

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113939.D
 Acq On : 23 Apr 2019 23:38
 Operator : JU/SJ
 Sample : K2532-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Manual Integrations
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 4/25/2019 6:02:28 PM

Quant Time: Apr 25 08:15:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	131846	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	450608	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	198936	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	370340	20.00	ng	0.00
76) Chrysene-d12	14.05	240	375177	20.00	ng	-0.02
87) Perylene-d12	15.53	264	310356	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	753493	97.75	ng	0.00
7) Phenol-d6	6.52	99	954117	98.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	550005	75.36	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	234455	96.74	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	972349	76.45	ng	0.00
79) Terphenyl-d14	13.00	244	1047091	57.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	137434	9.552	ng	98
71) Phenanthrene	11.44	178	64026	3.440	ng	98
75) Fluoranthene	12.63	202	188620	9.289	ng	96
78) Pyrene	12.86	202	138503	5.279	ng	97
81) Benzo(a)anthracene	14.04	228	89198	4.035	ng	98
83) Chrysene	14.08	228	90753	4.216	ng	97
88) Benzo(b)fluoranthene	15.10	252	97597m	4.970	ng	
90) Benzo(a)pyrene	15.47	252	49698	2.926	ng	97

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

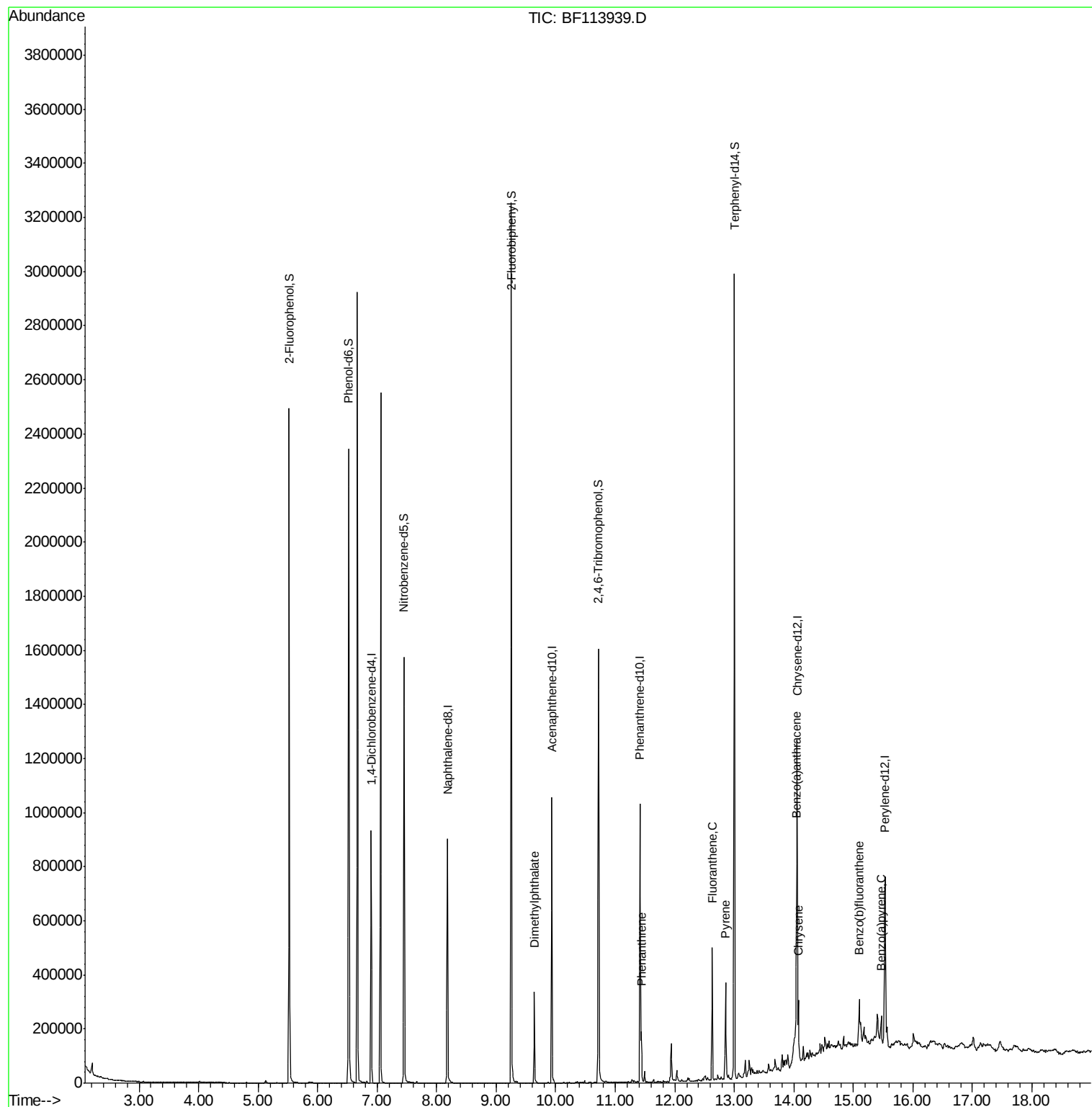
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113939.D
Acq On : 23 Apr 2019 23:38
Operator : JU/SJ
Sample : K2532-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

