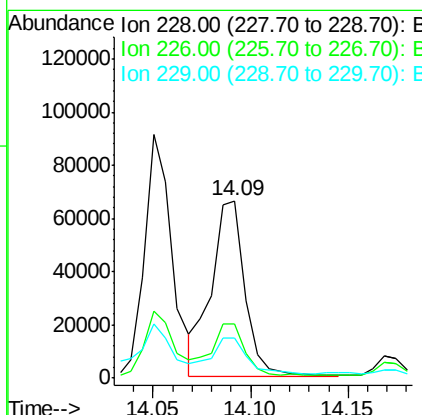
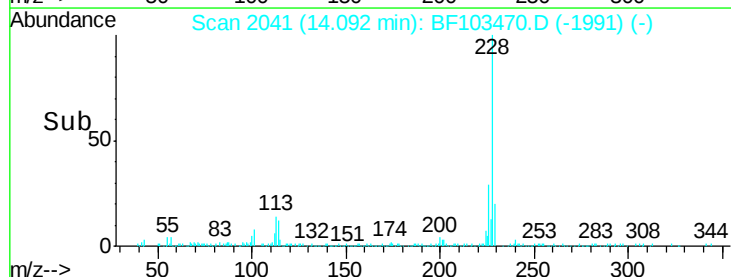
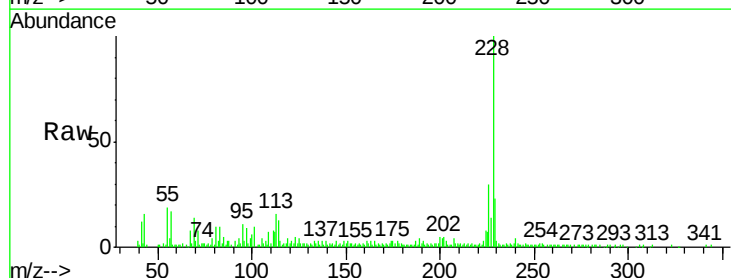
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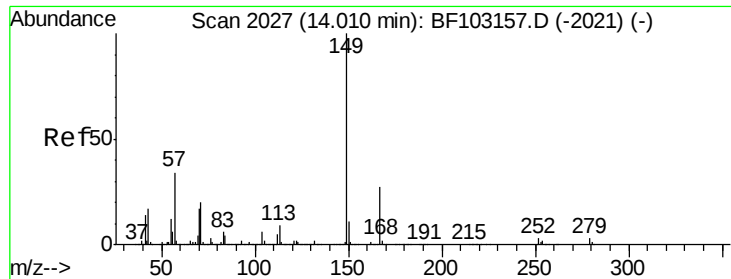
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#82
Chrysene
Concen: 6.047 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103470.D
Acq: 6 Mar 2018 21:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.8	16.2	24.4





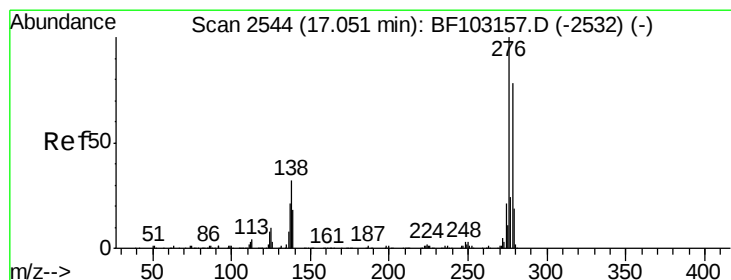
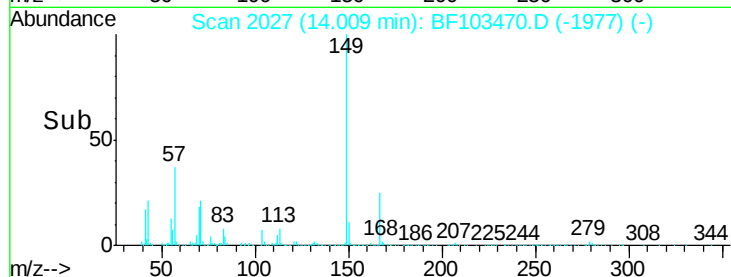
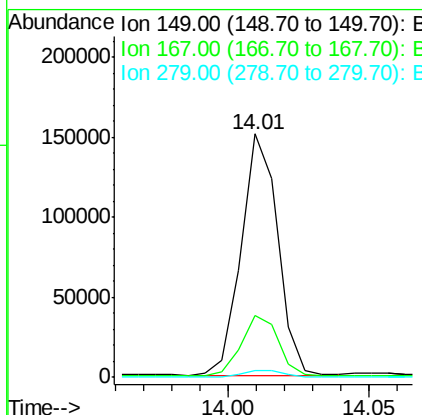
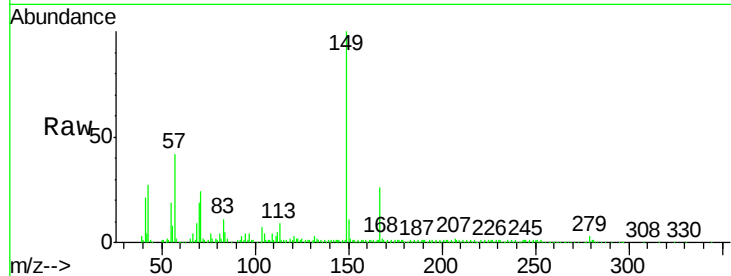
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.608 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103470.D
 Acq: 6 Mar 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SP-11

