

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110379.D
 Acq On : 1 Nov 2018 20:34
 Operator : JU/SJ
 Sample : J5755-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Manual Integrations
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 11/2/2018 2:48:48 PM

Quant Time: Nov 02 05:00:33 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	6.96	152	74437	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	280281	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	106376	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	169738	20.00	ng	0.00
76) Chrysene-d12	14.13	240	178967	20.00	ng	0.00
87) Perylene-d12	15.66	264	172685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	104652	22.89	ng	0.00
7) Phenol-d6	6.57	99	125401	21.45	ng	-0.01
23) Nitrobenzene-d5	7.52	82	73182	15.49	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	19429	18.44	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	117223	17.30	ng	0.00
79) Terphenyl-d14	13.06	244	90525	10.52	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.70	202	102987	11.426	ng	99
78) Pyrene	12.93	202	121591	9.477	ng	99
81) Benzo(a)anthracene	14.12	228	92343	8.701	ng	97
83) Chrysene	14.16	228	85758	8.507	ng	97
86) Indeno(1,2,3-cd)pyrene	17.22	276	40022	4.786	ng	98
88) Benzo(b)fluoranthene	15.20	252	139127m	13.952	ng	
89) Benzo(k)fluoranthene	15.23	252	47595m	4.855	ng	
90) Benzo(a)pyrene	15.59	252	86150	9.389	ng	97
92) Benzo(g,h,i)perylene	17.69	276	31616	4.052	ng	# 93

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

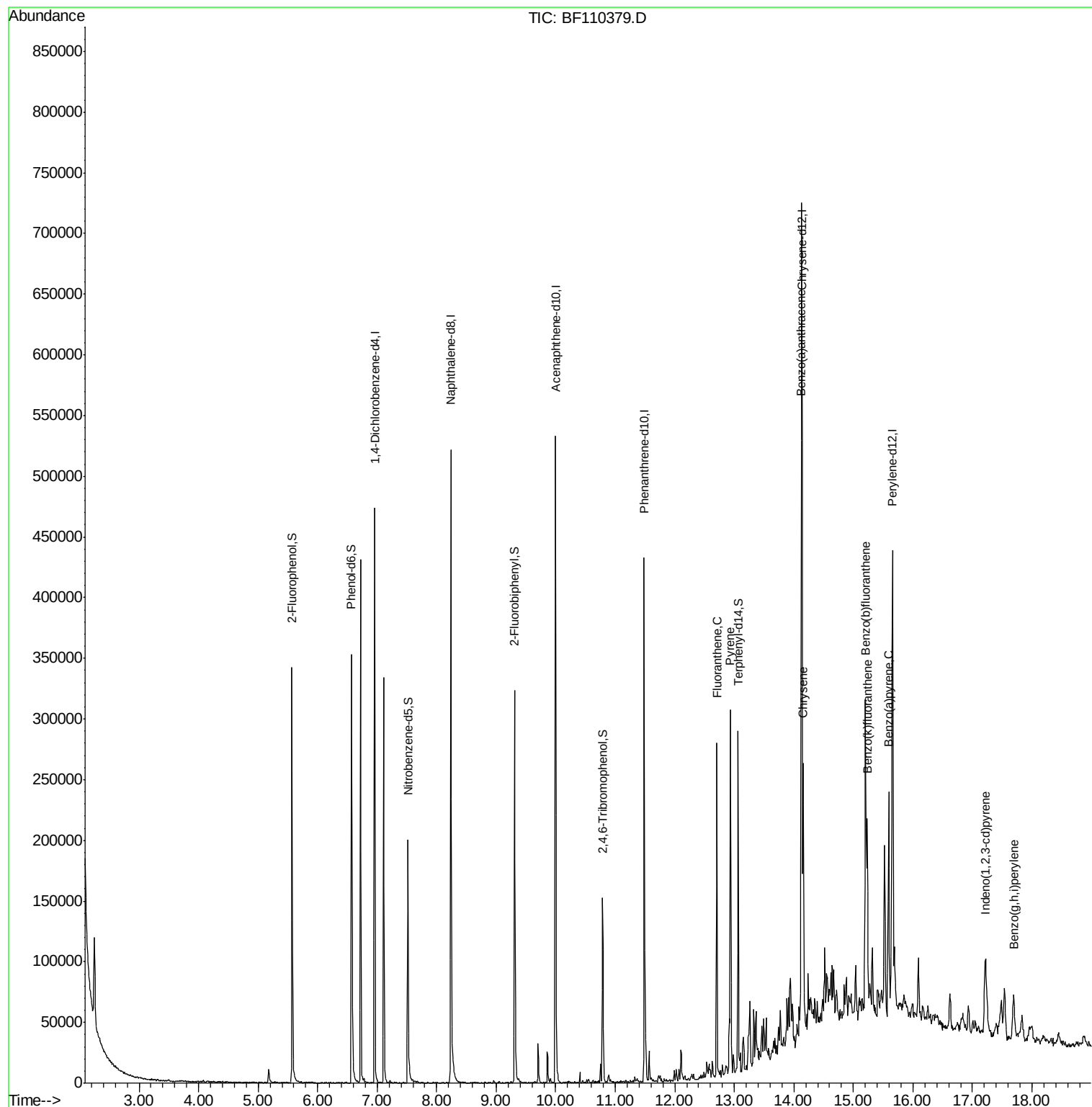
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110379.D
Acq On : 1 Nov 2018 20:34
Operator : JU/SJ
Sample : J5755-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

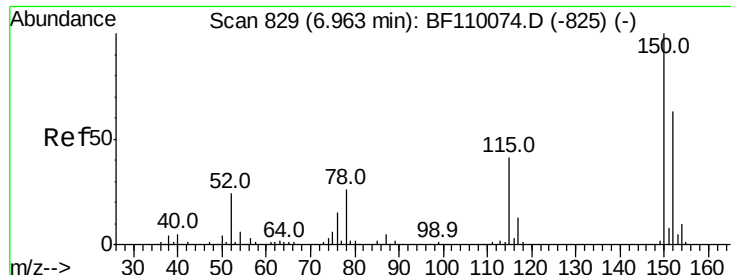
Instrument :
BNA_F
ClientSampleId :
TP-1-S

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11/2/2018 2:48:48 PM

Quant Time: Nov 02 05:00:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

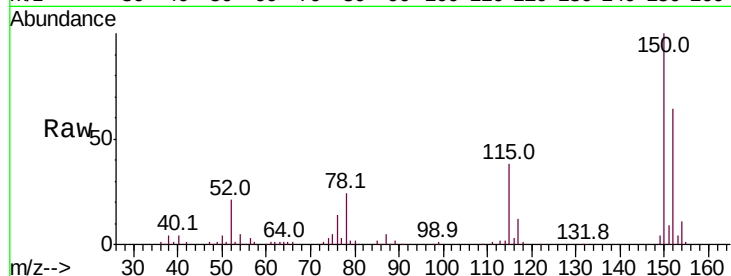
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110379.D
Acq: 1 Nov 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	59.7	49.1	73.7