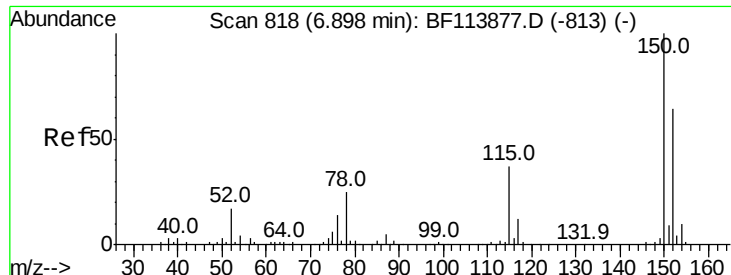
Instrument :
BNA_F
ClientSampleId :
TP-5

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Quant Time: Apr 25 08:15:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration





#1

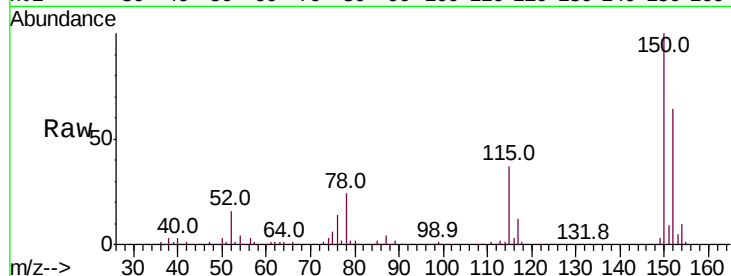
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113939.D
Acq: 23 Apr 2019 23:38

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.9	188.9
115	57.4	45.9	68.9

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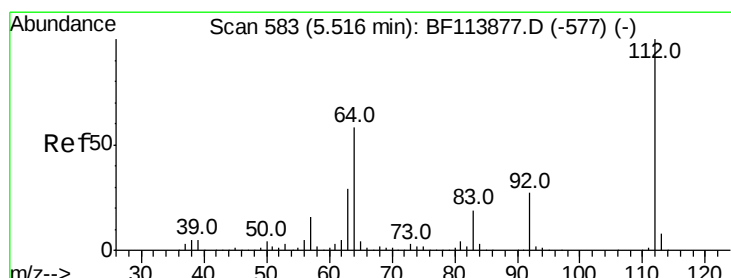
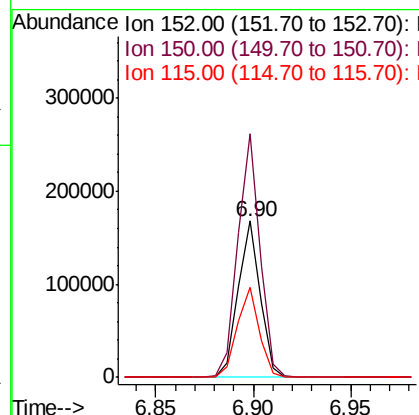
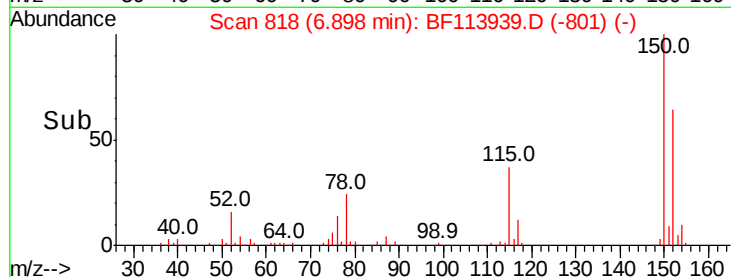


