

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111464.D
 Acq On : 15 Dec 2018 13:13
 Operator : JU/SJ
 Sample : J6208-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Manual Integrations
 APPROVED

Sohil
 12/17/2018 3:11:51 PM

Quant Time: Dec 16 01:06:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	171975	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	692402	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	308960	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	453982	20.00	ng	0.00
76) Chrysene-d12	13.95	240	330045	20.00	ng	0.00
87) Perylene-d12	15.39	264	316400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1000341	96.79	ng	0.00
7) Phenol-d6	6.44	99	1294426	94.16	ng	0.00
23) Nitrobenzene-d5	7.36	82	819586	70.49	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	214509	77.51	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1350024	67.49	ng	0.00
79) Terphenyl-d14	12.90	244	836814	59.54	ng	0.00
Target Compounds						
10) Phenol	6.45	94	93201	6.086	ng	94
50) Dimethylphthalate	9.55	163	153444	6.896	ng	98
71) Phenanthrene	11.34	178	437910	18.720	ng	92
72) Anthracene	11.39	178	100609	4.205	ng	93
75) Fluoranthene	12.53	202	510417	22.303	ng	96
78) Pyrene	12.75	202	449435	19.315	ng	94
81) Benzo(a)anthracene	13.94	228	222534	12.400	ng	99
83) Chrysene	13.97	228	198753	10.513	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	35877	2.477	ng	100
86) Indeno(1,2,3-cd)pyrene	16.80	276	86303	6.325	ng	# 90
88) Benzo(b)fluoranthene	14.97	252	254352m	13.789	ng	
89) Benzo(k)fluoranthene	15.00	252	93045m	5.279	ng	
90) Benzo(a)pyrene	15.33	252	177539	10.673	ng	99
92) Benzo(a,h,i)perylene	17.23	276	86440	6.711	ng	93

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

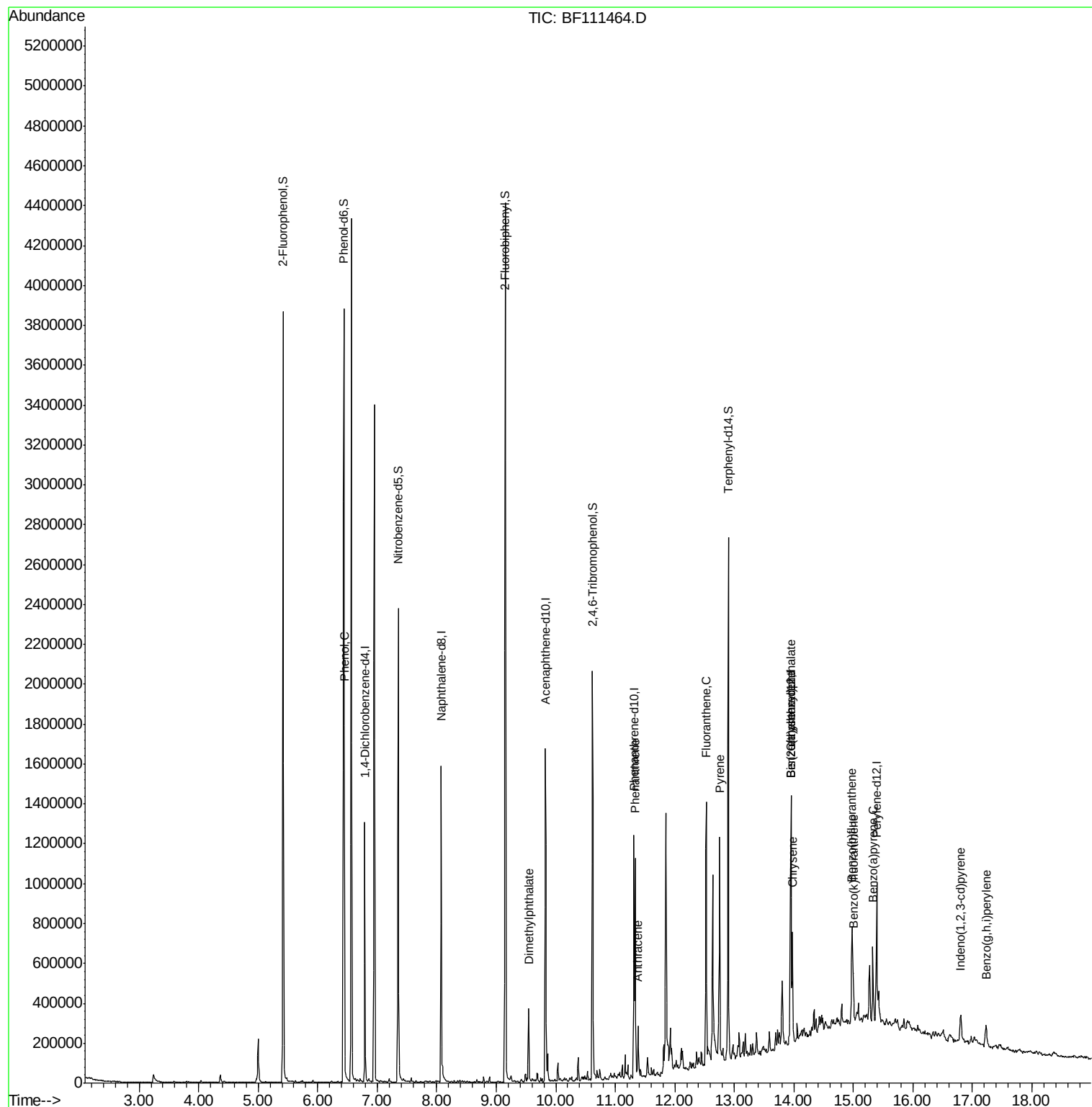
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111464.D
Acq On : 15 Dec 2018 13:13
Operator : JU/SJ
Sample : J6208-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

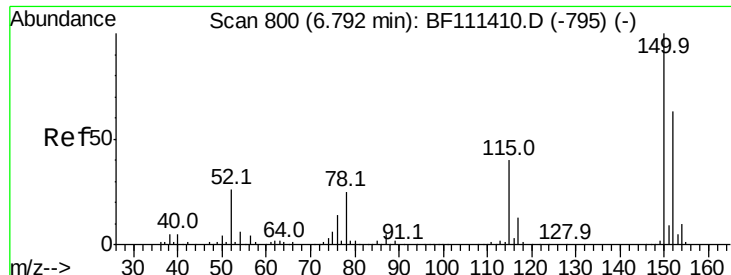
Instrument :
BNA_F
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TP-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
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#1

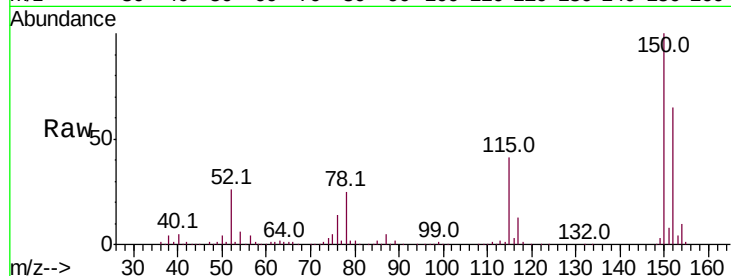
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	62.8	50.7	76.1

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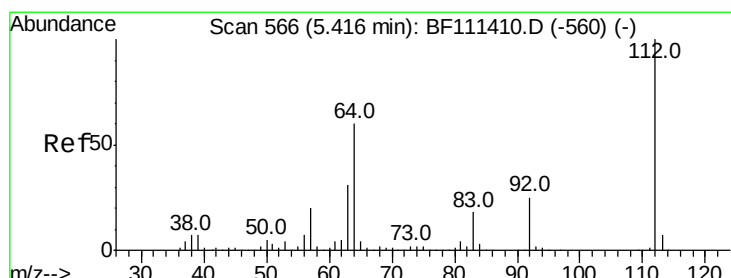
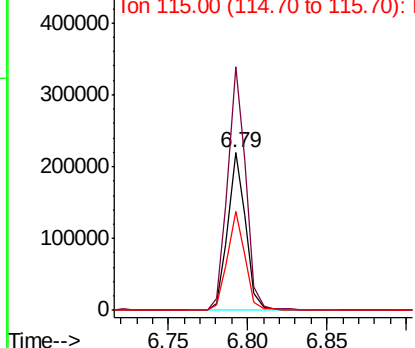
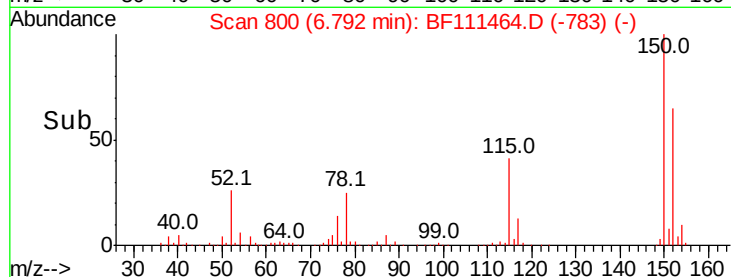


