

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110407.D
 Acq On : 2 Nov 2018 13:02
 Operator : JU/SJ
 Sample : J5759-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:37 AM

Quant Time: Nov 02 22:47:28 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	85800	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	337172	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	143996	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	226604	20.00	ng	0.00
76) Chrysene-d12	14.13	240	187484	20.00	ng	0.00
87) Perylene-d12	15.66	264	186208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	301884	57.30	ng	0.00
7) Phenol-d6	6.57	99	410143	60.86	ng	0.00
23) Nitrobenzene-d5	7.52	82	272760	47.98	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	99992	70.10	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	525683	57.33	ng	0.00
79) Terphenyl-d14	13.07	244	457257	50.72	ng	0.00
Target Compounds						
10) Phenol	6.59	94	24429	3.391	ng	Qvalue # 65
50) Dimethylphthalate	9.70	163	80819	7.603	ng	99
71) Phenanthrene	11.51	178	84171	7.099	ng	98
75) Fluoranthene	12.70	202	131453	10.924	ng	97
78) Pyrene	12.93	202	127284	9.470	ng	97
81) Benzo(a)anthracene	14.12	228	63698	5.729	ng	99
83) Chrysene	14.16	228	55805	5.285	ng	96
86) Indeno(1,2,3-cd)pyrene	17.22	276	26189	2.989	ng	97
88) Benzo(b)fluoranthene	15.20	252	72007m	6.697	ng	
89) Benzo(k)fluoranthene	15.23	252	23244m	2.199	ng	
90) Benzo(a)pyrene	15.59	252	50591	5.113	ng	# 98
92) Benzo(a,h,i)perylene	17.69	276	24701	2.936	ng	# 94

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

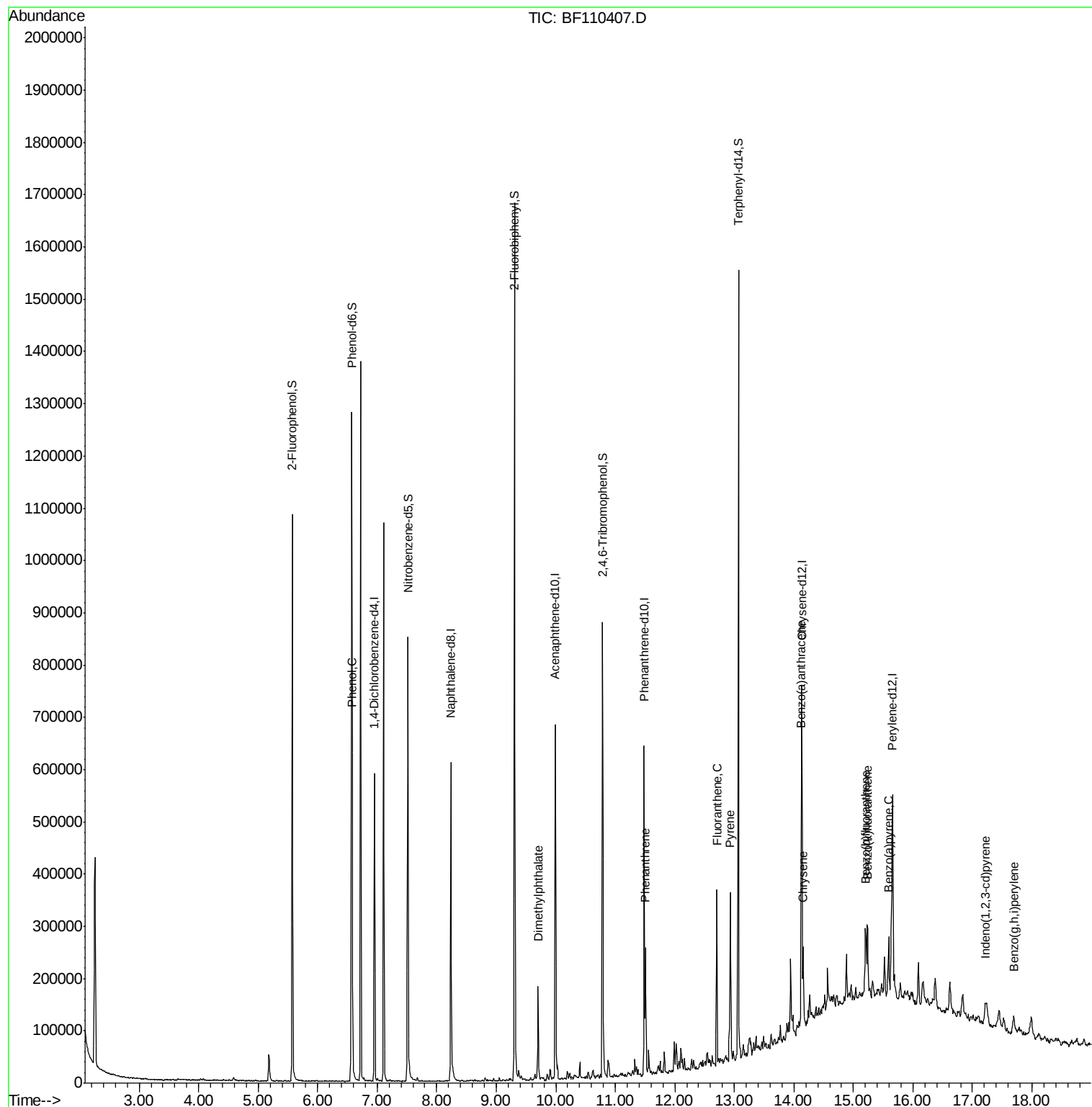
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110407.D
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Operator : JU/SJ
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TP-2

Manual Integrations
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Response via : Initial Calibration





#1

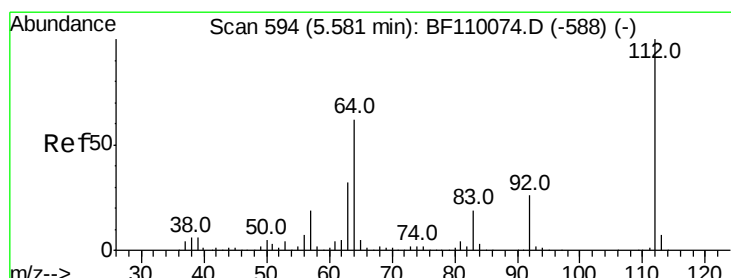
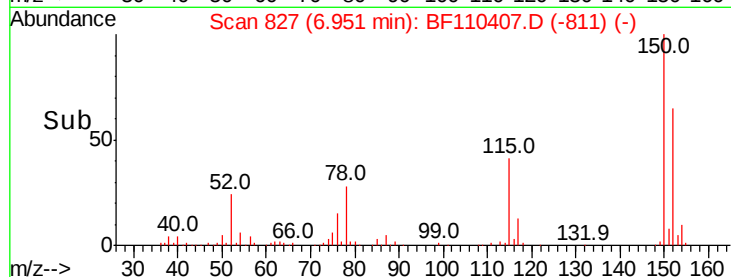
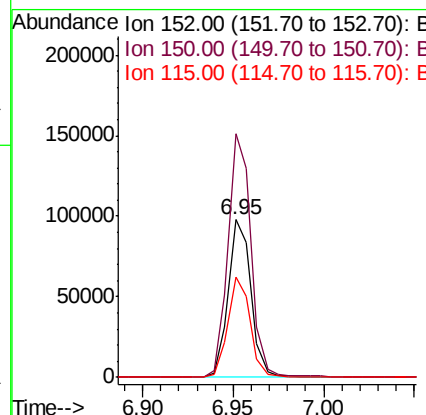
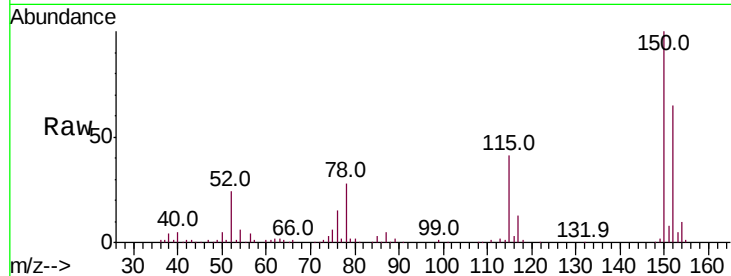
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.7	184.1
115	64.0	49.1	73.7

