

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110471.D
 Acq On : 5 Nov 2018 18:03
 Operator : JU/SJ
 Sample : J5812-25
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-A

Manual Integrations
 APPROVED

Sohil
 11/6/2018 1:19:17 PM

Quant Time: Nov 06 10:28:07 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	94700	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	386564	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	193319	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	342830	20.00	ng	0.00
76) Chrysene-d12	14.13	240	190894	20.00	ng	0.00
87) Perylene-d12	15.66	264	160434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	704988	121.23	ng	0.00
7) Phenol-d6	6.58	99	917421	123.34	ng	0.00
23) Nitrobenzene-d5	7.52	82	591958	90.83	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	226413	118.23	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1057030	85.86	ng	0.00
79) Terphenyl-d14	13.07	244	898146	97.85	ng	0.00
Target Compounds						
10) Phenol	6.59	94	57372	7.216	ng	Qvalue # 67
50) Dimethylphthalate	9.70	163	144422	10.120	ng	99
71) Phenanthrene	11.51	178	54109	3.016	ng	100
75) Fluoranthene	12.70	202	121037	6.648	ng	98
78) Pyrene	12.93	202	97006	7.088	ng	98
81) Benzo(a)anthracene	14.12	228	26653m	2.354	ng	
83) Chrysene	14.16	228	30411	2.828	ng	96
88) Benzo(b)fluoranthene	15.20	252	22019m	2.377	ng	

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

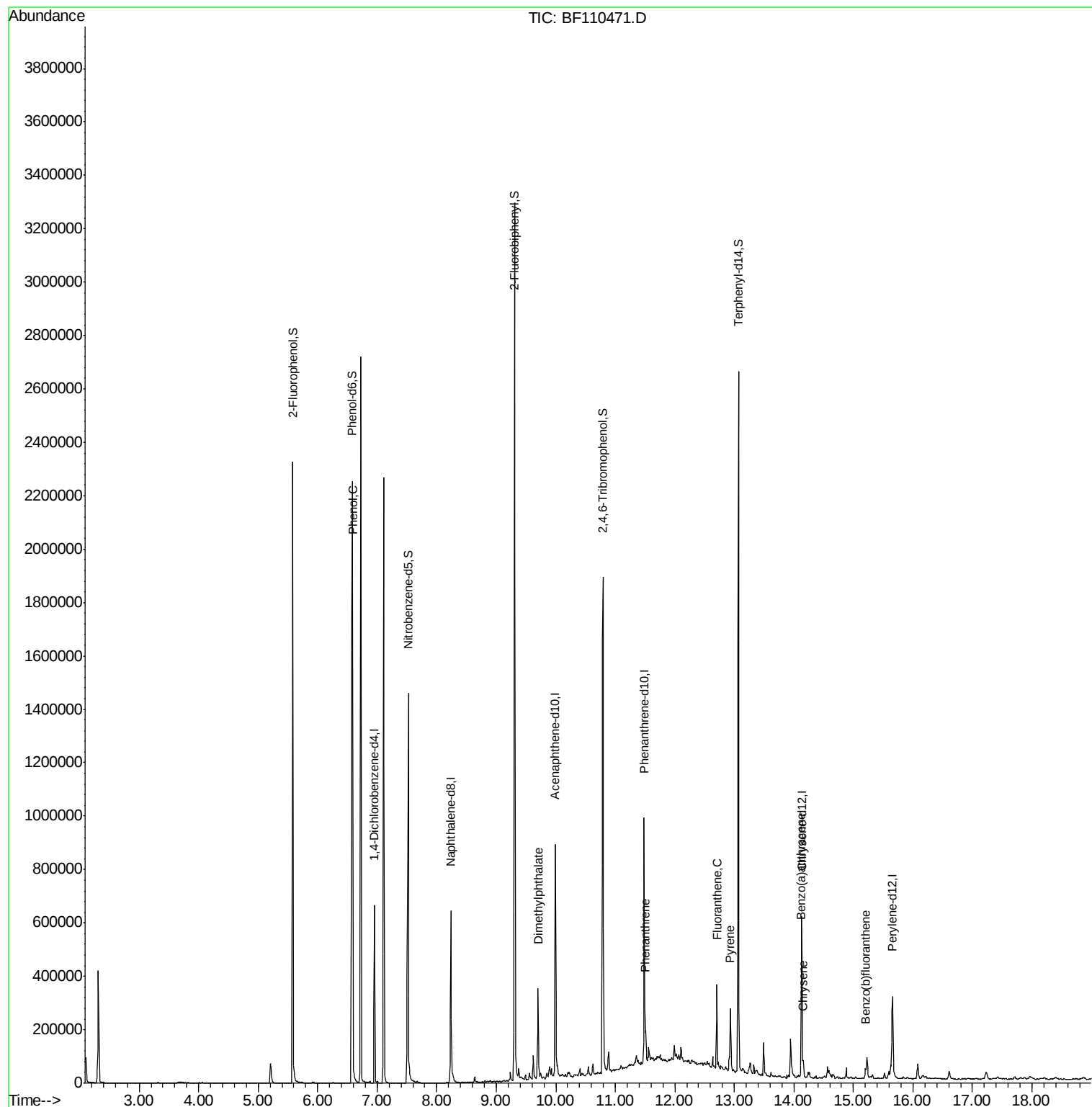
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110471.D
Acq On : 5 Nov 2018 18:03
Operator : JU/SJ
Sample : J5812-25
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Response via : Initial Calibration





#1

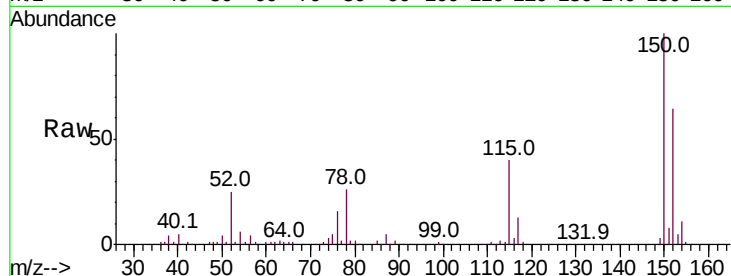
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110471.D
Acq: 5 Nov 2018 18:03

Instrument :
BNA_F
ClientSampled :
TP4-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.7	184.1
115	62.7	49.1	73.7

