

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103469.D
 Acq On : 6 Mar 2018 21:29
 Operator : SJ/JU
 Sample : J1722-13 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-9

Manual Integrations
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 3/7/2018 12:17:24 PM

Quant Time: Mar 07 01:15:55 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	125705	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	536349	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	215409	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	331433	20.00	ng	0.00
75) Chrysene-d12	14.06	240	217302	20.00	ng	0.00
86) Perylene-d12	15.57	264	165847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	464037	55.83	ng	0.00
7) Phenol-d6	6.51	99	626456	61.60	ng	0.00
23) Nitrobenzene-d5	7.44	82	360507	38.39	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	63045	34.58	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	508781	34.70	ng	0.00
78) Terphenyl-d14	12.99	244	344669	38.13	ng	-0.01
Target Compounds						
70) Phenanthrene	11.43	178	100329	5.501	ng	98
74) Fluoranthene	12.63	202	169467	9.246	ng	99
77) Pyrene	12.86	202	168209	9.928	ng	99
80) Benzo(a)anthracene	14.05	228	72146	5.117	ng	98
82) Chrysene	14.09	228	65669	4.797	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	47318	3.917	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	23619	2.179	ng	99
87) Benzo(b)fluoranthene	15.13	252	63994m	5.869	ng	
88) Benzo(k)fluoranthene	15.16	252	22192m	2.161	ng	
89) Benzo(a)pyrene	15.52	252	42400	4.354	ng	# 88
91) Benzo(g,h,i)perylene	17.59	276	22855	3.108	ng	# 84

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

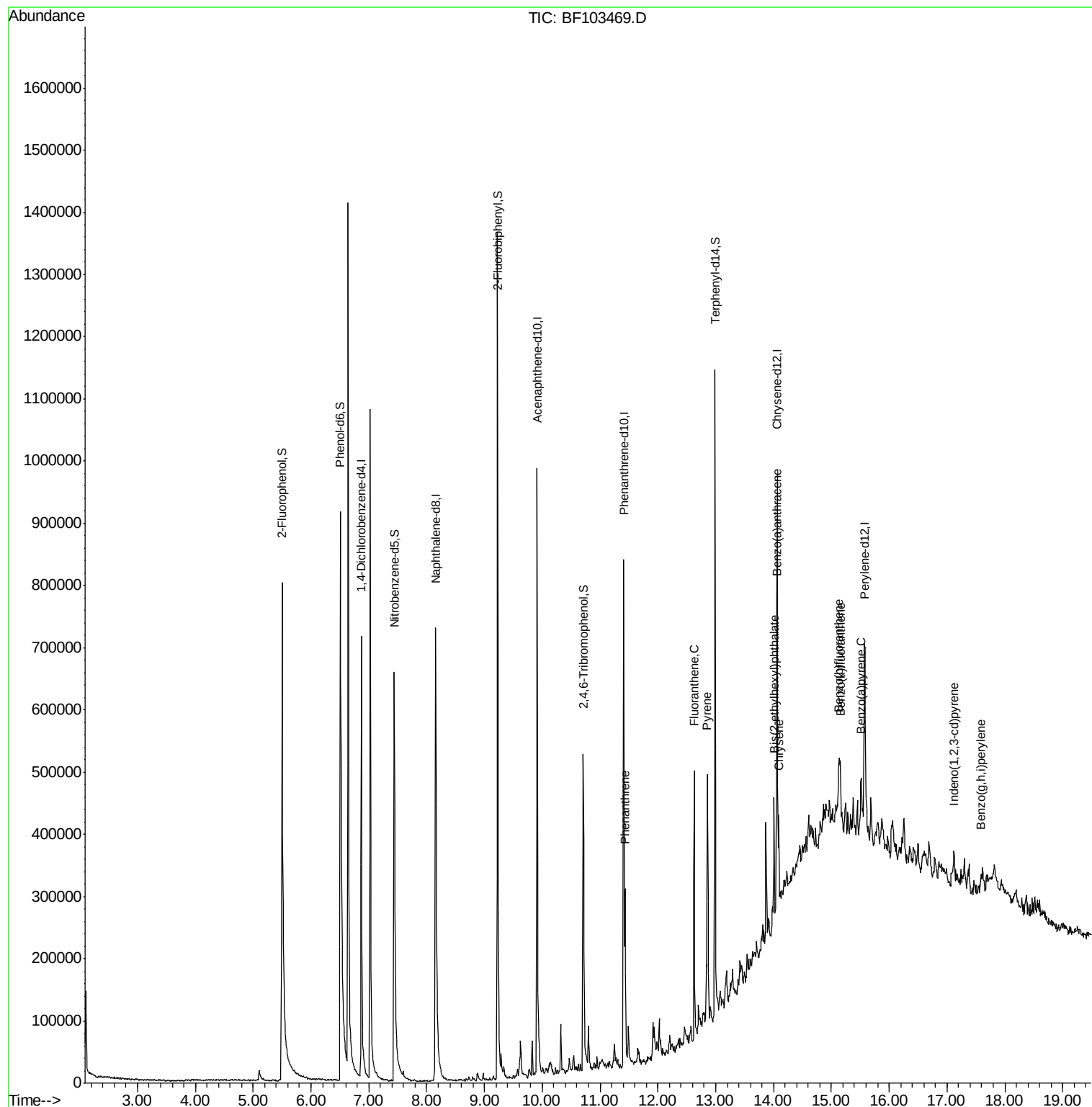
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103469.D
Acq On : 6 Mar 2018 21:29
Operator : SJ/JU
Sample : J1722-13 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

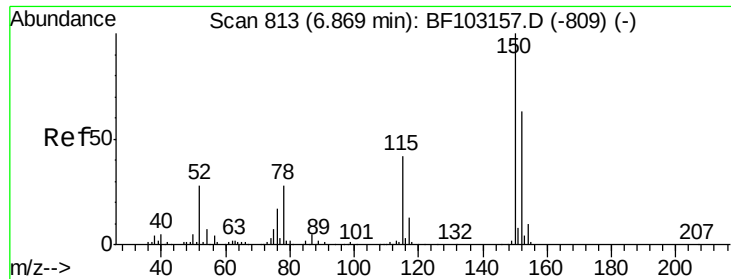
Instrument :
BNA_F
ClientSampleId :
SP-9

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Quant Time: Mar 07 01:15:55 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

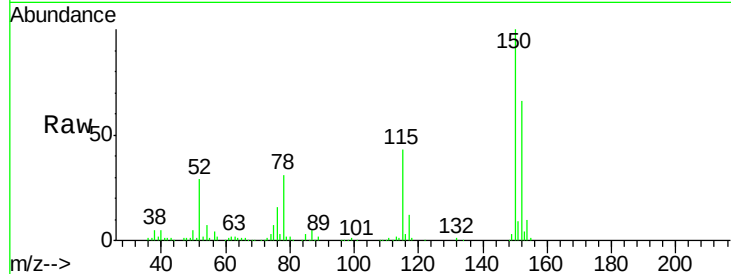
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103469.D
Acq: 6 Mar 2018 21:29

Instrument :
BNA_F
ClientSampled :
SP-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	66.0	50.1	75.1

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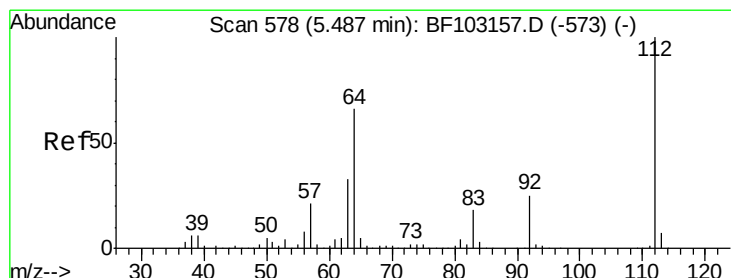
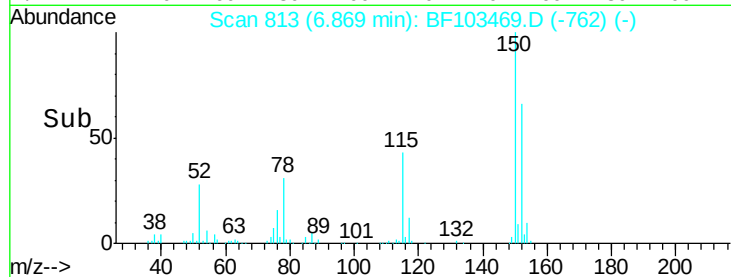
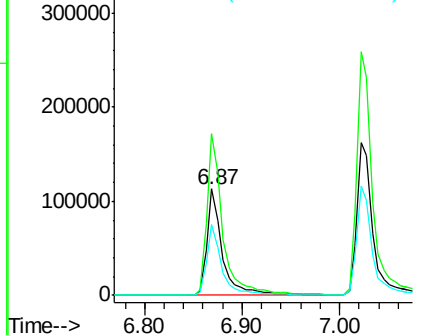