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

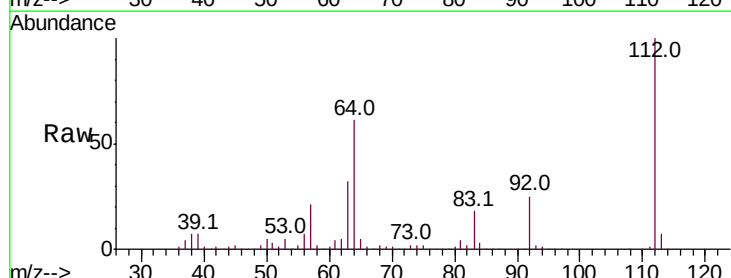
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.795 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	51.8	77.6
63	32.1	26.8	40.2

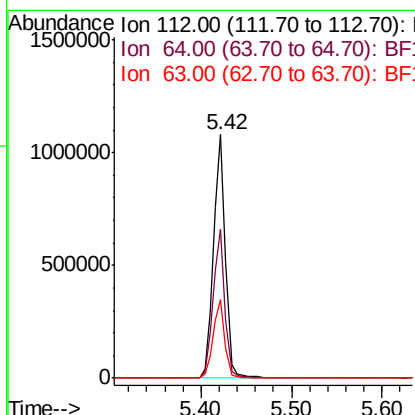
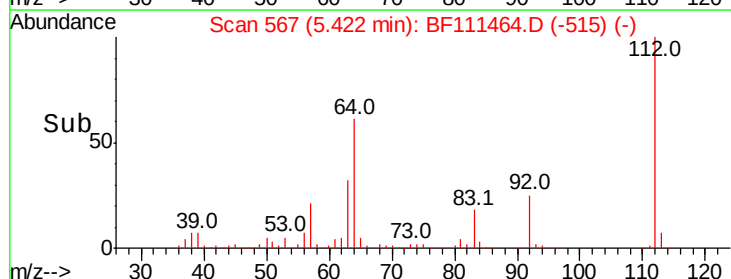


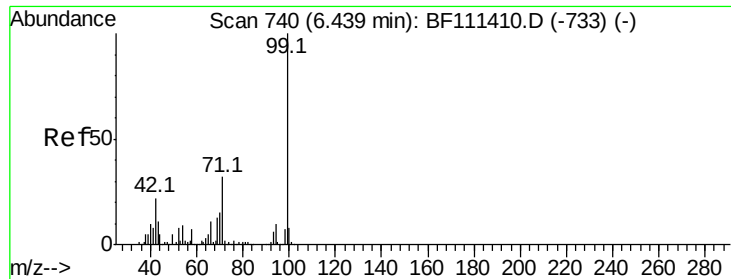
Abundance

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: 94.161 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111464.D

Acq: 15 Dec 2018 13:13

Instrument :

BNA_F

ClientSampled :

TP-6

Tot Ion: 99 Resp: 1294426

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

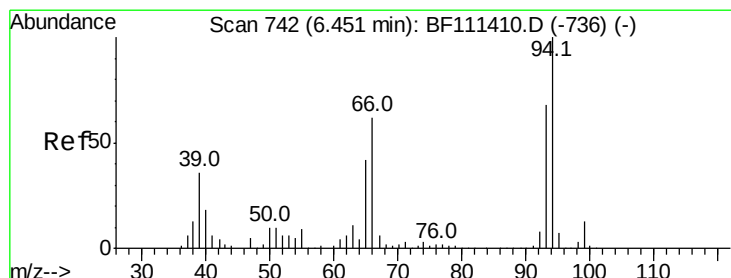
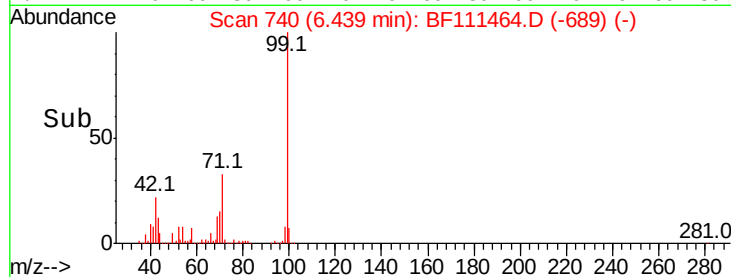
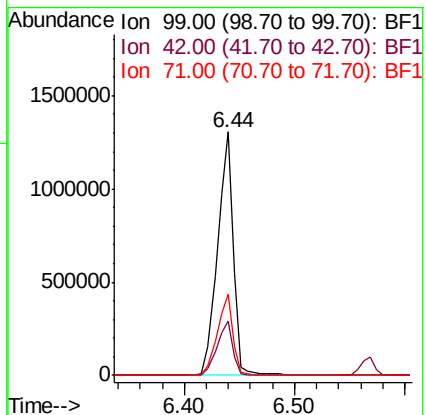
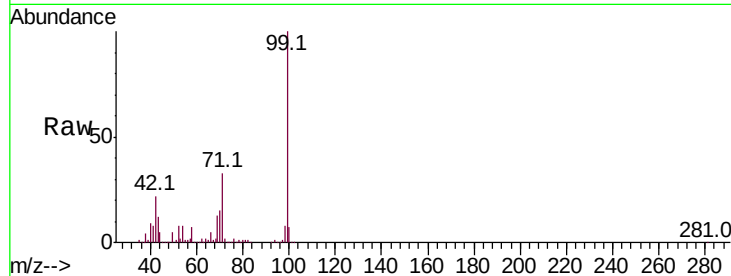
71 33.4 26.1 39.1

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#10

Phenol

Concen: 6.086 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111464.D

Acq: 15 Dec 2018 13:13

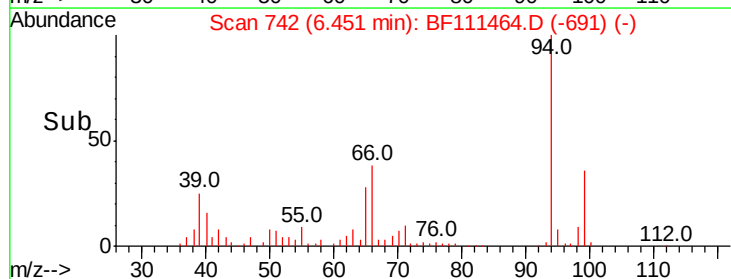
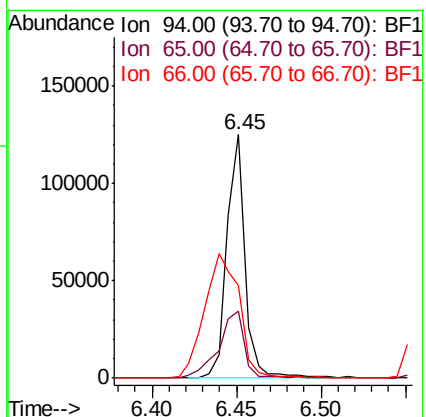
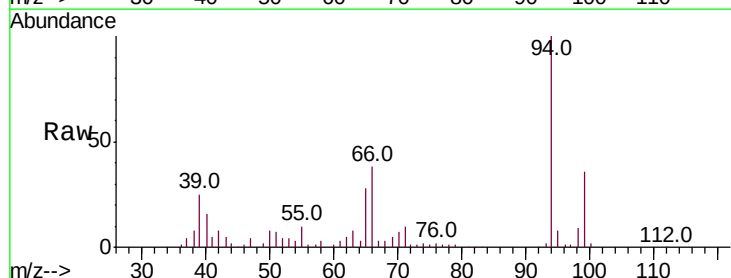
Tgt Ion: 94 Resp: 93201

