

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110571.D
 Acq On : 7 Nov 2018 22:22
 Operator : JU/SJ
 Sample : J5813-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-L

Manual Integrations
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Quant Time: Nov 09 10:56:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 10:28:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	67429	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	269166	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	113318	20.00	ng	-0.01
64) Phenanthrene-d10	11.49	188	199941	20.00	ng	0.00
76) Chrysene-d12	14.14	240	154476	20.00	ng	0.00
87) Perylene-d12	15.67	264	114593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	332129	80.21	ng	0.00
7) Phenol-d6	6.57	99	419981	79.30	ng	-0.01
23) Nitrobenzene-d5	7.52	82	248375	54.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	76566	68.21	ng	-0.01
45) 2-Fluorobiphenyl	9.31	172	381549	52.87	ng	0.00
79) Terphenyl-d14	13.07	244	328839	44.27	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	27093	4.786	ng	Qvalue # 69
50) Dimethylphthalate	9.70	163	69049	8.255	ng	100
75) Fluoranthene	12.71	202	36283	3.417	ng	98
78) Pyrene	12.94	202	27956	2.524	ng	98
88) Benzo(b)fluoranthene	15.22	252	15031m	2.271	ng	

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

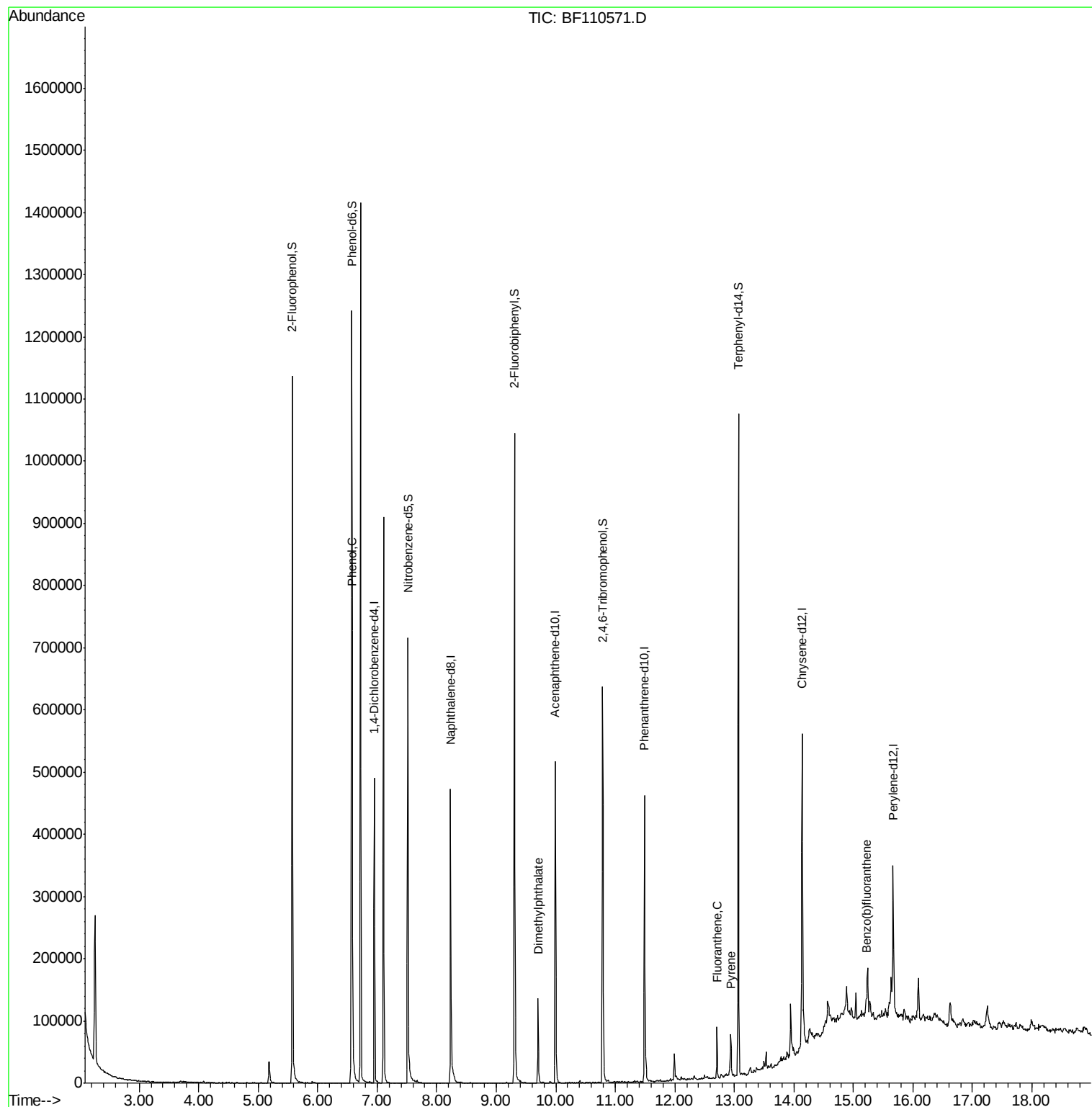
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110571.D
Acq On : 7 Nov 2018 22:22
Operator : JU/SJ
Sample : J5813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

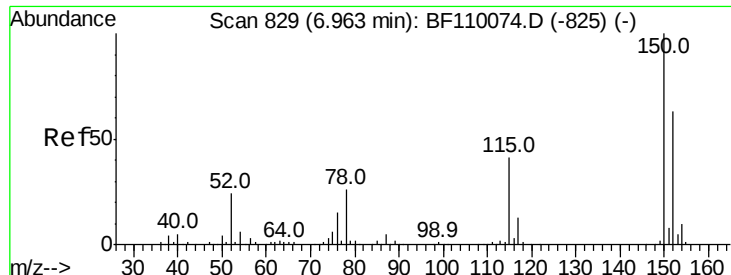
Instrument :
BNA_F
ClientSampleId :
TS-L

Quant Time: Nov 09 10:56:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 10:28:28 2018
Response via : Initial Calibration

