

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111461.D
 Acq On : 15 Dec 2018 11:50
 Operator : JU/SJ
 Sample : J6208-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
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Quant Time: Dec 16 01:00:27 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	175394	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	714612	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	324915	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	508793	20.00	ng	0.00
76) Chrysene-d12	13.95	240	358695	20.00	ng	0.00
87) Perylene-d12	15.39	264	375169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	921250	87.40	ng	0.00
7) Phenol-d6	6.44	99	1168316	83.33	ng	0.00
23) Nitrobenzene-d5	7.35	82	726541	60.54	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	191405	65.76	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1129245	53.68	ng	0.00
79) Terphenyl-d14	12.90	244	780919	51.12	ng	0.00
Target Compounds						
10) Phenol	6.45	94	70439	4.510	ng	90
50) Dimethylphthalate	9.55	163	91147	3.895	ng	97
71) Phenanthrene	11.33	178	155012	5.913	ng	93
75) Fluoranthene	12.52	202	234556	9.145	ng	96
78) Pyrene	12.75	202	219373	8.675	ng	94
81) Benzo(a)anthracene	13.94	228	115198	5.906	ng	99
83) Chrysene	13.97	228	101224	4.927	ng	96
86) Indeno(1,2,3-cd)pyrene	16.80	276	46606	3.143	ng	# 90
88) Benzo(b)fluoranthene	14.97	252	128563m	5.878	ng	
90) Benzo(a)pyrene	15.33	252	94907	4.812	ng	97
92) Benzo(g,h,i)perylene	17.23	276	44188	2.893	ng	97

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

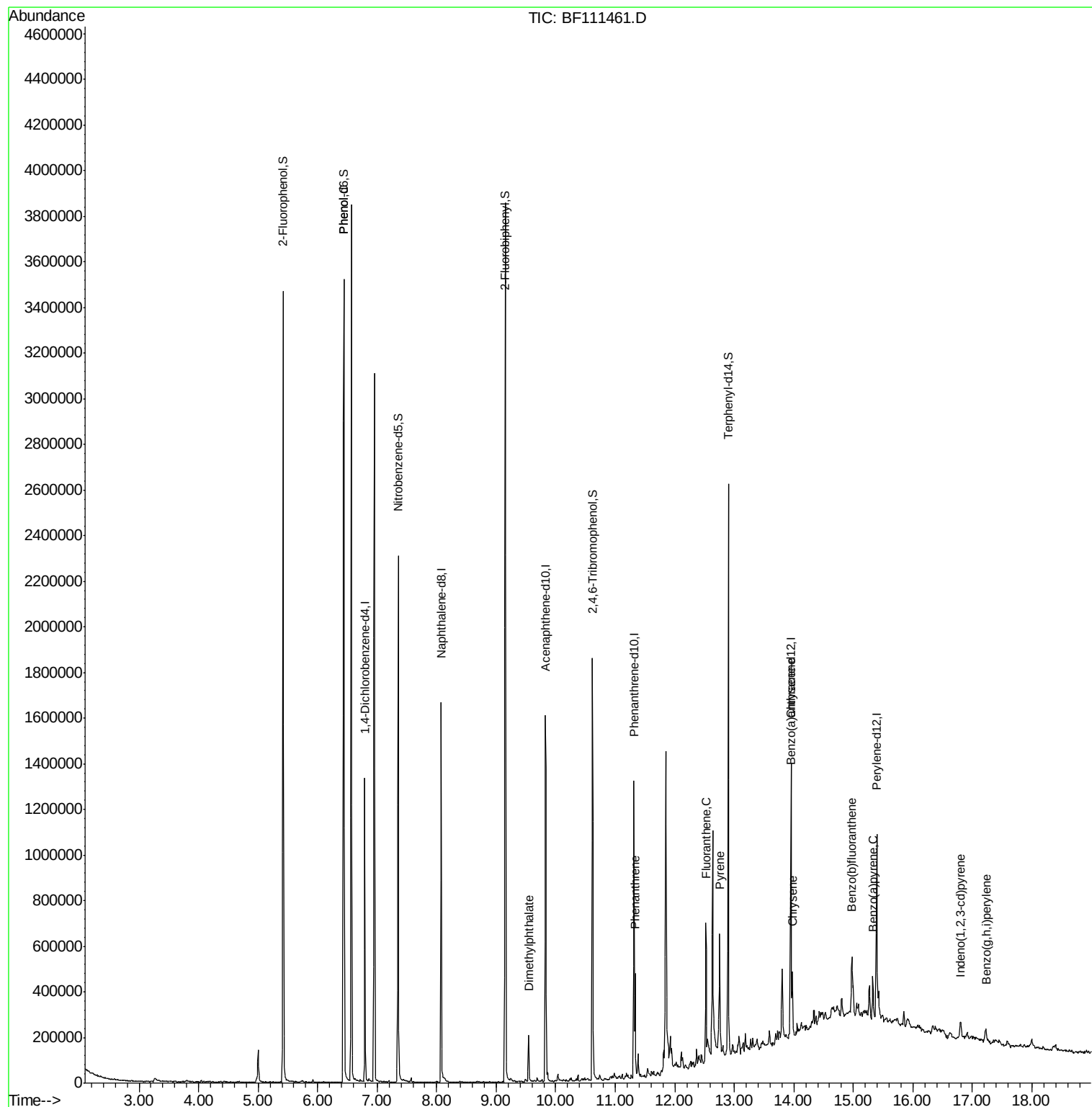
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111461.D
Acq On : 15 Dec 2018 11:50
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Sample : J6208-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

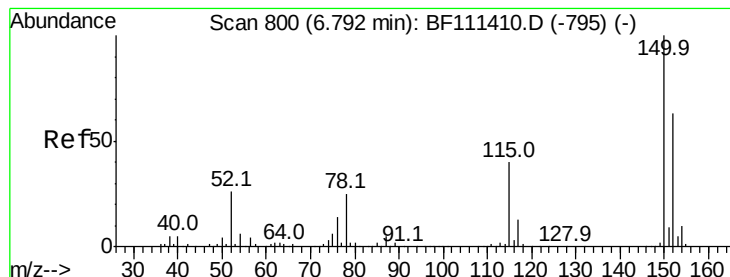
Instrument :
BNA_F
ClientSampled :
TP-3

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

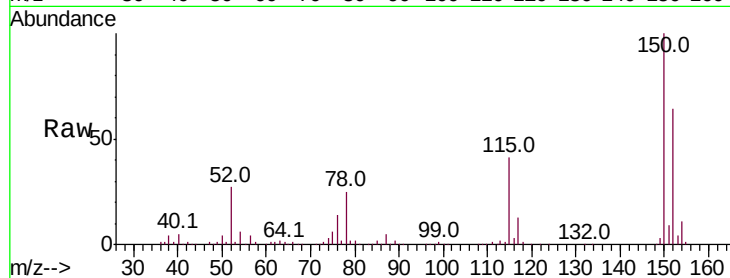
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.6	189.8
115	63.0	50.7	76.1

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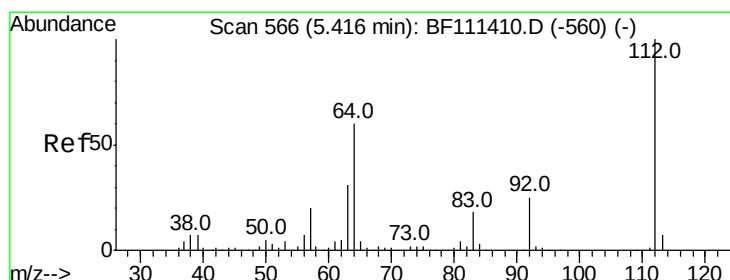
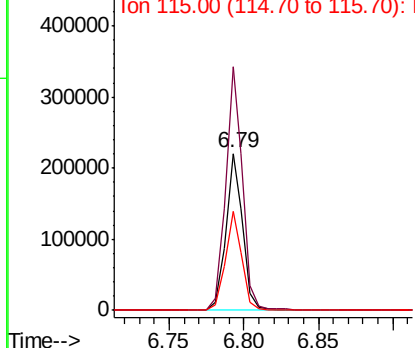
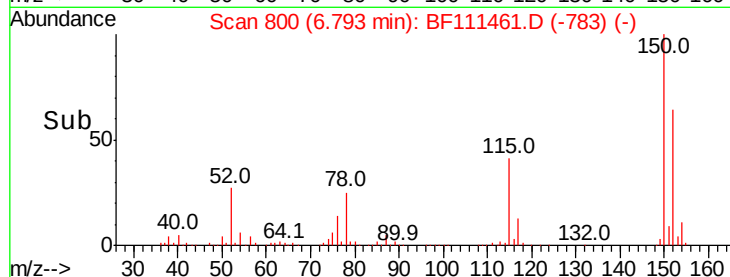