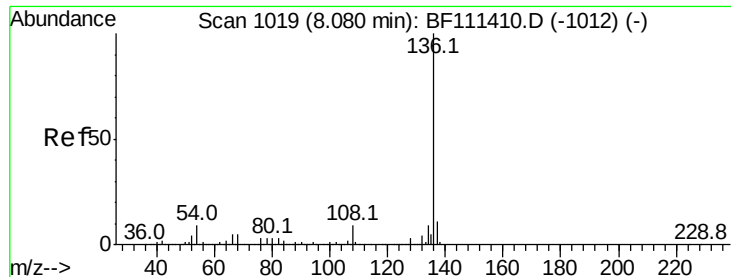
Ion Ratio Lower Upper

94 100

65 27.7 11.7 51.7

66 37.8 21.0 61.0





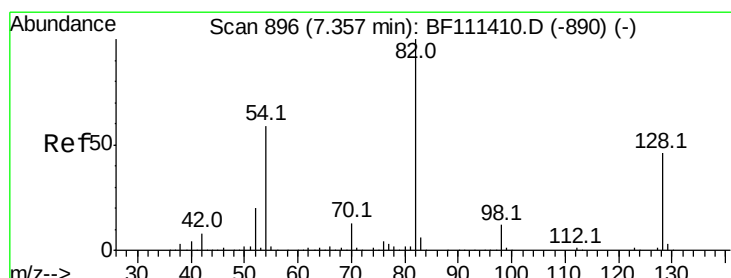
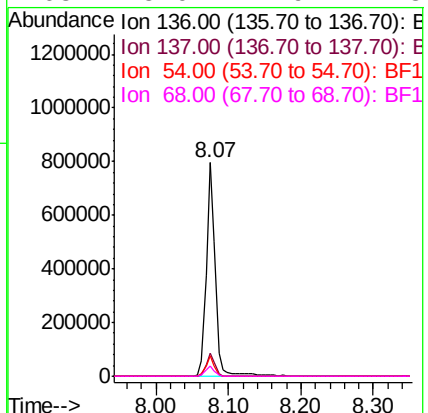
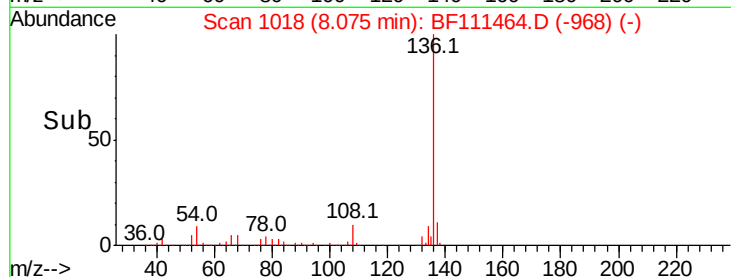
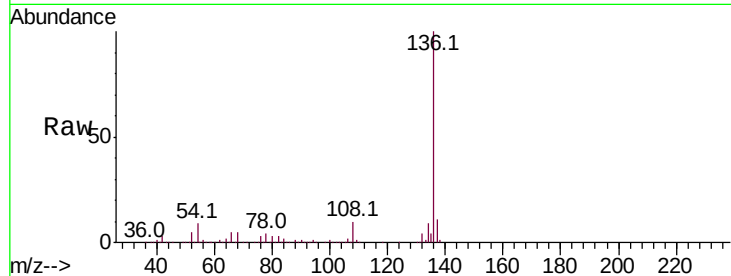
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		692402		
137	11.0	9.1	13.7		
54	9.4	7.7	11.5		
68	5.0	4.9	7.3		

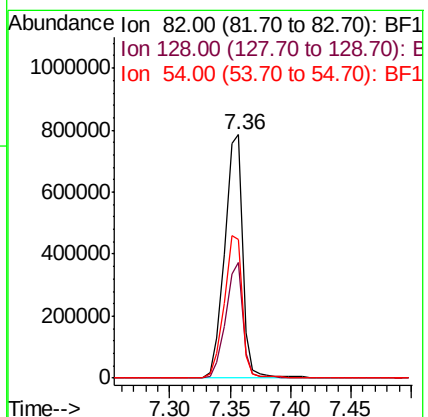
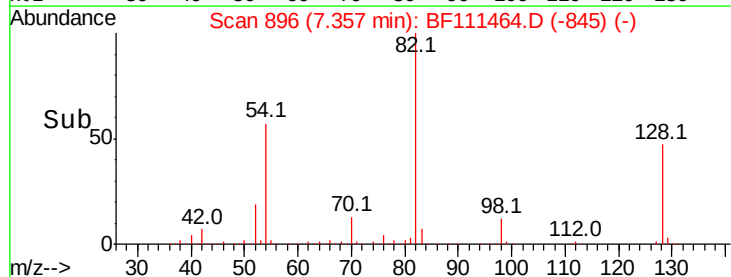
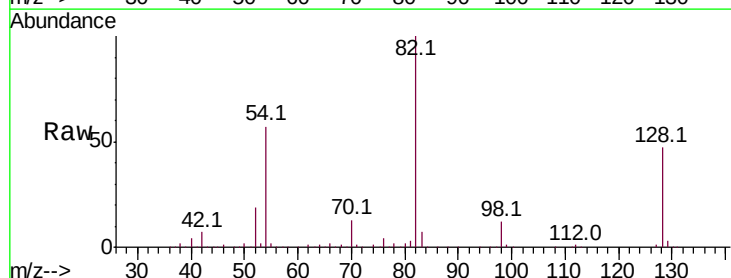
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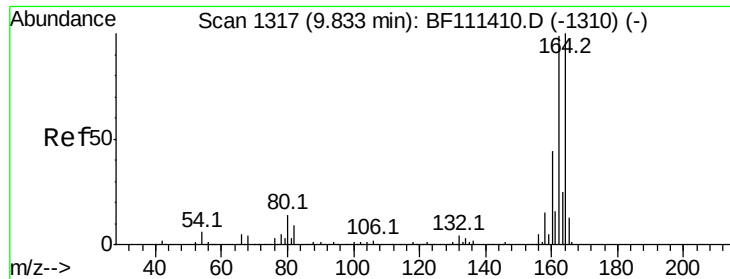
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#23
Nitrobenzene-d5
Concen: 70.487 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		819586		
128	47.5	37.4	56.2		
54	56.7	47.6	71.4		





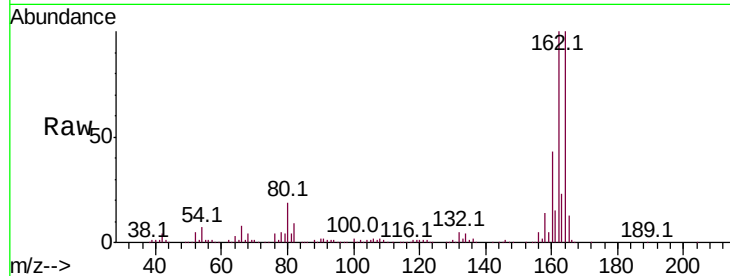
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Instrument :
BNA_F
ClientSampled :
TP-6

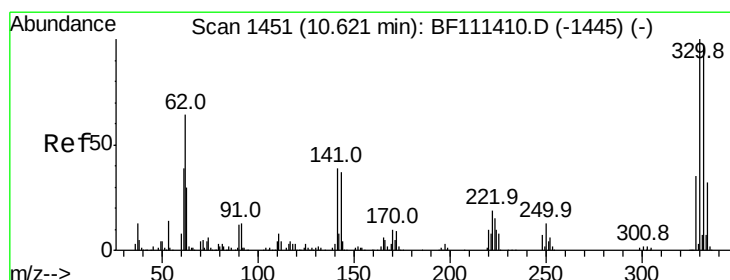
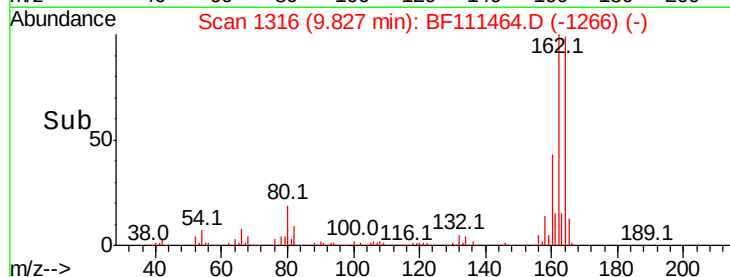
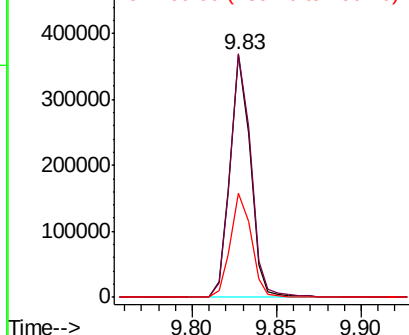
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.5	81.4	122.0	
160	43.1	35.7	53.5	

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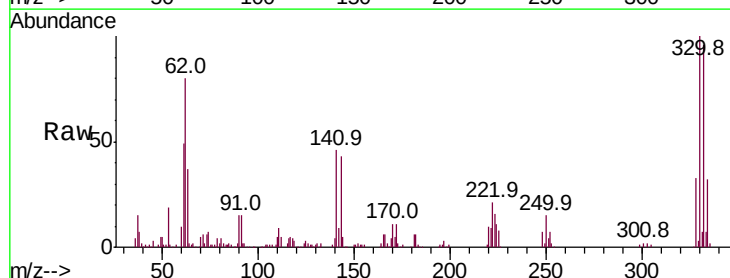


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

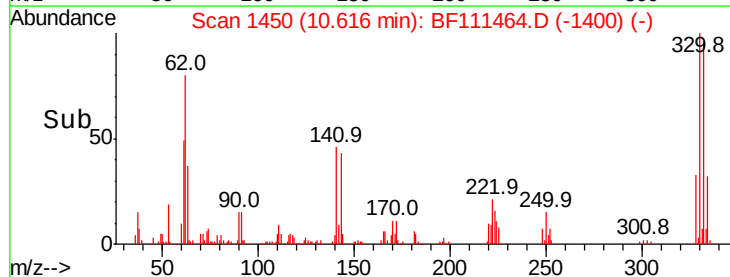
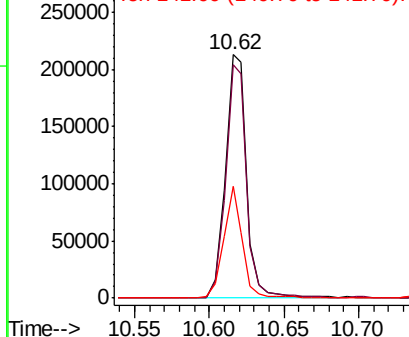


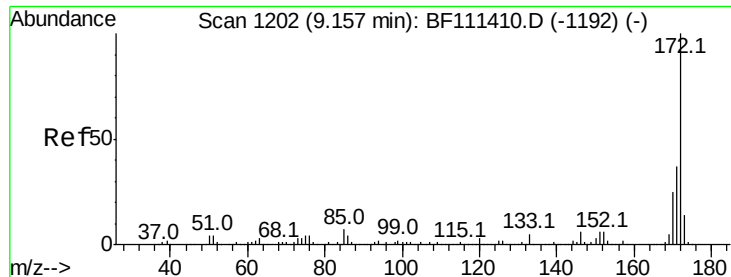
#42
2,4,6-Tribromophenol
Concen: 77.507 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	76.0	114.0	
141	40.6	31.0	46.6	