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#1

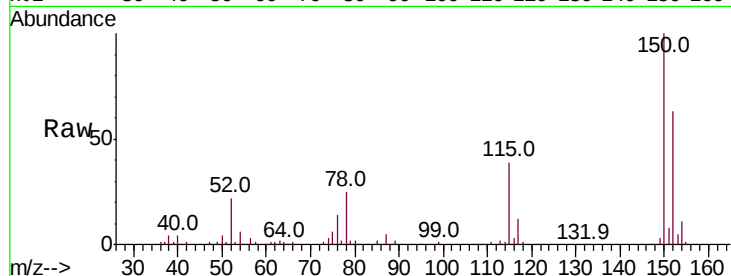
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Instrument :
BNA_F
ClientSampleId :
TS-L

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	61.8	49.1	73.7

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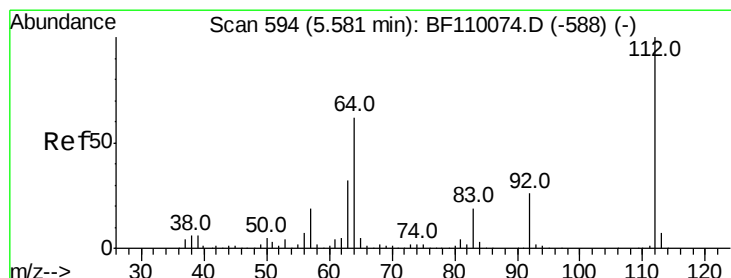
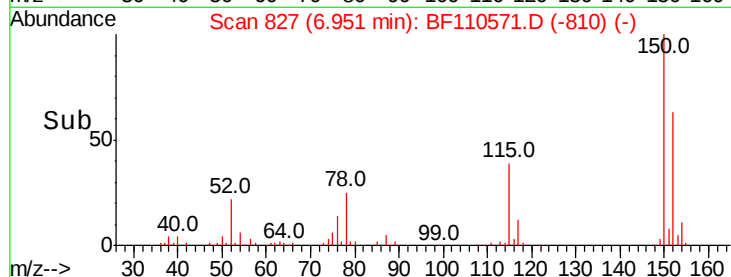
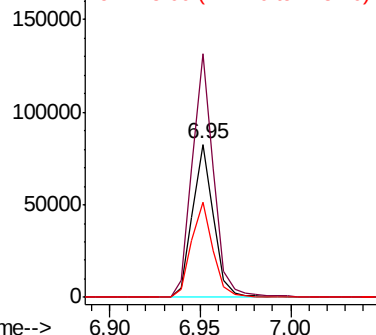


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.211 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

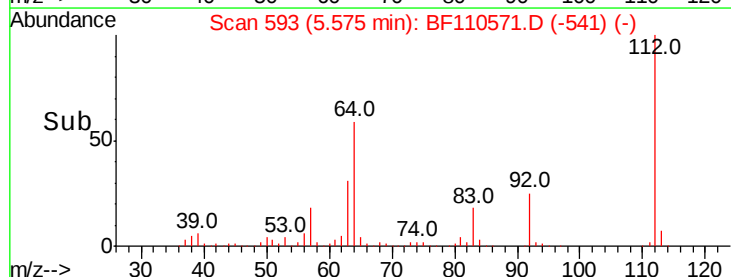
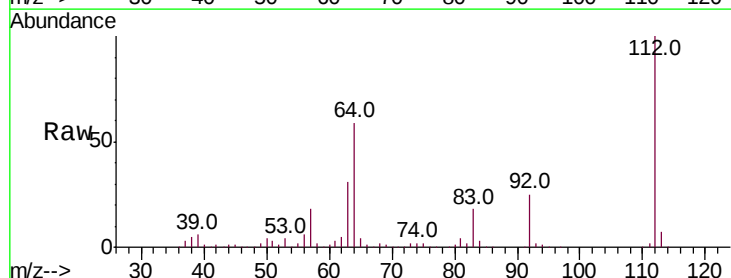
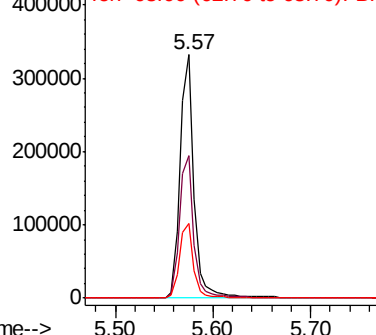
Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.1	66.1
63	30.8	23.7	35.5

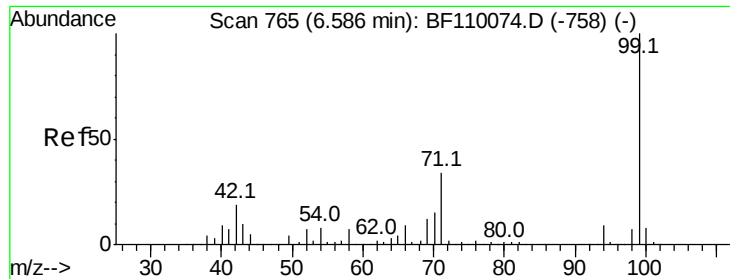
Abundance

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: 79.298 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110571.D

Acq: 7 Nov 2018 22:22

Instrument :

BNA_F

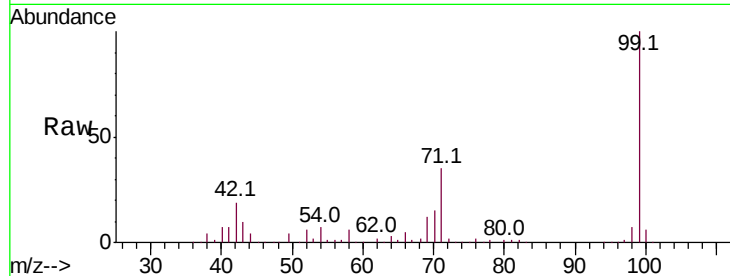
ClientSampled :