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.3	31.9
279	2.6	3.0	4.4

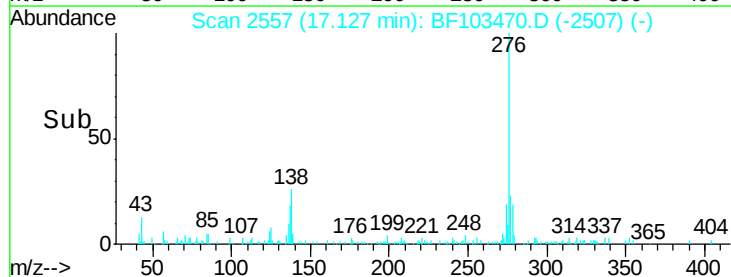
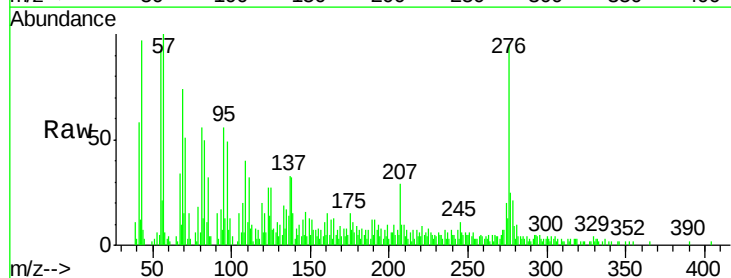
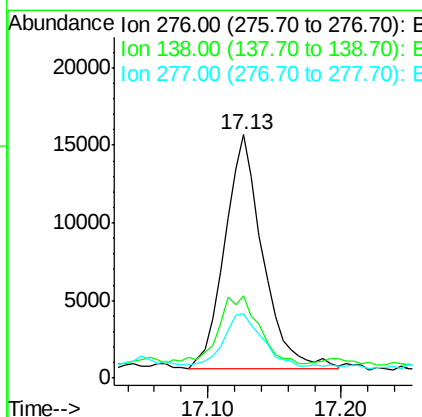
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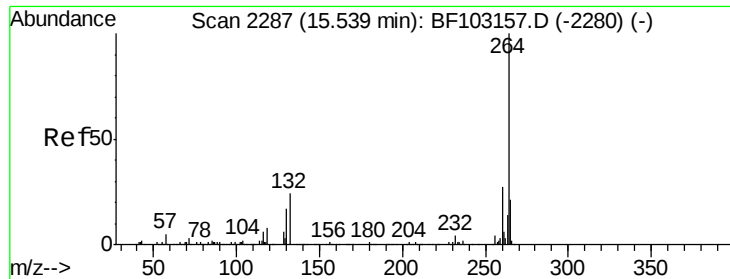
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.846 ng
 RT: 17.13 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BF103470.D
 Acq: 6 Mar 2018 21:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.0	37.6
277	22.3	20.1	30.1