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





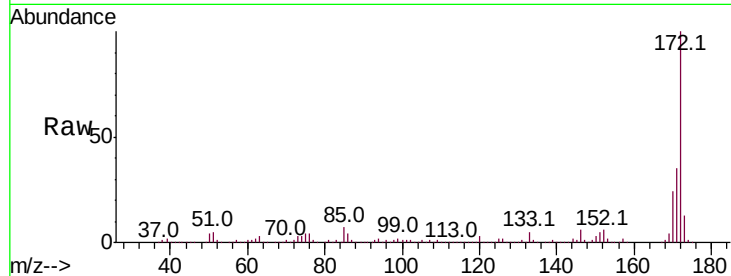
#45
2-Fluorobiphenyl
Concen: 67.494 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	23.6	22.3	33.5

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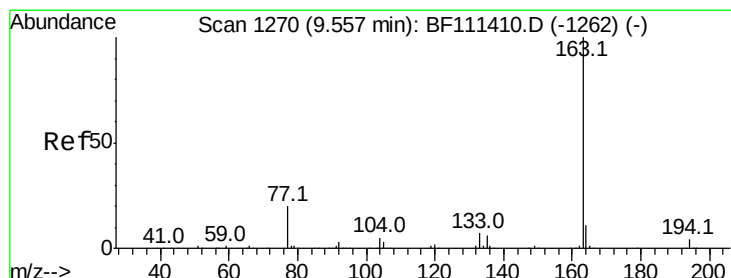
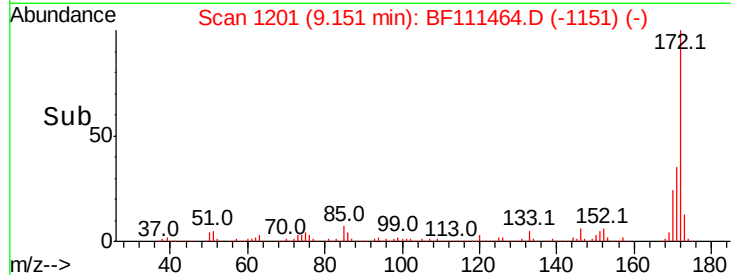
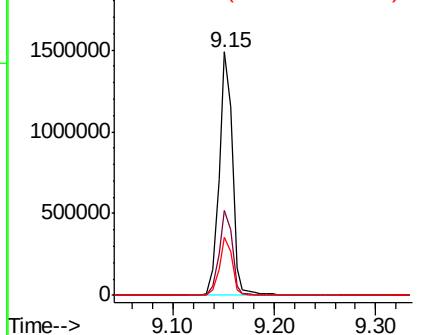


Abundance

Ion 172.00 (171.70 to 172.70): E

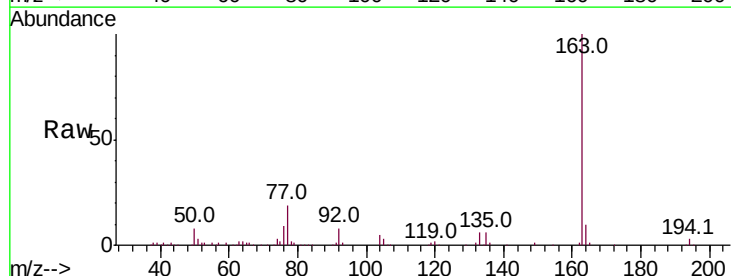
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.896 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	10.3	8.9	13.3

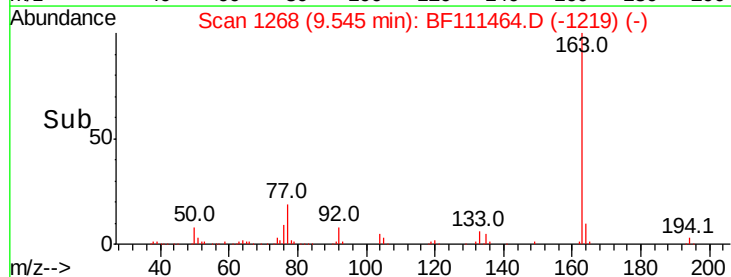
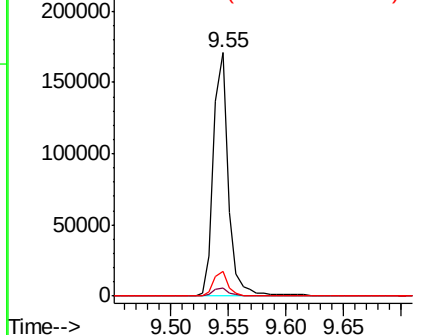


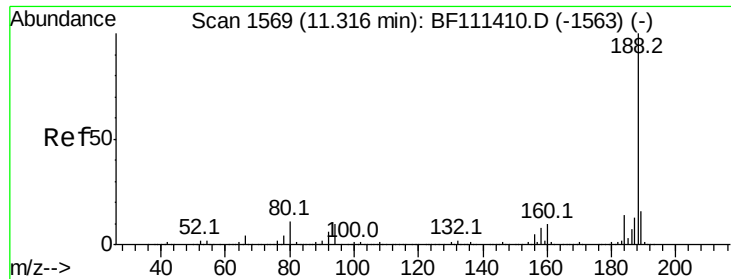
Abundance

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: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF111464.D

Acq: 15 Dec 2018 13:13

Instrument :

BNA_F

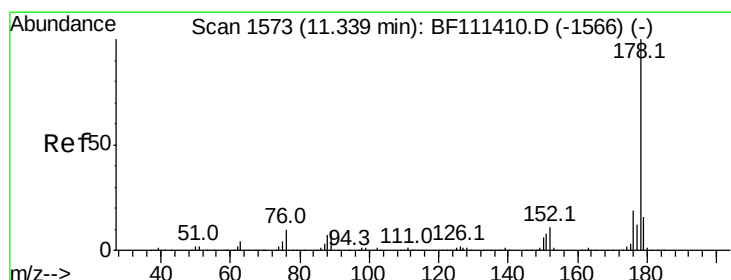
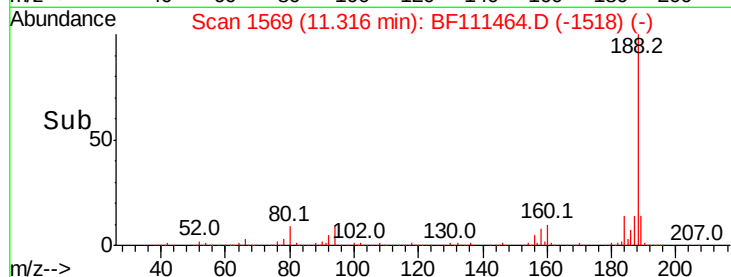
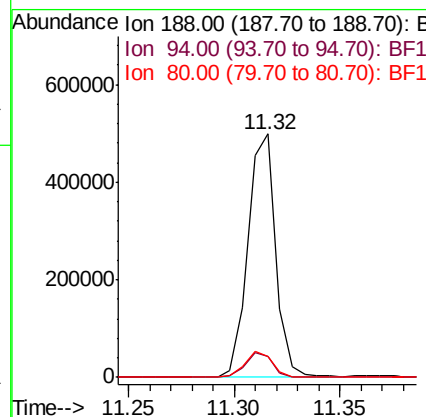
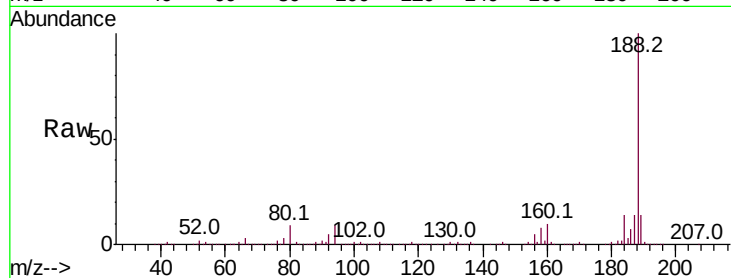
ClientSampled :

TP-6

Tot Ion:	188	Resp:	453982
Ion Ratio	Lower	Upper	
188	100		
94	8.6	9.6	14.4#
80	8.7	9.8	14.6#

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#71

Phenanthrene

Concen: 18.720 ng

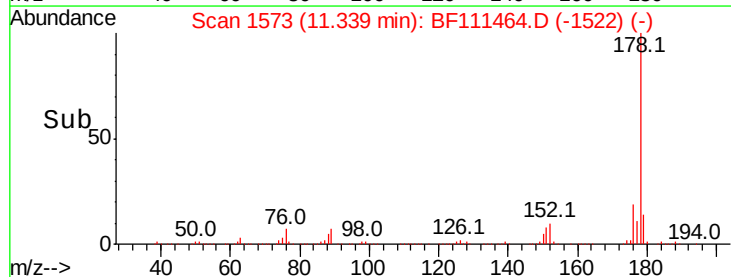
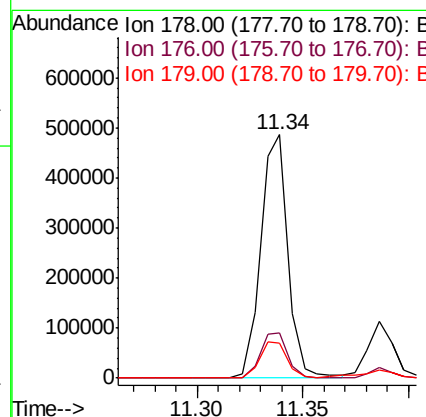
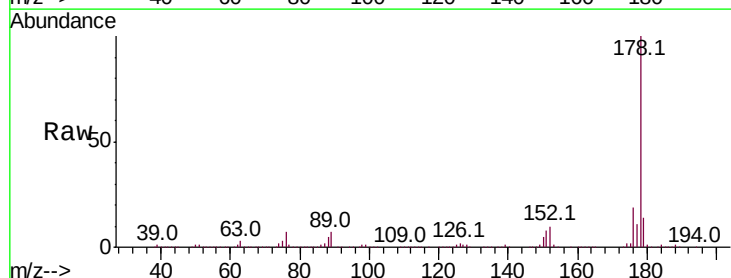
RT: 11.34 min Scan# 1573