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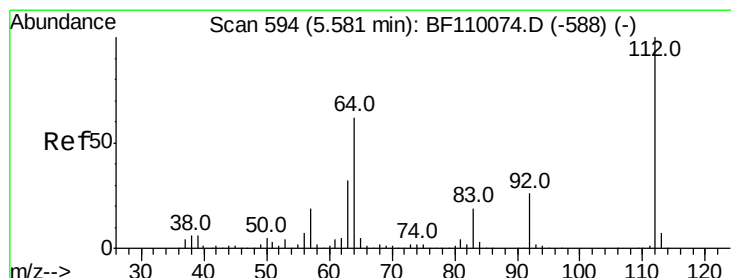
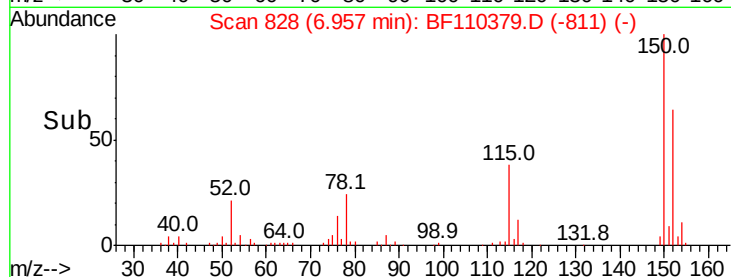
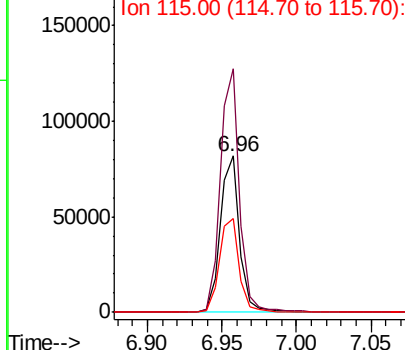


Abundance

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: 22.895 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110379.D
Acq: 1 Nov 2018 20:34

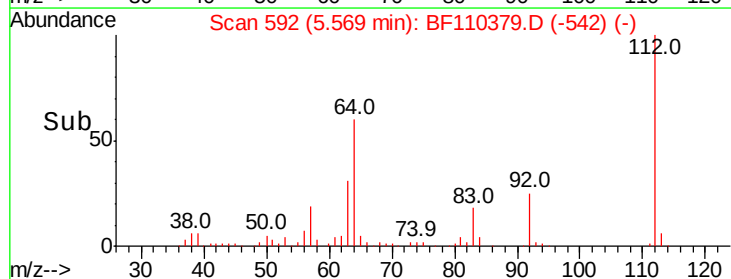
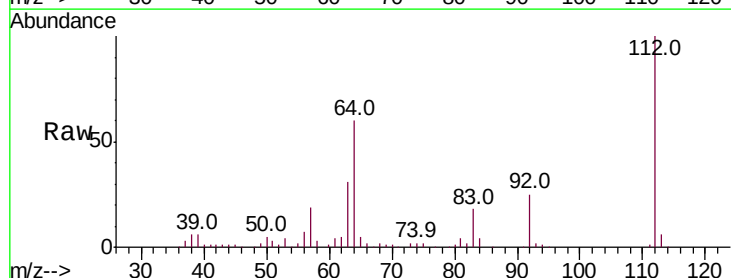
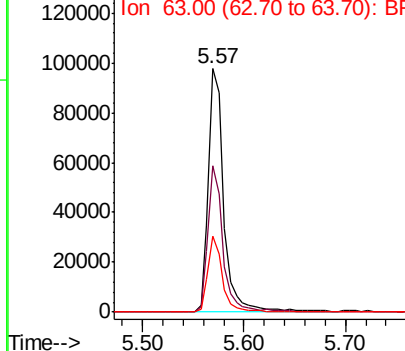
Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	31.4	23.7	35.5

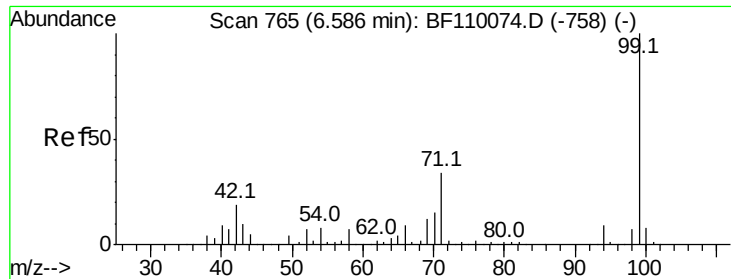
Abundance

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: 21.448 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110379.D

Acq: 1 Nov 2018 20:34

Instrument :

BNA_F

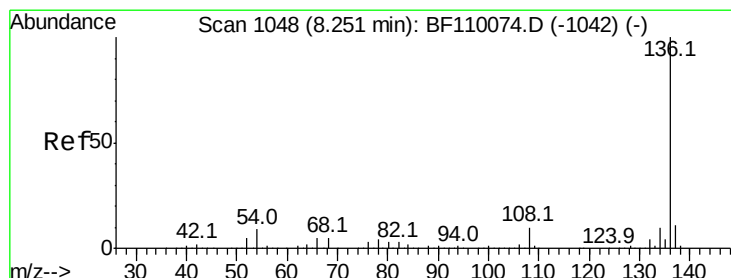
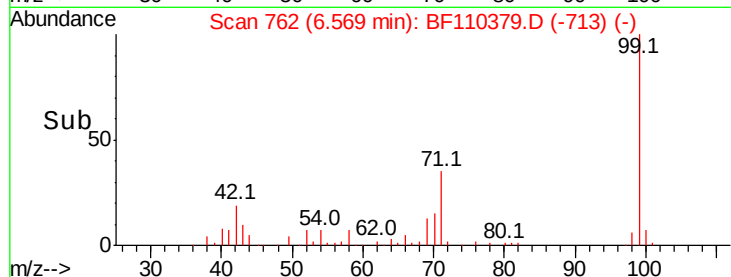
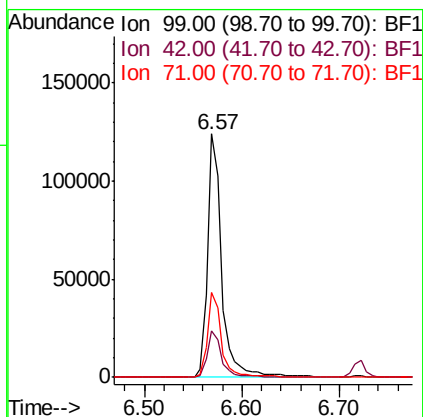
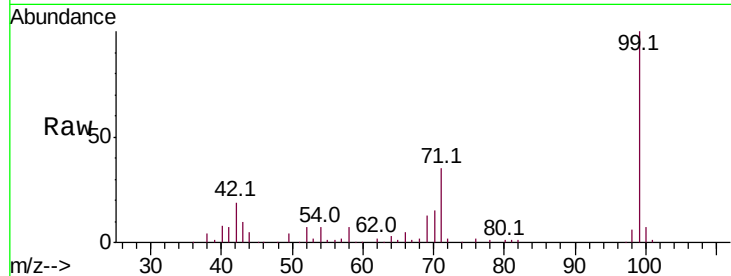
ClientSampleId :

TP-1-S

Tot Ion:	99	Resp:	125401
Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.8	23.6
71	34.7	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

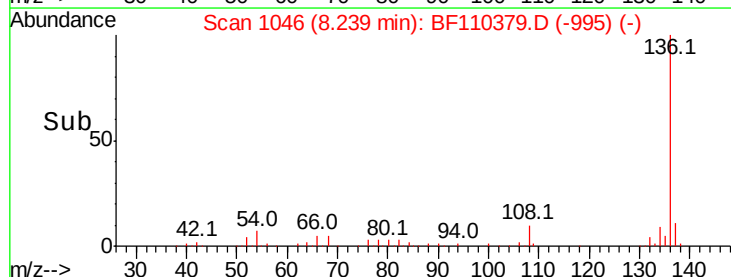
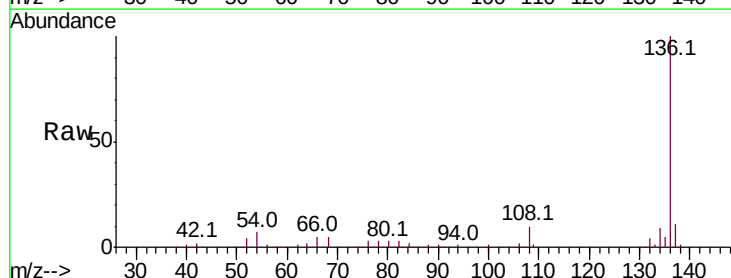
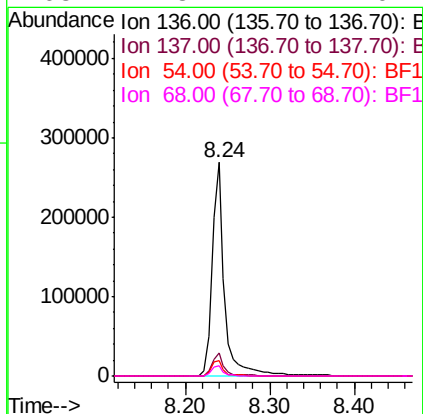
RT: 8.24 min Scan# 1046