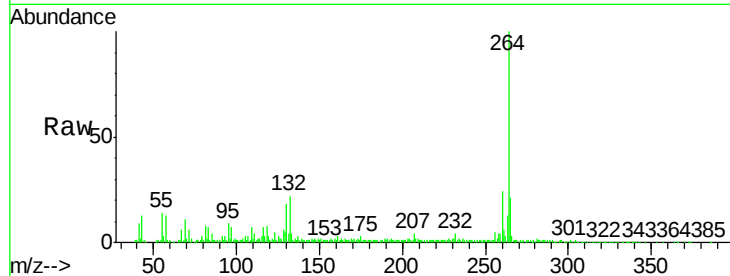
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103470.D
Acq: 6 Mar 2018 21:55

Instrument :
BNA_F
ClientSampleId :
SP-11

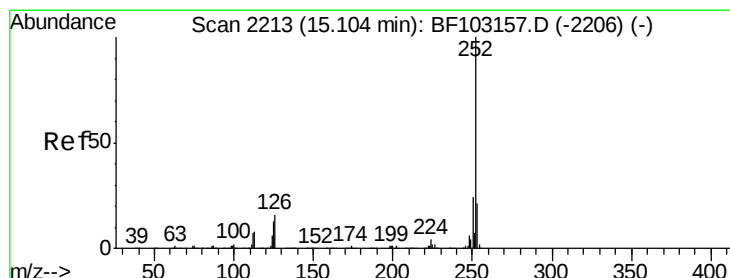
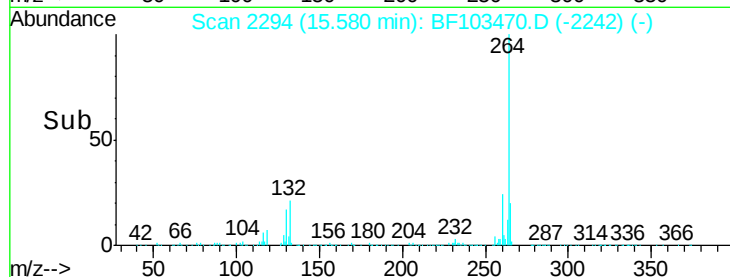
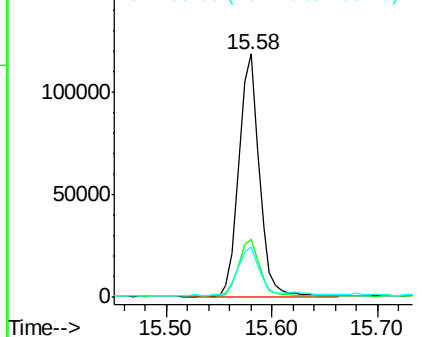
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.7	17.5	26.3

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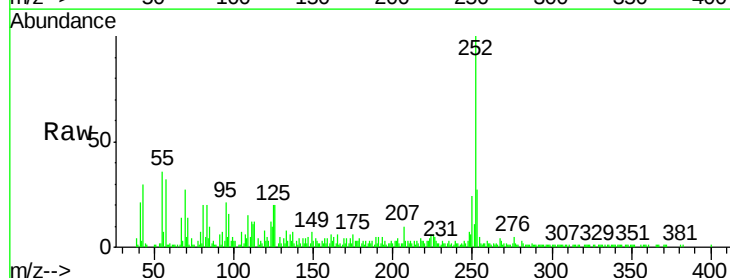


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

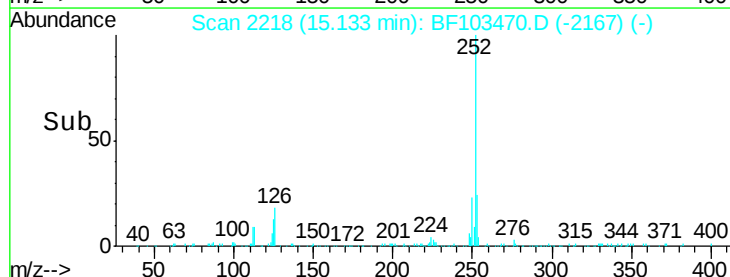
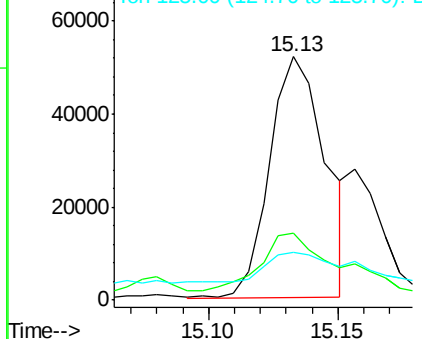


