

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110564.D
 Acq On : 7 Nov 2018 19:14
 Operator : JU/SJ
 Sample : J5813-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-D

Manual Integrations
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 11/9/2018 1:35:15 PM

Quant Time: Nov 09 10:38:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68396	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	245734	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	92294	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	150122	20.00	ng	0.00
76) Chrysene-d12	14.13	240	156259	20.00	ng	0.00
87) Perylene-d12	15.67	264	107453	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	448317	106.74	ng	0.00
7) Phenol-d6	6.57	99	542295	100.94	ng	0.00
23) Nitrobenzene-d5	7.52	82	340471	82.18	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	91745	100.35	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	540592	91.97	ng	-0.01
79) Terphenyl-d14	13.07	244	445867	59.34	ng	0.00
Target Compounds						
10) Phenol	6.59	94	32943	5.737	ng	Qvalue # 72
50) Dimethylphthalate	9.70	163	72018	10.571	ng	99
71) Phenanthrene	11.51	178	16834	2.143	ng	97
75) Fluoranthene	12.70	202	41776	5.240	ng	99
78) Pyrene	12.93	202	38636	3.449	ng	97
83) Chrysene	14.16	228	23069	2.621	ng	# 96
88) Benzo(b)fluoranthene	15.21	252	23515m	3.790	ng	
90) Benzo(a)pyrene	15.60	252	12696	2.224	ng	# 76

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

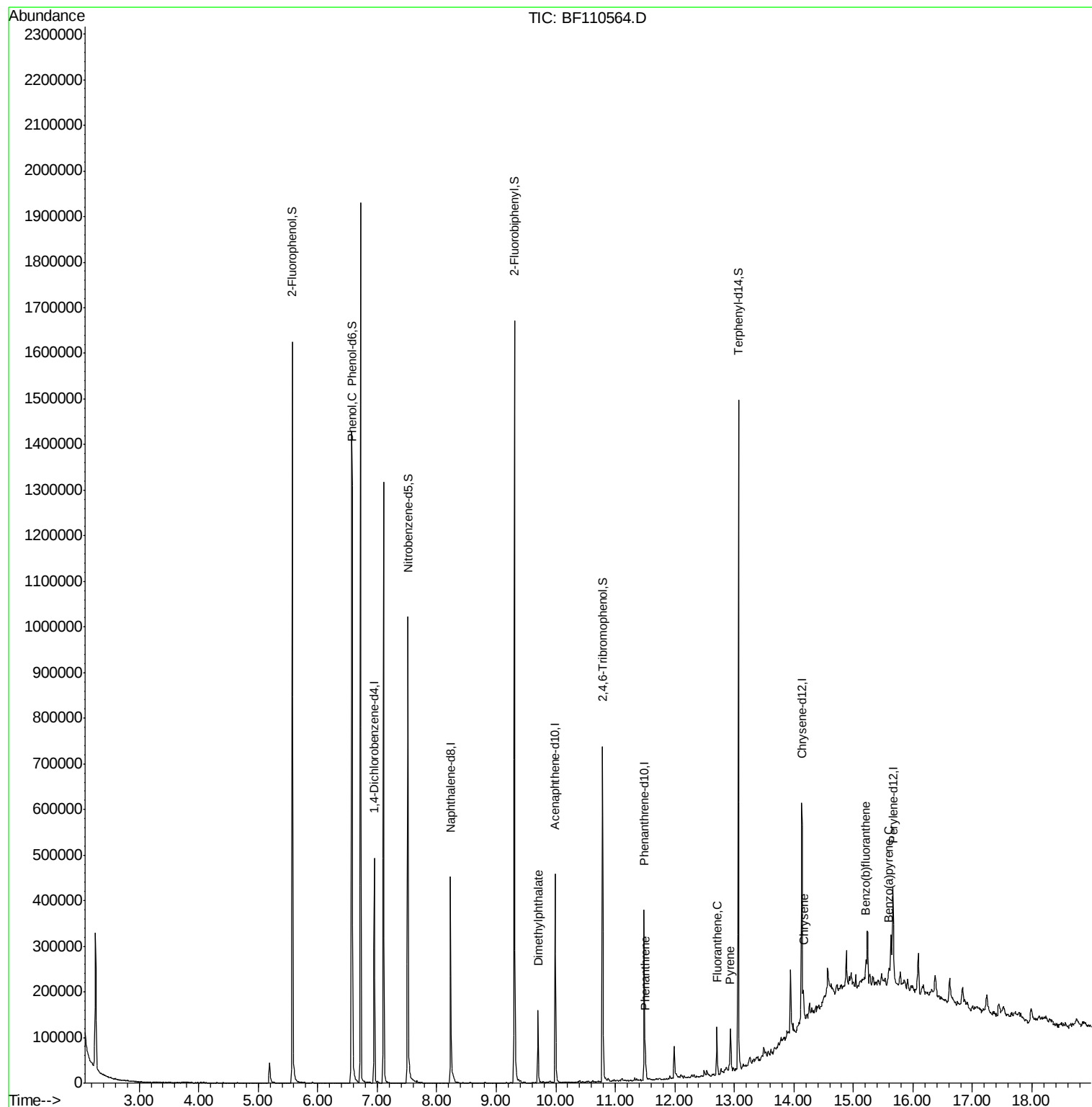
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
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Operator : JU/SJ
Sample : J5813-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

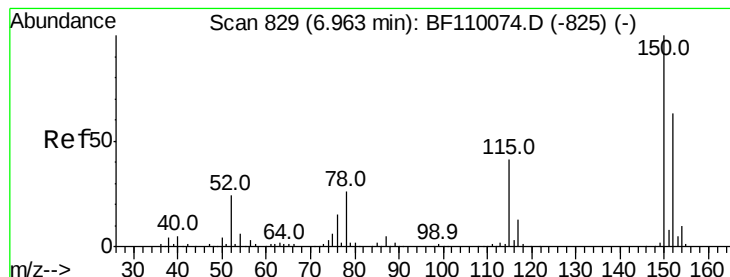
Instrument :
BNA_F
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TS-D

Quant Time: Nov 09 10:38:49 2018
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#1