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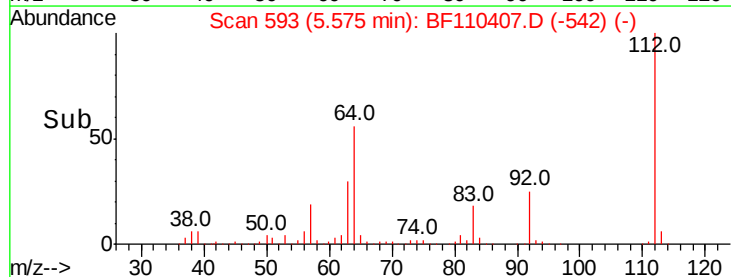
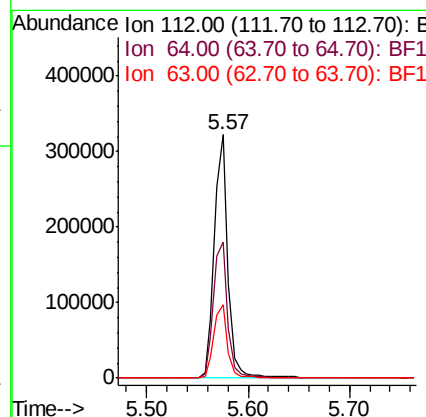
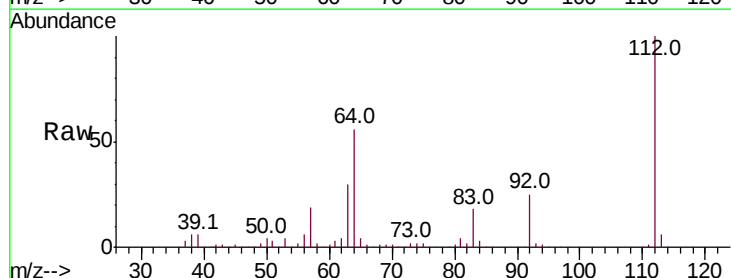
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#5

2-Fluorophenol
Concen: 57.296 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.1	66.1
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 60.859 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110407.D

Acq: 2 Nov 2018 13:02

Instrument :

BNA_F

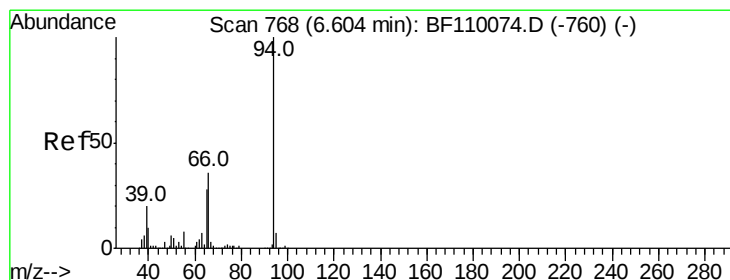
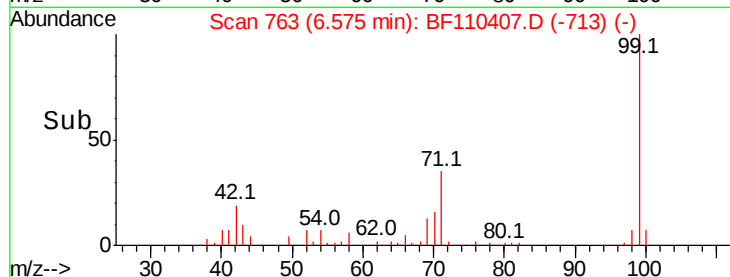
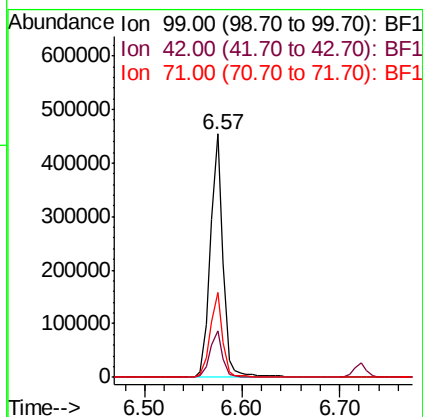
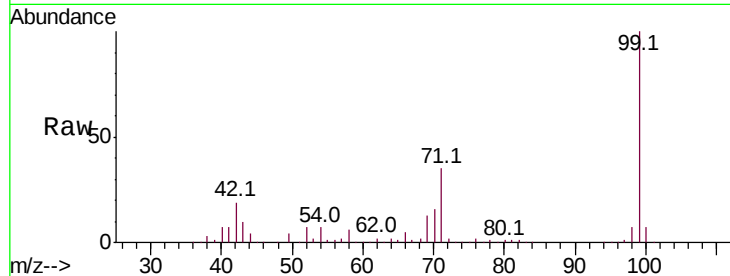
ClientSampled :

TP-2

Tot Ion:	99	Resp:	410143
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	34.9	28.0	42.0

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#10

Phenol

Concen: 3.391 ng

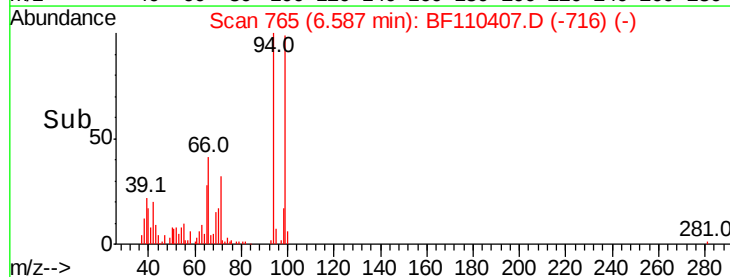
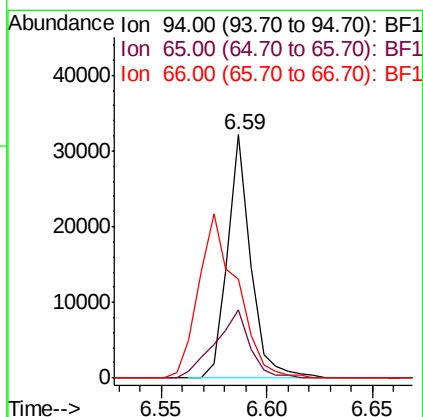
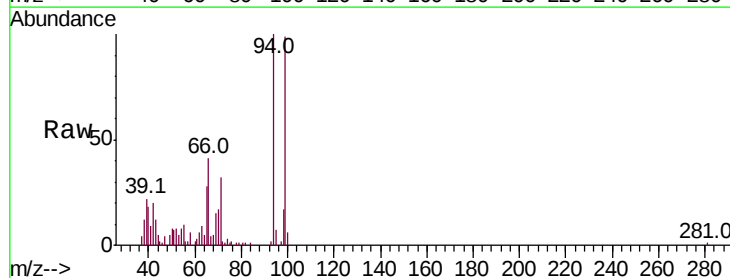
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110407.D

Acq: 2 Nov 2018 13:02

Tgt Ion:	94	Resp:	24429
Ion	Ratio	Lower	Upper
94	100		
65	27.9	25.3	65.3
66	40.7	54.5	94.5#





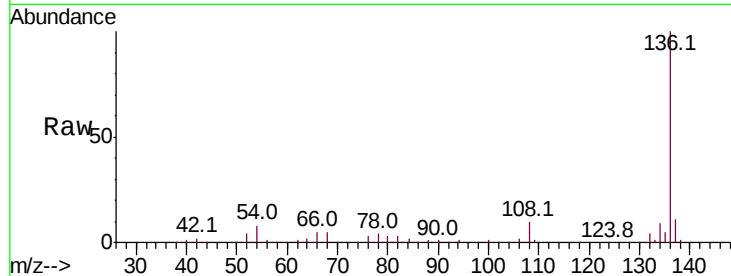
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Instrument :
BNA_F
ClientSampled :
TP-2

