

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110627.D
 Acq On : 9 Nov 2018 15:02
 Operator : JU/SJ
 Sample : J5813-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-H

Manual Integrations
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 11/12/2018 10:30:09 AM

Quant Time: Nov 09 17:23:25 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	78708	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	292007	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	114947	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	185876	20.00	ng	0.00
76) Chrysene-d12	14.13	240	156127	20.00	ng	0.00
87) Perylene-d12	15.66	264	107646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	464110	95.78	ng	0.00
7) Phenol-d6	6.57	99	589823	95.19	ng	0.00
23) Nitrobenzene-d5	7.51	82	358179	70.64	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	88236	76.18	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	562635	69.91	ng	0.00
79) Terphenyl-d14	13.06	244	441931	53.01	ng	0.00
Target Compounds						
10) Phenol	6.58	94	38726	5.390	ng	Qvalue # 72
50) Dimethylphthalate	9.69	163	81797	9.537	ng	100
71) Phenanthrene	11.50	178	42375	4.255	ng	99
75) Fluoranthene	12.70	202	88607	8.875	ng	98
78) Pyrene	12.93	202	69372	5.771	ng	98
80) Butylbenzylphthalate	13.53	149	22726	4.392	ng	96
81) Benzo(a)anthracene	14.12	228	26434	2.833	ng	98
83) Chrysene	14.16	228	32282	3.631	ng	99
88) Benzo(b)fluoranthene	15.20	252	31083m	4.827	ng	
90) Benzo(a)pyrene	15.59	252	18316	3.130	ng	# 94
92) Benzo(g,h,i)perylene	17.70	276	11480	2.337	ng	# 94

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

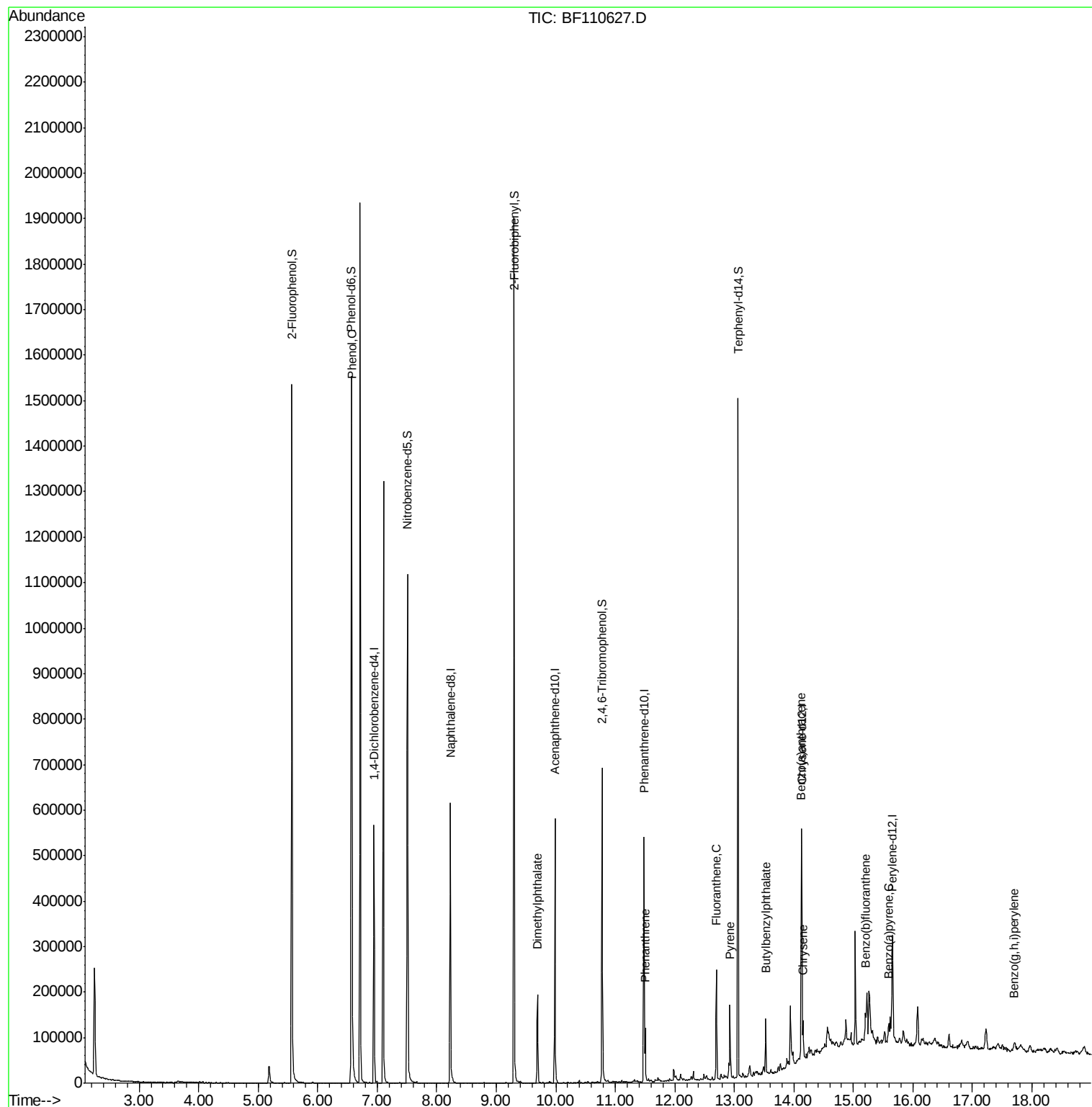
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110627.D
Acq On : 9 Nov 2018 15:02
Operator : JU/SJ
Sample : J5813-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

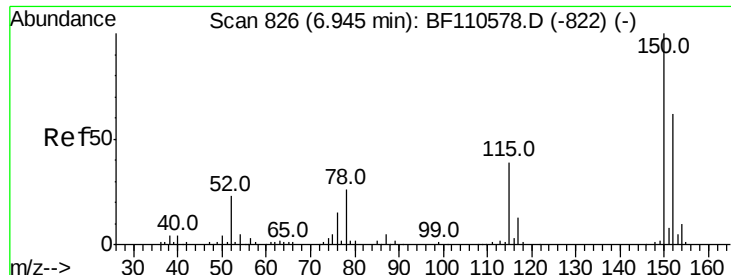
Instrument :
BNA_F
ClientSampleId :
TS-H

Quant Time: Nov 09 17:23:25 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
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#1

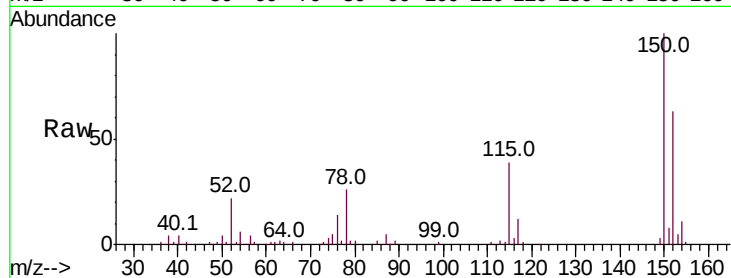
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :
TS-H

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.7	184.1
115	62.3	49.1	73.7

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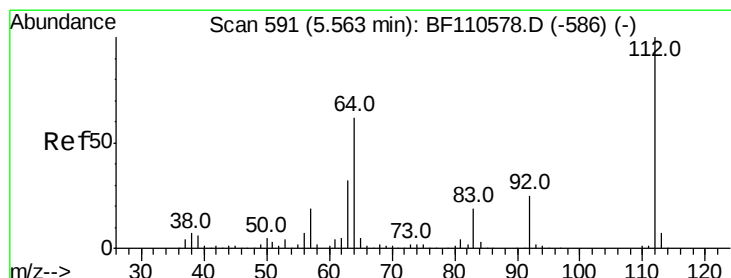
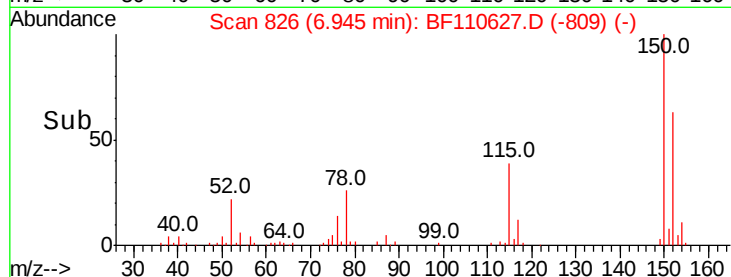
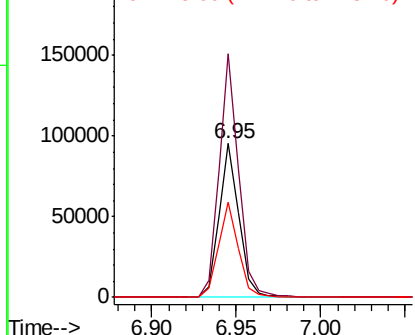