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

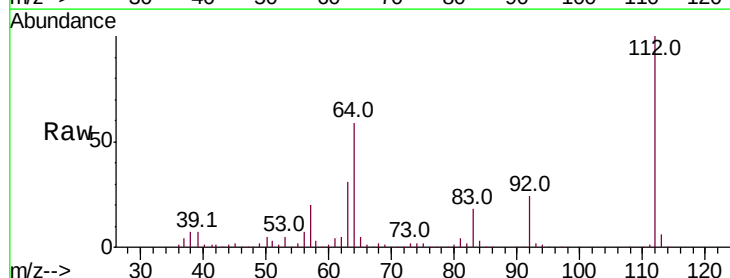
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.404 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	51.8	77.6
63	31.4	26.8	40.2

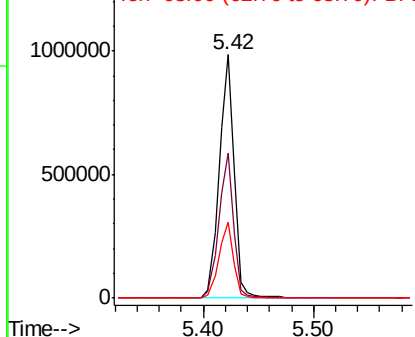
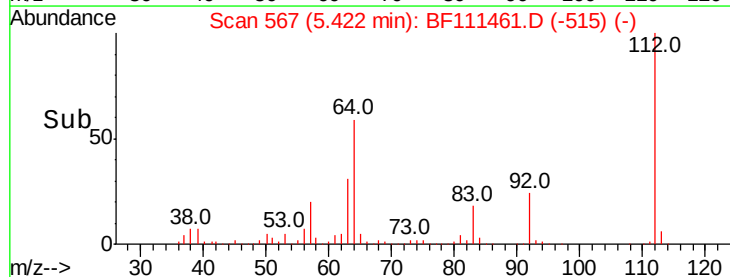


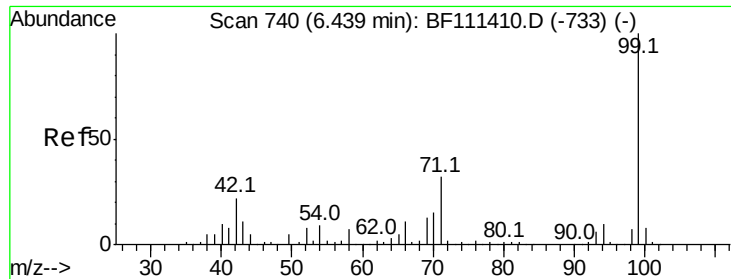
Abundance

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: 83.331 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111461.D

Acq: 15 Dec 2018 11:50

Instrument :

BNA_F

ClientSampled :

TP-3

Tot Ion: 99 Resp: 1168316

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.0

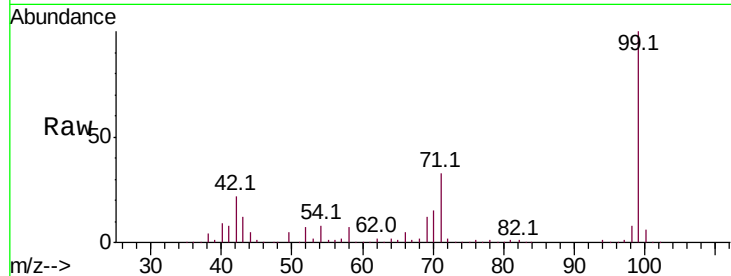
71 32.5 26.1 39.1

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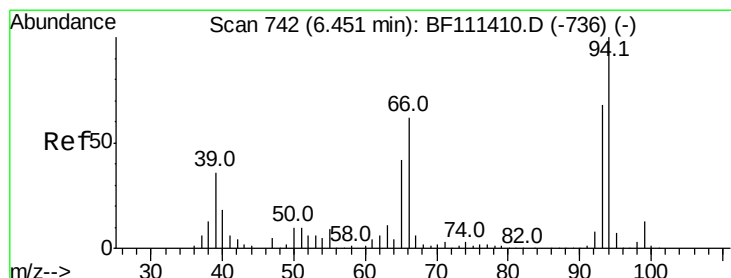
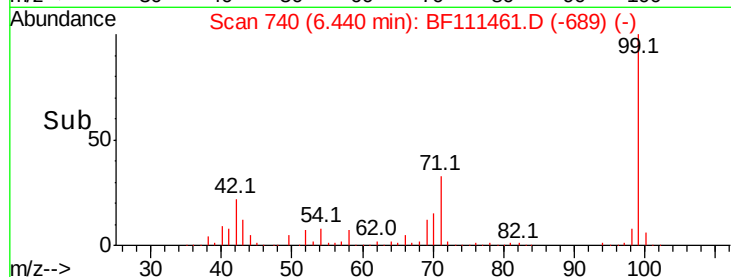
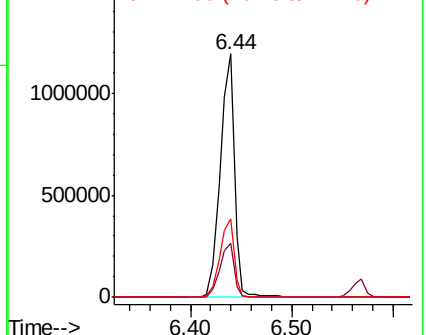
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.510 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111461.D

Acq: 15 Dec 2018 11:50

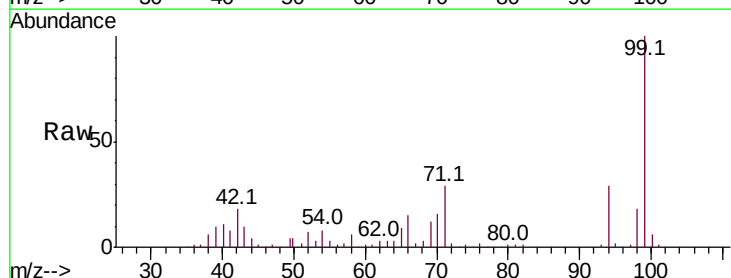
Tgt Ion: 94 Resp: 70439

Ion Ratio Lower Upper

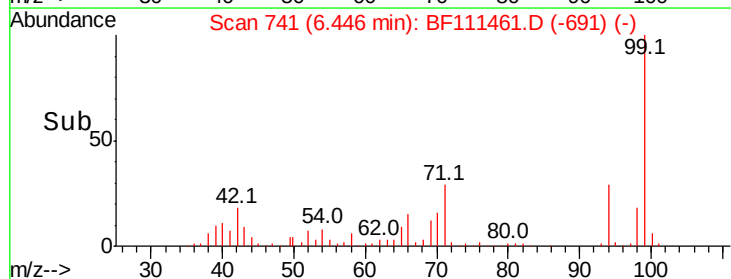
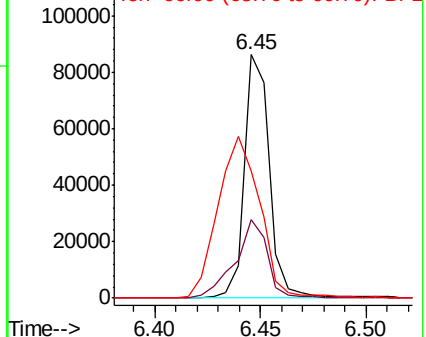
94 100