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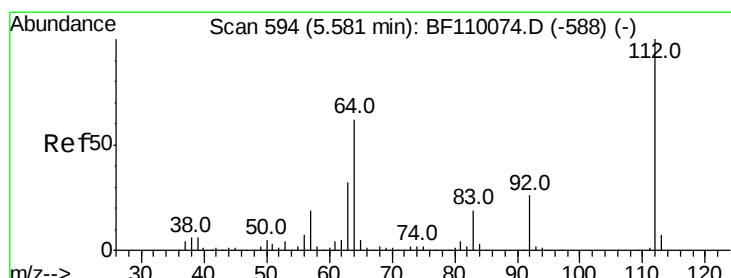
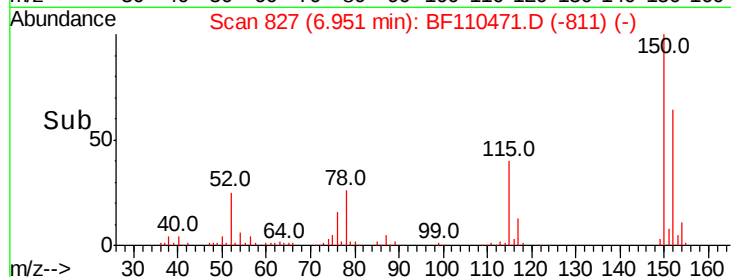
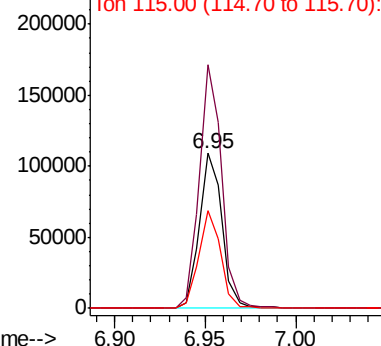


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

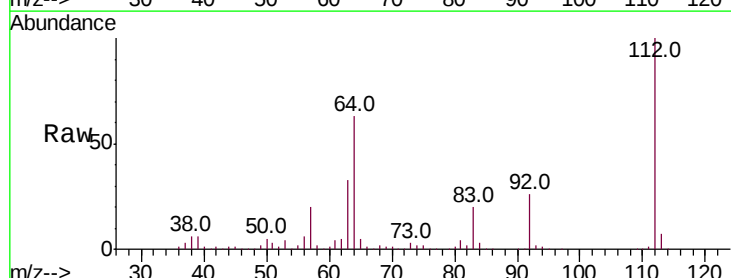
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.229 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110471.D
Acq: 5 Nov 2018 18:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	44.1	66.1
63	32.6	23.7	35.5

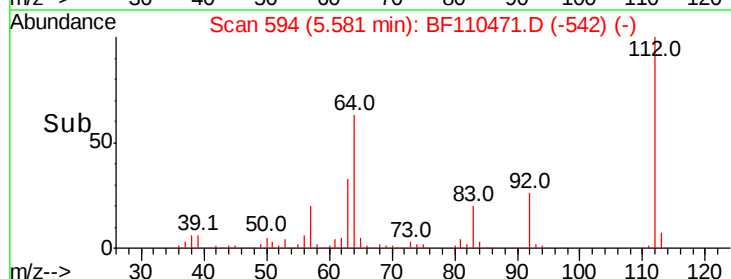
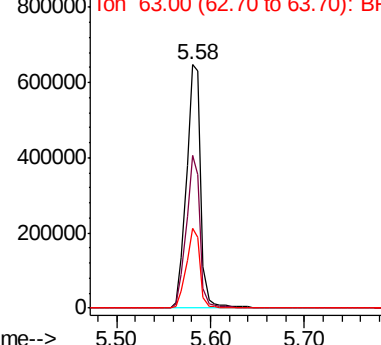


Abundance

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: 123.338 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110471.D

Acq: 5 Nov 2018 18:03

Instrument :

BNA_F

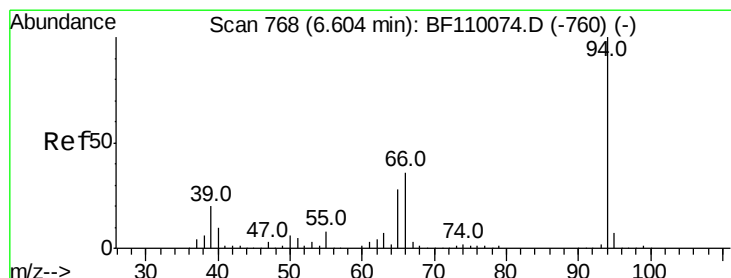
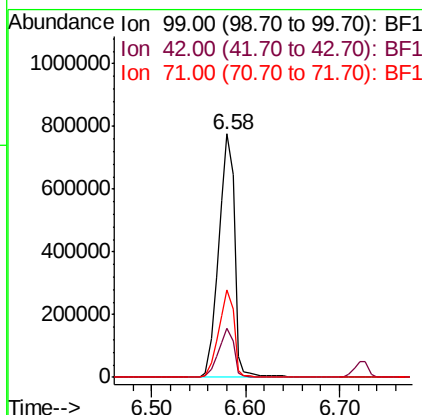
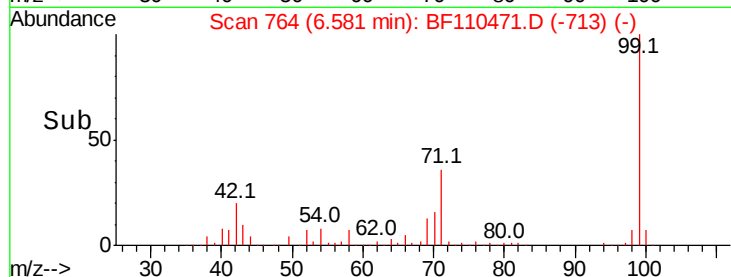
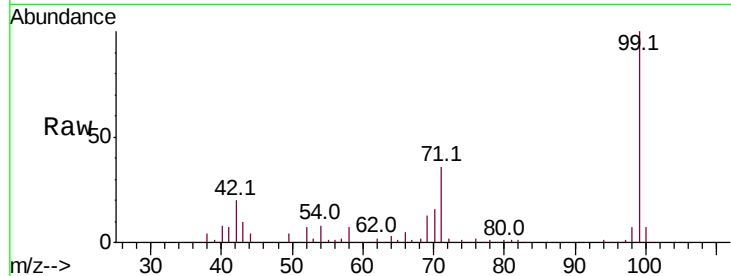
ClientSampled :

TP4-A

Tot Ion:	99	Resp:	917421
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.8	23.6
71	35.7	28.0	42.0

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#10

Phenol

Concen: 7.216 ng

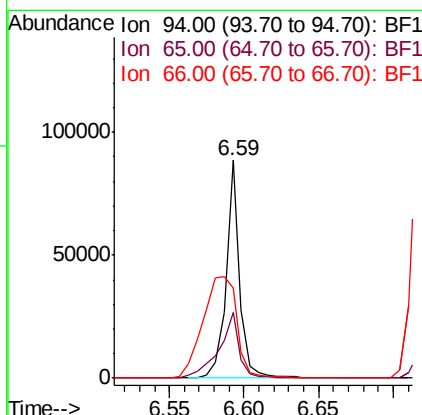
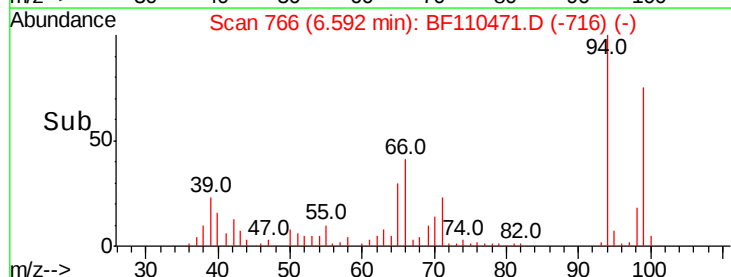
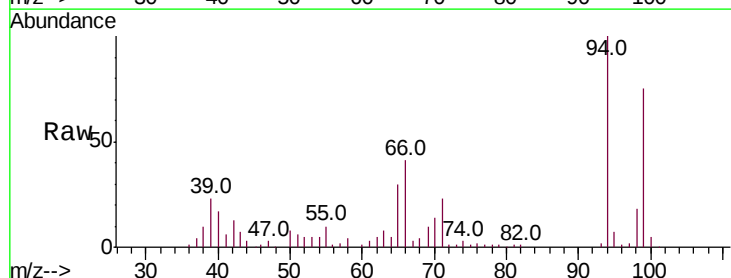
RT: 6.59 min Scan# 766