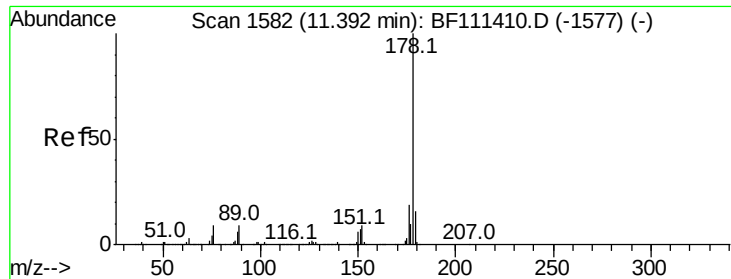
Delta R.T. -0.00 min

Lab File: BF111464.D

Acq: 15 Dec 2018 13:13

Tgt Ion:	178	Resp:	437910
Ion Ratio	Lower	Upper	
178	100		
176	18.8	18.1	27.1
179	14.4	14.0	21.0





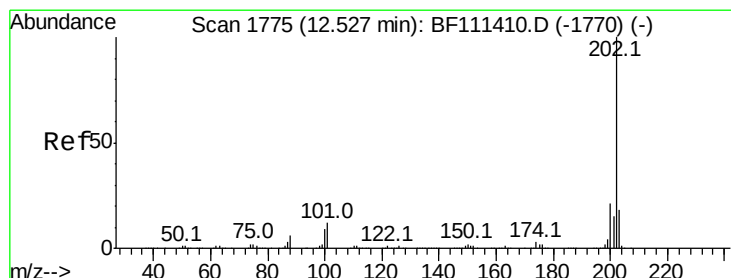
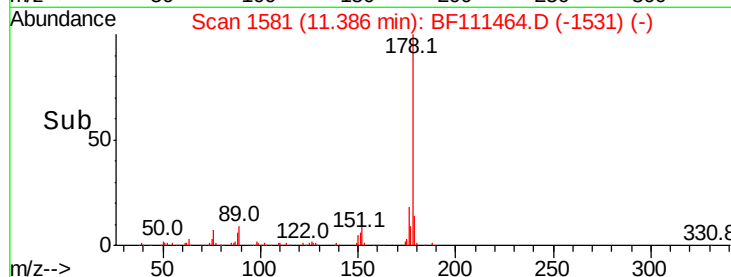
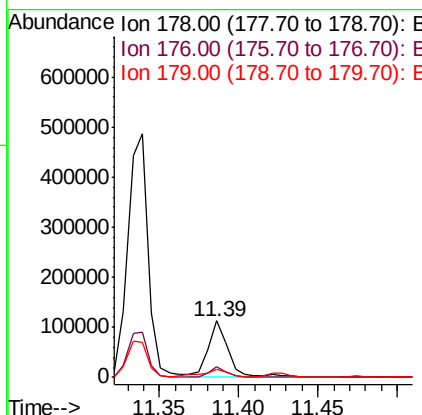
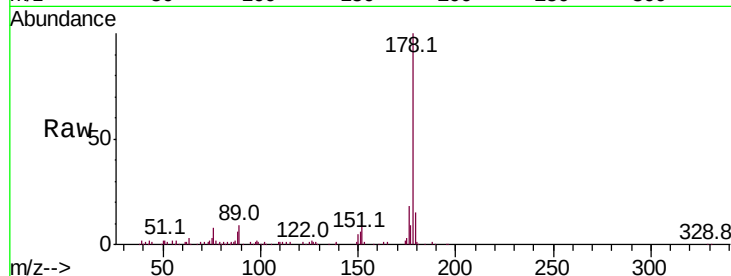
#72
 Anthracene
 Concen: 4.205 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF111464.D
 Acq: 15 Dec 2018 13:13

Instrument :
 BNA_F
 ClientSampled :
 TP-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	17.2	25.8
179	14.6	13.8	20.8

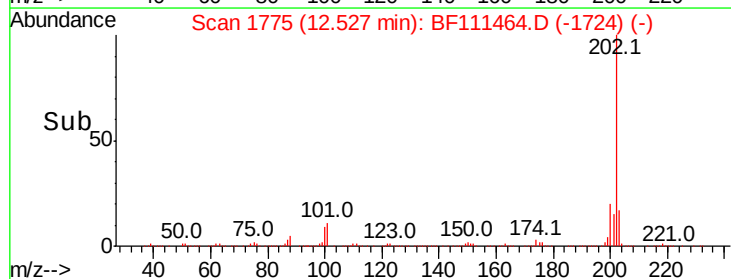
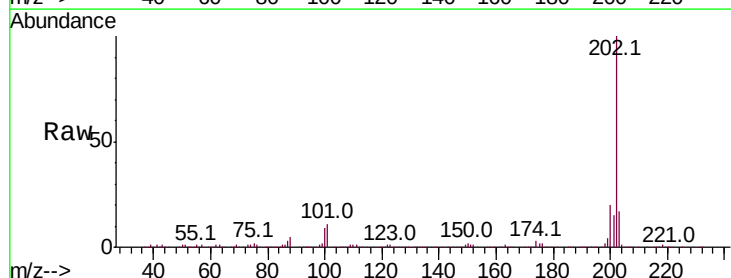
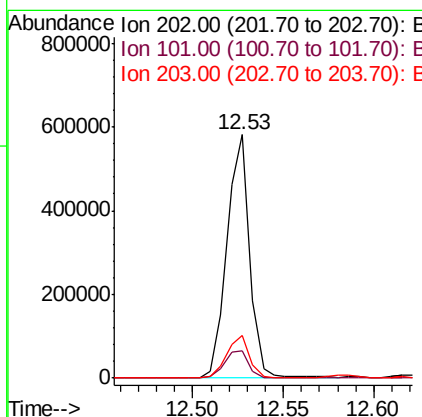
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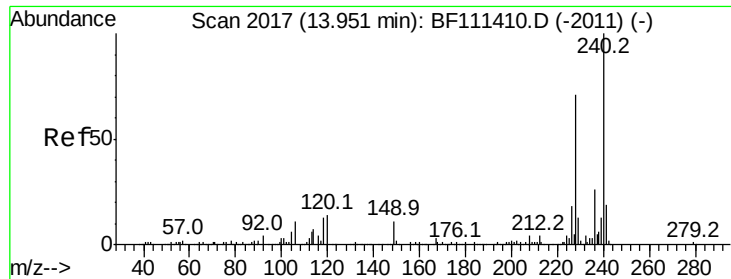
Sohil
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#75
 Fluoranthene
 Concen: 22.303 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF111464.D
 Acq: 15 Dec 2018 13:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.8
203	17.3	0.0	38.6





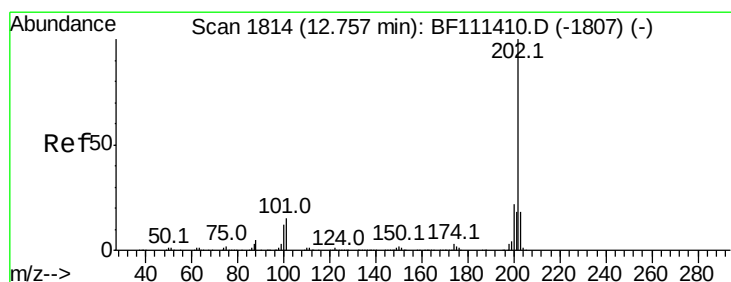
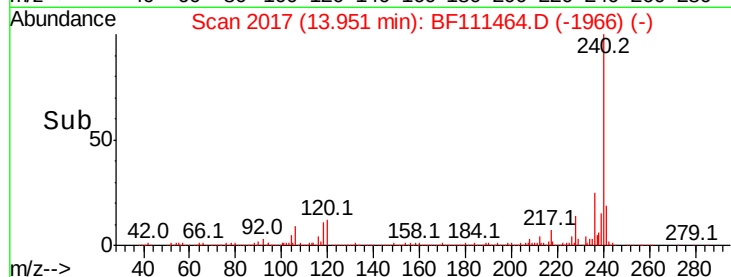
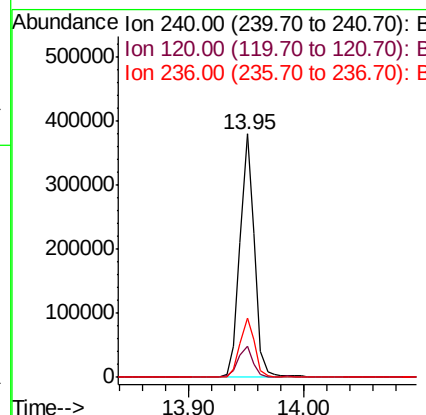
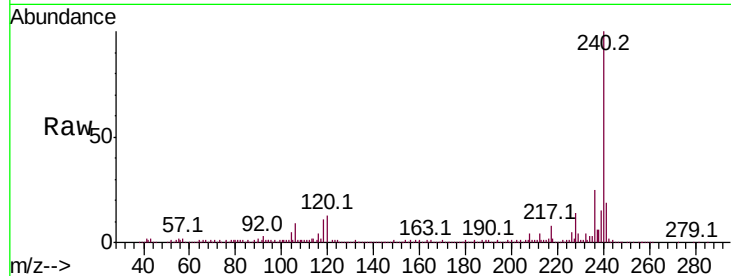
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	12.2	18.2
236	24.6	20.2	30.2

