

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110570.D
 Acq On : 7 Nov 2018 21:55
 Operator : JU/SJ
 Sample : J5813-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-K

Manual Integrations
 APPROVED

Sohil
 11/9/2018 1:35:20 PM

Quant Time: Nov 09 10:52:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 10:28:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	60157	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	217602	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	88549	20.00	ng	-0.01
64) Phenanthrene-d10	11.49	188	166230	20.00	ng	0.00
76) Chrysene-d12	14.14	240	151952	20.00	ng	0.00
87) Perylene-d12	15.67	264	100465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	379524	102.74	ng	0.00
7) Phenol-d6	6.57	99	459757	97.30	ng	-0.01
23) Nitrobenzene-d5	7.52	82	272676	74.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	85592	97.58	ng	-0.01
45) 2-Fluorobiphenyl	9.31	172	405035	71.83	ng	0.00
79) Terphenyl-d14	13.07	244	393357	53.84	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	28872	5.716	ng	Qvalue # 70
50) Dimethylphthalate	9.70	163	74037	11.327	ng	99
71) Phenanthrene	11.52	178	48619	5.590	ng	99
75) Fluoranthene	12.70	202	108960	12.343	ng	100
78) Pyrene	12.94	202	86243	7.917	ng	96
81) Benzo(a)anthracene	14.13	228	38421	4.264	ng	97
83) Chrysene	14.16	228	39666	4.635	ng	97
86) Indeno(1,2,3-cd)pyrene	17.24	276	15195	2.140	ng	# 83
88) Benzo(b)fluoranthene	15.22	252	41964m	7.233	ng	
89) Benzo(k)fluoranthene	15.24	252	13127m	2.302	ng	
90) Benzo(a)pyrene	15.60	252	24857	4.656	ng	# 92
92) Benzo(a,h,i)perylene	17.73	276	14963	3.297	ng	# 91

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

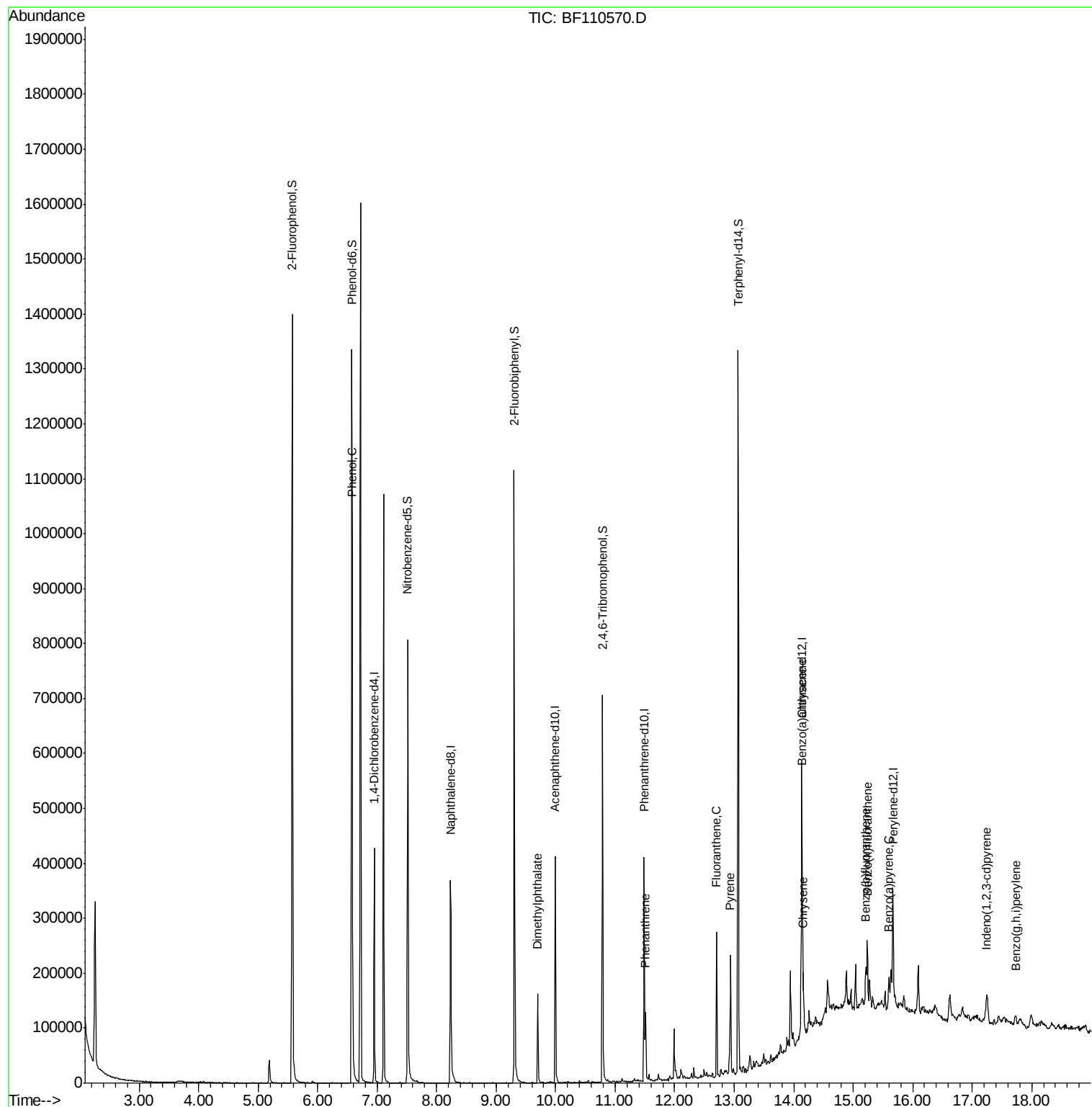
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
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Sample : J5813-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

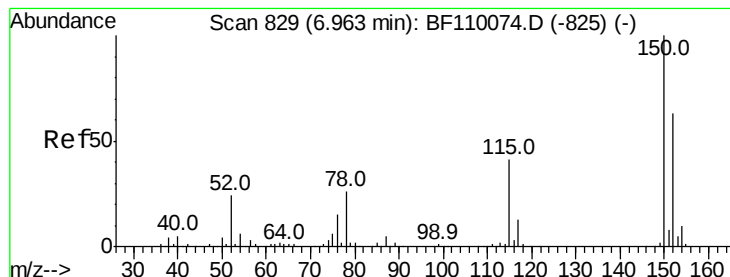
Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

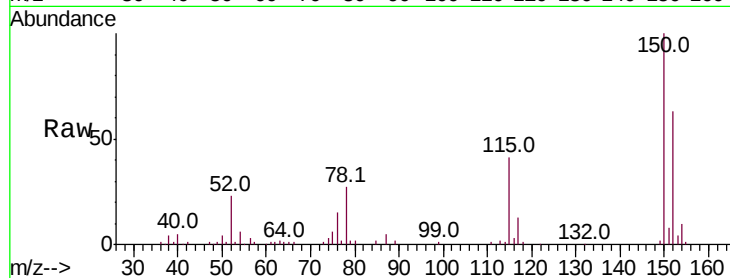
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampled :
TS-K

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	65.8	49.1	73.7

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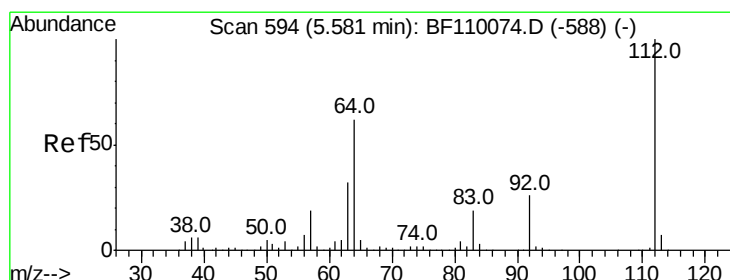
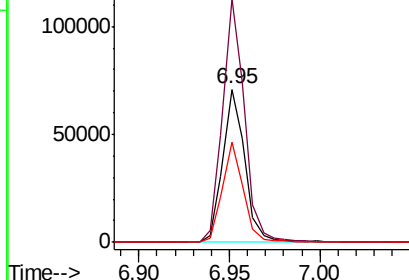
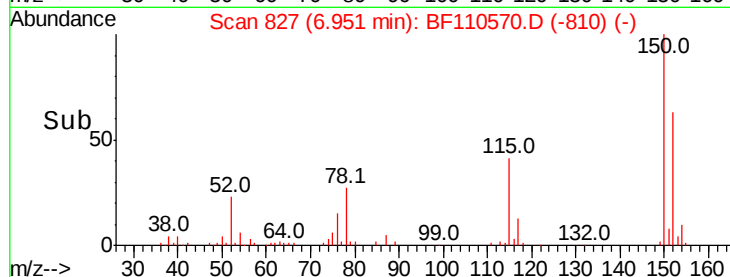