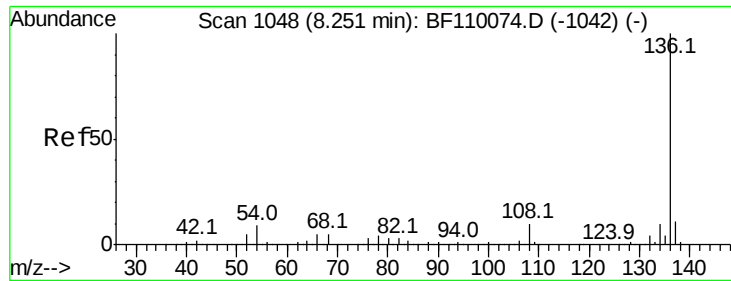
Delta R.T. -0.01 min

Lab File: BF110471.D

Acq: 5 Nov 2018 18:03

Tgt Ion:	94	Resp:	57372
Ion Ratio	Lower	Upper	
94	100		
65	29.9	25.3	65.3
66	41.3	54.5	94.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110471.D

Acq: 5 Nov 2018 18:03

Instrument :

BNA_F

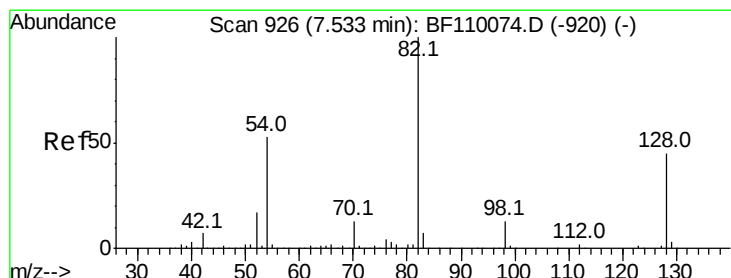
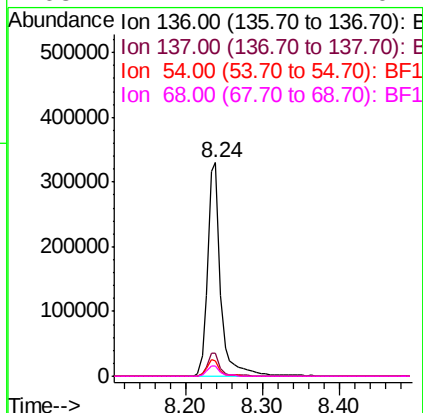
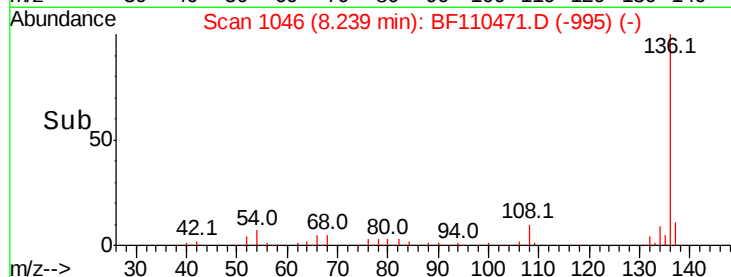
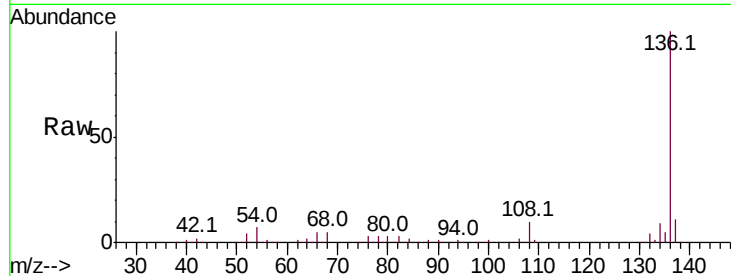
ClientSampled :

TP4-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.8	13.2	
54	7.3	5.4	8.2	
68	4.7	4.2	6.2	

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#23

Nitrobenzene-d5

Concen: 90.828 ng

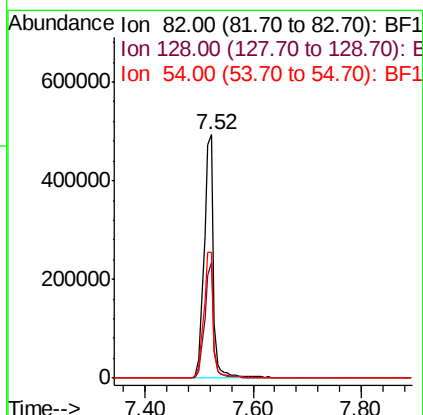
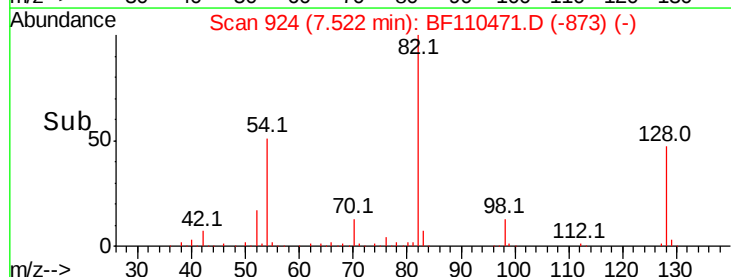
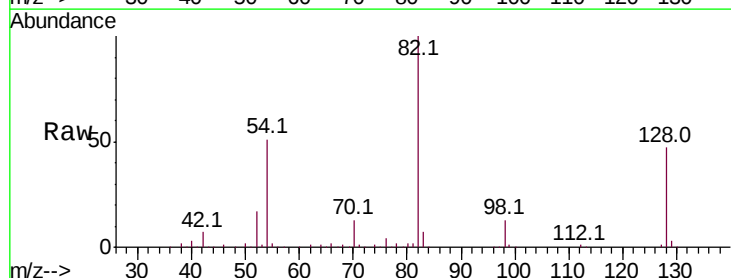
RT: 7.52 min Scan# 924

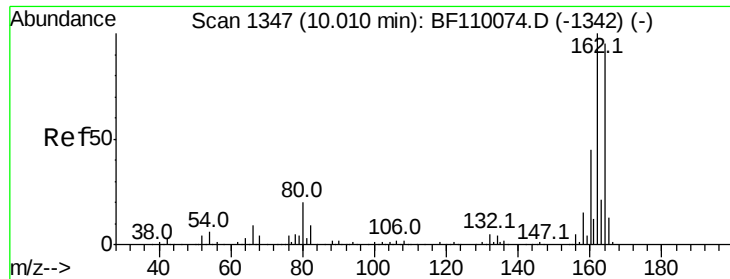
Delta R.T. 0.00 min

Lab File: BF110471.D

Acq: 5 Nov 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.3	34.2	51.2	
54	51.5	38.6	58.0	