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

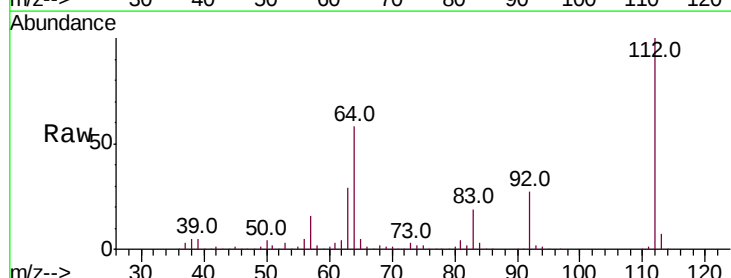
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.746 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113939.D
Acq: 23 Apr 2019 23:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.6	69.8
63	28.9	23.1	34.7

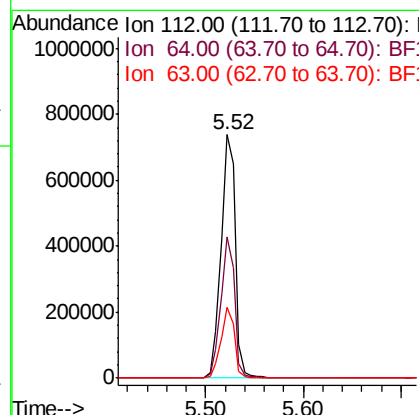
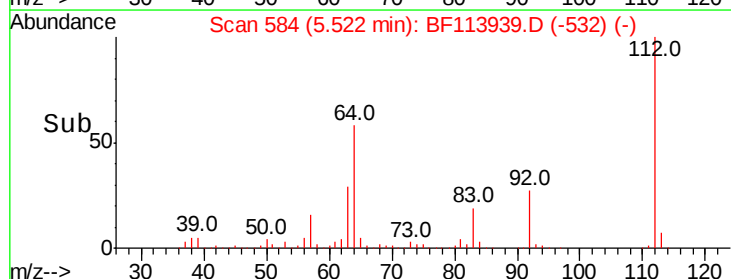


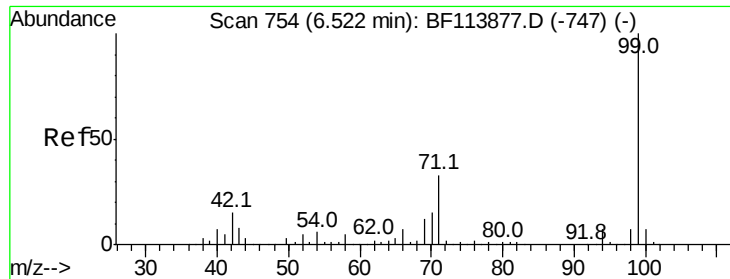
Abundance

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: 98.653 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113939.D

Acq: 23 Apr 2019 23:38

Instrument :