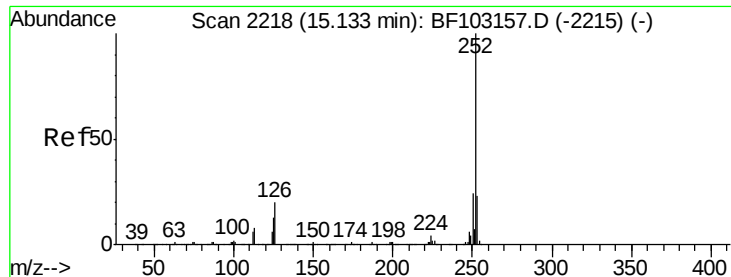
#87
Benzo(b)fluoranthene
Concen: 7.573 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103470.D
Acq: 6 Mar 2018 21:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.0	25.6#
125	19.7	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





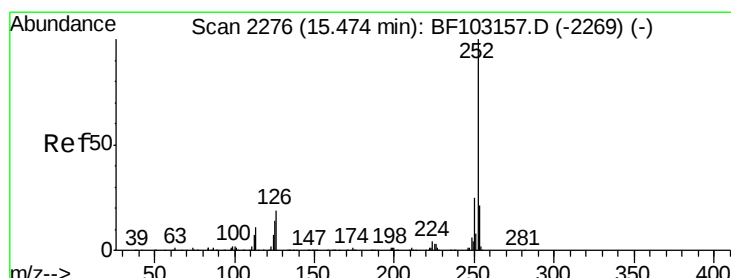
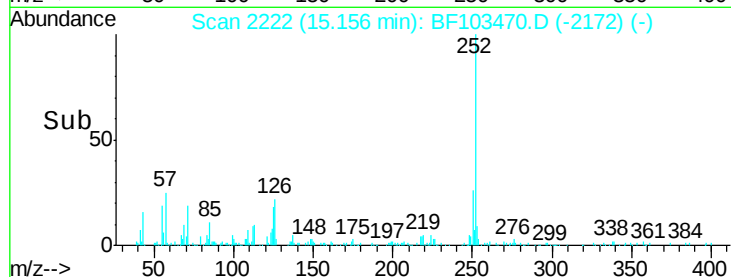
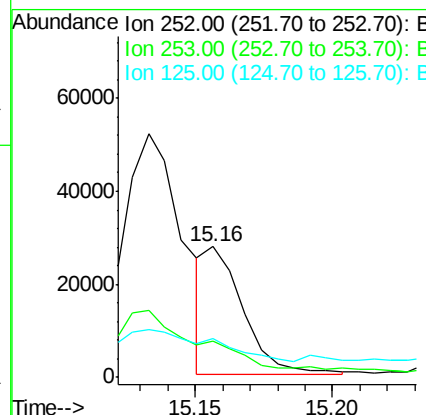
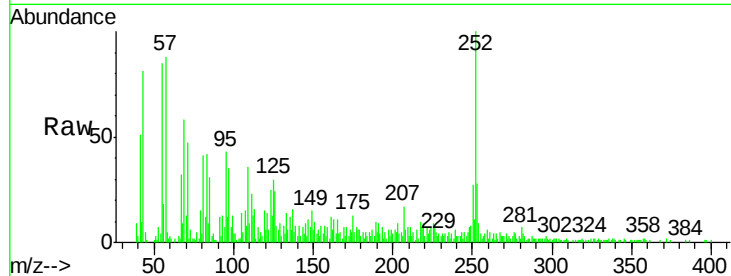
#88
Benzo(k)fluoranthene
Concen: 2.649 ng/mL
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF103470.D
Acq: 6 Mar 2018 21:55

Instrument :
BNA_F
Client Sampled :
SP-11

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.9	26.9#
125	30.1	10.2	15.2#