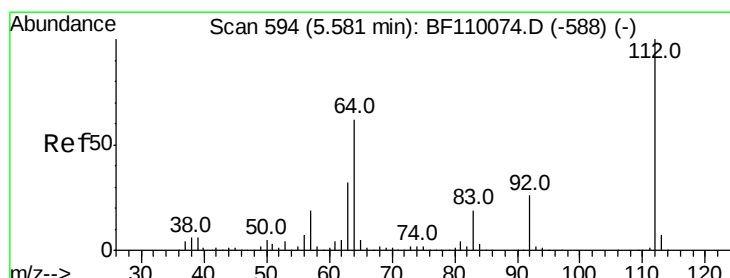
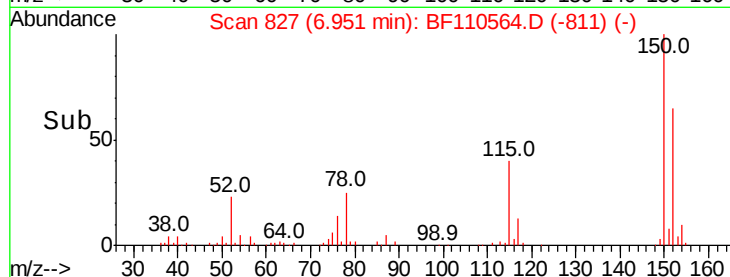
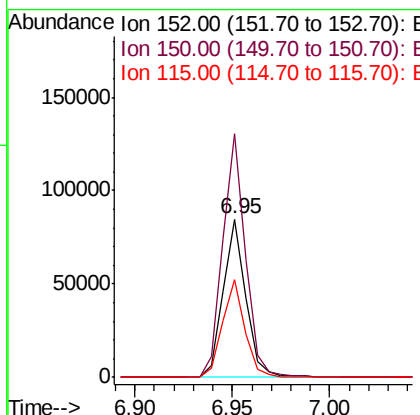
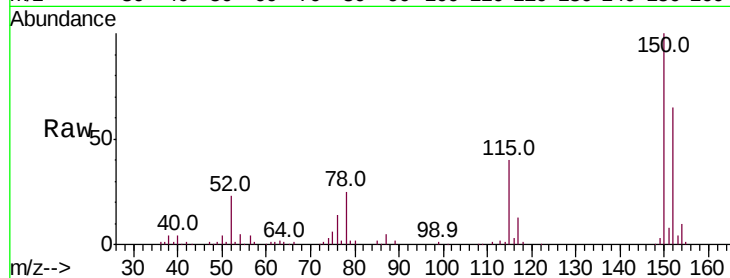
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Instrument :
BNA_F
ClientSampleId :
TS-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.7	184.1
115	61.5	49.1	73.7

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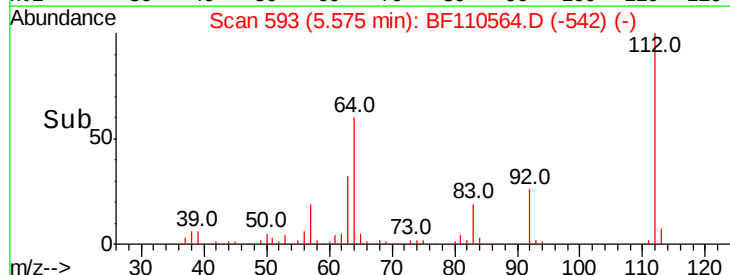
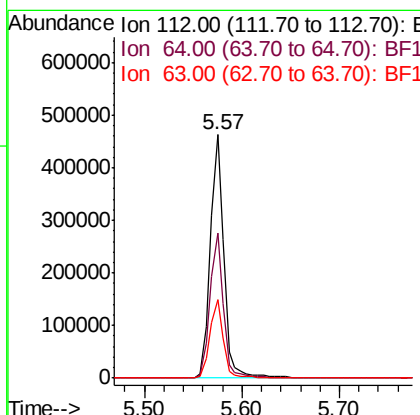
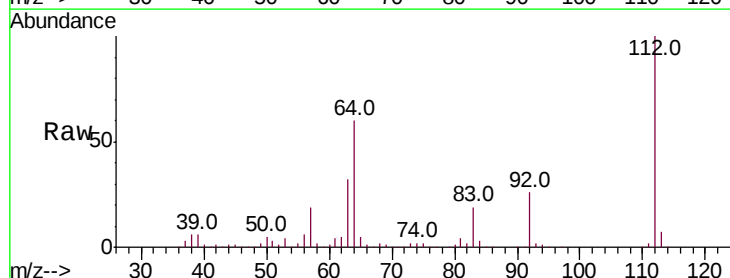
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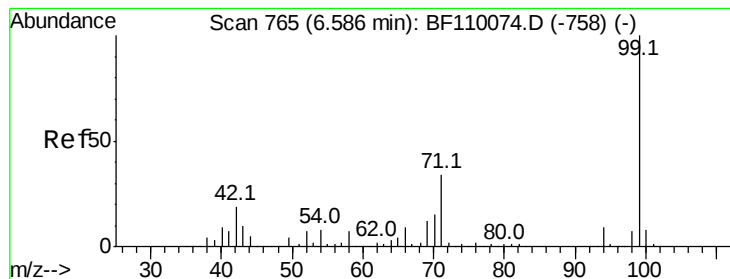


#5

2-Fluorophenol
Concen: 106.741 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.1	66.1
63	32.2	23.7	35.5





#7

Phenol-d6

Concen: 100.945 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110564.D

Acq: 7 Nov 2018 19:14

Instrument :

BNA_F

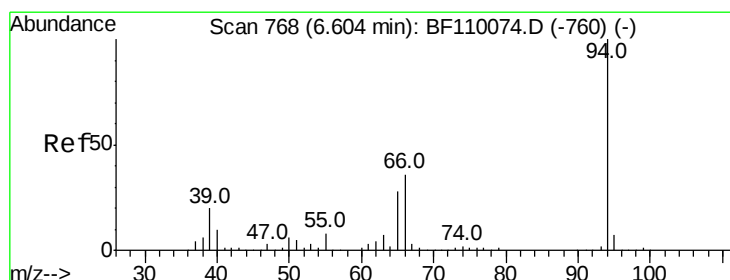
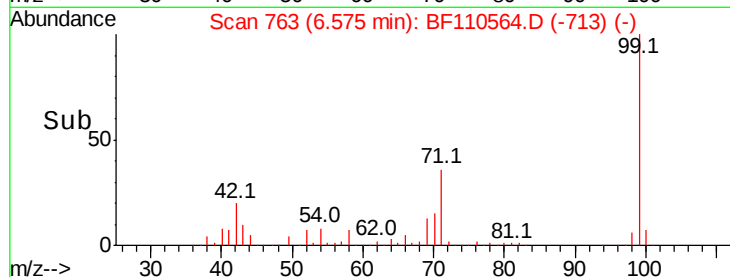
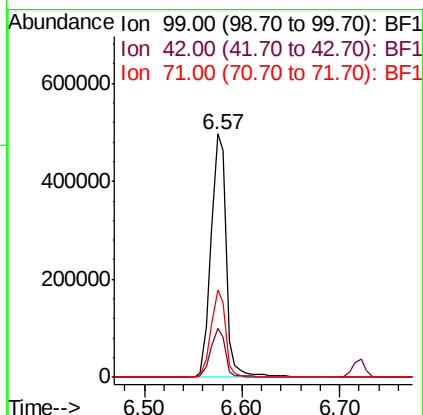
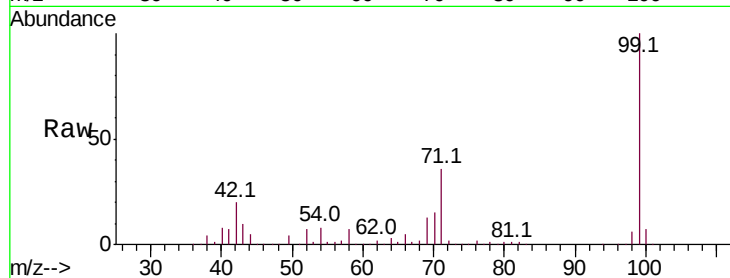
ClientSampled :

TS-D

Tot Ion:	99	Resp:	542295
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.8	23.6
71	35.9	28.0	42.0