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

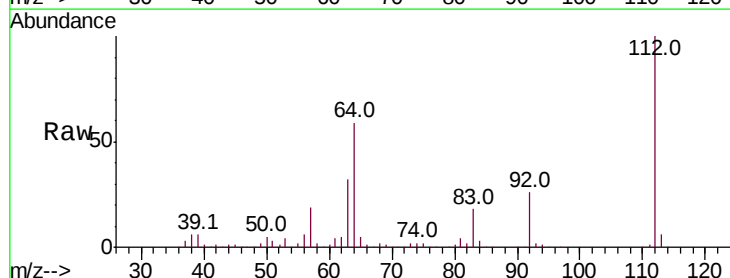
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.737 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	32.0	23.7	35.5

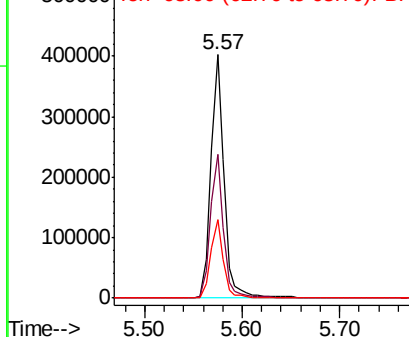
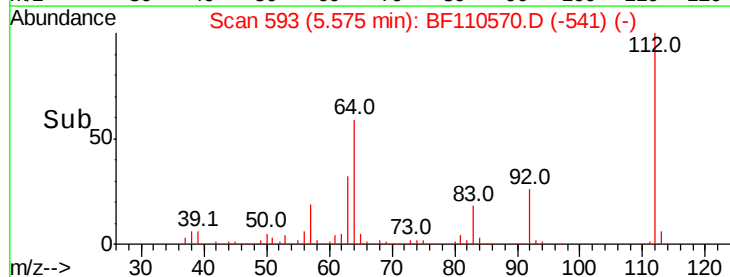


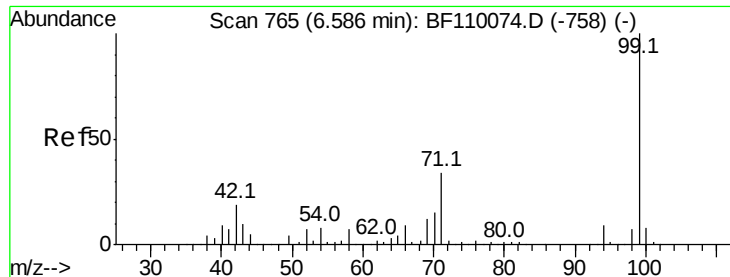
Abundance

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: 97.302 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110570.D

Acq: 7 Nov 2018 21:55

Instrument :

BNA_F

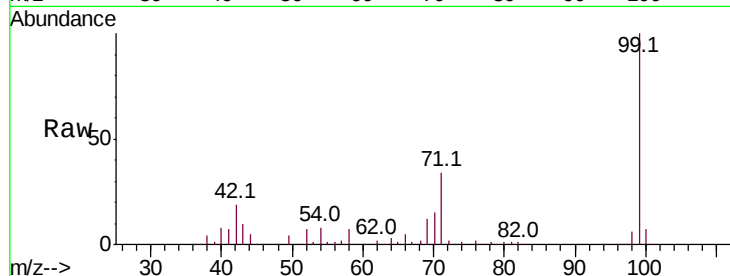
ClientSampled :

TS-K

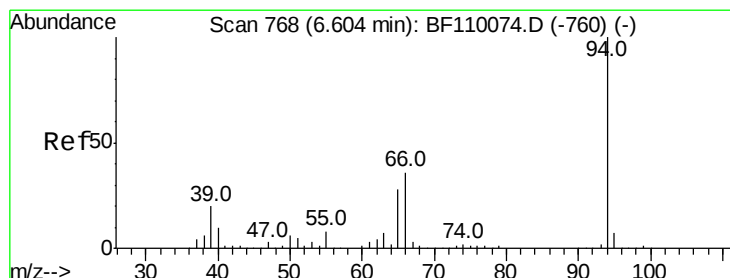
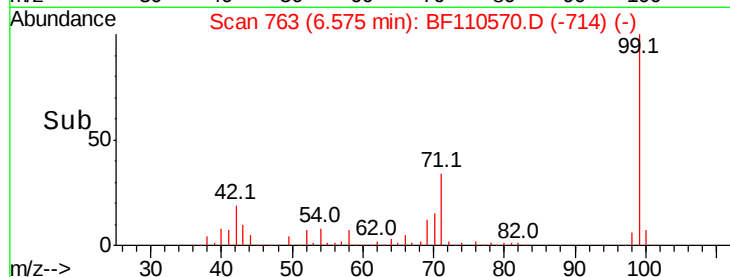
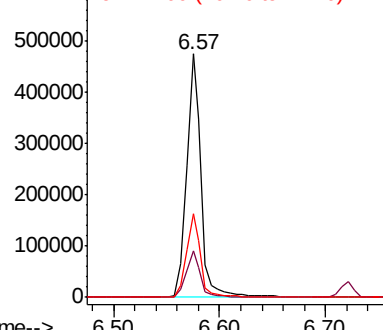
Tot Ion:	99	Resp:	459757
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.8	23.6
71	34.5	28.0	42.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.716 ng

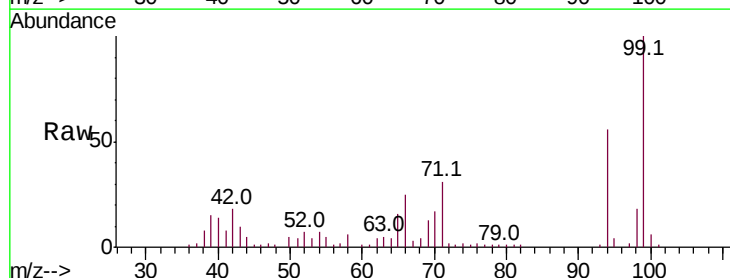
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

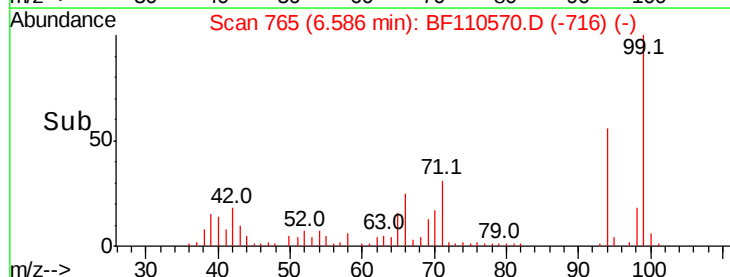
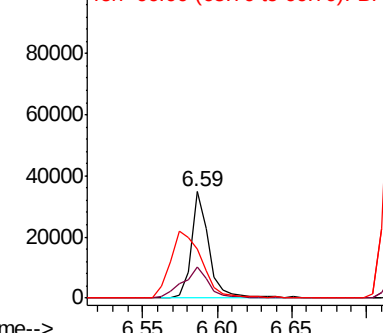
Lab File: BF110570.D

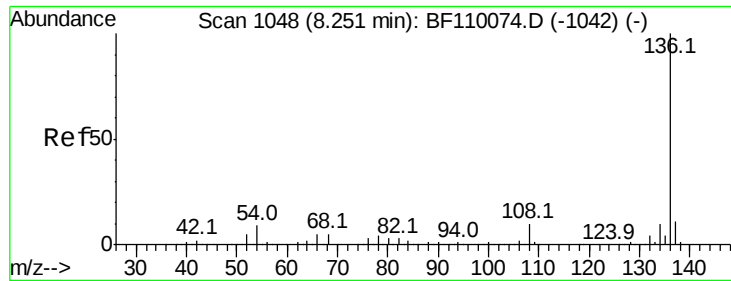
Acq: 7 Nov 2018 21:55

Tgt Ion:	94	Resp:	28872
Ion Ratio	Lower	Upper	
94	100		
65	29.4	25.3	65.3
66	45.6	54.5	94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF110570.D

Acq: 7 Nov 2018 21:55

Instrument :

