

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110567.D
 Acq On : 7 Nov 2018 20:35
 Operator : JU/SJ
 Sample : J5813-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-H

Manual Integrations
 APPROVED

Sohil
 11/9/2018 1:35:17 PM

Quant Time: Nov 09 10:44:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	76441	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	274355	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	104953	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	167765	20.00	ng	0.00
76) Chrysene-d12	14.14	240	169150	20.00	ng	0.00
87) Perylene-d12	15.67	264	117348	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	445544	94.92	ng	0.00
7) Phenol-d6	6.58	99	552150	91.96	ng	0.00
23) Nitrobenzene-d5	7.52	82	343652	74.29	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	87757	84.41	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	530752	79.41	ng	0.00
79) Terphenyl-d14	13.07	244	421453	51.82	ng	0.00
Target Compounds						
10) Phenol	6.59	94	35431	5.521	ng	Qvalue # 73
50) Dimethylphthalate	9.70	163	75534	9.750	ng	99
71) Phenanthrene	11.51	178	37374	4.258	ng	98
75) Fluoranthene	12.70	202	82733	9.287	ng	98
78) Pyrene	12.94	202	64955	5.356	ng	99
80) Butylbenzylphthalate	13.53	149	22315	4.240	ng	98
81) Benzo(a)anthracene	14.13	228	30929	3.083	ng	98
83) Chrysene	14.16	228	32132	3.373	ng	95
88) Benzo(b)fluoranthene	15.21	252	33513m	4.946	ng	
89) Benzo(k)fluoranthene	15.24	252	14882m	2.234	ng	
90) Benzo(a)pyrene	15.60	252	19883	3.189	ng	# 87
92) Benzo(a,h,i)perylene	17.72	276	11331	2.137	ng	# 88

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

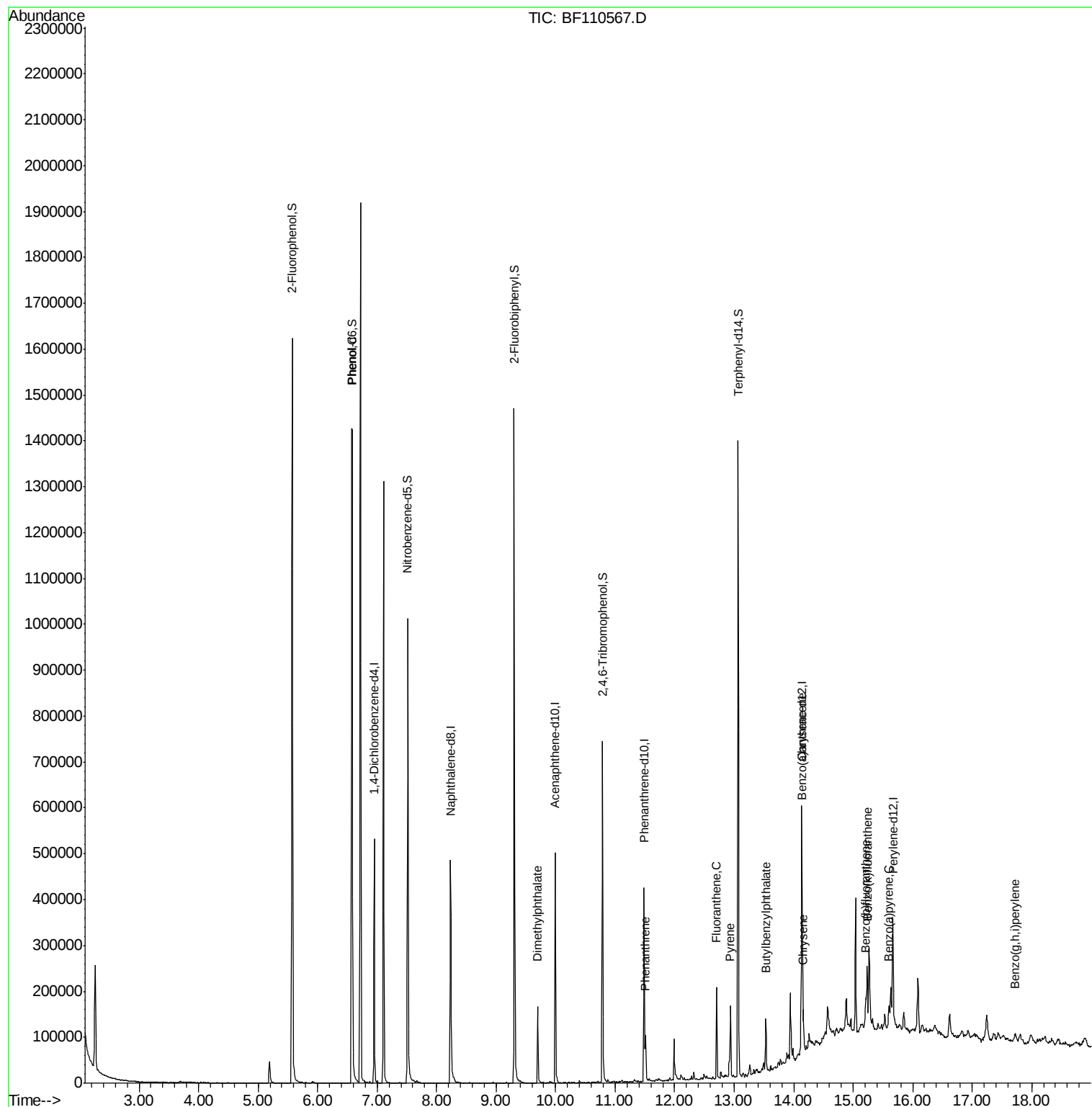
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110567.D
Acq On : 7 Nov 2018 20:35
Operator : JU/SJ
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#1

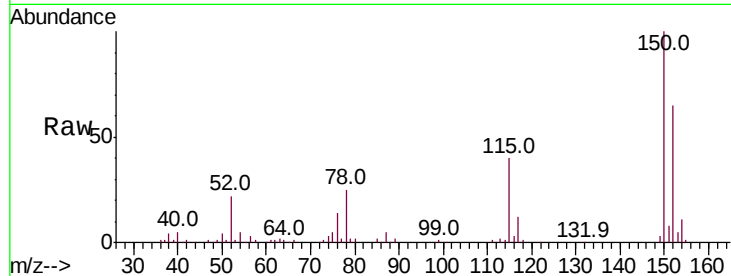
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Instrument :
BNA_F
ClientSampled :
TS-H

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	61.5	49.1	73.7

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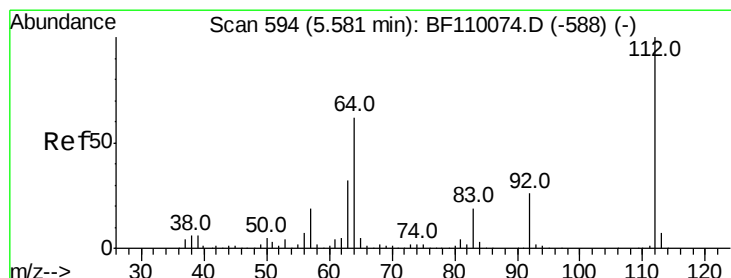
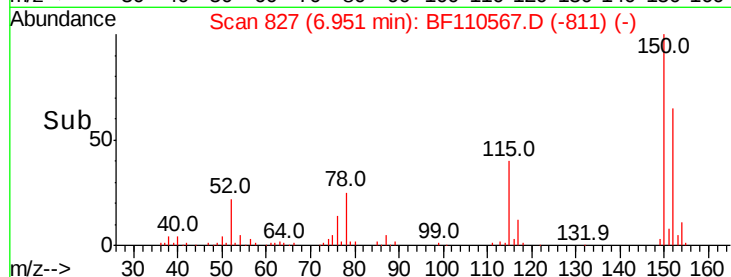
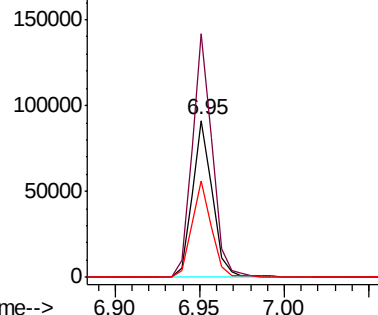