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

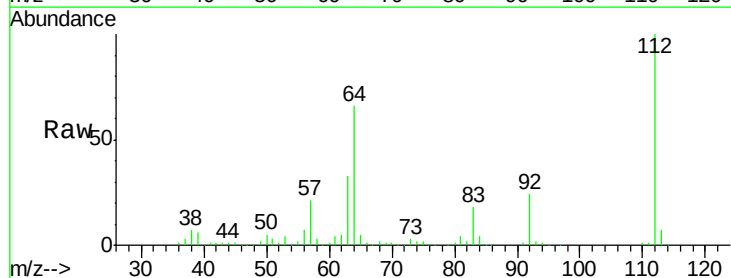
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.831 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103469.D
Acq: 6 Mar 2018 21:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	33.5	23.7	35.5

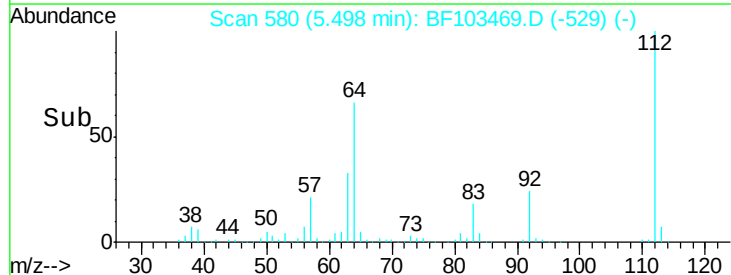
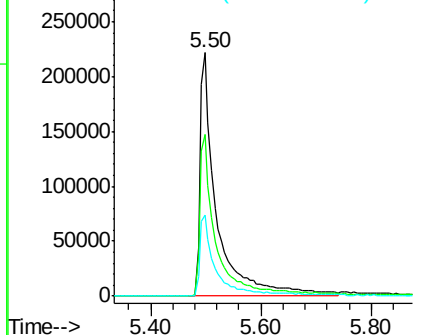


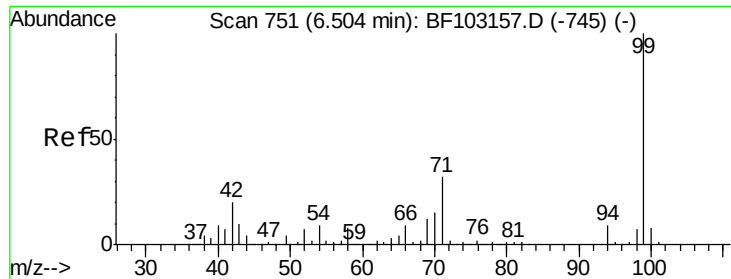
Abundance

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: 61.596 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103469.D

Acq: 6 Mar 2018 21:29

Instrument :

BNA_F

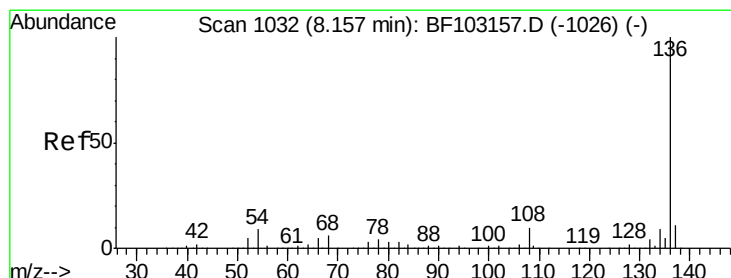
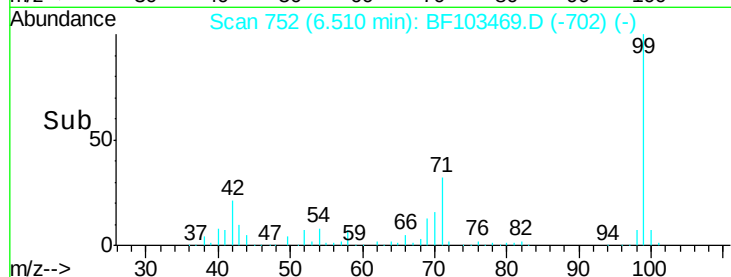
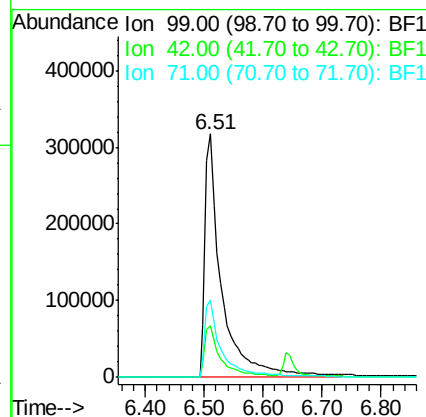
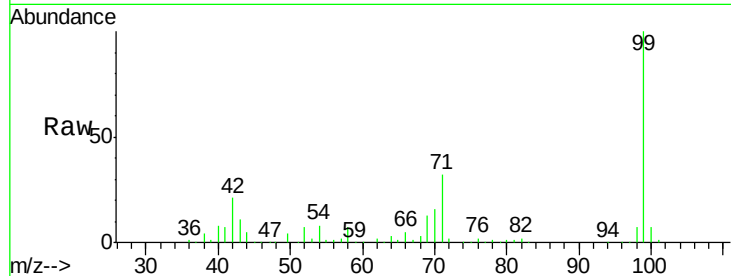
ClientSampled :

SP-9

Tot Ion:	99	Resp:	626456
Ion Ratio	Lower	Upper	
99	100		
42	21.3	14.5	21.7
71	31.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

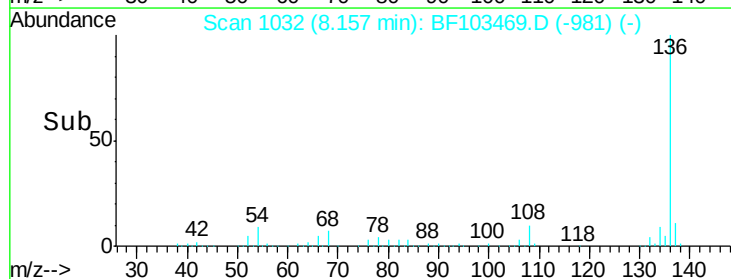
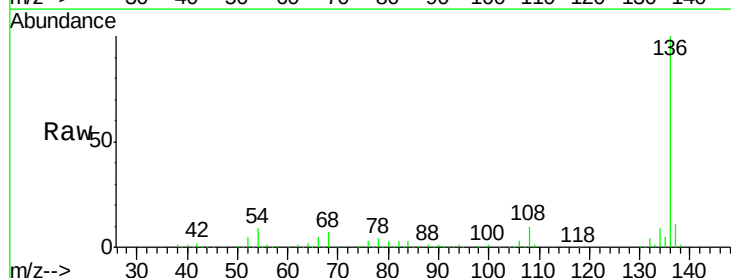
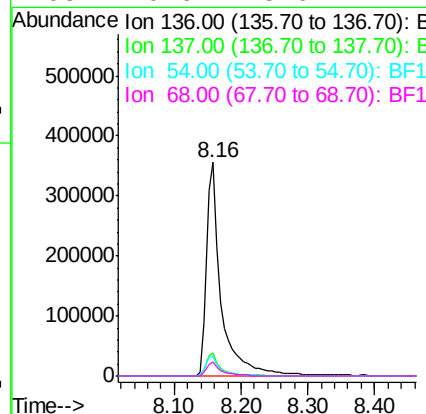
RT: 8.16 min Scan# 1032