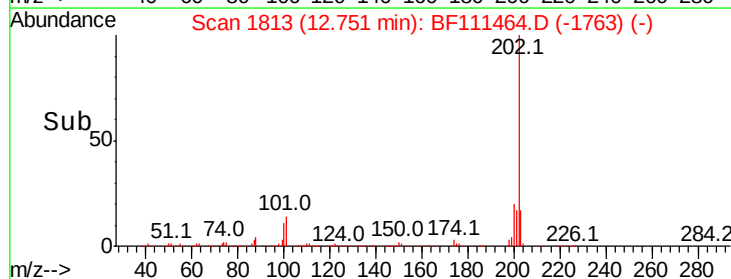
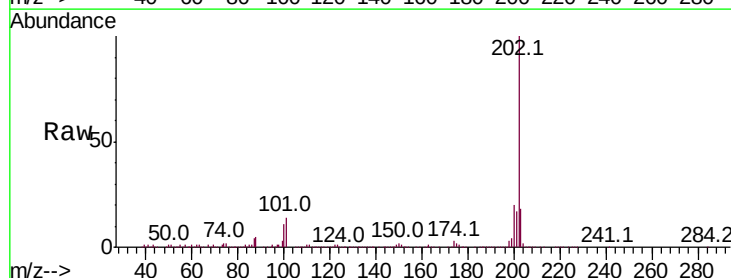
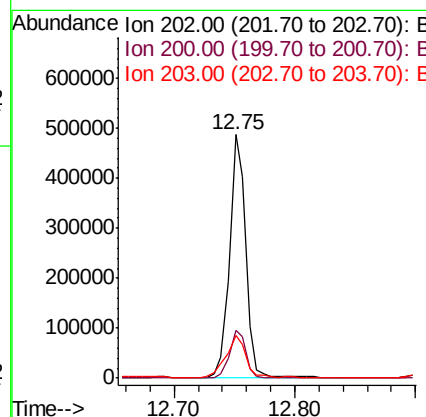
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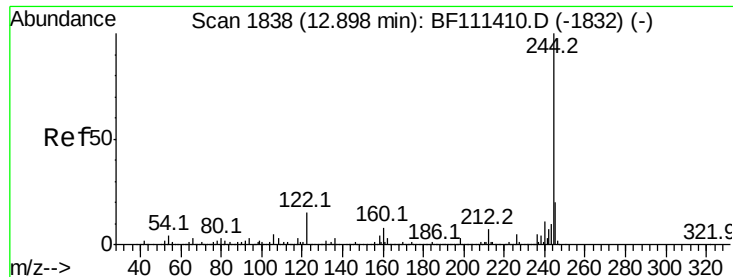
Sohil
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#78
Pyrene
Concen: 19.315 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	19.0	28.4
203	17.6	15.2	22.8





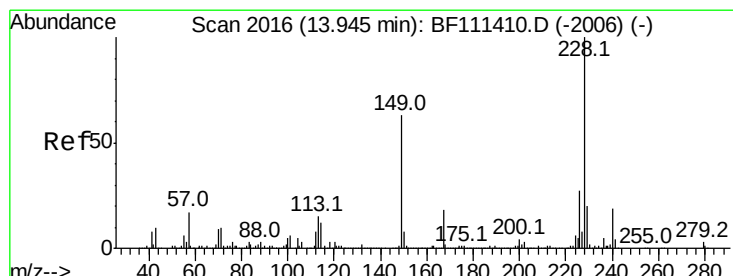
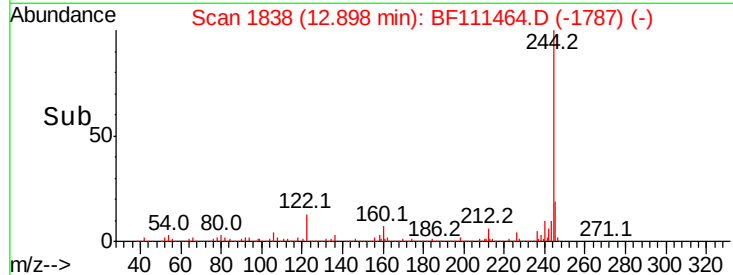
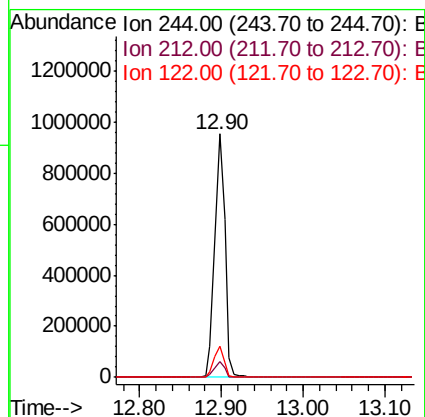
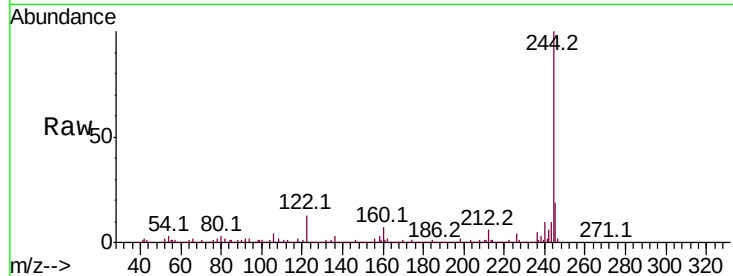
#79
 Terphenyl-d14
 Concen: 59.538 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF111464.D
 Acq: 15 Dec 2018 13:13

Instrument :
 BNA_F
 ClientSampled :
 TP-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	12.8	13.1	19.7

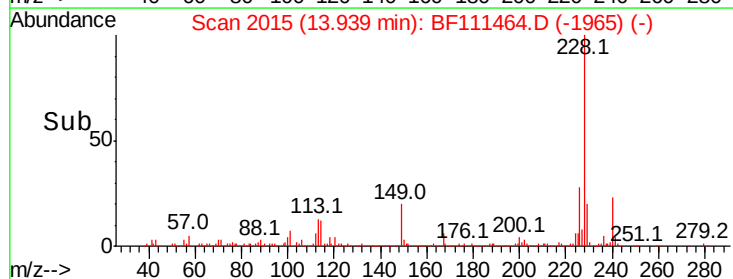
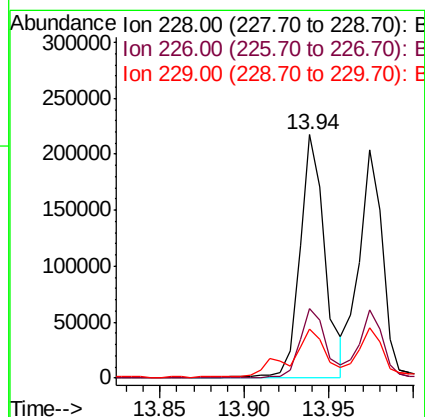
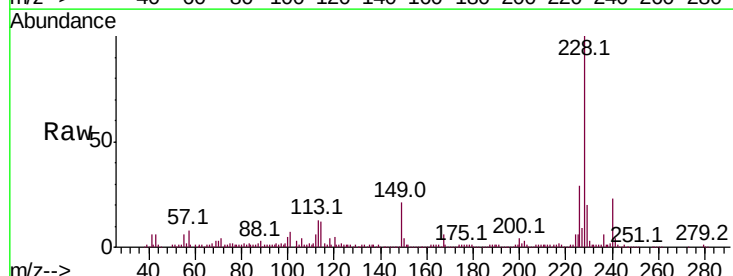
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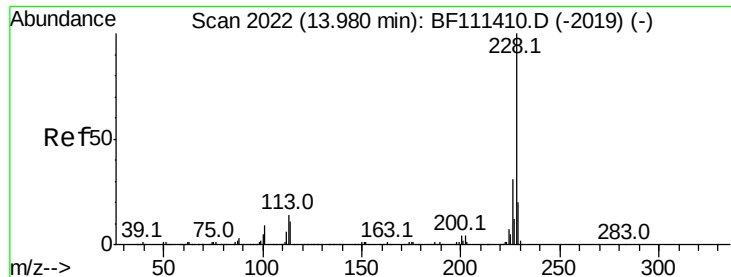
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#81
 Benzo(a)anthracene
 Concen: 12.400 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111464.D
 Acq: 15 Dec 2018 13:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	20.2	16.3	24.5





