

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110625.D
 Acq On : 9 Nov 2018 14:08
 Operator : JU/SJ
 Sample : J5813-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-K

Manual Integrations
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 11/12/2018 10:30:04 AM

Quant Time: Nov 09 17:19:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	74985	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	282590	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	107463	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	175172	20.00	ng	0.00
76) Chrysene-d12	14.13	240	151092	20.00	ng	0.00
87) Perylene-d12	15.66	264	104342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	466455	101.04	ng	0.00
7) Phenol-d6	6.57	99	587599	99.54	ng	0.00
23) Nitrobenzene-d5	7.51	82	355941	72.54	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	82544	76.23	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	496435	65.98	ng	0.00
79) Terphenyl-d14	13.06	244	399708	49.54	ng	0.00
Target Compounds						
10) Phenol	6.58	94	36822	5.379	ng	Qvalue # 74
50) Dimethylphthalate	9.69	163	94329	11.764	ng	100
71) Phenanthrene	11.50	178	51316	5.468	ng	98
75) Fluoranthene	12.70	202	110859	11.782	ng	99
78) Pyrene	12.93	202	85851	7.379	ng	98
81) Benzo(a)anthracene	14.12	228	36098	3.997	ng	96
83) Chrysene	14.16	228	41289	4.799	ng	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	16364	2.650	ng	# 89
88) Benzo(b)fluoranthene	15.20	252	40793m	6.535	ng	
89) Benzo(k)fluoranthene	15.23	252	13684m	2.219	ng	
90) Benzo(a)pyrene	15.59	252	23644	4.169	ng	# 90
92) Benzo(a,h,i)perylene	17.71	276	15566	3.269	ng	95

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

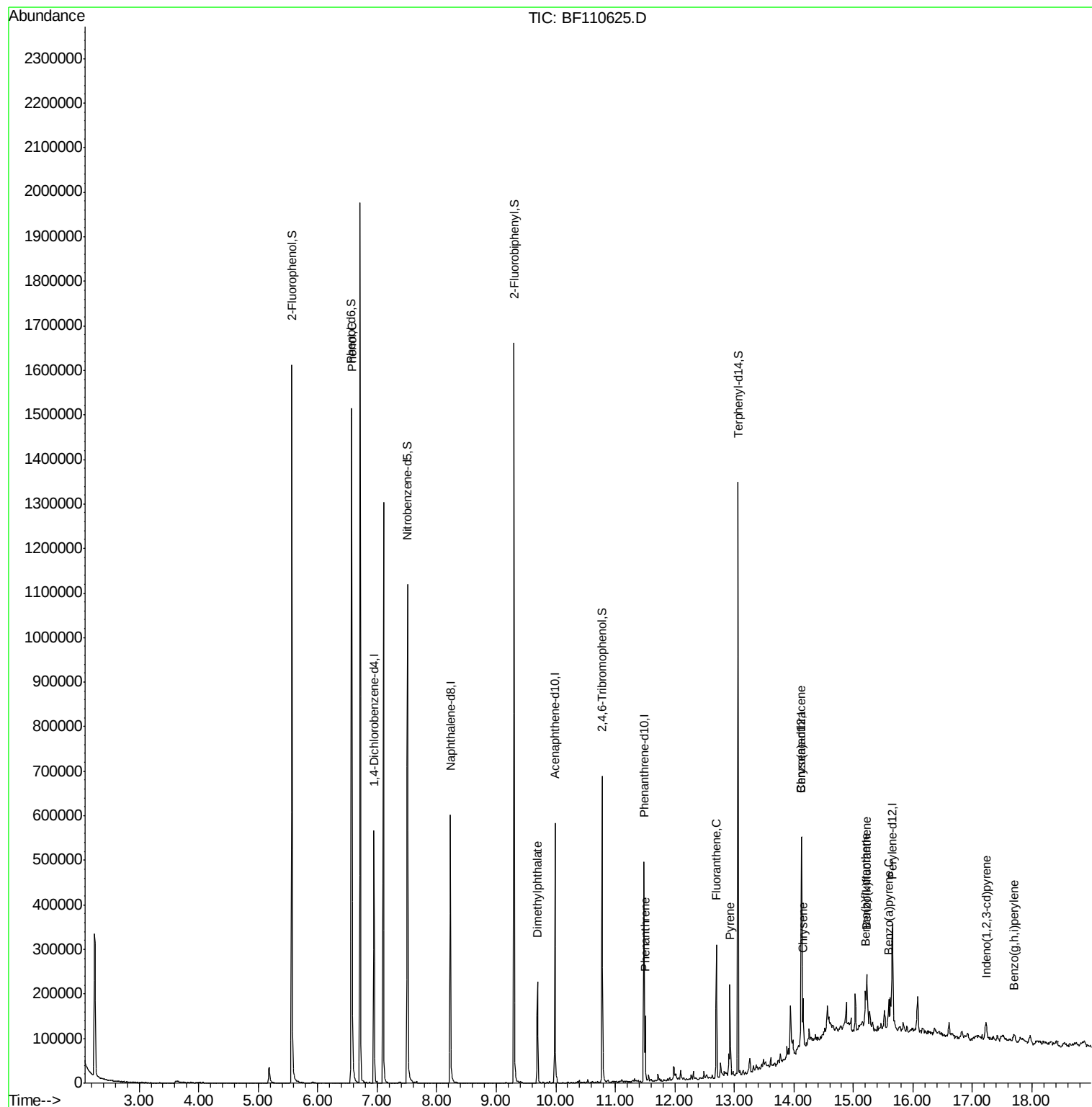
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110625.D
Acq On : 9 Nov 2018 14:08
Operator : JU/SJ
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#1

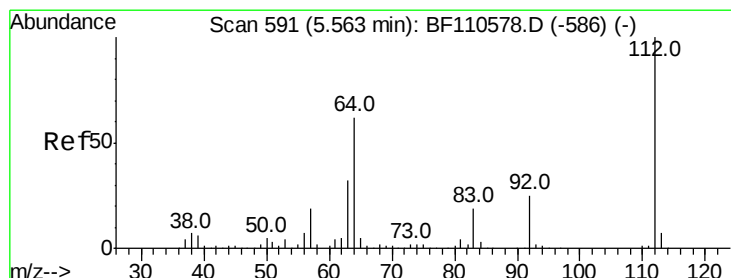
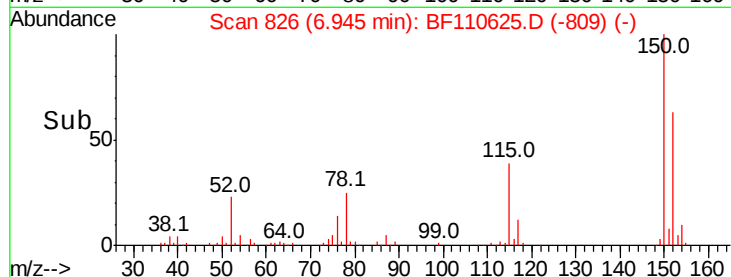
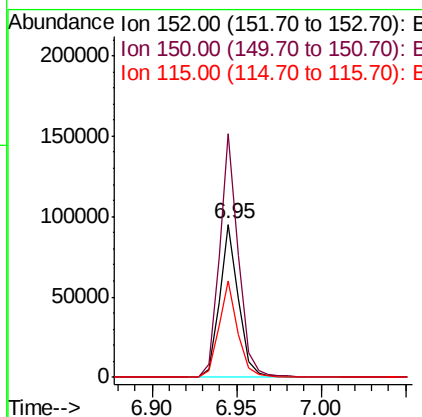
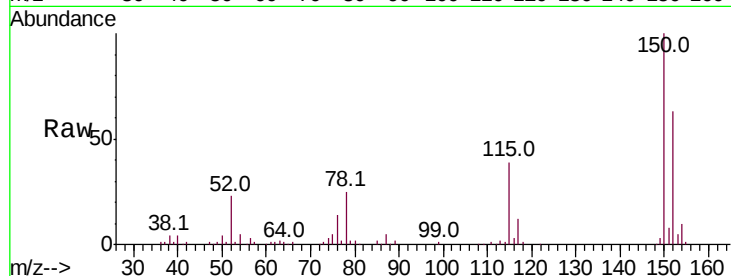
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Instrument :
BNA_F
ClientSampled :
TS-K

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	122.7	184.1
115	62.8	49.1	73.7