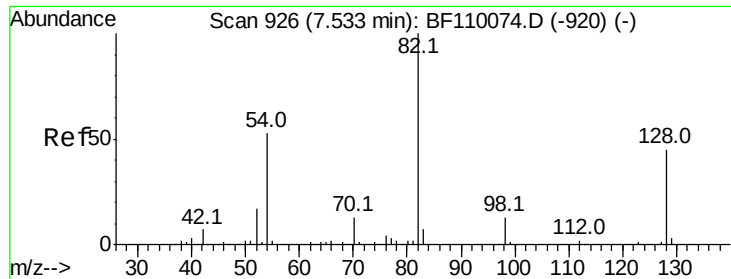
Delta R.T. 0.00 min

Lab File: BF110379.D

Acq: 1 Nov 2018 20:34

Tgt Ion:	136	Resp:	280281
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.4	5.4	8.2
68	4.8	4.2	6.2





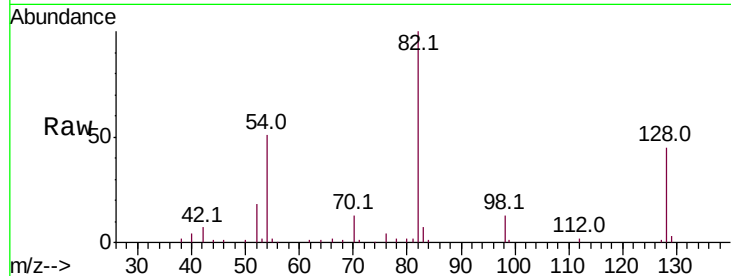
#23
 Nitrobenzene-d5
 Concen: 15.487 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110379.D
 Acq: 1 Nov 2018 20:34

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

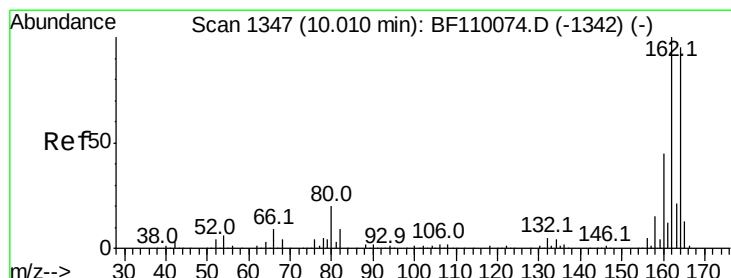
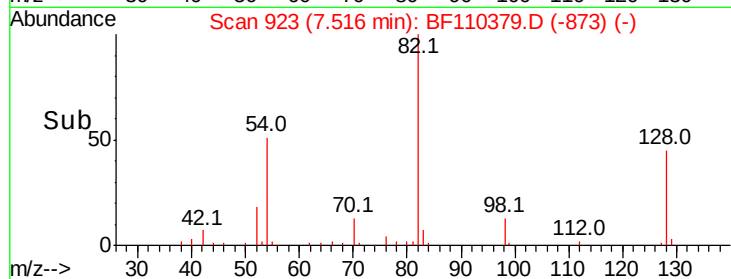
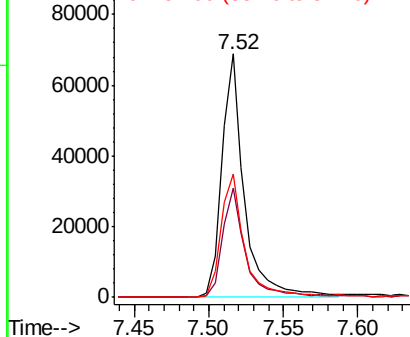
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	50.8	38.6	58.0

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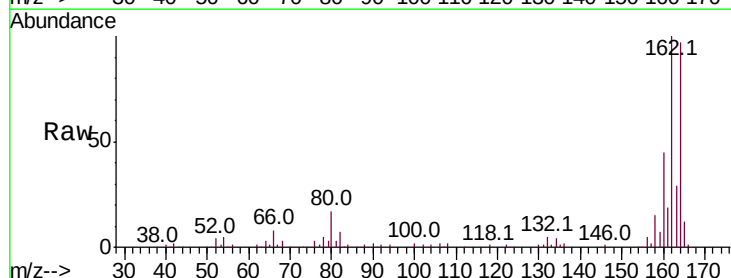


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

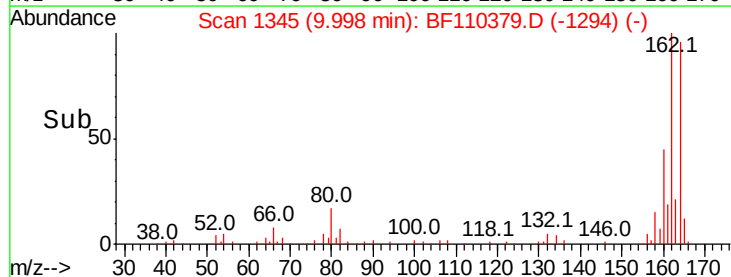
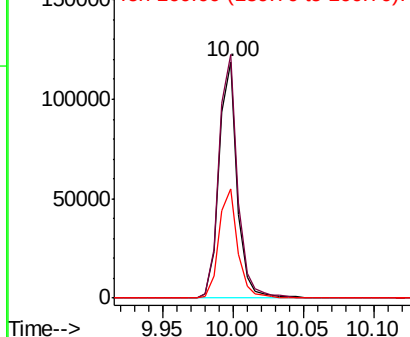


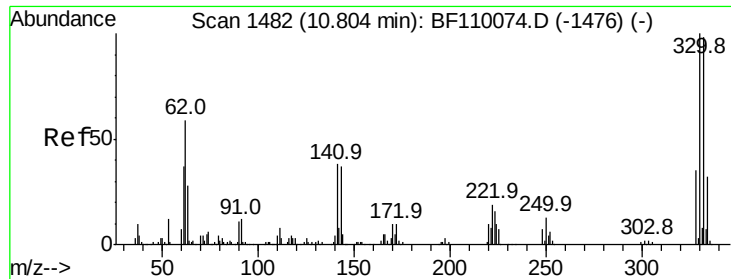
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF110379.D
 Acq: 1 Nov 2018 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	46.0	37.0	55.6



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





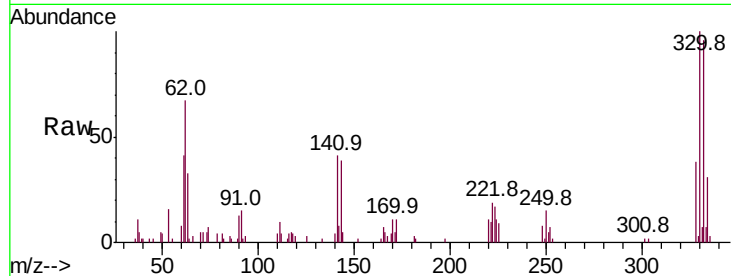
#42
 2,4,6-Tribromophenol
 Concen: 18.438 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110379.D
 Acq: 1 Nov 2018 20:34

