

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110164.D
 Acq On : 25 Oct 2018 17:00
 Operator : JU/SJ
 Sample : J5636-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-GRID-A

Manual Integrations
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Sohil
 10/26/2018 3:49:17 PM

Quant Time: Oct 26 03:55:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	142045	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	564259	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	273822	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	499612	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	303112	20.00	ng	-0.02
87) Perylene-d12	15.67	264	263042	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	894541	102.55	ng	0.00
7) Phenol-d6	6.59	99	1142406	102.39	ng	-0.01
23) Nitrobenzene-d5	7.53	82	716204	75.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	262268	96.69	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	1237242	70.95	ng	-0.02
79) Terphenyl-d14	13.09	244	1065490	73.11	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	60698	5.090	ng	Qvalue # 71
50) Dimethylphthalate	9.71	163	135268	6.692	ng	99
52) Acenaphthene	10.04	154	38249	2.204	ng	98
71) Phenanthrene	11.52	178	312267	11.945	ng	98
72) Anthracene	11.57	178	371930	14.194	ng	98
75) Fluoranthene	12.72	202	234560	8.841	ng	100
78) Pyrene	12.94	202	273810	12.600	ng	99
81) Benzo(a)anthracene	14.13	228	82369m	4.582	ng	
83) Chrysene	14.17	228	90559	5.304	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	34014	2.402	ng	97
88) Benzo(b)fluoranthene	15.22	252	74447m	4.901	ng	
90) Benzo(a)pyrene	15.60	252	64187	4.592	ng	99
92) Benzo(a,h,i)perylene	17.70	276	35115	2.955	ng	# 95

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

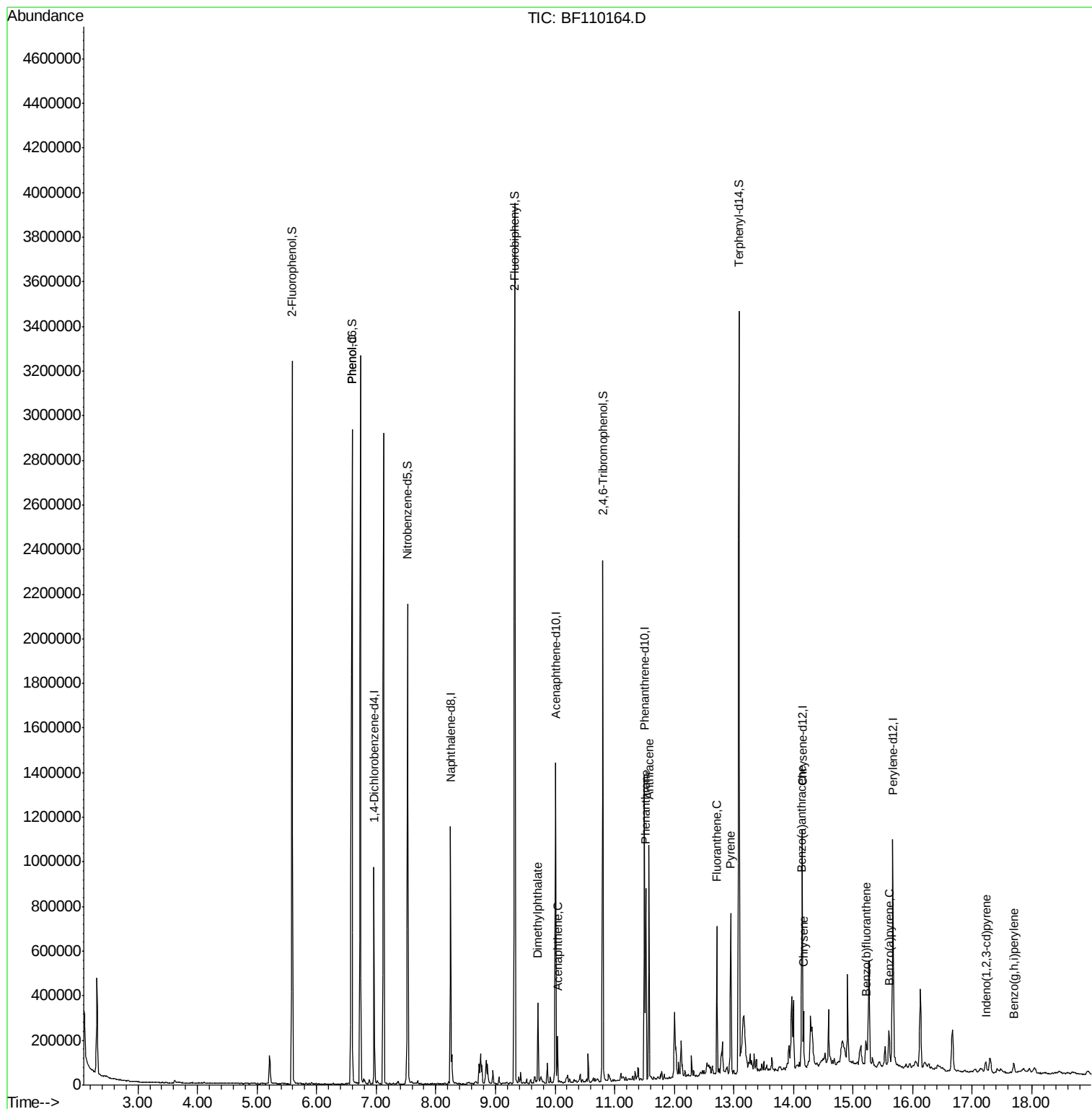
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110164.D
Acq On : 25 Oct 2018 17:00
Operator : JU/SJ
Sample : J5636-01
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#1

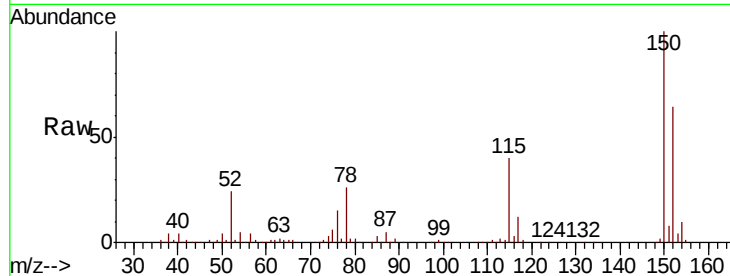
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Instrument :
BNA_F
ClientSampleId :
HP-GRID-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	62.6	49.1	73.7

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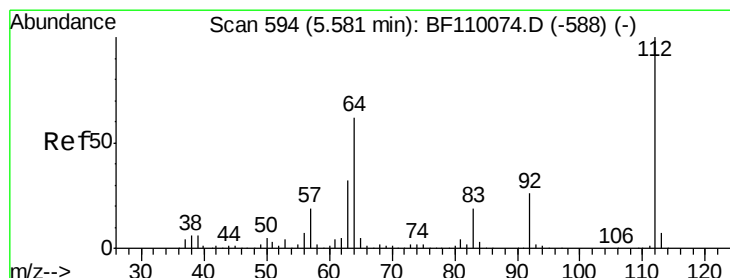
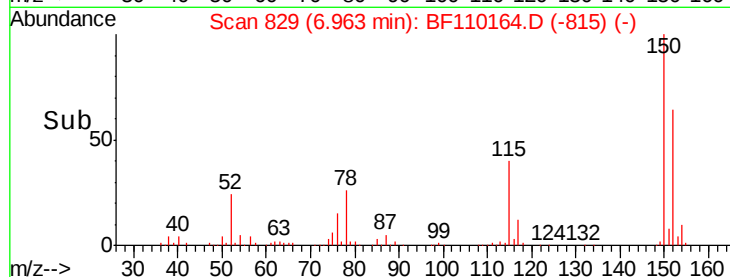
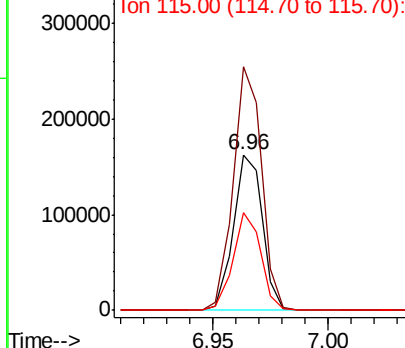


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

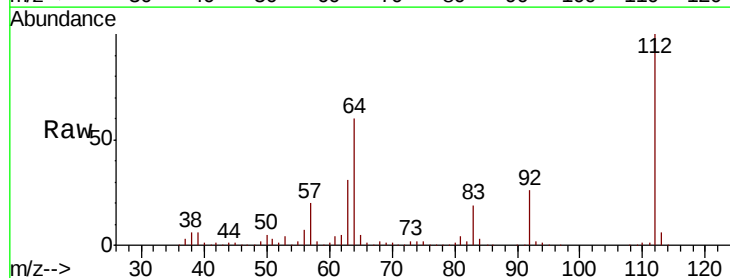
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.553 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.1	66.1
63	31.4	23.7	35.5