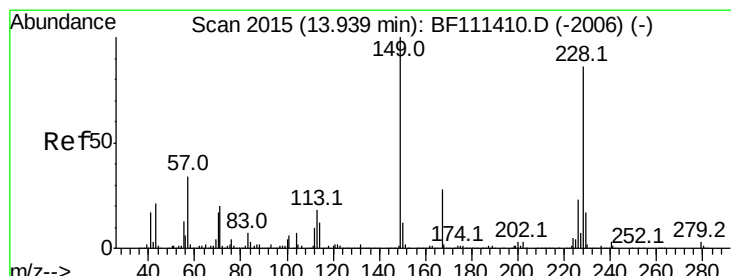
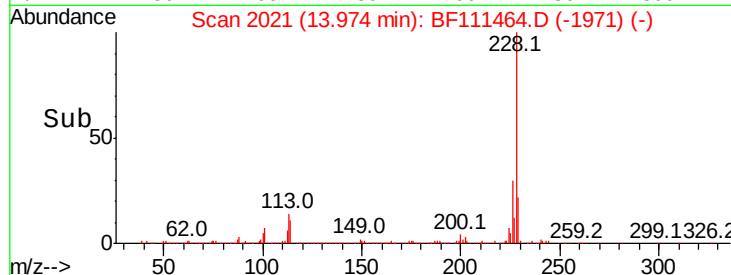
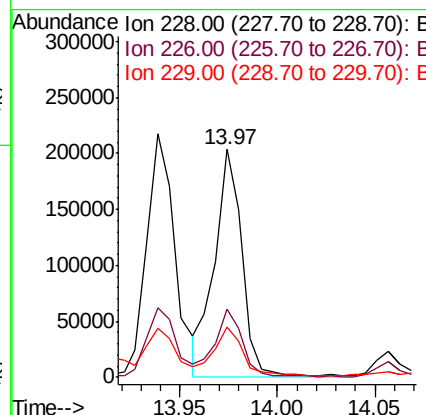
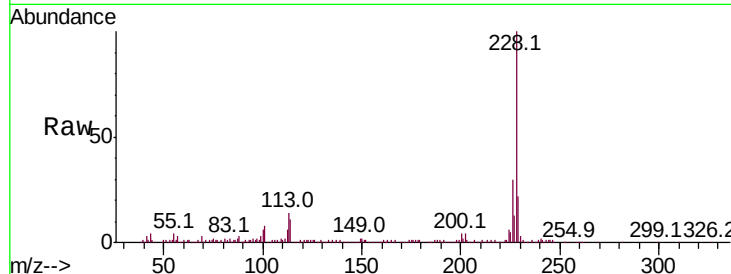
#83
Chrysene
Concen: 10.513 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.3	37.9
229	22.3	17.2	25.8

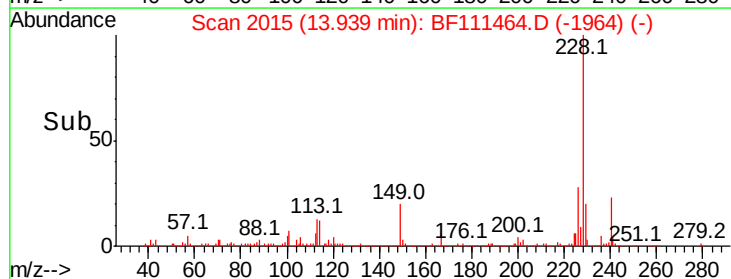
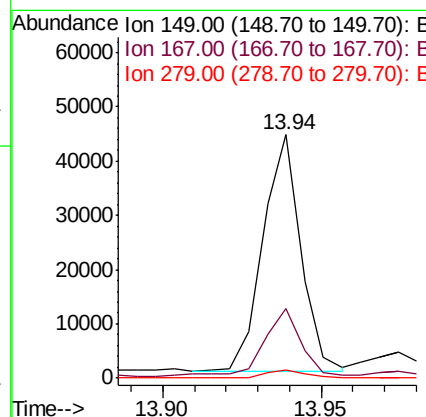
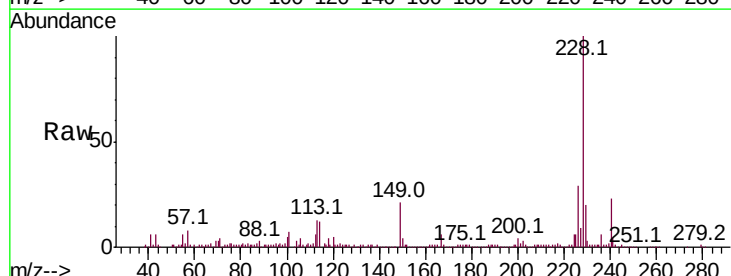
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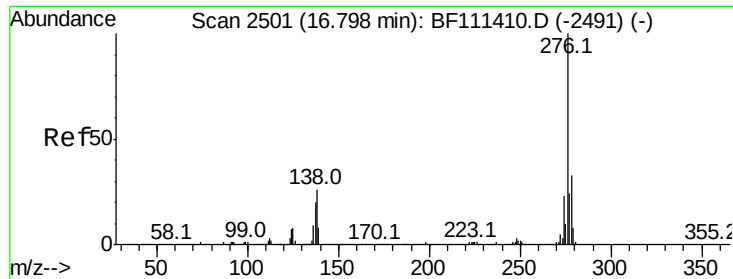
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.477 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.5	33.7
279	3.5	2.6	4.0





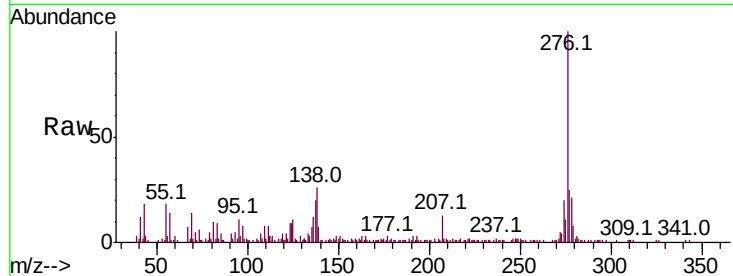
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.325 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	27.8	41.6#
277	24.3	20.1	30.1

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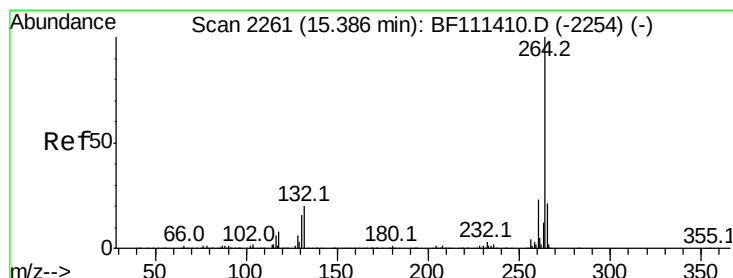
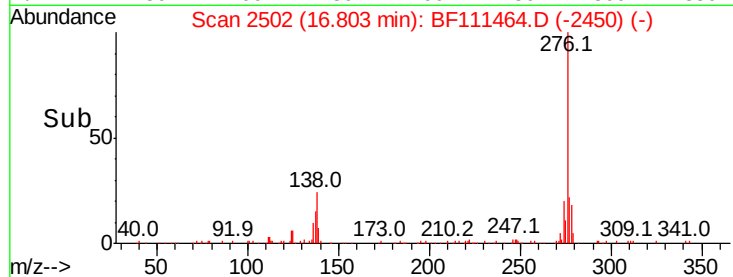
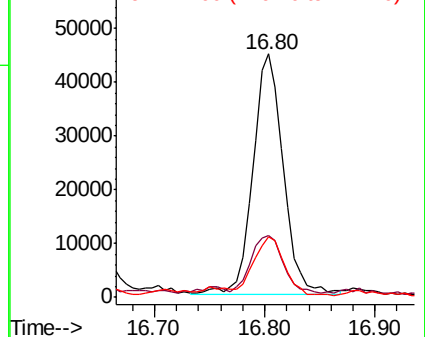


Abundance

Ion 276.00 (275.70 to 276.70): E

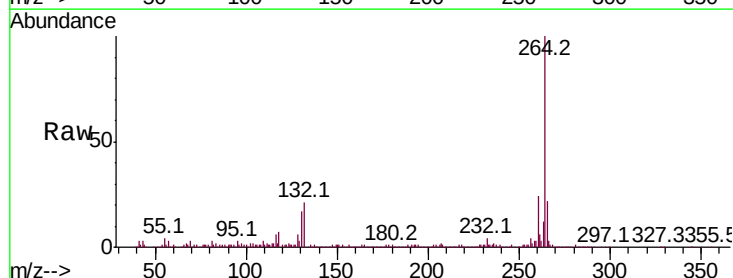
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	21.9	17.7	26.5

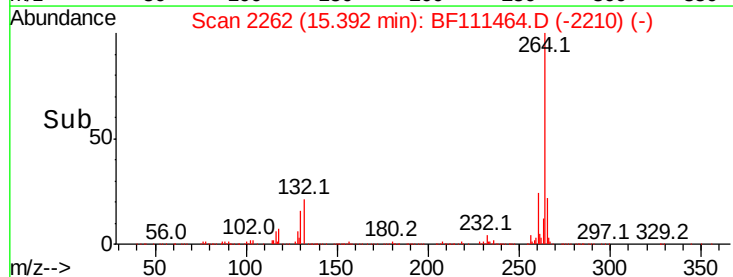
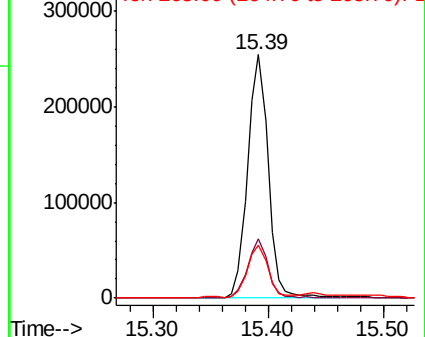