TS-L

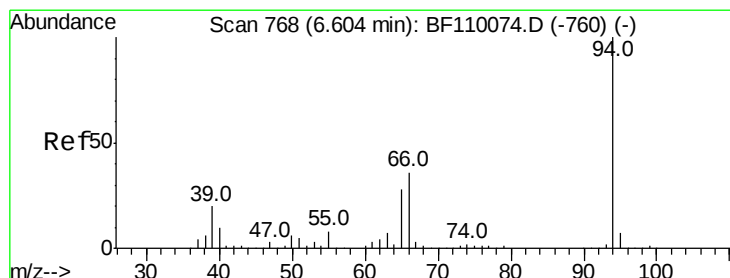
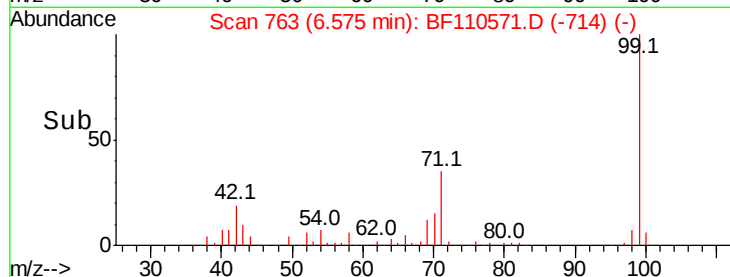
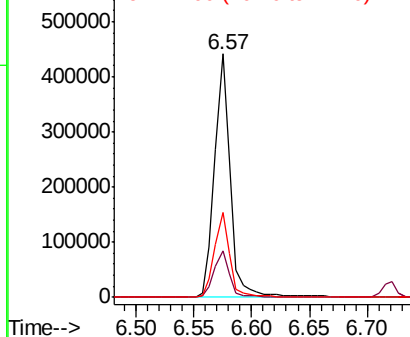
Tot Ion:	99	Resp:	419981
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.8	23.6
71	34.8	28.0	42.0

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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: 4.786 ng

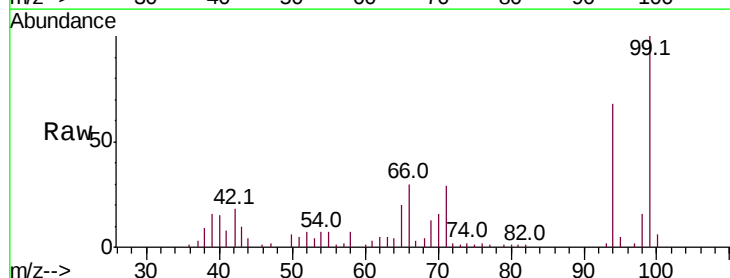
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

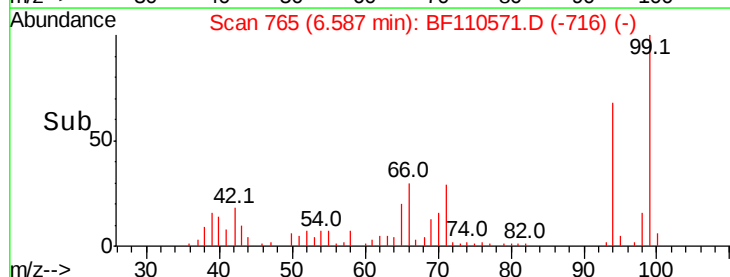
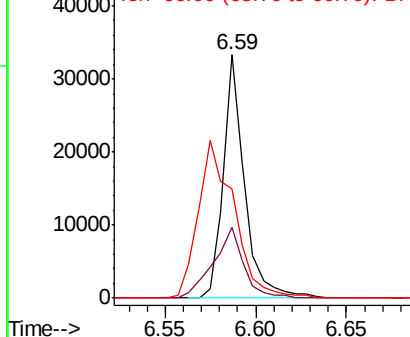
Lab File: BF110571.D

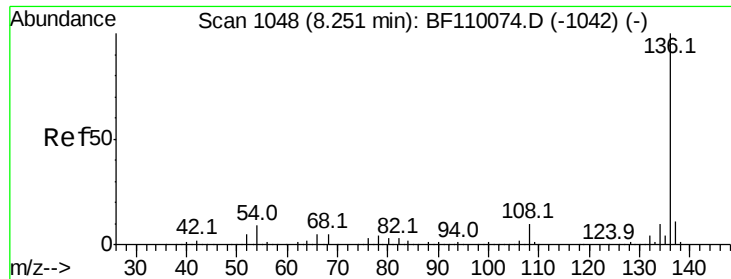
Acq: 7 Nov 2018 22:22

Tgt Ion:	94	Resp:	27093
Ion Ratio	Lower	Upper	
94	100		
65	29.2	25.3	65.3
66	44.8	54.5	94.5#



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





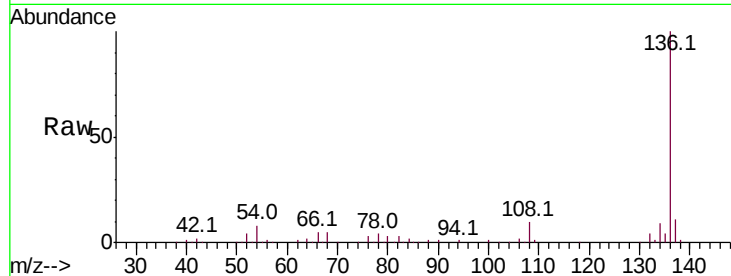
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Instrument :
BNA_F
ClientSampleId :
TS-L

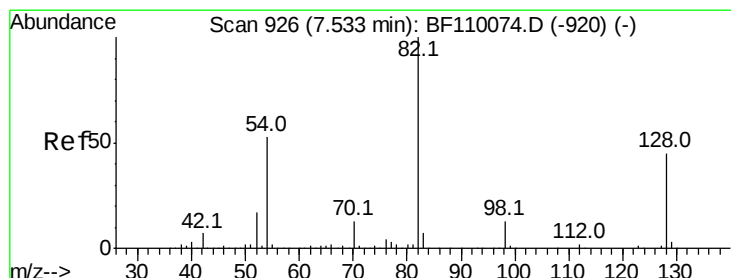
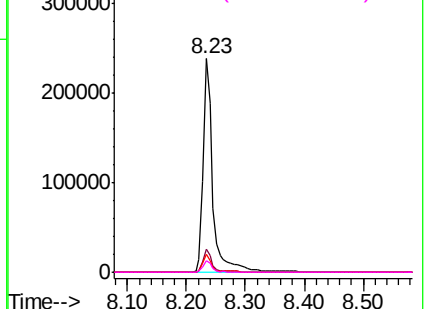
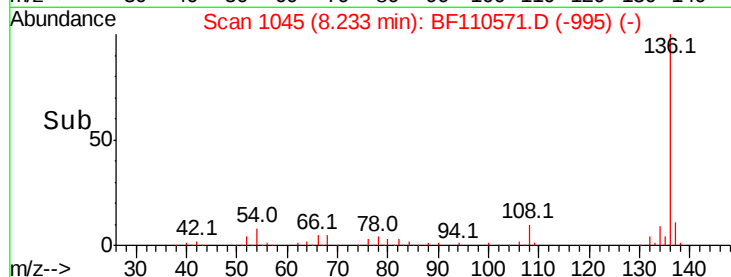
Tot Ion	Ratio	Resp	Lower	Upper
136	100	269166		
137	10.7		8.8	13.2
54	8.2		5.4	8.2
68	5.2		4.2	6.2