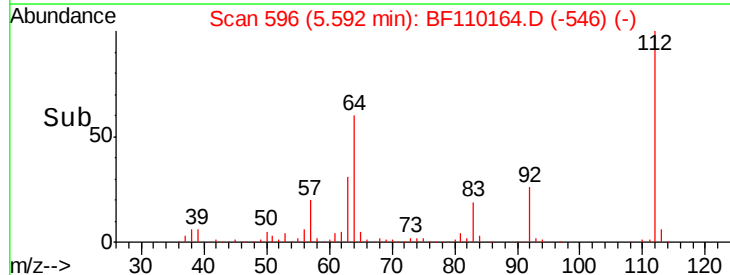
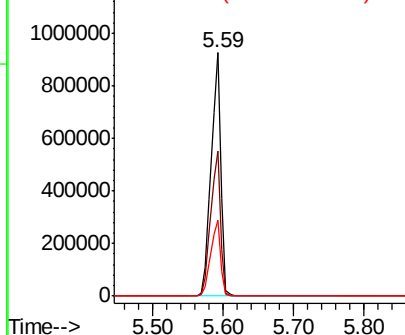


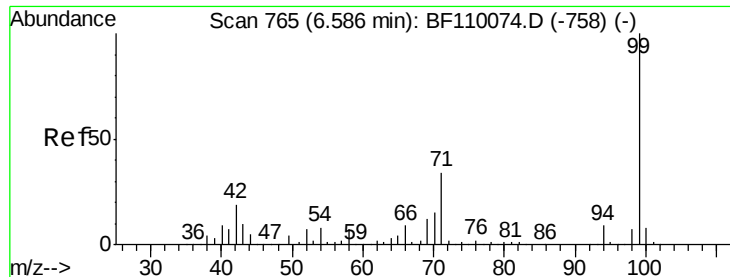
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.394 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110164.D

Acq: 25 Oct 2018 17:00

Instrument :

BNA_F

ClientSampled :

HP-GRID-A

Tot Ion: 99 Resp: 1142406

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

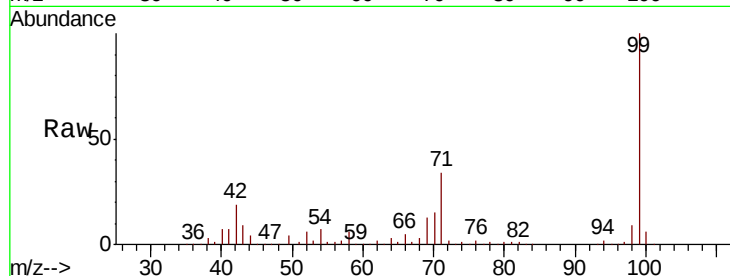
71 34.0 28.0 42.0

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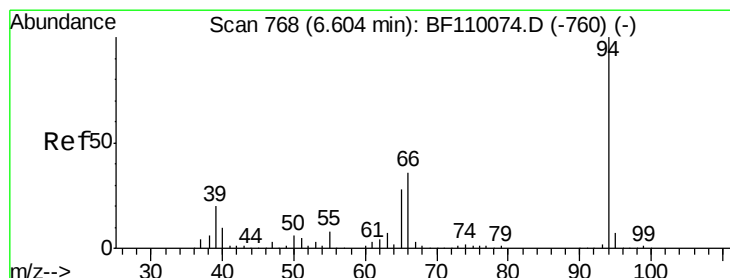
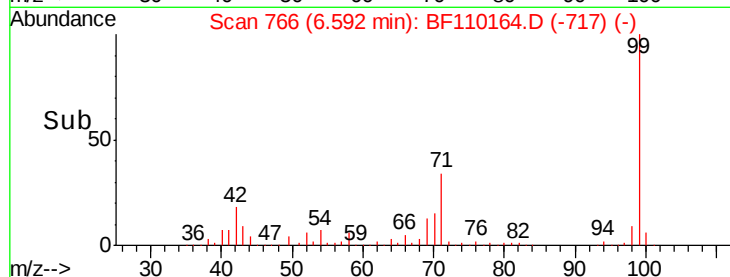
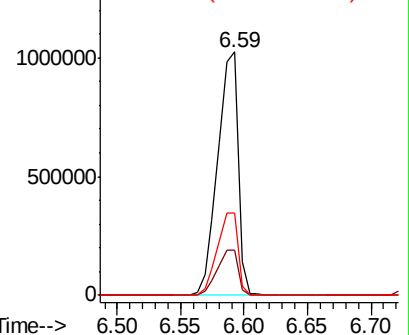
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.090 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110164.D

Acq: 25 Oct 2018 17:00

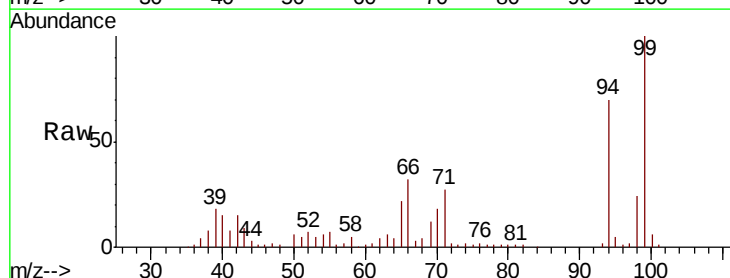
Tgt Ion: 94 Resp: 60698

Ion Ratio Lower Upper

94 100

65 31.9 25.3 65.3

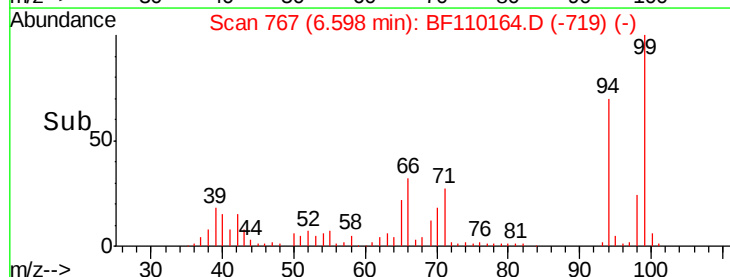
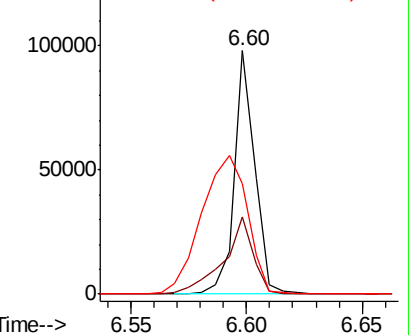
66 45.5 54.5 94.5#



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





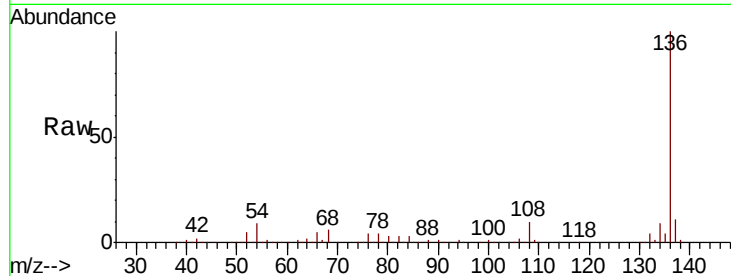
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Instrument :
BNA_F
ClientSampleId :
HP-GRID-A

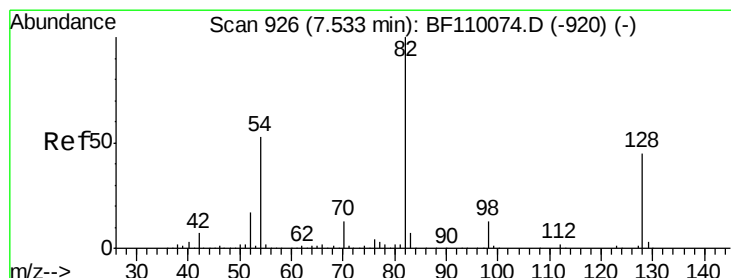
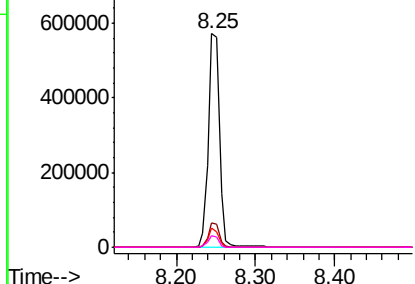
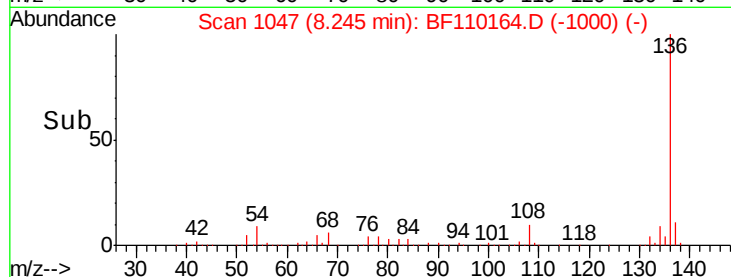
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		564259		
137	11.4	8.8	13.2		
54	8.8	5.4	8.2		
68	5.6	4.2	6.2		