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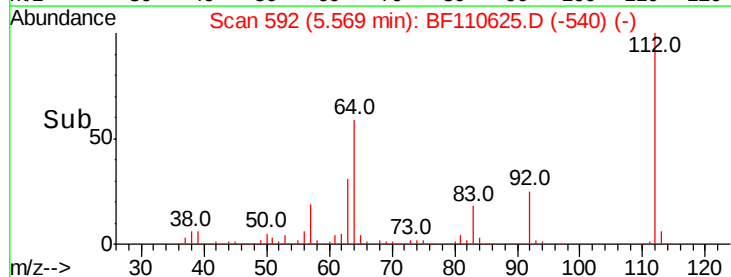
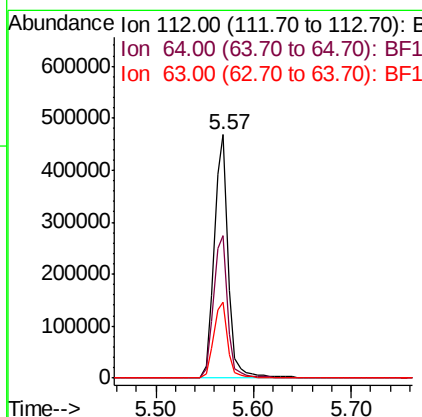
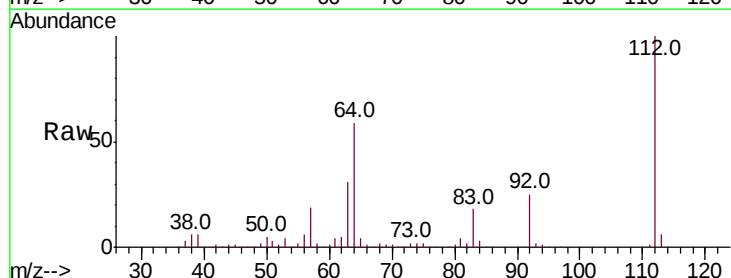
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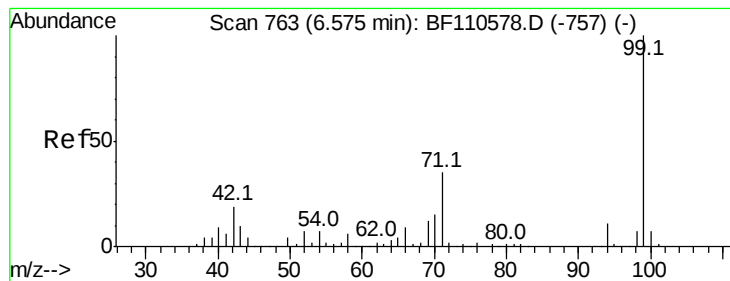


#5

2-Fluorophenol
Concen: 101.043 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	44.1	66.1
63	31.1	23.7	35.5





#7

Phenol-d6

Concen: 99.538 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110625.D

Acq: 9 Nov 2018 14:08

Instrument :

BNA_F

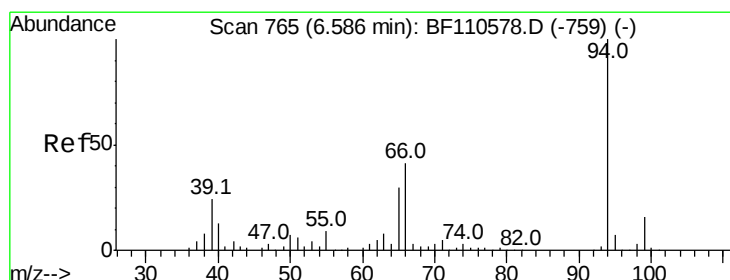
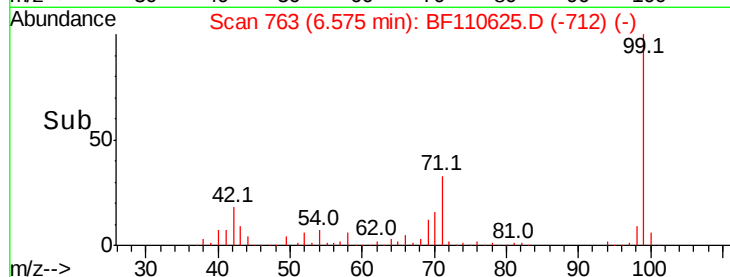
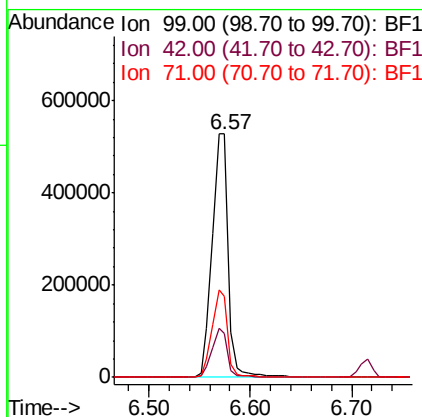
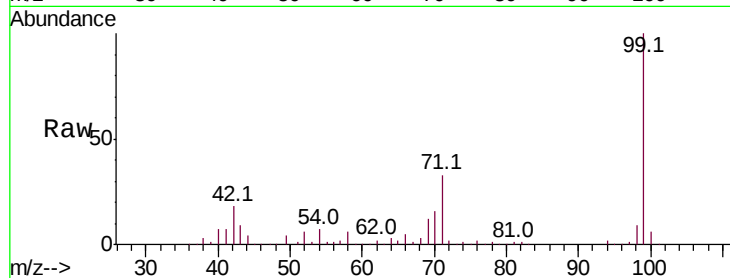
ClientSampleId :

TS-K

Tot Ion:	99	Resp:	587599
Ion Ratio	Lower	Upper	
99	100		
42	17.9	15.8	23.6
71	33.1	28.0	42.0

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#10

Phenol

Concen: 5.379 ng

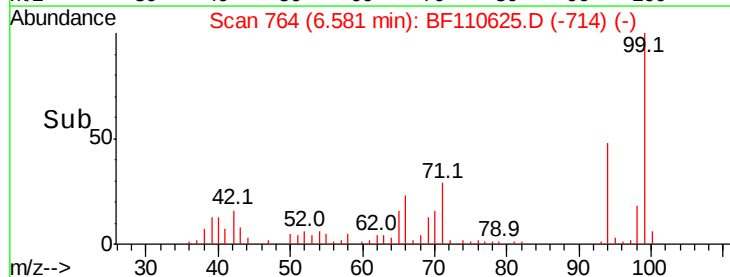
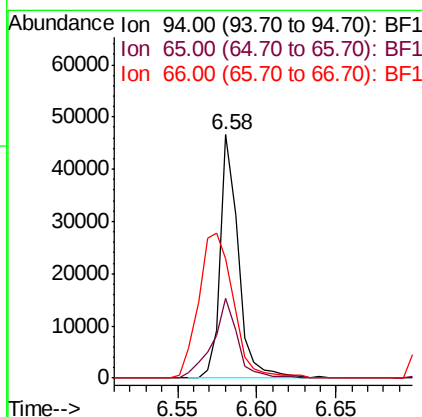
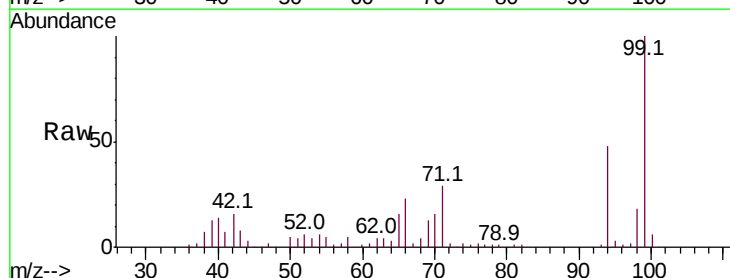
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110625.D

Acq: 9 Nov 2018 14:08

Tgt Ion:	94	Resp:	36822
Ion Ratio	Lower	Upper	
94	100		
65	32.7	25.3	65.3
66	48.9	54.5	94.5#





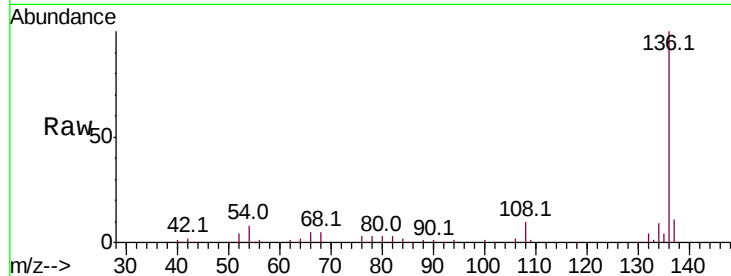
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Instrument :
BNA_F
ClientSampleId :
TS-K