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

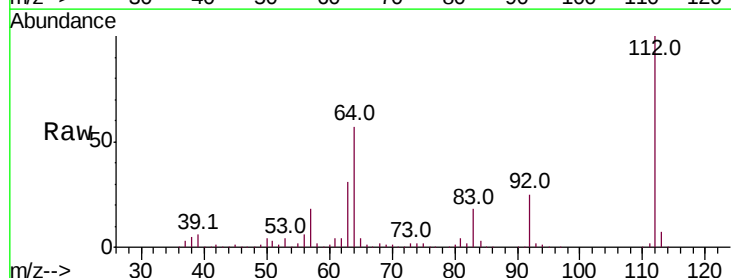
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.779 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.1	66.1
63	30.6	23.7	35.5

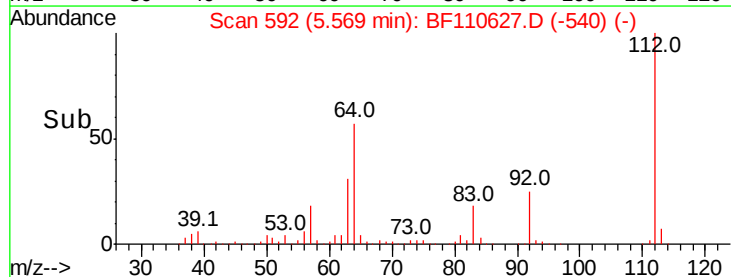
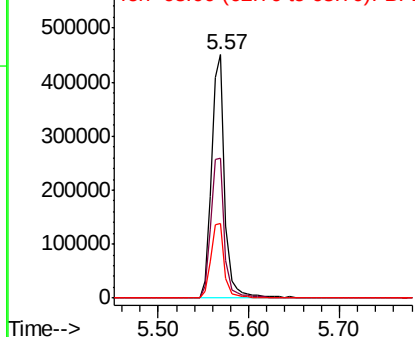


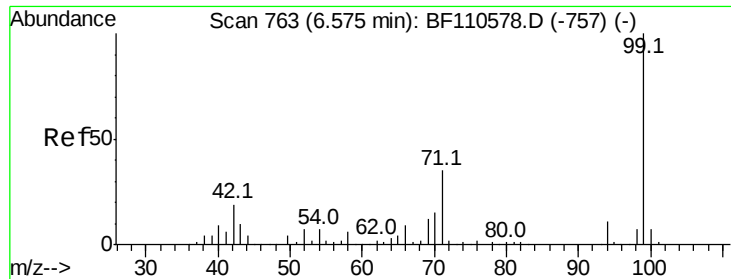
Abundance

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: 95.188 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110627.D

Acq: 9 Nov 2018 15:02

Instrument :

BNA_F

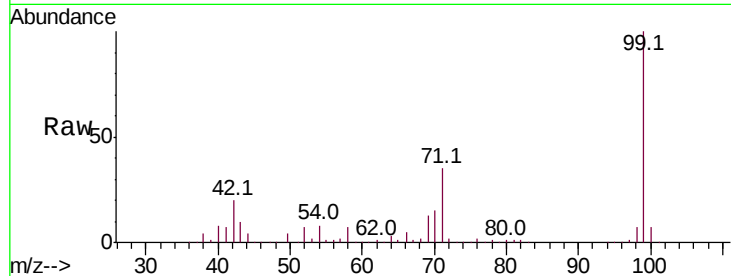
ClientSampled :

TS-H

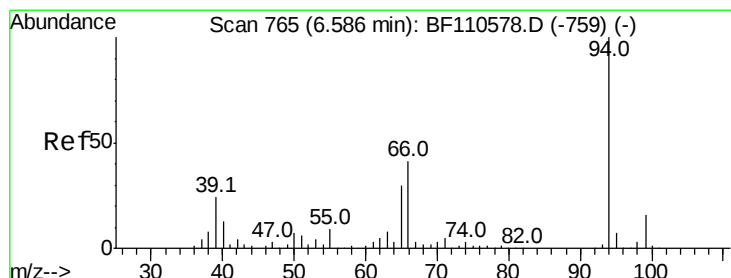
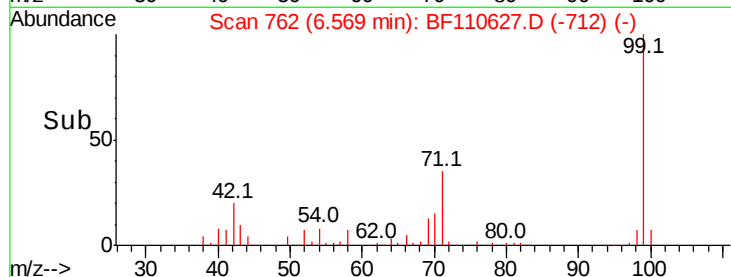
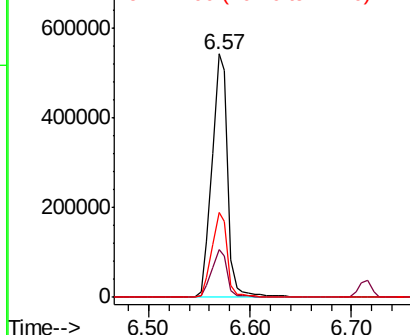
Tot Ion:	99	Resp:	589823
Ion Ratio	Lower	Upper	
99	100		
42	19.7	15.8	23.6
71	35.1	28.0	42.0

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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: 5.390 ng

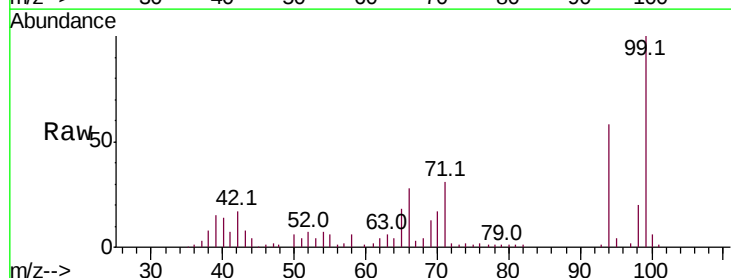
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

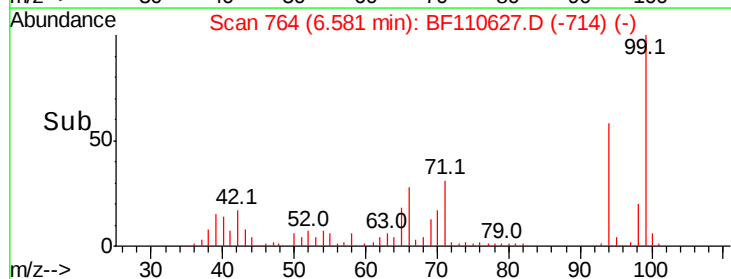
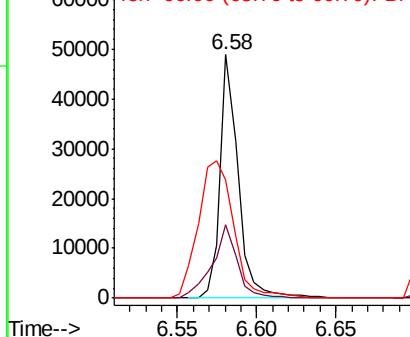
Lab File: BF110627.D