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

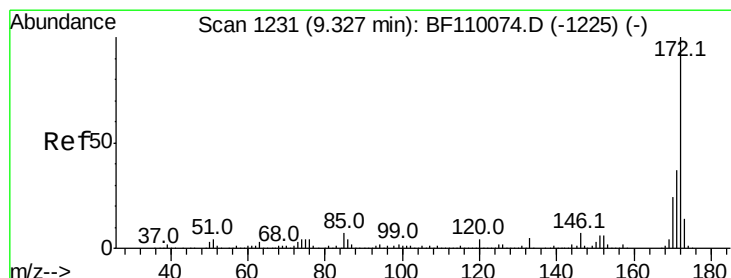
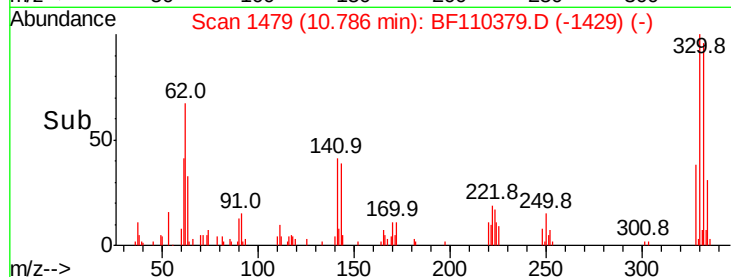
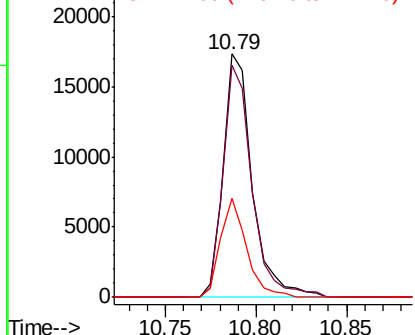
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.1	115.7
141	36.4	27.0	40.4

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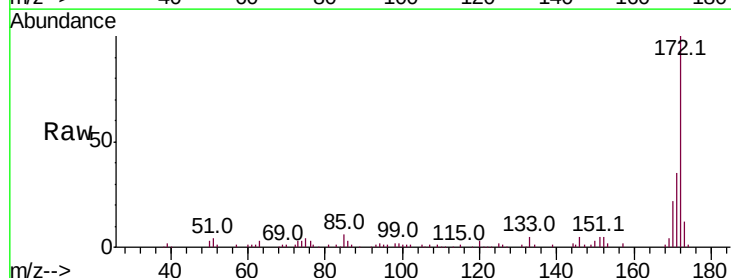


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

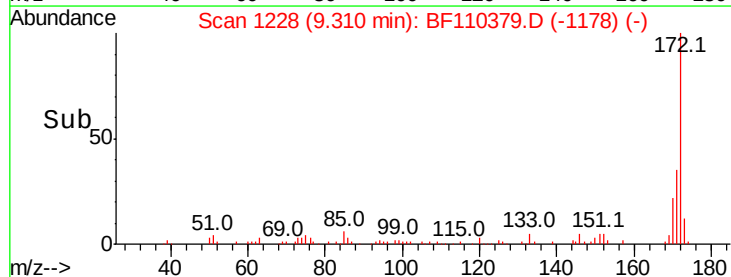
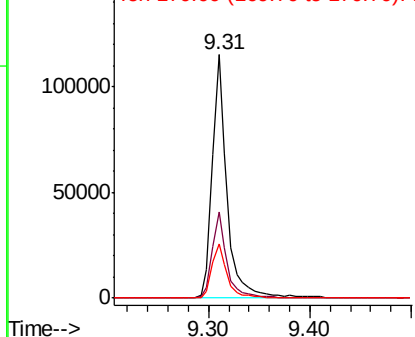


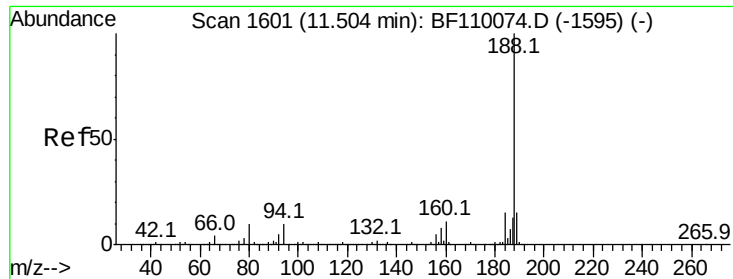
#45
 2-Fluorobiphenyl
 Concen: 17.304 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110379.D
 Acq: 1 Nov 2018 20:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	22.1	19.7	29.5



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110379.D

Acq: 1 Nov 2018 20:34

Instrument :

BNA_F

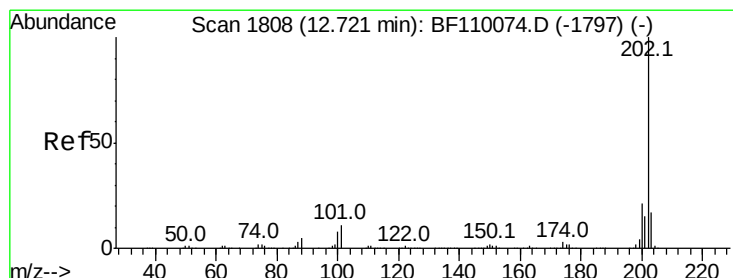
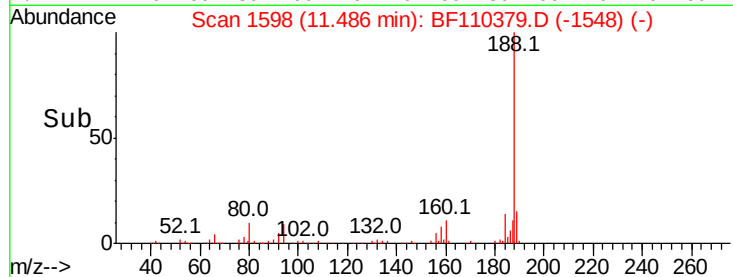
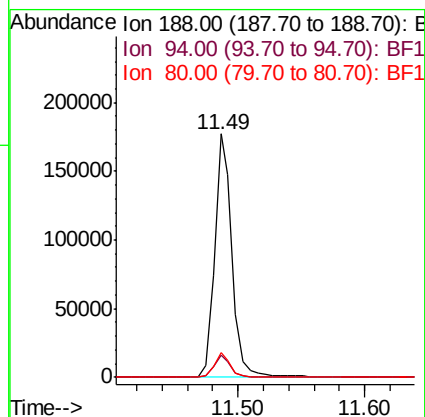
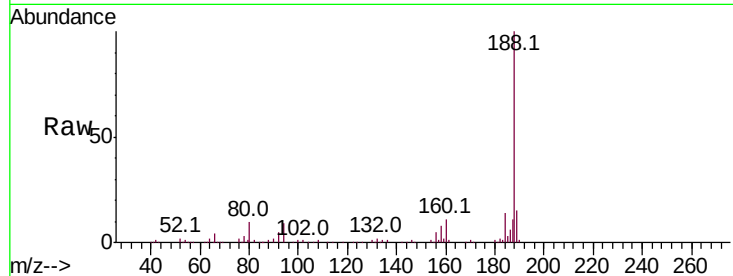
ClientSampleId :

TP-1-S

Tot Ion:188	Resp: 169738
Ion Ratio	Lower Upper
188 100	
94 9.0	7.2 10.8
80 10.2	7.9 11.9