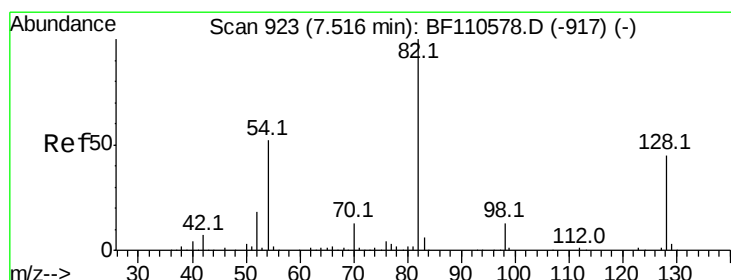
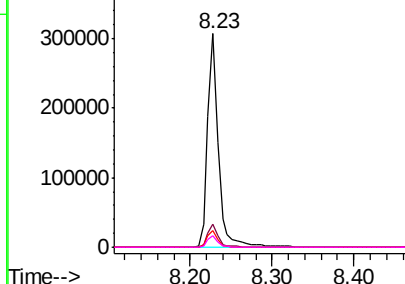
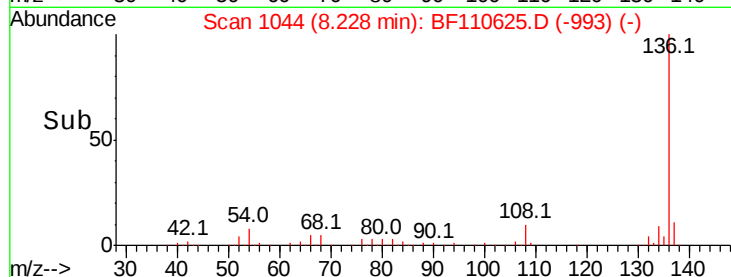
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	8.1	5.4	8.2	
68	5.2	4.2	6.2	

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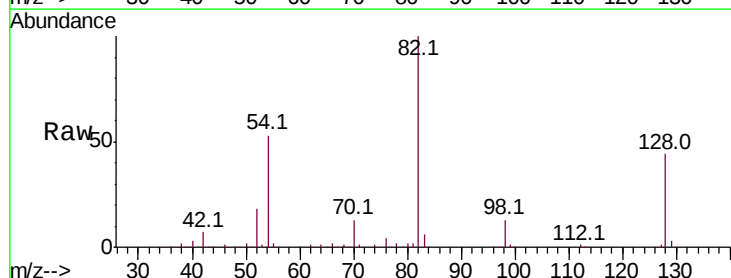


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

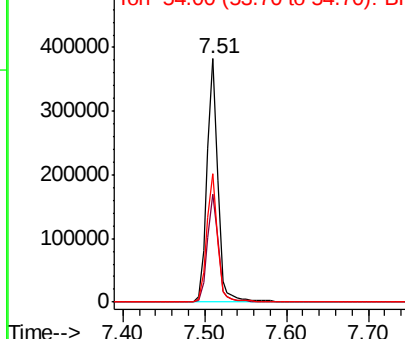
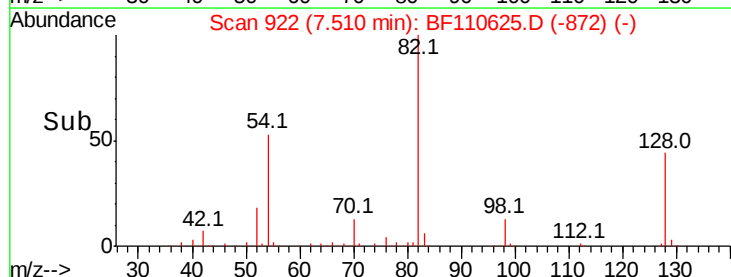


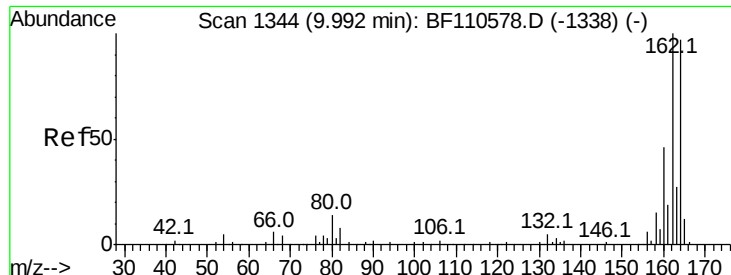
#23
Nitrobenzene-d5
Concen: 72.538 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.5	34.2	51.2	
54	52.7	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





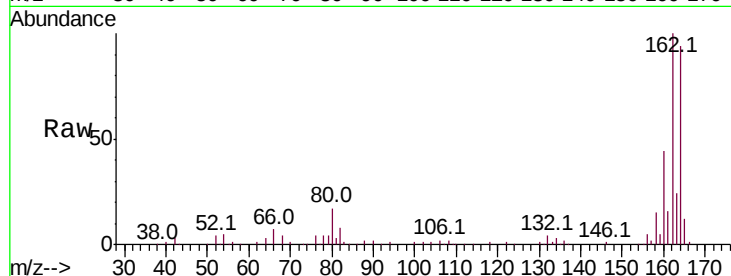
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Instrument :
BNA_F
ClientSampleId :
TS-K

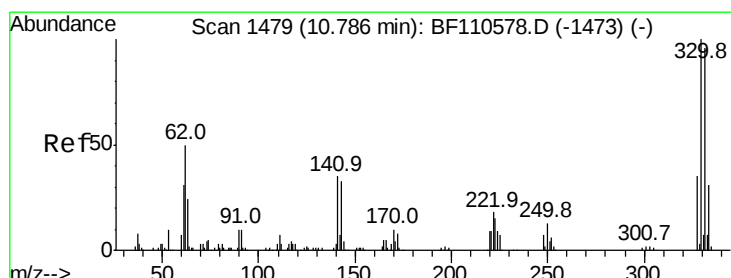
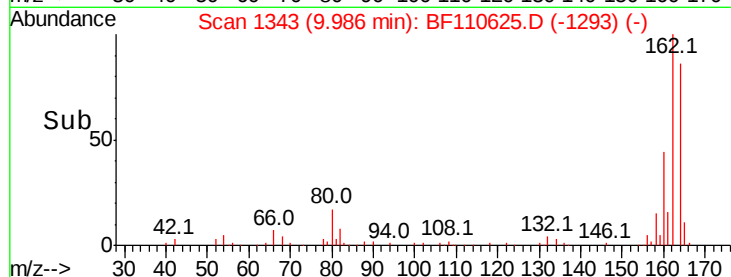
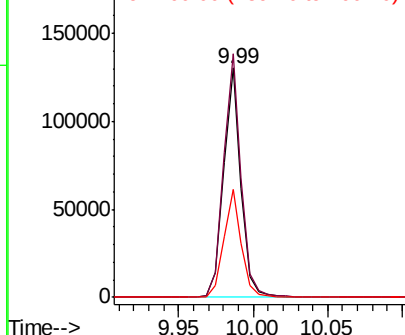
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.0	124.6
160	46.9	37.0	55.6

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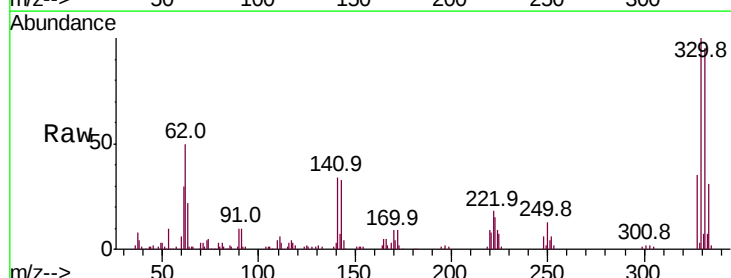


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

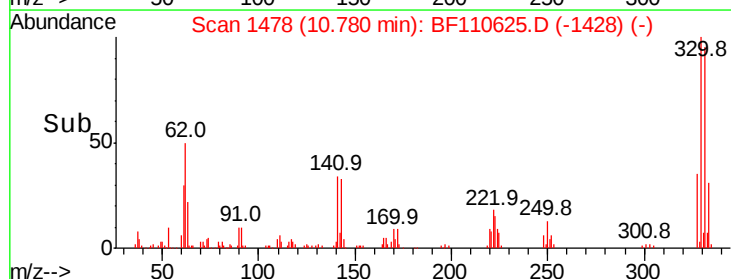
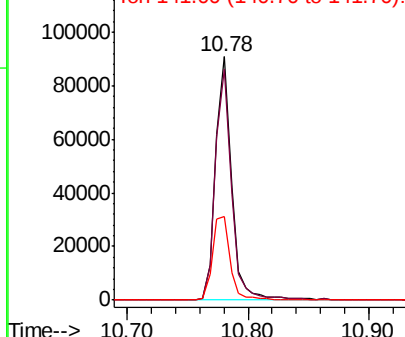