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

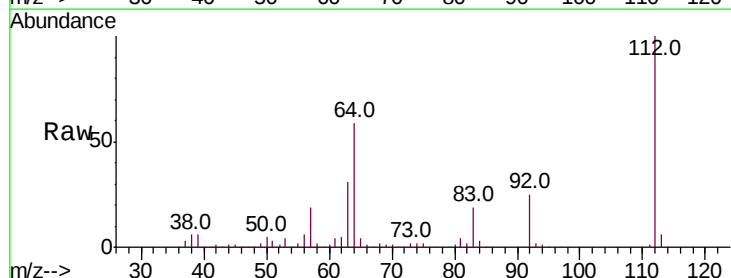
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.916 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	44.1	66.1
63	31.4	23.7	35.5

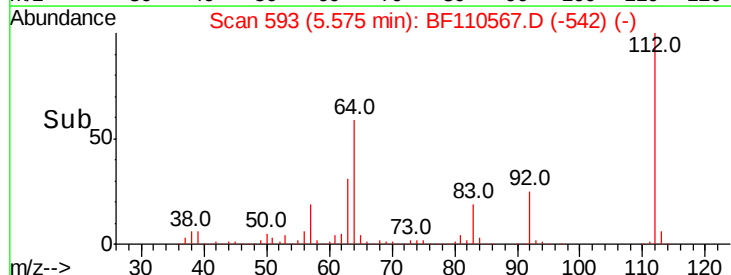
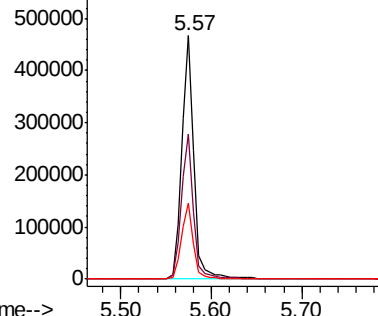


Abundance

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: 91.962 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110567.D

Acq: 7 Nov 2018 20:35

Instrument :

BNA_F

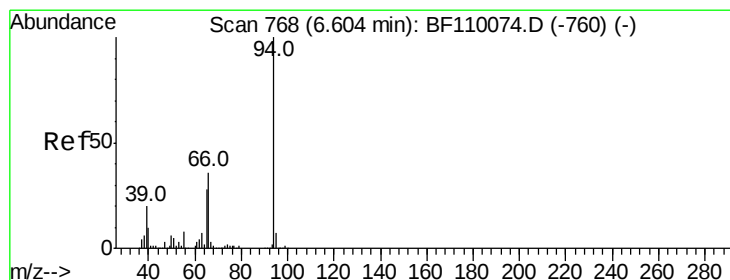
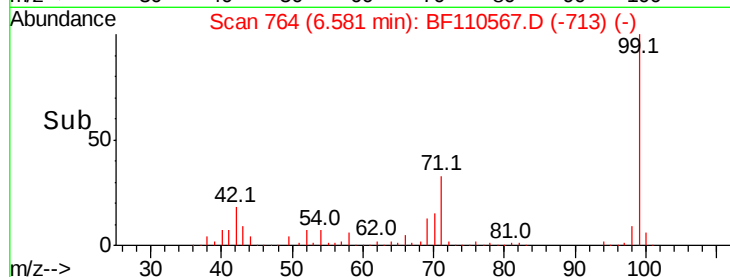
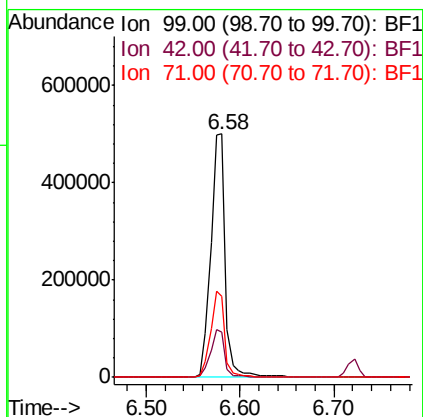
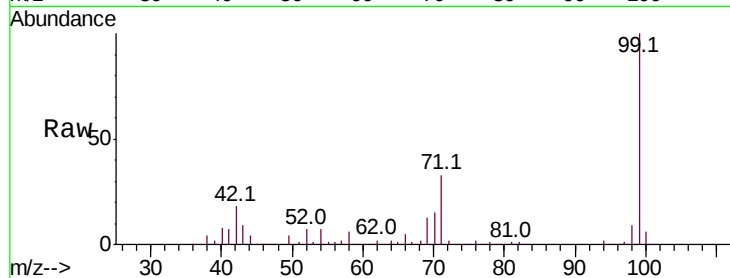
ClientSampled :

TS-H

Tot Ion:	99	Resp:	552150
Ion Ratio	Lower	Upper	
99	100		
42	18.4	15.8	23.6
71	33.3	28.0	42.0

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#10

Phenol

Concen: 5.521 ng

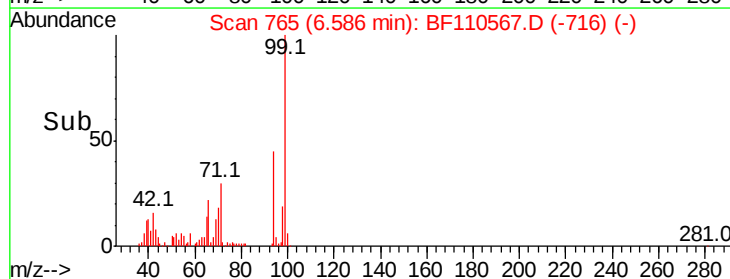
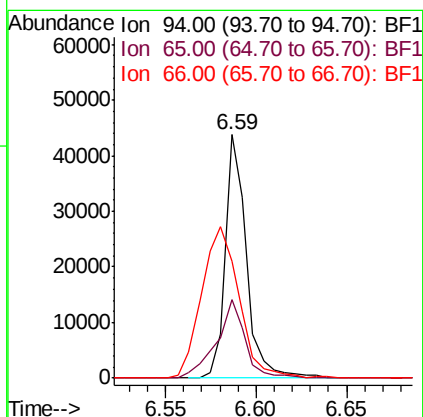
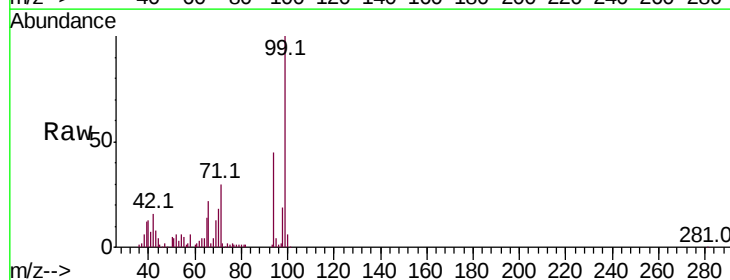
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110567.D

Acq: 7 Nov 2018 20:35

Tgt Ion:	94	Resp:	35431
Ion Ratio	Lower	Upper	
94	100		
65	32.2	25.3	65.3
66	47.9	54.5	94.5#