BNA_F

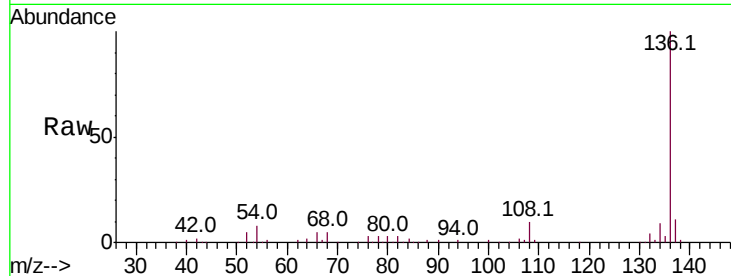
ClientSampled :

TS-K

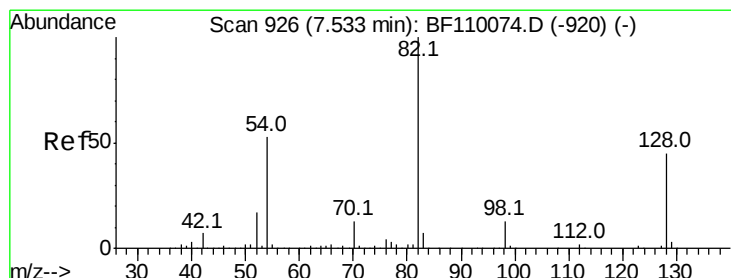
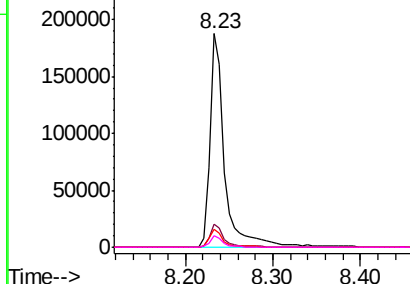
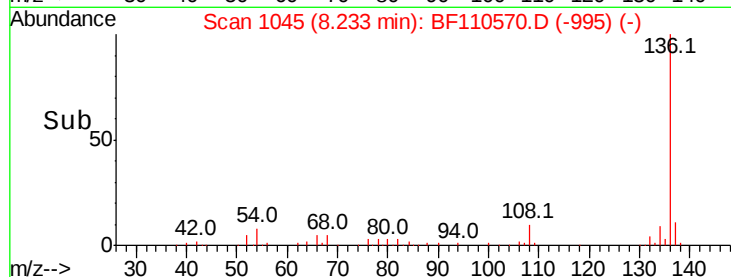
Tot Ion	Ratio	Resp	Lower	Upper
136	100	217602		
137	10.7		8.8	13.2
54	8.4		5.4	8.2#
68	5.4		4.2	6.2

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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: 74.325 ng

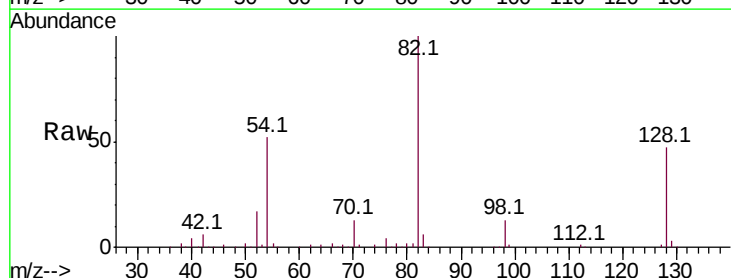
RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

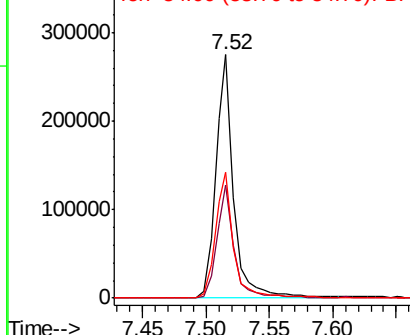
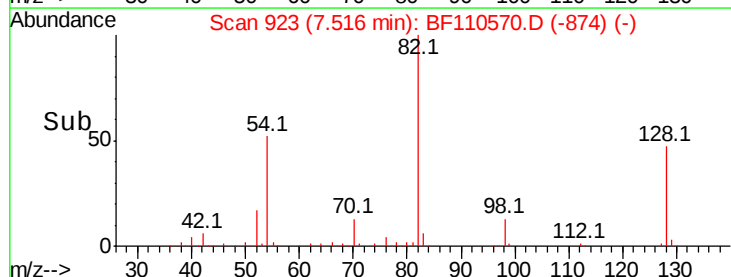
Lab File: BF110570.D

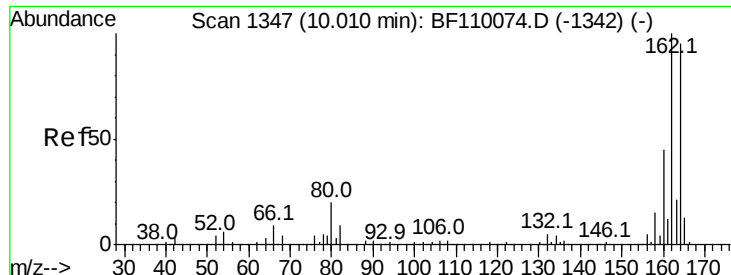
Acq: 7 Nov 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	272676		
128	46.6		34.2	51.2
54	51.9		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





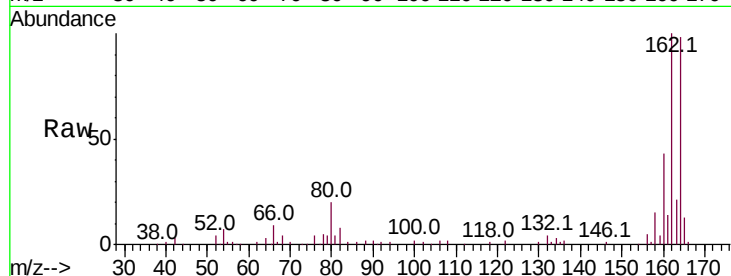
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :
TS-K

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	43.9	37.0	55.6

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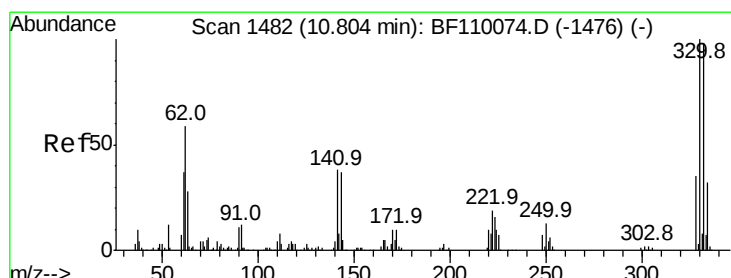
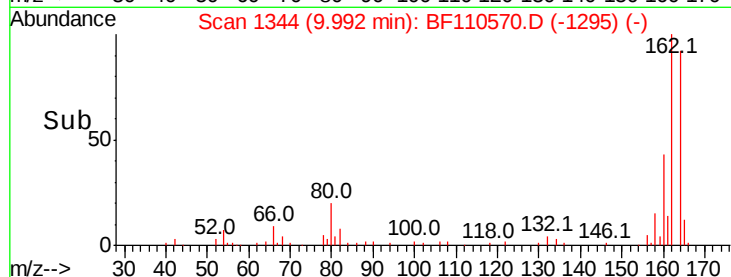
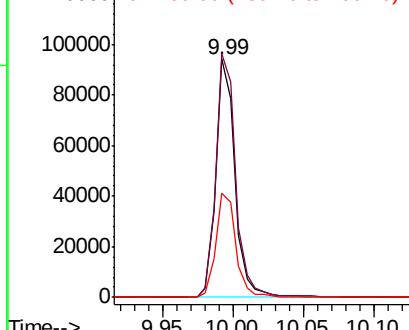


Abundance

Ion 164.00 (163.70 to 164.70): E

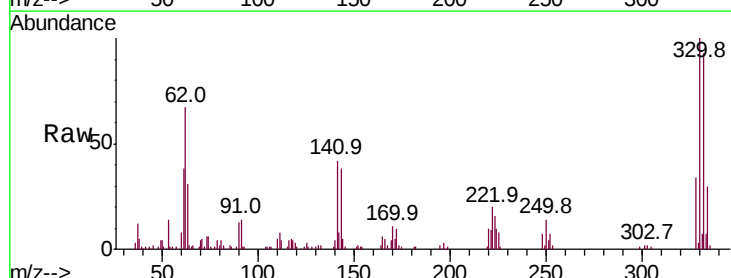
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 97.581 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	37.3	27.0	40.4