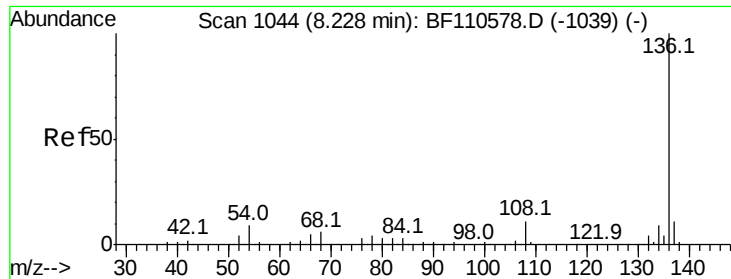
Acq: 9 Nov 2018 15:02

Tgt Ion:	94	Resp:	38726
Ion Ratio	Lower	Upper	
94	100		
65	30.2	25.3	65.3
66	48.4	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





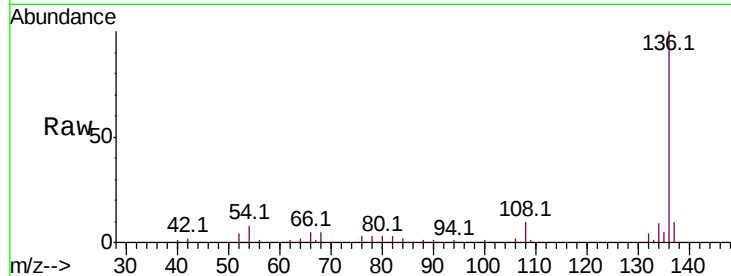
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampled :
TS-H

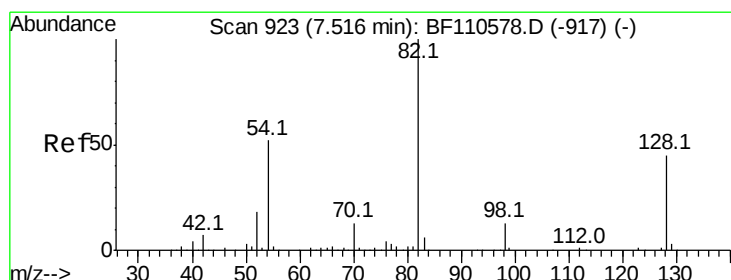
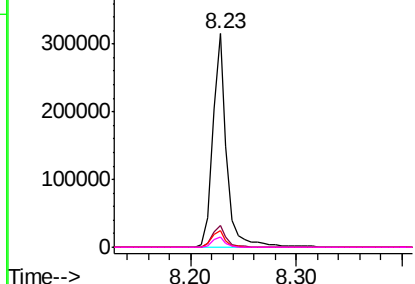
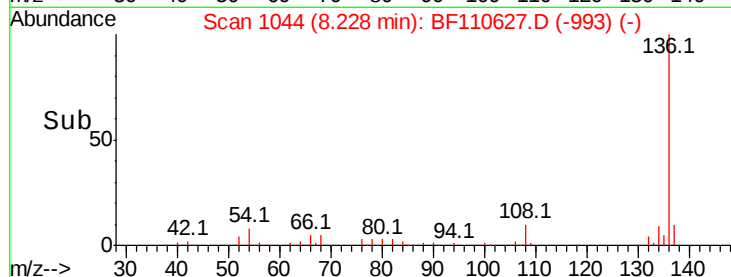
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.8	13.2	
54	7.8	5.4	8.2	
68	5.1	4.2	6.2	

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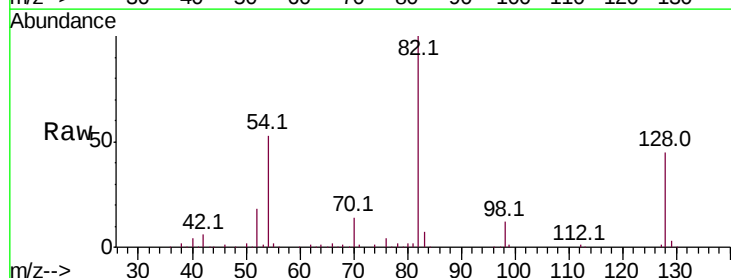


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

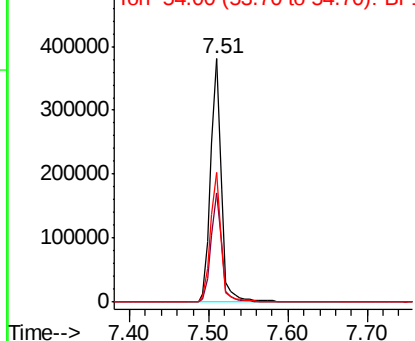
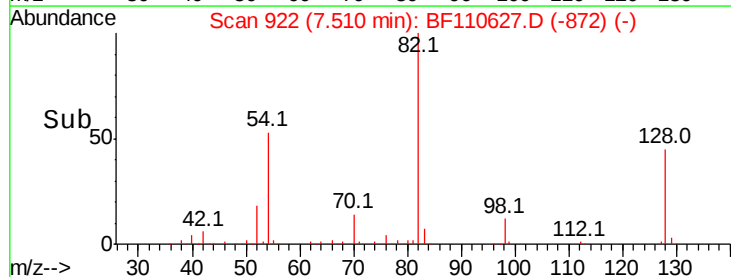


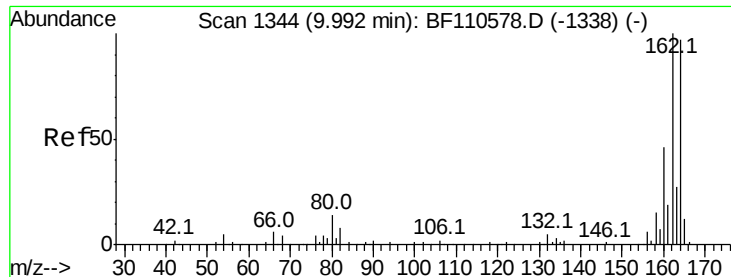
#23
Nitrobenzene-d5
Concen: 70.640 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	34.2	51.2	
54	53.3	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





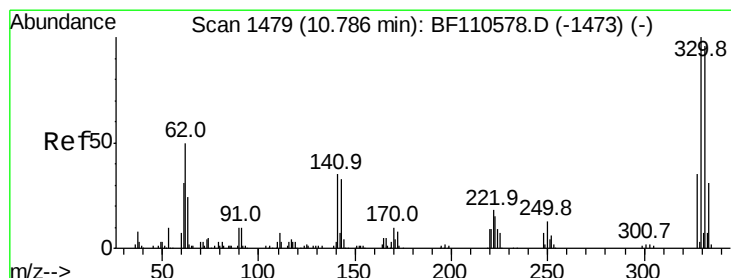
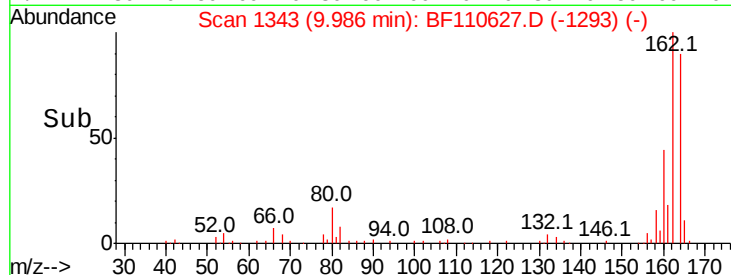
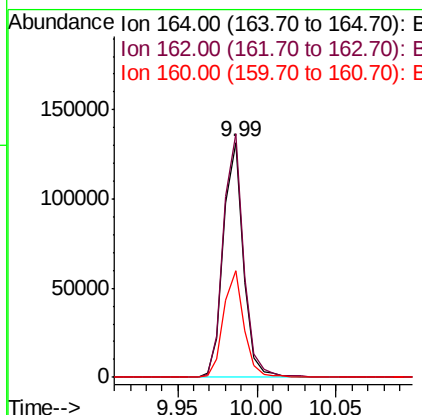
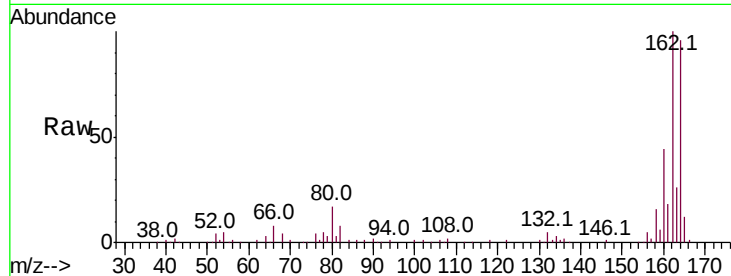
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :
TS-H