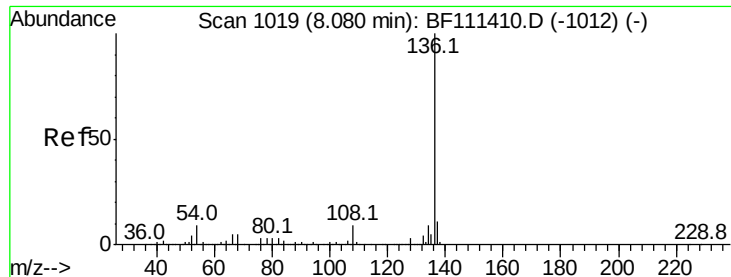
65 32.1 11.7 51.7

66 52.0 21.0 61.0



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





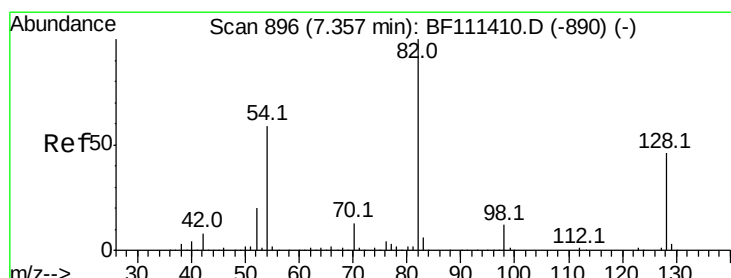
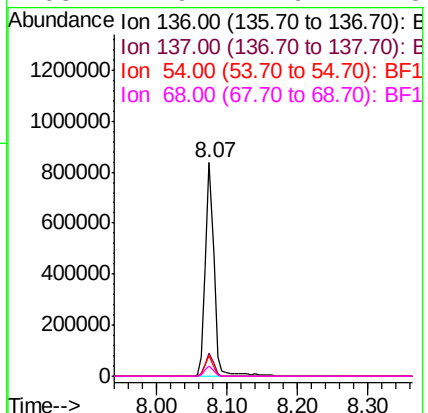
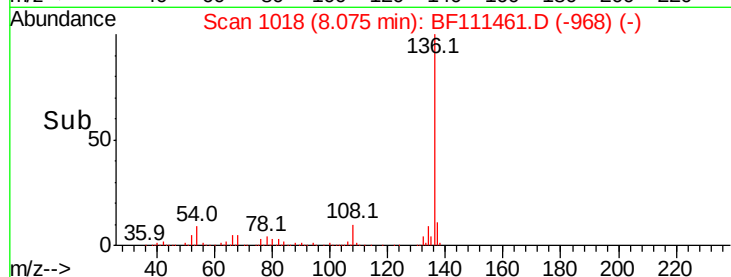
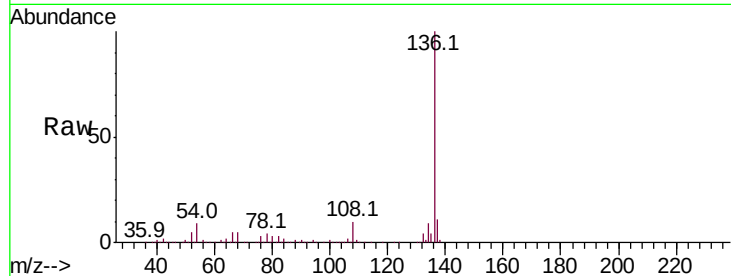
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	9.5	7.7	11.5	
68	4.9	4.9	7.3	

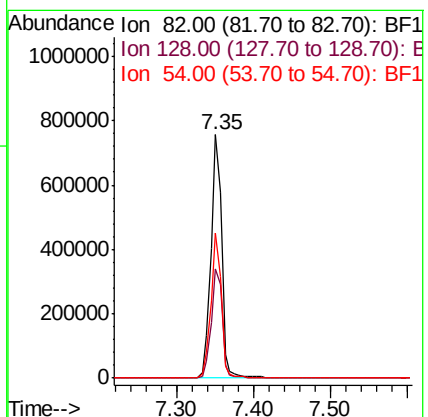
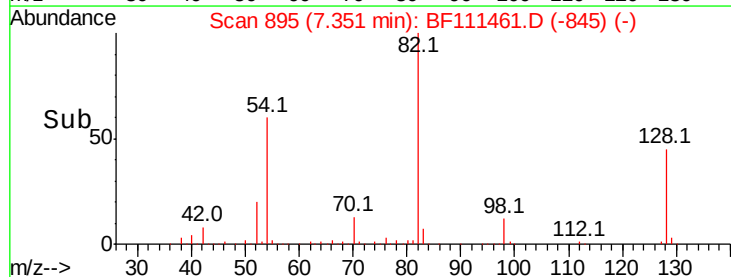
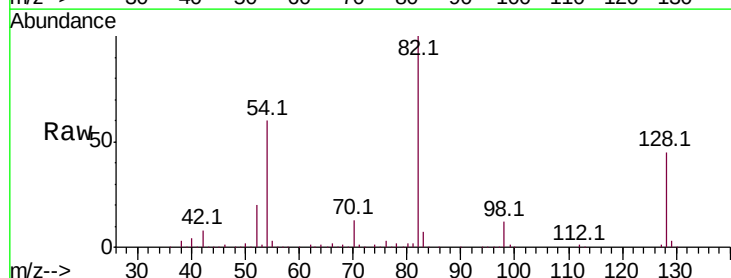
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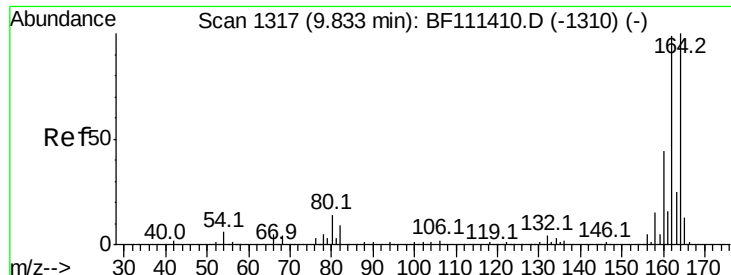
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#23
Nitrobenzene-d5
Concen: 60.543 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.8	37.4	56.2	
54	59.8	47.6	71.4	





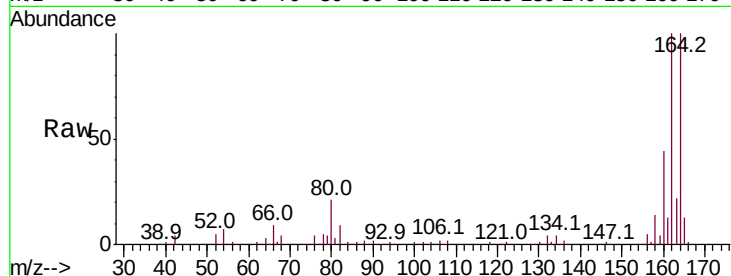
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampled :
TP-3

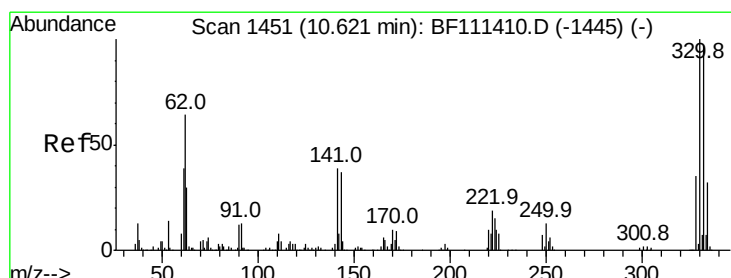
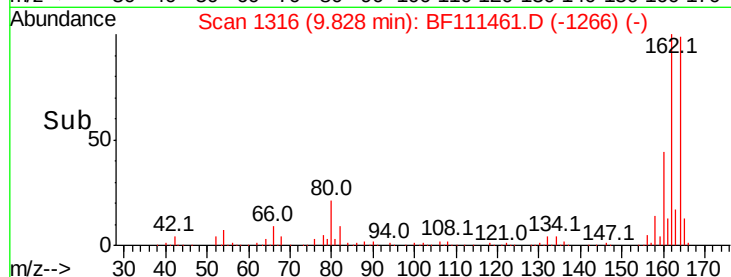
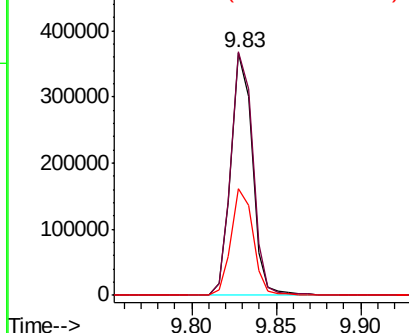
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.3	81.4	122.0	
160	44.2	35.7	53.5	