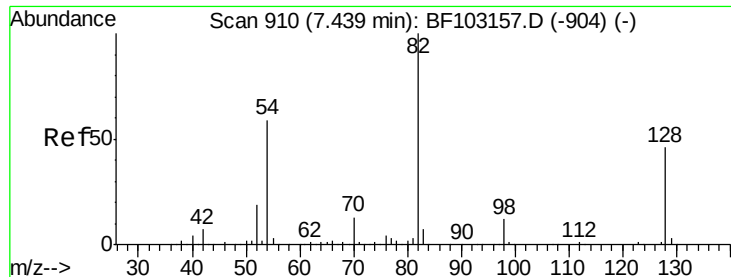
Delta R.T. 0.00 min

Lab File: BF103469.D

Acq: 6 Mar 2018 21:29

Tgt Ion:	136	Resp:	536349
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	9.0	6.6	9.8
68	6.6	5.0	7.4





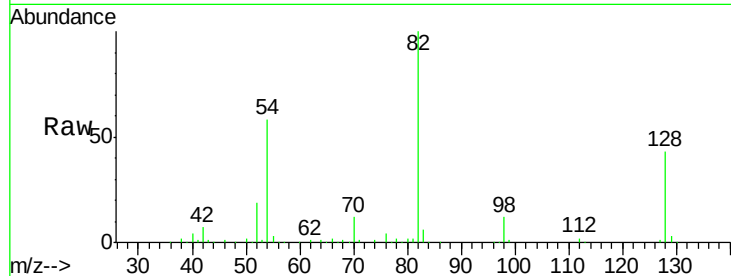
#23
Nitrobenzene-d5
Concen: 38.385 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103469.D
Acq: 6 Mar 2018 21:29

Instrument :
BNA_F
ClientSampled :
SP-9

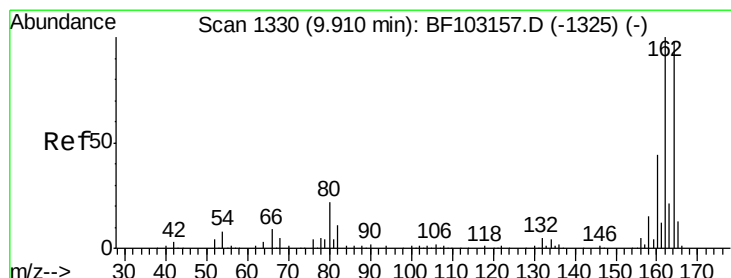
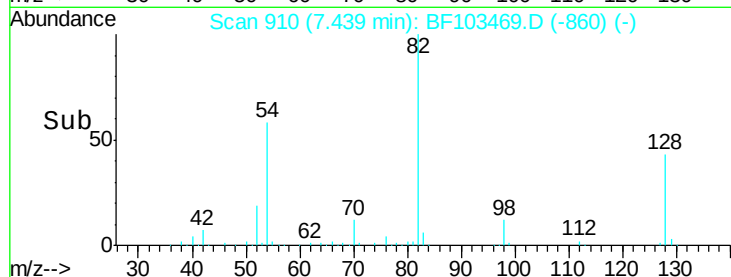
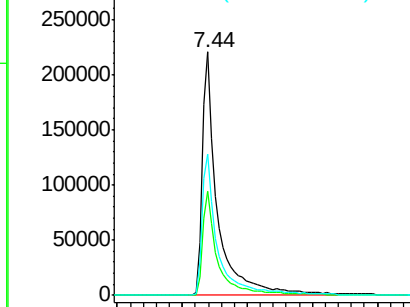
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	57.7	41.4	62.2

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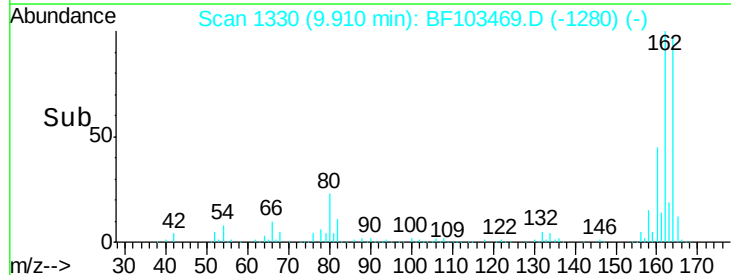
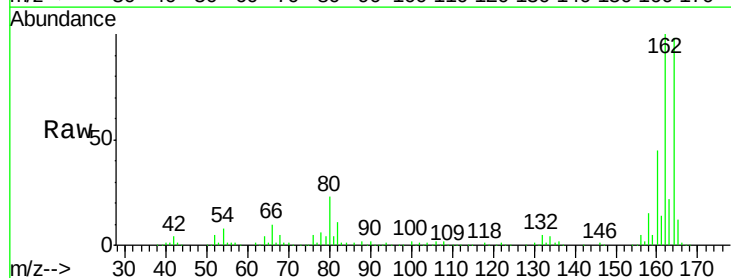
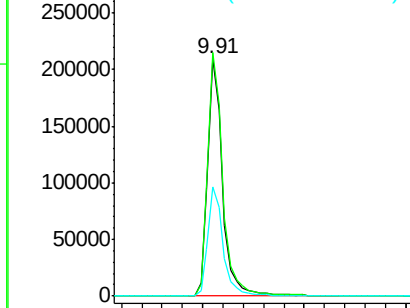
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

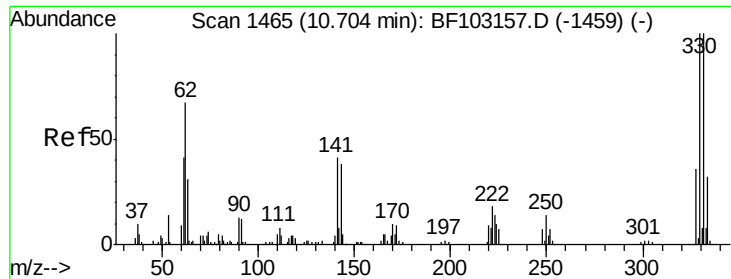


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103469.D
Acq: 6 Mar 2018 21:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.9	38.3	57.5

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





#41

2,4,6-Tribromophenol

Concen: 34.577 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF103469.D

Acq: 6 Mar 2018 21:29

Instrument :

BNA_F

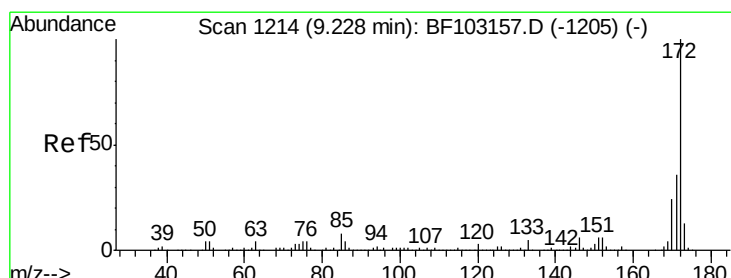
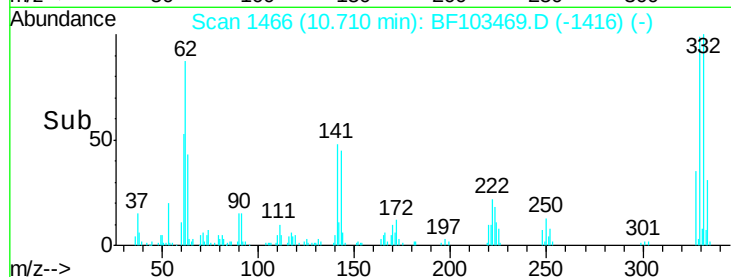
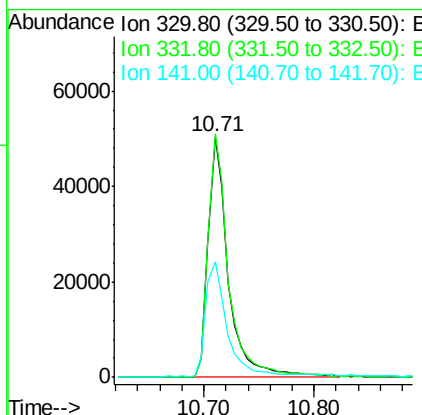
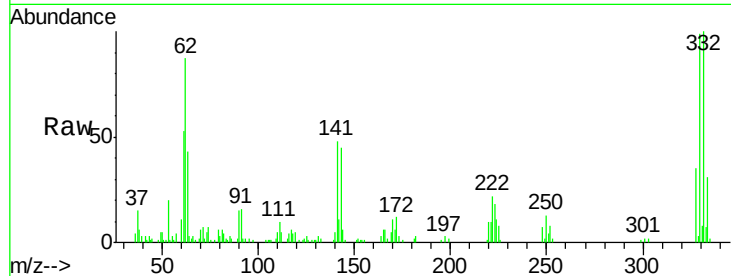
ClientSampled :