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#10

Phenol

Concen: 5.737 ng

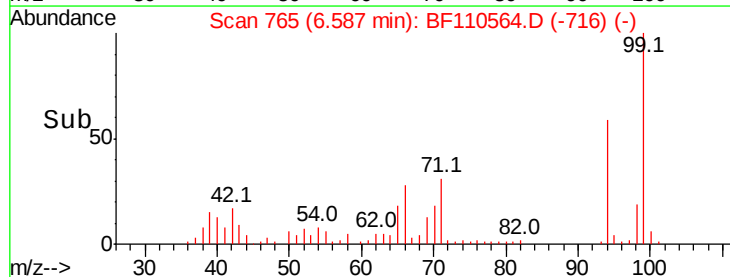
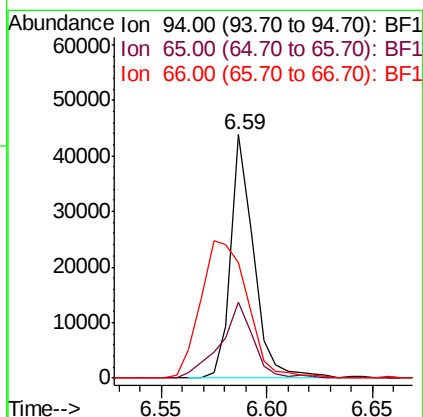
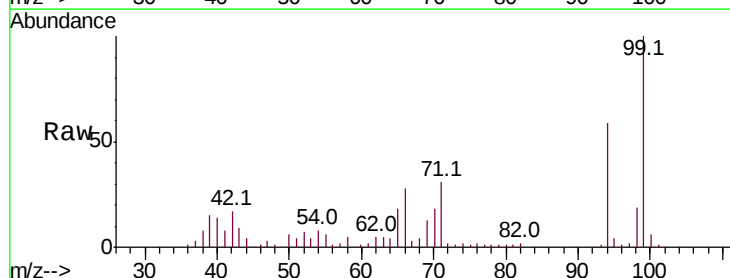
RT: 6.59 min Scan# 765

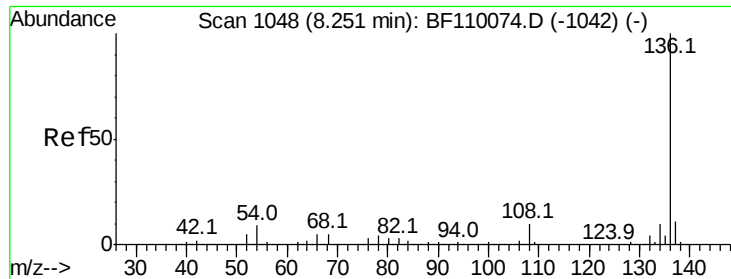
Delta R.T. -0.01 min

Lab File: BF110564.D

Acq: 7 Nov 2018 19:14

Tgt Ion:	94	Resp:	32943
Ion Ratio	Lower	Upper	
94	100		
65	31.0	25.3	65.3
66	47.6	54.5	94.5#





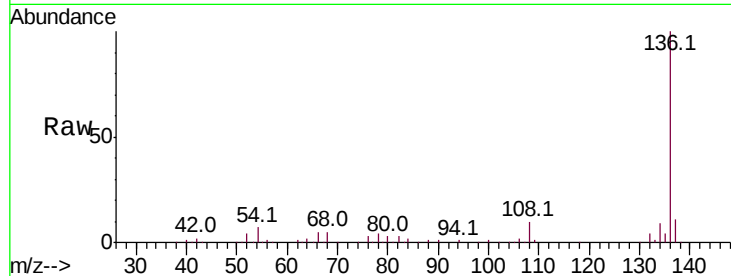
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Instrument :
BNA_F
ClientSampleId :
TS-D

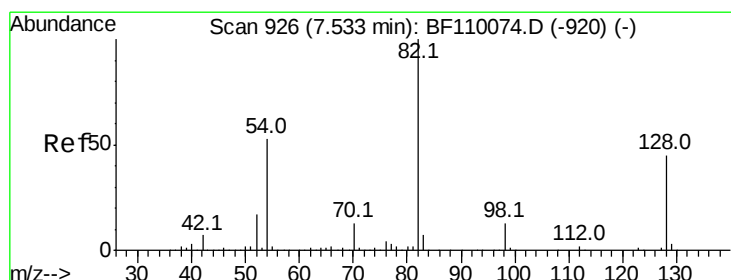
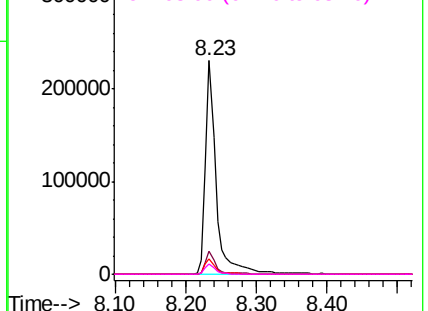
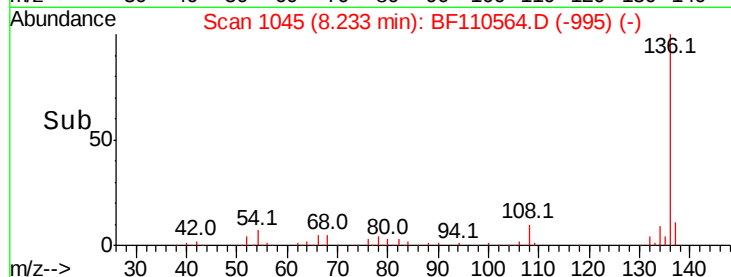
Tot Ion	Ratio	Resp	Lower	Upper
136	100	245734		
137	11.0		8.8	13.2
54	7.5		5.4	8.2
68	4.9		4.2	6.2

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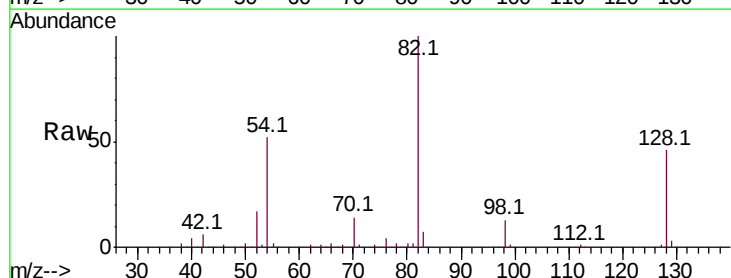


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

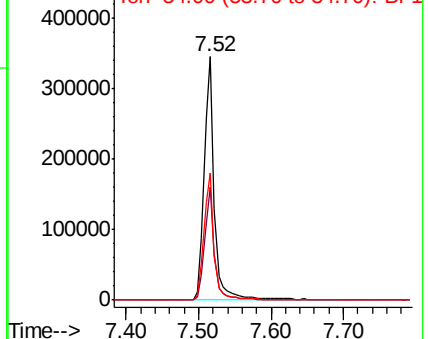
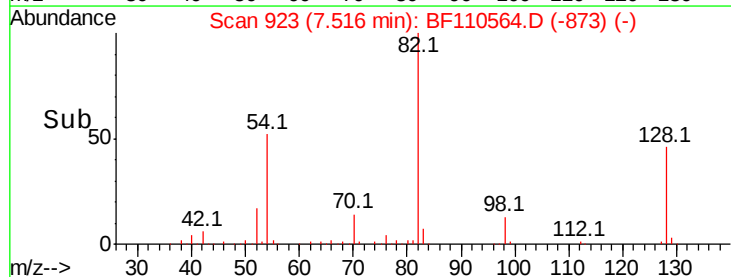