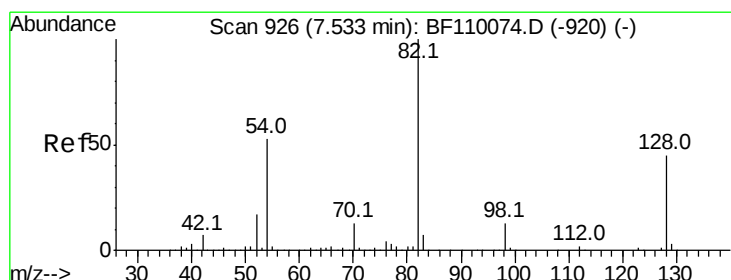
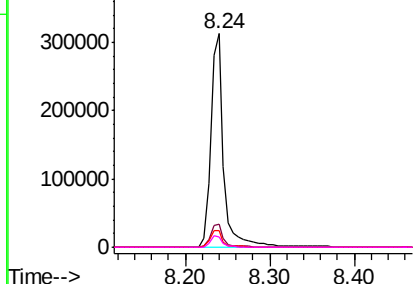
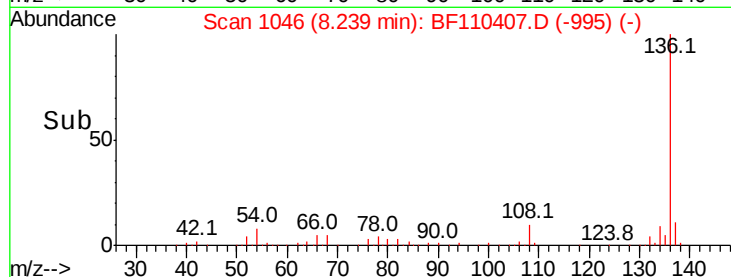
Tot Ion	Ratio	Resp	Lower	Upper
136	100	337172		
137	10.8		8.8	13.2
54	7.5		5.4	8.2
68	4.6		4.2	6.2

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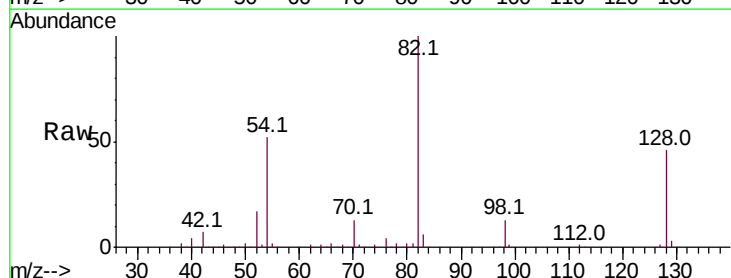


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

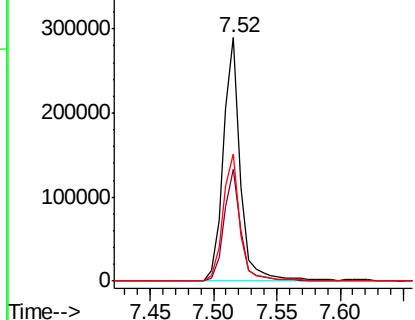
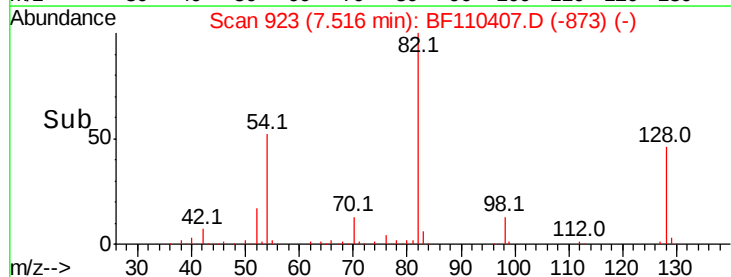


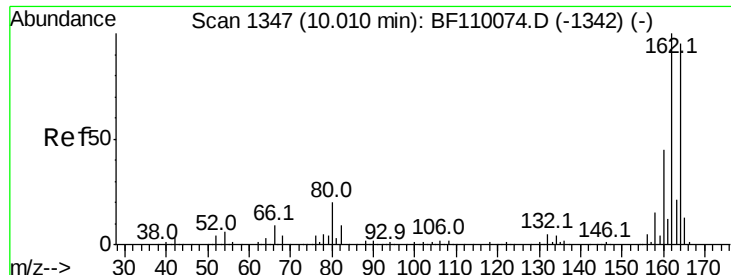
#23
Nitrobenzene-d5
Concen: 47.982 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	272760		
128	46.1		34.2	51.2
54	52.1		38.6	58.0



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





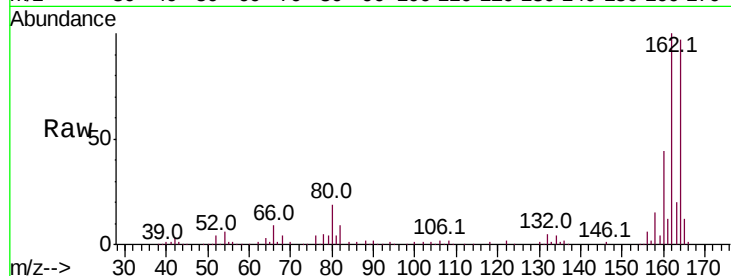
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	44.9	37.0	55.6

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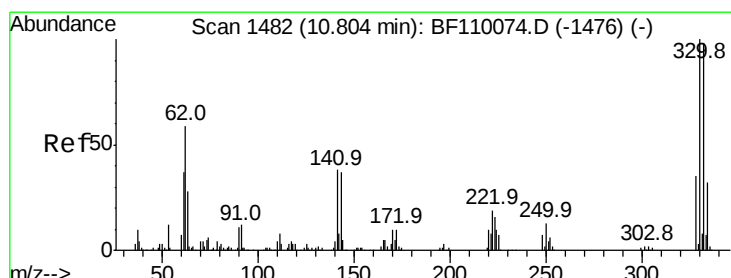
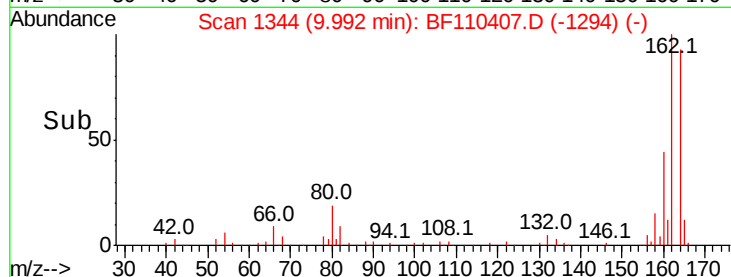
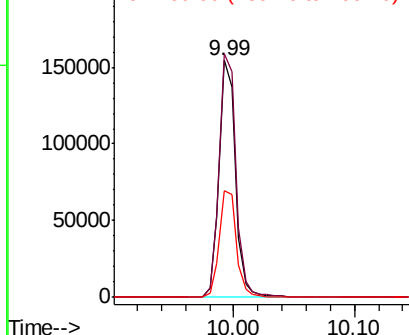


Abundance

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: 70.102 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

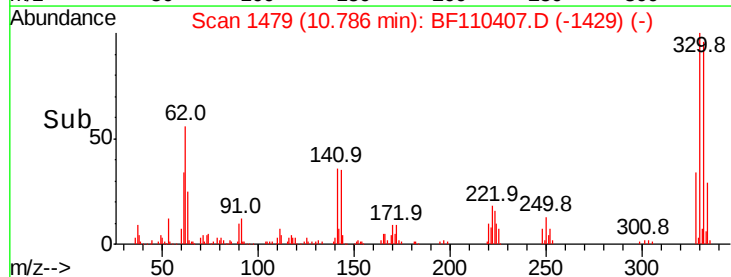
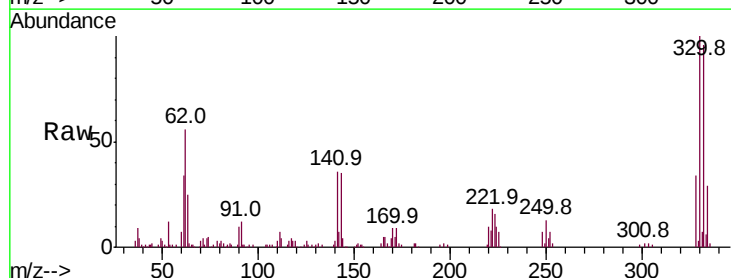
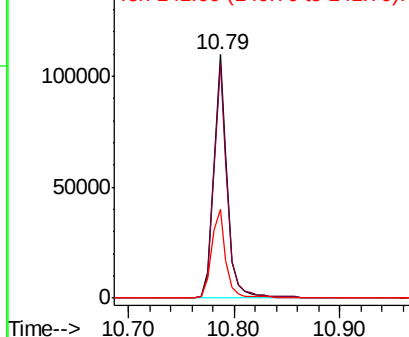
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	38.2	27.0	40.4