SP-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.4	77.0	115.6
141	51.9	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 34.699 ng

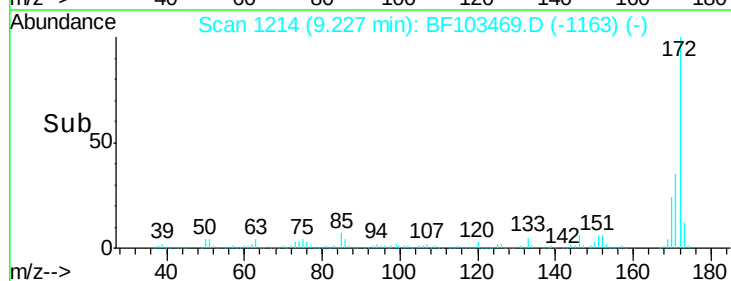
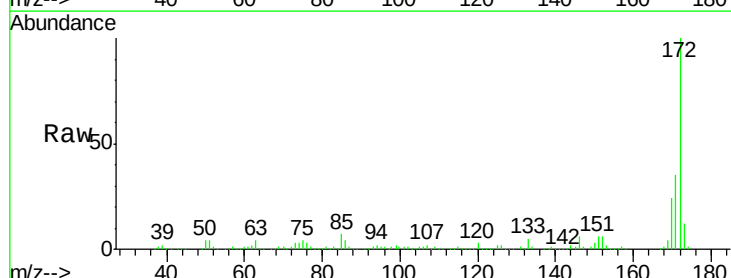
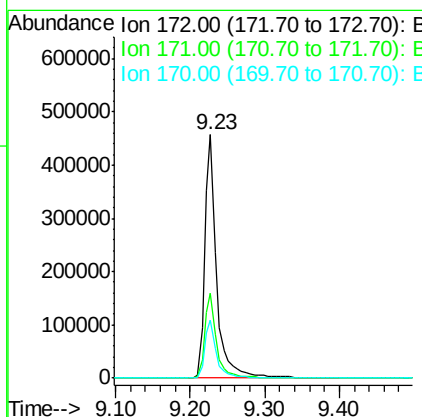
RT: 9.23 min Scan# 1214

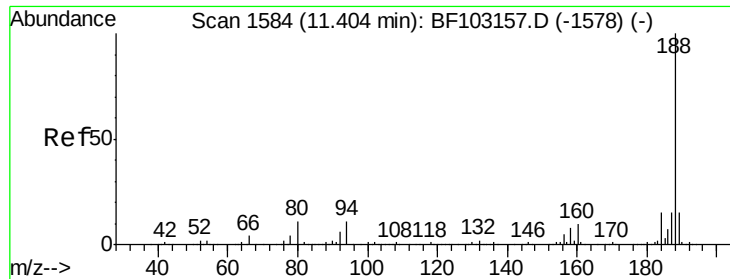
Delta R.T. 0.00 min

Lab File: BF103469.D

Acq: 6 Mar 2018 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.9	19.6	29.4





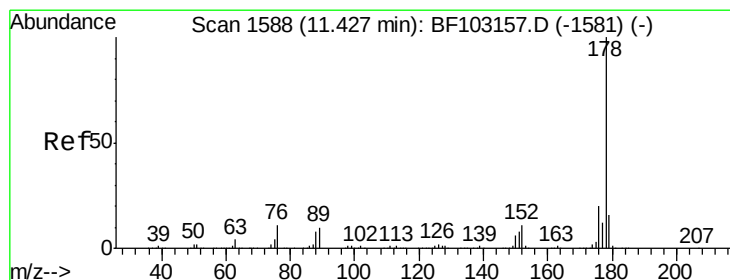
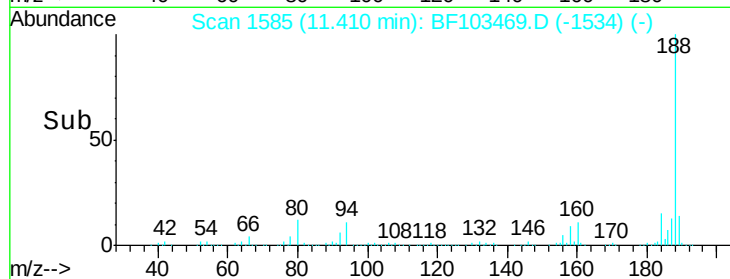
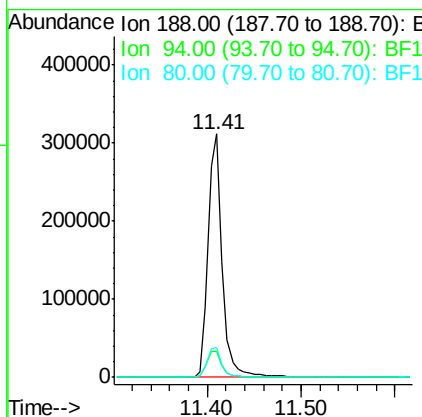
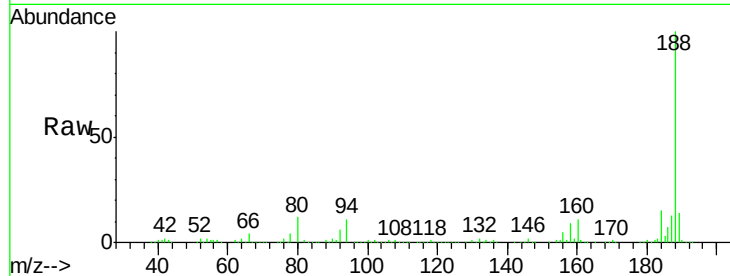
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF103469.D
Acq: 6 Mar 2018 21:29

Instrument :
BNA_F
ClientSampled :
SP-9

Tot Ion	Ratio	Resp	Lower	Upper
188	100	331433		
94	10.6		8.5	12.7
80	12.2		9.2	13.8

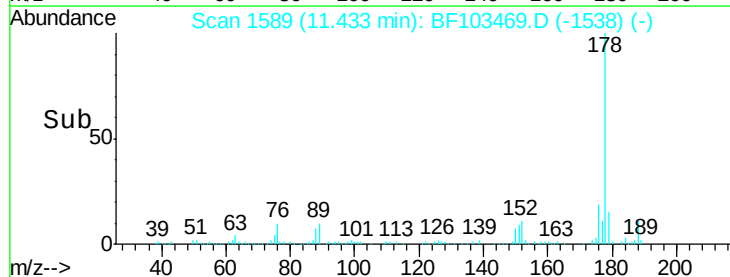
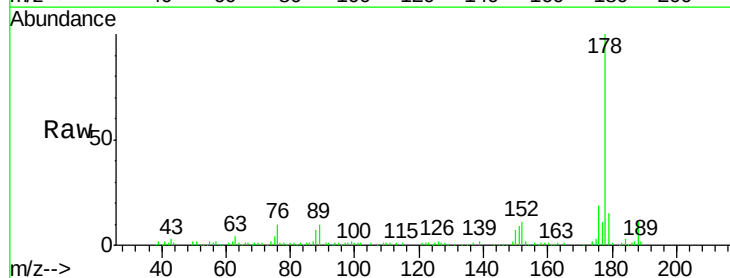
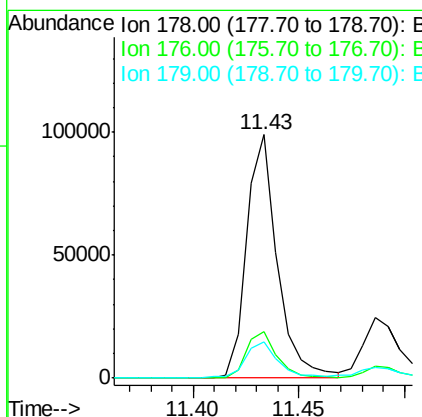
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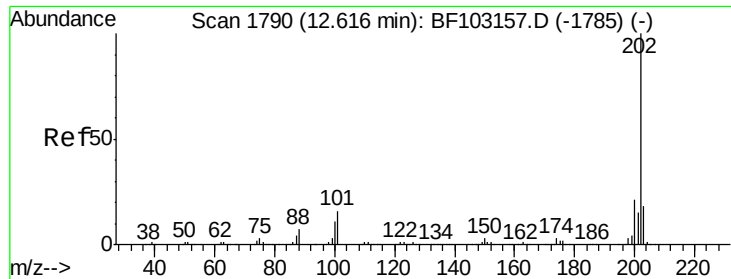
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#70
Phenanthrene
Concen: 5.501 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103469.D
Acq: 6 Mar 2018 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	100329		
176	19.3		15.8	23.8
179	15.1		13.0	19.6