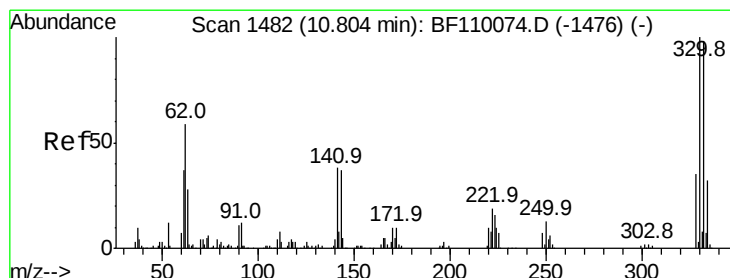
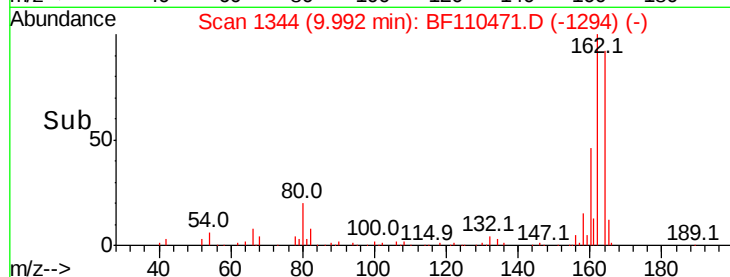
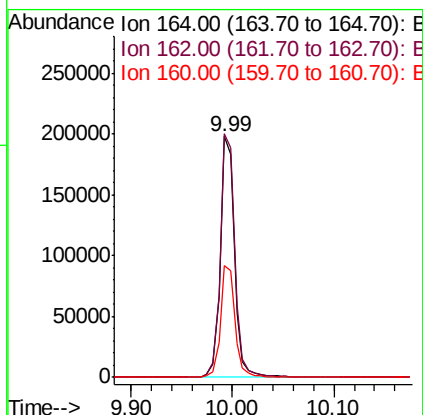
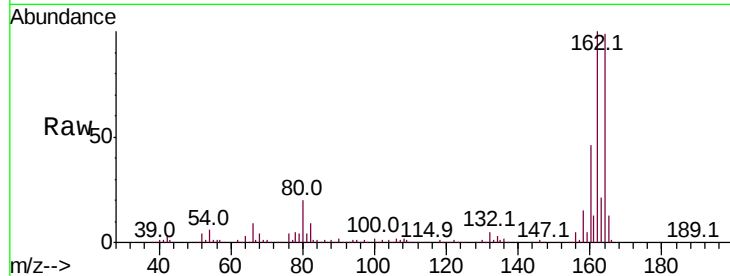
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110471.D
Acq: 5 Nov 2018 18:03

Instrument :
BNA_F
ClientSampled :
TP4-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.0	124.6
160	46.3	37.0	55.6

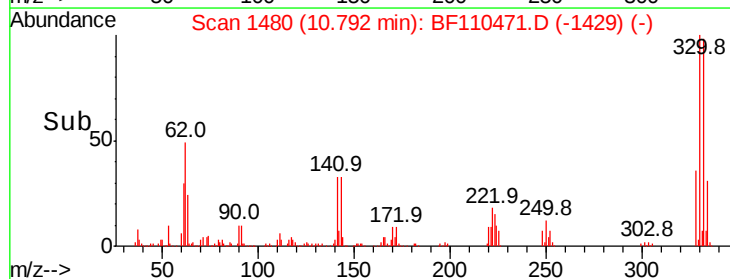
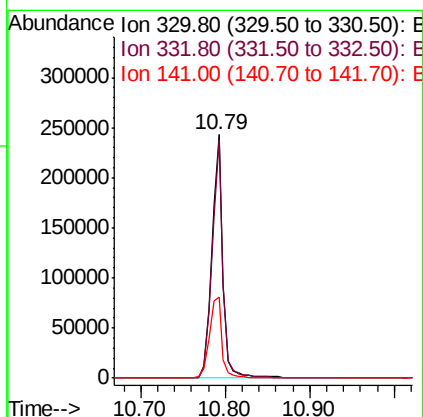
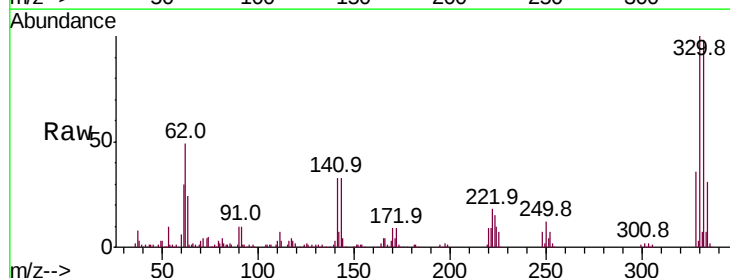
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#42
2,4,6-Tribromophenol
Concen: 118.234 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110471.D
Acq: 5 Nov 2018 18:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	38.1	27.0	40.4





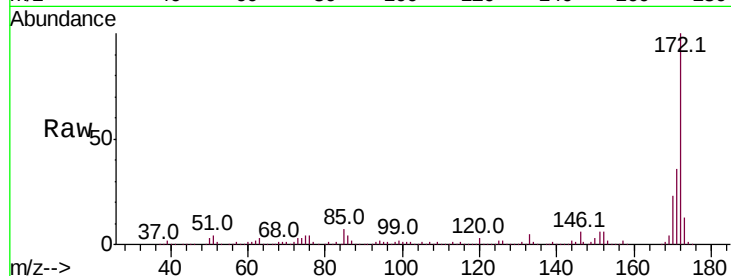
#45
2-Fluorobiphenyl
Concen: 85.859 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110471.D
Acq: 5 Nov 2018 18:03

Instrument :
BNA_F
ClientSampled :
TP4-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.4	19.7	29.5

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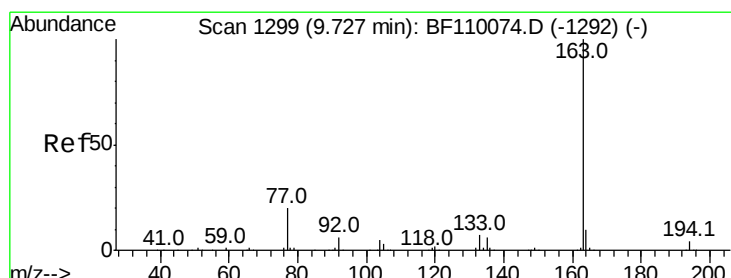
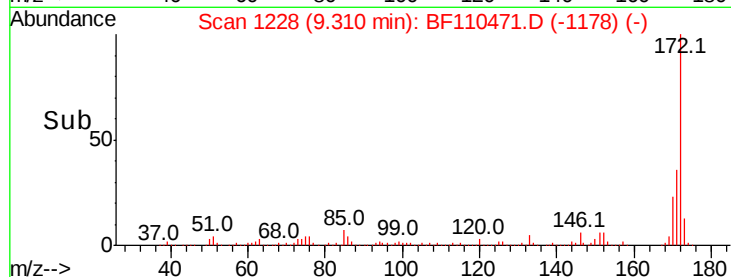
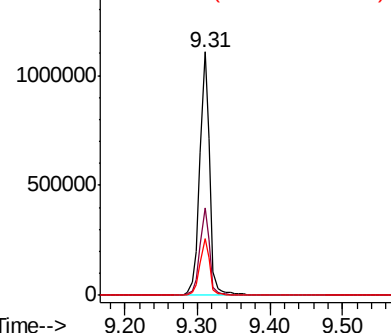