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	45.6	37.0	55.6

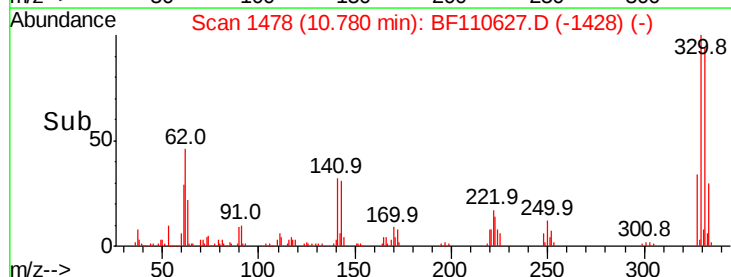
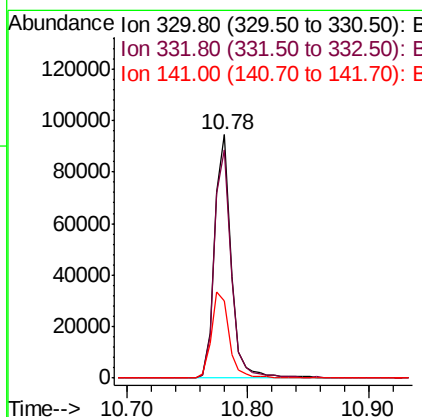
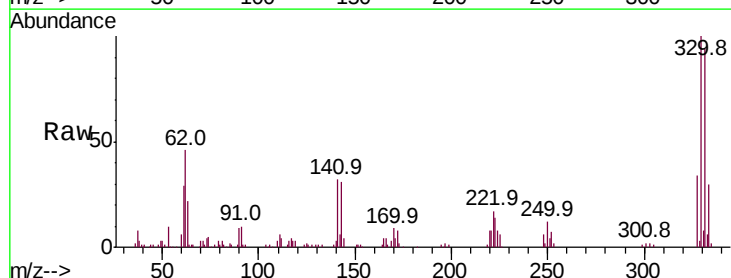
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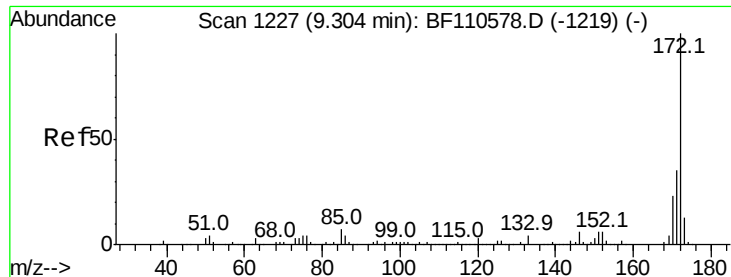
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#42
2,4,6-Tribromophenol
Concen: 76.181 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	38.0	27.0	40.4





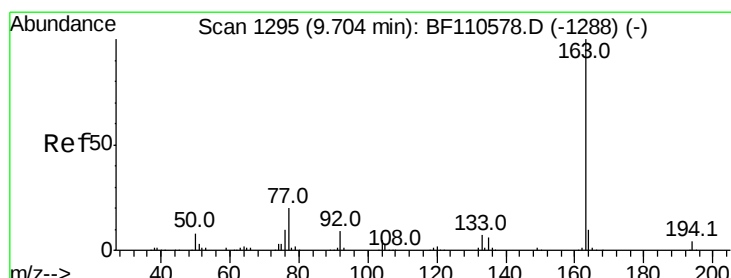
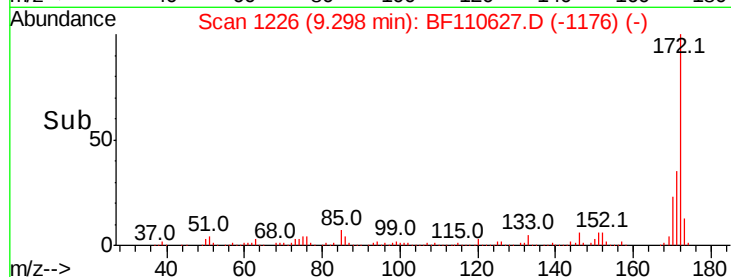
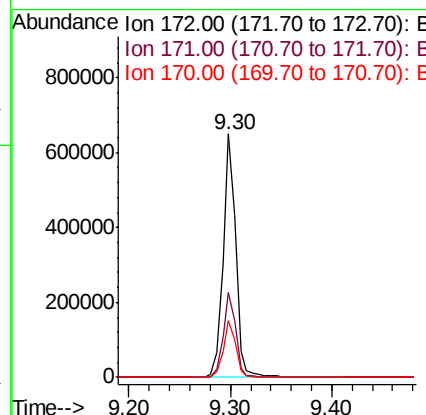
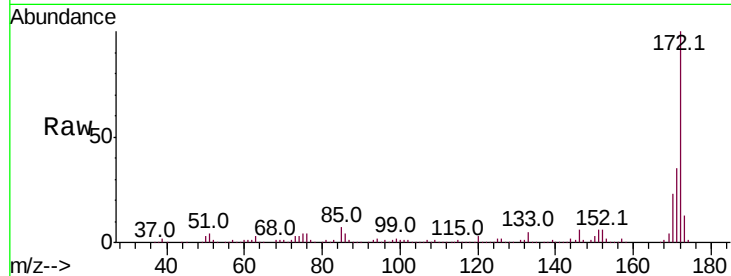
#45
2-Fluorobiphenyl
Concen: 69.906 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampled :
TS-H

Tot Ion	Ratio	Resp	Lower	Upper
172	100	562635		
171	35.0		28.6	43.0
170	23.2		19.7	29.5

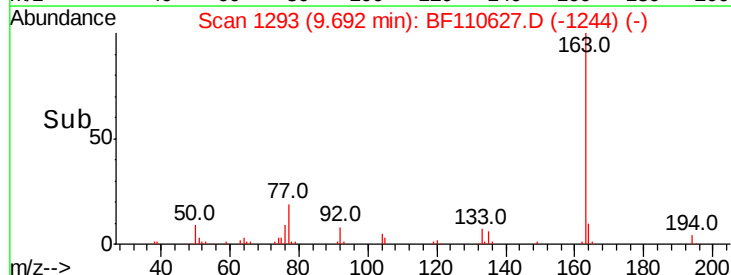
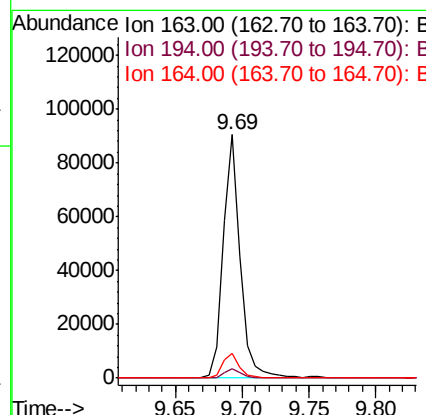
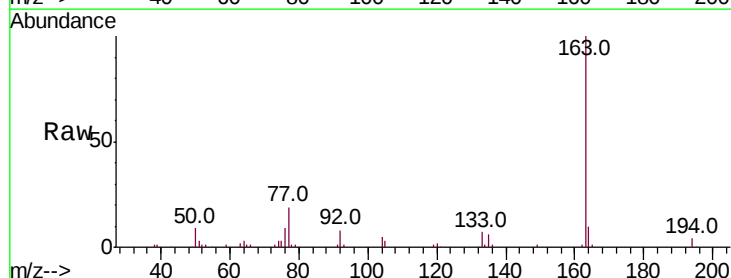
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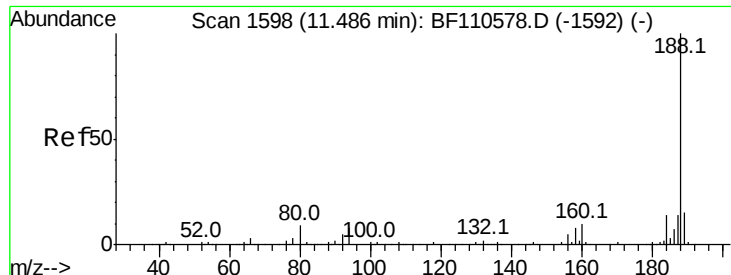
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#50
Dimethylphthalate
Concen: 9.537 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	81797		
194	3.7		3.2	4.8
164	10.1		8.1	12.1