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





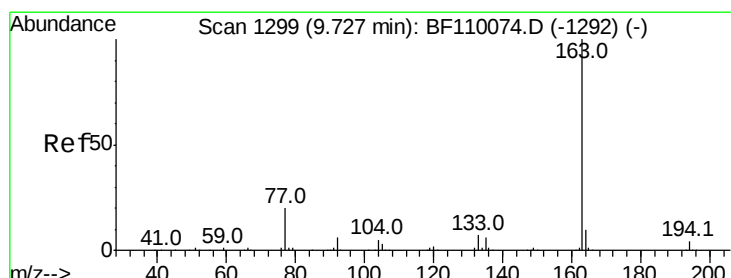
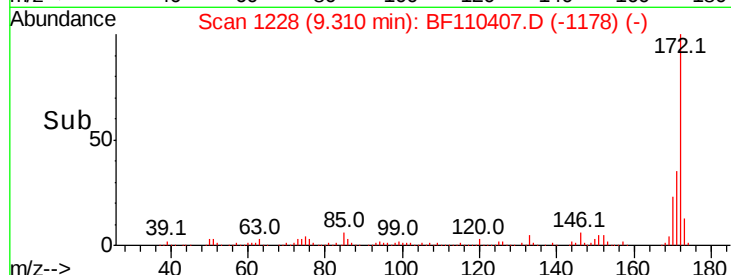
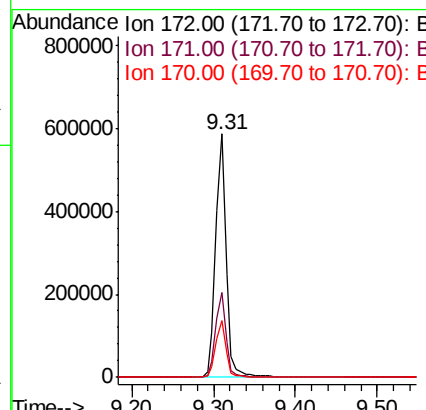
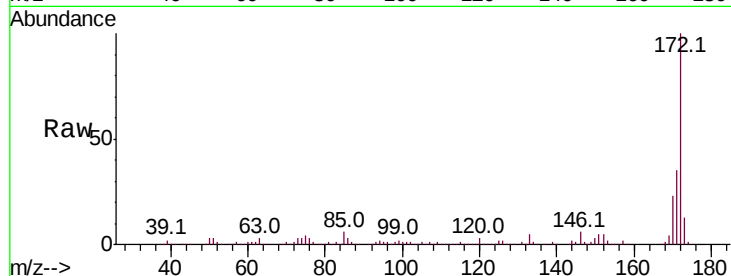
#45
2-Fluorobiphenyl
Concen: 57.325 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
172	100	525683		
171	34.8		28.6	43.0
170	23.2		19.7	29.5

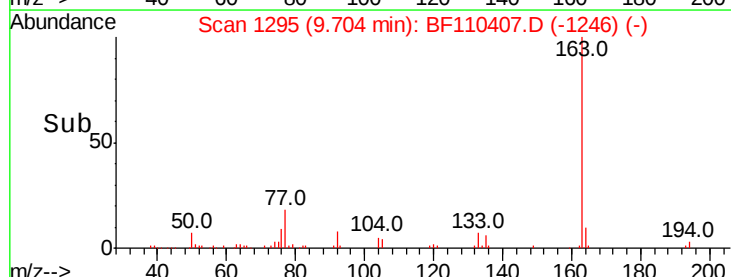
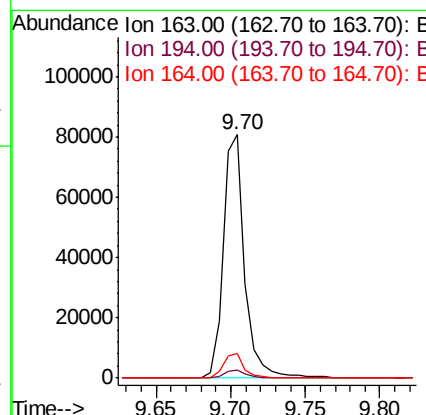
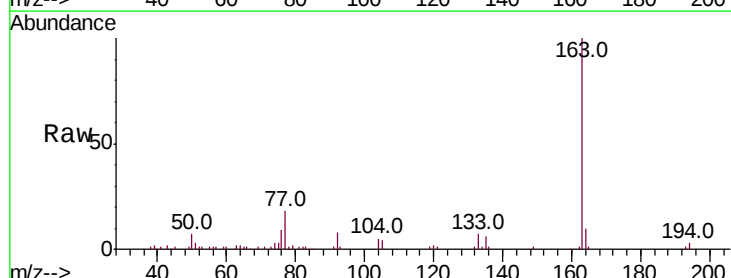
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#50
Dimethylphthalate
Concen: 7.603 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	80819		
194	3.5		3.2	4.8
164	10.0		8.1	12.1





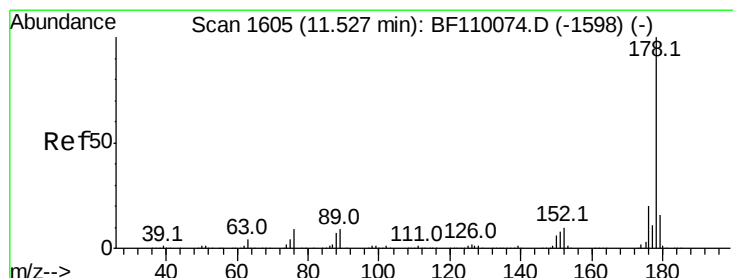
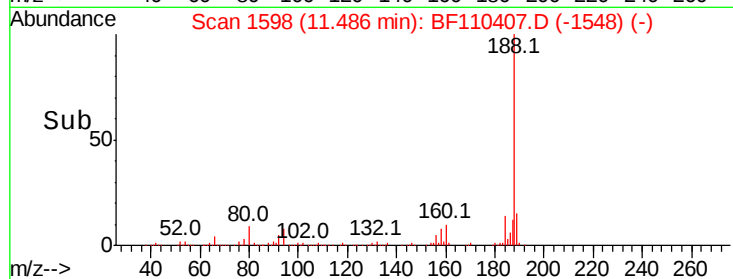
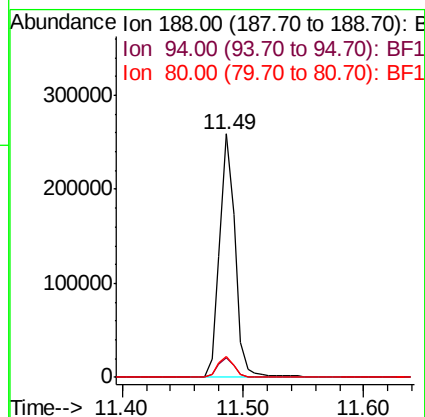
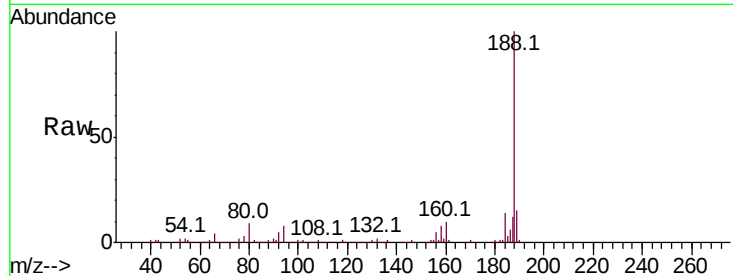
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	226604		
94	8.3		7.2	10.8
80	8.7		7.9	11.9