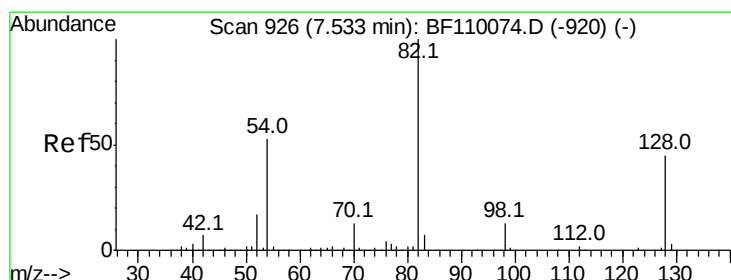
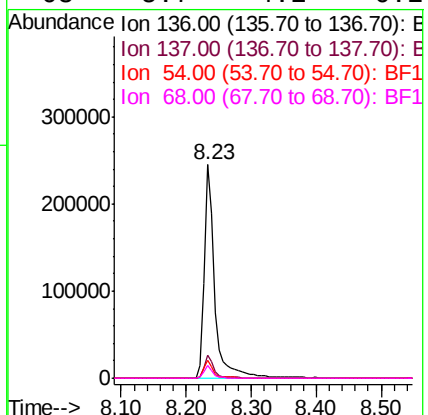
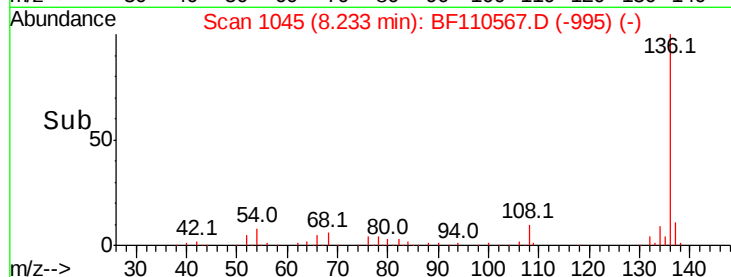
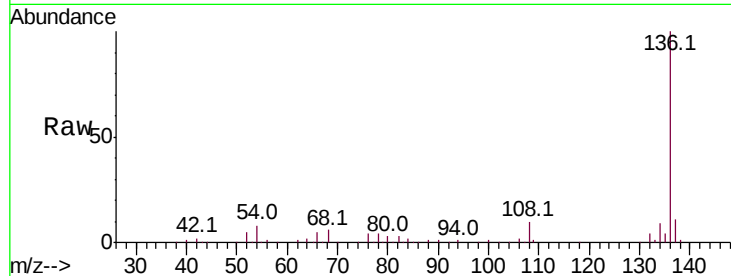
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Instrument :
BNA_F
ClientSampleId :
TS-H

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.3	5.4	8.2#
68	5.7	4.2	6.2

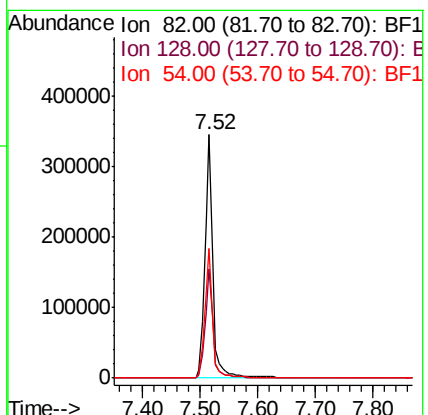
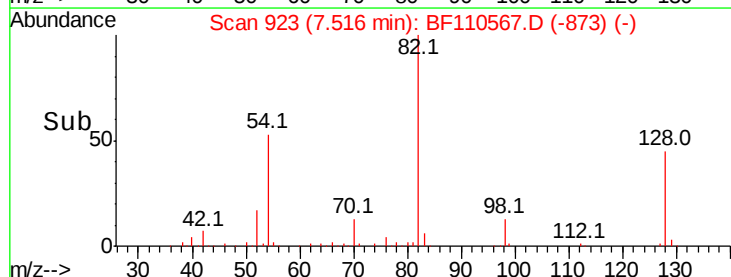
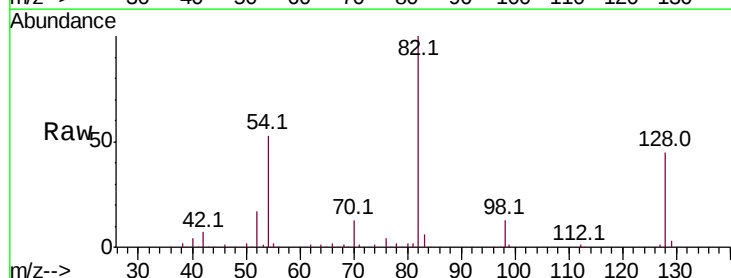
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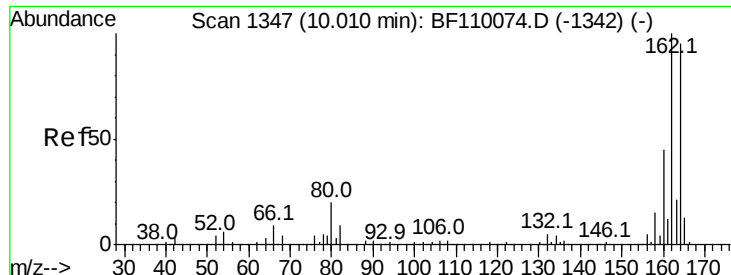
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#23
Nitrobenzene-d5
Concen: 74.295 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.6	34.2	51.2
54	53.3	38.6	58.0





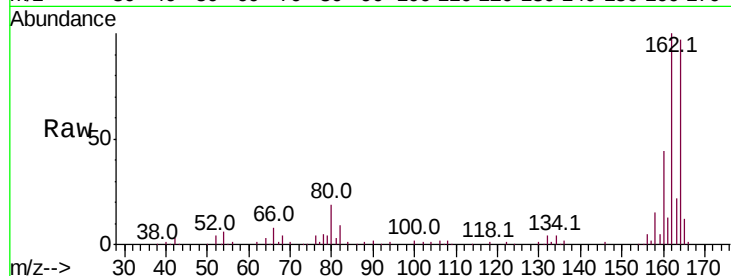
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Instrument :
BNA_F
ClientSampleId :
TS-H

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	45.9	37.0	55.6

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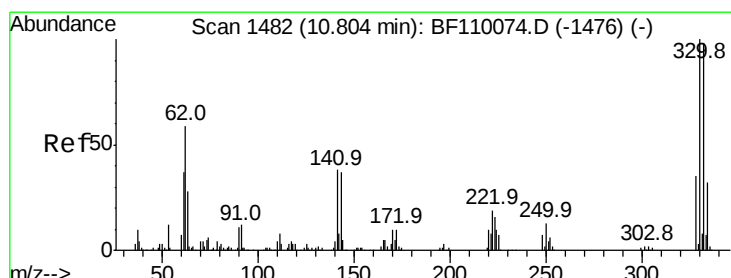
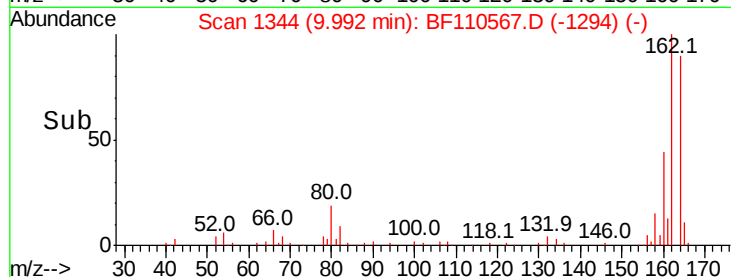
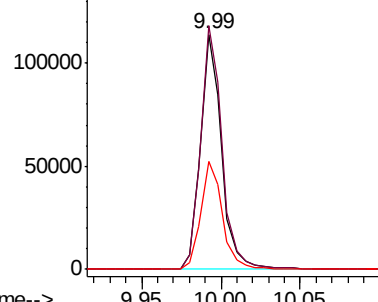


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 84.412 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

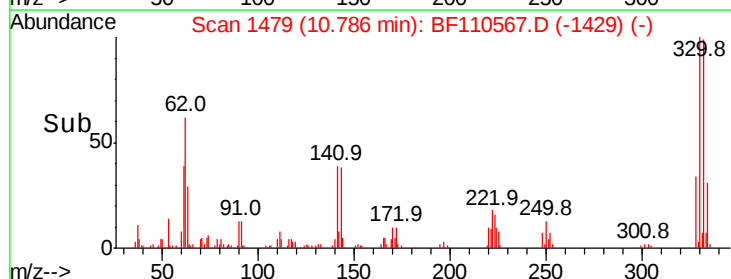
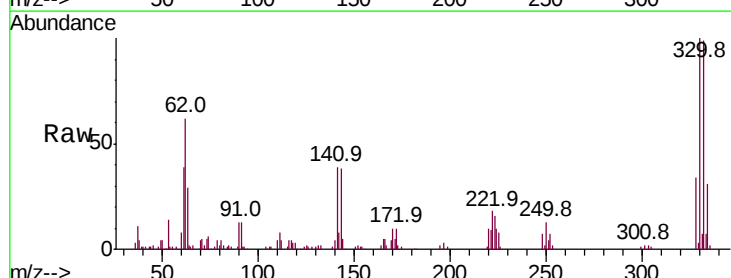
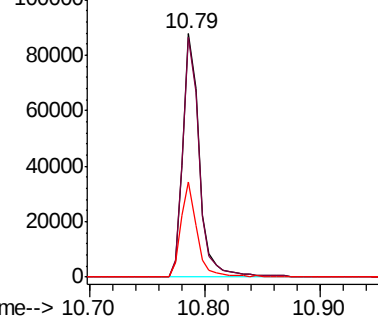
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	37.8	27.0	40.4

Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





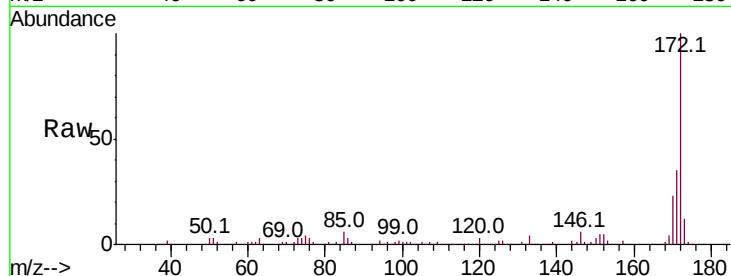
#45
2-Fluorobiphenyl
Concen: 79.409 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Instrument :
BNA_F
ClientSampleId :
TS-H

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.1	19.7	29.5

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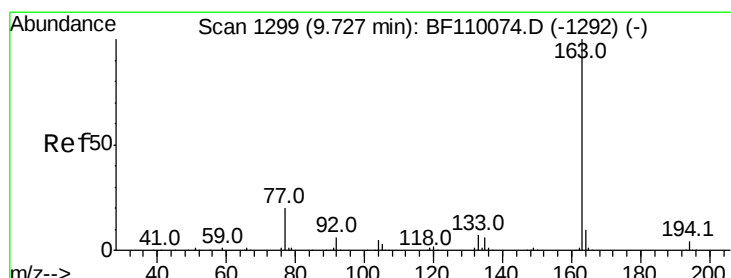
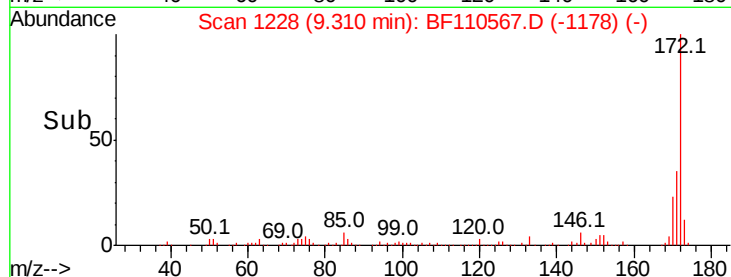
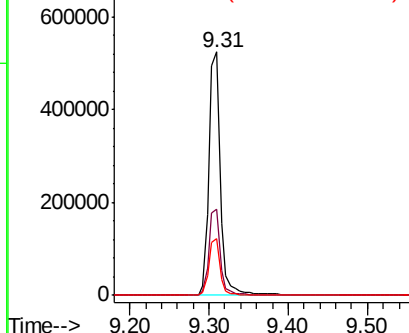


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 9.750 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

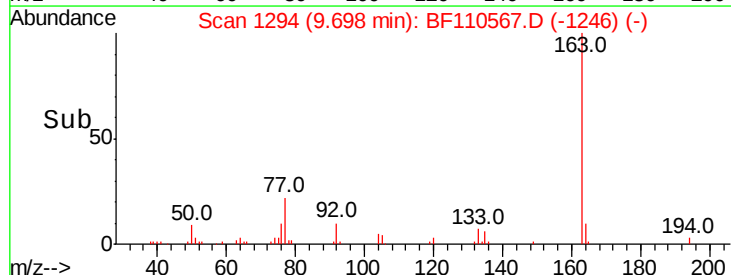
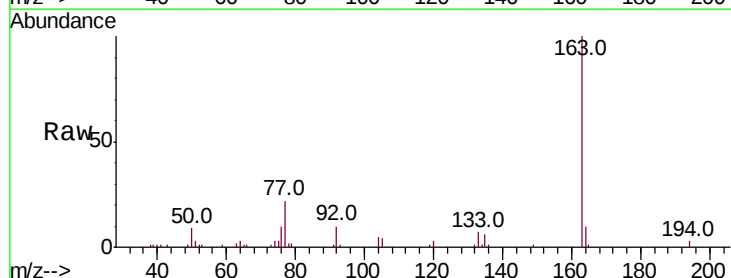
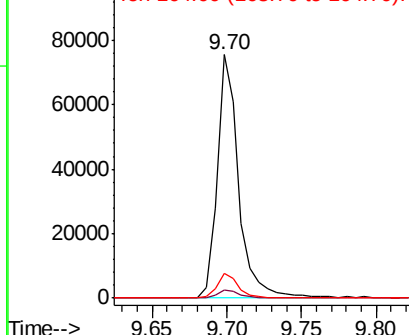
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.3	8.1	12.1

Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





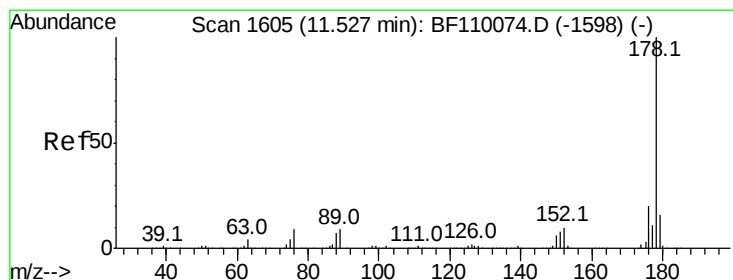
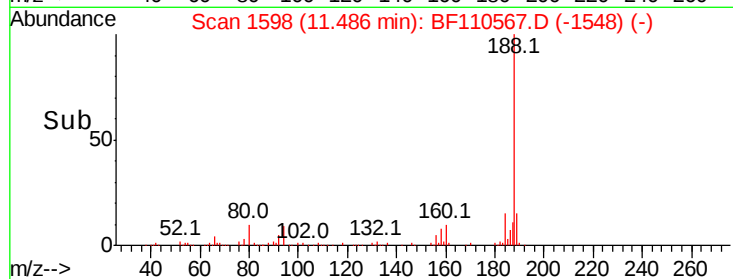
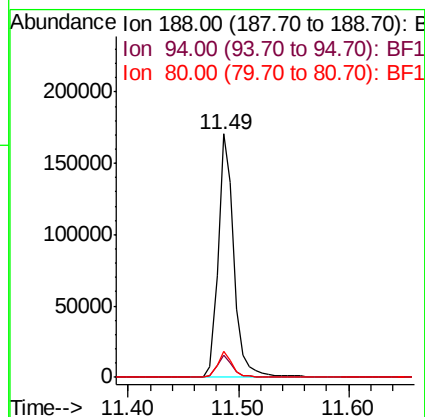
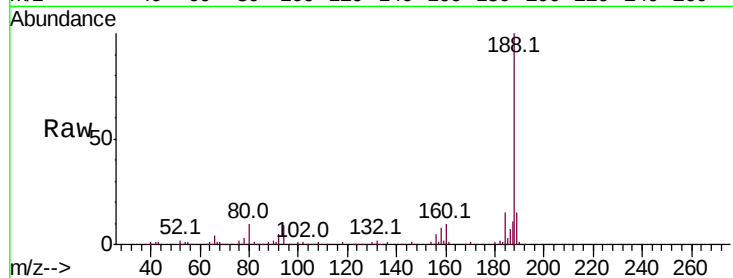
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Instrument :
BNA_F
ClientSampled :
TS-H

Tot Ion	Ratio	Resp	Lower	Upper
188	100	167765		
94	9.3	7.2	10.8	
80	10.5	7.9	11.9	