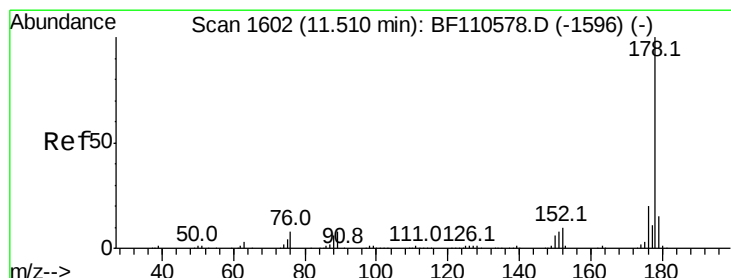
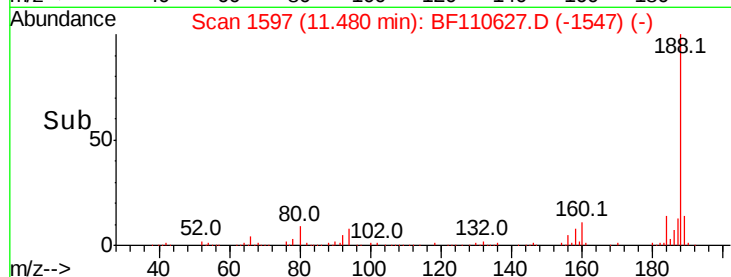
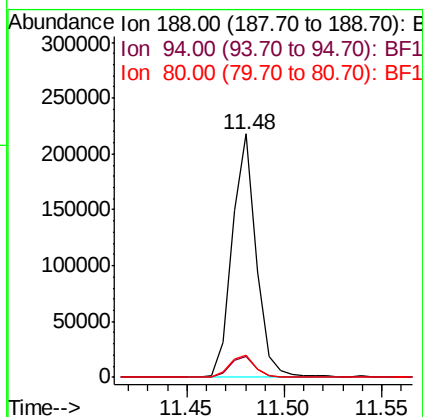
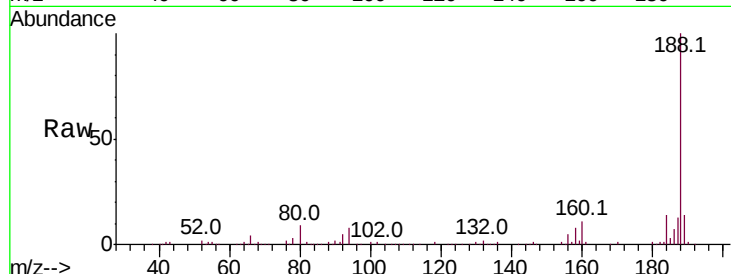
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampled :
TS-H

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.4	7.2	10.8	
80	8.9	7.9	11.9	

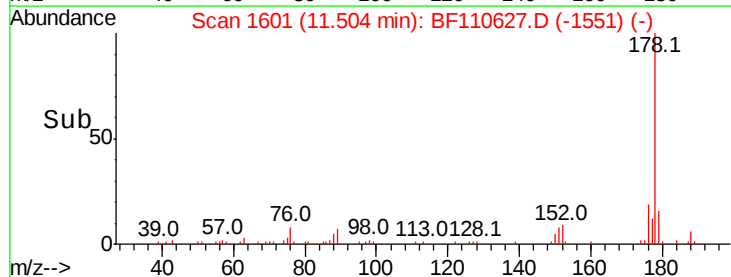
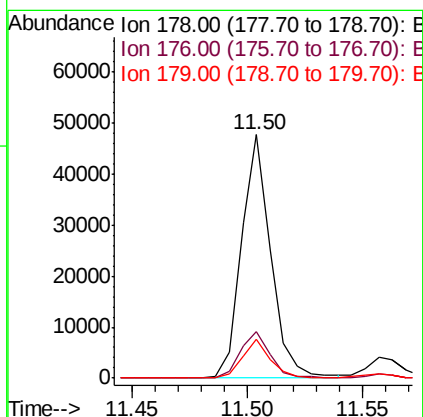
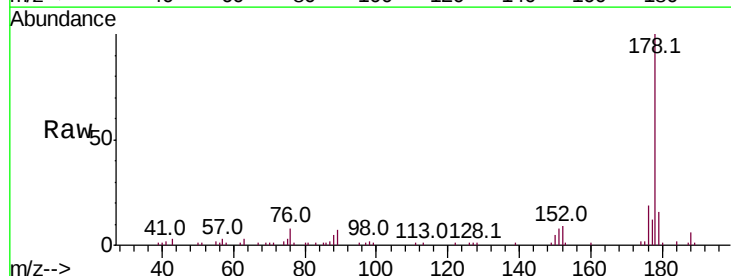
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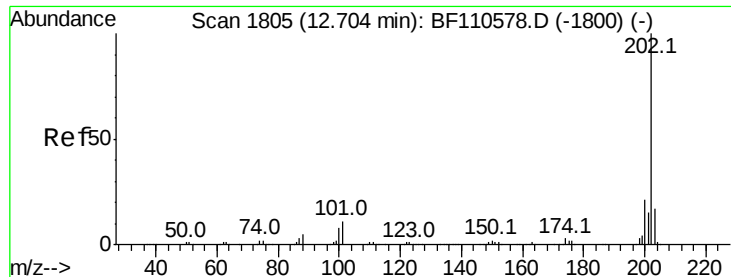
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#71
Phenanthrene
Concen: 4.255 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.1	15.5	23.3	
179	16.0	12.5	18.7	





#75

Fluoranthene

Concen: 8.875 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110627.D

Acq: 9 Nov 2018 15:02

Instrument :

BNA_F

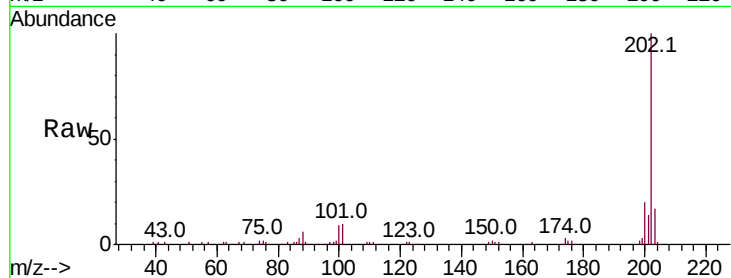
ClientSampled :

TS-H

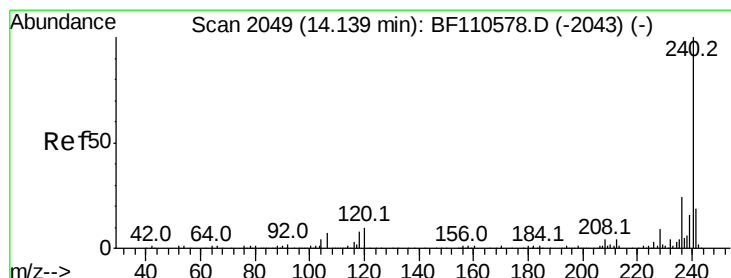
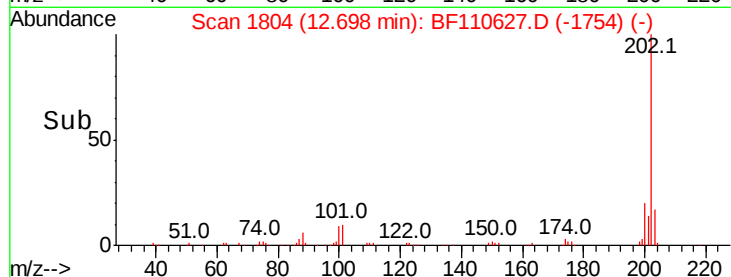
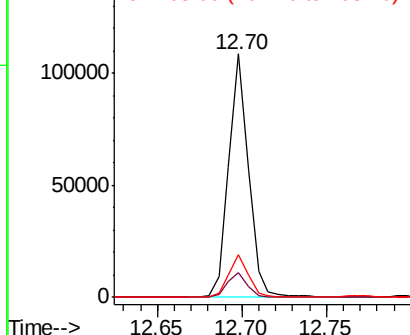
Tot Ion	Ratio	Resp	Lower	Upper
202	100	88607		
101	10.0		0.0	31.4
203	17.3		0.0	37.7