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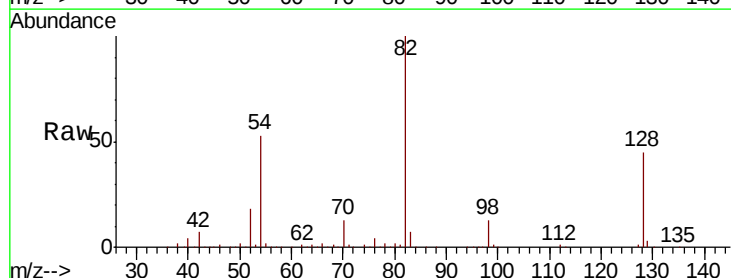


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

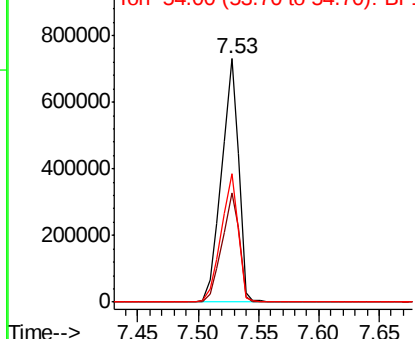
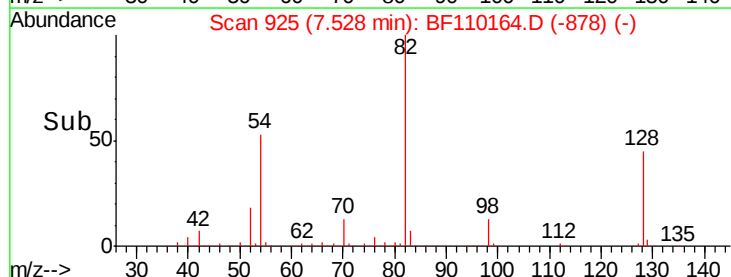


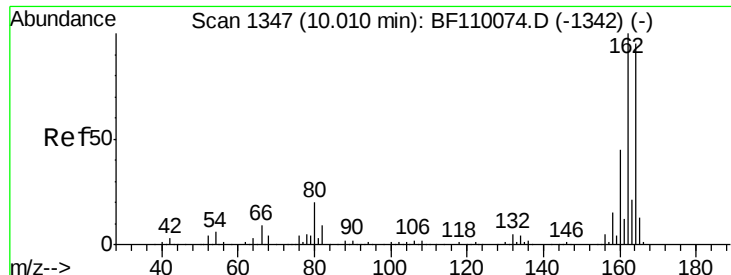
#23
Nitrobenzene-d5
Concen: 75.285 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		716204		
128	45.0	34.2	51.2		
54	53.0	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





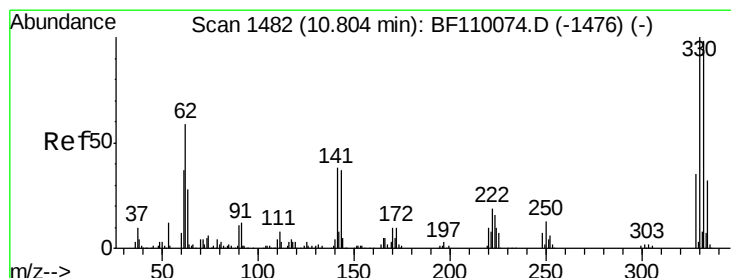
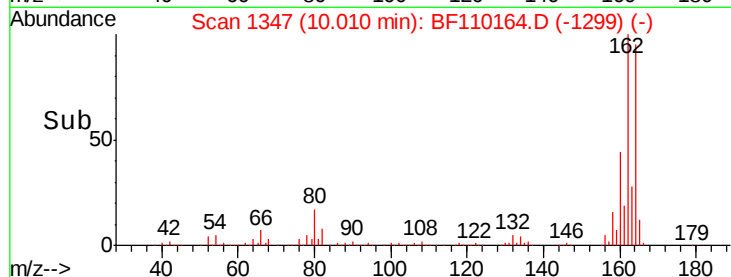
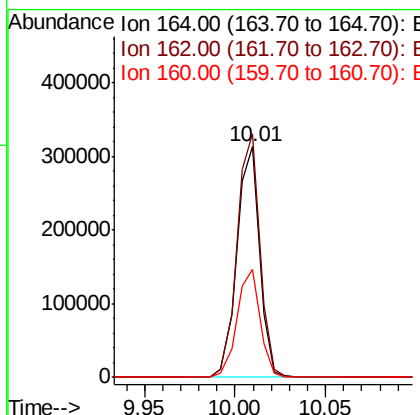
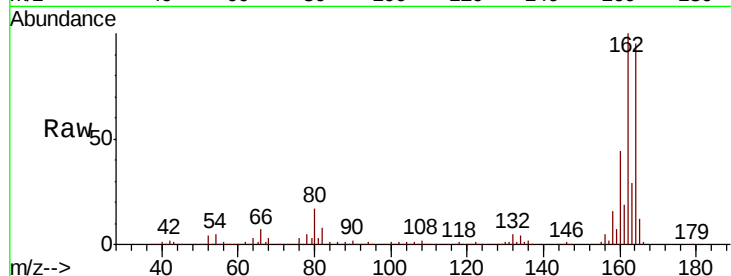
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Instrument :
BNA_F
ClientSampleId :
HP-GRID-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.0	124.6
160	46.9	37.0	55.6

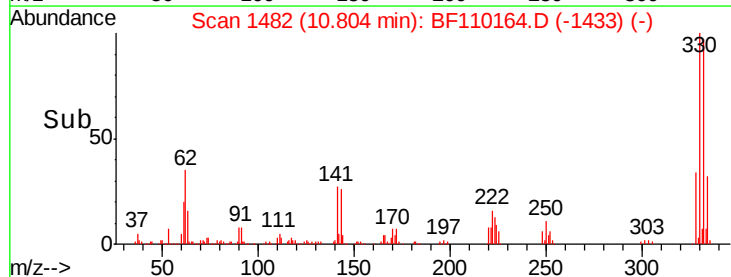
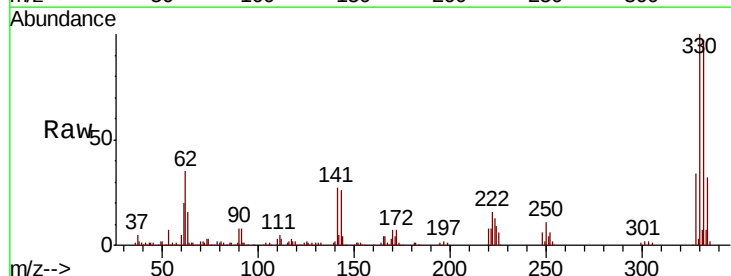
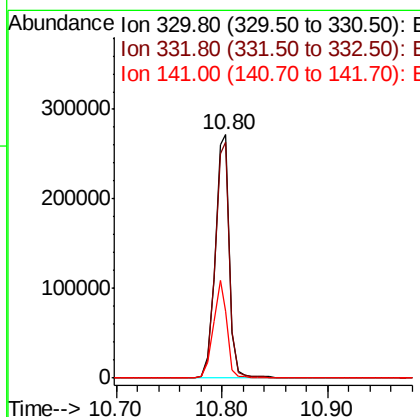
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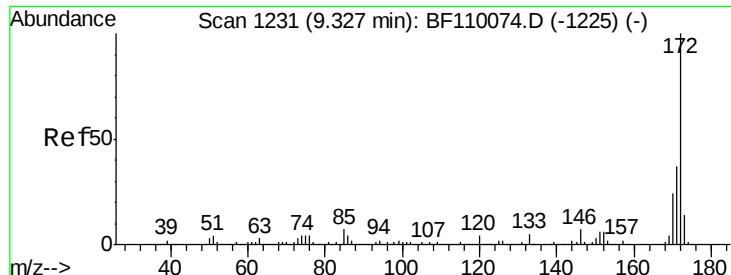
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#42
2,4,6-Tribromophenol
Concen: 96.693 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	37.6	27.0	40.4