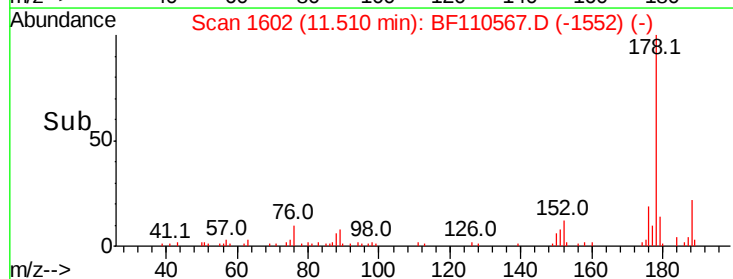
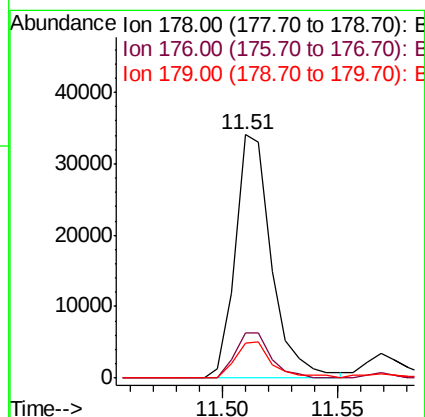
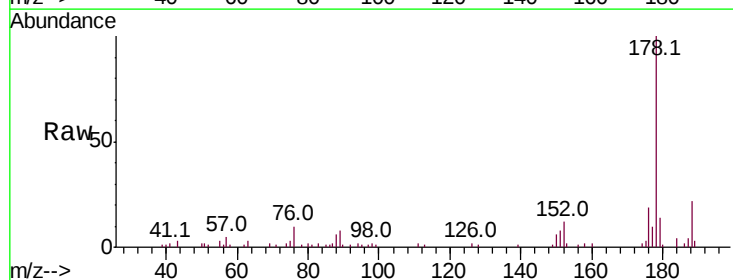
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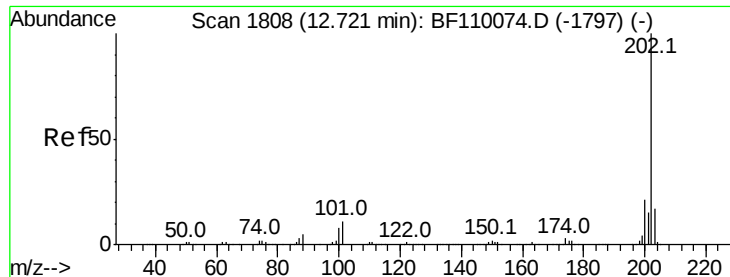
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#71
Phenanthrene
Concen: 4.258 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	37374		
176	18.7	15.5	23.3	
179	14.3	12.5	18.7	





#75

Fluoranthene

Concen: 9.287 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110567.D

Acq: 7 Nov 2018 20:35

Instrument :

BNA_F

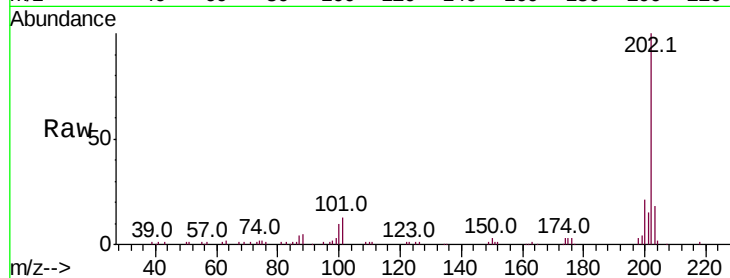
ClientSampled :

TS-H

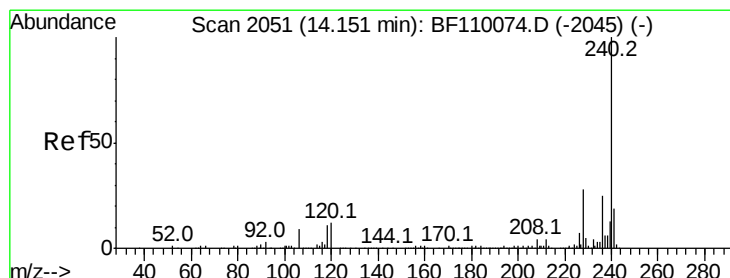
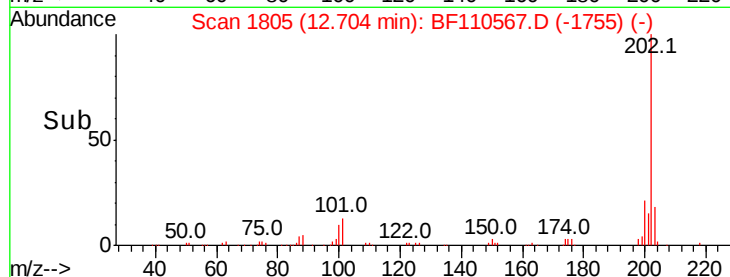
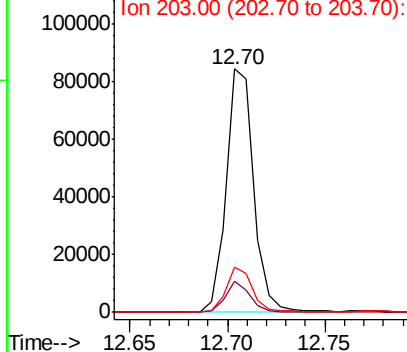
Tot Ion:	202	Resp:	82733
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	31.4
203	18.3	0.0	37.7

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

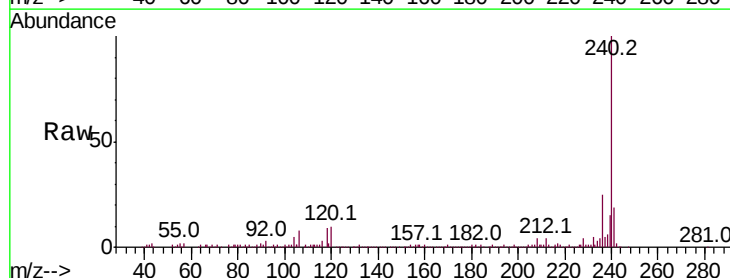
RT: 14.14 min Scan# 2049

Delta R.T. -0.00 min

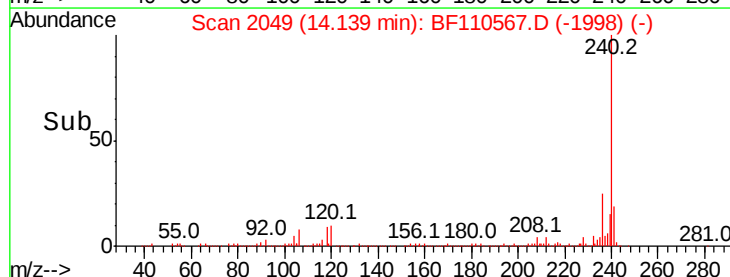
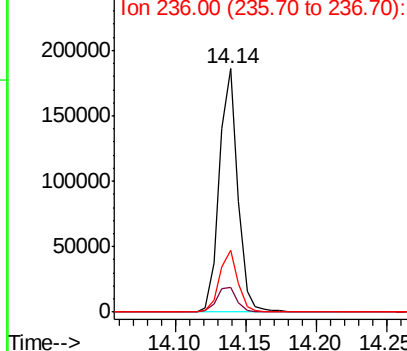
Lab File: BF110567.D

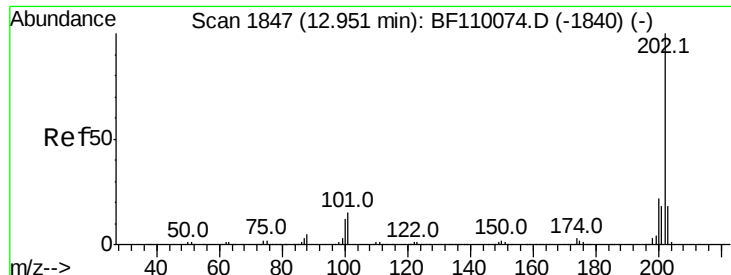
Acq: 7 Nov 2018 20:35

Tgt Ion:	240	Resp:	169150
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.3	12.5
236	25.3	21.2	31.8