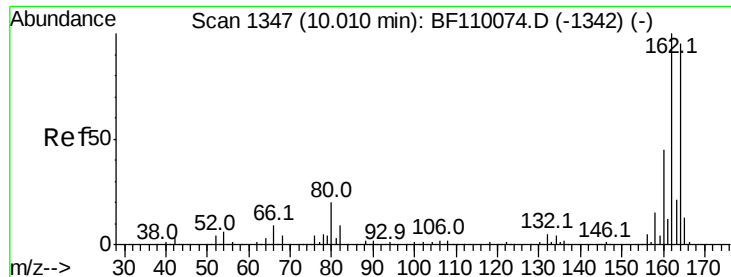
#23
Nitrobenzene-d5
Concen: 82.180 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	340471		
128	46.5		34.2	51.2
54	52.1		38.6	58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





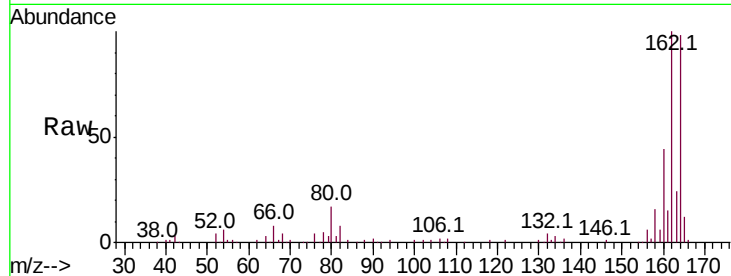
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Instrument :
BNA_F
ClientSampled :
TS-D

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	44.8	37.0	55.6

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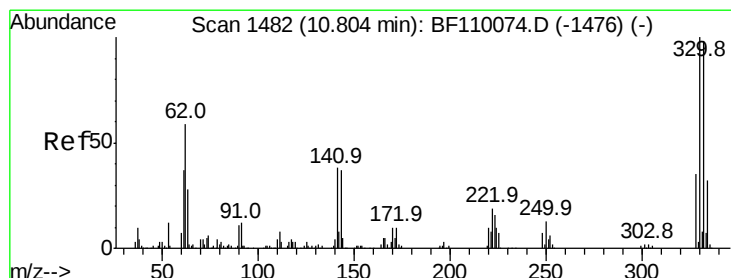
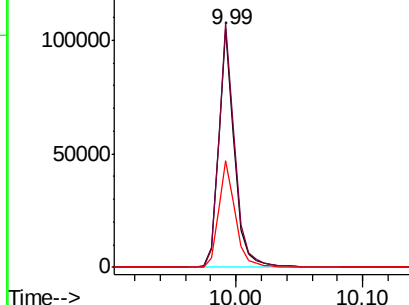
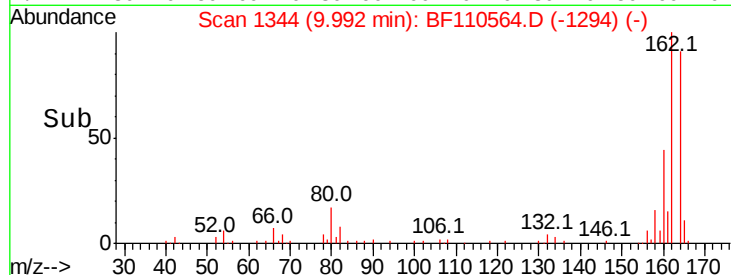


Abundance

Ion 164.00 (163.70 to 164.70): E

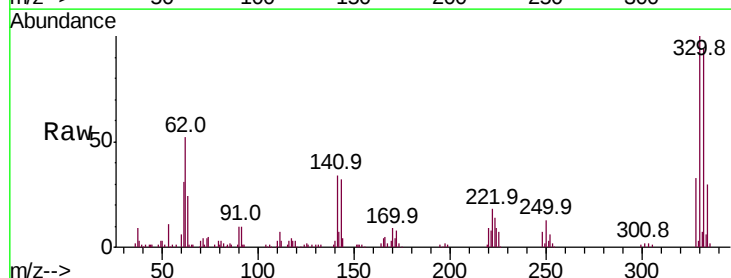
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 100.352 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.1	115.7
141	37.1	27.0	40.4

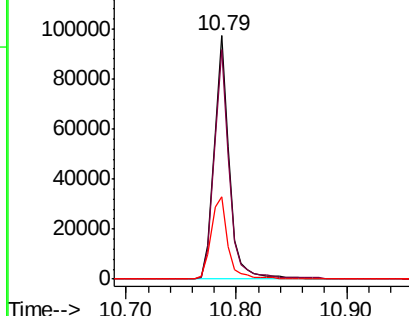
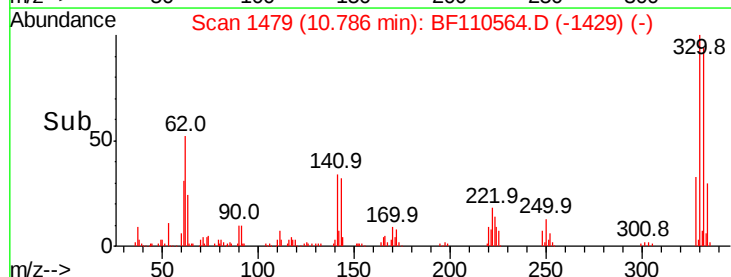


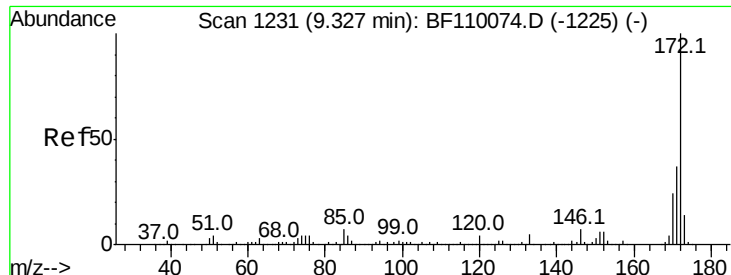
Abundance

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





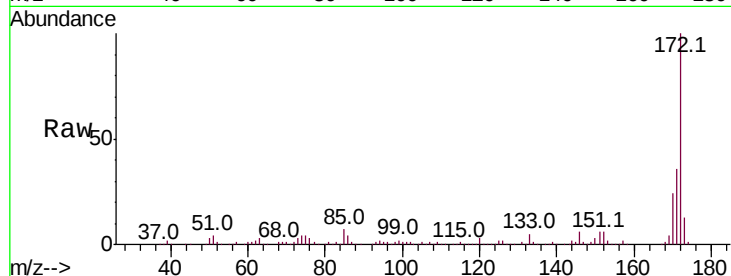
#45
2-Fluorobiphenyl
Concen: 91.974 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	28.6	43.0	
170	23.5	19.7	29.5	