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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

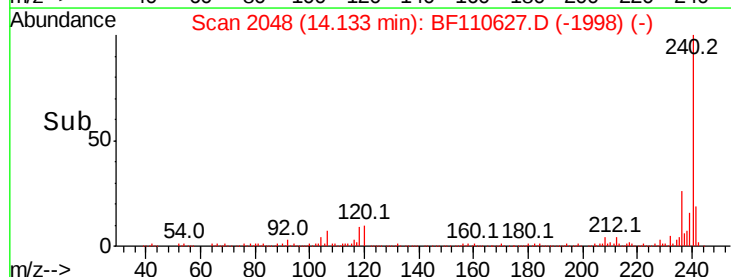
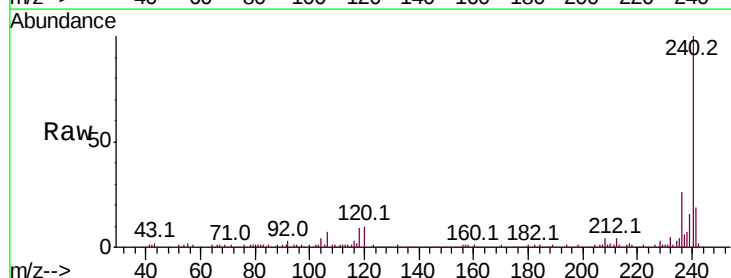
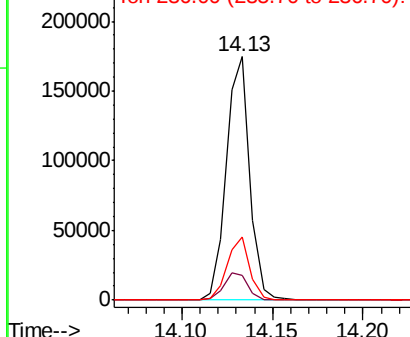
Delta R.T. -0.01 min

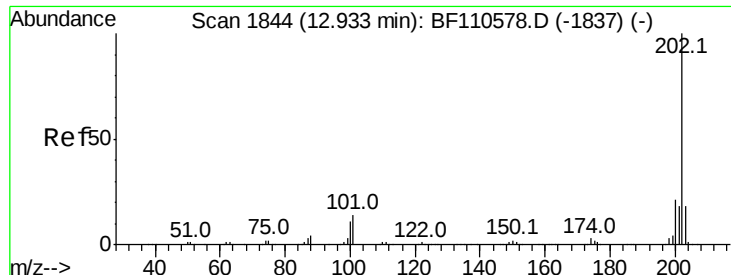
Lab File: BF110627.D

Acq: 9 Nov 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	156127		
120	9.9		8.3	12.5
236	26.1		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





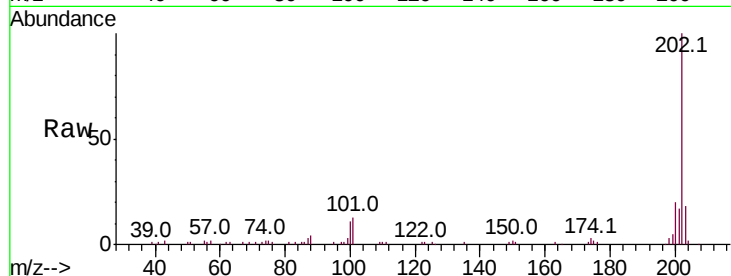
#78
Pvrene
Concen: 5.771 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampled :
TS-H

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	17.8	26.6
203	17.9	14.2	21.4

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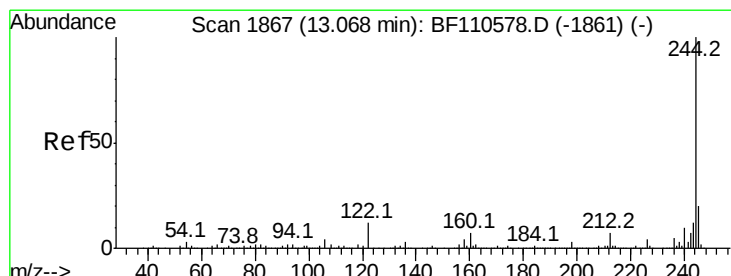
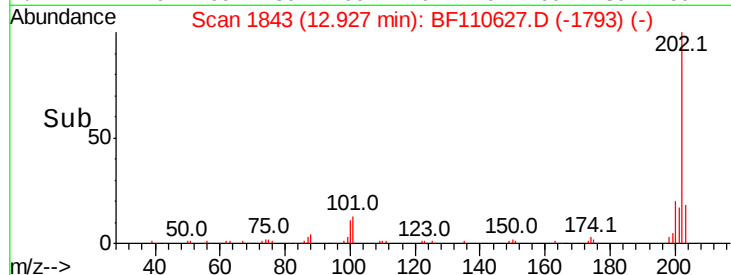
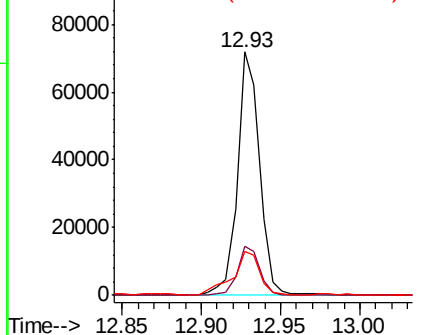


Abundance

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: 53.010 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

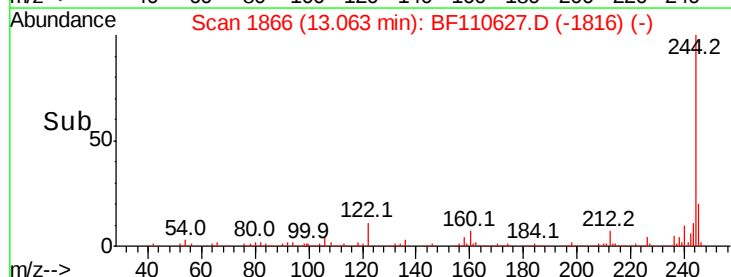
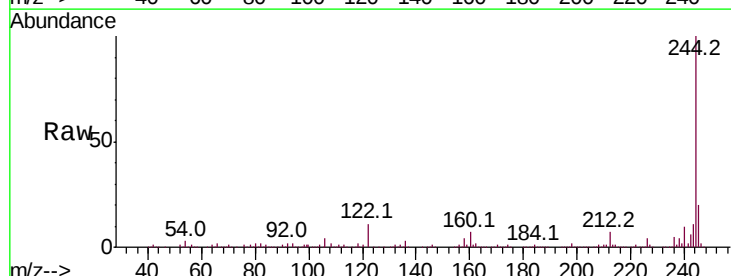
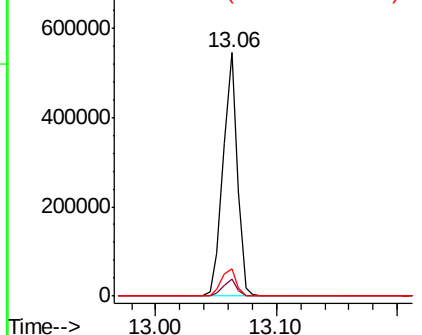
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.0	8.7	13.1