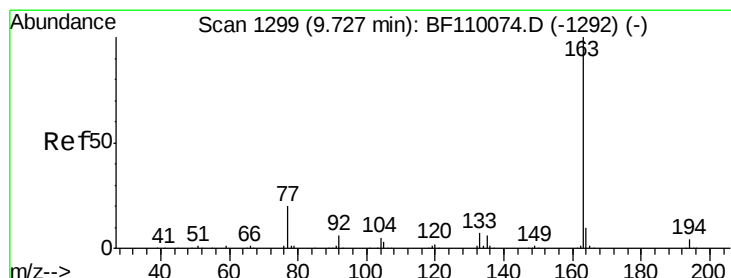
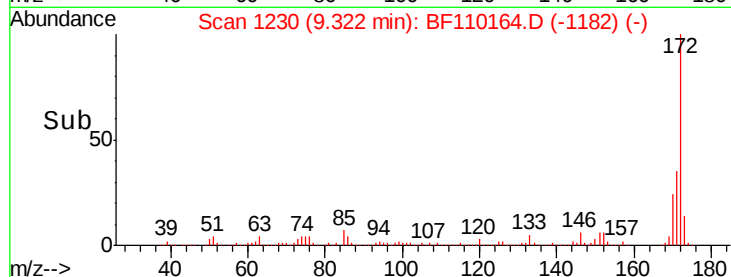
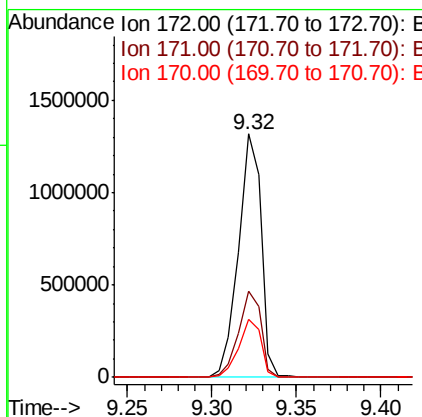
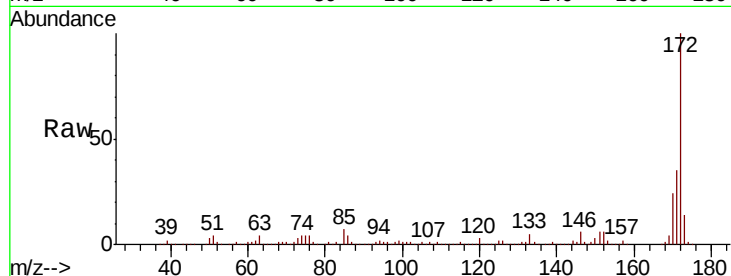
#45
2-Fluorobiphenyl
Concen: 70.951 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Instrument :
BNA_F
ClientSampleId :
HP-GRID-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.9	19.7	29.5

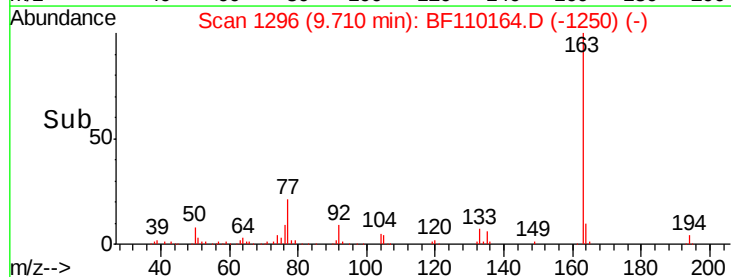
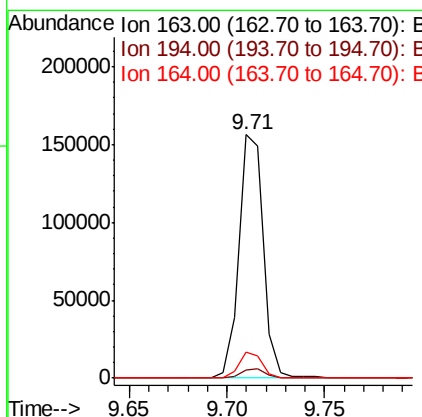
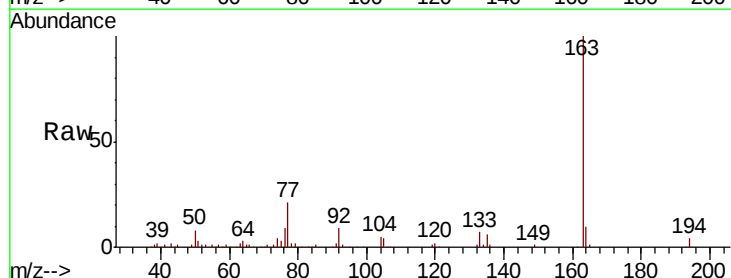
Manual Integrations
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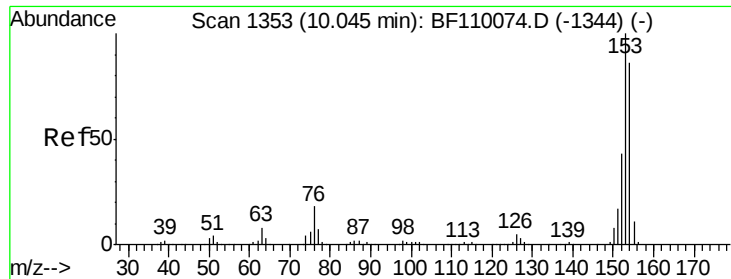
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#50
Dimethylphthalate
Concen: 6.692 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.4	8.1	12.1





#52

Acenaphthene

Concen: 2.204 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF110164.D

Acq: 25 Oct 2018 17:00

Instrument :

BNA_F

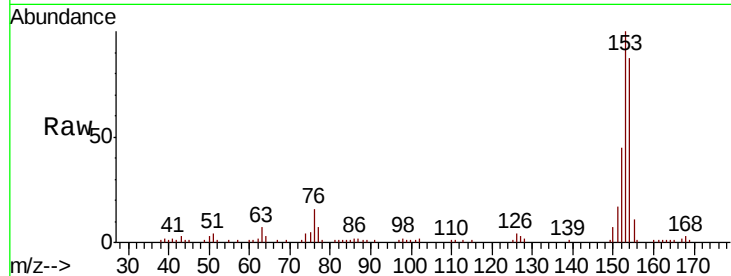
ClientSampleId :

HP-GRID-A

Tot Ion:	154	Resp:	38249
Ion Ratio	Lower	Upper	
154	100		
153	114.4	90.1	135.1
152	51.7	43.4	65.2

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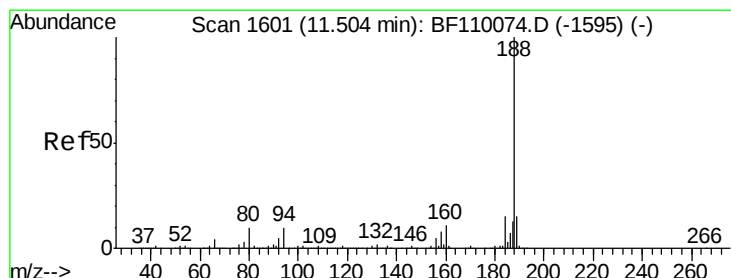
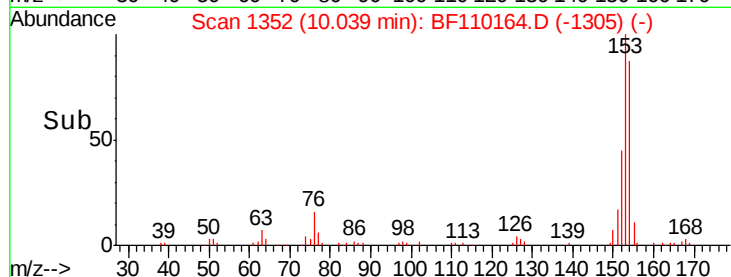
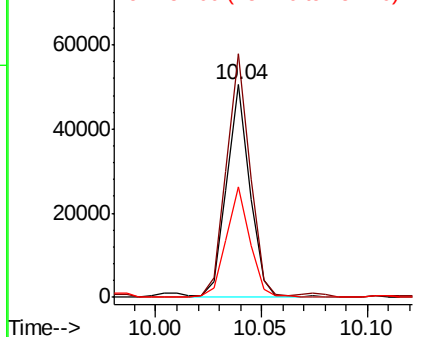


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

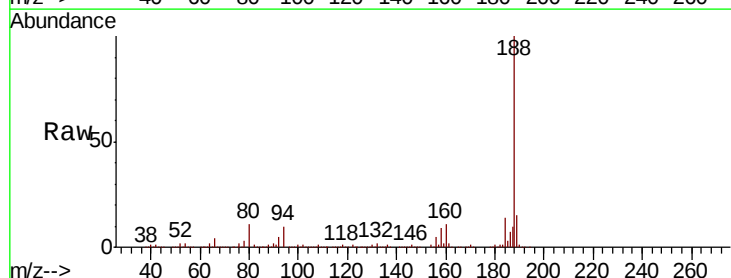
RT: 11.50 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF110164.D