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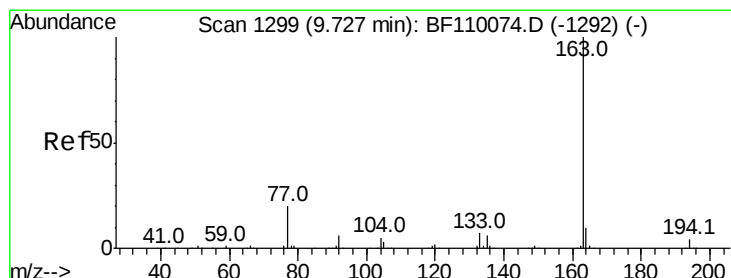
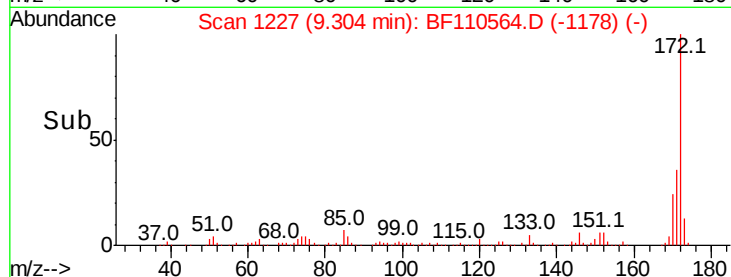
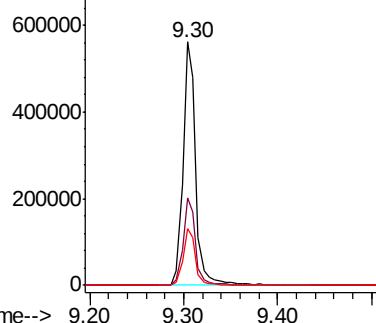


Abundance

Ion 172.00 (171.70 to 172.70): E

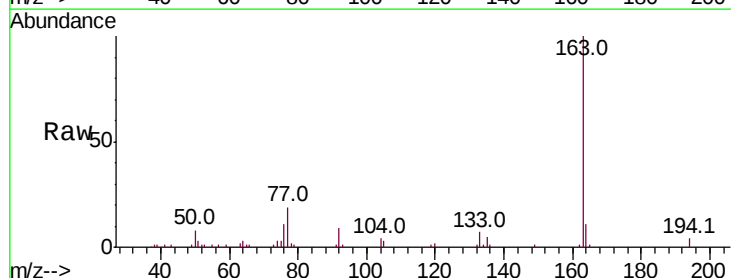
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 10.571 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	3.2	4.8	
164	10.6	8.1	12.1	

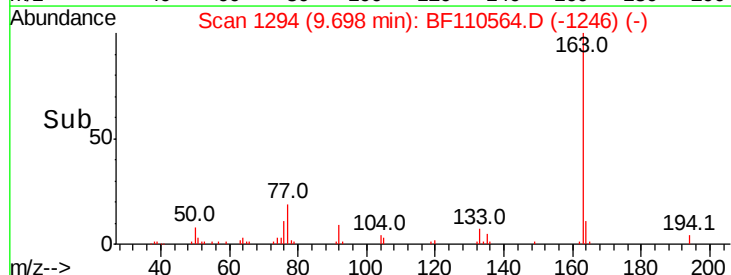
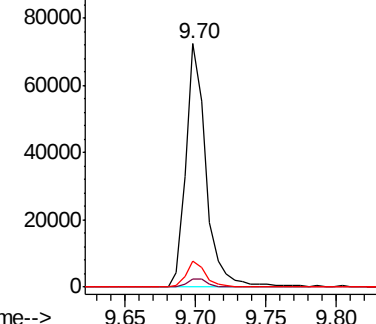


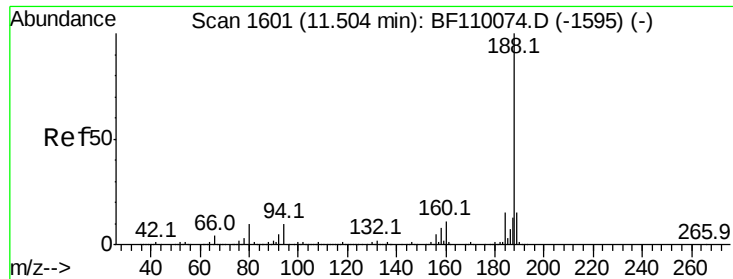
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110564.D

Acq: 7 Nov 2018 19:14

Instrument :

BNA_F

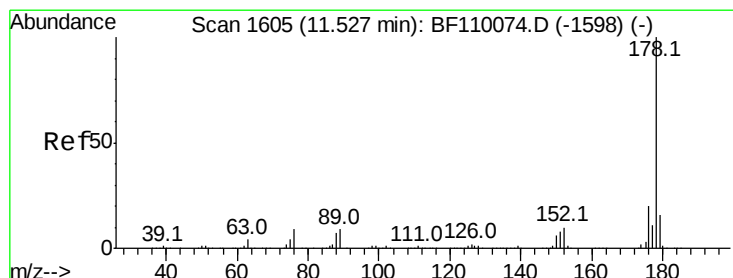
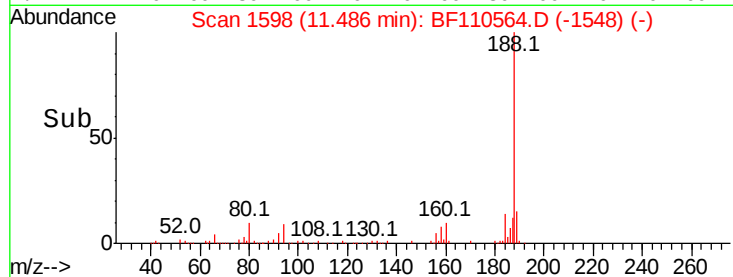
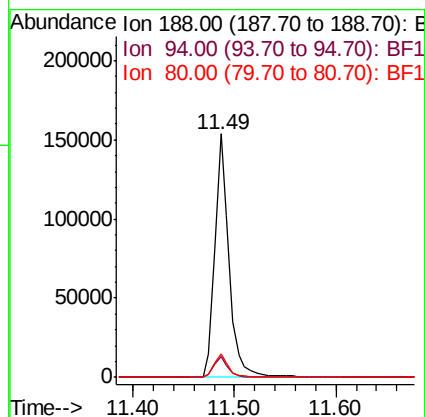
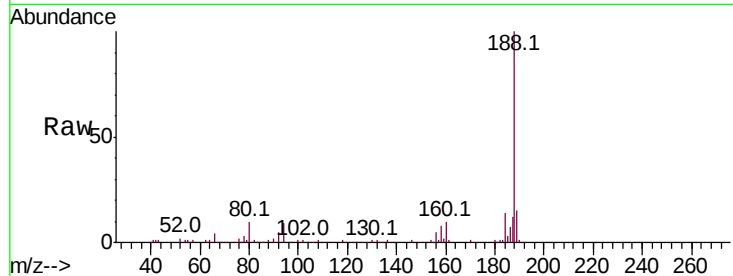
ClientSampleId :

TS-D

Tot Ion:	188	Resp:	150122
Ion Ratio	Lower	Upper	
188	100		
94	8.5	7.2	10.8
80	9.6	7.9	11.9

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#71

Phenanthrene

Concen: 2.143 ng

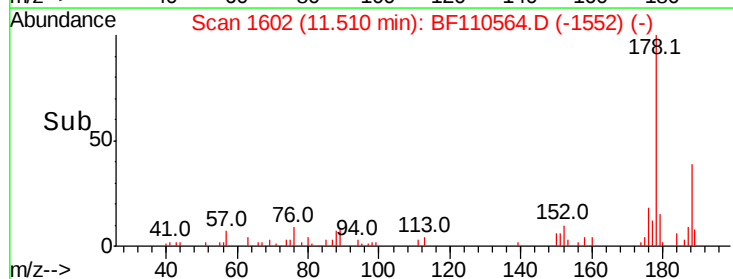
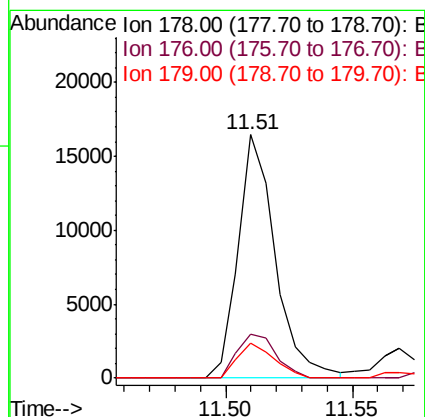
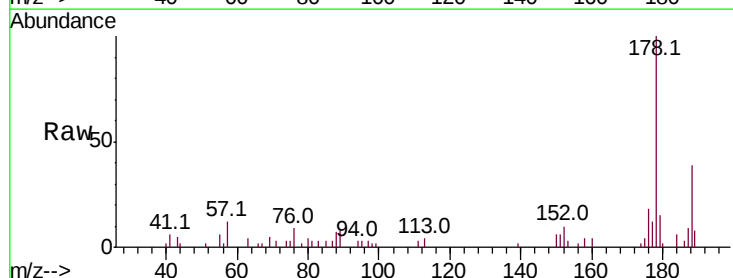
RT: 11.51 min Scan# 1602