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





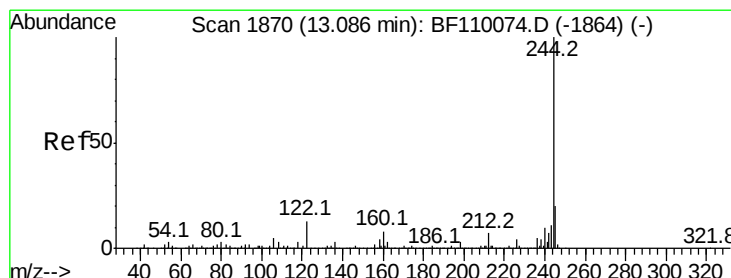
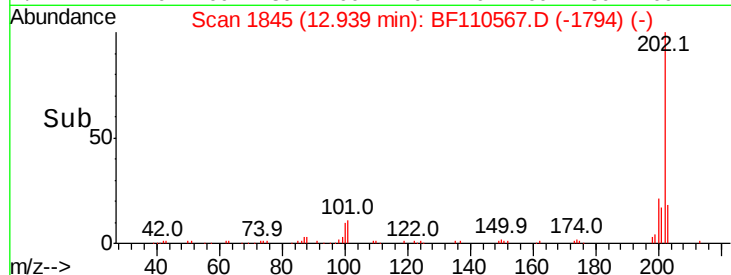
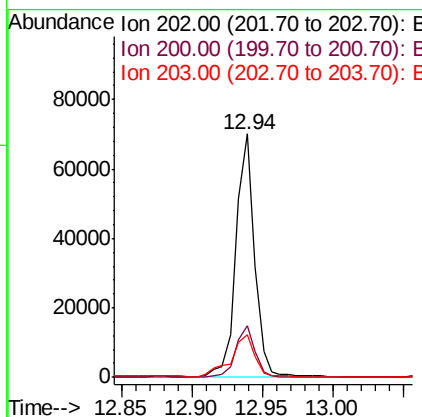
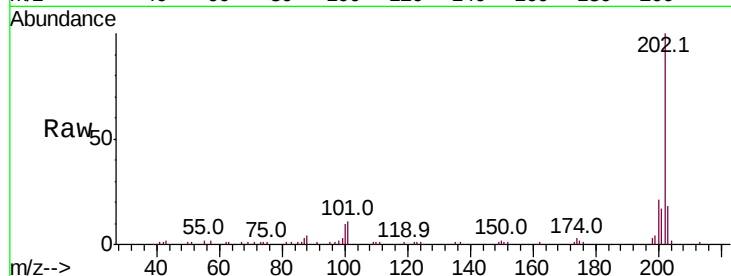
#78
Pvrene
Concen: 5.356 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Instrument :
BNA_F
ClientSampleId :
TS-H

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.7	14.2	21.4

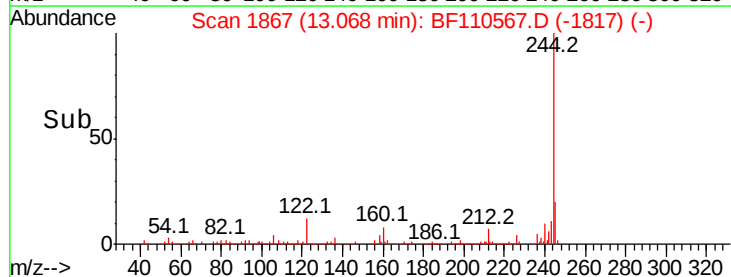
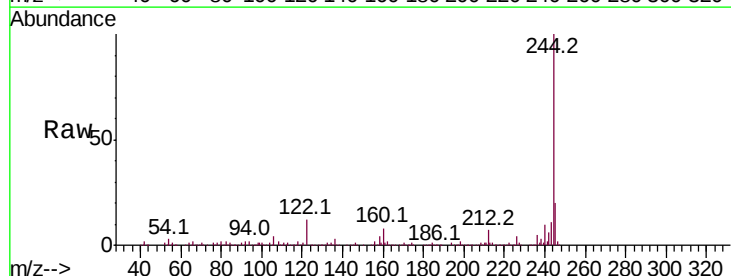
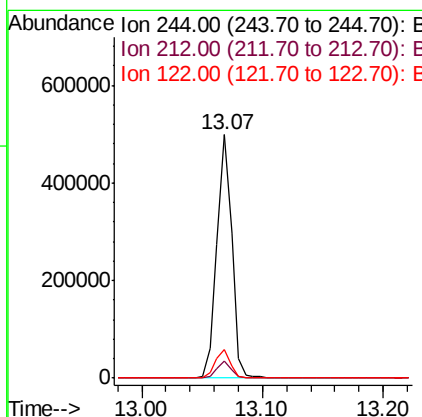
Manual Integrations
APPROVED

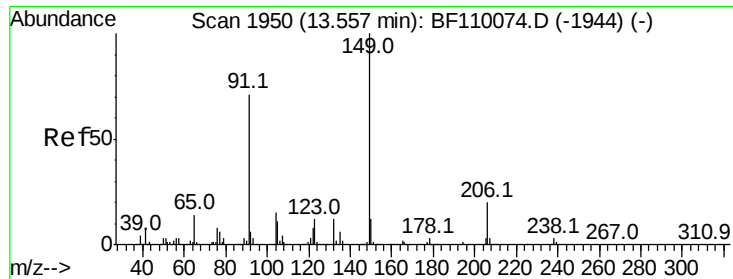
Sohil
11/9/2018 1:35:17 PM



#79
Terphenyl-d14
Concen: 51.818 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.8	8.7	13.1





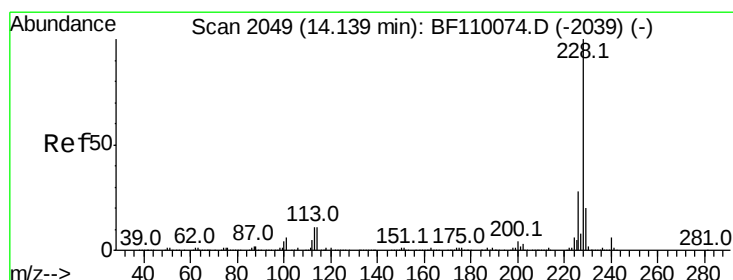
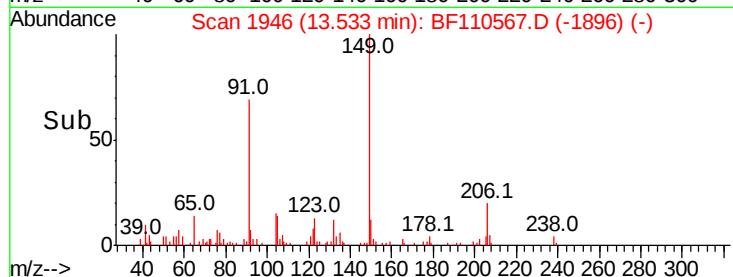
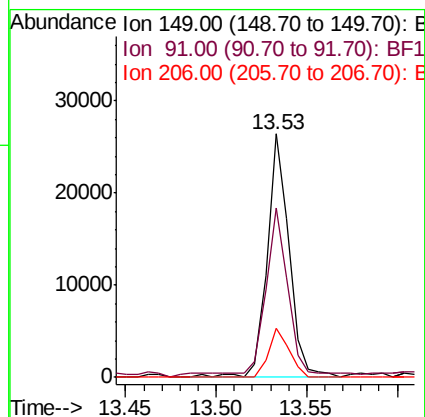
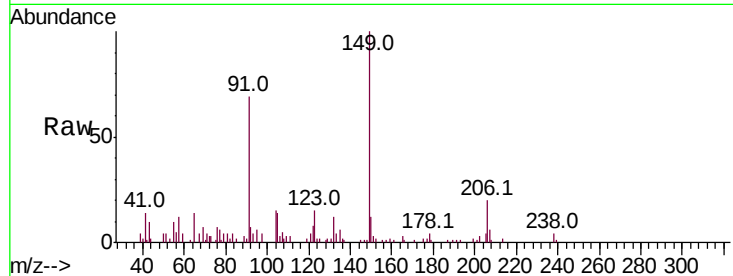
#80
Butylbenzylphthalate
Concen: 4.240 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Instrument :
BNA_F
ClientSampled :
TS-H

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.3	57.2	85.8
206	20.3	15.7	23.5