Abundance

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: 10.120 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110471.D
Acq: 5 Nov 2018 18:03

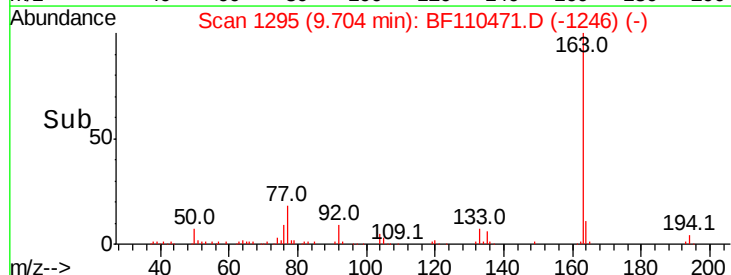
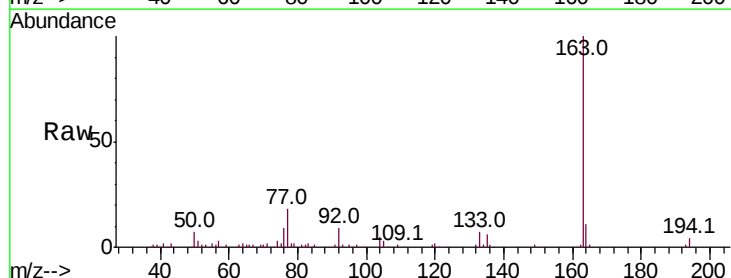
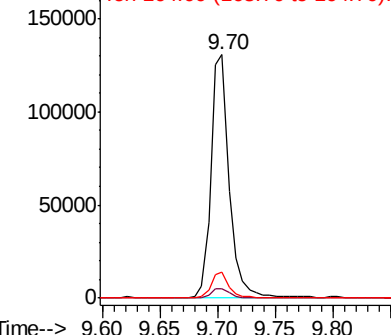
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.5	8.1	12.1

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





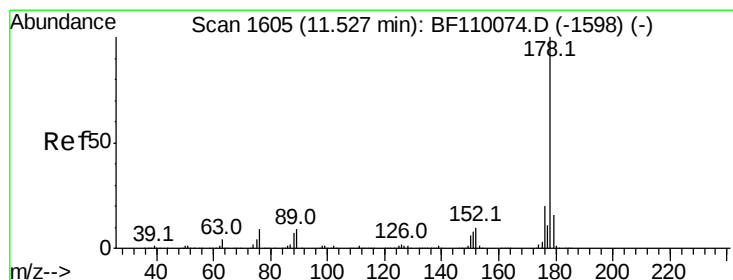
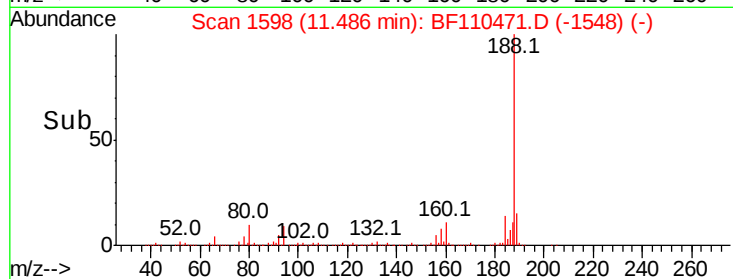
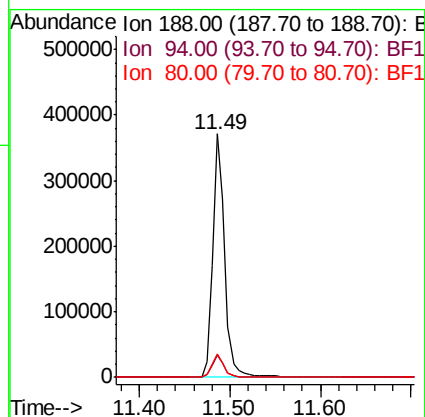
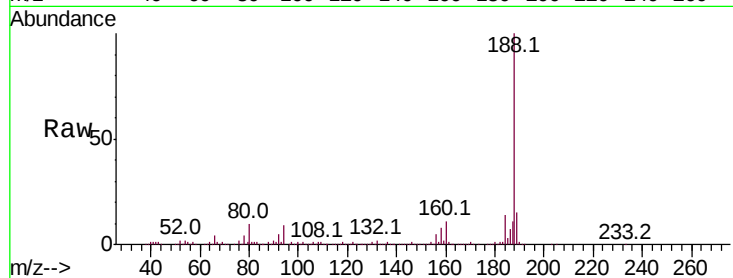
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110471.D
Acq: 5 Nov 2018 18:03

Instrument :
BNA_F
ClientSampled :
TP4-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.9	7.9	11.9

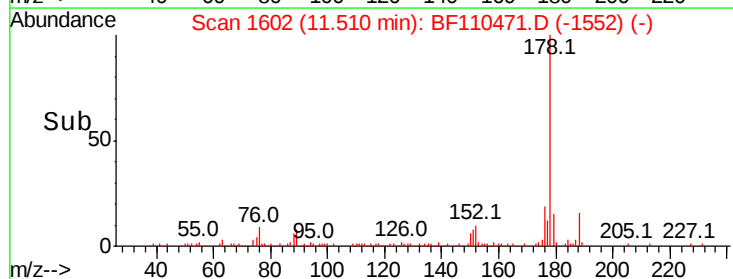
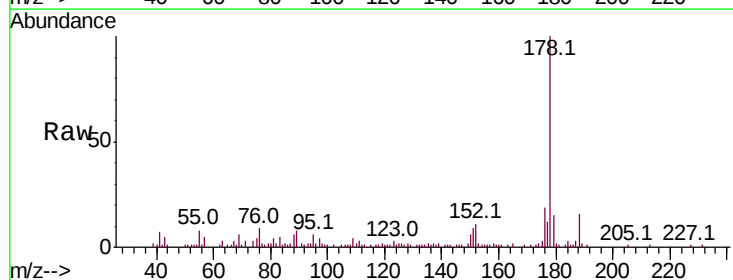
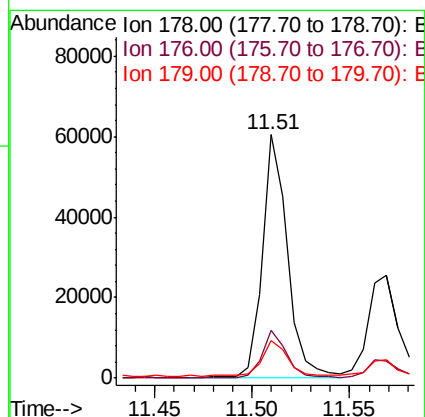
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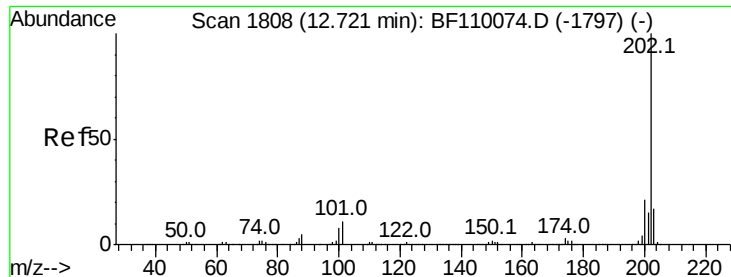
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#71
Phenanthrene
Concen: 3.016 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110471.D
Acq: 5 Nov 2018 18:03