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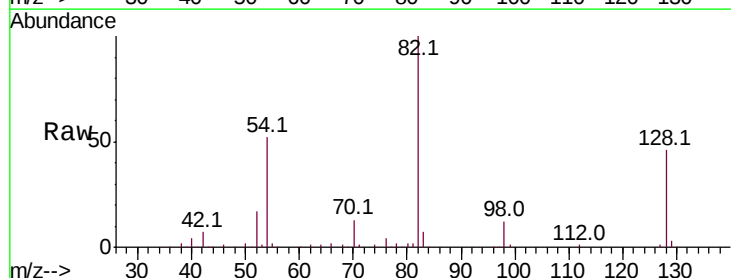


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

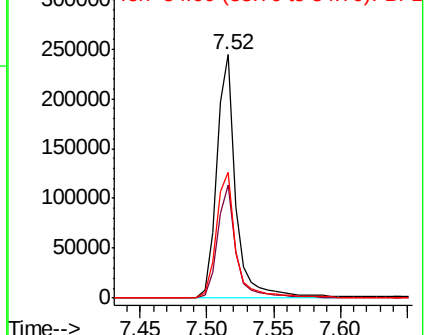
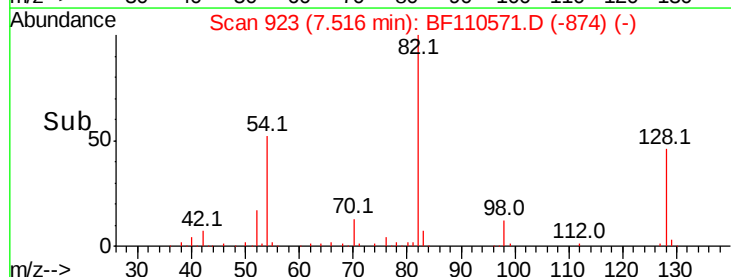


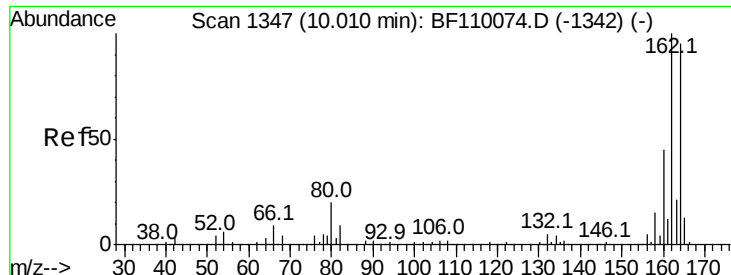
#23
Nitrobenzene-d5
Concen: 54.732 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	248375		
128	46.4		34.2	51.2
54	51.7		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





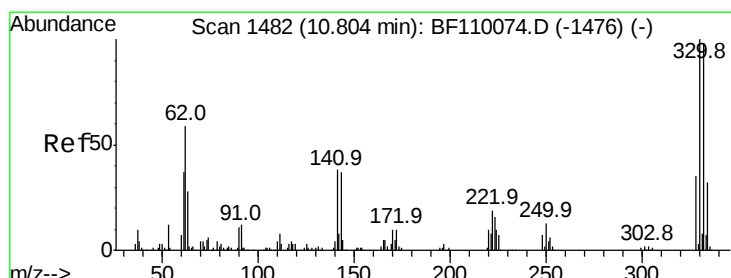
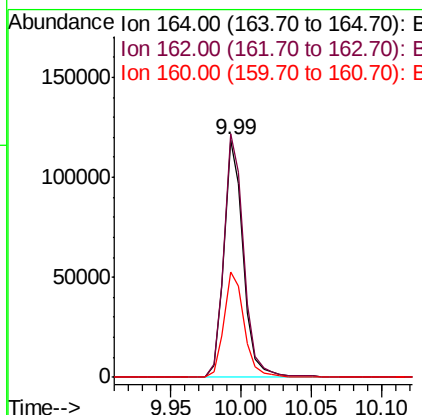
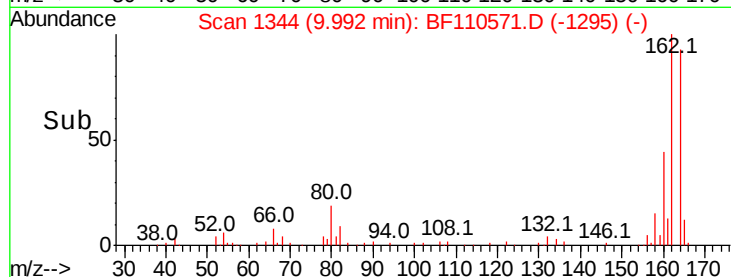
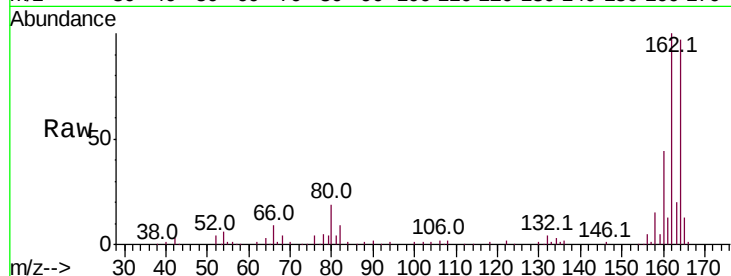
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Instrument :
BNA_F
ClientSampleId :
TS-L

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	83.0	124.6	
160	44.6	37.0	55.6	