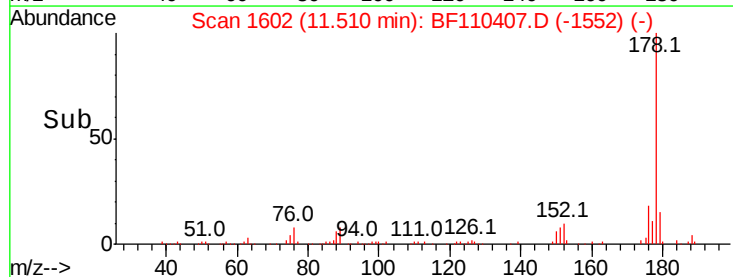
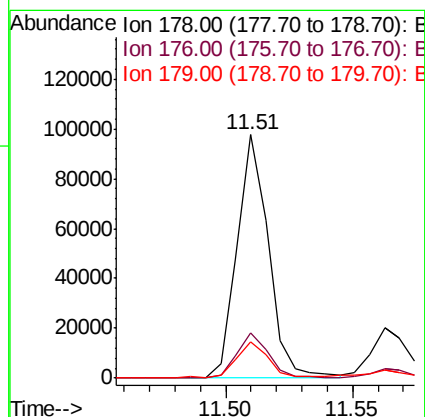
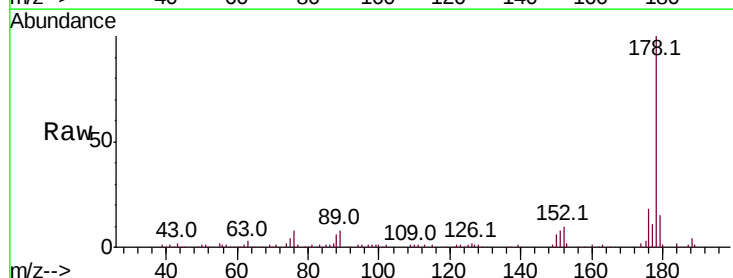
Manual Integrations
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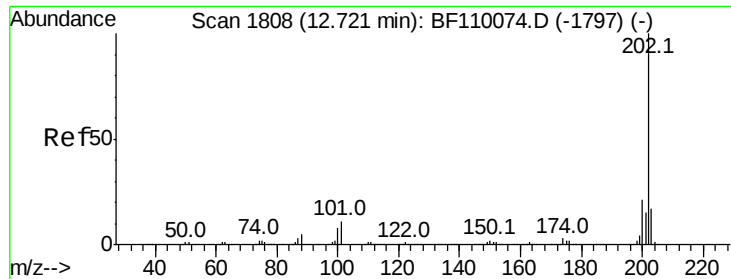
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#71
Phenanthrene
Concen: 7.099 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	84171		
176	18.4		15.5	23.3
179	15.1		12.5	18.7





#75

Fluoranthene

Concen: 10.924 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110407.D

Acq: 2 Nov 2018 13:02

Instrument :

BNA_F

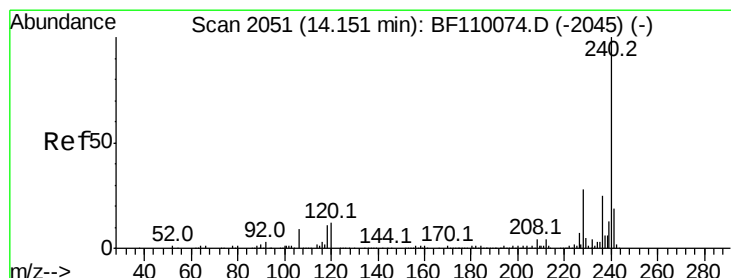
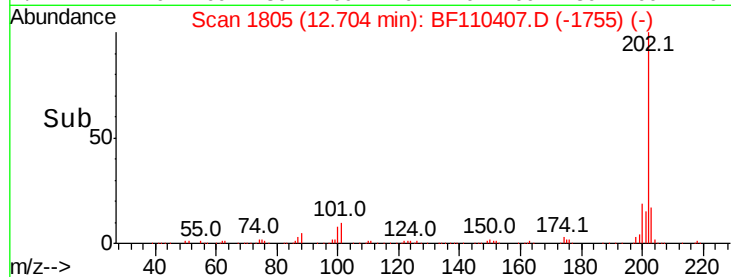
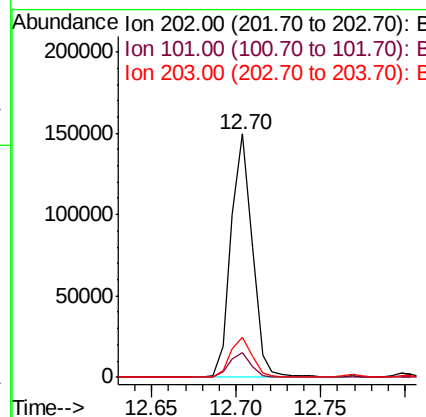
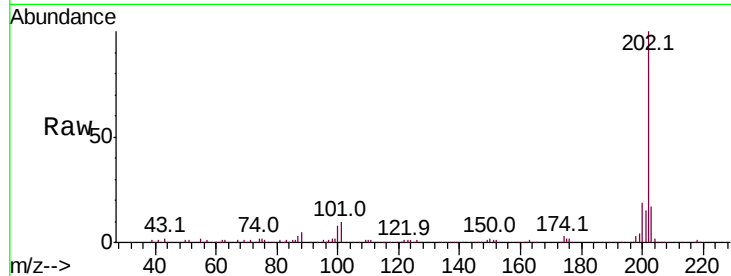
ClientSampleId :

TP-2

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.1	0.0	31.4
203	16.7	0.0	37.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

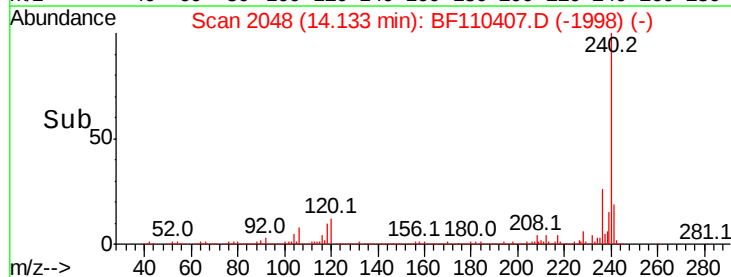
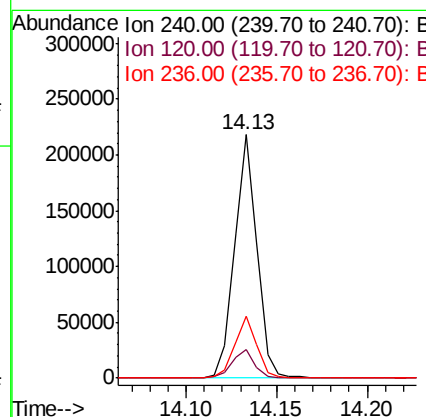
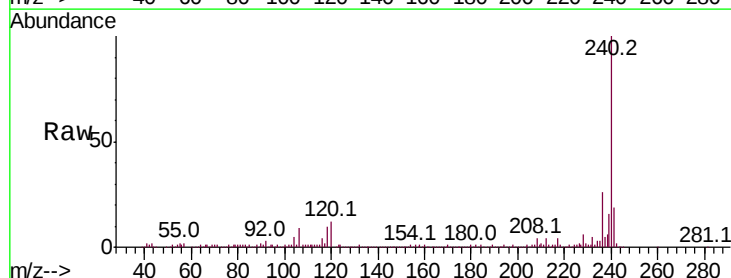
RT: 14.13 min Scan# 2048

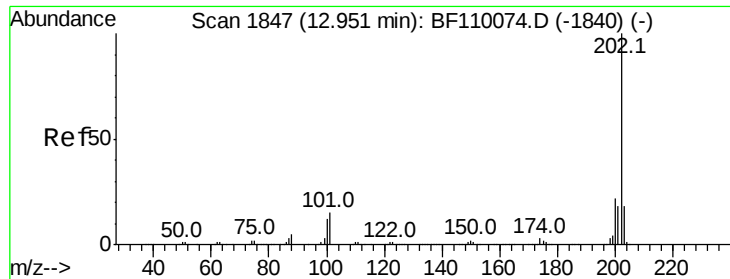
Delta R.T. -0.01 min

Lab File: BF110407.D

Acq: 2 Nov 2018 13:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.6	8.3	12.5
236	25.6	21.2	31.8