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.3	12.5	18.7





#75

Fluoranthene

Concen: 6.648 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110471.D

Acq: 5 Nov 2018 18:03

Instrument :

BNA_F

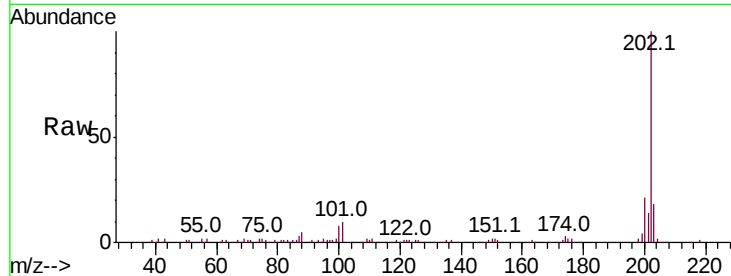
ClientSampled :

TP4-A

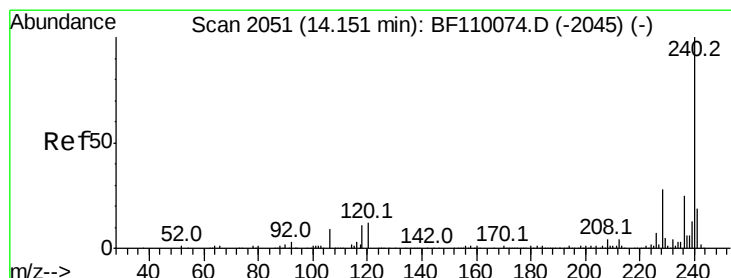
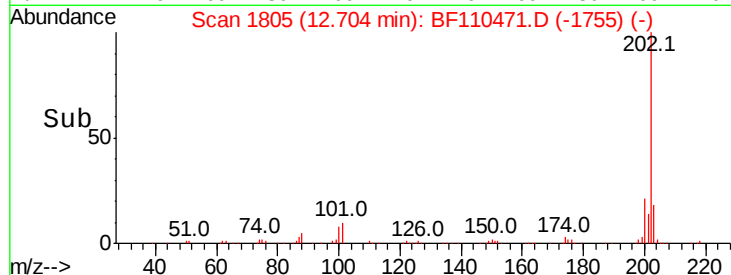
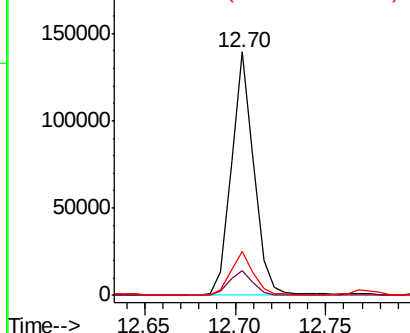
Tot Ion:	202	Resp:	121037
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	31.4
203	17.8	0.0	37.7

Manual Integrations
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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

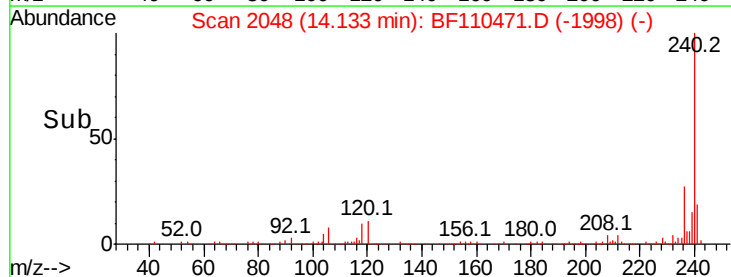
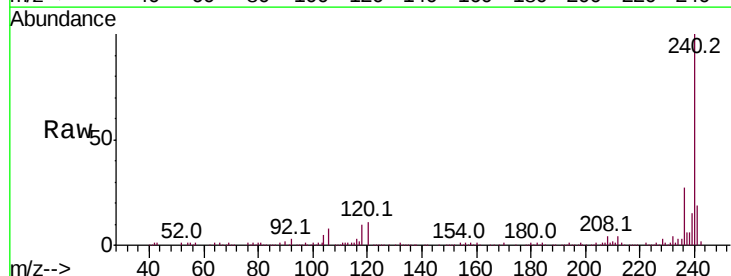
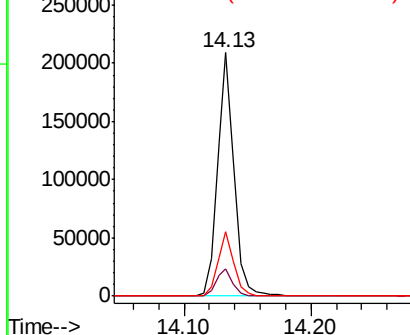
Delta R.T. -0.01 min

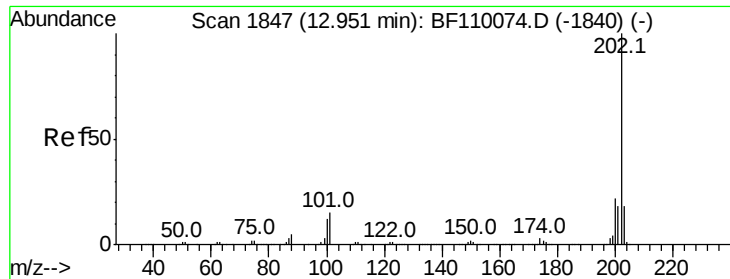
Lab File: BF110471.D

Acq: 5 Nov 2018 18:03

Tgt Ion:	240	Resp:	190894
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.3	12.5
236	26.5	21.2	31.8

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





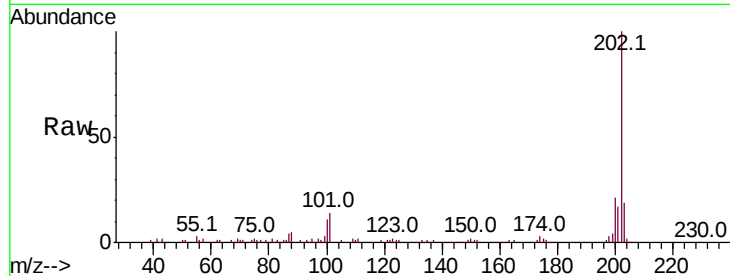
#78
Pvrene
Concen: 7.088 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110471.D
Acq: 5 Nov 2018 18:03