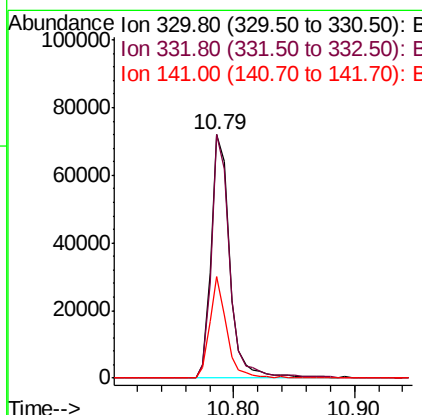
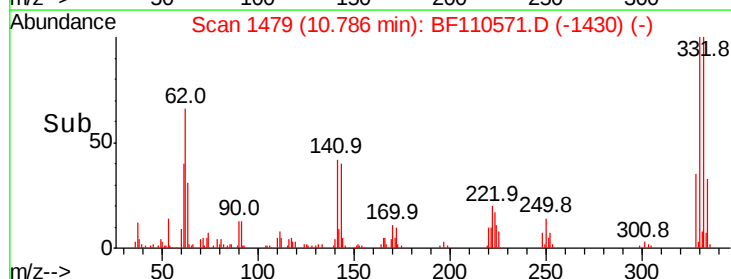
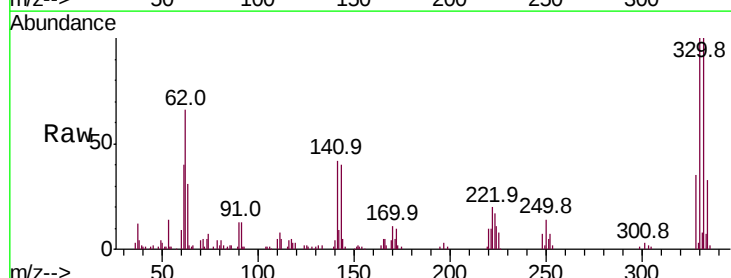
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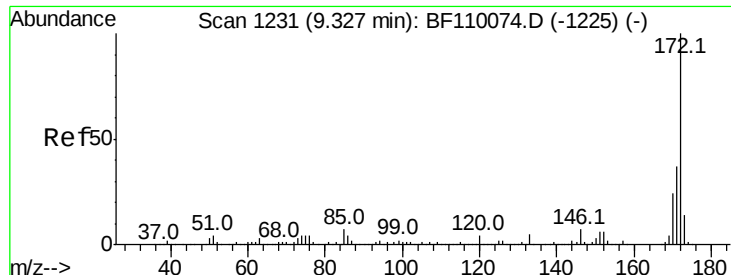
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#42
2,4,6-Tribromophenol
Concen: 68.211 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.9	77.1	115.7	
141	37.6	27.0	40.4	





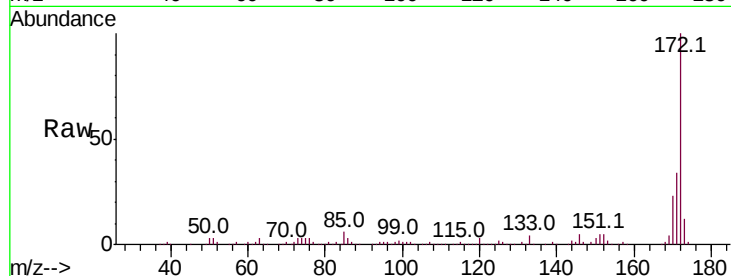
#45
2-Fluorobiphenyl
Concen: 52.872 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Instrument :
BNA_F
ClientSampled :
TS-L

Tot Ion	Ratio	Resp	Lower	Upper
172	100	381549		
171	34.0		28.6	43.0
170	23.0		19.7	29.5

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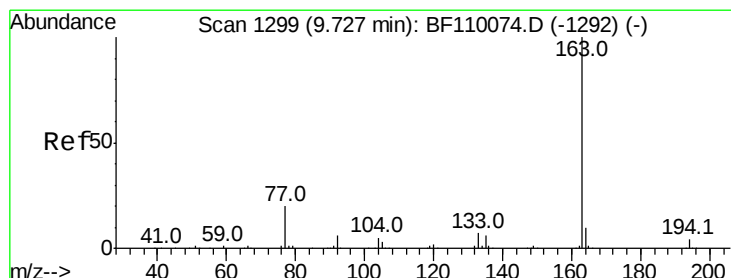
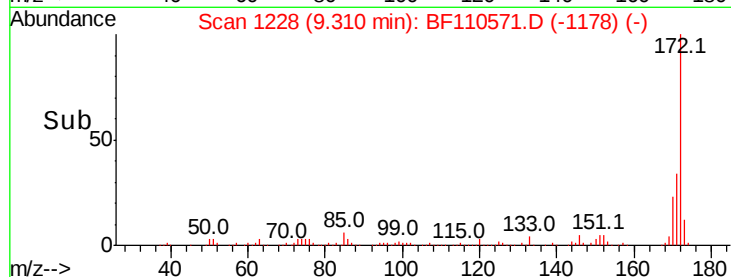
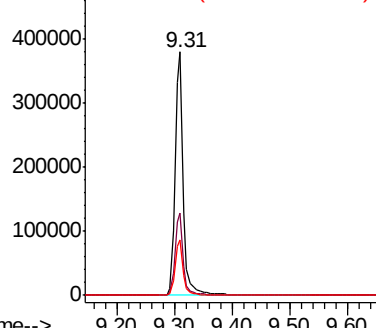


Abundance

Ion 172.00 (171.70 to 172.70): E

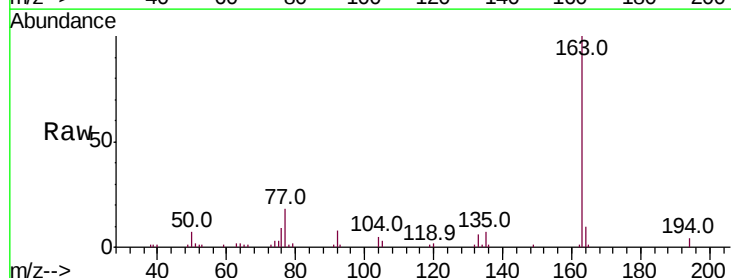
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 8.255 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	69049		
194	3.9		3.2	4.8
164	10.2		8.1	12.1