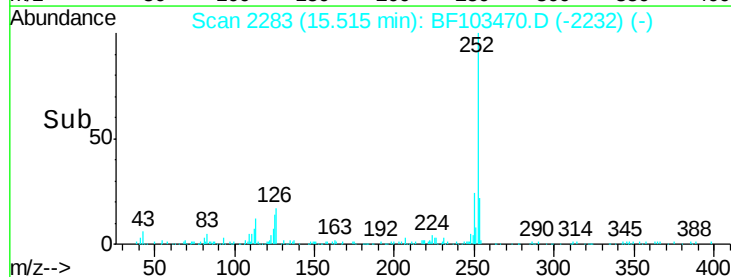
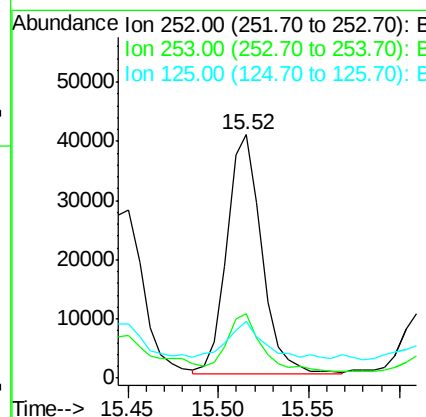
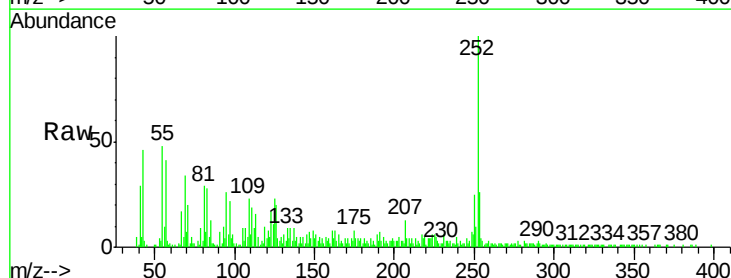
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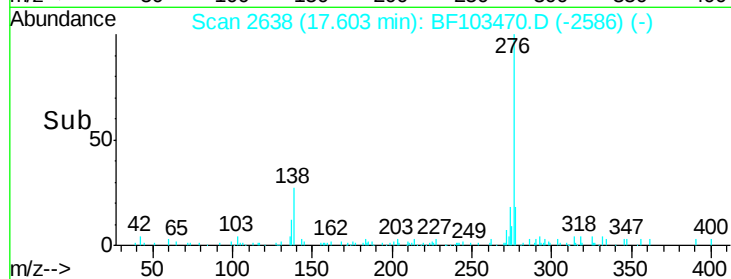
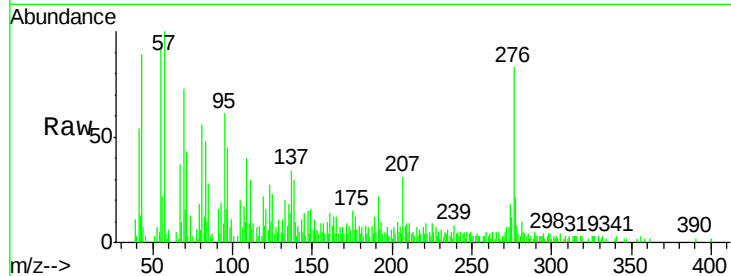
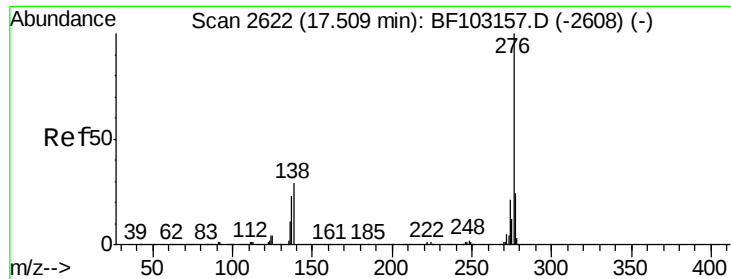
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#89
Benzo(a)pyrene
Concen: 5.837 ng/mL
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF103470.D
Acq: 6 Mar 2018 21:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.1	25.7#
125	23.5	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 4.250 ng
 RT: 17.60 min Scan# 2638
 Delta R.T. 0.01 min
 Lab File: BF103470.D
 Acq: 6 Mar 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SP-11

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	36.1	21.8	32.8

Manual Integrations
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