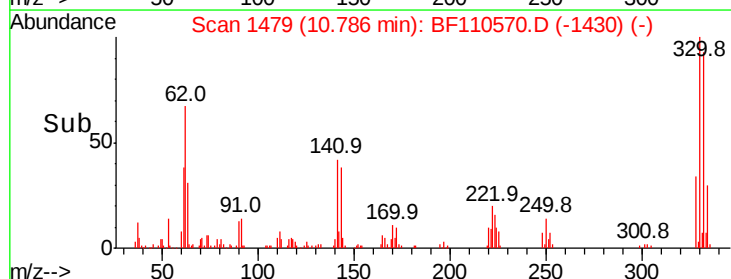
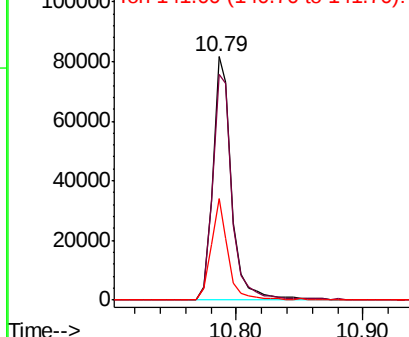


Abundance

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





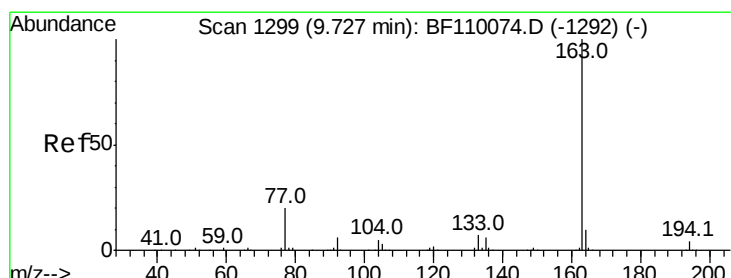
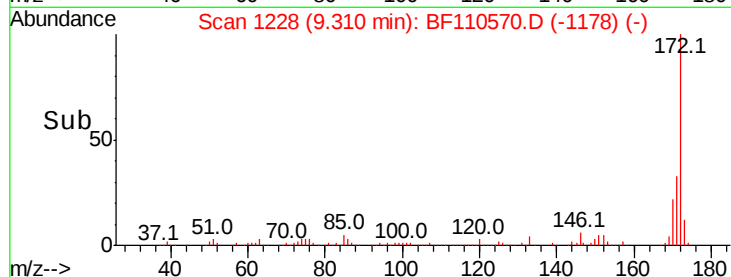
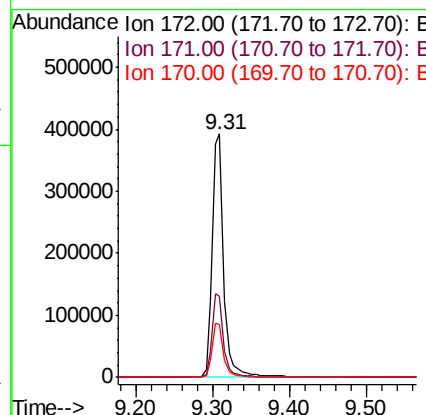
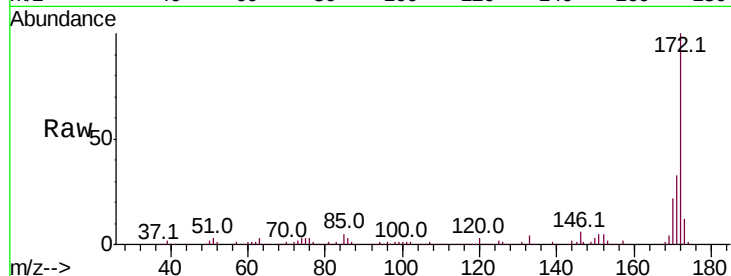
#45
2-Fluorobiphenyl
Concen: 71.826 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampled :
TS-K

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.6	43.0
170	21.7	19.7	29.5

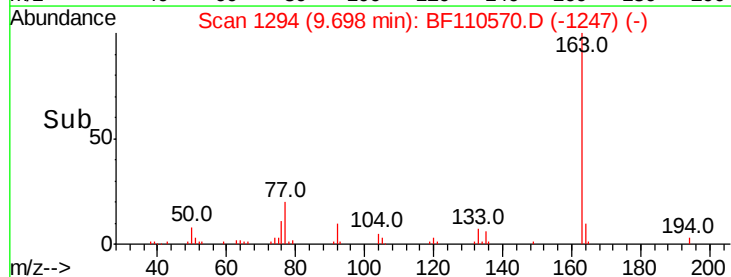
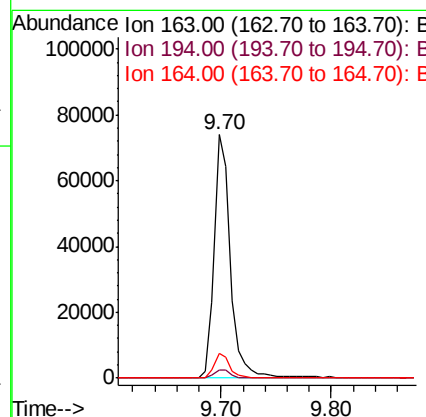
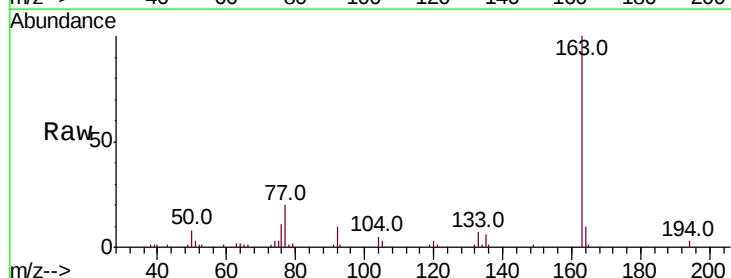
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#50
Dimethylphthalate
Concen: 11.327 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.1	8.1	12.1





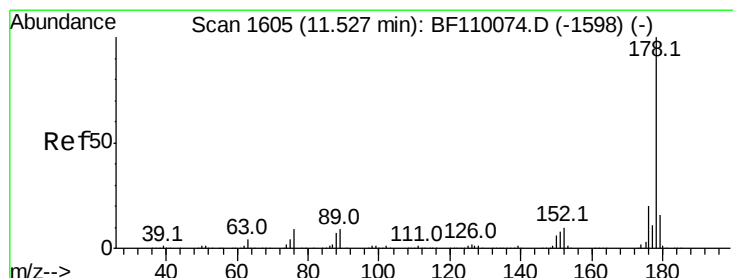
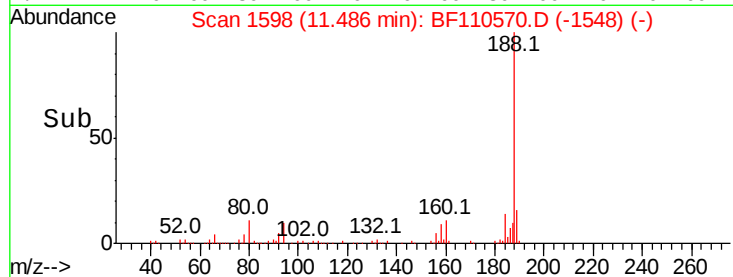
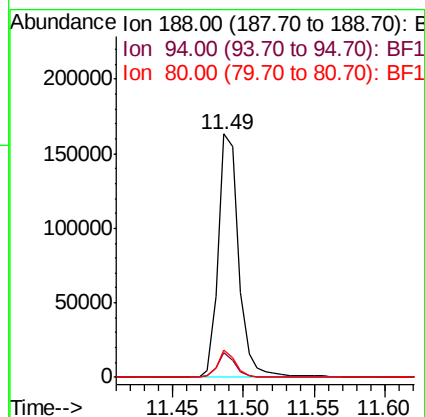
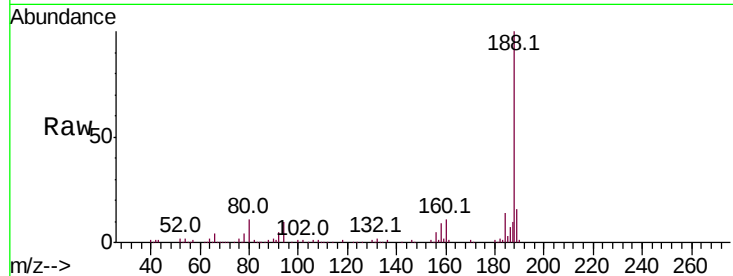
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :
TS-K

Tot Ion	Ratio	Resp	Lower	Upper
188	100	166230		
94	9.9	7.2	10.8	
80	11.2	7.9	11.9	