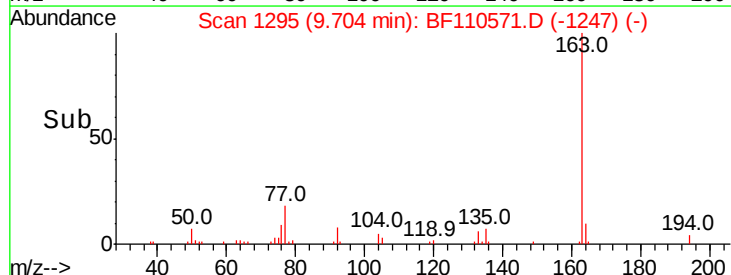
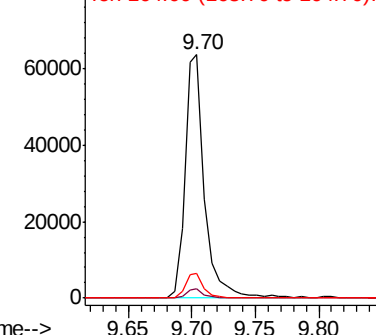


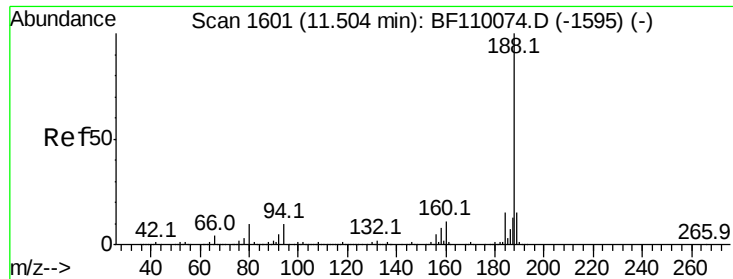
Abundance

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





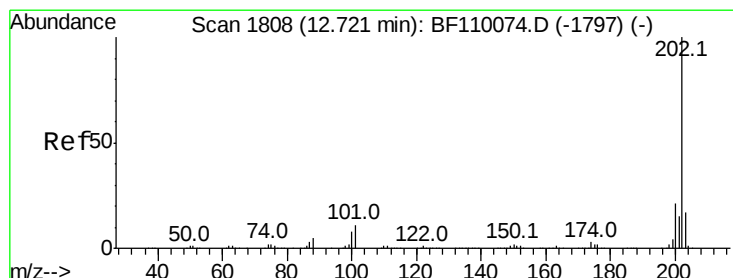
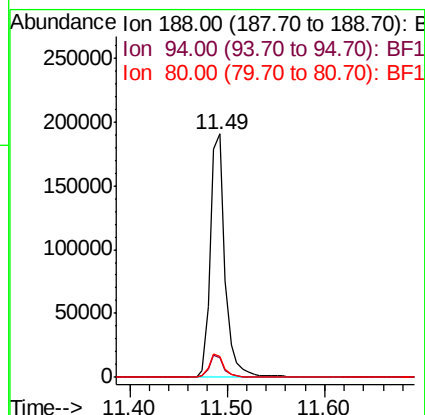
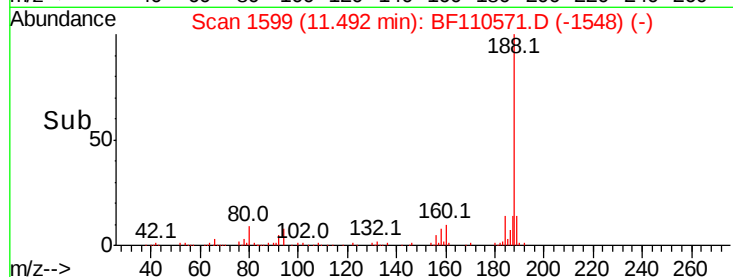
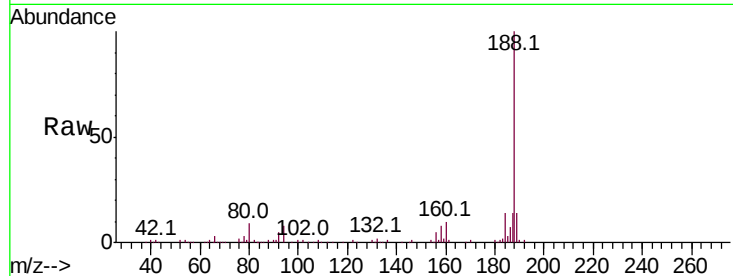
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Instrument :
BNA_F
ClientSampled :
TS-L

Tot Ion	Ratio	Resp	Lower	Upper
188	100	199941		
94	8.2		7.2	10.8
80	8.6		7.9	11.9

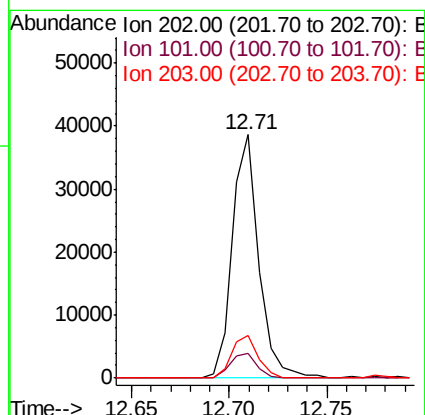
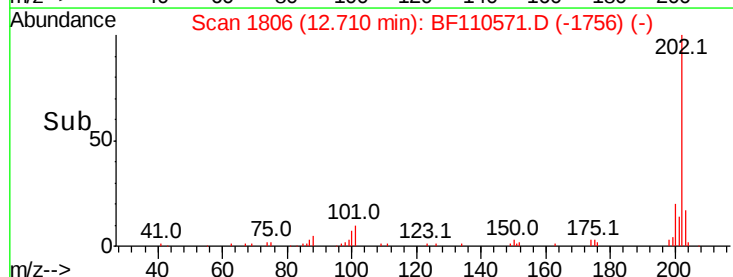
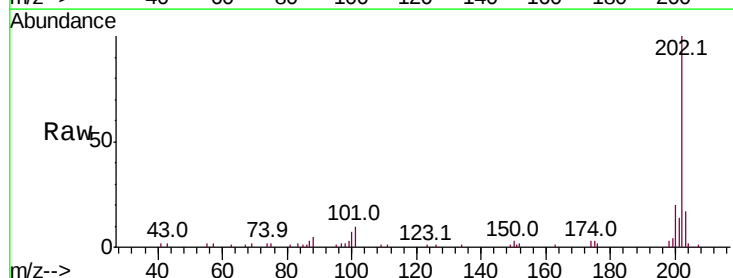
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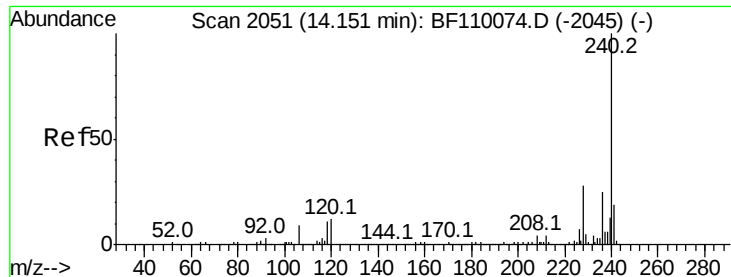
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#75
Fluoranthene
Concen: 3.417 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	36283		
101	10.1		0.0	31.4
203	17.3		0.0	37.7