#74

Fluoranthene

Concen: 9.246 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103469.D

Acq: 6 Mar 2018 21:29

Instrument :

BNA_F

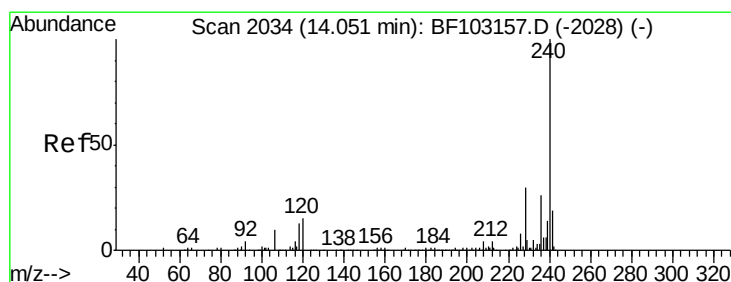
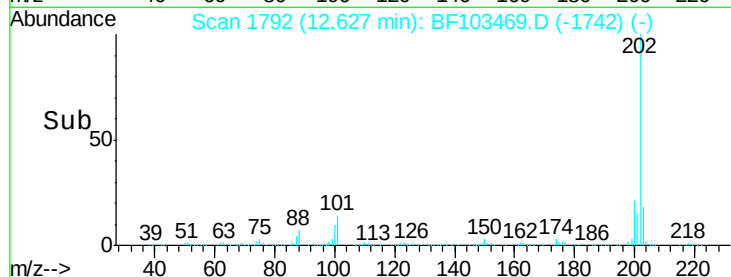
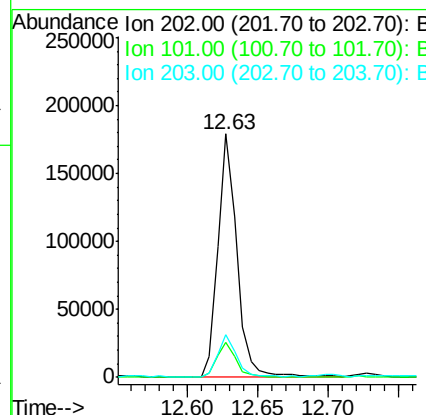
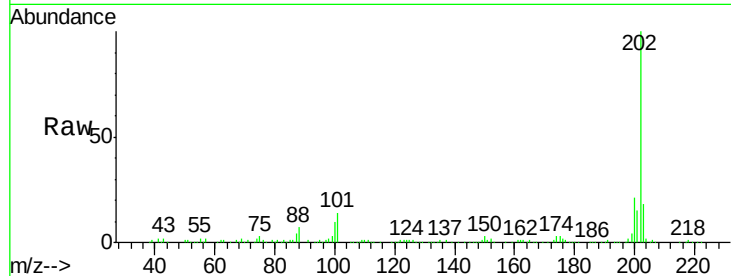
ClientSampleId :

SP-9

Tot Ion:	202	Resp:	169467
Ion Ratio		Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

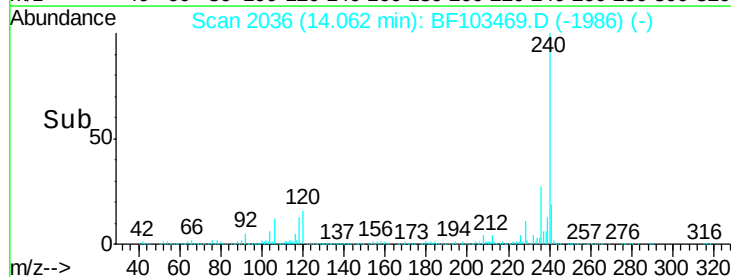
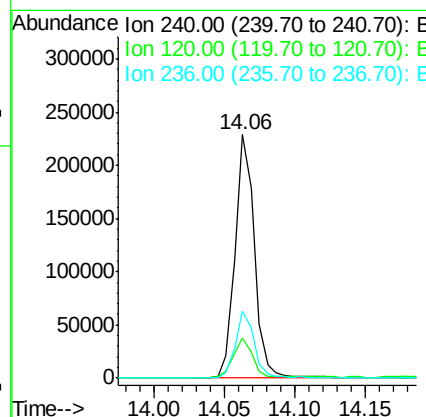
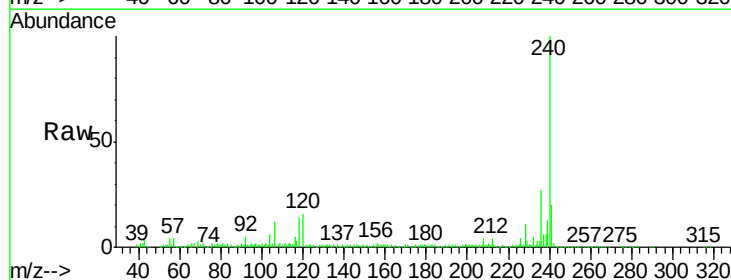
RT: 14.06 min Scan# 2036

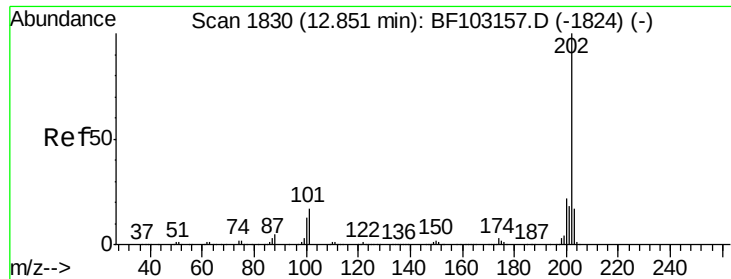
Delta R.T. -0.01 min

Lab File: BF103469.D

Acq: 6 Mar 2018 21:29

Tgt Ion:	240	Resp:	217302
Ion Ratio		Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	27.3	20.7	31.1





#77

Pvrene

Concen: 9.928 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF103469.D

Acq: 6 Mar 2018 21:29

Instrument :

BNA_F

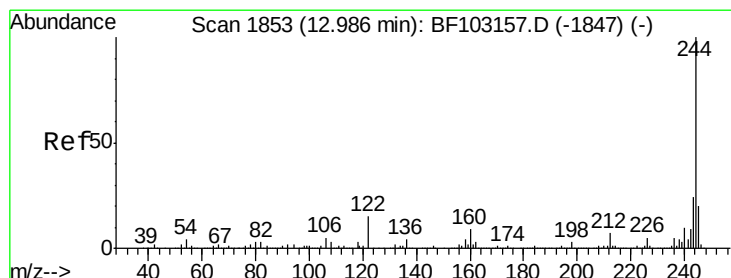
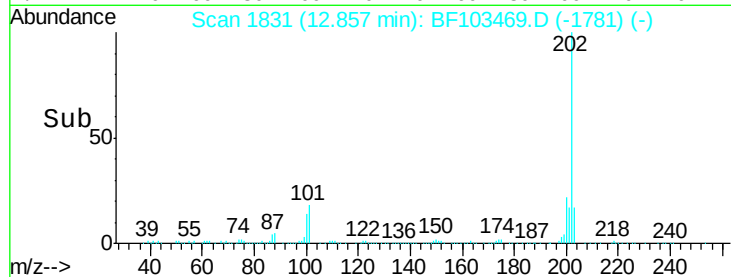
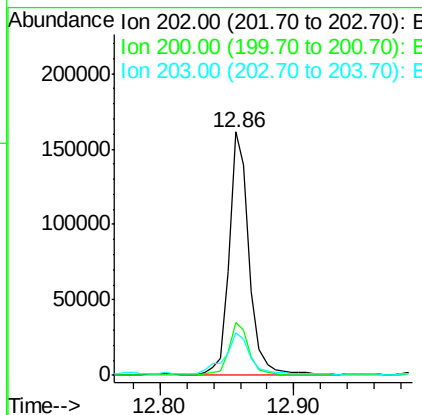
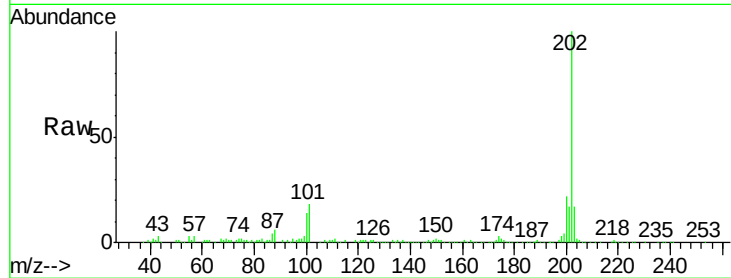
ClientSampleId :