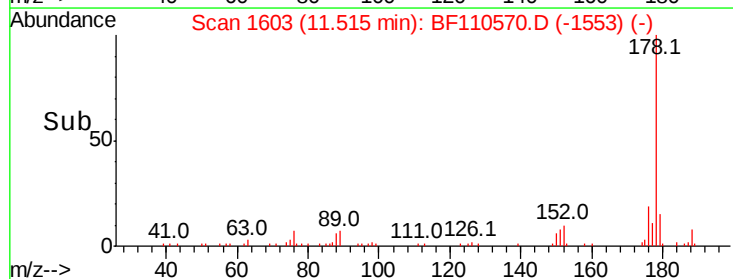
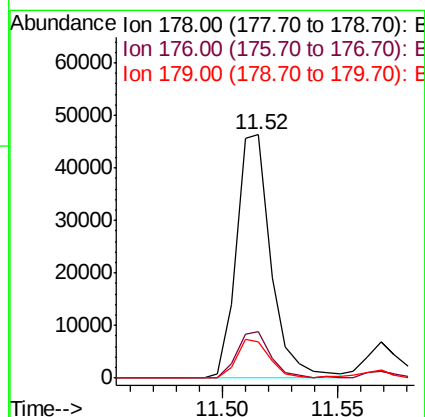
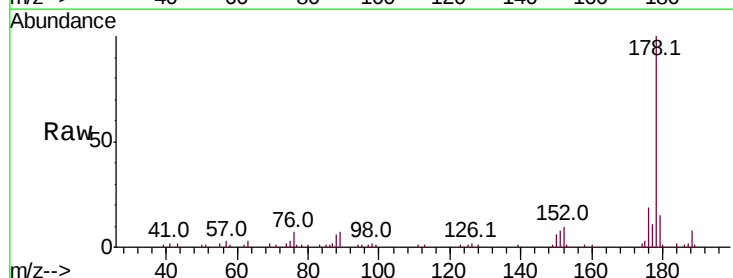
Manual Integrations
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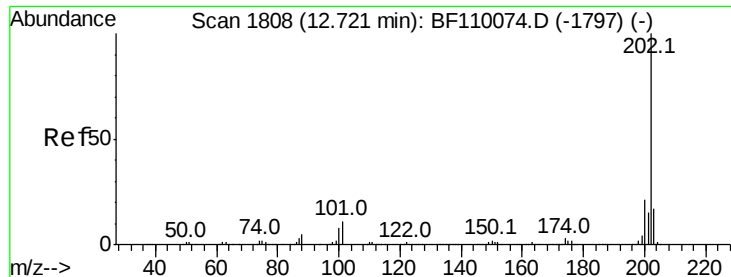
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#71
Phenanthrene
Concen: 5.590 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	48619		
176	19.0	15.5	23.3	
179	15.1	12.5	18.7	





#75

Fluoranthene

Concen: 12.343 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110570.D

Acq: 7 Nov 2018 21:55

Instrument :

BNA_F

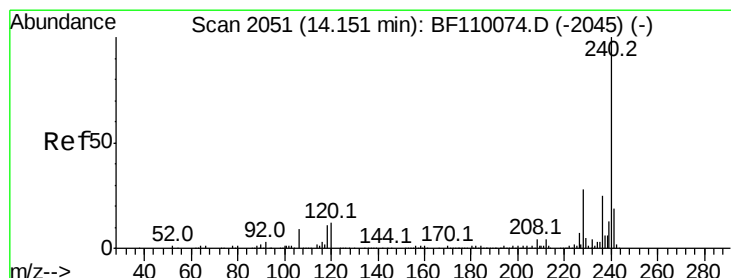
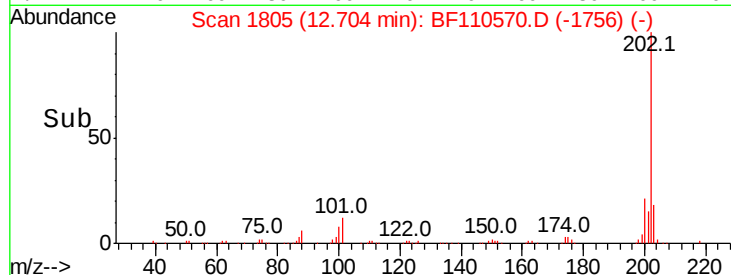
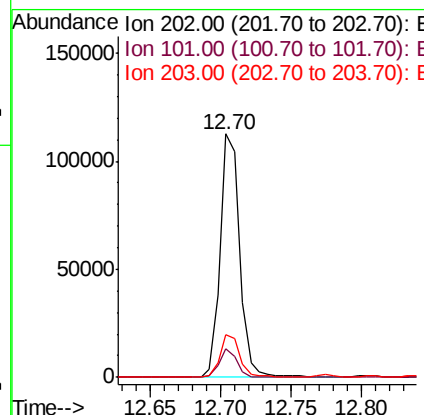
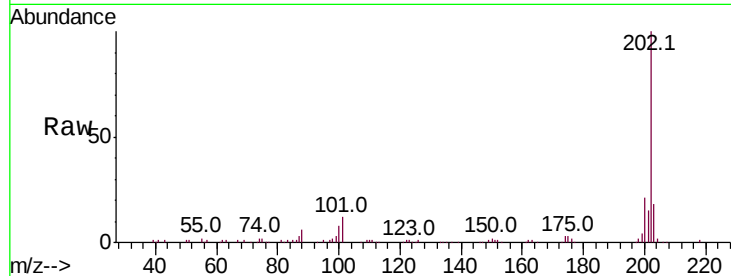
ClientSampleId :

TS-K

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.8	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

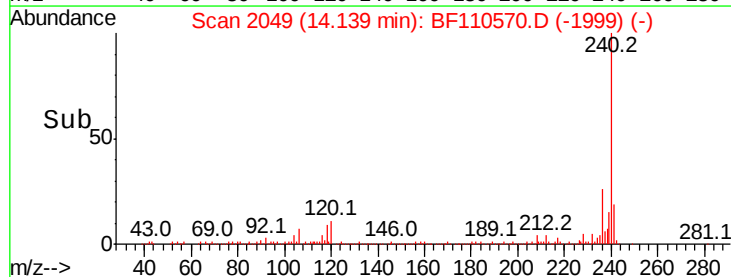
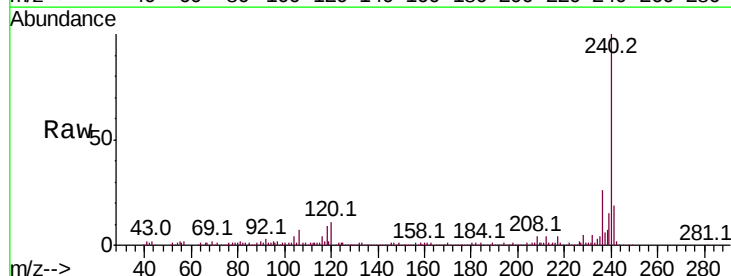
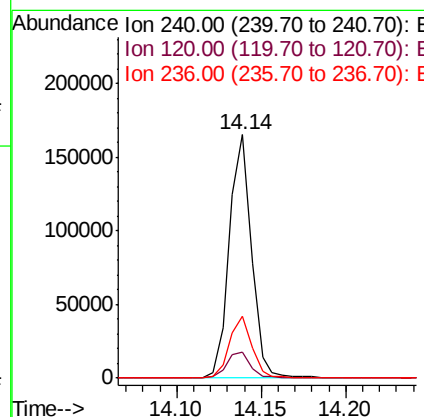
RT: 14.14 min Scan# 2049

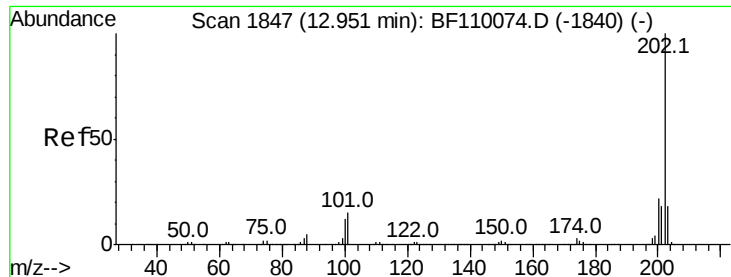
Delta R.T. -0.01 min

Lab File: BF110570.D

Acq: 7 Nov 2018 21:55

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.5	8.3	12.5
236	25.6	21.2	31.8