BNA_F

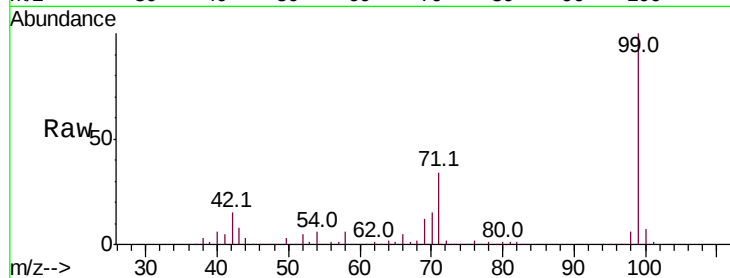
ClientSampled :

TP-5

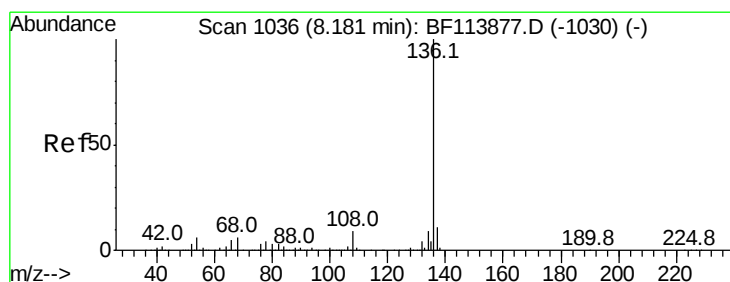
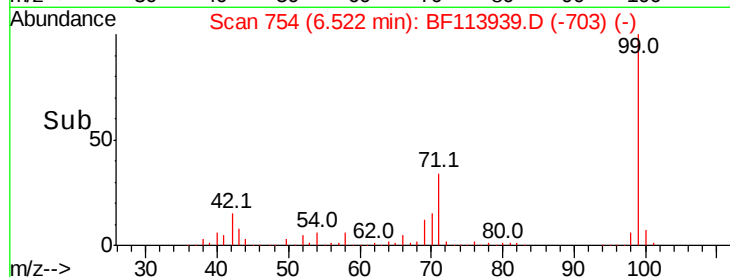
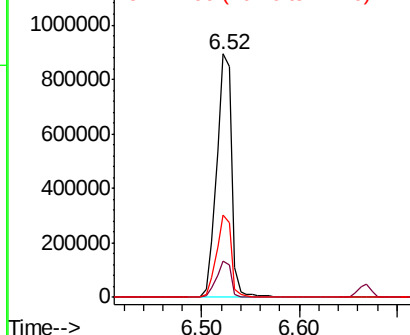
Tot Ion:	99	Resp:	954117
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.5	18.7
71	33.9	26.9	40.3

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

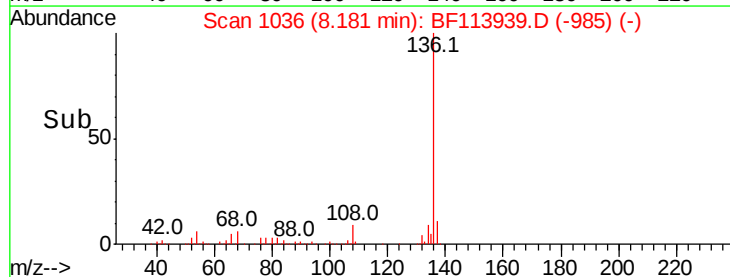
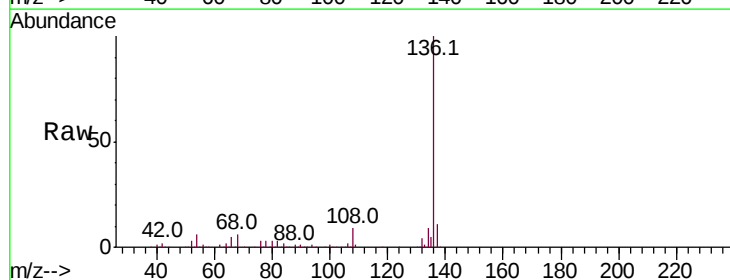
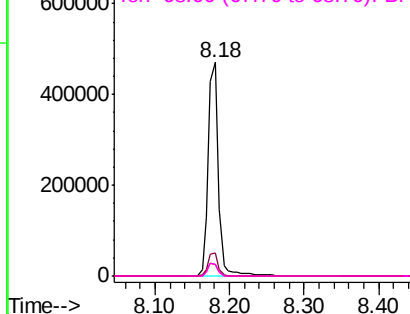
Delta R.T. 0.00 min