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#75

Fluoranthene

Concen: 11.426 ng

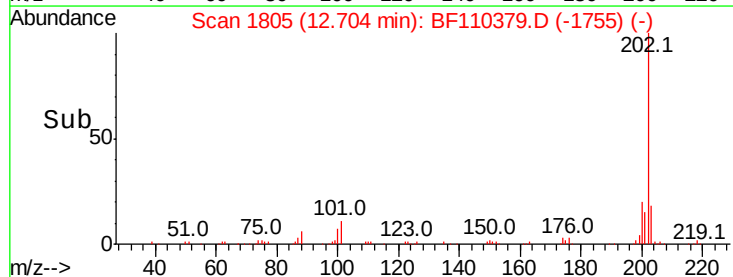
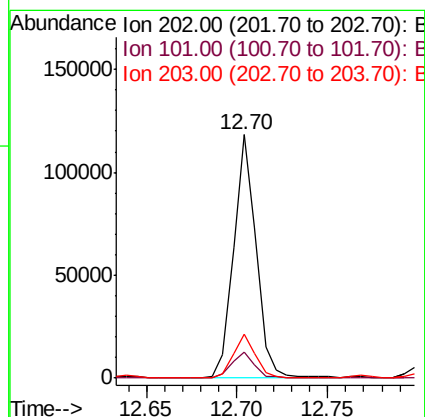
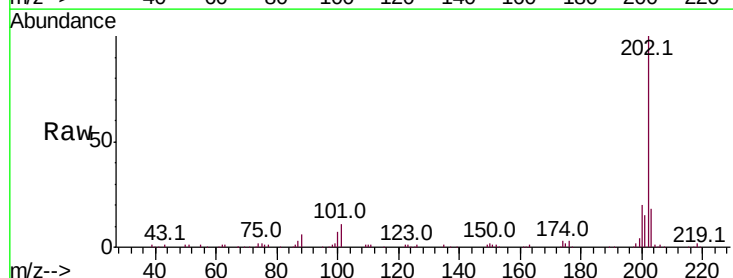
RT: 12.70 min Scan# 1805

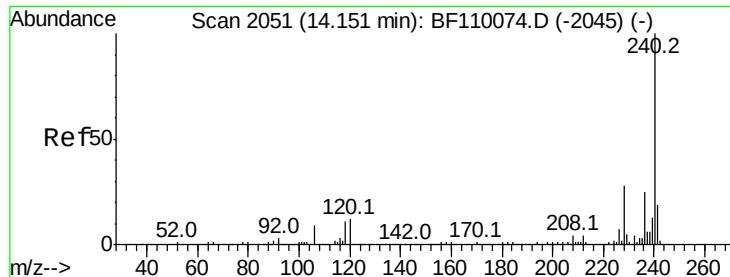
Delta R.T. -0.01 min

Lab File: BF110379.D

Acq: 1 Nov 2018 20:34

Tgt Ion:202	Resp: 102987
Ion Ratio	Lower Upper
202 100	
101 10.9	0.0 31.4
203 18.1	0.0 37.7





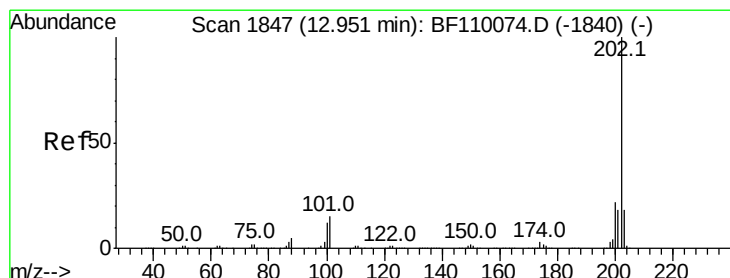
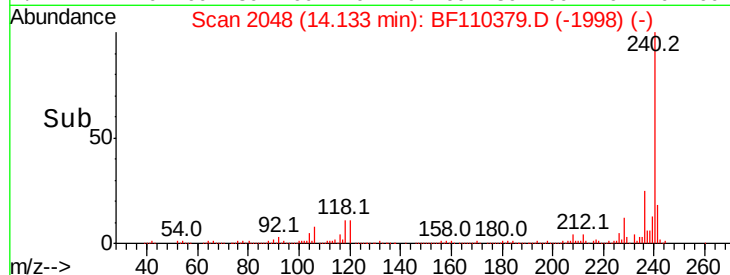
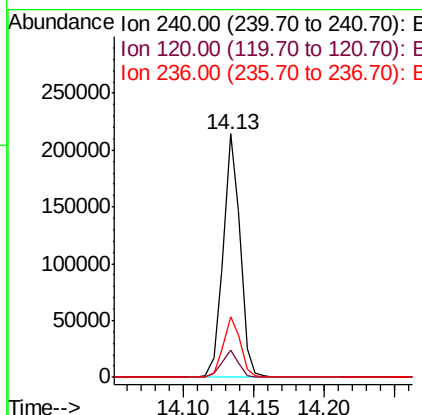
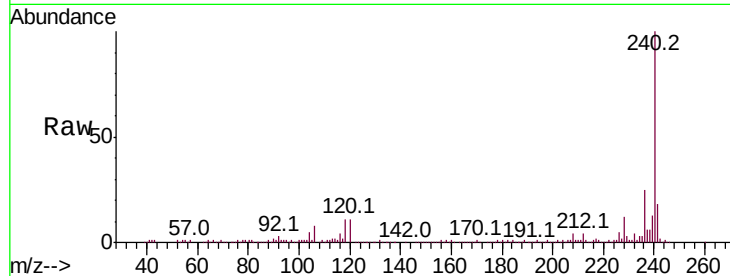
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110379.D
Acq: 1 Nov 2018 20:34

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tot Ion	Ratio	Resp	Lower	Upper
240	100	178967		
120	11.4	8.3	12.5	
236	25.0	21.2	31.8	

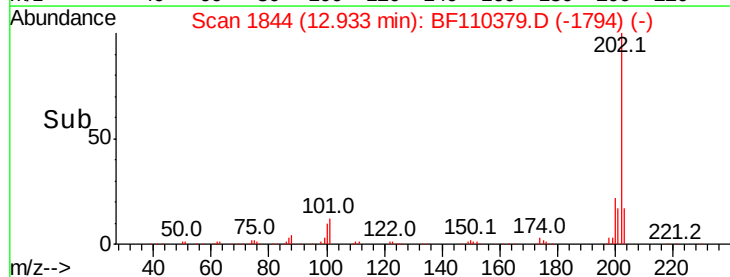
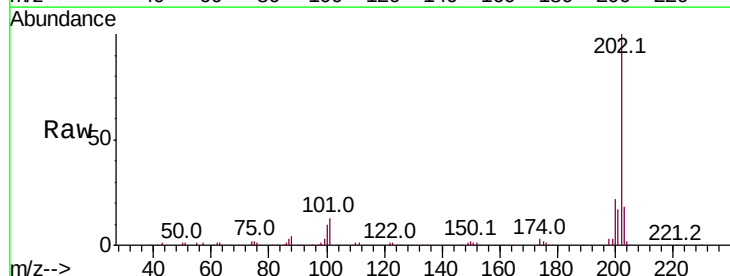
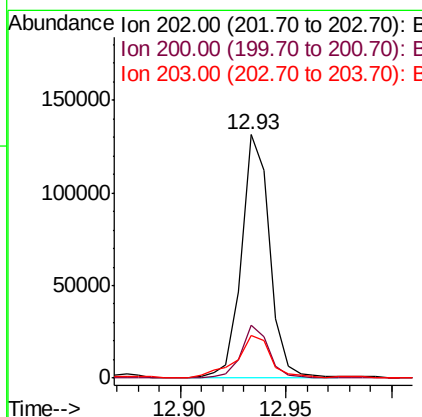
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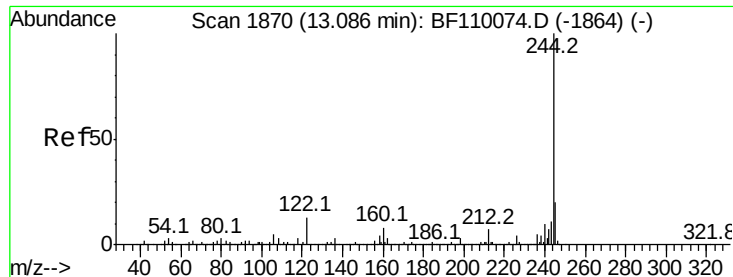
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#78
Pyrene
Concen: 9.477 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110379.D
Acq: 1 Nov 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	121591		
200	21.7	17.8	26.6	
203	17.7	14.2	21.4	