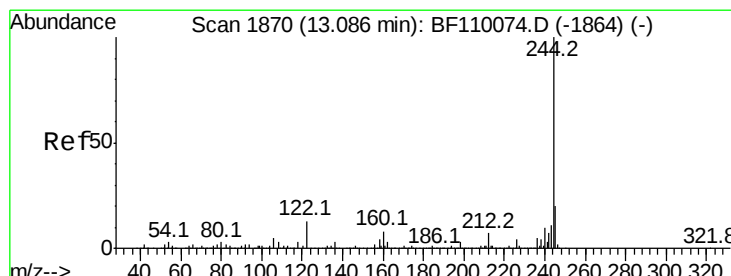
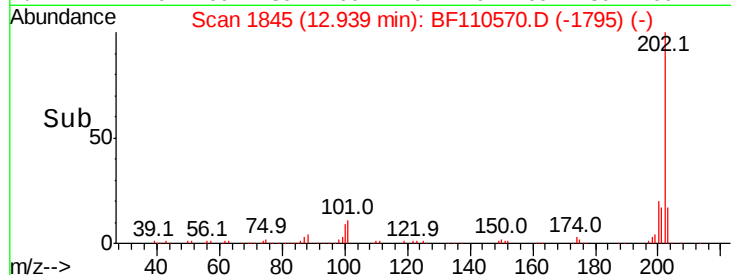
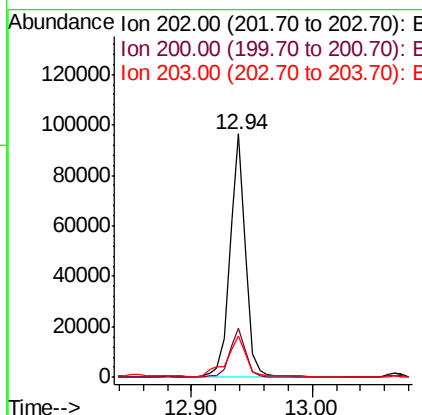
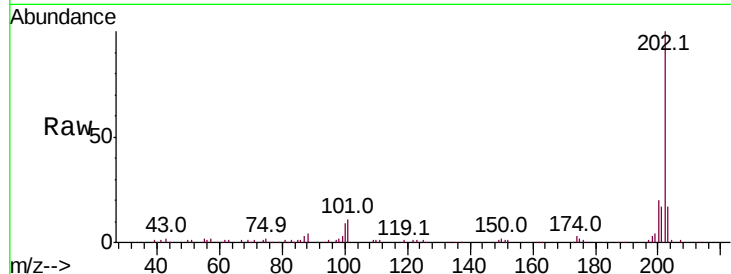
#78
Pvrene
Concen: 7.917 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :
TS-K

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.8	26.6
203	16.8	14.2	21.4

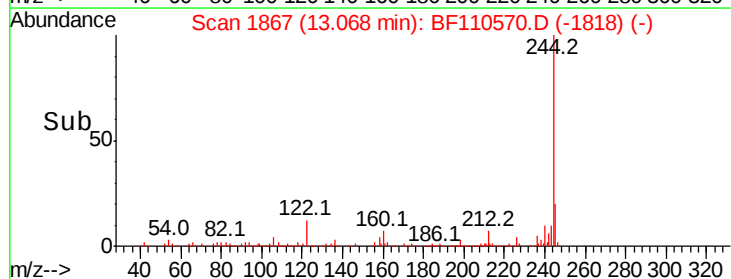
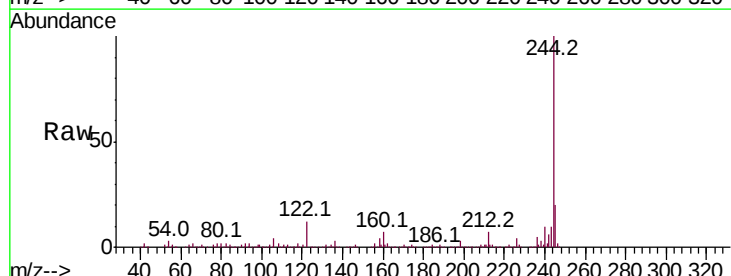
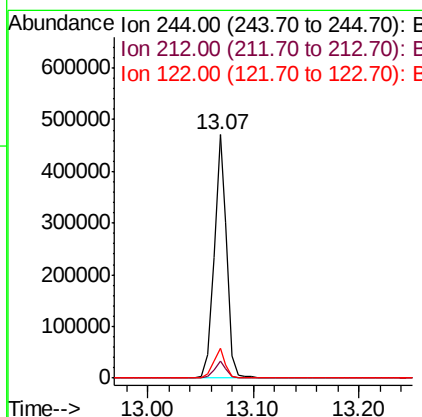
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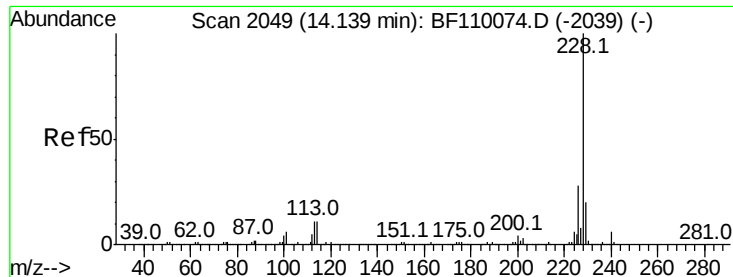
Sohil
11/9/2018 1:35:20 PM



#79
Terphenyl-d14
Concen: 53.837 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.2	8.7	13.1





#81

Benzo(a)anthracene

Concen: 4.264 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110570.D

Acq: 7 Nov 2018 21:55

Instrument :

BNA_F

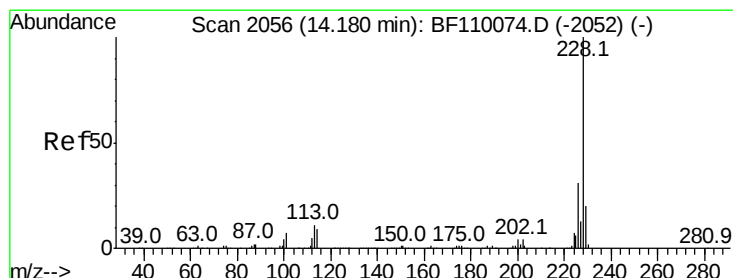
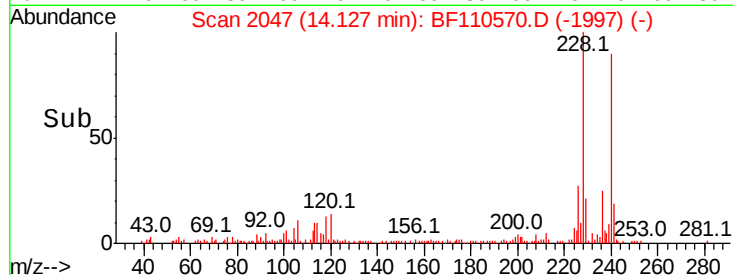
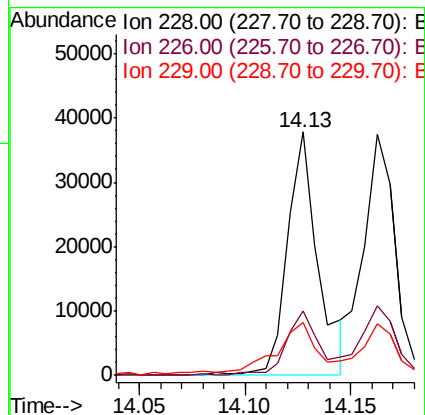
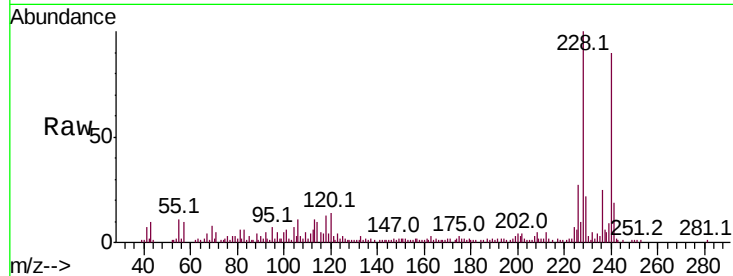
ClientSampled :

TS-K

Tot Ion:	228	Resp:	38421
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.1	33.1
229	21.6	15.6	23.4

Manual Integrations
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11/9/2018 1:35:20 PM