Instrument :
BNA_F
ClientSampled :
TP4-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	18.7	14.2	21.4

Manual Integrations
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11/6/2018 1:19:17 PM

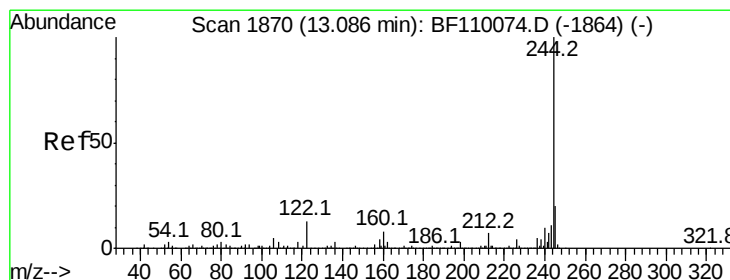
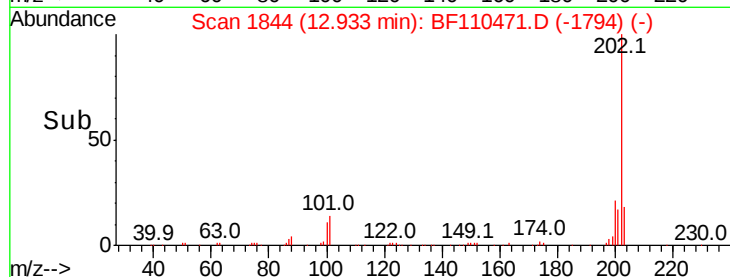
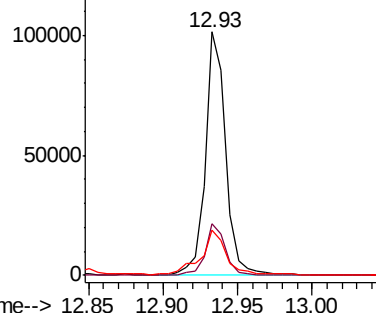


Abundance

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: 97.849 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110471.D
Acq: 5 Nov 2018 18:03

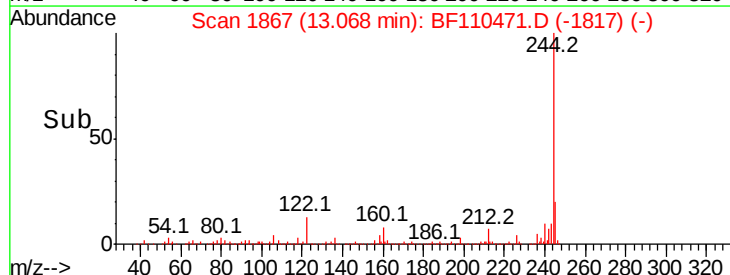
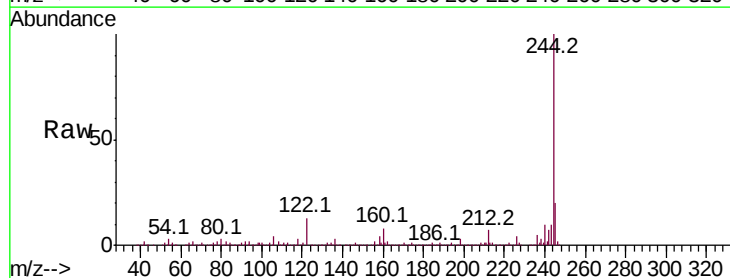
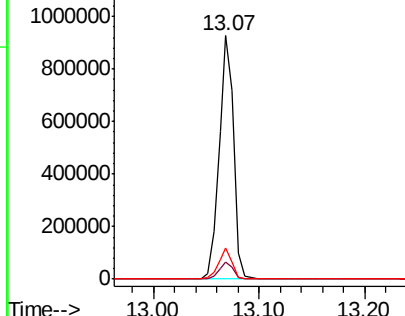
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.6	8.7	13.1

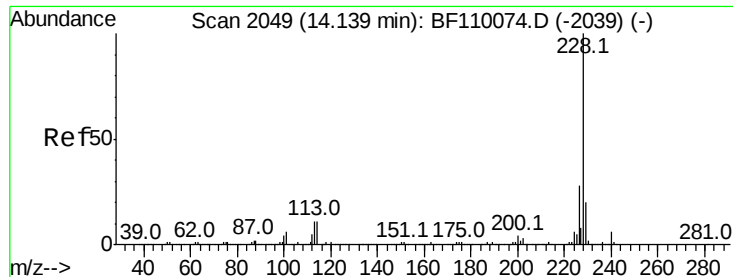
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 2.354 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110471.D

Acq: 5 Nov 2018 18:03

Instrument :

BNA_F

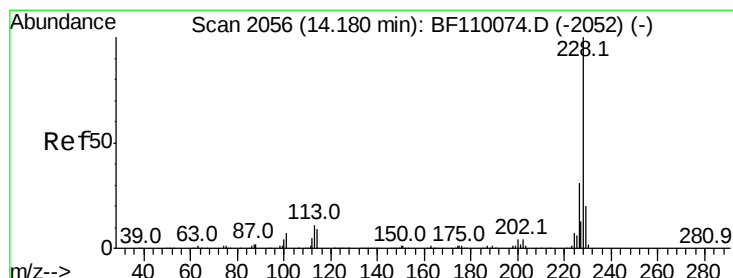
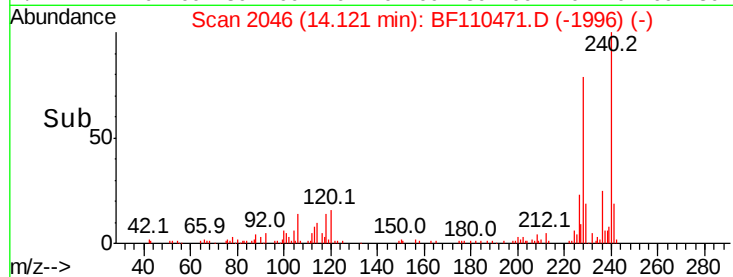
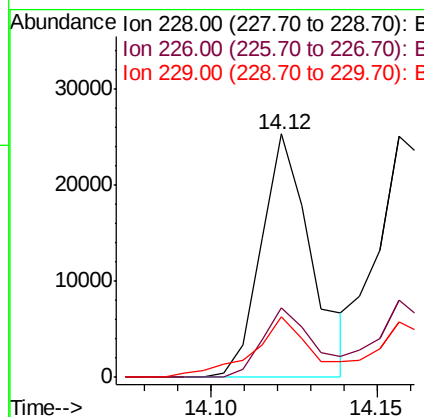
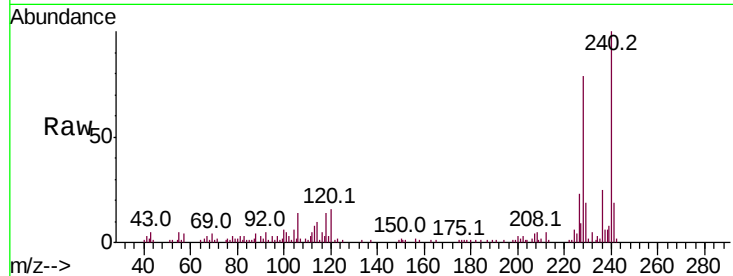
ClientSampled :