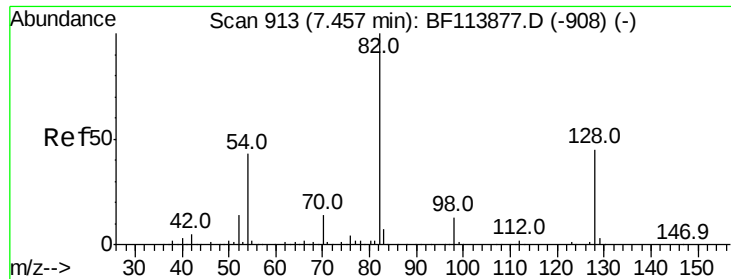
Lab File: BF113939.D

Acq: 23 Apr 2019 23:38

Tgt Ion:	136	Resp:	450608
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	5.6	5.0	7.6
68	5.6	4.9	7.3

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





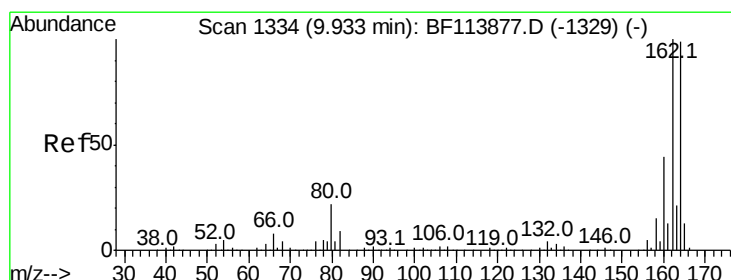
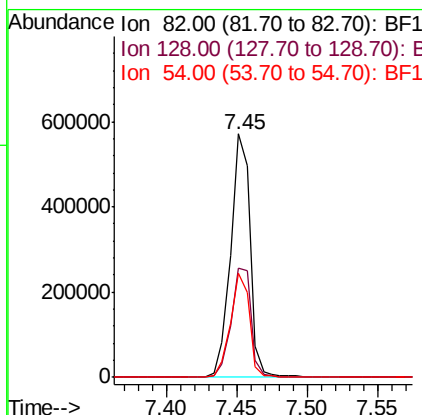
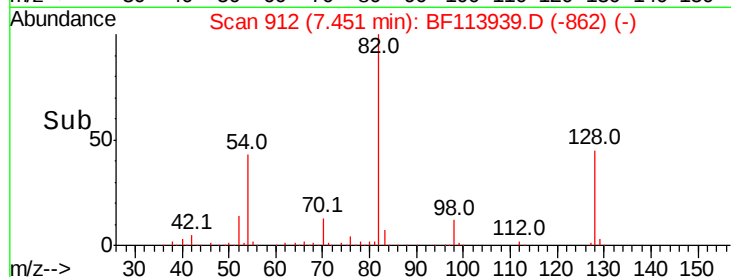
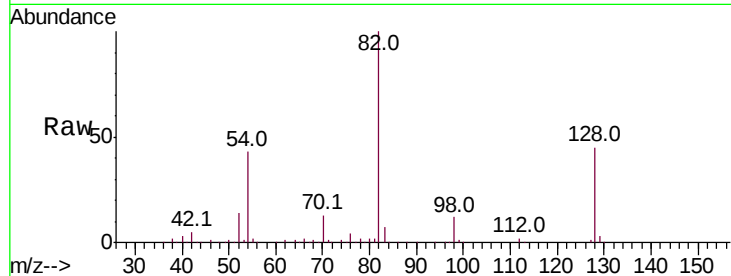
#23
 Nitrobenzene-d5
 Concen: 75.364 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113939.D
 Acq: 23 Apr 2019 23:38