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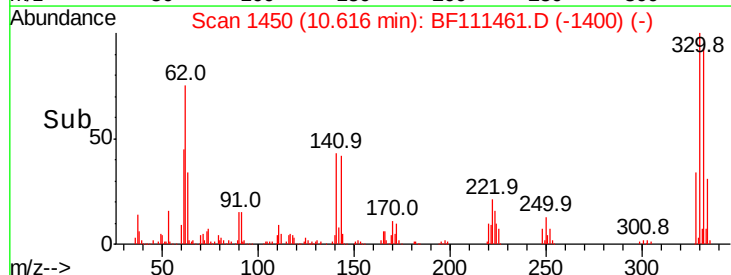
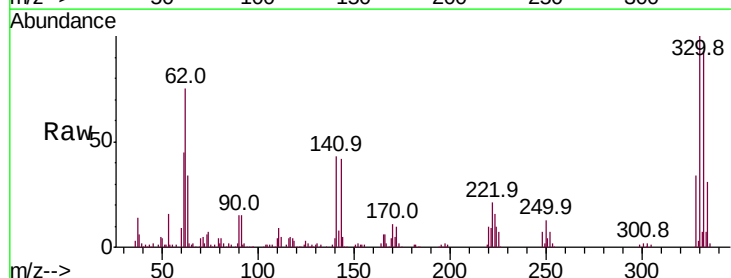
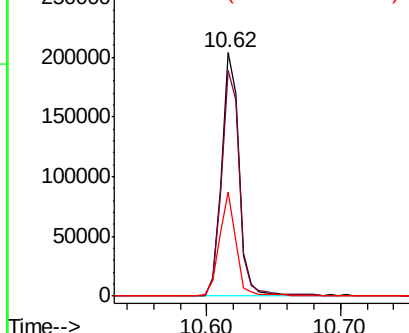
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

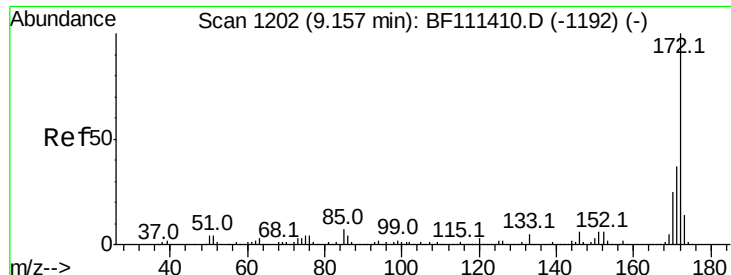


#42
2,4,6-Tribromophenol
Concen: 65.763 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.0	114.0	
141	40.4	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





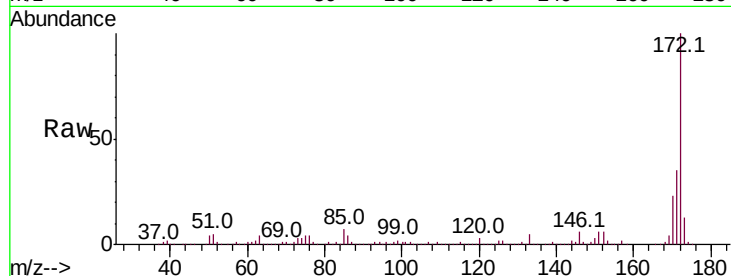
#45
2-Fluorobiphenyl
Concen: 53.684 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	33.0	49.4
170	23.5	22.3	33.5

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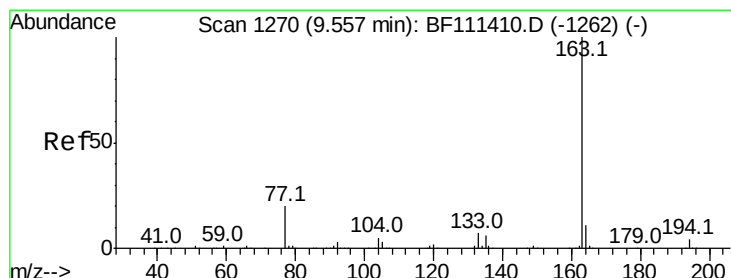
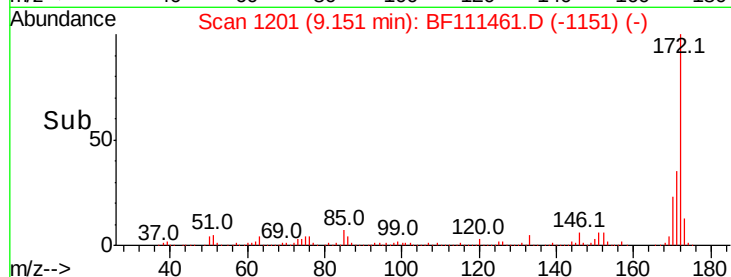
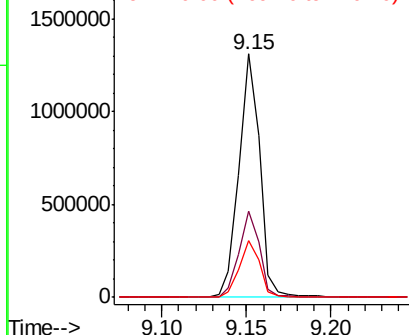


Abundance

Ion 172.00 (171.70 to 172.70): E

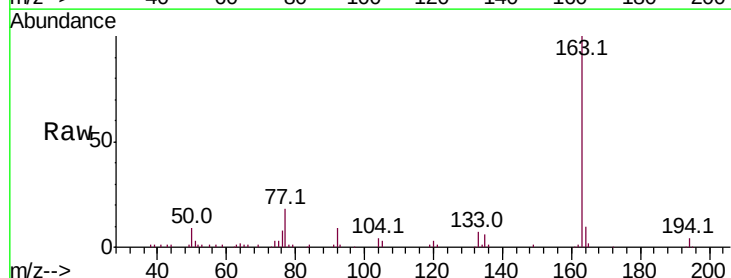
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 3.895 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.8	8.9	13.3

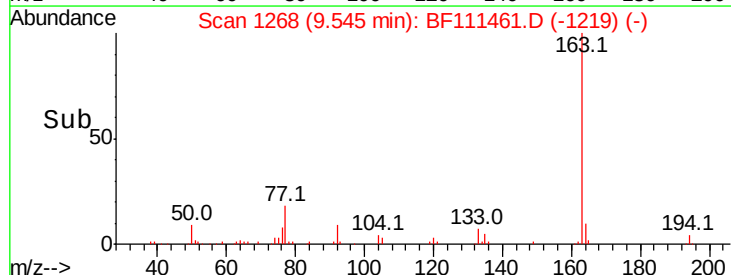
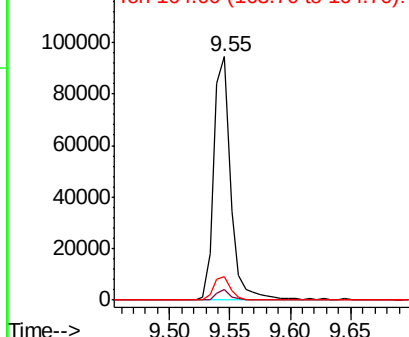