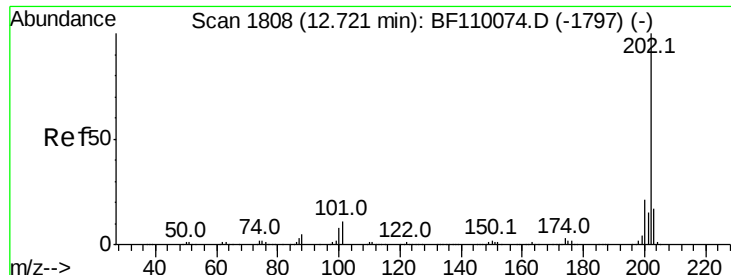
Delta R.T. -0.01 min

Lab File: BF110564.D

Acq: 7 Nov 2018 19:14

Tgt Ion:	178	Resp:	16834
Ion Ratio	Lower	Upper	
178	100		
176	18.0	15.5	23.3
179	14.5	12.5	18.7





#75

Fluoranthene

Concen: 5.240 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110564.D

Acq: 7 Nov 2018 19:14

Instrument :

BNA_F

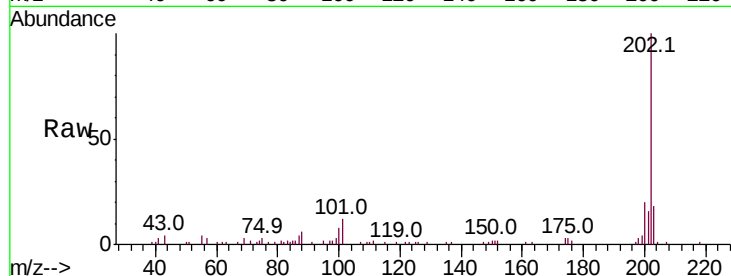
ClientSampleId :

TS-D

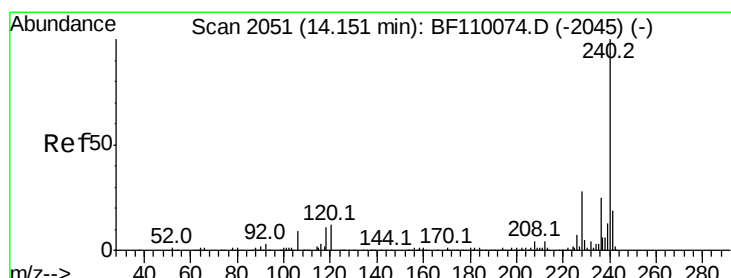
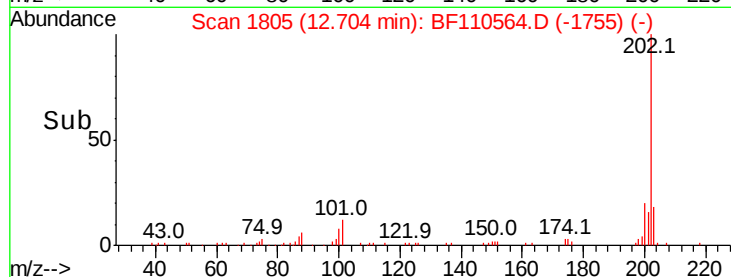
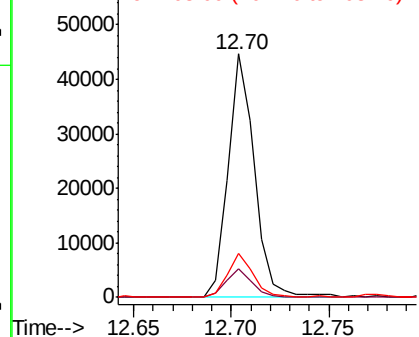
Tot Ion:	202	Resp:	41776
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	31.4
203	17.9	0.0	37.7

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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

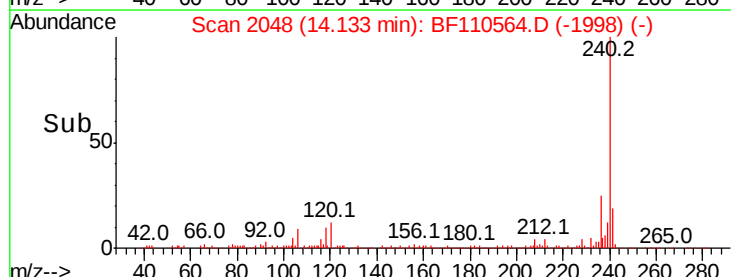
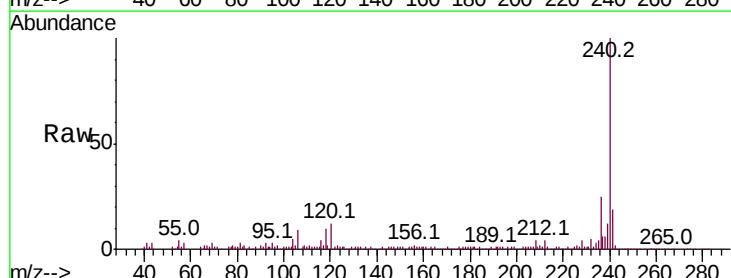
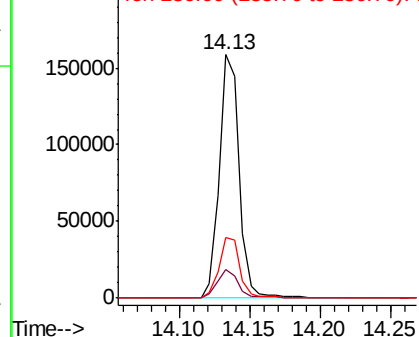
Delta R.T. -0.01 min

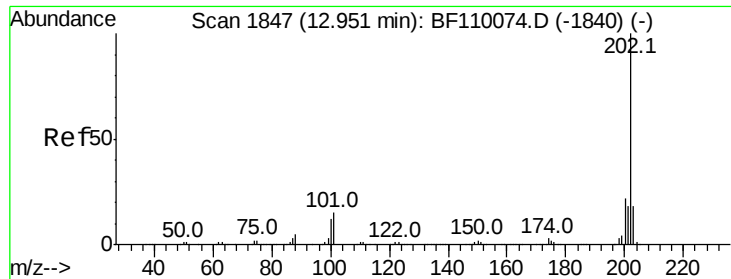
Lab File: BF110564.D

Acq: 7 Nov 2018 19:14

Tgt Ion:	240	Resp:	156259
Ion Ratio	Lower	Upper	
240	100		
120	12.0	8.3	12.5
236	25.1	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