Acq: 25 Oct 2018 17:00

Tgt Ion:	188	Resp:	499612
Ion Ratio	Lower	Upper	
188	100		
94	9.7	7.2	10.8
80	10.5	7.9	11.9

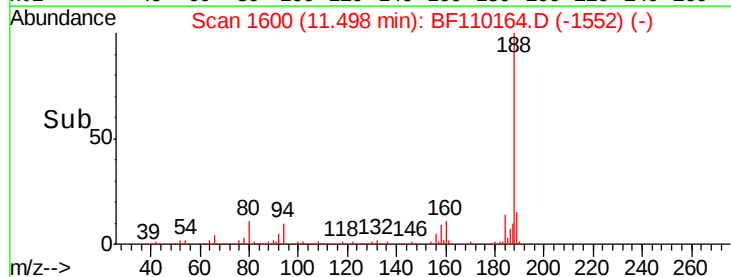
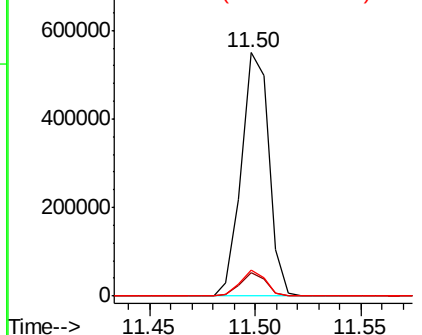


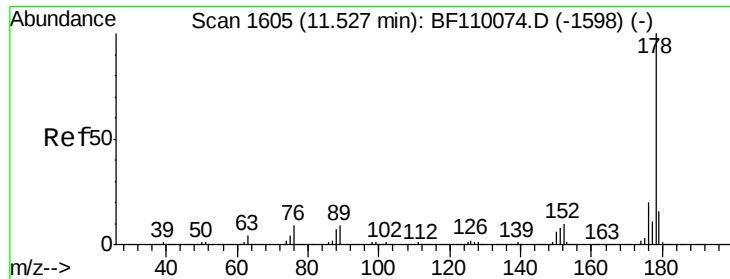
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





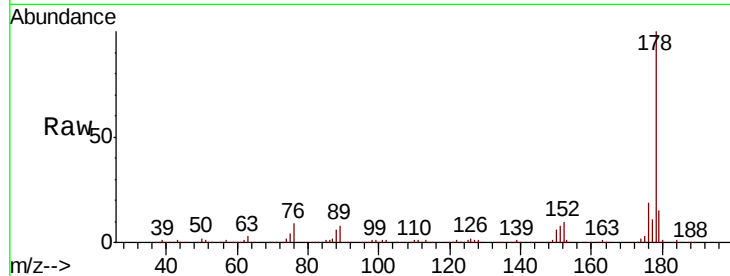
#71
Phenanthrene
Concen: 11.945 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Instrument :
BNA_F
ClientSampleId :
HP-GRID-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	14.8	12.5	18.7

Manual Integrations
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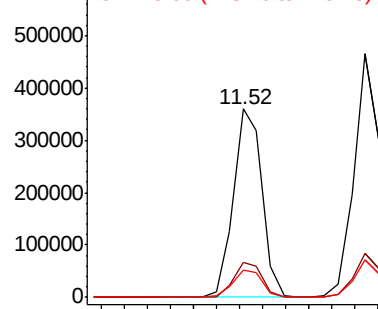


Abundance

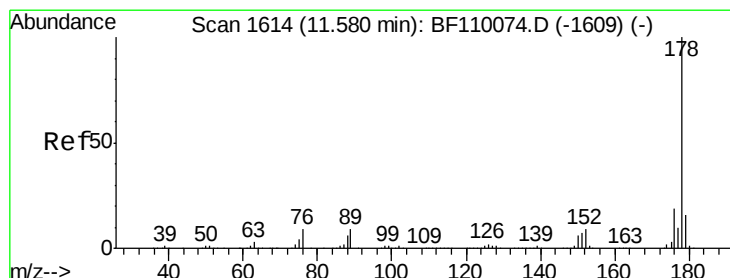
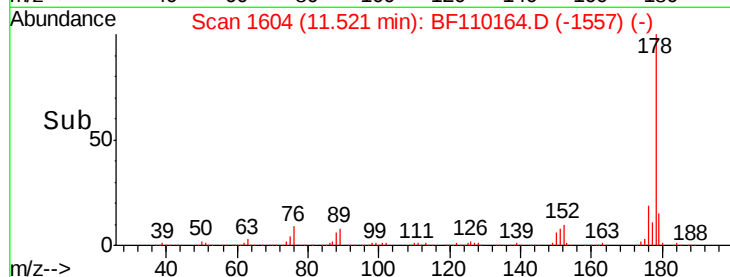
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72
Anthracene
Concen: 14.194 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

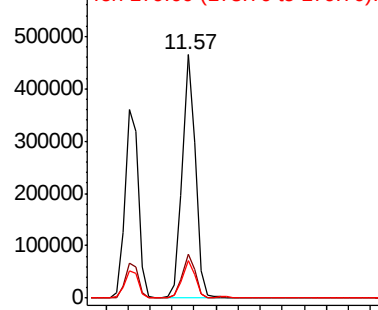
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.3	12.6	18.8

Abundance

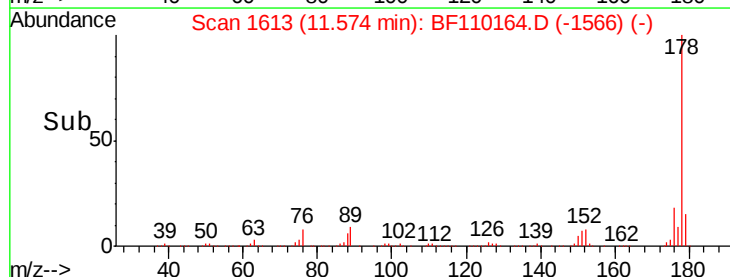
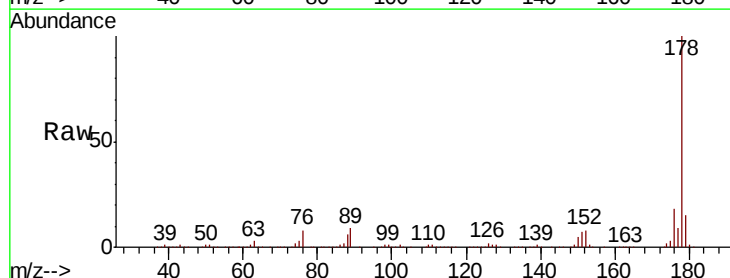
Ion 178.00 (177.70 to 178.70): E

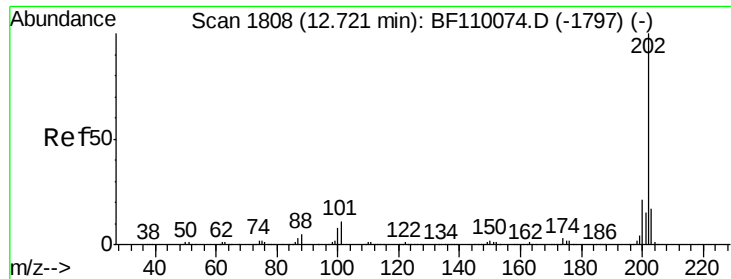
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#75

Fluoranthene

Concen: 8.841 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF110164.D

Acq: 25 Oct 2018 17:00

Instrument :

BNA_F

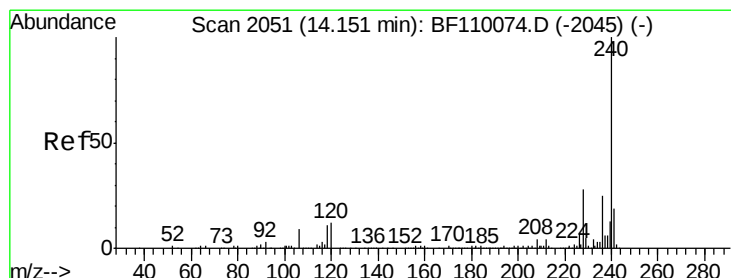
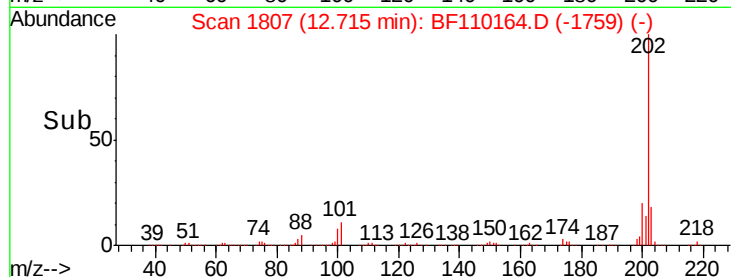
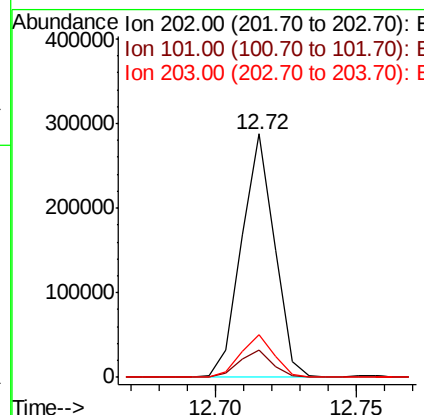
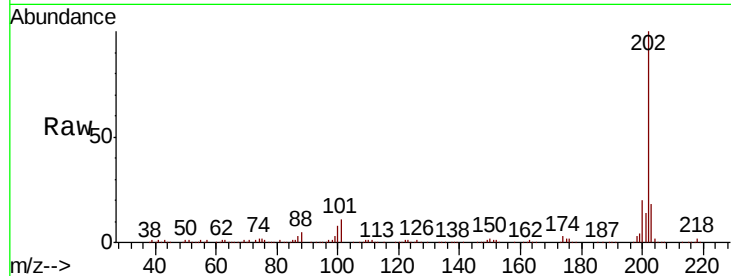
ClientSampleId :