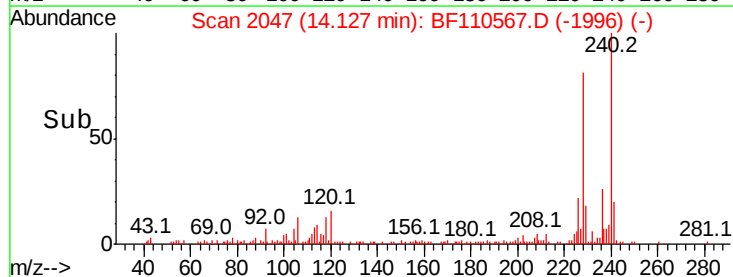
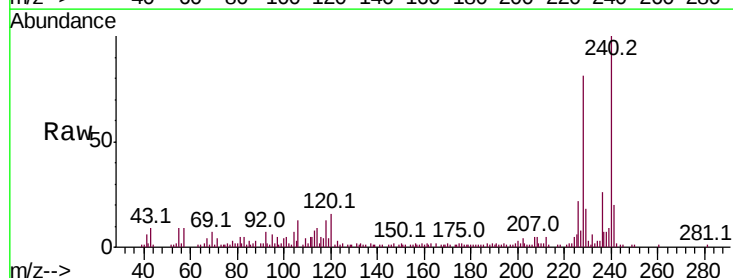
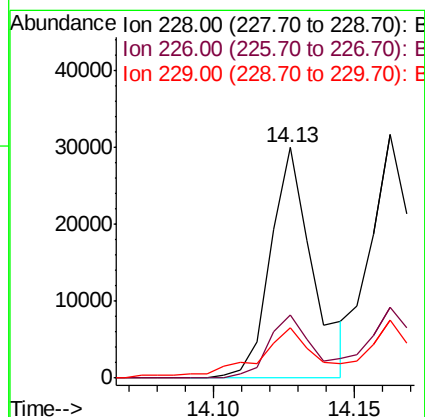
Manual Integrations
APPROVED

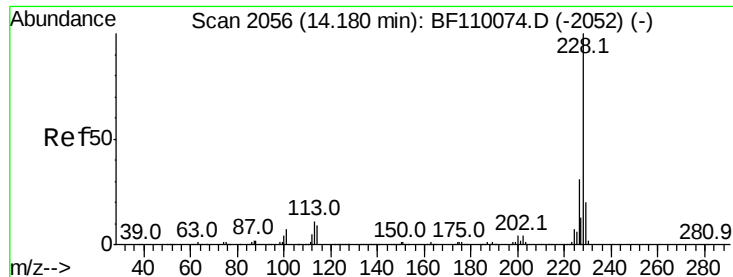
Sohil
11/9/2018 1:35:17 PM



#81
Benzo(a)anthracene
Concen: 3.083 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	21.8	15.6	23.4





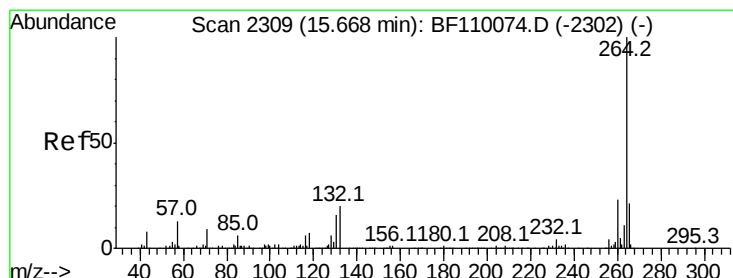
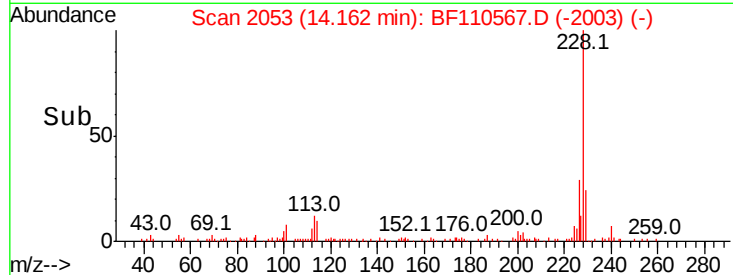
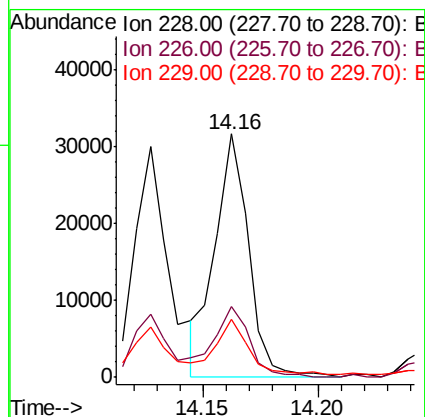
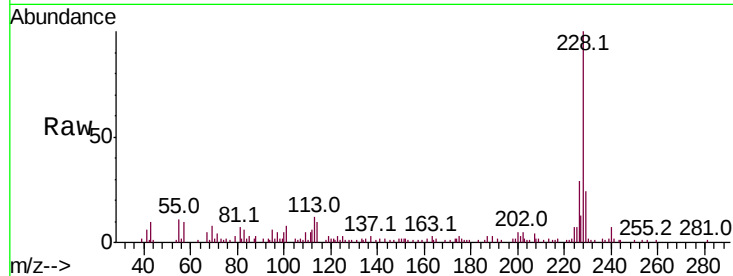
#83
 Chrysene
 Concen: 3.373 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110567.D
 Acq: 7 Nov 2018 20:35

Instrument :
 BNA_F
 ClientSampled :
 TS-H

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.7	37.1
229	23.8	15.9	23.9

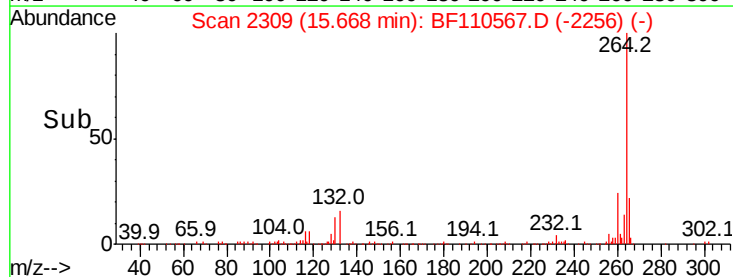
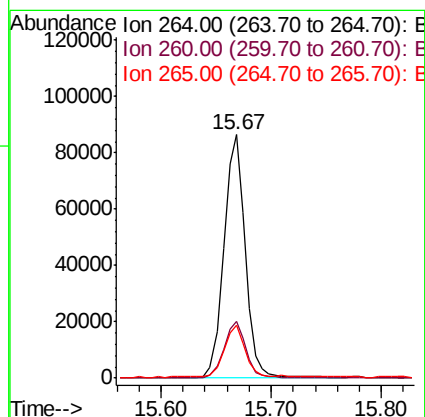
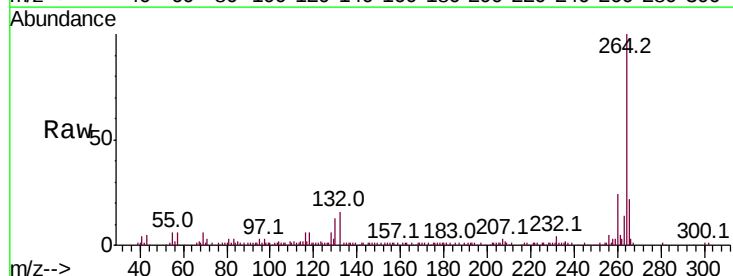
Manual Integrations
 APPROVED

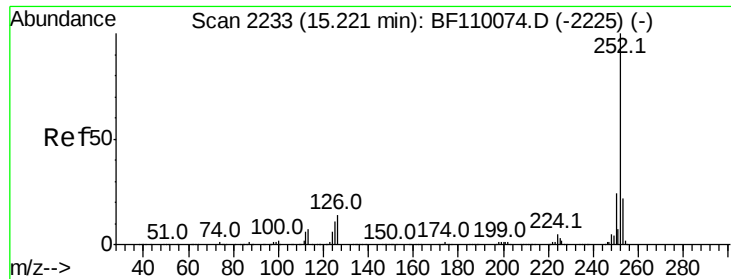
Sohil
 11/9/2018 1:35:17 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110567.D
 Acq: 7 Nov 2018 20:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	16.7	25.1