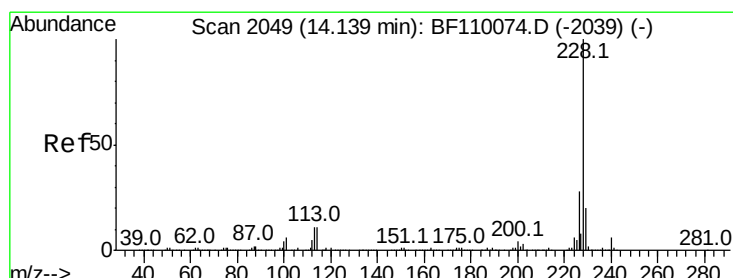
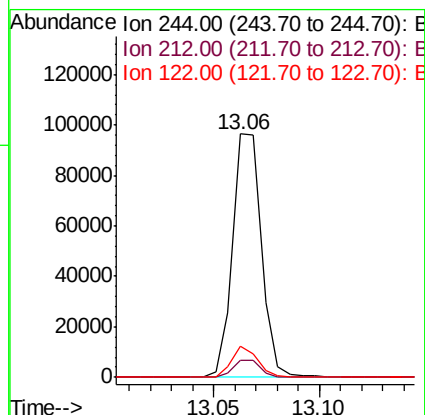
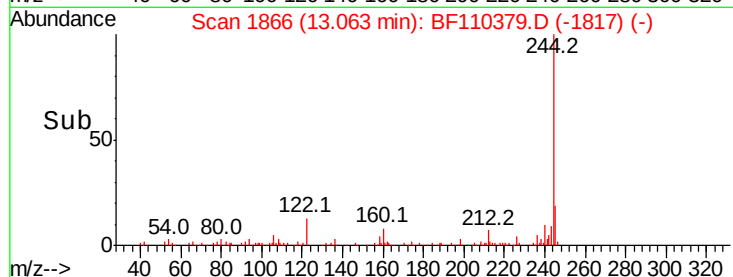
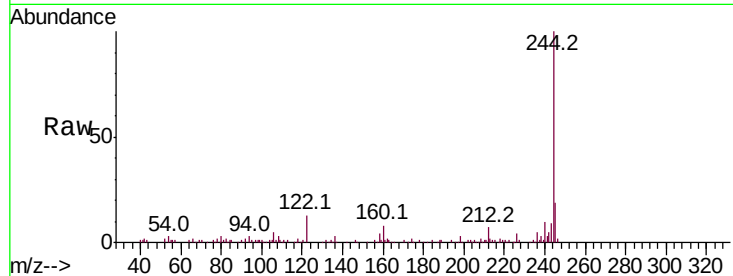
#79
 Terphenyl-d14
 Concen: 10.520 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110379.D
 Acq: 1 Nov 2018 20:34

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.6	8.7	13.1

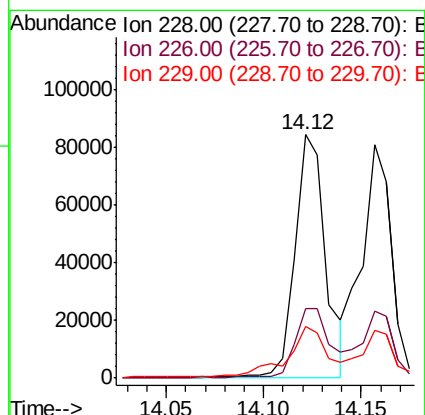
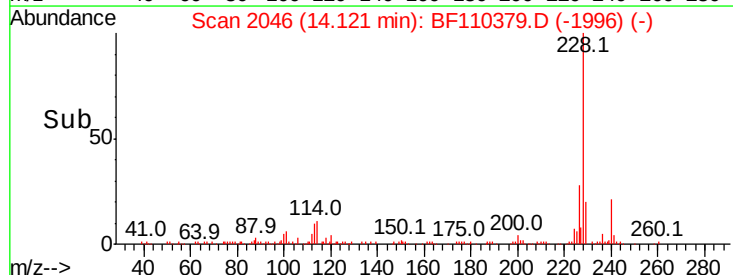
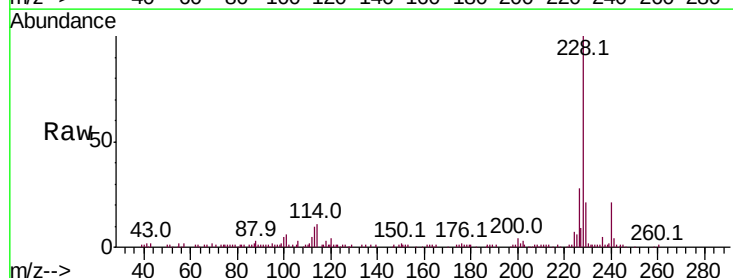
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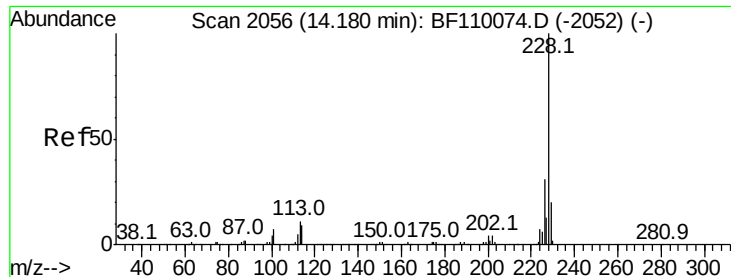
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#81
 Benzo(a)anthracene
 Concen: 8.701 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BF110379.D
 Acq: 1 Nov 2018 20:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	21.4	15.6	23.4





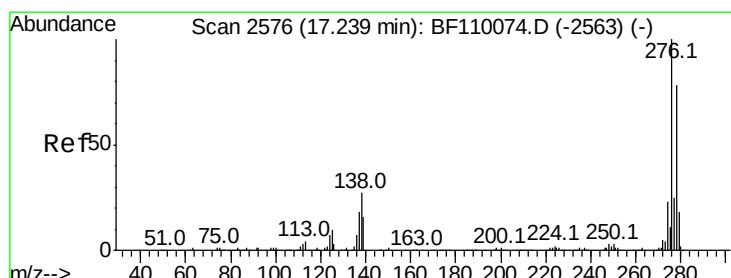
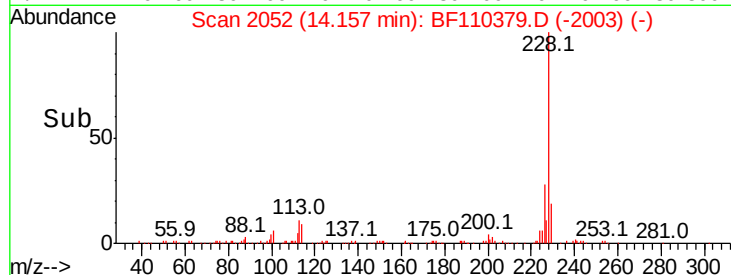
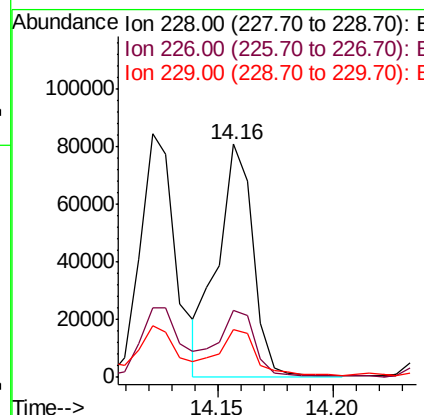
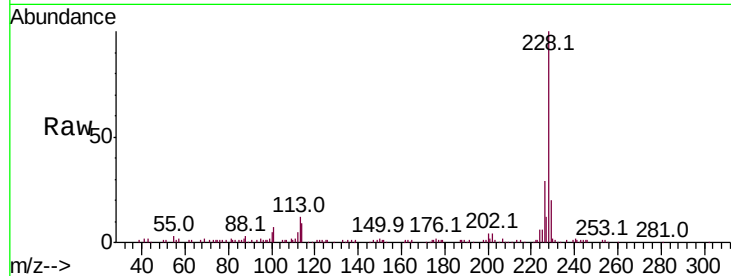
#83
Chrysene
Concen: 8.507 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110379.D
Acq: 1 Nov 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.7	37.1
229	20.2	15.9	23.9