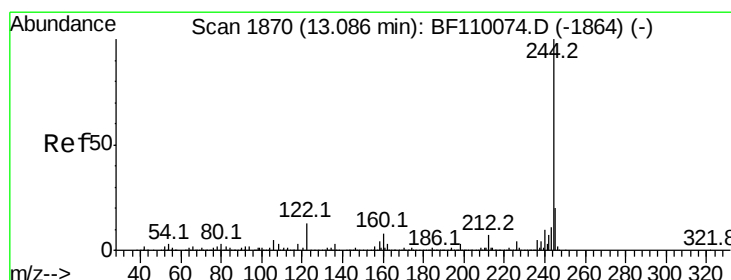
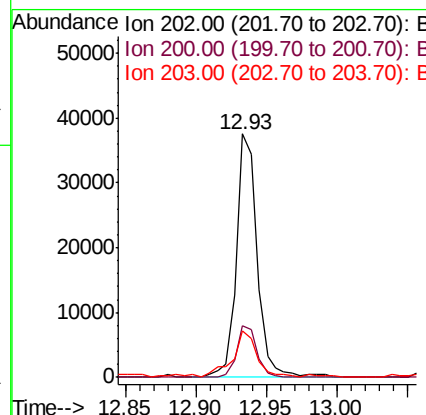
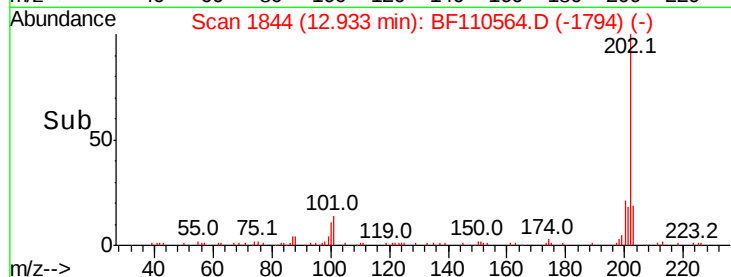
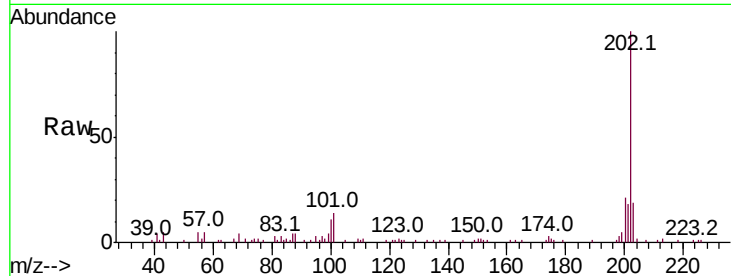
#78
Pvrene
Concen: 3.449 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Instrument :
BNA_F
ClientSampled :
TS-D

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	19.1	14.2	21.4

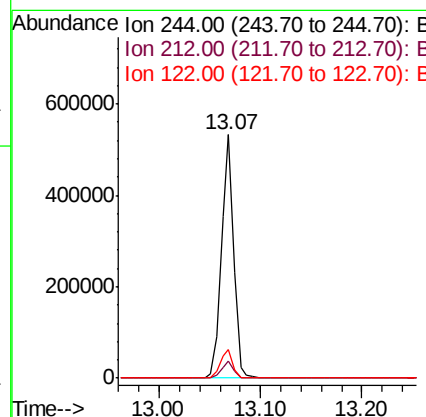
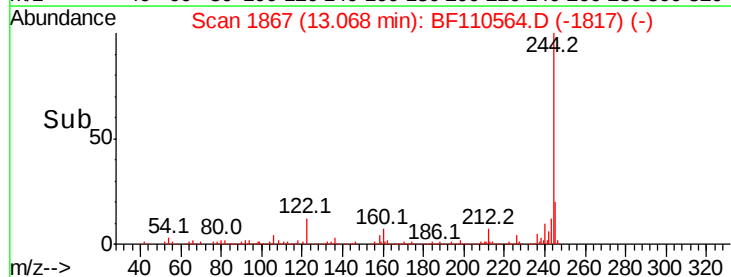
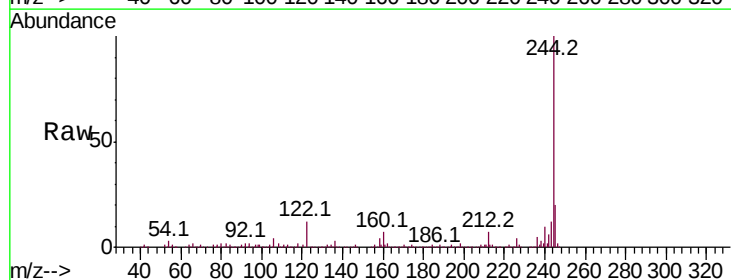
Manual Integrations
APPROVED

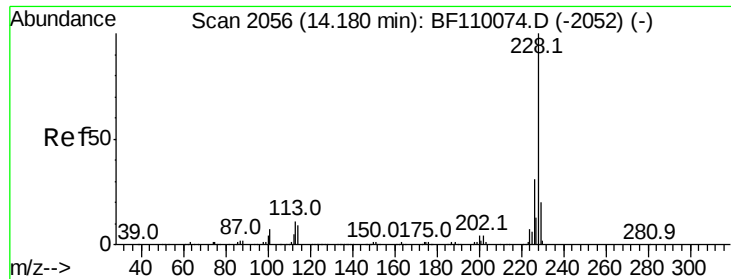
Sohil
11/9/2018 1:35:15 PM



#79
Terphenyl-d14
Concen: 59.342 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.8	8.7	13.1





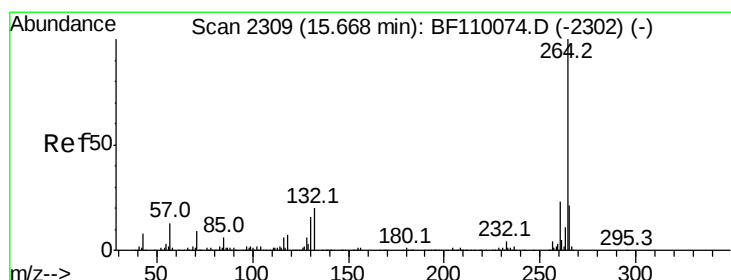
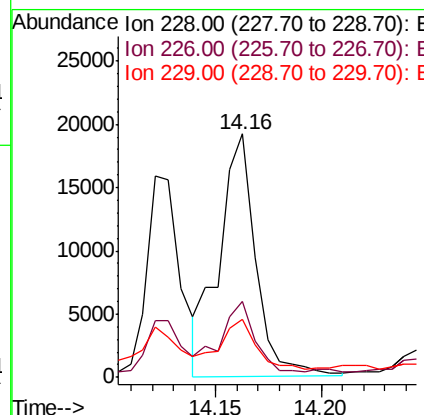
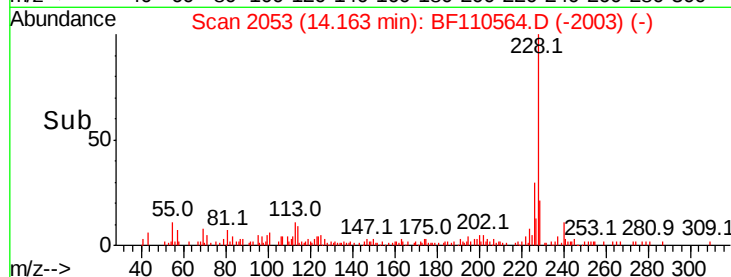
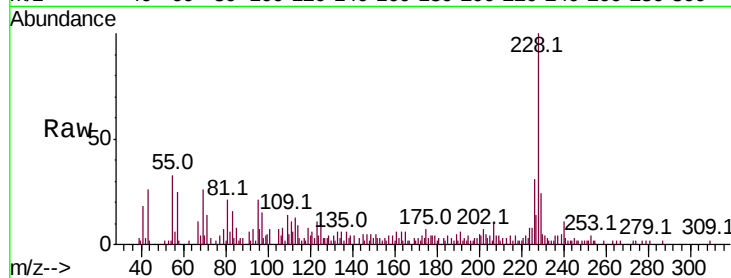
#83
Chrysene
Concen: 2.621 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Instrument :
BNA_F
ClientSampled :
TS-D