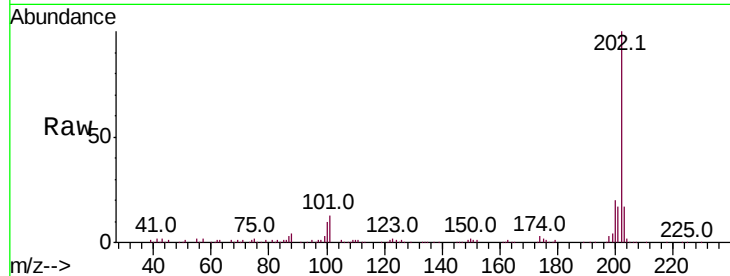
#78
Pvrene
Concen: 9.470 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.8	26.6
203	17.1	14.2	21.4

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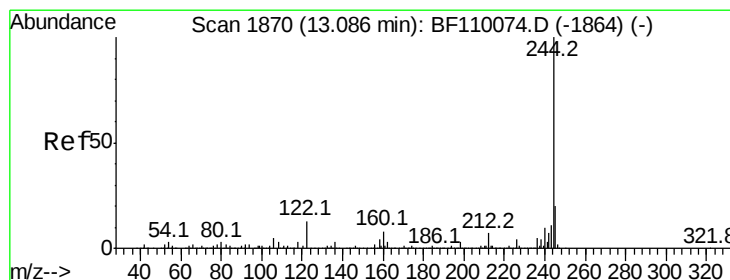
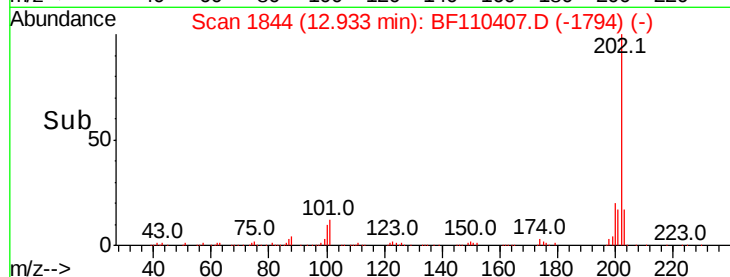
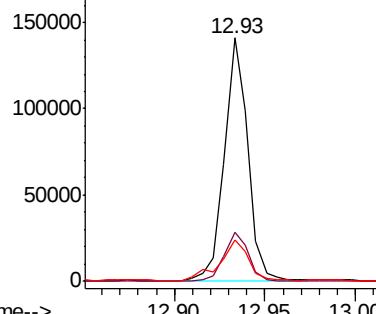


Abundance

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



#79
Terphenyl-d14
Concen: 50.722 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

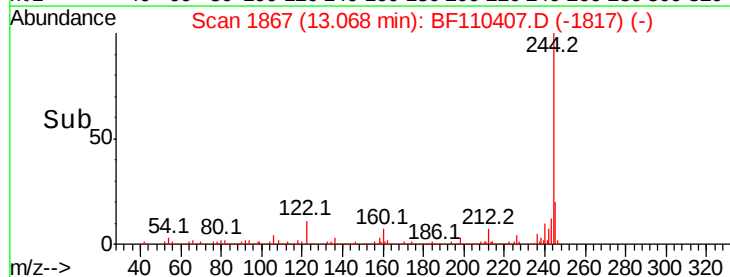
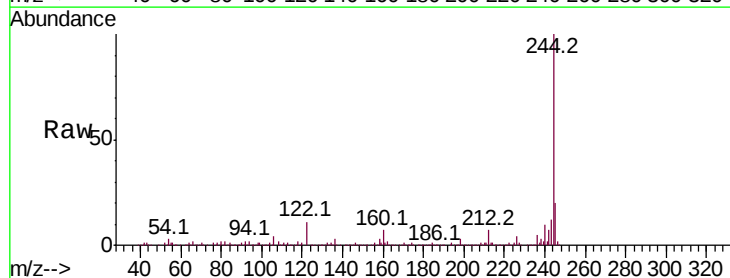
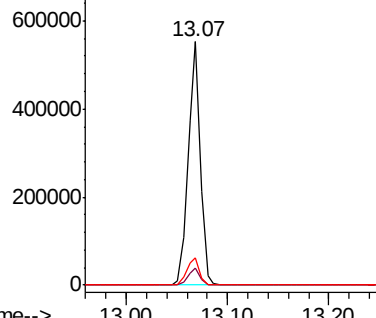
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.0	8.7	13.1

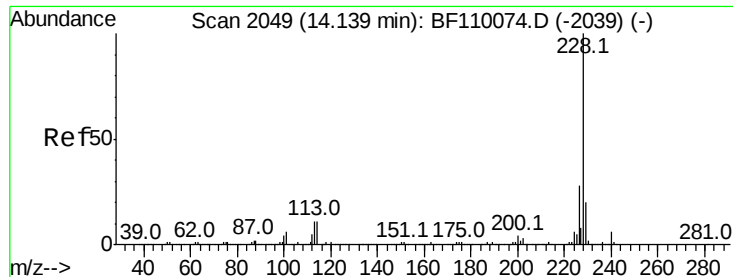
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 5.729 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110407.D

Acq: 2 Nov 2018 13:02

Instrument :

BNA_F

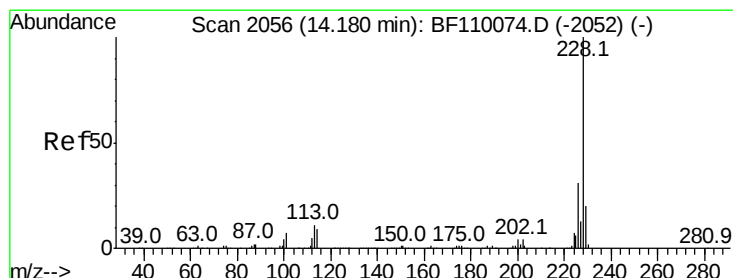
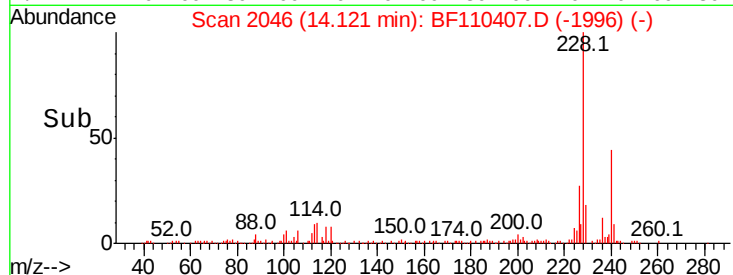
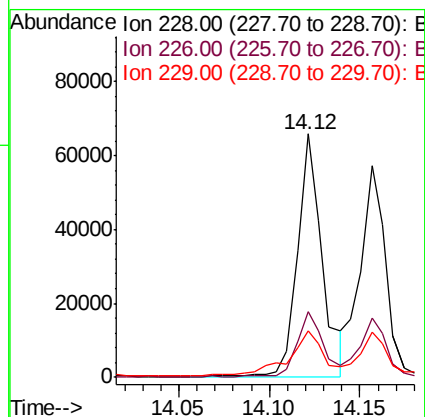
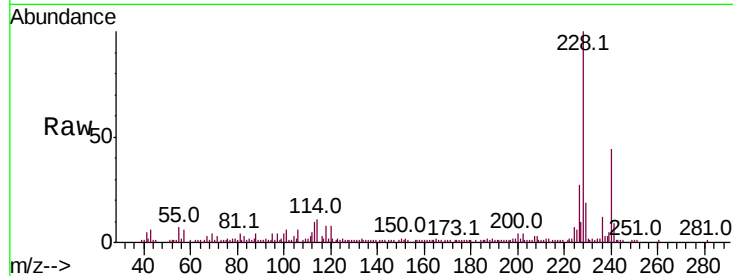
ClientSampleId :

TP-2

Tot Ion:228	Resp:	63698
Ion Ratio	Lower	Upper
228 100		
226 27.2	22.1	33.1
229 19.0	15.6	23.4