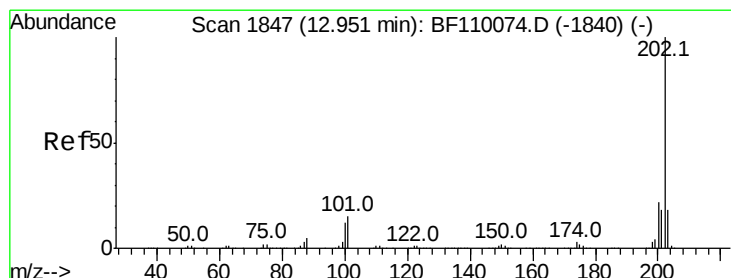
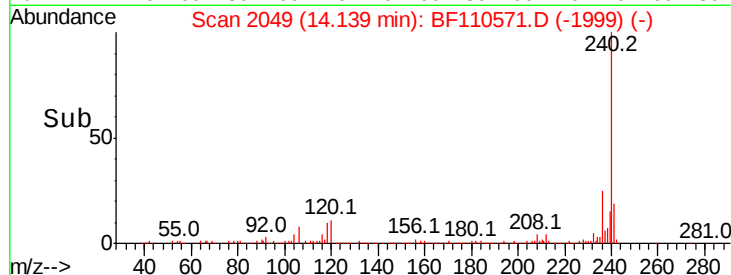
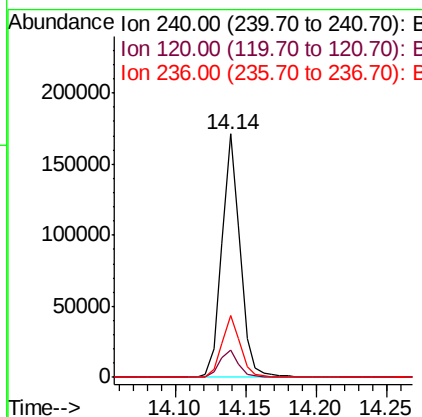
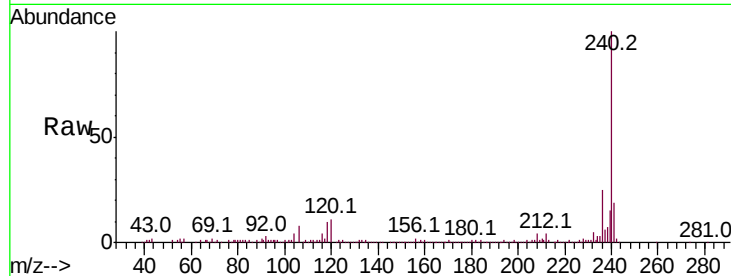
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Instrument :
BNA_F
ClientSampleId :
TS-L

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.2	21.2	31.8

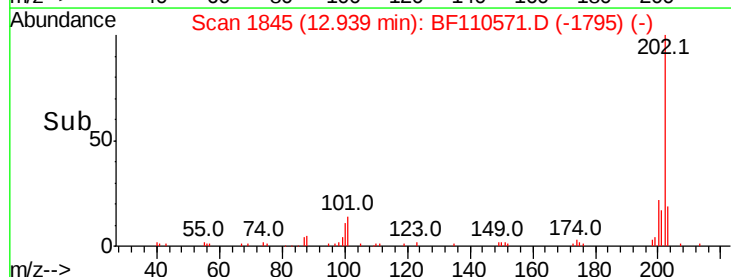
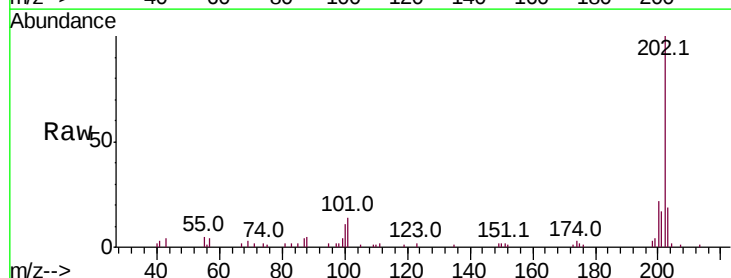
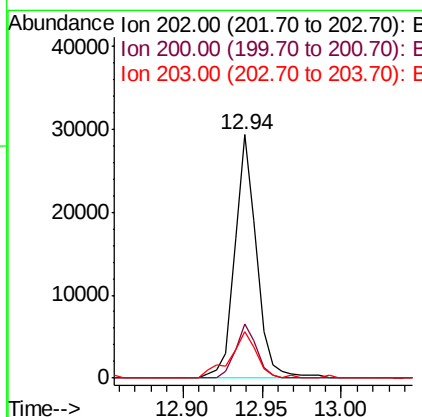
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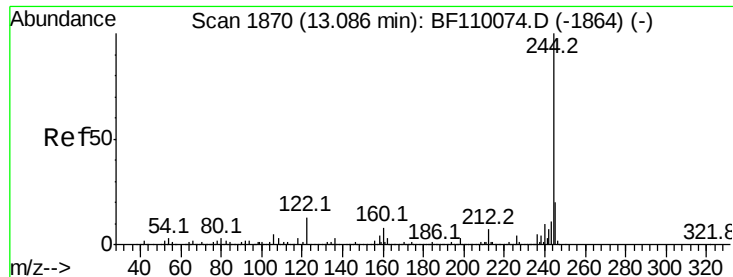
Sohil
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#78
Pyrene
Concen: 2.524 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF110571.D
Acq: 7 Nov 2018 22:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	19.2	14.2	21.4