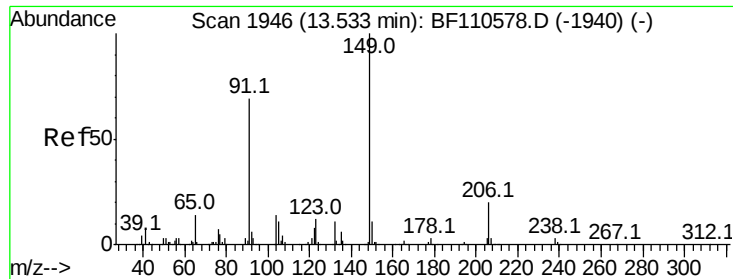
Abundance

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





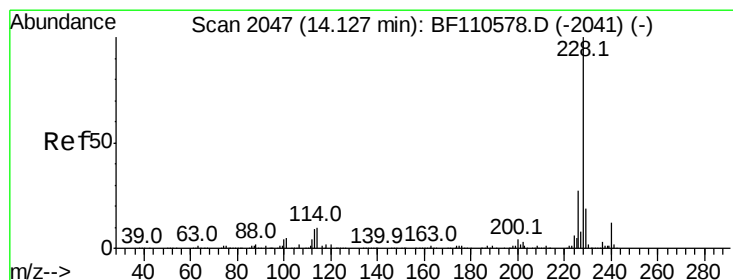
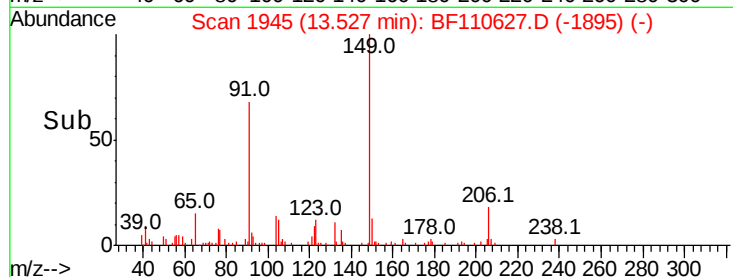
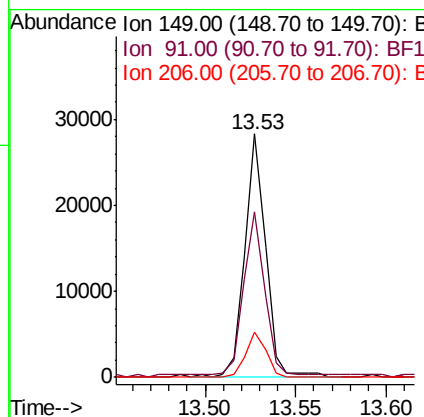
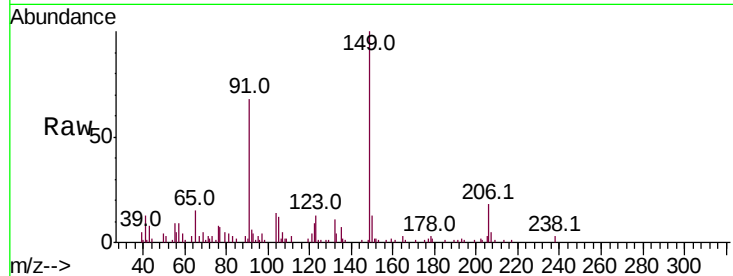
#80
Butylbenzylphthalate
Concen: 4.392 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampled :
TS-H

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	57.2	85.8
206	18.4	15.7	23.5

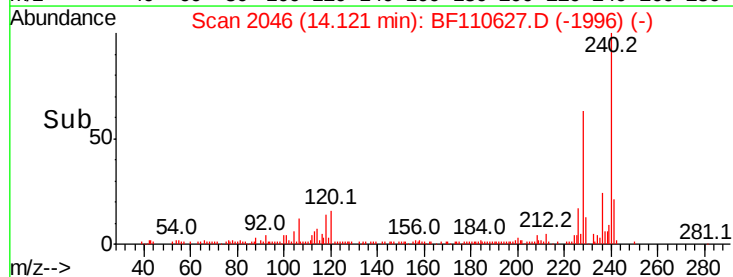
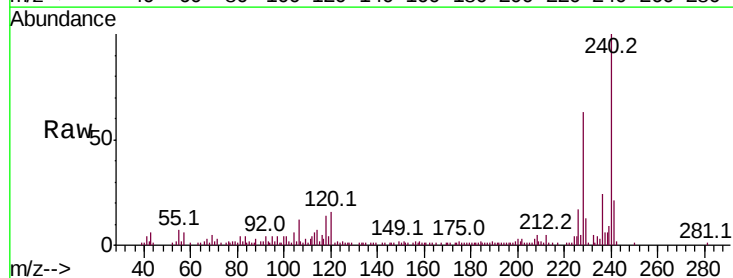
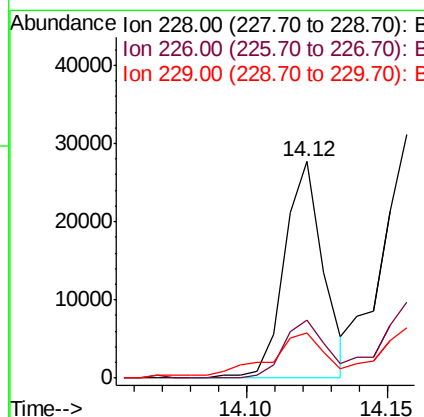
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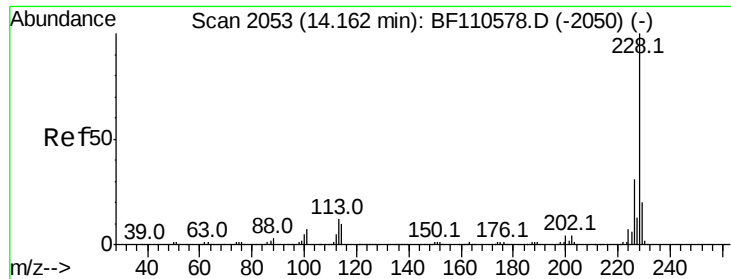
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#81
Benzo(a)anthracene
Concen: 2.833 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	21.2	15.6	23.4





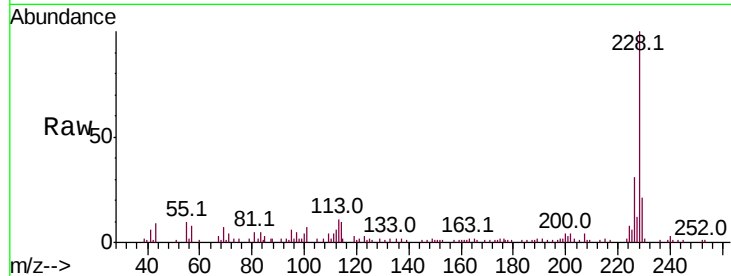
#83
Chrysene
Concen: 3.631 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :
TS-H

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	20.7	15.9	23.9

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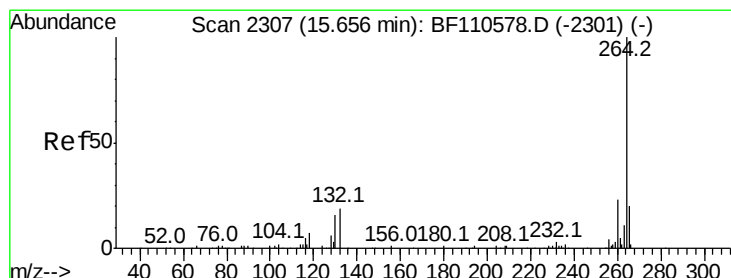
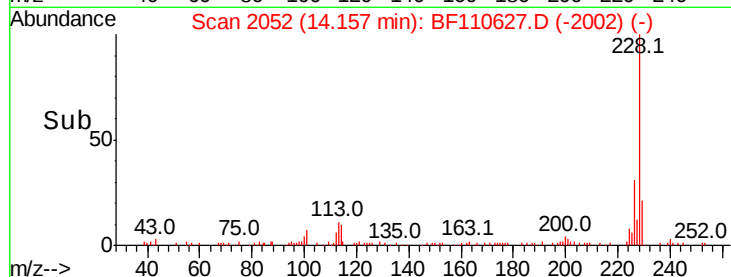
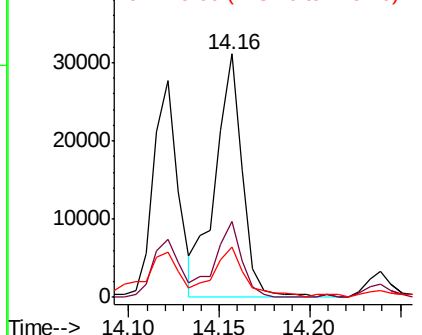