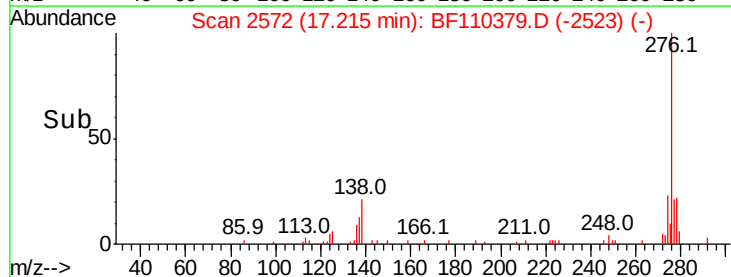
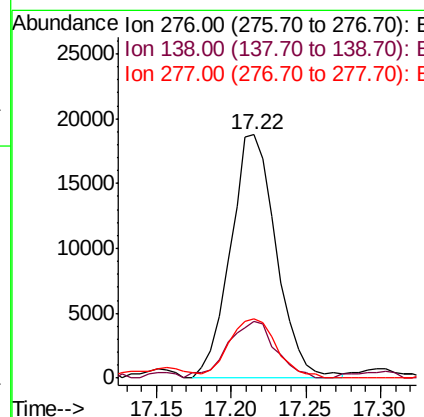
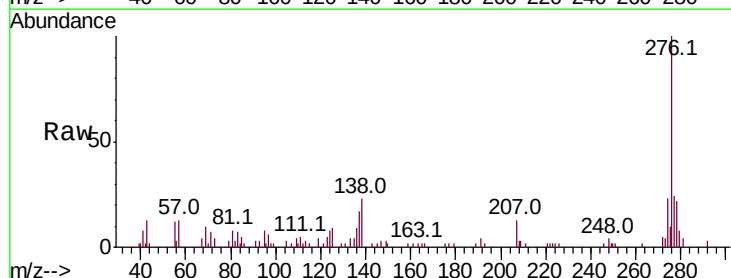
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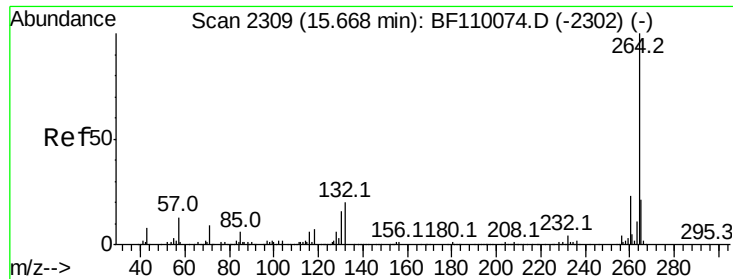
Sohil
11/2/2018 2:48:48 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.786 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF110379.D
Acq: 1 Nov 2018 20:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.5	27.7
277	25.5	20.0	30.0





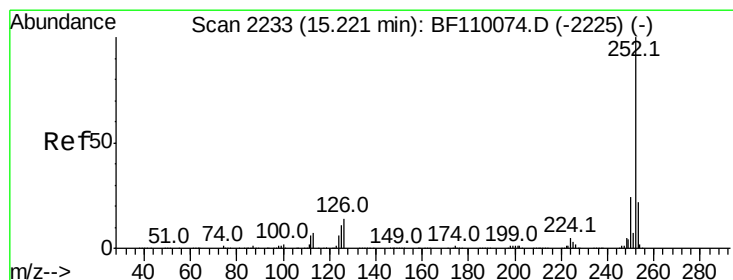
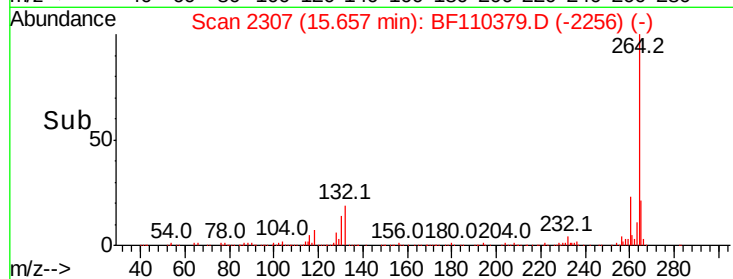
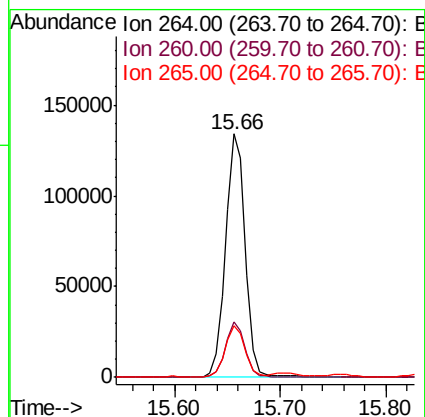
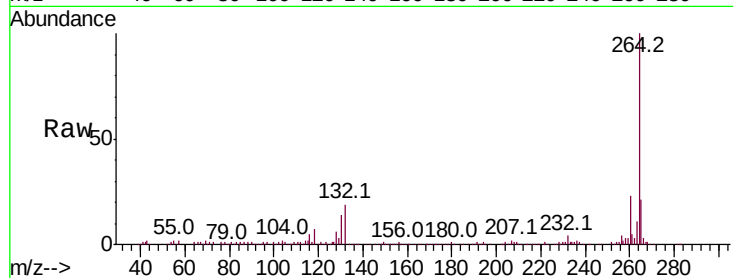
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110379.D
Acq: 1 Nov 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.2	16.7	25.1

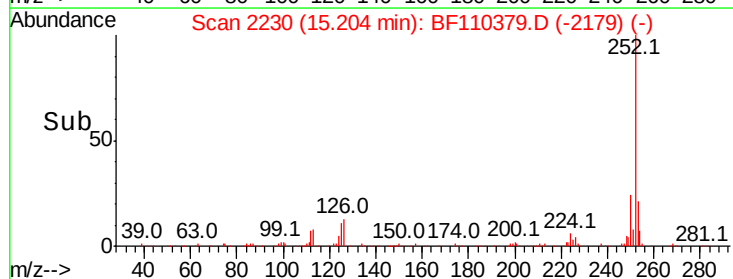
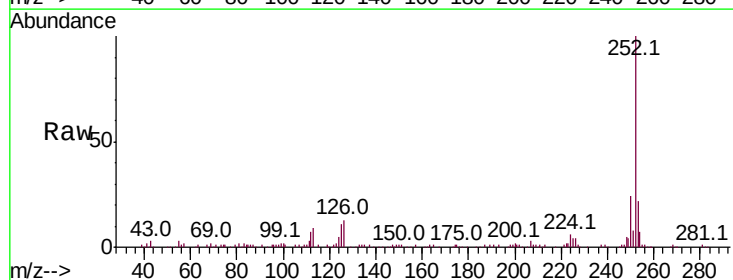
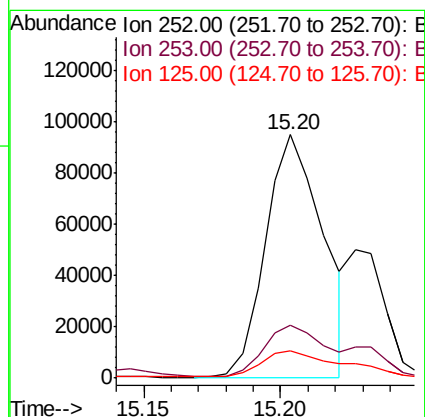
Manual Integrations
APPROVED