HP-GRID-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		234560		
101	11.4	0.0	31.4		
203	17.8	0.0	37.7		

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#76

Chrysene-d12

Concen: 20.000 ng

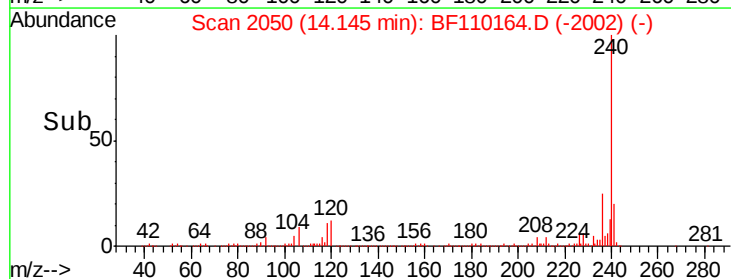
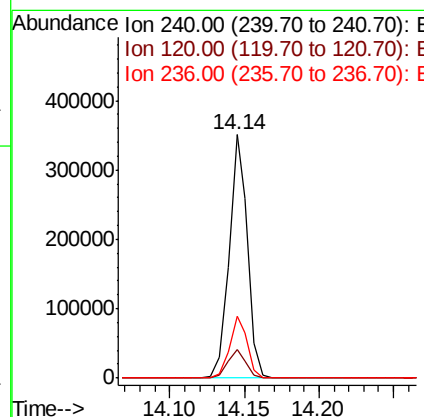
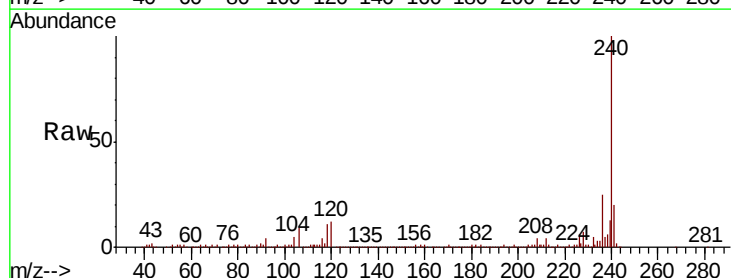
RT: 14.14 min Scan# 2050

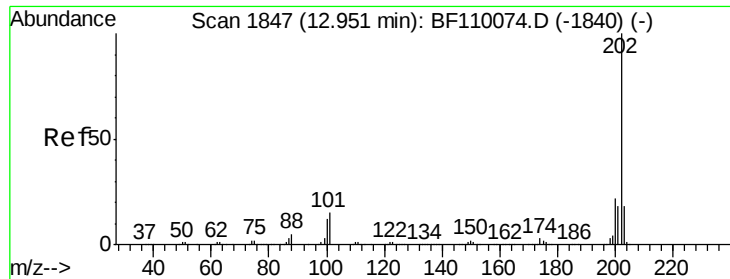
Delta R.T. -0.02 min

Lab File: BF110164.D

Acq: 25 Oct 2018 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		303112		
120	11.9	8.3	12.5		
236	25.4	21.2	31.8		





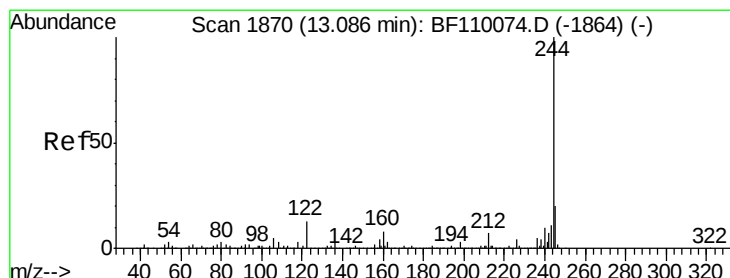
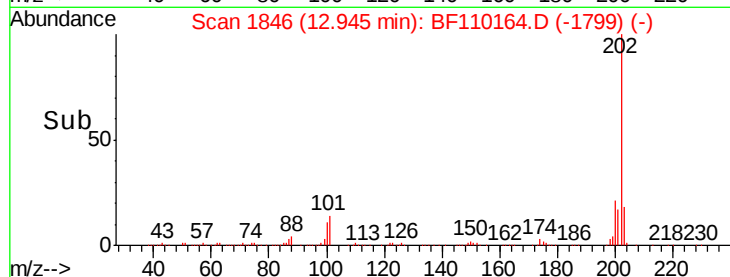
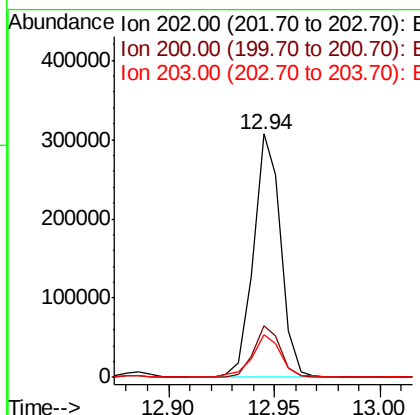
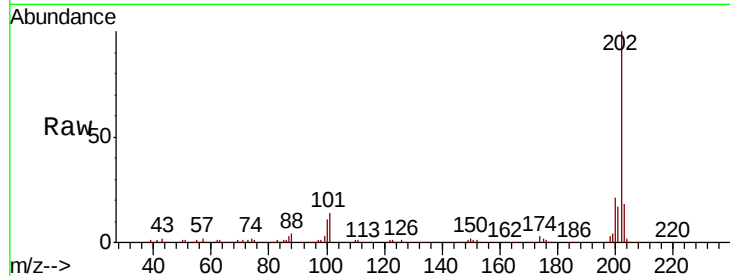
#78
Pvrene
Concen: 12.600 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Instrument :
BNA_F
ClientSampleId :
HP-GRID-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.7	14.2	21.4

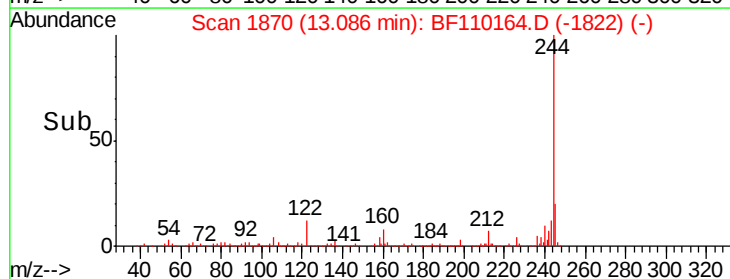
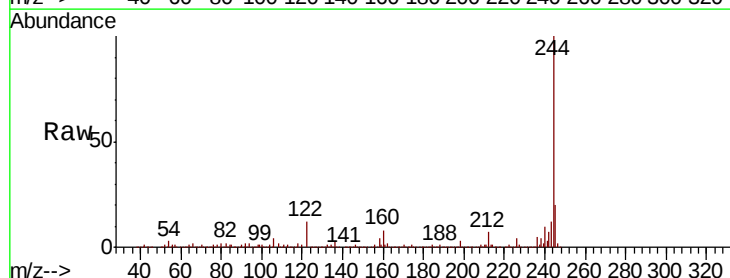
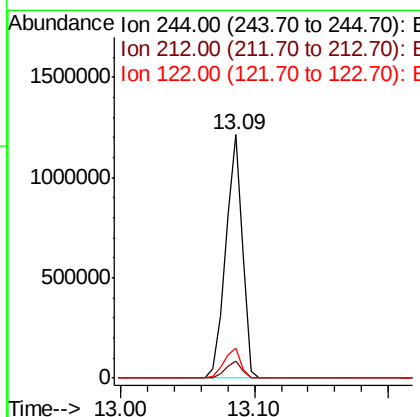
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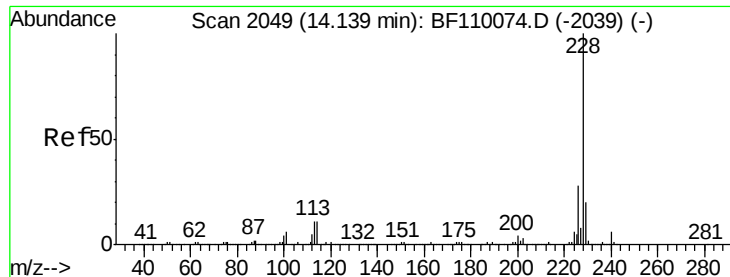
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#79
Terphenyl-d14
Concen: 73.105 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.3	8.7	13.1