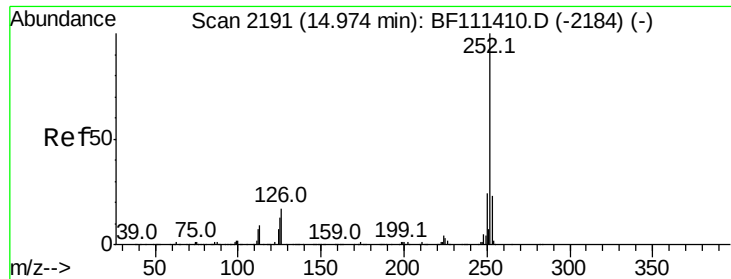
Abundance

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





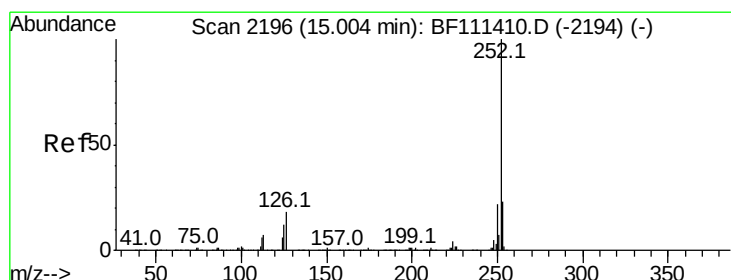
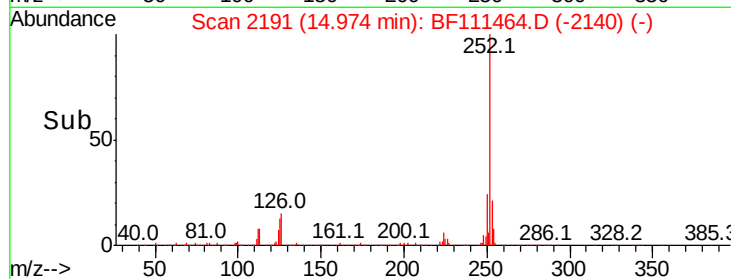
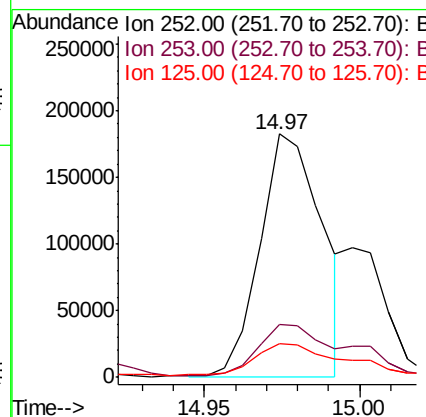
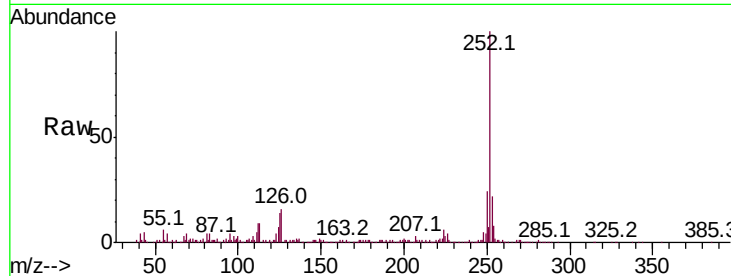
#88
Benzo(b)fluoranthene
Concen: 13.789 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	13.6	10.4	15.6

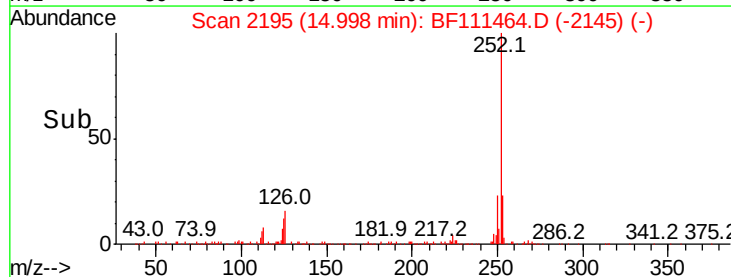
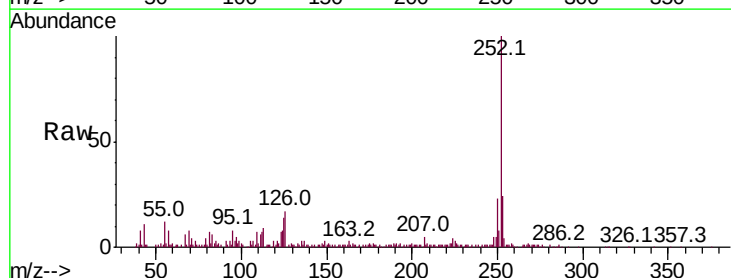
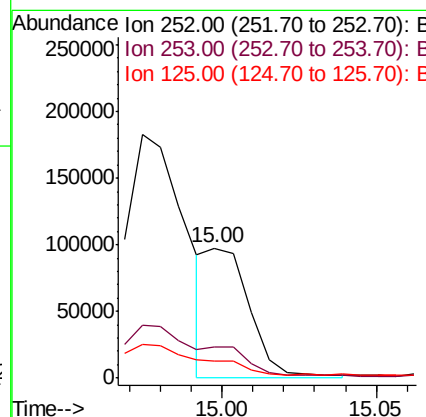
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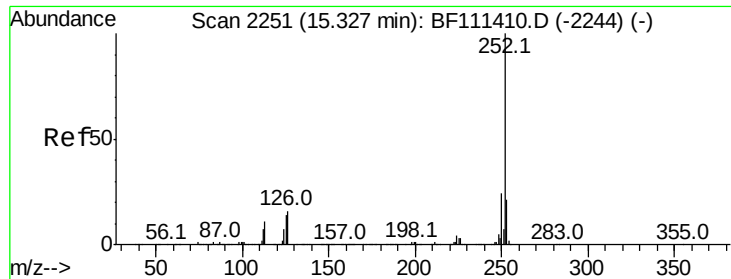
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#89
Benzo(k)fluoranthene
Concen: 5.279 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	13.5	9.8	14.8





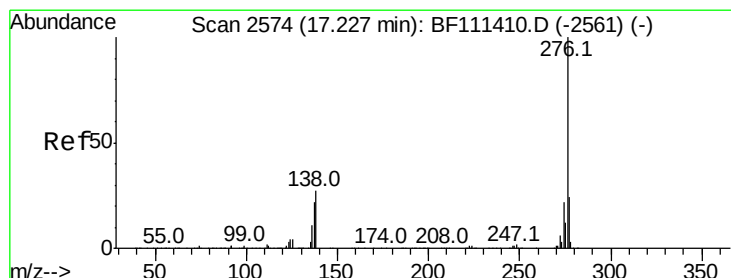
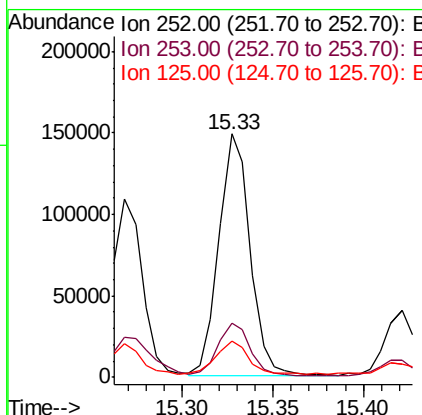
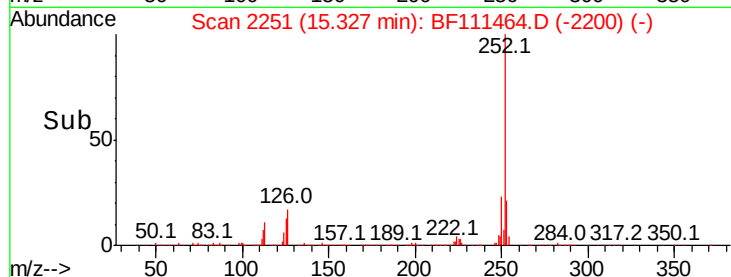
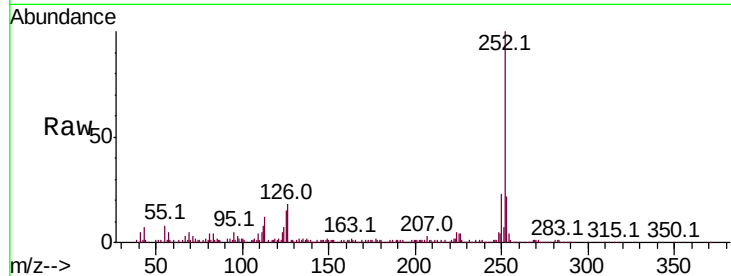
#90
Benzo(a)pyrene
Concen: 10.673 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	15.0	12.3	18.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.711 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BF111464.D
Acq: 15 Dec 2018 13:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	25.2	24.9	37.3