SP-9

Tot Ion:	202	Resp:	168209
Ion Ratio		Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 38.128 ng

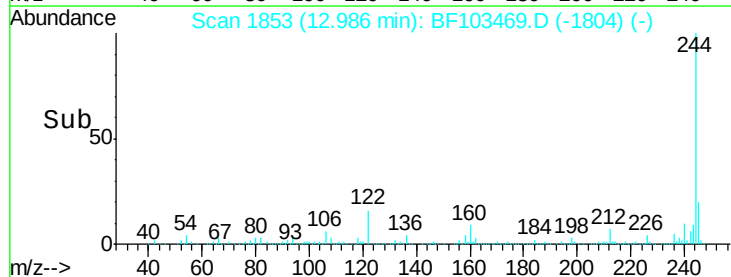
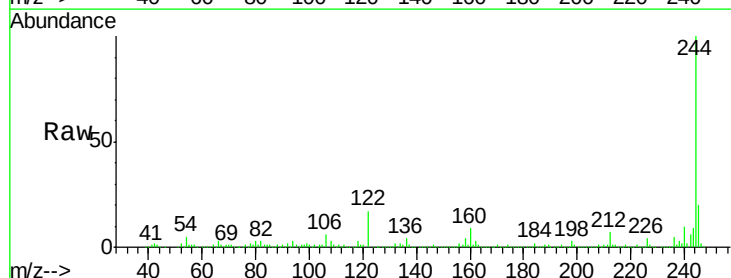
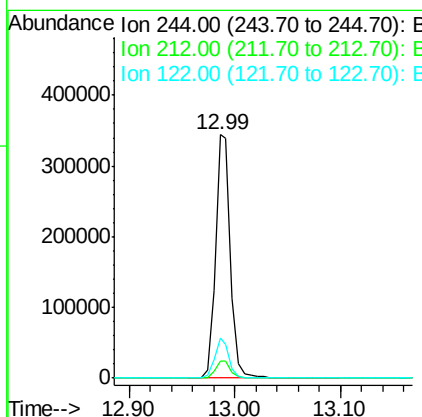
RT: 12.99 min Scan# 1853

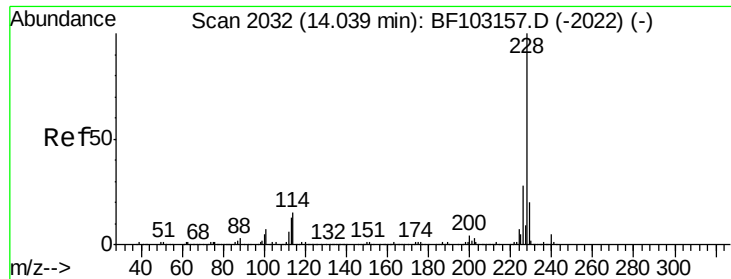
Delta R.T. -0.01 min

Lab File: BF103469.D

Acq: 6 Mar 2018 21:29

Tgt Ion:	244	Resp:	344669
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	16.5	11.0	16.4#





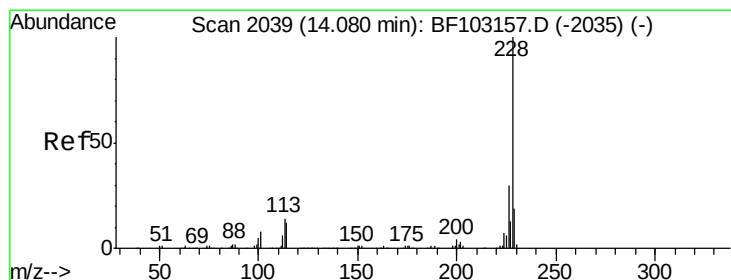
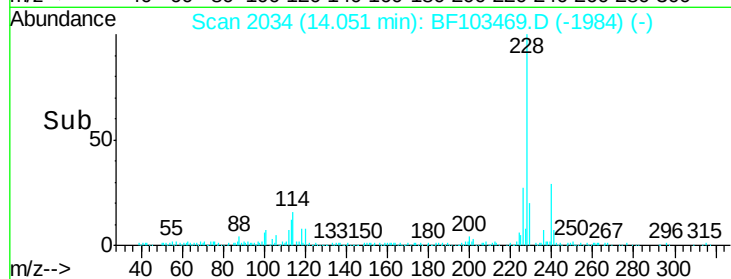
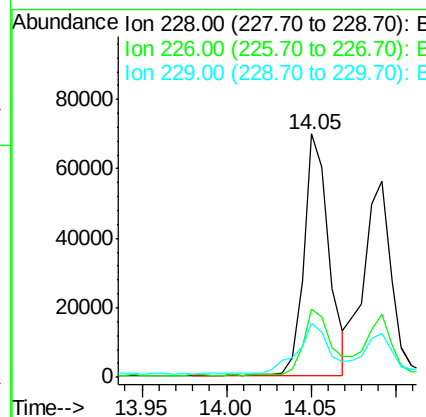
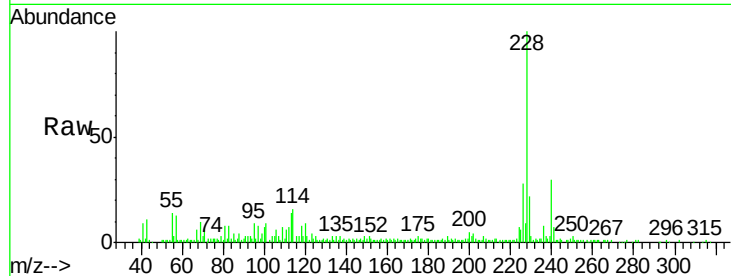
#80
Benzo(a)anthracene
Concen: 5.117 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103469.D
Acq: 6 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-9

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	22.0	15.8	23.6

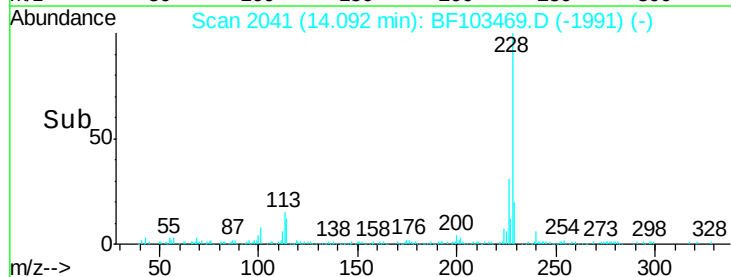
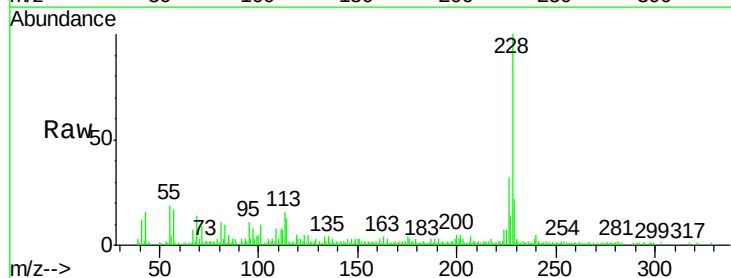
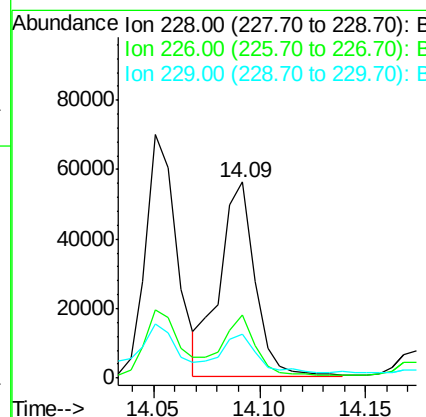
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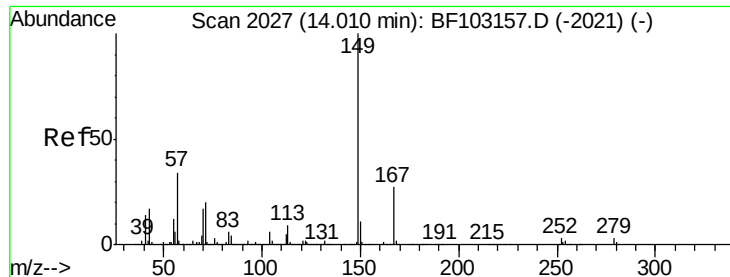
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#82
Chrysene
Concen: 4.797 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103469.D
Acq: 6 Mar 2018 21:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	22.1	16.2	24.4