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tot Ion:	82	Resp:	550005
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.8	55.2
54	42.9	33.8	50.6

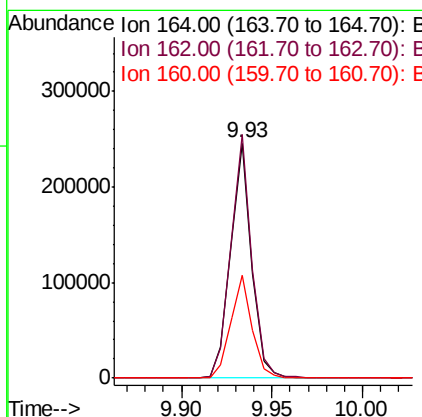
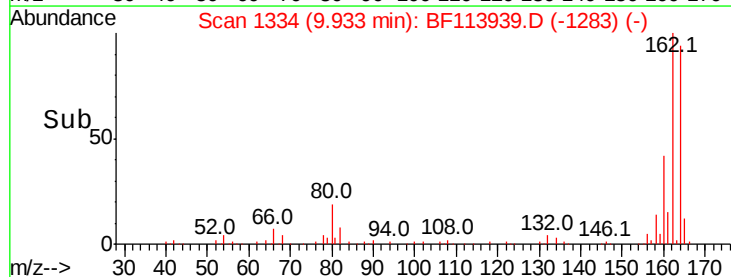
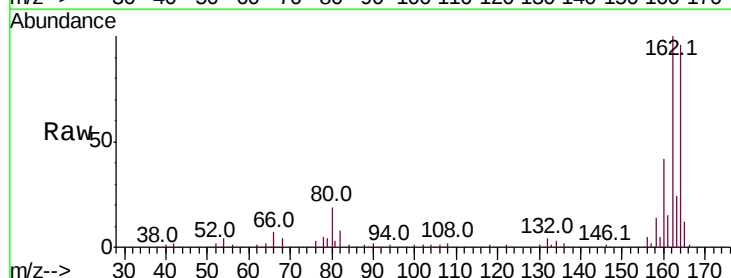
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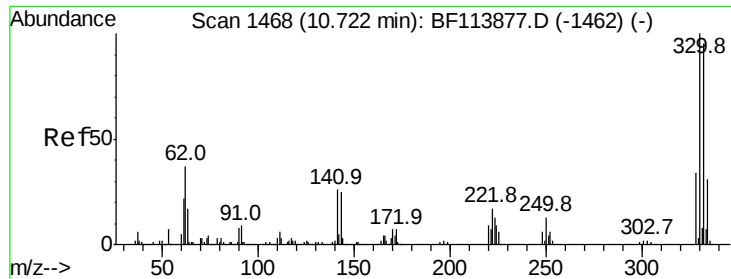
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113939.D
 Acq: 23 Apr 2019 23:38

Tgt Ion:	164	Resp:	198936
Ion Ratio	Lower	Upper	
164	100		
162	103.8	81.1	121.7
160	43.8	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 96.744 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113939.D

Acq: 23 Apr 2019 23:38

Instrument :

BNA_F

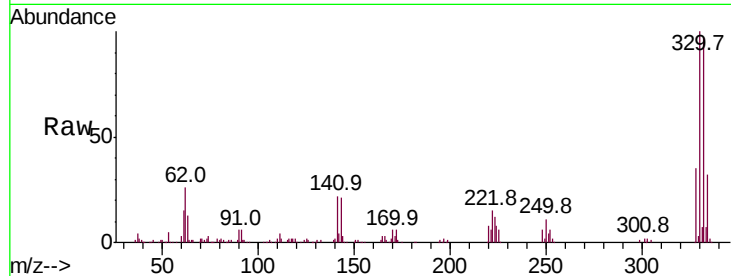
ClientSampled :