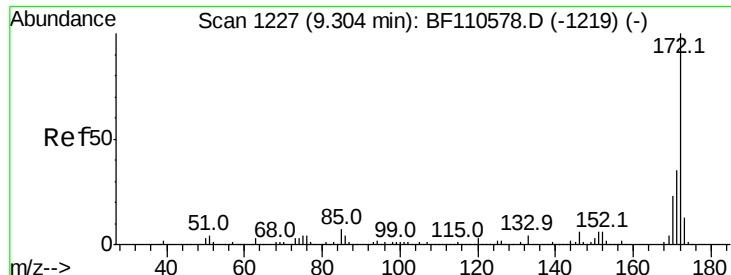
#42
2,4,6-Tribromophenol
Concen: 76.230 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.1	115.7
141	38.1	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





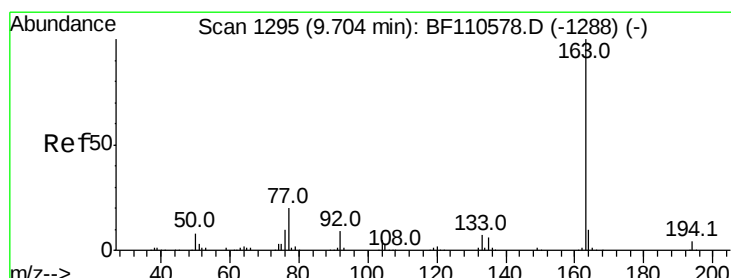
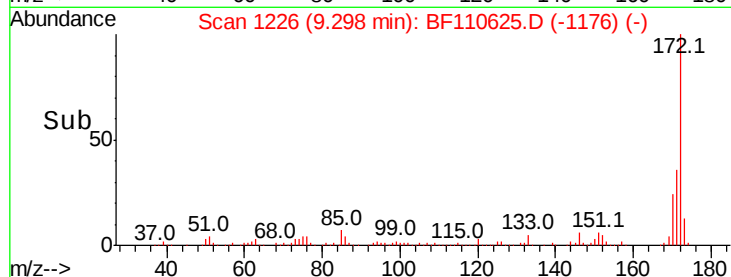
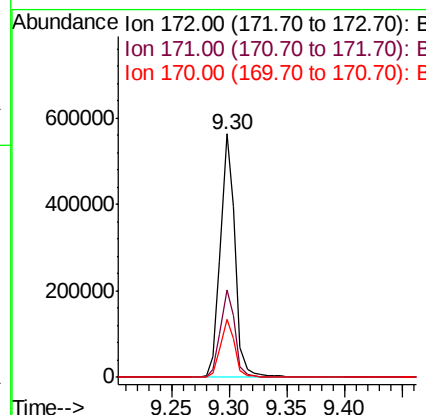
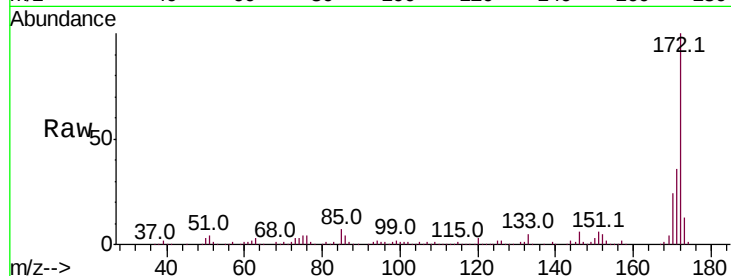
#45
2-Fluorobiphenyl
Concen: 65.976 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Instrument :
BNA_F
ClientSampled :
TS-K

Tot Ion	Ratio	Resp	Lower	Upper
172	100	496435		
171	35.8	28.6	43.0	
170	24.1	19.7	29.5	

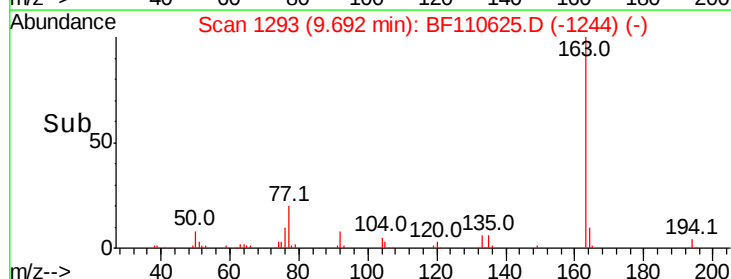
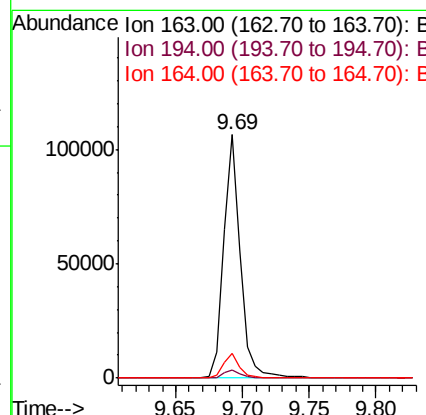
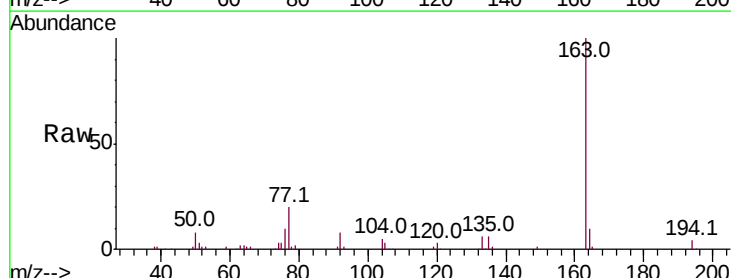
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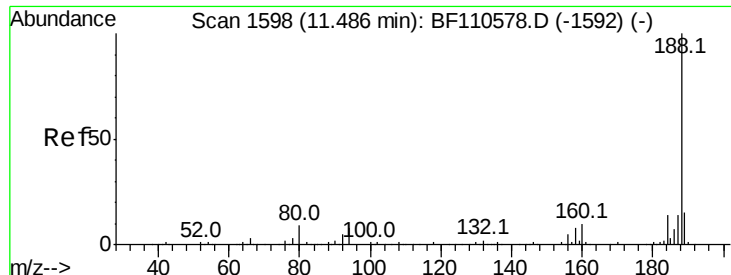
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#50
Dimethylphthalate
Concen: 11.764 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	94329		
194	3.6	3.2	4.8	
164	10.1	8.1	12.1	





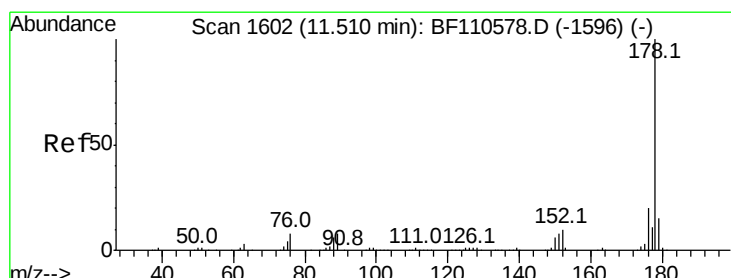
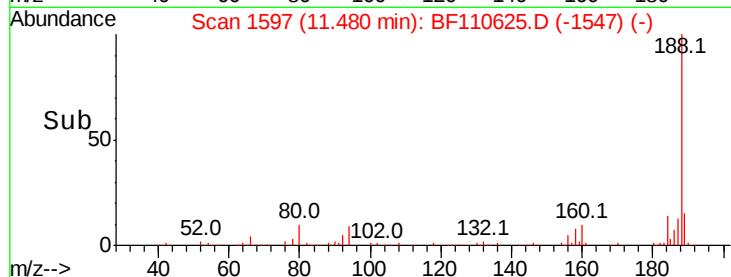
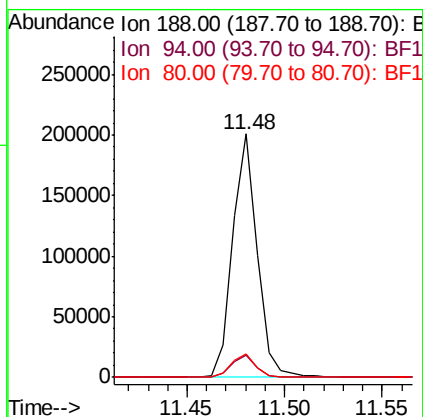
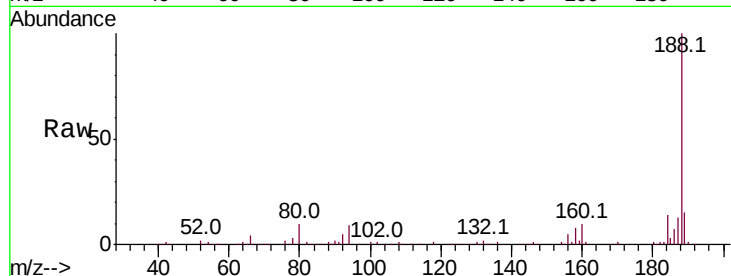
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Instrument :
BNA_F
ClientSampleId :
TS-K