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

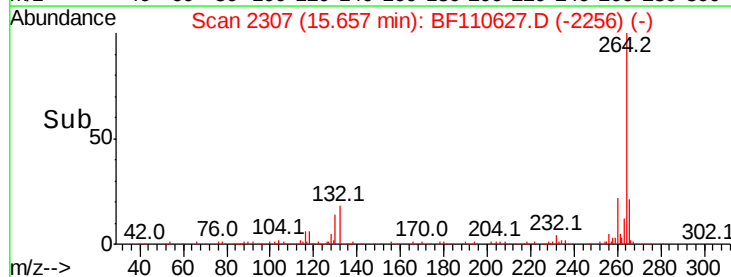
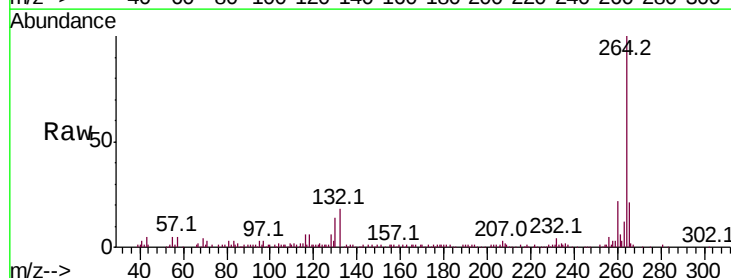
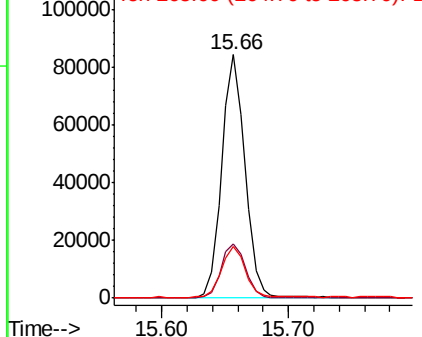
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.1	16.7	25.1

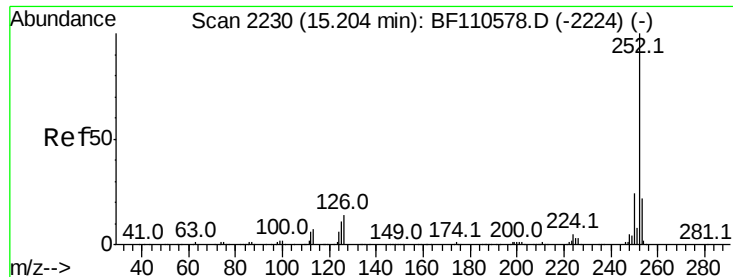
Abundance

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





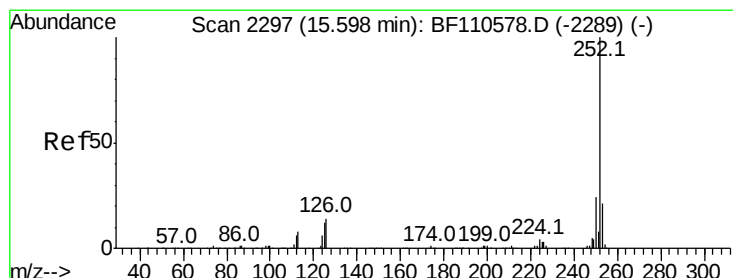
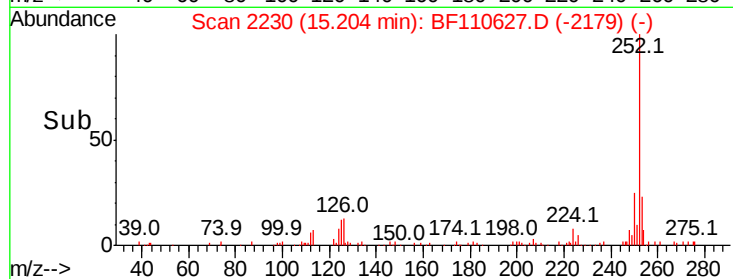
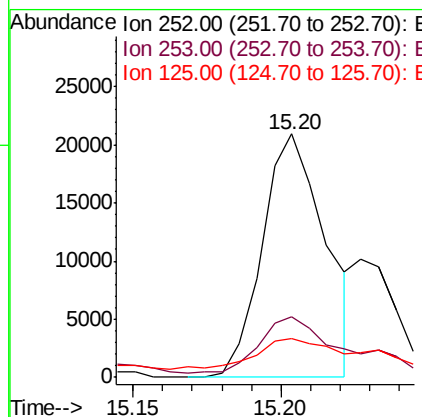
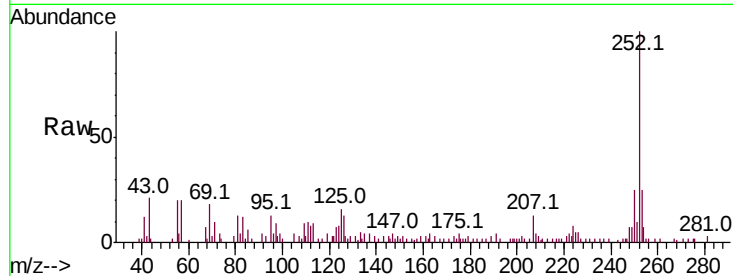
#88
Benzo(b)fluoranthene
Concen: 4.827 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampled :
TS-H

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	16.1	8.2	12.4

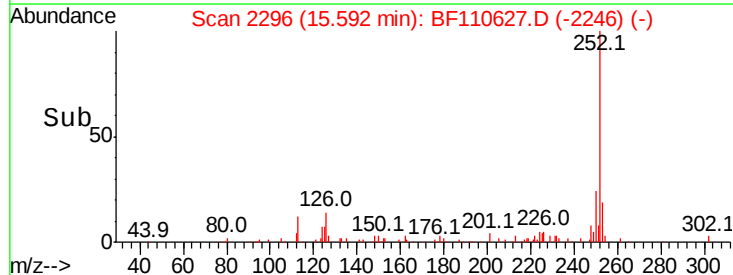
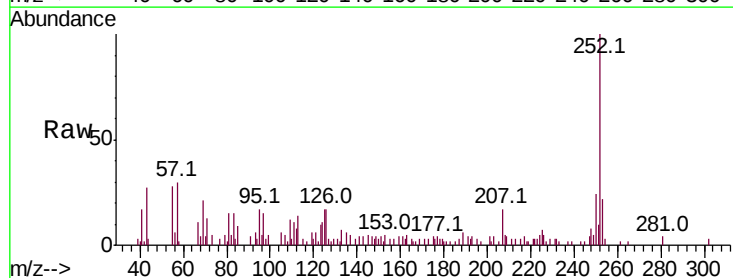
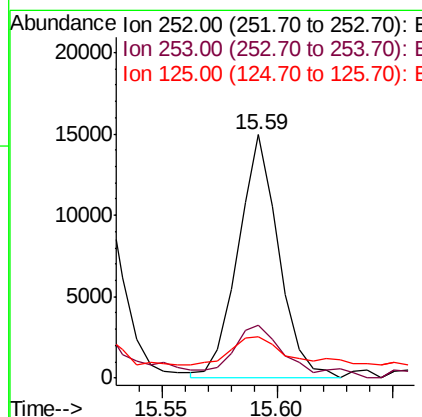
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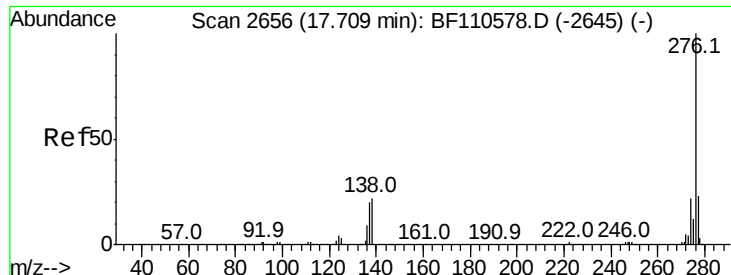
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#90
Benzo(a)pyrene
Concen: 3.130 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	17.0	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.337 ng
 RT: 17.70 min Scan# 2655
 Delta R.T. -0.01 min
 Lab File: BF110627.D
 Acq: 9 Nov 2018 15:02

Instrument :
 BNA_F
 ClientSampleId :
 TS-H

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	24.7	18.8		28.2	
138	24.2	16.0		24.0	

Manual Integrations
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