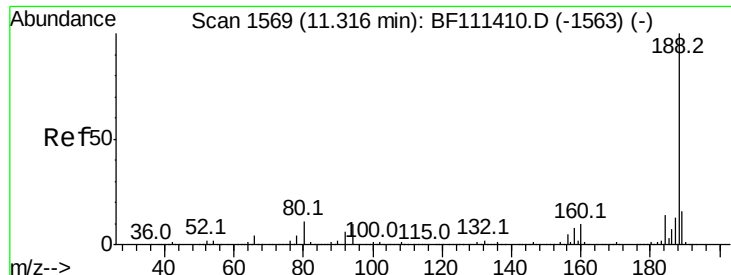
Abundance

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





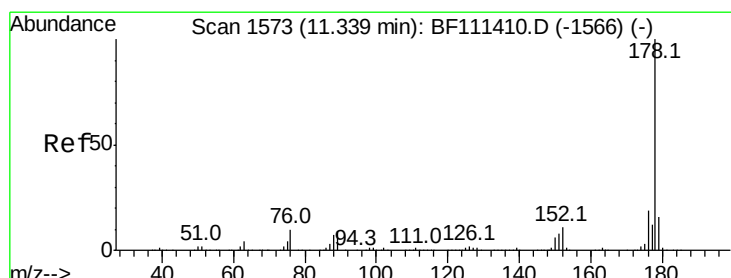
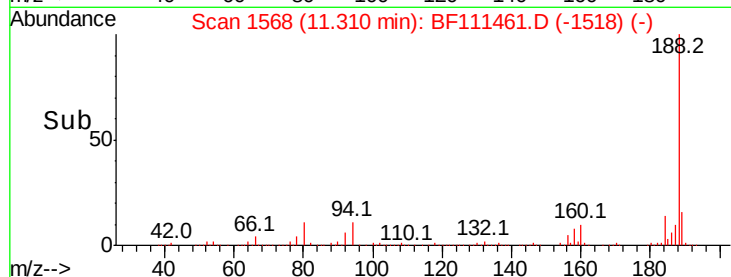
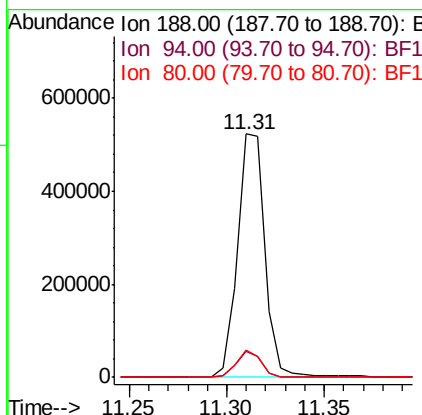
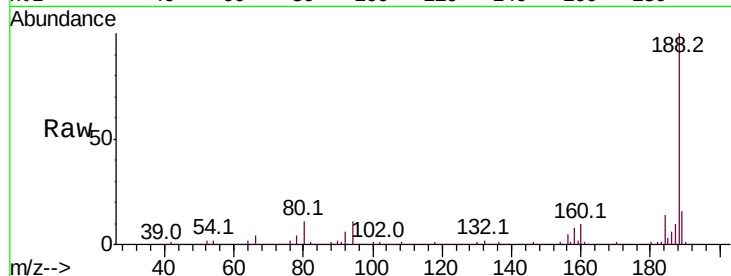
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.7	9.6	14.4	
80	11.3	9.8	14.6	

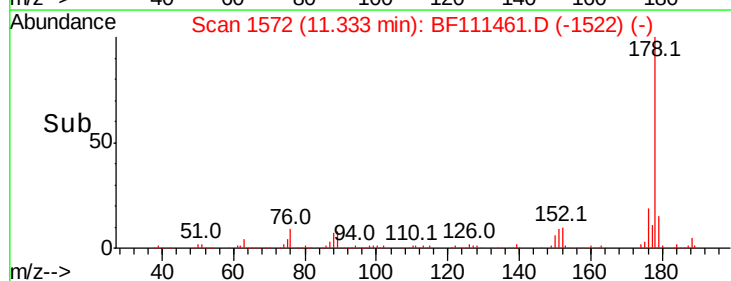
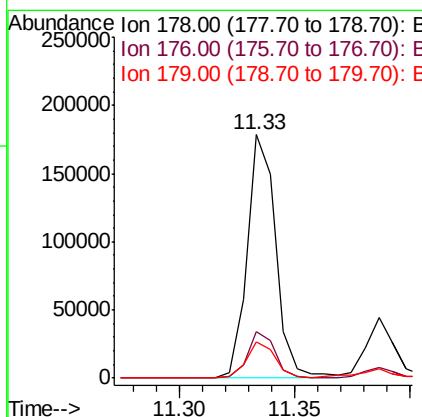
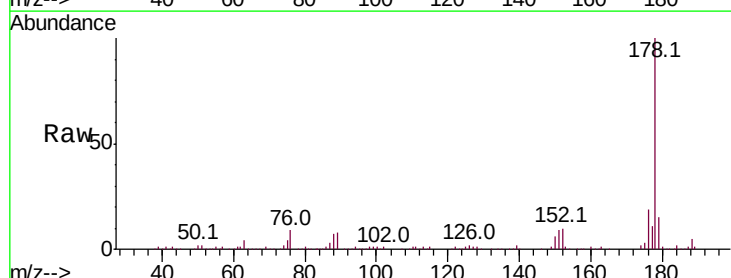
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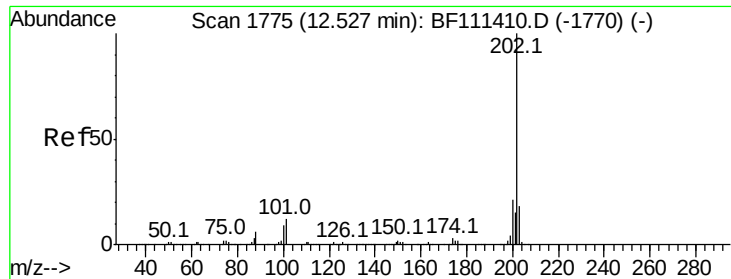
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#71
Phenanthrene
Concen: 5.913 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.1	18.1	27.1	
179	14.7	14.0	21.0	





#75

Fluoranthene

Concen: 9.145 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111461.D

Acq: 15 Dec 2018 11:50

Instrument :

BNA_F

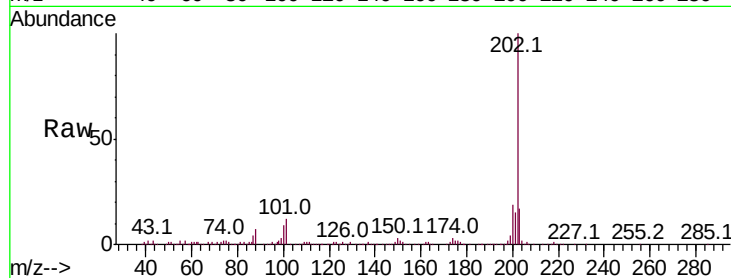
ClientSampled :

TP-3

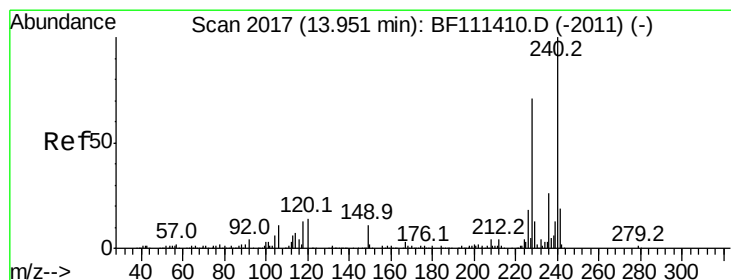
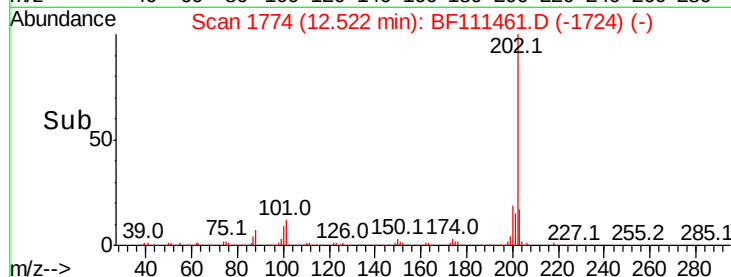
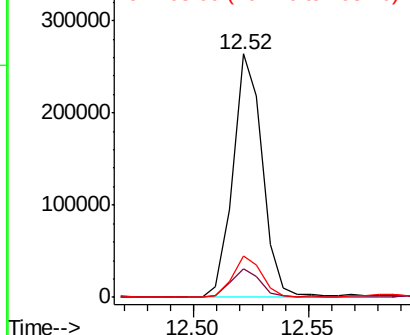
Tot Ion:	202	Resp:	234556
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	33.8
203	17.1	0.0	38.6