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#83

Chrysene

Concen: 5.285 ng

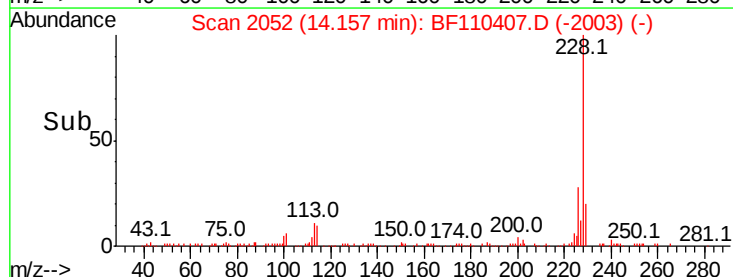
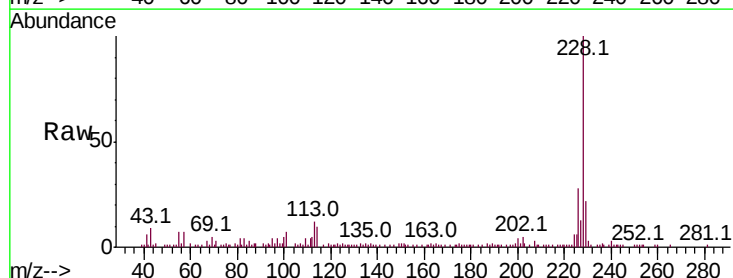
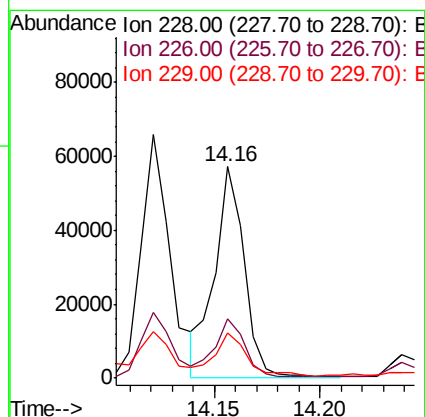
RT: 14.16 min Scan# 2052

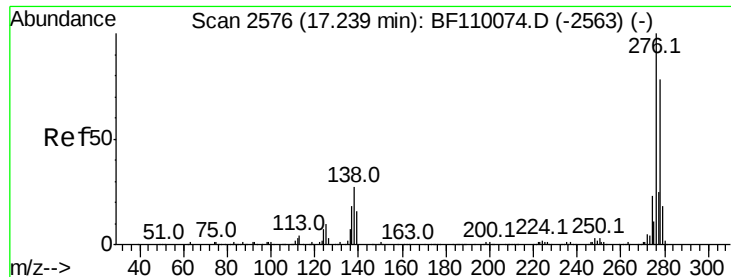
Delta R.T. -0.01 min

Lab File: BF110407.D

Acq: 2 Nov 2018 13:02

Tgt Ion:228	Resp:	55805
Ion Ratio	Lower	Upper
228 100		
226 28.2	24.7	37.1
229 21.6	15.9	23.9





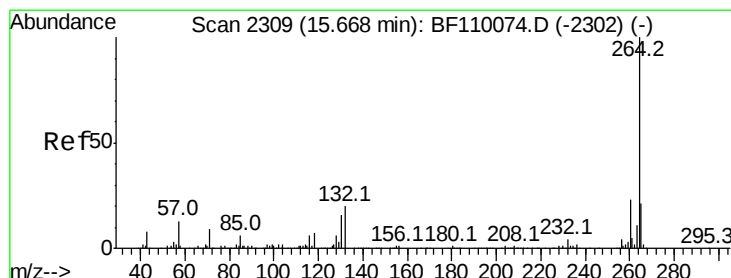
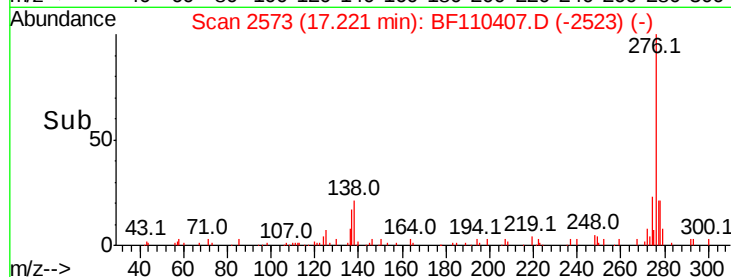
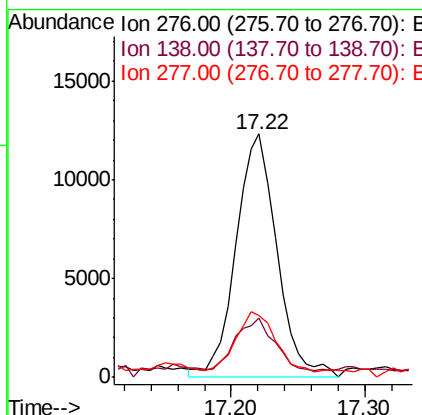
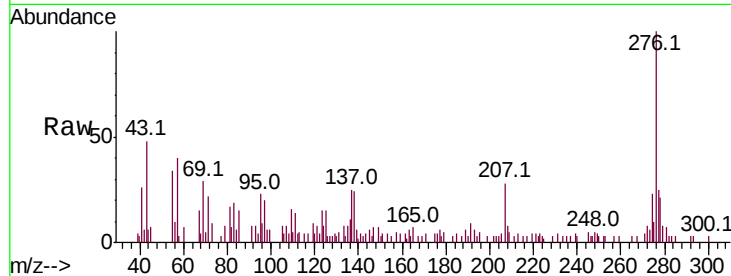
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.989 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.5	27.7
277	23.5	20.0	30.0

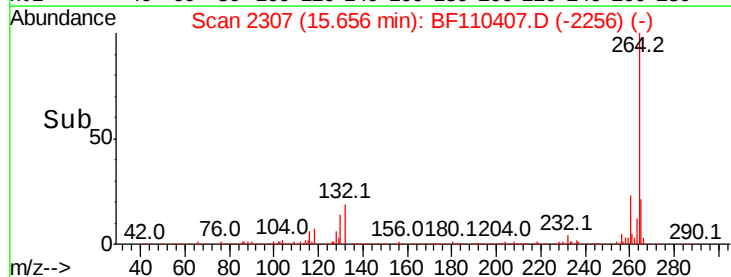
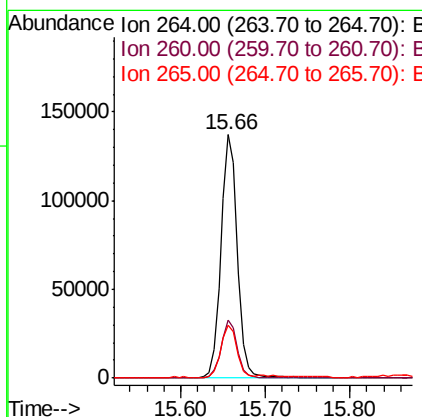
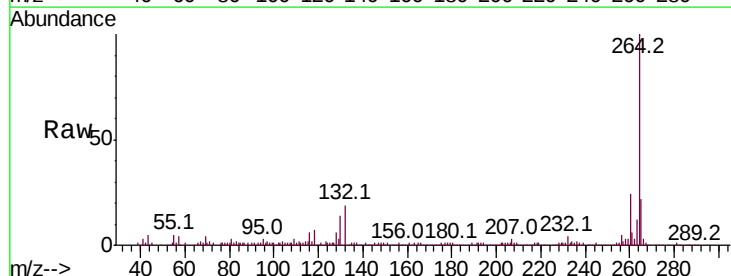
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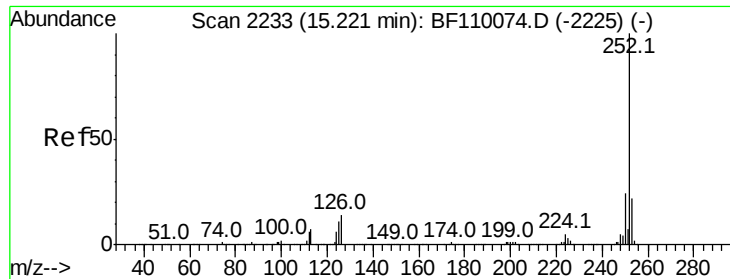
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.7	16.7	25.1