Tot Ion	Ratio	Resp	Lower	Upper
188	100	175172		
94	8.9		7.2	10.8
80	9.5		7.9	11.9

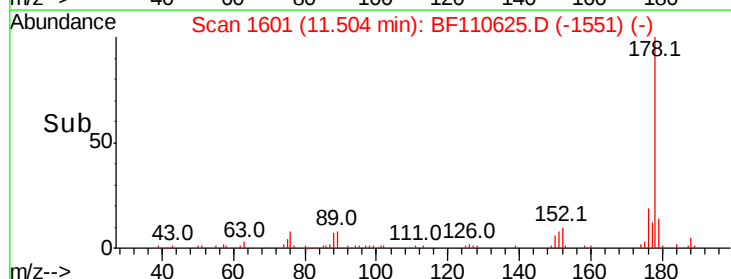
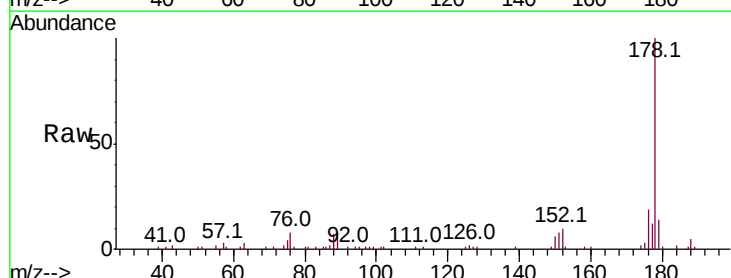
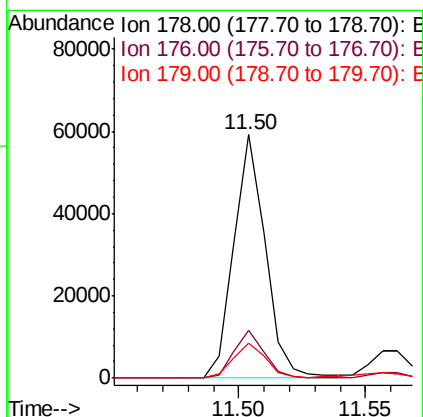
Manual Integrations
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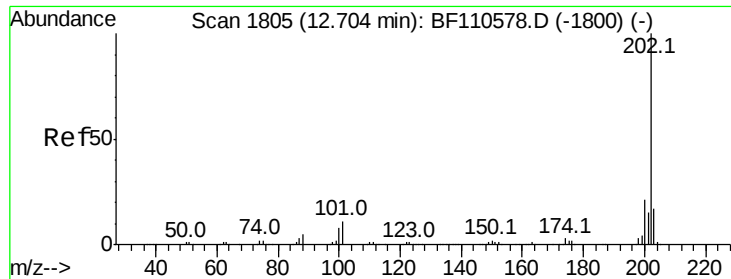
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#71
Phenanthrene
Concen: 5.468 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	51316		
176	19.4		15.5	23.3
179	14.1		12.5	18.7





#75

Fluoranthene

Concen: 11.782 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110625.D

Acq: 9 Nov 2018 14:08

Instrument :

BNA_F

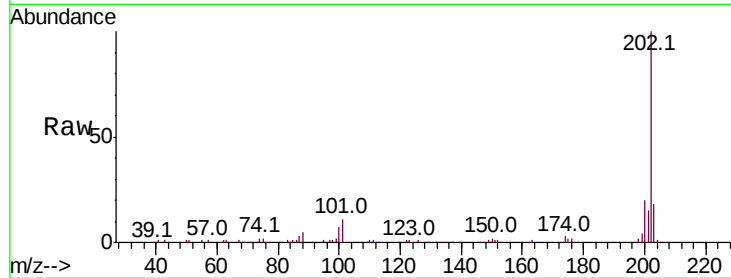
ClientSampleId :

TS-K

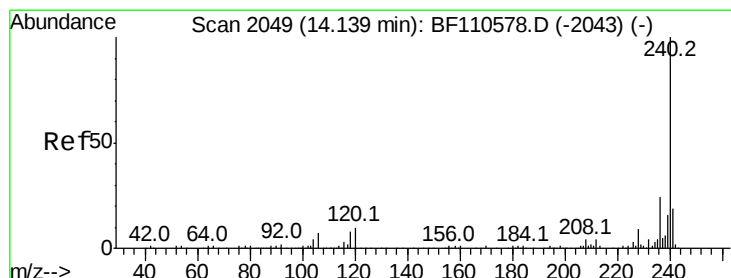
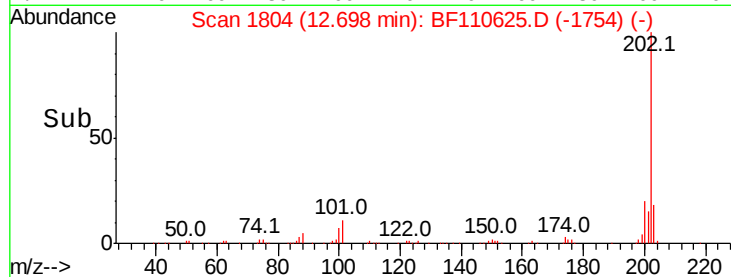
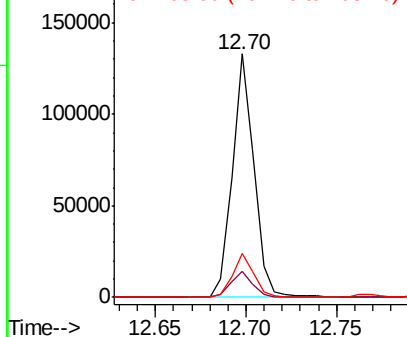
Tot Ion:	202	Resp:	110859
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.4
203	17.9	0.0	37.7

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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

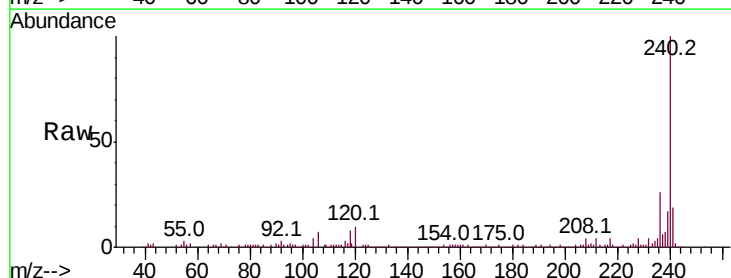
RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

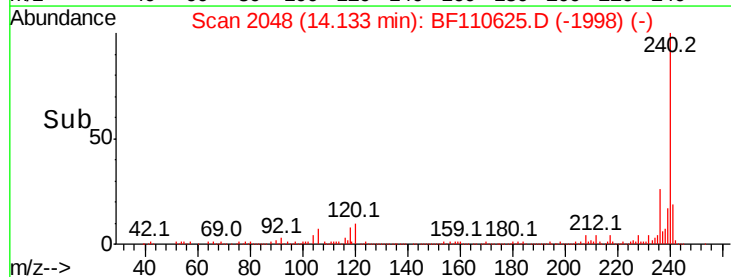
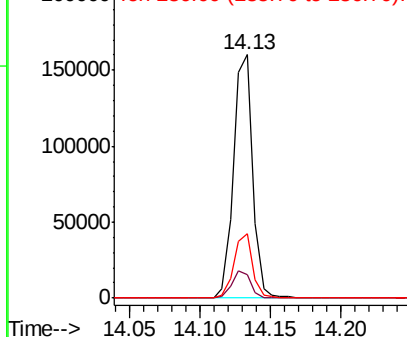
Lab File: BF110625.D