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: 13.95 min Scan# 2017

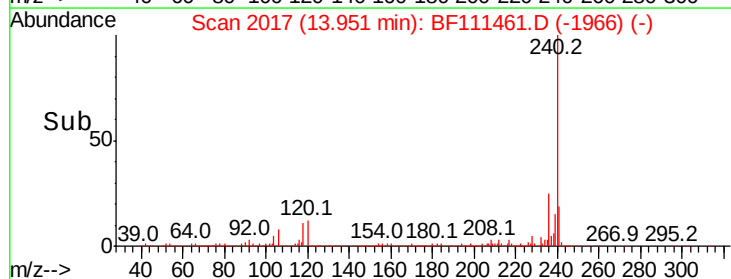
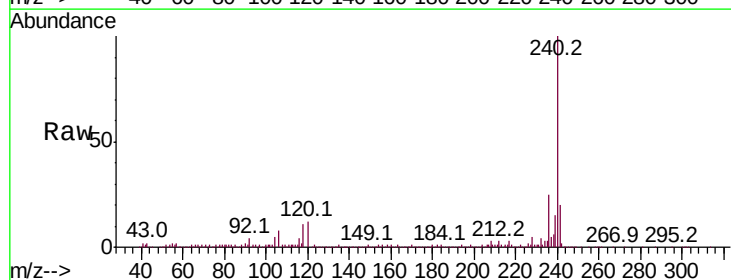
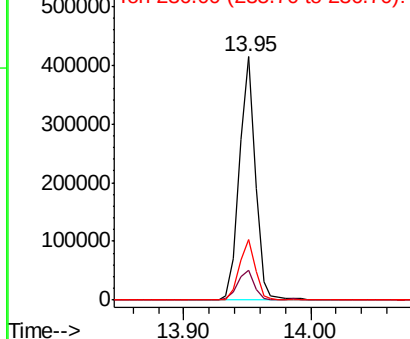
Delta R.T. 0.00 min

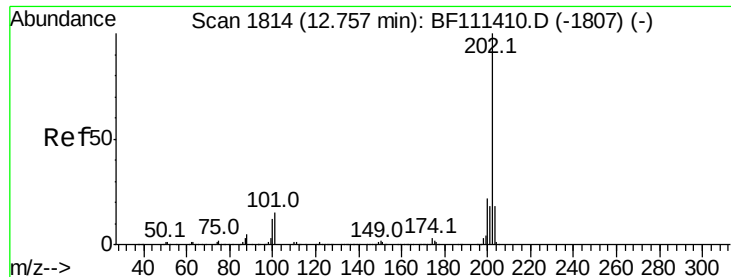
Lab File: BF111461.D

Acq: 15 Dec 2018 11:50

Tgt Ion:	240	Resp:	358695
Ion Ratio	Lower	Upper	
240	100		
120	12.1	12.2	18.2#
236	24.7	20.2	30.2

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





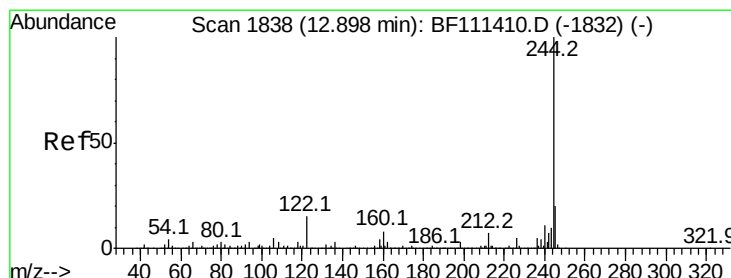
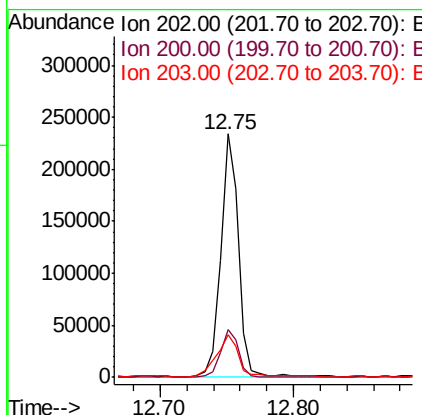
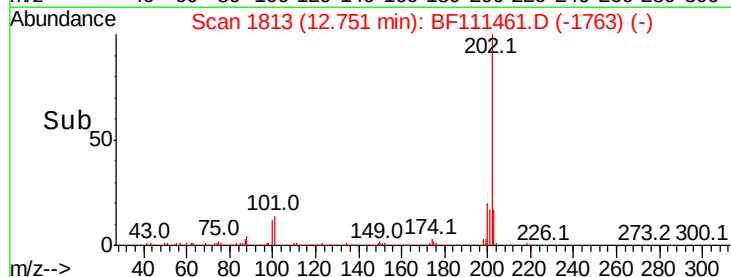
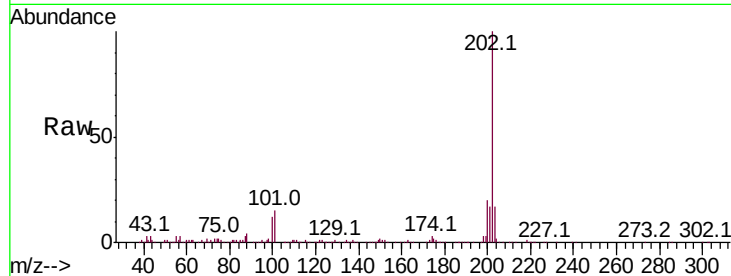
#78
Pvrene
Concen: 8.675 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	19.0	28.4
203	17.4	15.2	22.8

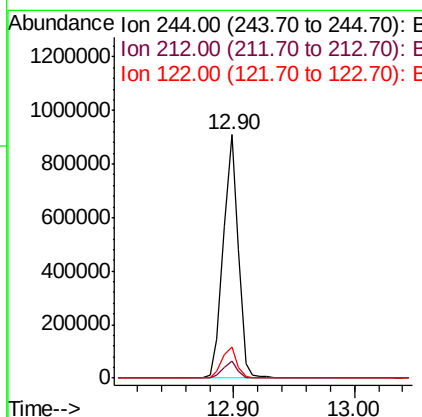
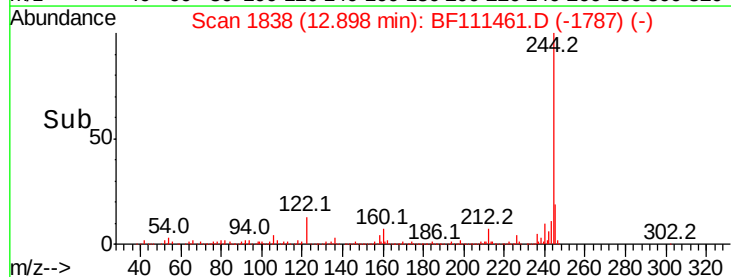
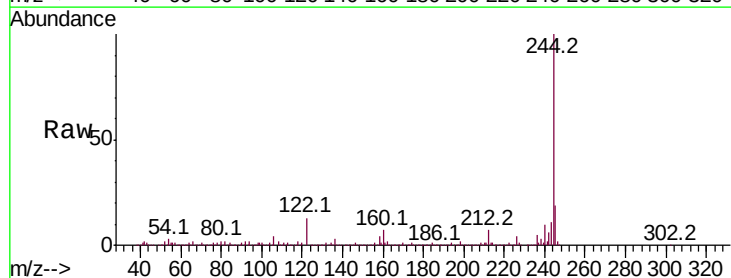
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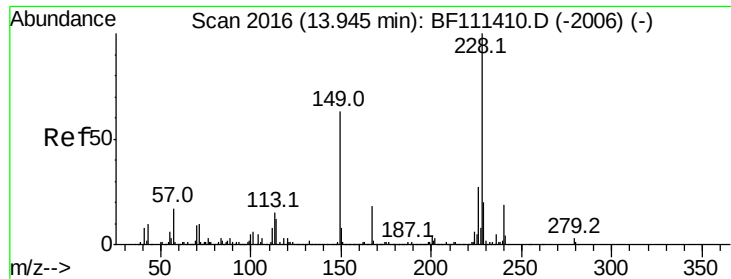
Sohil
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#79
Terphenyl-d14
Concen: 51.124 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	12.6	13.1	19.7#