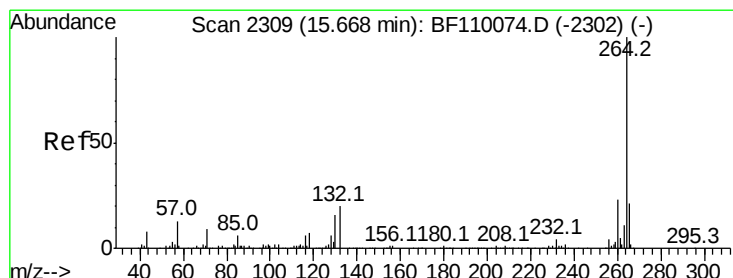
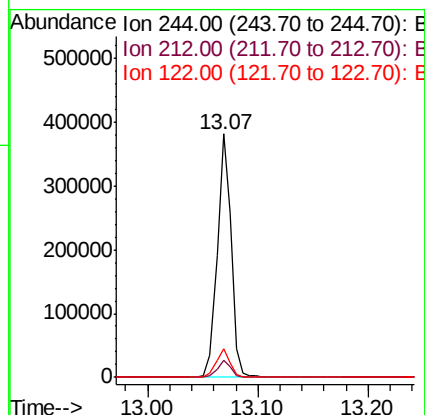
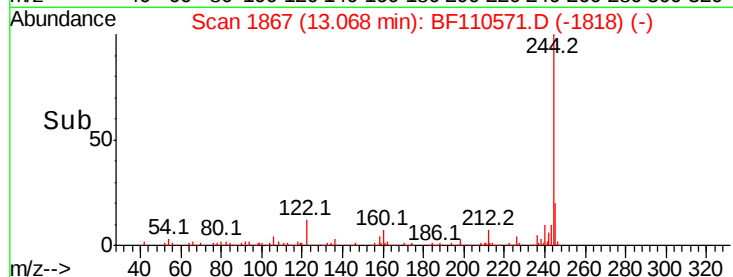
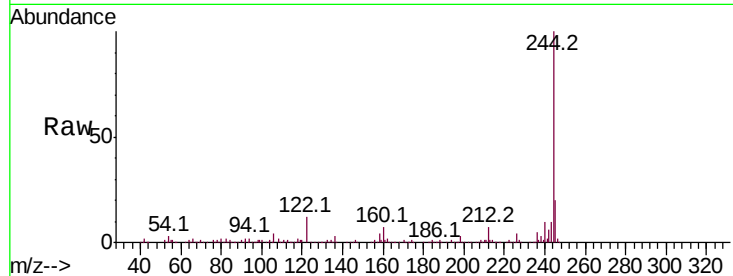
#79
 Terphenyl-d14
 Concen: 44.272 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

Instrument :
 BNA_F
 ClientSampled :
 TS-L

Tot Ion:	244	Resp:	328839
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	11.8	8.7	13.1

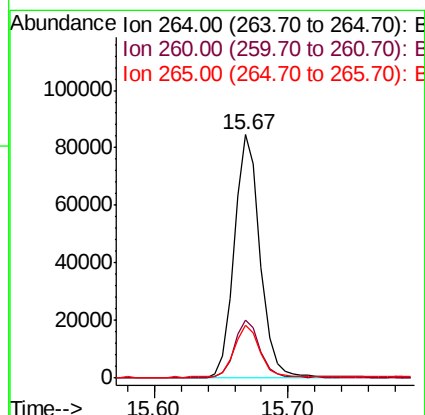
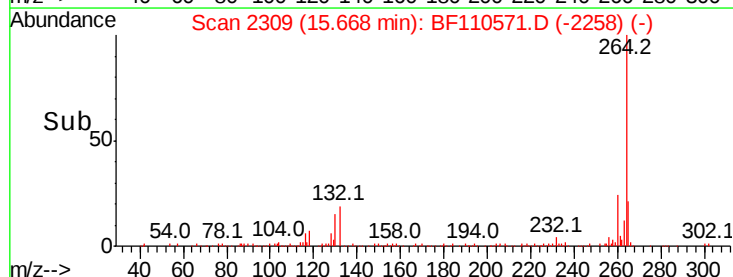
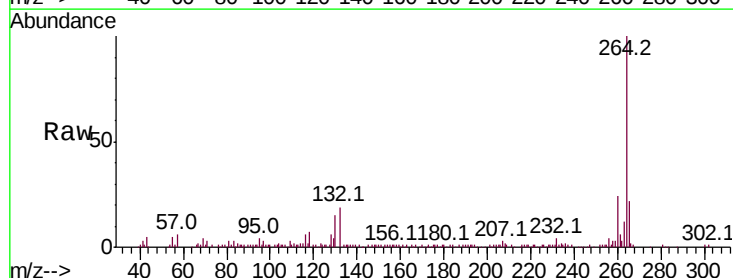
Manual Integrations
 APPROVED

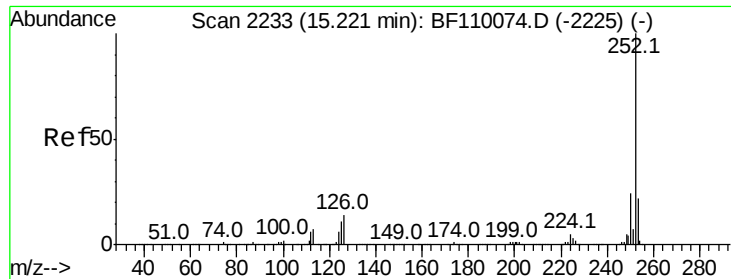
Sohil
 11/9/2018 1:35:21 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

Tgt Ion:	264	Resp:	114593
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.7	28.1
265	21.8	16.7	25.1





#88
 Benzo(b)fluoranthene
 Concen: 2.271 ng/ml
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BF110571.D
 Acq: 7 Nov 2018 22:22

Instrument :
 BNA_F
 ClientSampleId :
 TS-L

Tot Ion:	252	Resp:	15031
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.2	25.8
125	20.7	8.2	12.4

Manual Integrations
 APPROVED

Sohil
 11/9/2018 1:35:21 PM