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	24.0	15.9	23.9

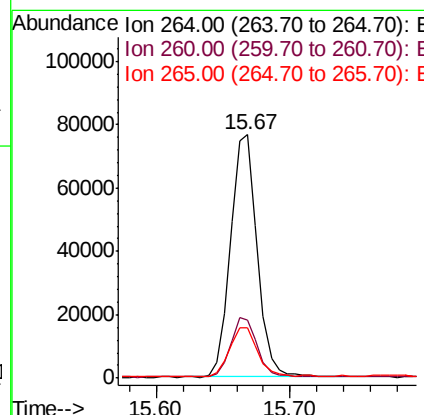
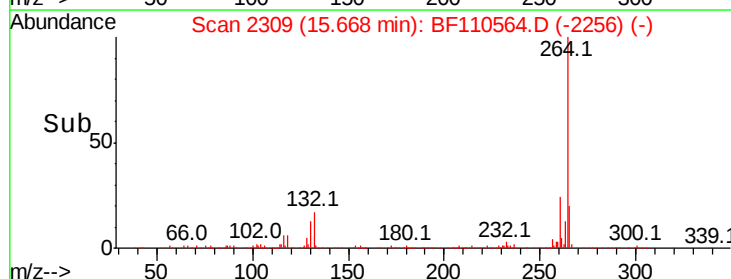
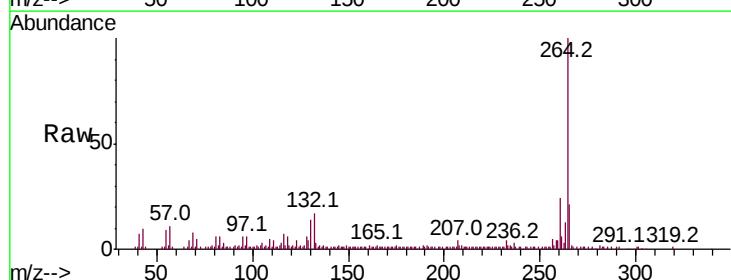
Manual Integrations
APPROVED

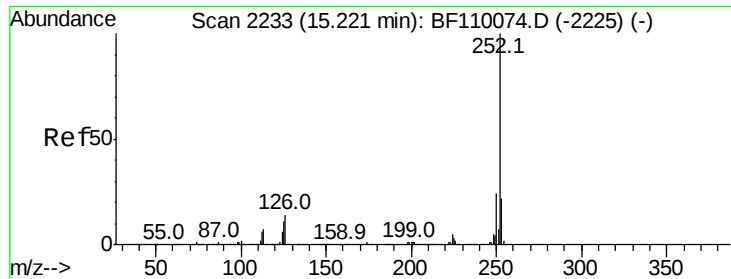
Sohil
11/9/2018 1:35:15 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	20.8	16.7	25.1





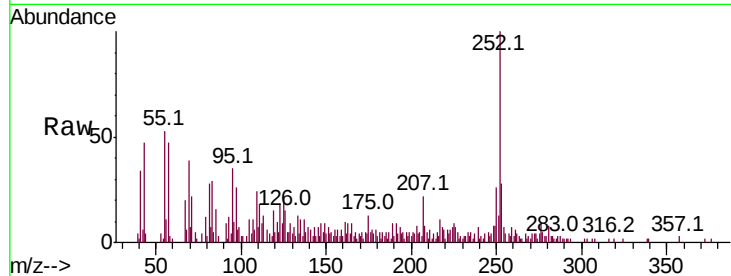
#88
Benzo(b)fluoranthene
Concen: 3.790 ng/mL
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Instrument :
BNA_F
ClientSampled :
TS-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.2	25.8#
125	21.9	8.2	12.4#

Manual Integrations
APPROVED

Sohil
11/9/2018 1:35:15 PM

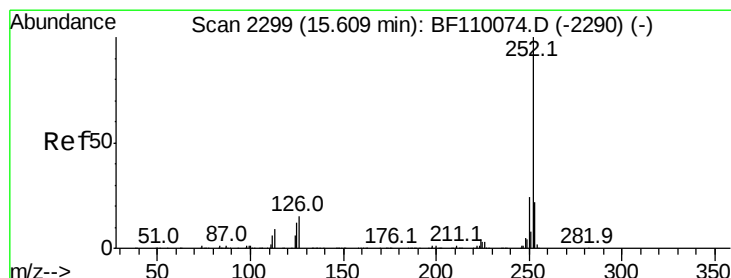
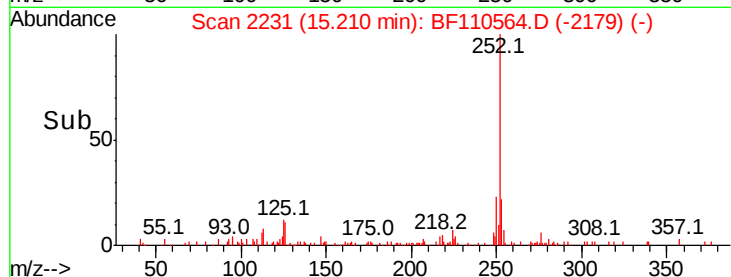
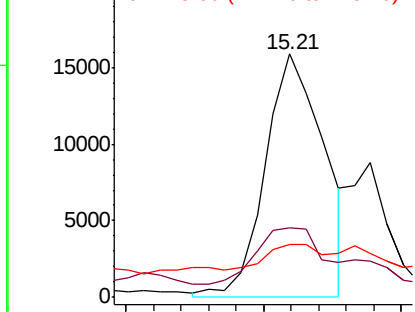


Abundance

Ion 252.00 (251.70 to 252.70): E

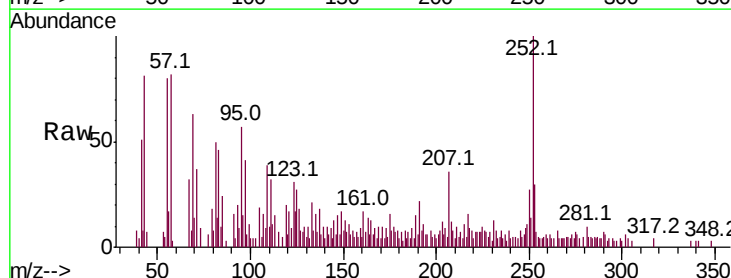
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.224 ng/mL
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110564.D
Acq: 7 Nov 2018 19:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.2	18.2	27.4#
125	26.8	9.0	13.6#



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