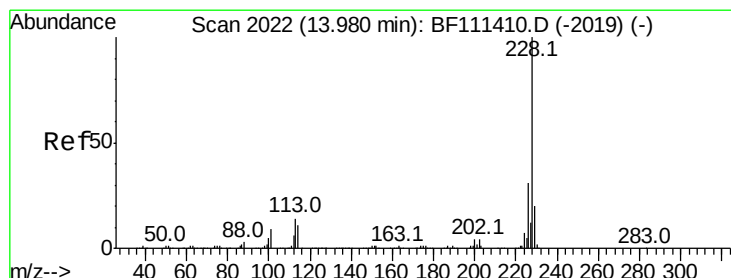
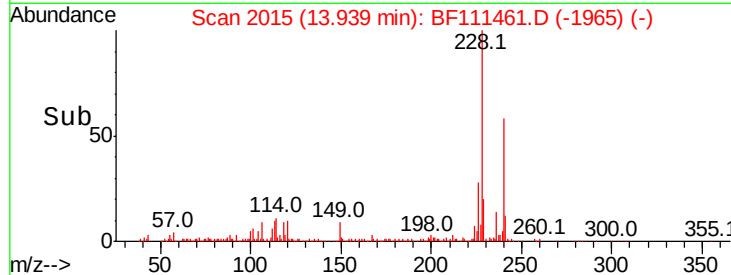
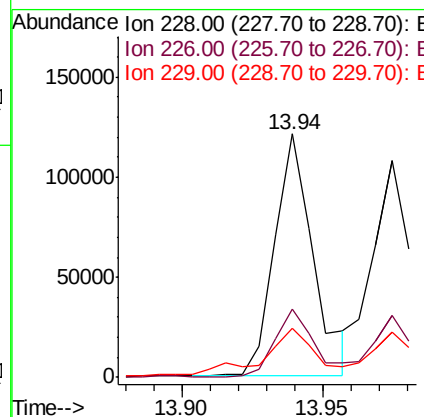
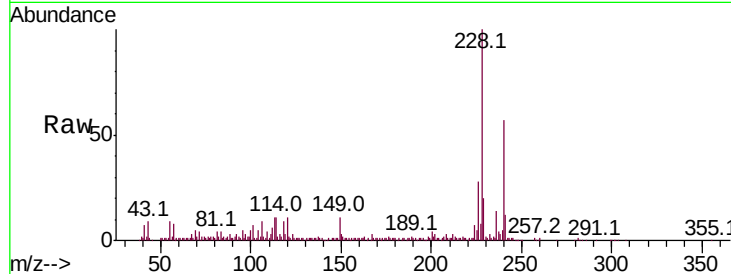
#81
Benzo(a)anthracene
Concen: 5.906 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	20.4	16.3	24.5

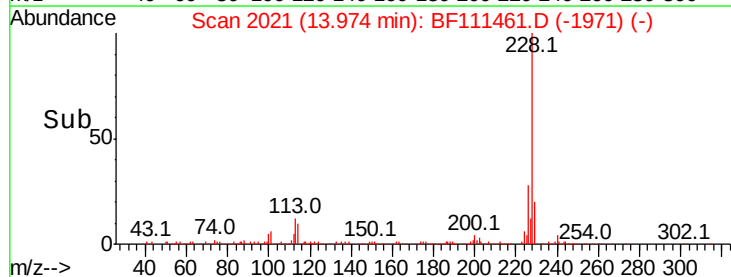
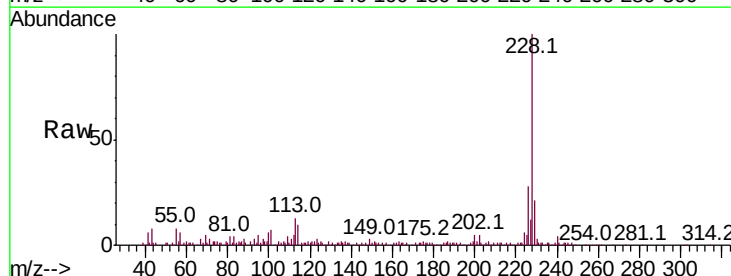
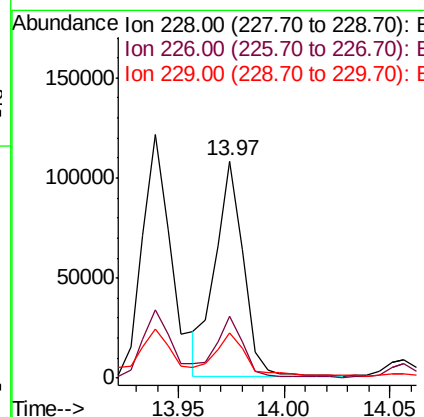
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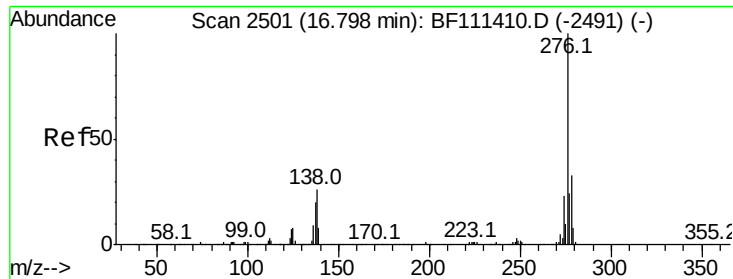
Sohil
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#83
Chrysene
Concen: 4.927 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.3	37.9
229	20.6	17.2	25.8





#86

Indeno(1,2,3-cd)pyrene

Concen: 3.143 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BF111461.D

Acq: 15 Dec 2018 11:50

Instrument :

BNA_F

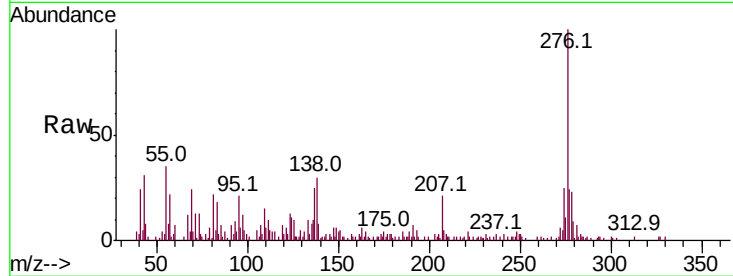
ClientSampled :

TP-3

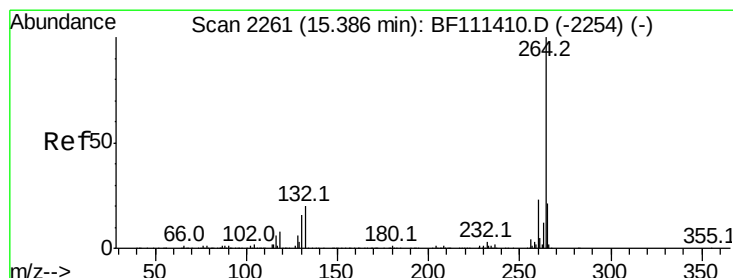
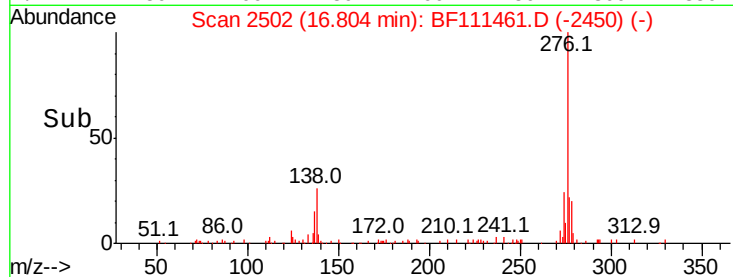
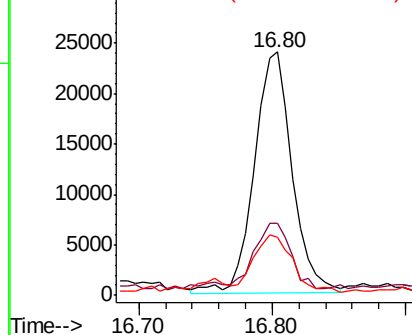
Tot Ion:	276	Resp:	46606
Ion Ratio	Lower	Upper	
276	100		
138	26.0	27.8	41.6#
277	23.5	20.1	30.1

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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