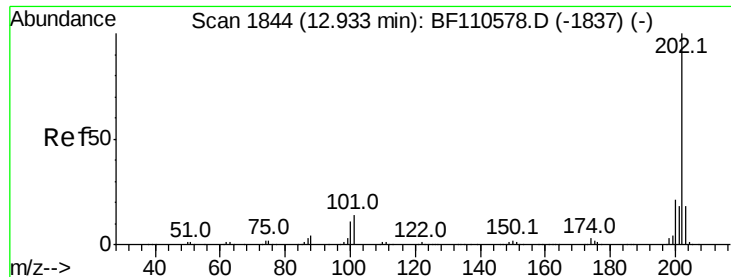
Acq: 9 Nov 2018 14:08

Tgt Ion:	240	Resp:	151092
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.3	12.5
236	26.2	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





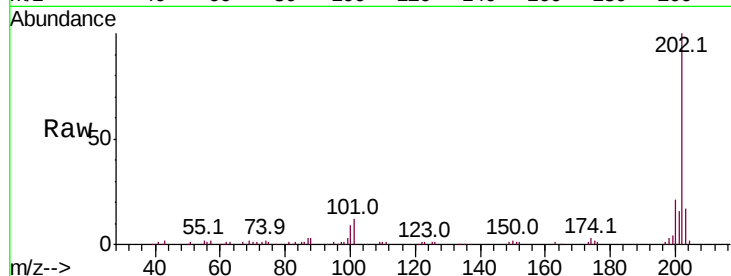
#78
Pvrene
Concen: 7.379 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Instrument :
BNA_F
ClientSampled :
TS-K

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.8	26.6
203	17.3	14.2	21.4

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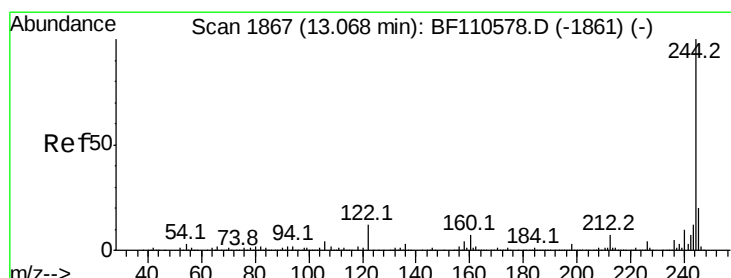
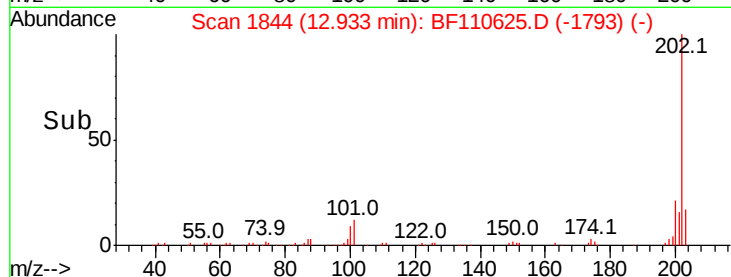
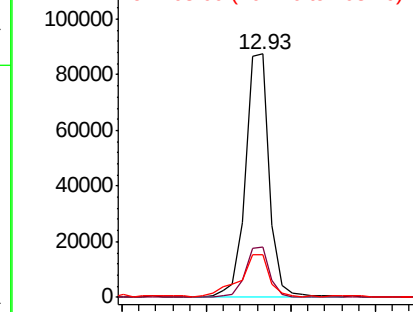


Abundance

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: 49.543 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

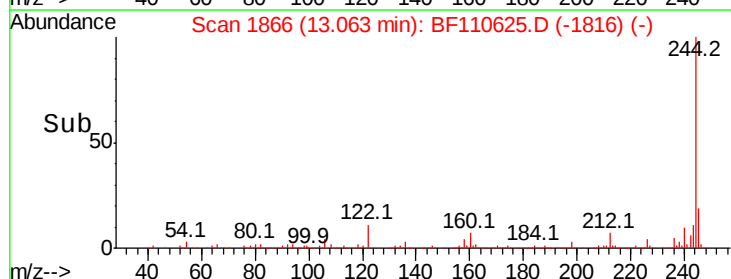
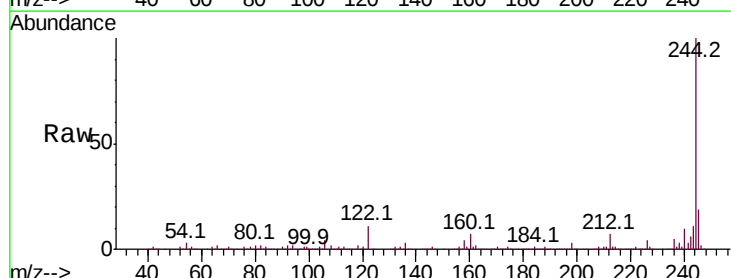
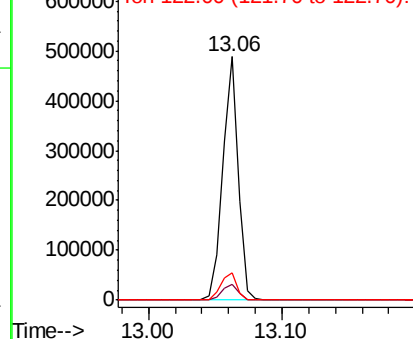
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.4	8.7	13.1

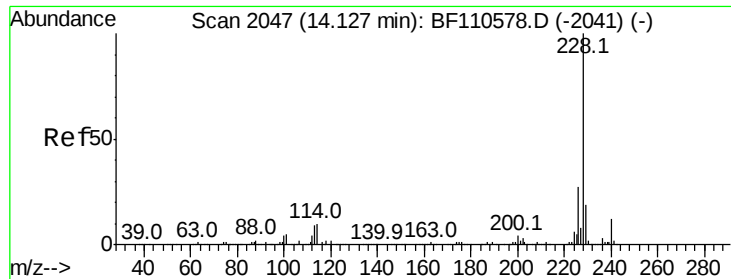
Abundance

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: 3.997 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110625.D

Acq: 9 Nov 2018 14:08

Instrument :

BNA_F

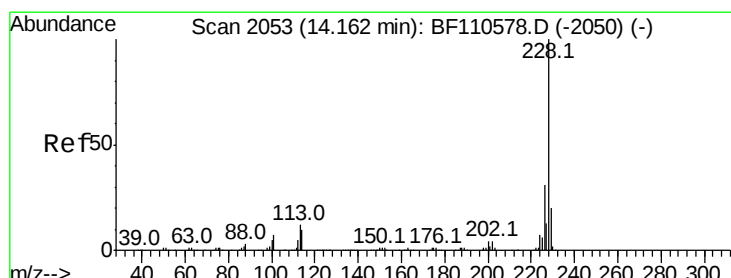
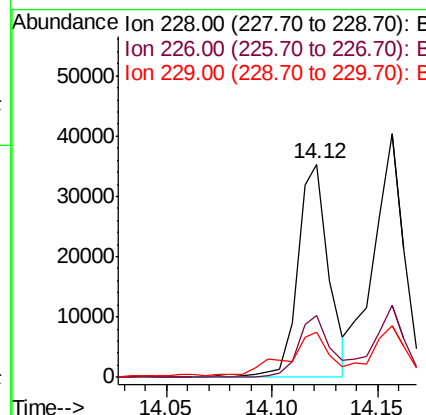
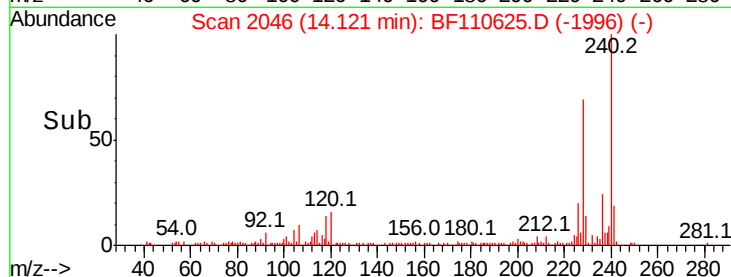
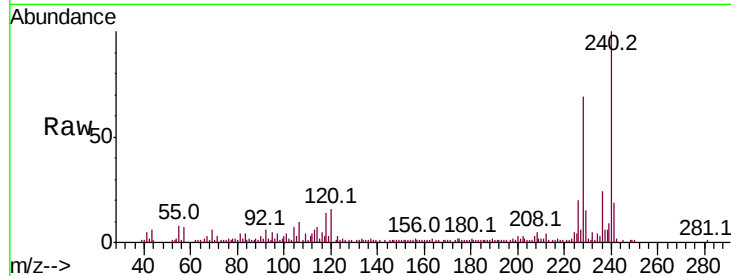
ClientSampled :