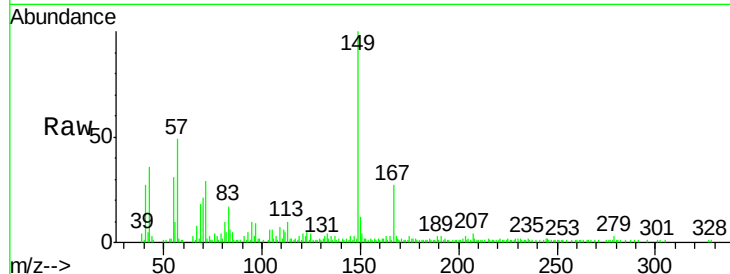
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.917 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103469.D
 Acq: 6 Mar 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-9

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	3.2	3.0	4.4

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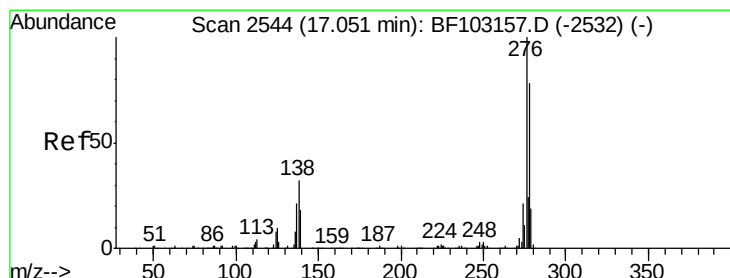
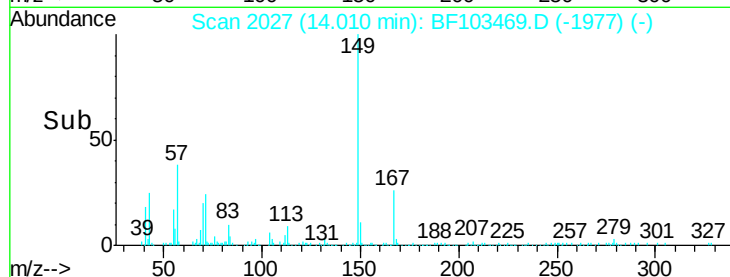
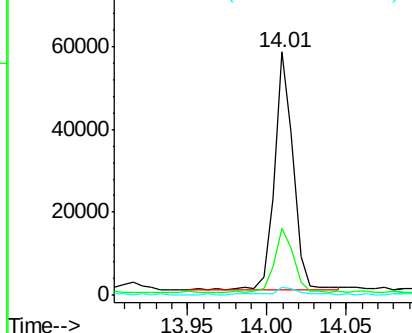


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.179 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BF103469.D
 Acq: 6 Mar 2018 21:29

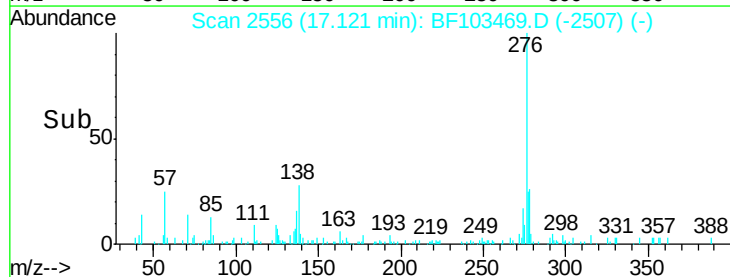
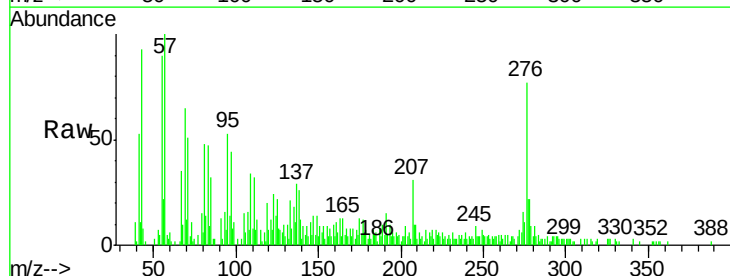
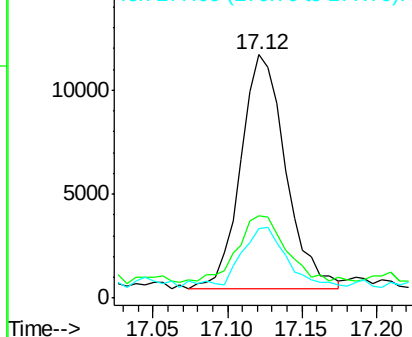
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.5	25.0	37.6
277	24.4	20.1	30.1

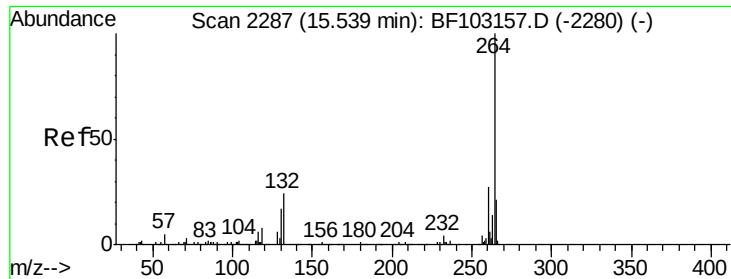
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





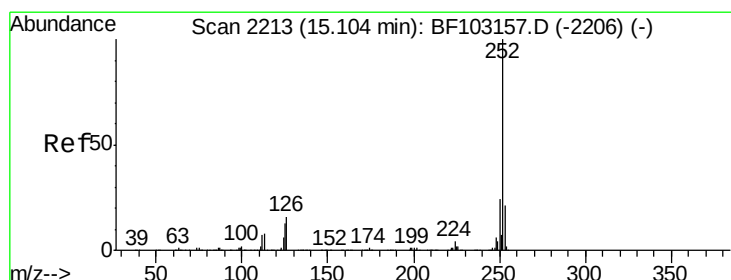
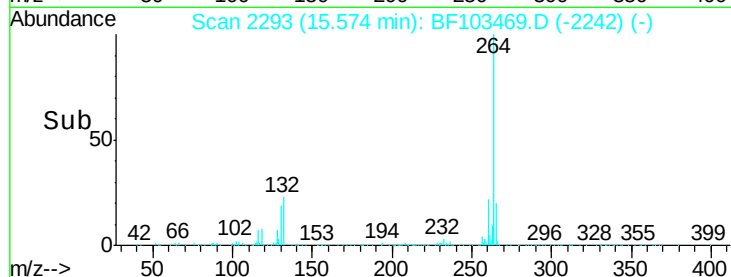
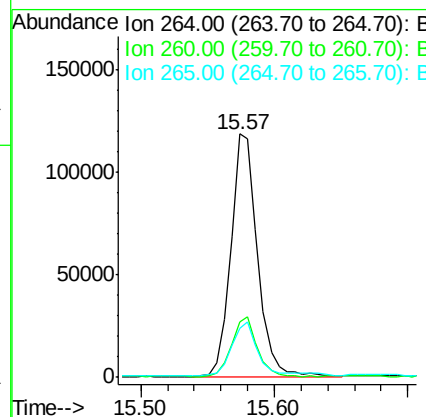
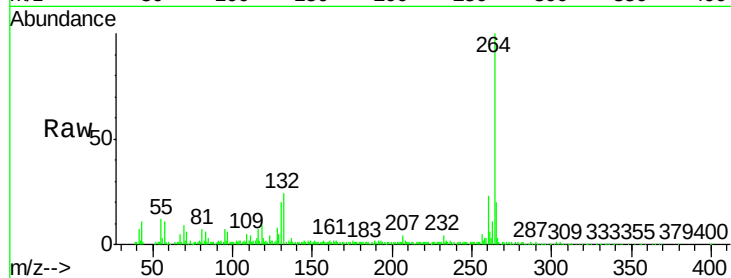
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF103469.D
Acq: 6 Mar 2018 21:29

Instrument :
BNA_F
ClientSampleId :
SP-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.3	17.5	26.3