TP4-A

Tot Ion:	228	Resp:	26653
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.1	33.1
229	24.7	15.6	23.4

Manual Integrations
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#83

Chrysene

Concen: 2.828 ng

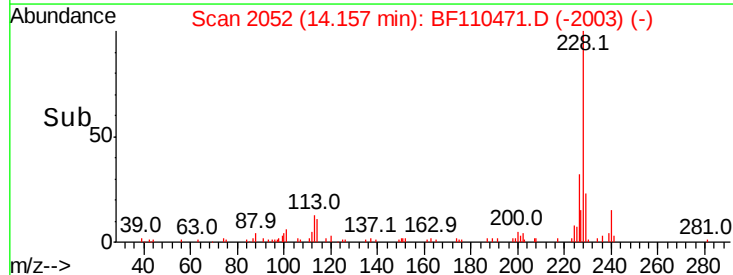
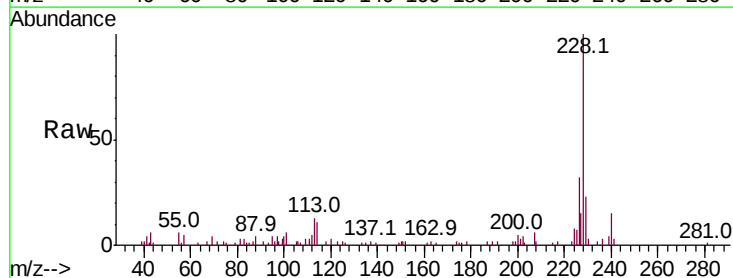
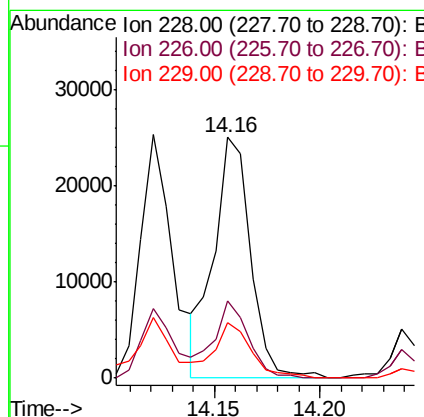
RT: 14.16 min Scan# 2052

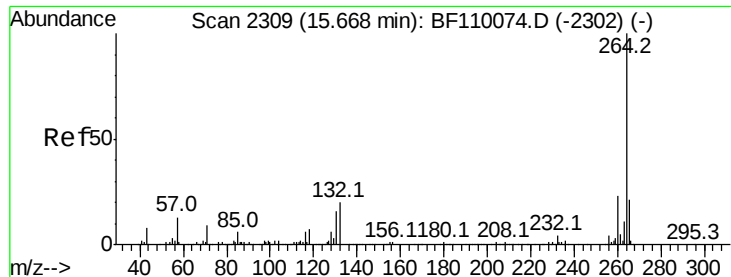
Delta R.T. -0.01 min

Lab File: BF110471.D

Acq: 5 Nov 2018 18:03

Tgt Ion:	228	Resp:	30411
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.7	37.1
229	23.1	15.9	23.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110471.D

Acq: 5 Nov 2018 18:03

Instrument :

BNA_F

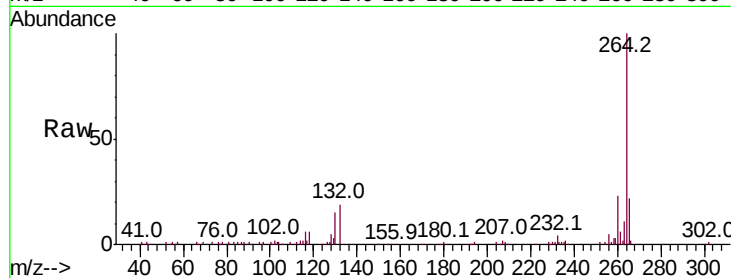
ClientSampled :

TP4-A

Tot Ion:	264	Resp:	160434
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.7	28.1
265	22.1	16.7	25.1

Manual Integrations
APPROVED

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11/6/2018 1:19:17 PM



Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

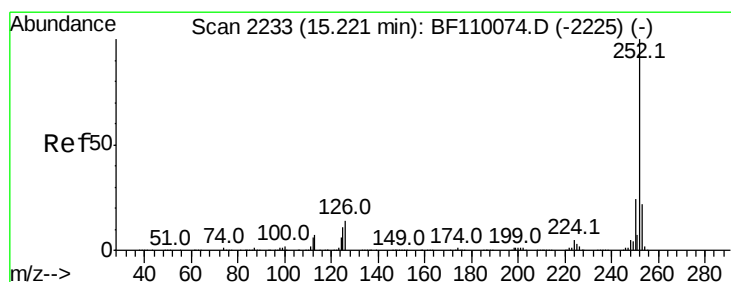
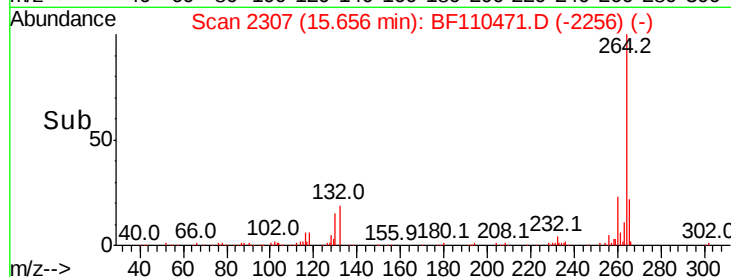
15.66

100000

50000

0

Time-->



#88

Benzo(b)fluoranthene

Concen: 2.377 ng m

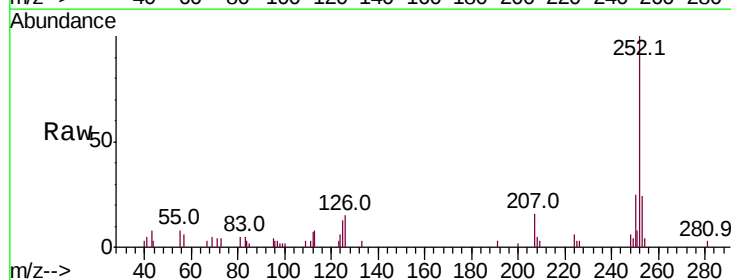
RT: 15.20 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BF110471.D

Acq: 5 Nov 2018 18:03

Tgt Ion:	252	Resp:	22019
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.2	25.8
125	12.5	8.2	12.4#



Abundance Ion 252.00 (251.70 to 252.70): E
20000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

15.20

10000

5000

0

Time-->