#81

Benzo(a)anthracene

Concen: 4.582 ng m

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110164.D

Acq: 25 Oct 2018 17:00

Instrument :

BNA_F

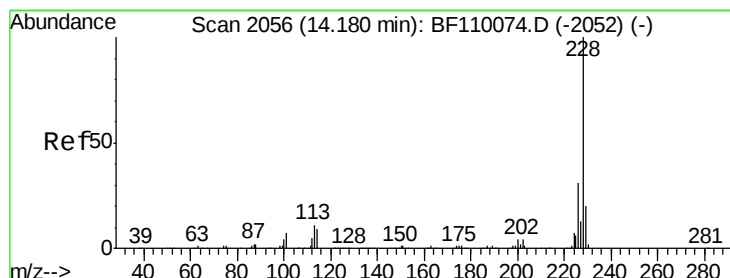
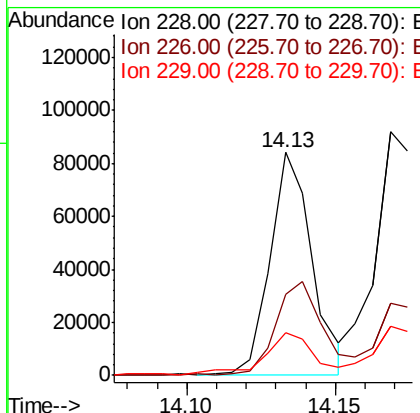
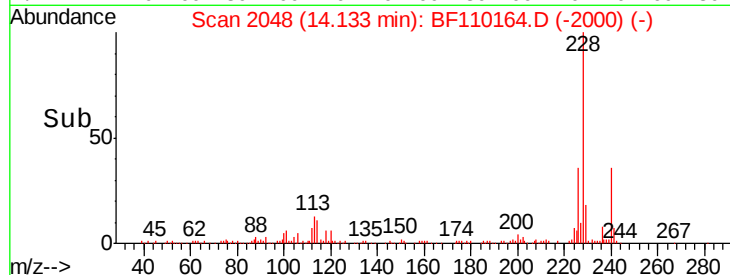
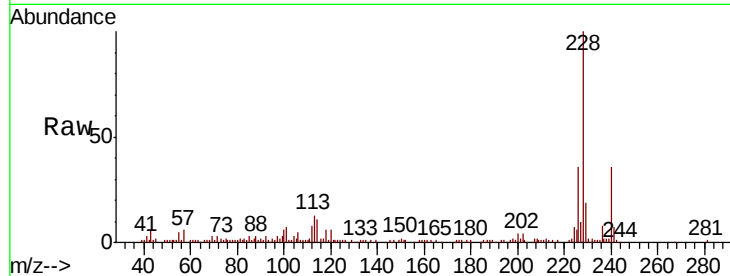
ClientSampleId :

HP-GRID-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.4	22.1	33.1#
229	18.9	15.6	23.4

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#83

Chrysene

Concen: 5.304 ng

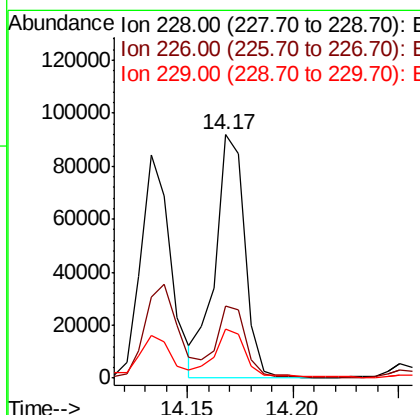
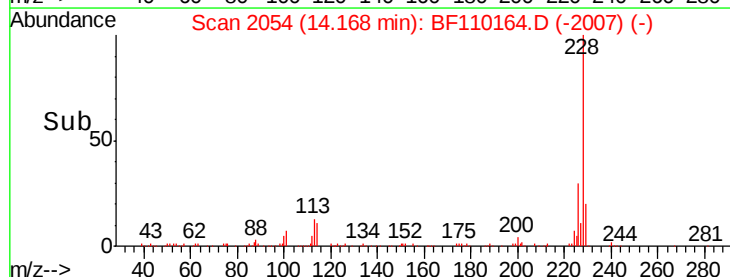
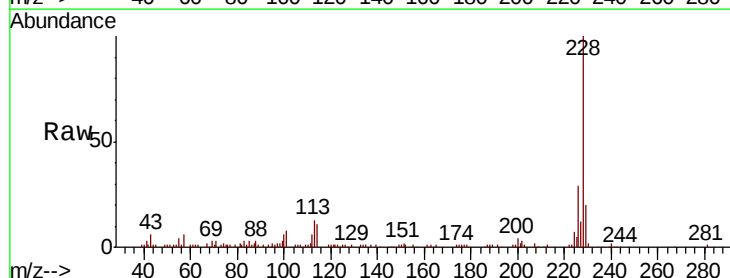
RT: 14.17 min Scan# 2054

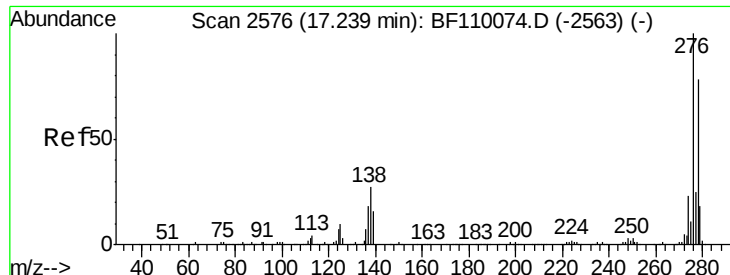
Delta R.T. -0.02 min

Lab File: BF110164.D

Acq: 25 Oct 2018 17:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.7	37.1
229	20.4	15.9	23.9





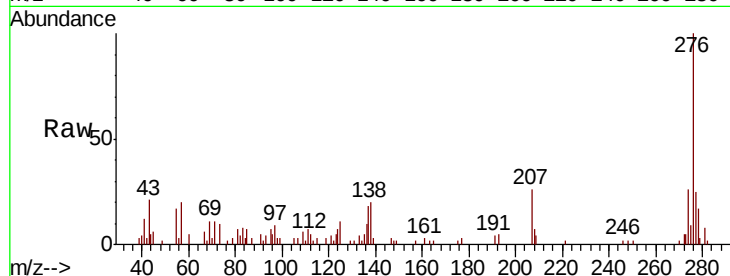
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.402 ng
 RT: 17.23 min Scan# 2574
 Delta R.T. -0.04 min
 Lab File: BF110164.D
 Acq: 25 Oct 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 HP-GRID-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	18.5	27.7
277	24.1	20.0	30.0

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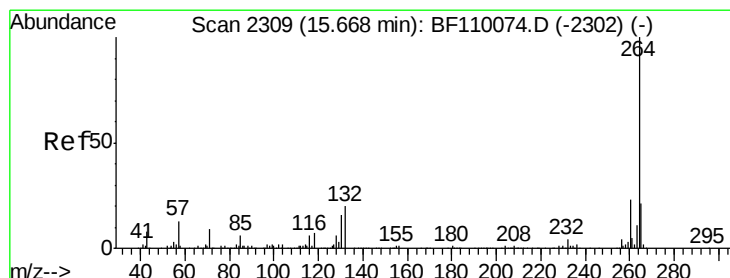
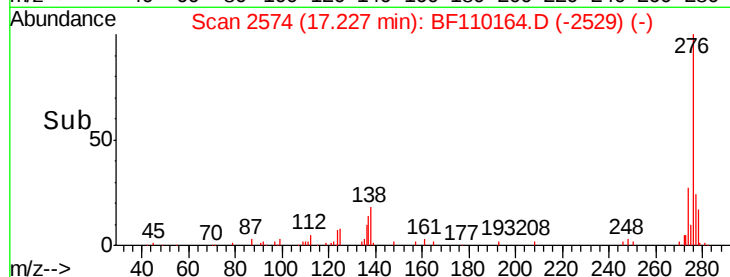
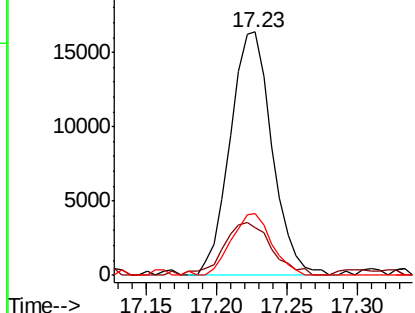