#83

Chrysene

Concen: 4.635 ng

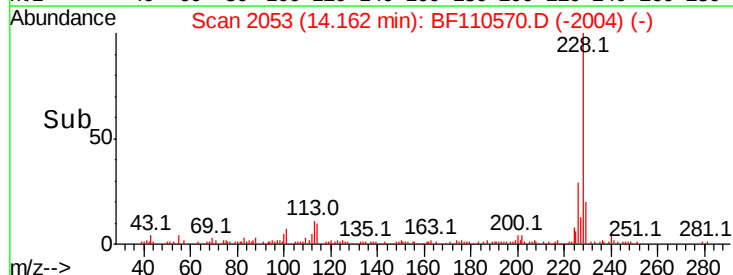
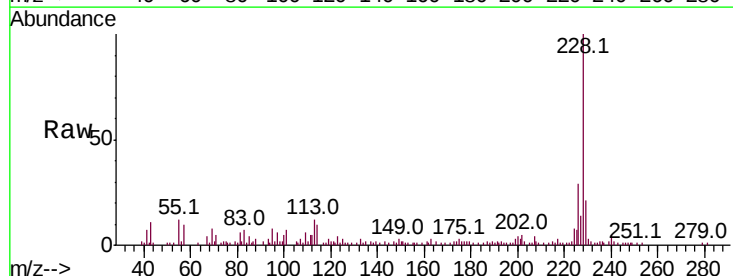
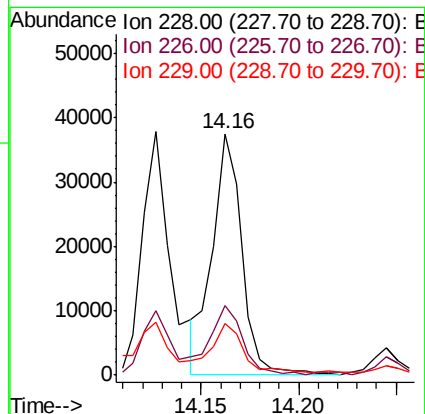
RT: 14.16 min Scan# 2053

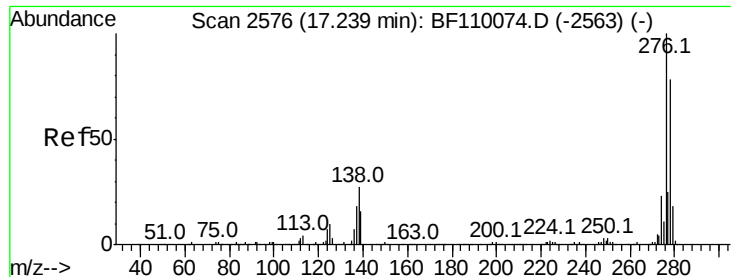
Delta R.T. -0.01 min

Lab File: BF110570.D

Acq: 7 Nov 2018 21:55

Tgt Ion:	228	Resp:	39666
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.7	37.1
229	21.3	15.9	23.9





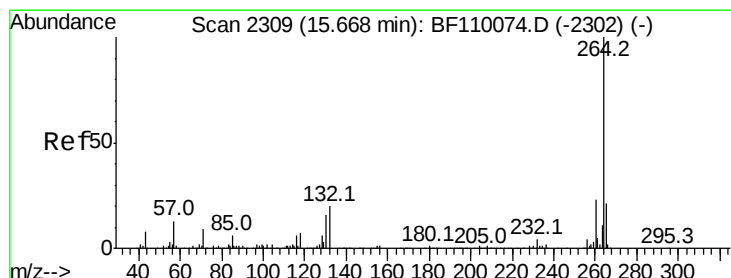
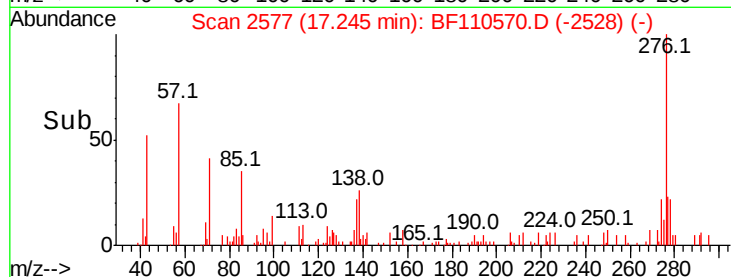
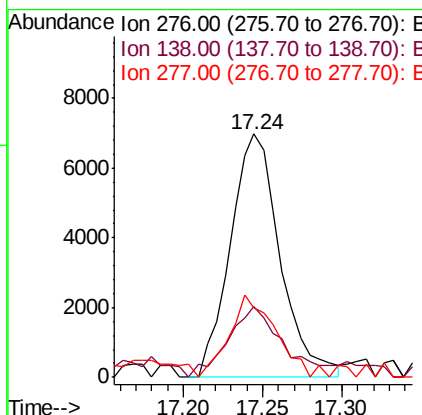
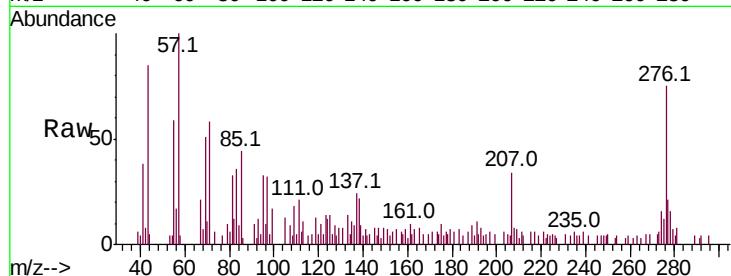
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.140 ng
 RT: 17.24 min Scan# 2577
 Delta R.T. -0.01 min
 Lab File: BF110570.D
 Acq: 7 Nov 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 TS-K

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	18.5	27.7#
277	31.9	20.0	30.0#

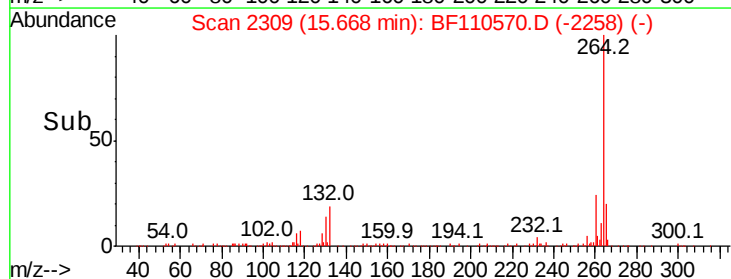
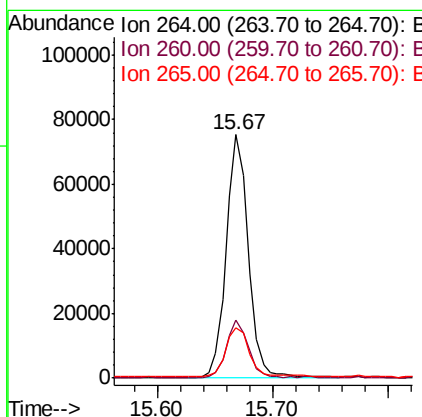
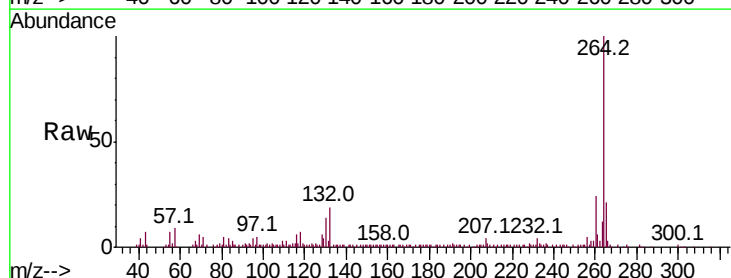
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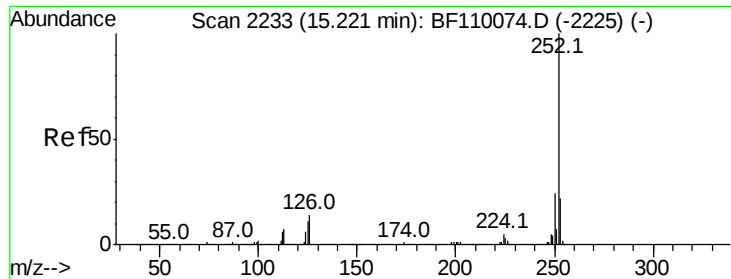
Sohil
 11/9/2018 1:35:20 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BF110570.D
 Acq: 7 Nov 2018 21:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	20.7	16.7	25.1