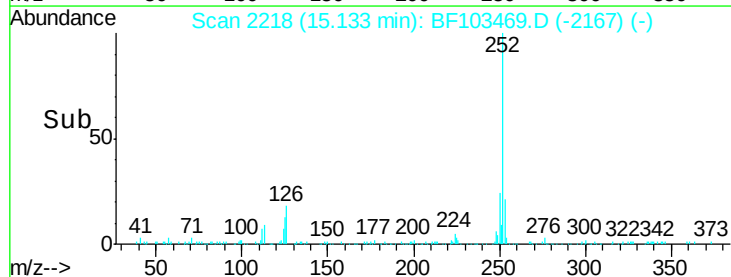
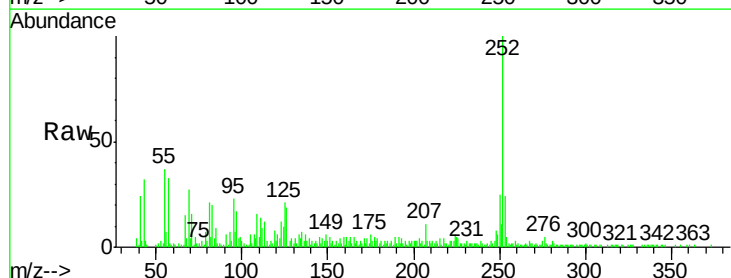
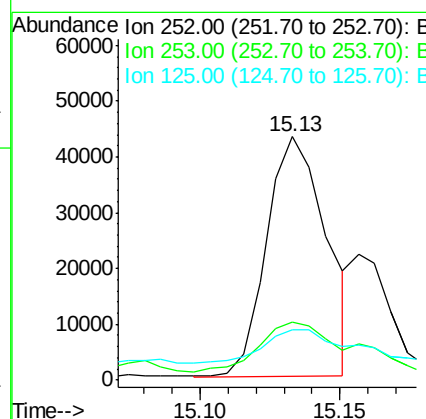
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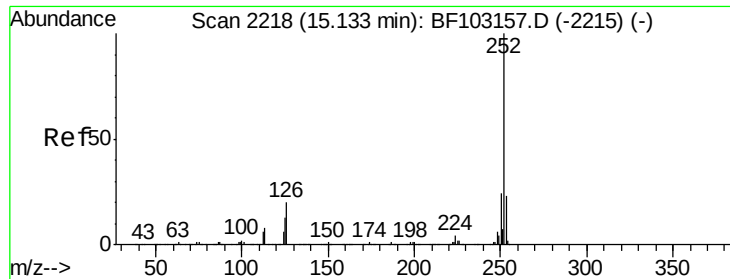
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#87
Benzo(b)fluoranthene
Concen: 5.869 ng m
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103469.D
Acq: 6 Mar 2018 21:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	20.6	9.0	13.6





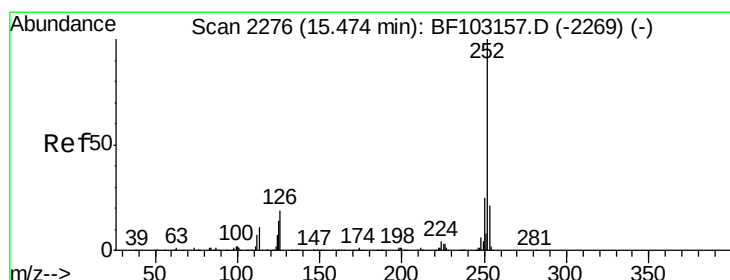
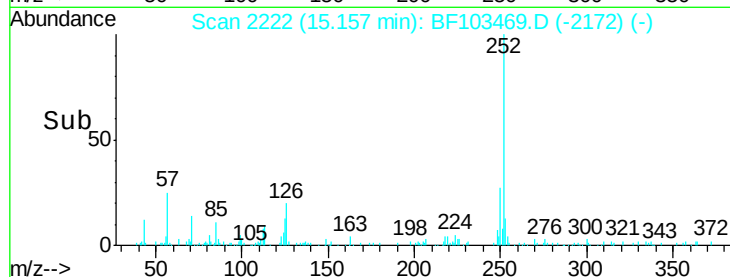
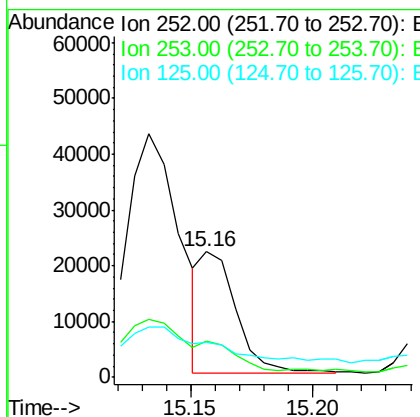
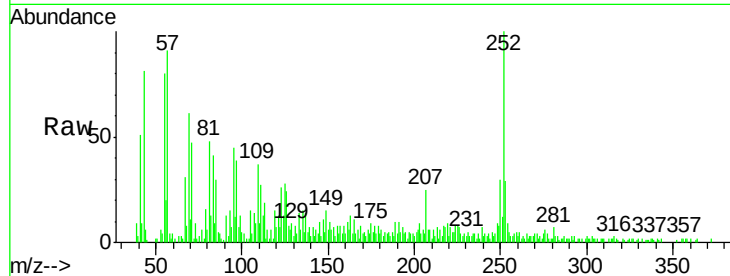
#88
Benzo(k)fluoranthene
Concen: 2.161 ng/mL
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF103469.D
Acq: 6 Mar 2018 21:29

Instrument :
BNA_F
ClientSampled :
SP-9

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.9	26.9#
125	27.9	10.2	15.2#

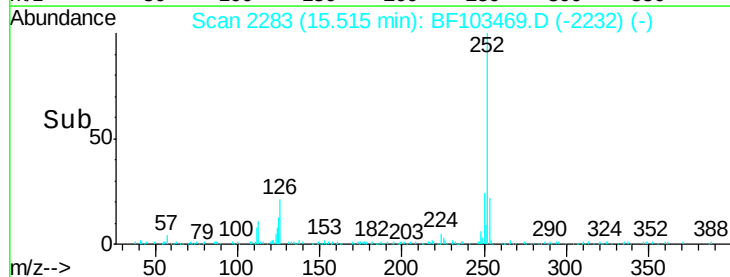
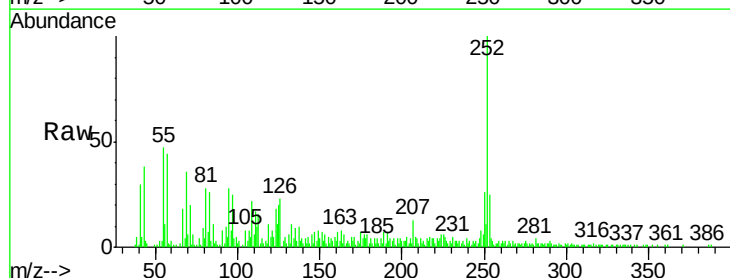
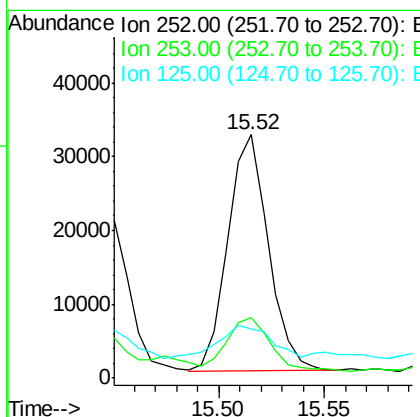
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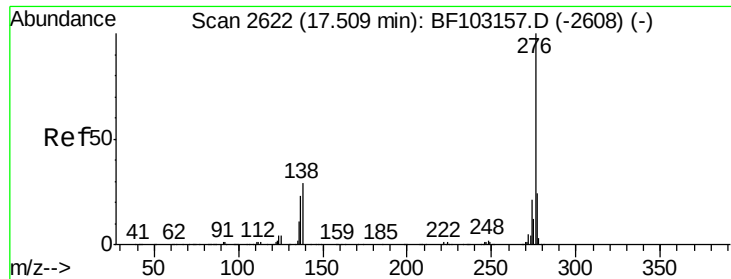
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#89
Benzo(a)pyrene
Concen: 4.354 ng/mL
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF103469.D
Acq: 6 Mar 2018 21:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	20.3	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 3.108 ng
 RT: 17.59 min Scan# 2636
 Delta R.T. -0.01 min
 Lab File: BF103469.D
 Acq: 6 Mar 2018 21:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-9

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.7	17.9	26.9#
138	36.5	21.8	32.8#

Manual Integrations
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