Abundance

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: 15.67 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BF110164.D
 Acq: 25 Oct 2018 17:00

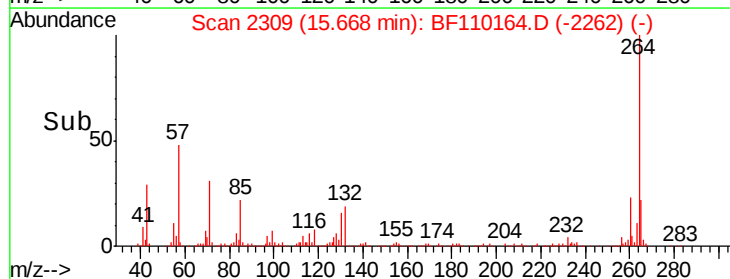
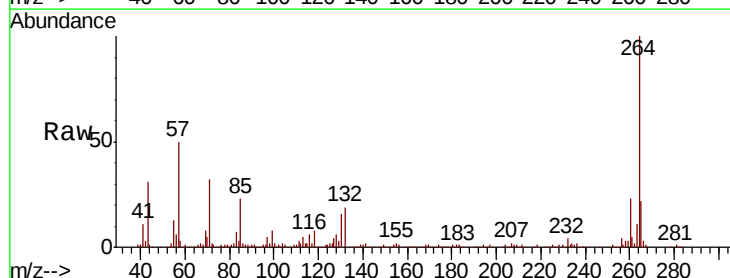
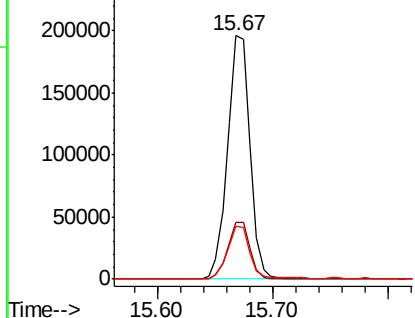
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.5	16.7	25.1

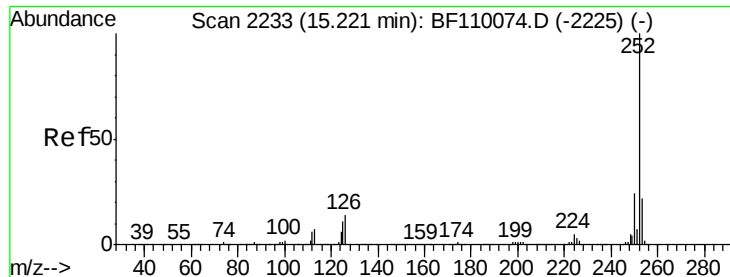
Abundance

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





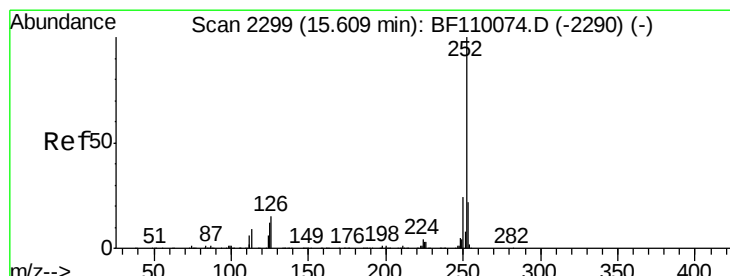
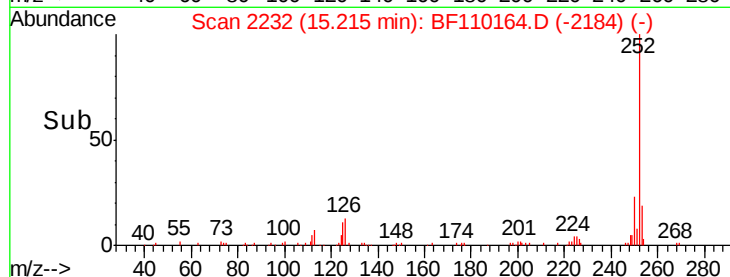
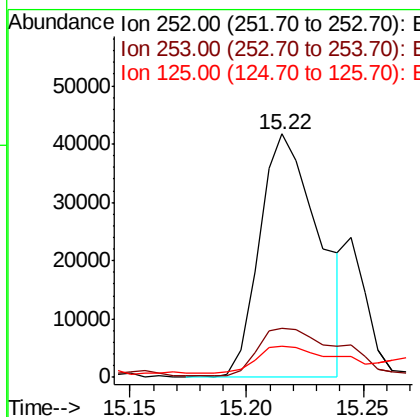
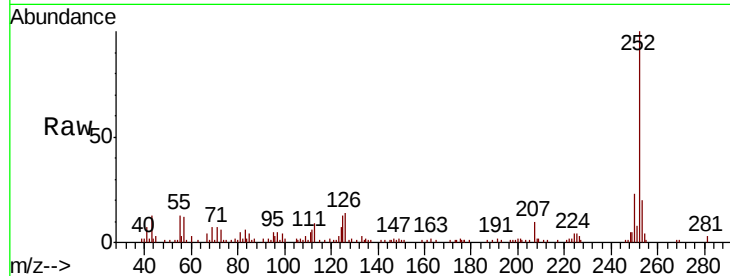
#88
Benzo(b)fluoranthene
Concen: 4.901 ng m
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Instrument :
BNA_F
ClientSampleId :
HP-GRID-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.2	25.8
125	12.8	8.2	12.4

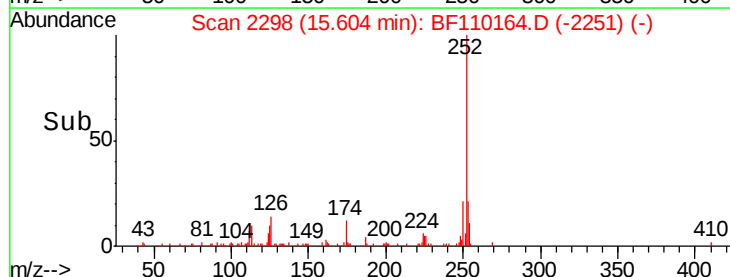
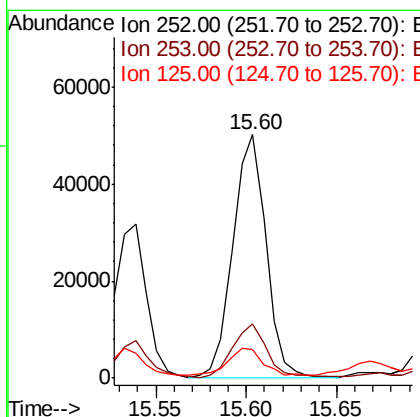
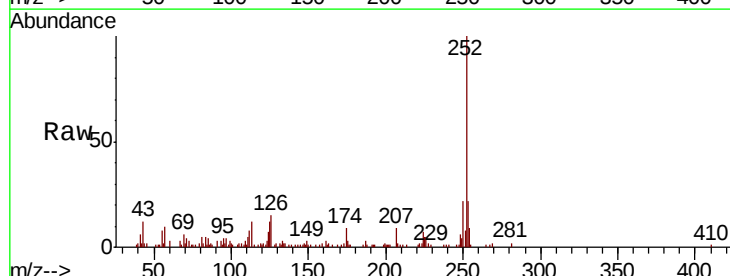
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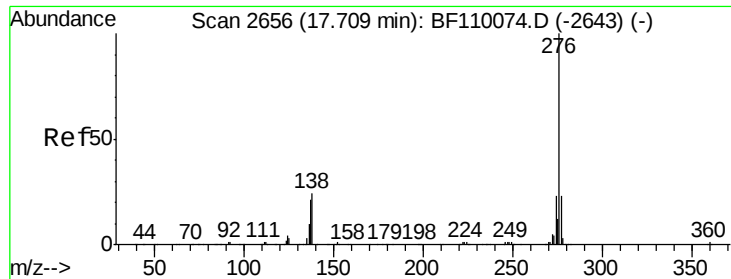
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#90
Benzo(a)pyrene
Concen: 4.592 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110164.D
Acq: 25 Oct 2018 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	11.7	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.955 ng
 RT: 17.70 min Scan# 2654
 Delta R.T. -0.04 min
 Lab File: BF110164.D
 Acq: 25 Oct 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :
 HP-GRID-A

Tot Ion:	276	Resp:	35115
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.8	28.2
138	24.3	16.0	24.0#

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