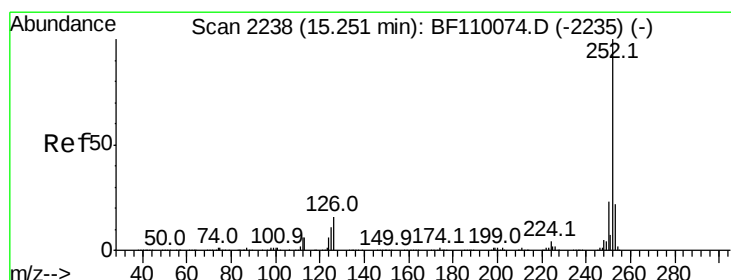
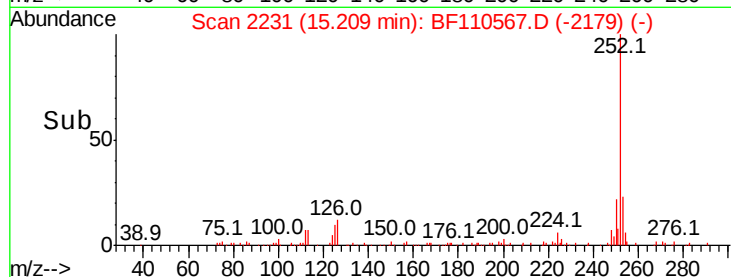
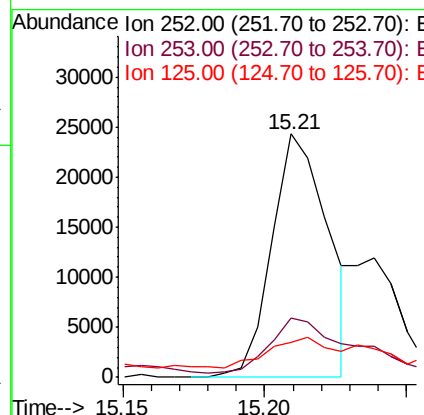
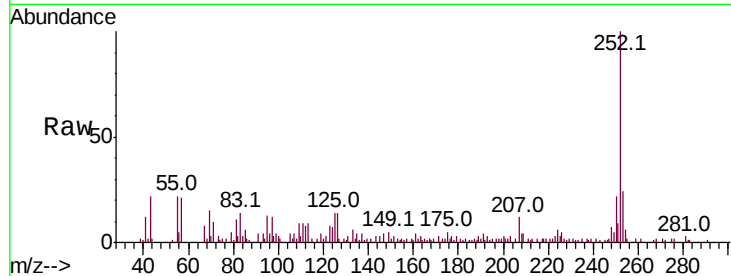
#88
Benzo(b)fluoranthene
Concen: 4.946 ng m
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Instrument :
BNA_F
ClientSampleId :
TS-H

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	14.4	8.2	12.4

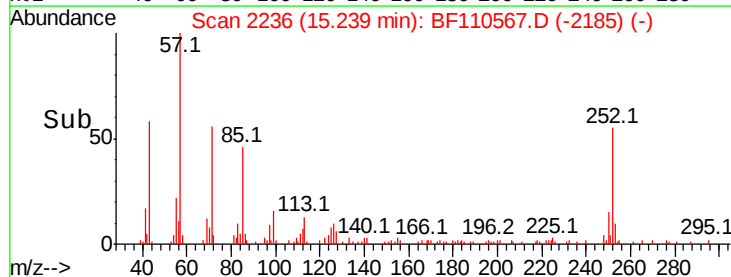
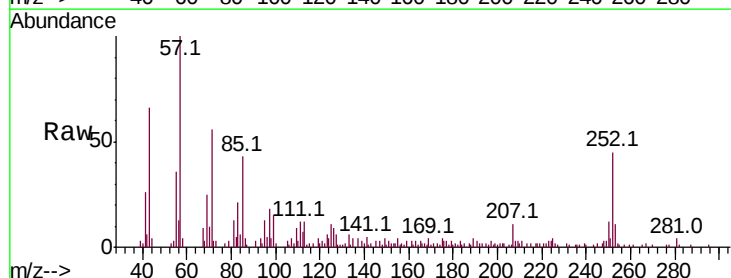
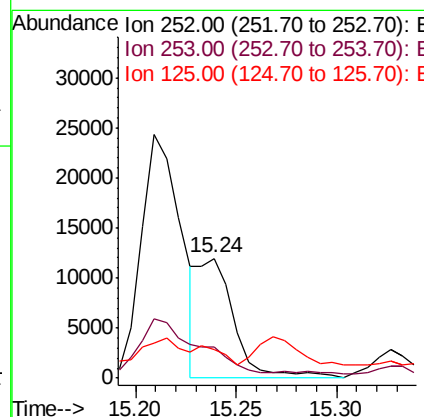
Manual Integrations
APPROVED

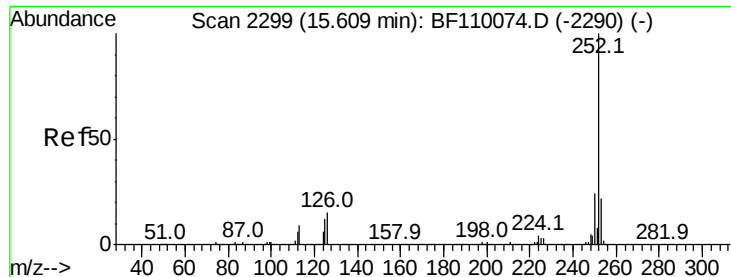
Sohil
11/9/2018 1:35:17 PM



#89
Benzo(k)fluoranthene
Concen: 2.234 ng m
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	23.7	7.4	11.0





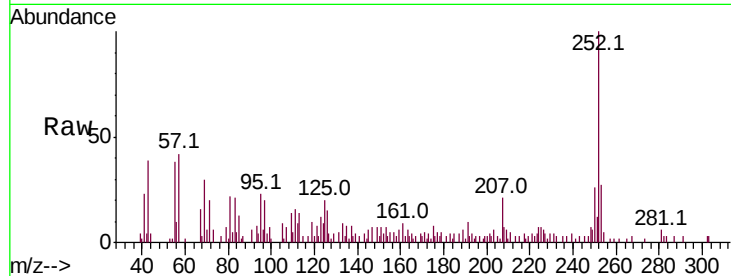
#90
Benzo(a)pyrene
Concen: 3.189 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Instrument :
BNA_F
ClientSampleId :
TS-H

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.2	27.4
125	20.3	9.0	13.6#

Manual Integrations
APPROVED

Sohil
11/9/2018 1:35:17 PM

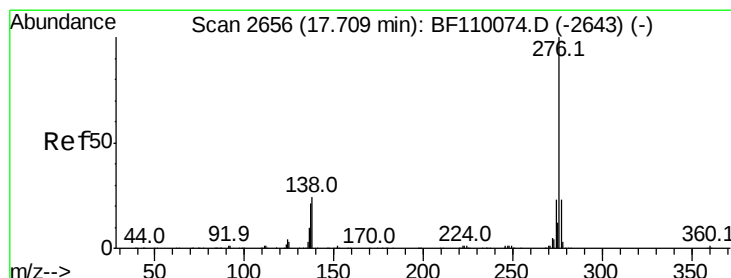
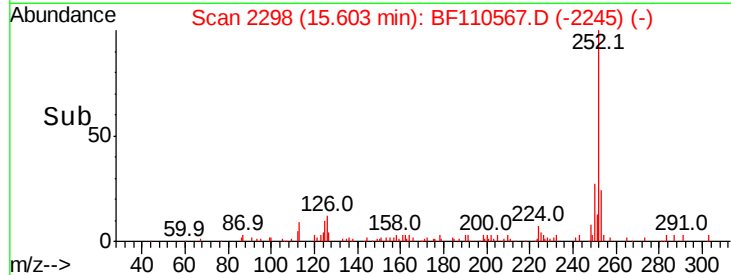
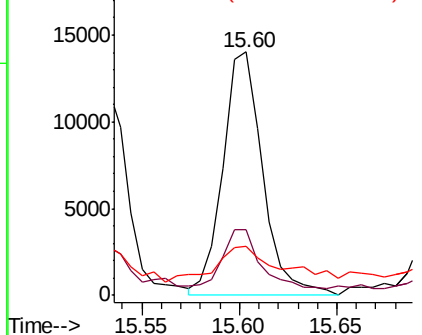


Abundance

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



#92
Benzo(g,h,i)perylene
Concen: 2.137 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.02 min
Lab File: BF110567.D
Acq: 7 Nov 2018 20:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	19.9	18.8	28.2
138	28.5	16.0	24.0#

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