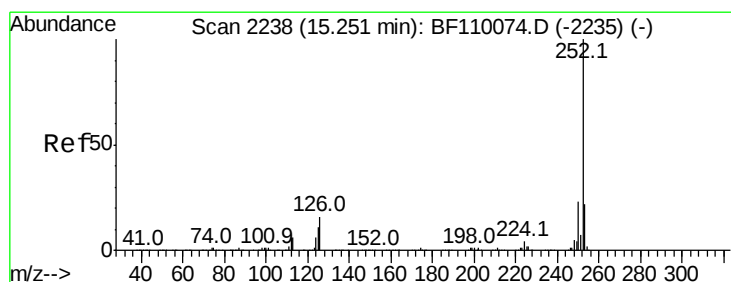
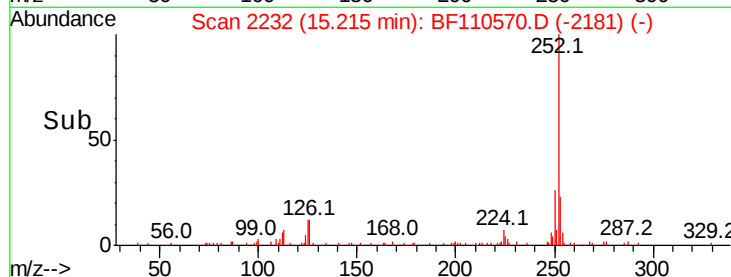
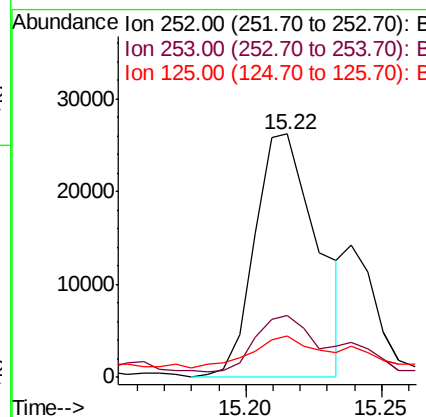
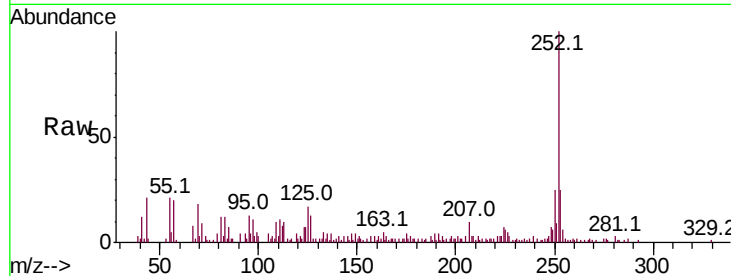
#88
Benzo(b)fluoranthene
Concen: 7.233 ng m
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampleId :
TS-K

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	16.7	8.2	12.4

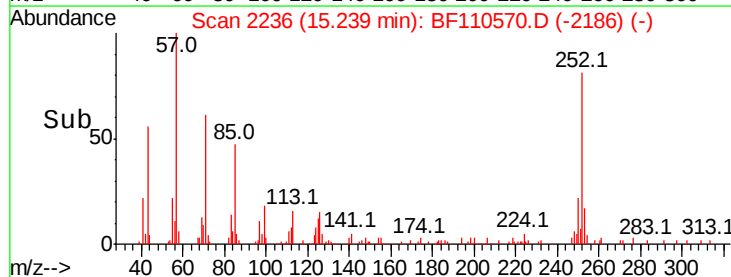
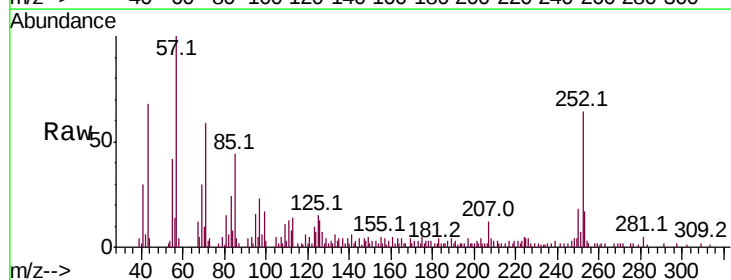
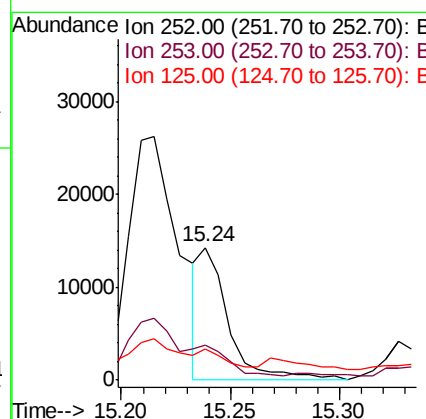
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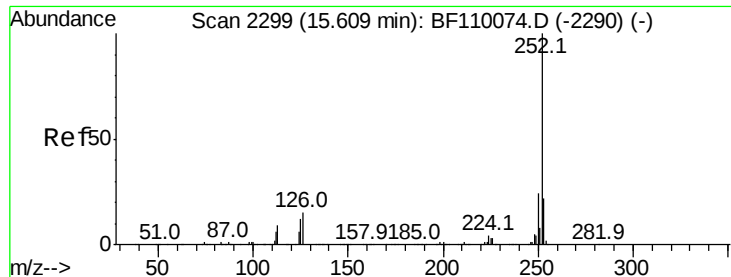
Sohil
11/9/2018 1:35:20 PM



#89
Benzo(k)fluoranthene
Concen: 2.302 ng m
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.2	25.8
125	23.6	7.4	11.0





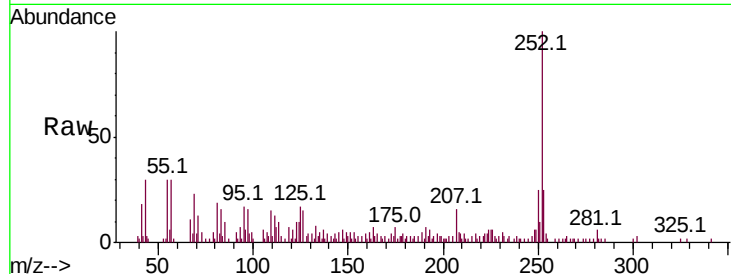
#90
Benzo(a)pyrene
Concen: 4.656 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Instrument :
BNA_F
ClientSampled :
TS-K

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.2	27.4
125	16.6	9.0	13.6

Manual Integrations
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Sohil
11/9/2018 1:35:20 PM

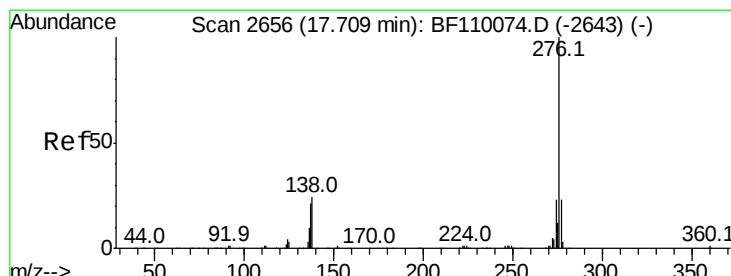
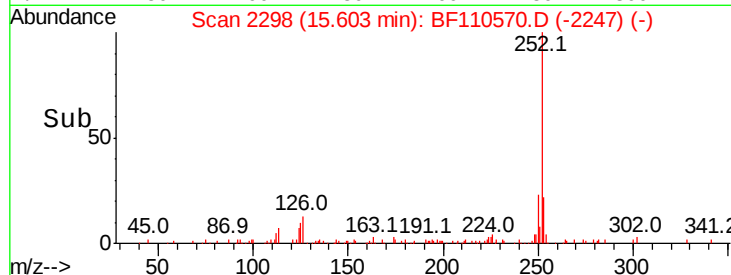
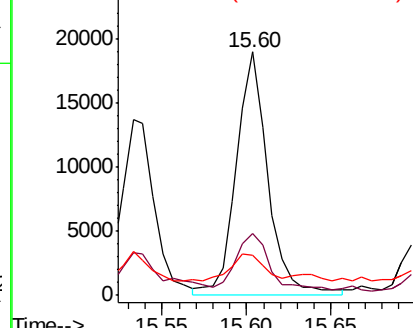


Abundance

Ion 252.00 (251.70 to 252.70): E

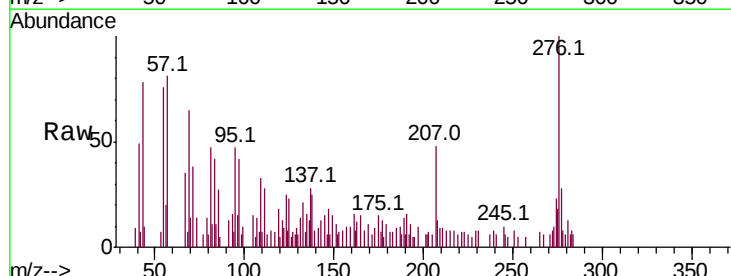
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.297 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.00 min
Lab File: BF110570.D
Acq: 7 Nov 2018 21:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	18.8	28.2
138	24.7	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