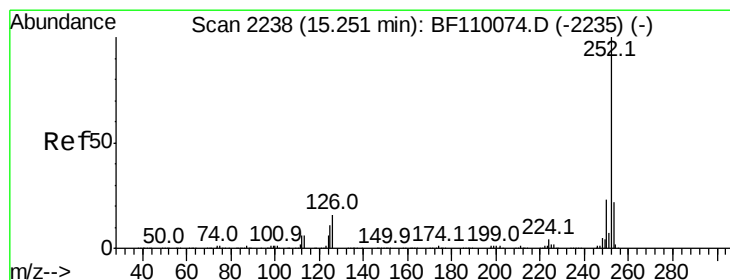
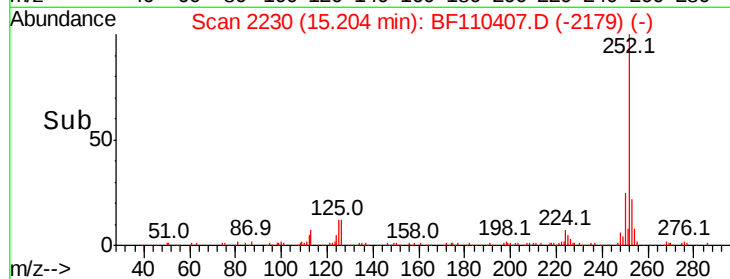
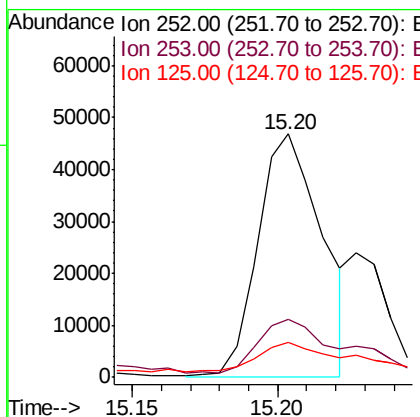
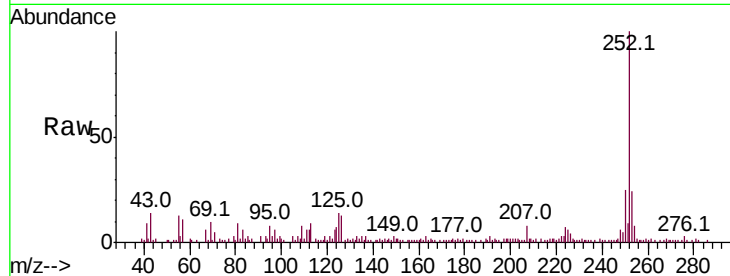
#88
Benzo(b)fluoranthene
Concen: 6.697 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	14.3	8.2	12.4

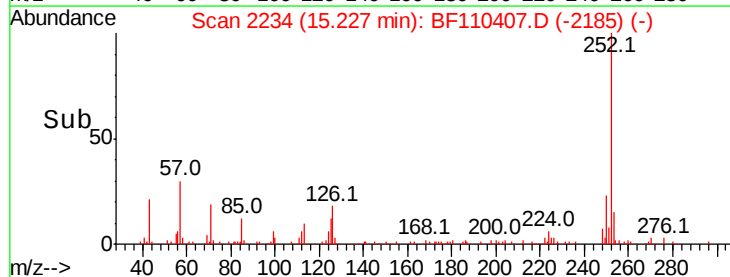
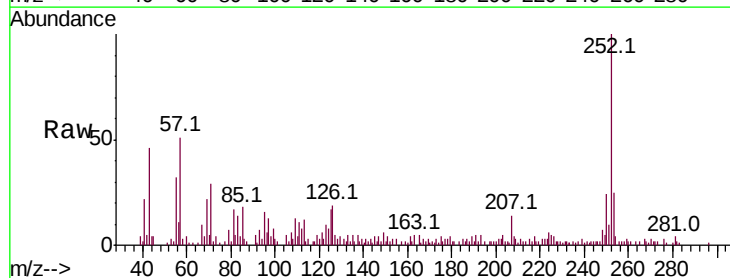
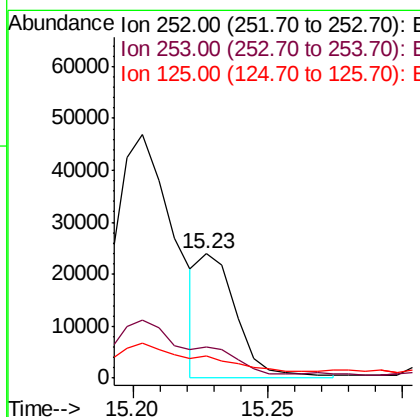
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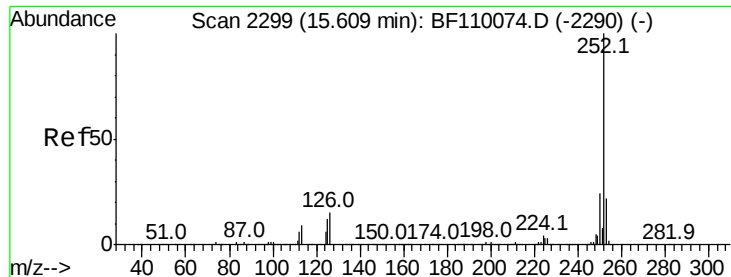
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#89
Benzo(k)fluoranthene
Concen: 2.199 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	17.4	7.4	11.0





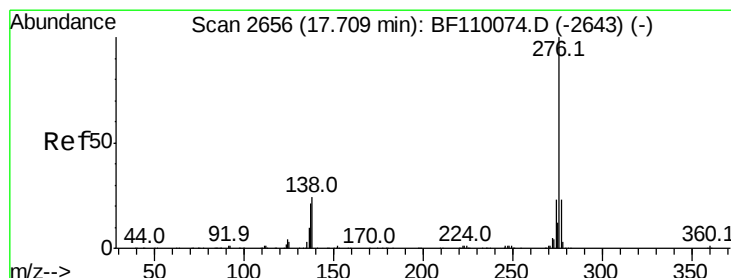
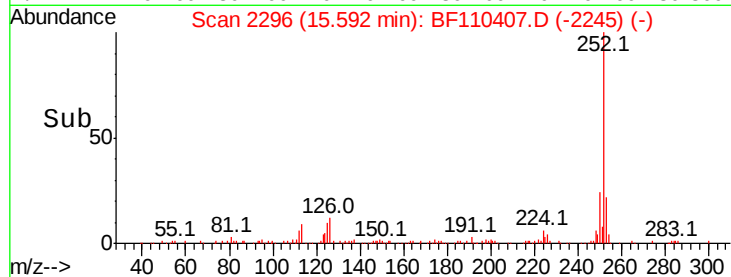
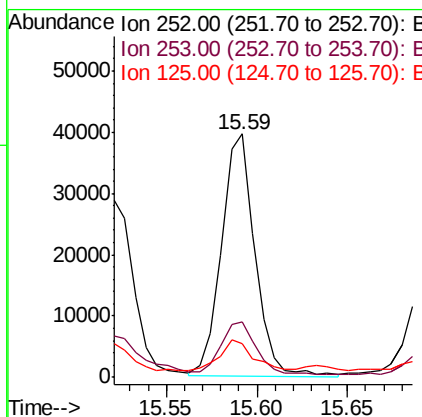
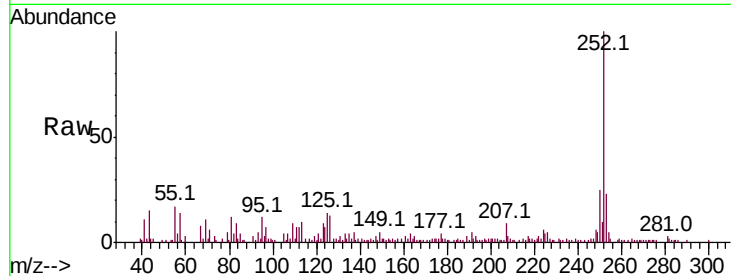
#90
Benzo(a)pyrene
Concen: 5.113 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	13.6	9.0	13.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.936 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.01 min
Lab File: BF110407.D
Acq: 2 Nov 2018 13:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	25.4	16.0	24.0