TS-K

Tot Ion:228	Resp:	36098
Ion Ratio	Lower	Upper
228 100		
226 29.2	22.1	33.1
229 21.4	15.6	23.4

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#83

Chrysene

Concen: 4.799 ng

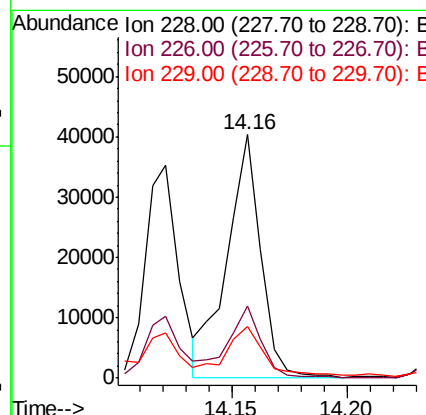
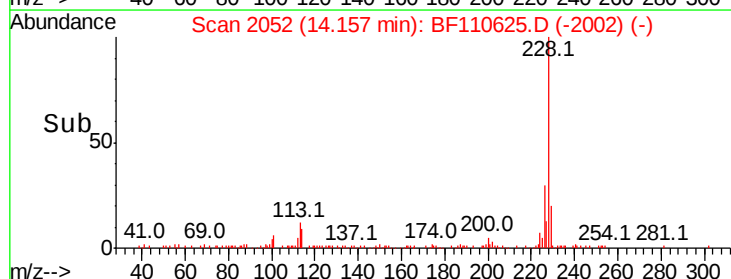
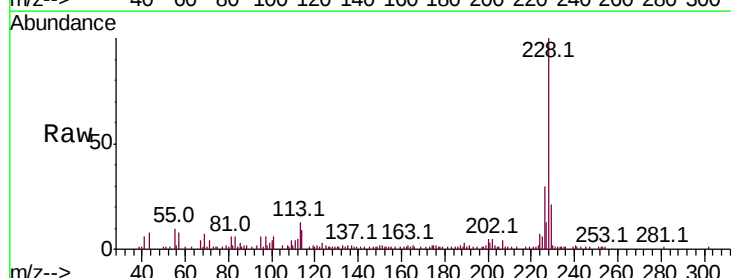
RT: 14.16 min Scan# 2052

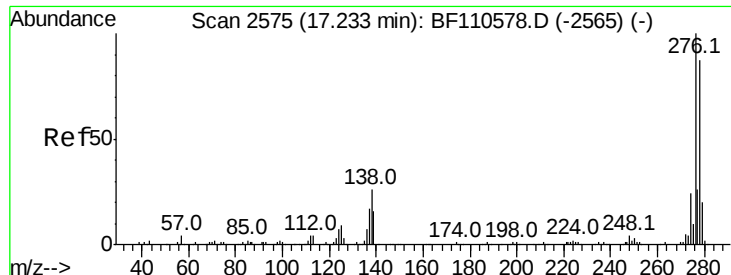
Delta R.T. -0.01 min

Lab File: BF110625.D

Acq: 9 Nov 2018 14:08

Tgt Ion:228	Resp:	41289
Ion Ratio	Lower	Upper
228 100		
226 29.6	24.7	37.1
229 21.1	15.9	23.9





#86

Indeno(1,2,3-cd)pyrene

Concen: 2.650 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BF110625.D

Acq: 9 Nov 2018 14:08

Instrument :

BNA_F

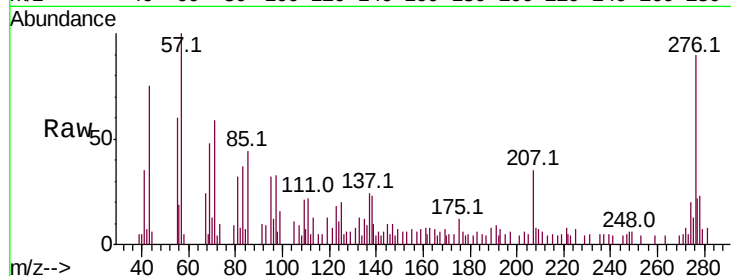
ClientSampled :

TS-K

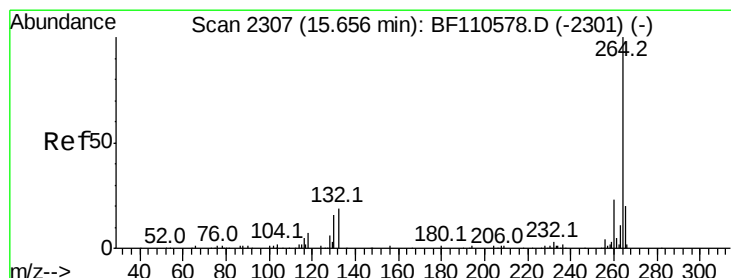
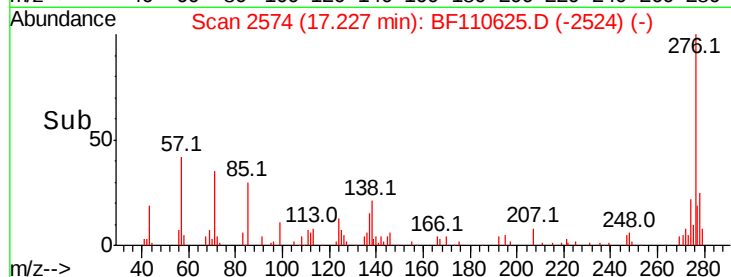
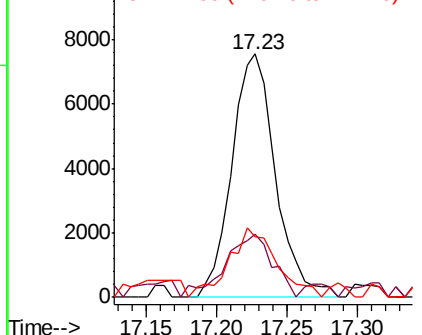
Tot Ion:	276	Resp:	16364
Ion Ratio	Lower	Upper	
276	100		
138	28.0	18.5	27.7#
277	30.9	20.0	30.0#

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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



#87

Perylene-d12

Concen: 20.000 ng

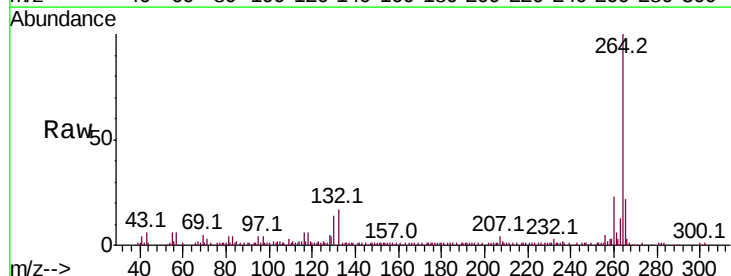
RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

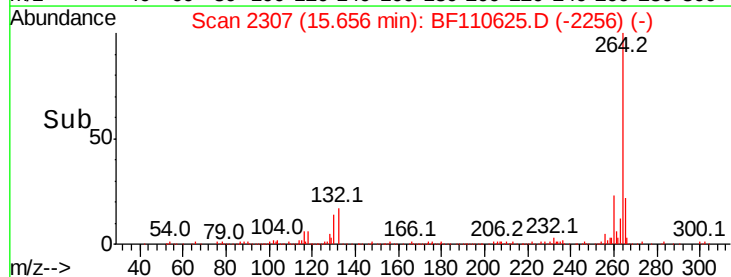
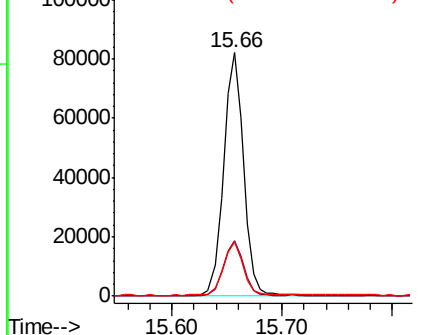
Lab File: BF110625.D

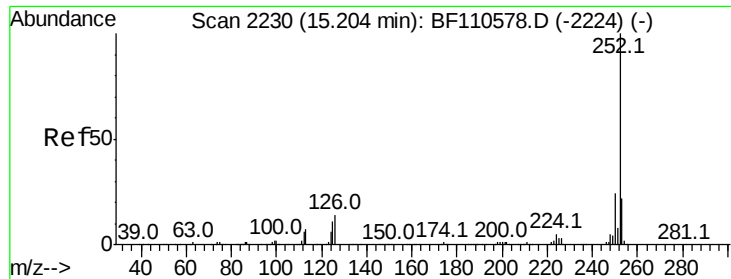
Acq: 9 Nov 2018 14:08

Tgt Ion:	264	Resp:	104342
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.7	28.1
265	22.0	16.7	25.1