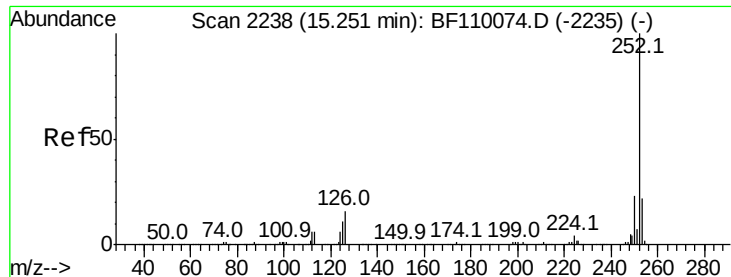
Sohil
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#88
Benzo(b)fluoranthene
Concen: 13.952 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110379.D
Acq: 1 Nov 2018 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.4	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 4.855 ng m

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF110379.D

Acq: 1 Nov 2018 20:34

Instrument :

BNA_F

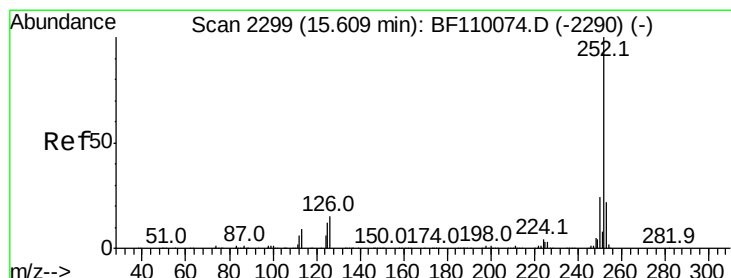
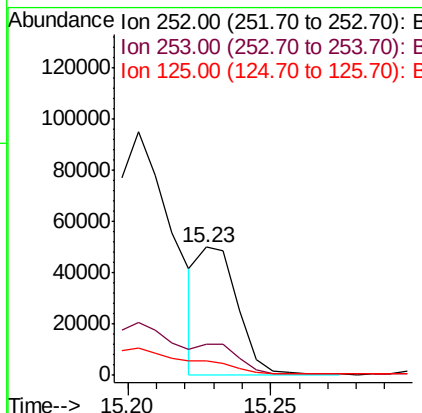
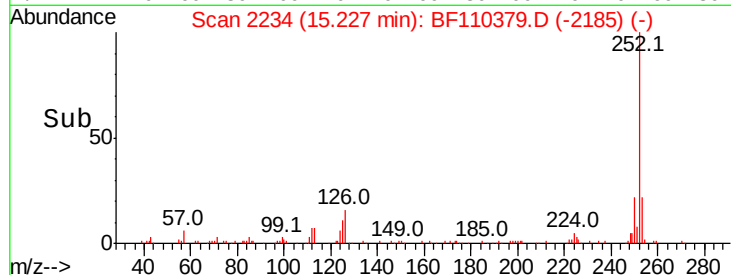
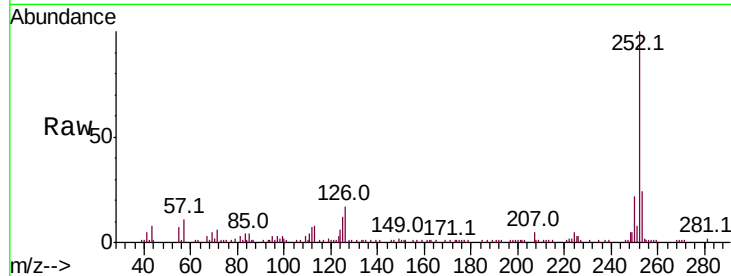
ClientSampled :

TP-1-S

Tot Ion:	252	Resp:	47595
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.2	25.8
125	11.6	7.4	11.0#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 9.389 ng

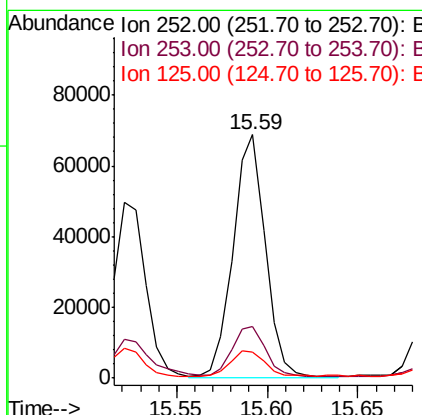
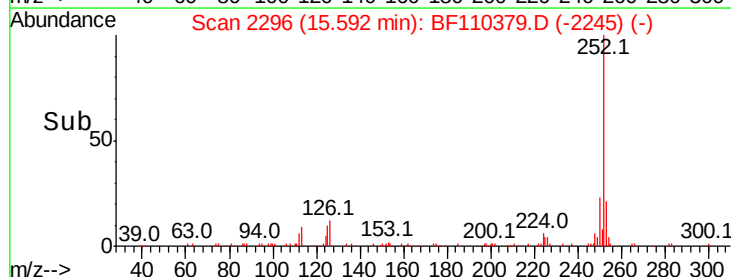
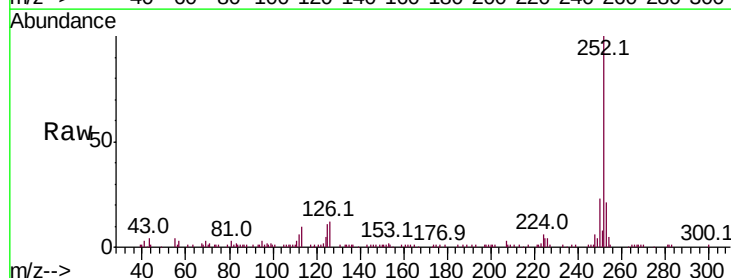
RT: 15.59 min Scan# 2296

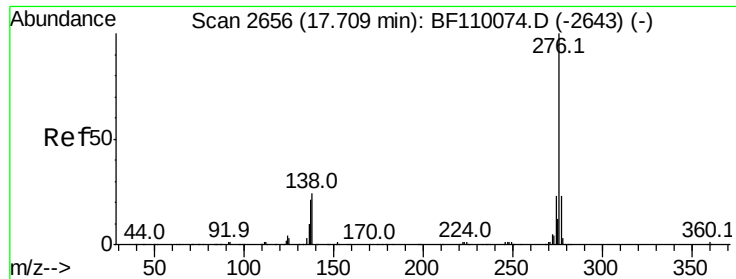
Delta R.T. 0.00 min

Lab File: BF110379.D

Acq: 1 Nov 2018 20:34

Tgt Ion:	252	Resp:	86150
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.2	27.4
125	10.6	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 4.052 ng
 RT: 17.69 min Scan# 2653
 Delta R.T. -0.01 min
 Lab File: BF110379.D
 Acq: 1 Nov 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	25.0	16.0	24.0

Manual Integrations
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 11/2/2018 2:48:48 PM