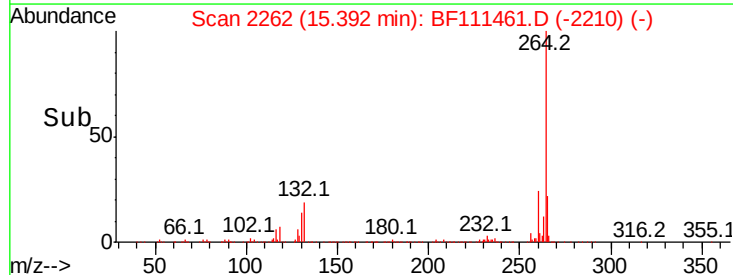
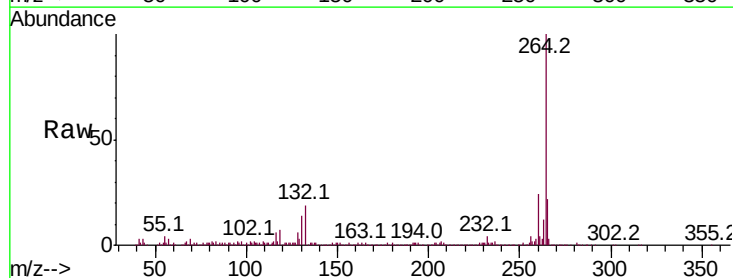
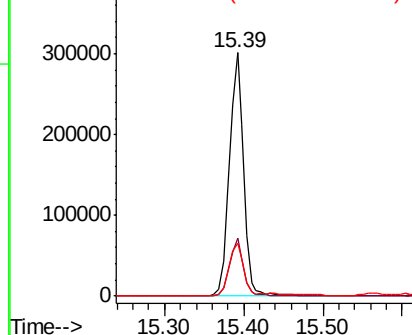
Delta R.T. 0.01 min

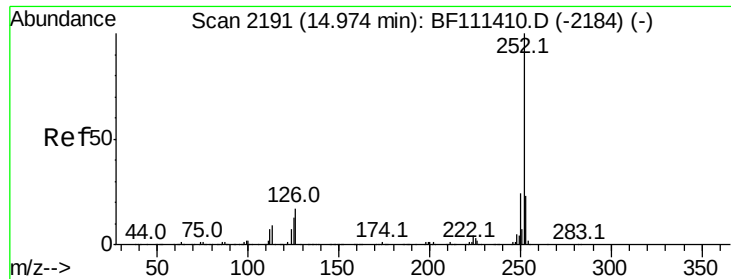
Lab File: BF111461.D

Acq: 15 Dec 2018 11:50

Tgt Ion:	264	Resp:	375169
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.3	27.5
265	21.7	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





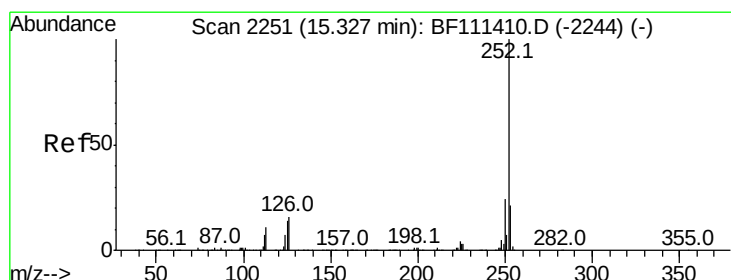
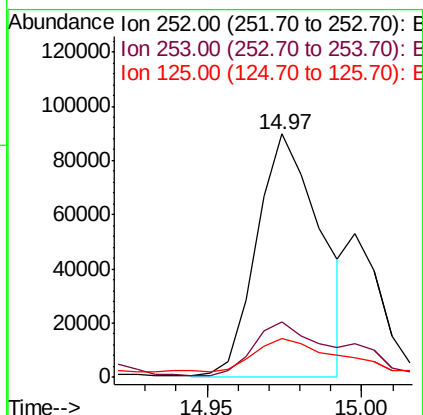
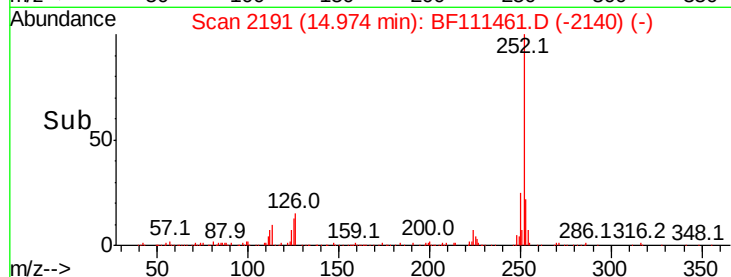
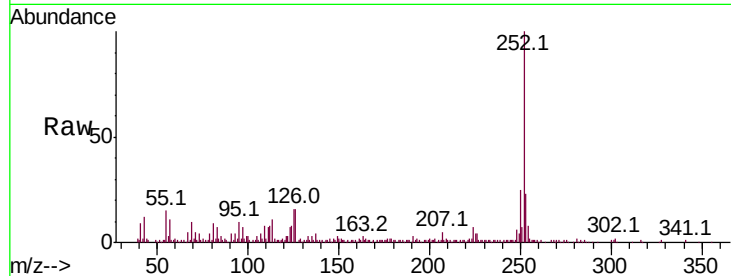
#88
Benzo(b)fluoranthene
Concen: 5.878 ng m
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	18.2	27.2
125	16.1	10.4	15.6

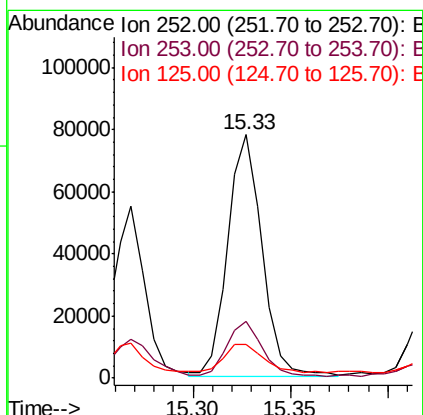
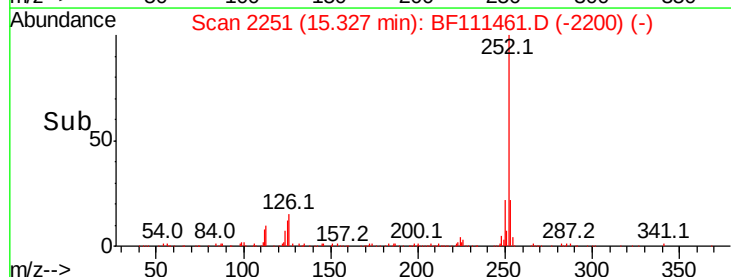
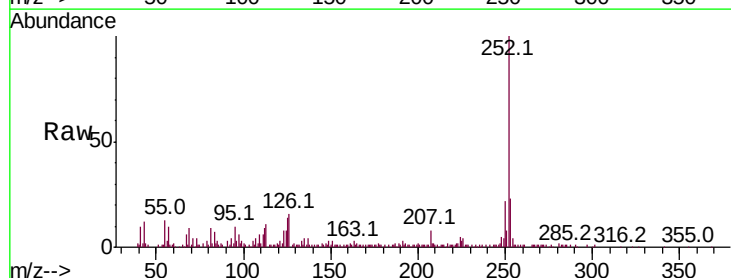
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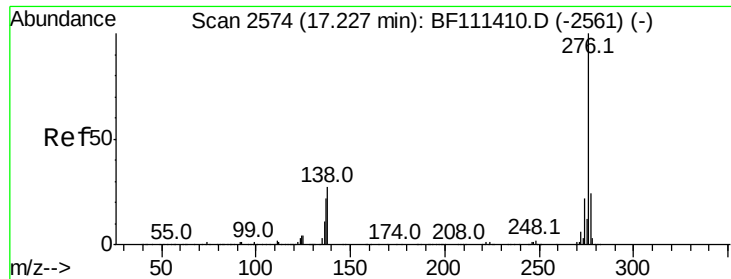
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#90
Benzo(a)pyrene
Concen: 4.812 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.8	26.8
125	13.8	12.3	18.5





#92
 Benzo(a,h,i)perylene
 Concen: 2.893 ng
 RT: 17.23 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BF111461.D
 Acq: 15 Dec 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:	276	Resp:	44188
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.2	28.8
138	27.9	24.9	37.3

Manual Integrations
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