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





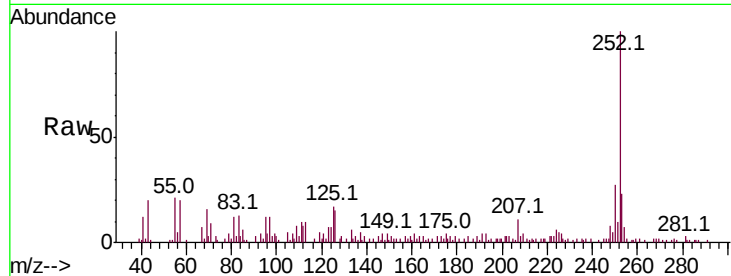
#88
Benzo(b)fluoranthene
Concen: 6.535 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Instrument :
BNA_F
ClientSampleId :
TS-K

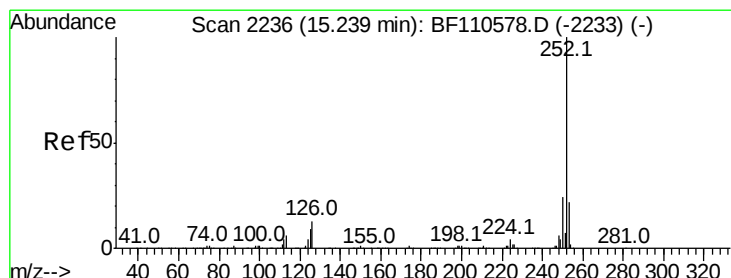
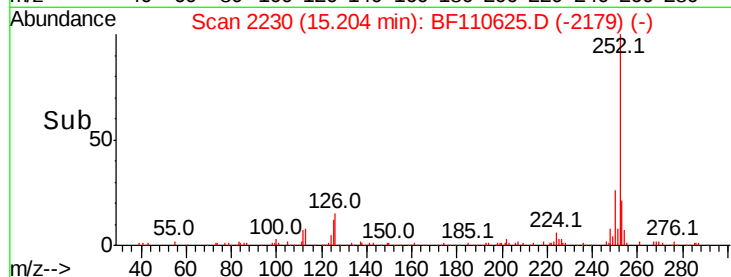
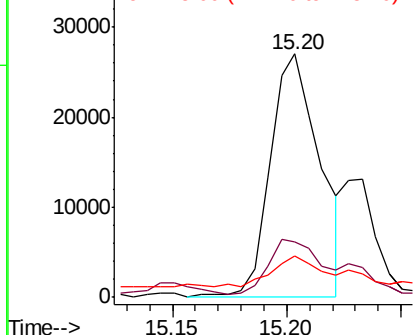
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	17.1	8.2	12.4

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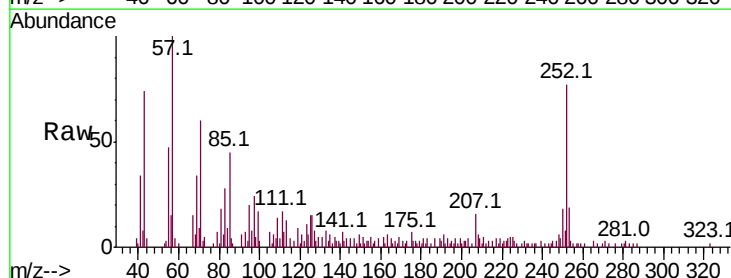


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

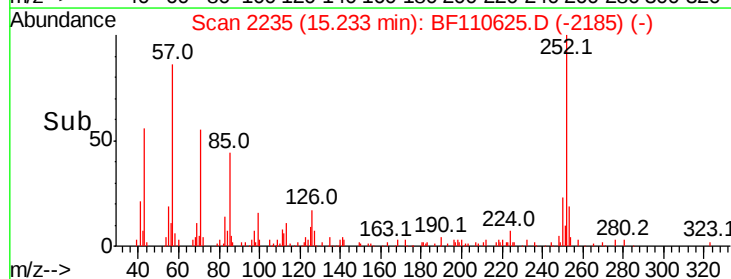
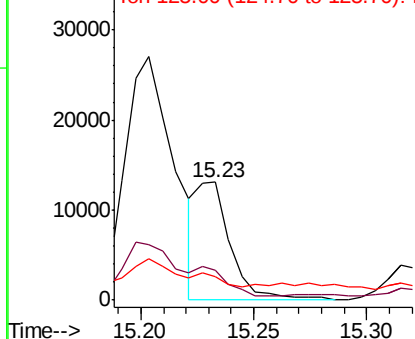


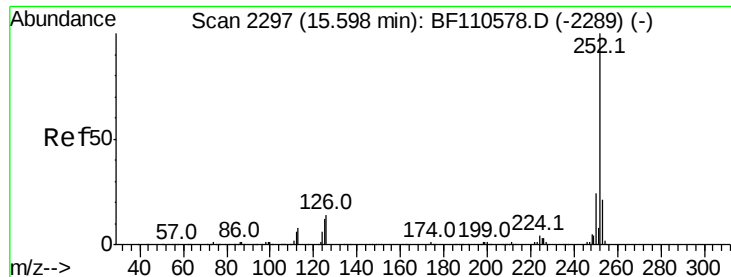
#89
Benzo(k)fluoranthene
Concen: 2.219 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	20.1	7.4	11.0



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





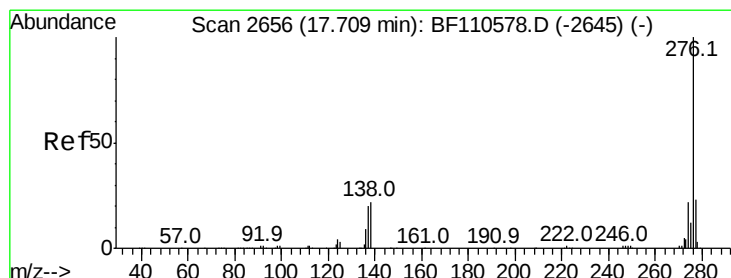
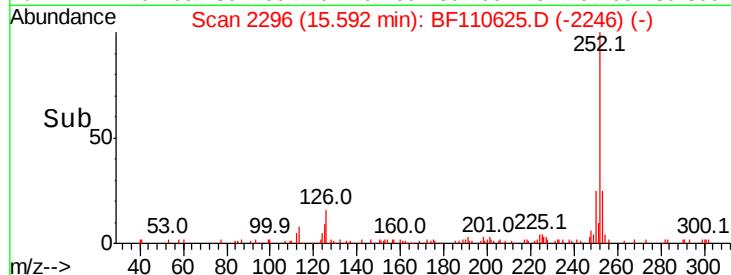
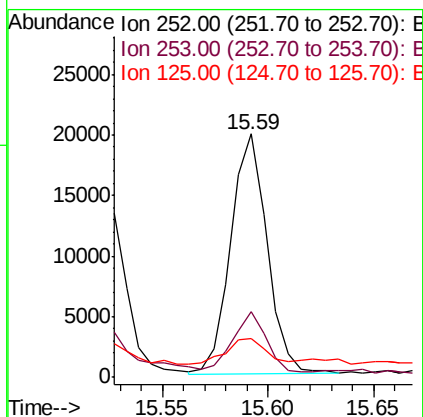
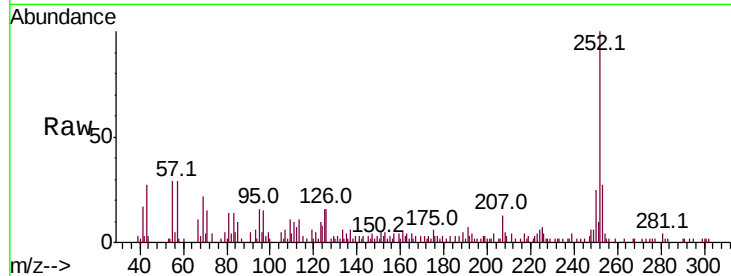
#90
Benzo(a)pyrene
Concen: 4.169 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Instrument :
BNA_F
ClientSampled :
TS-K

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.2	27.4
125	16.2	9.0	13.6

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#92
Benzo(g,h,i)perylene
Concen: 3.269 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.00 min
Lab File: BF110625.D
Acq: 9 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.8	28.2
138	22.0	16.0	24.0