TP-5

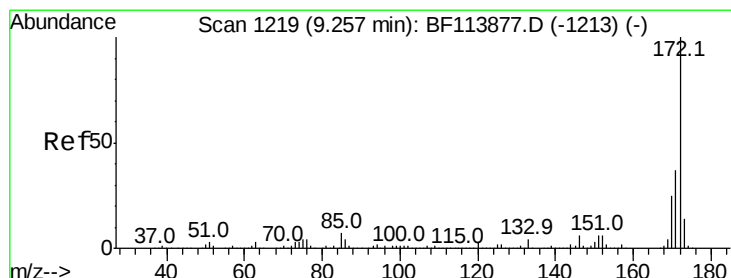
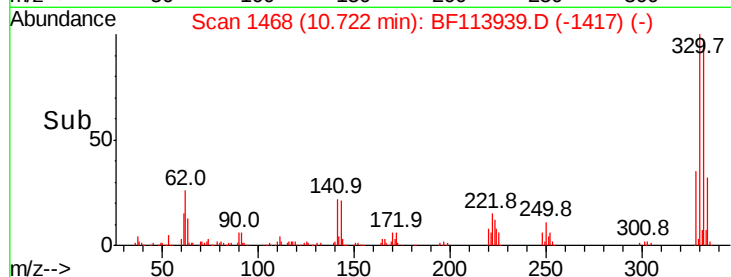
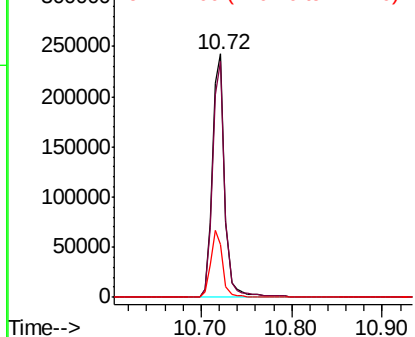
Tot Ion:	330	Resp:	234455
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.5	116.3
141	26.8	22.2	33.2

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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: 76.446 ng

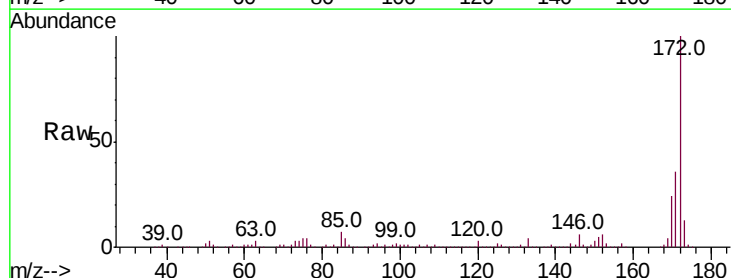
RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

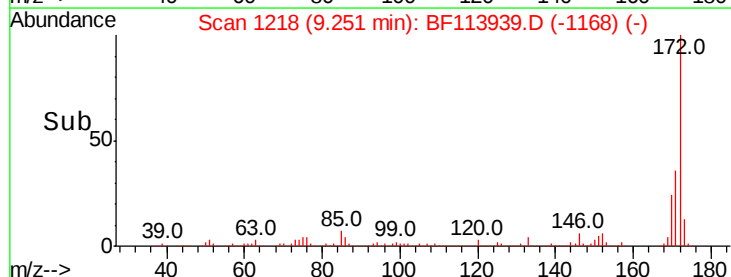
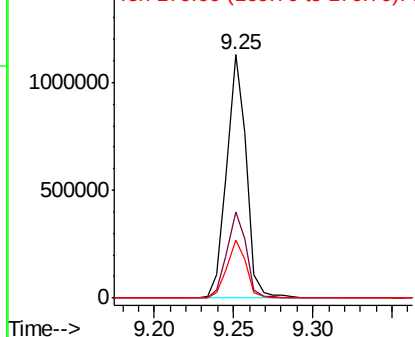
Lab File: BF113939.D

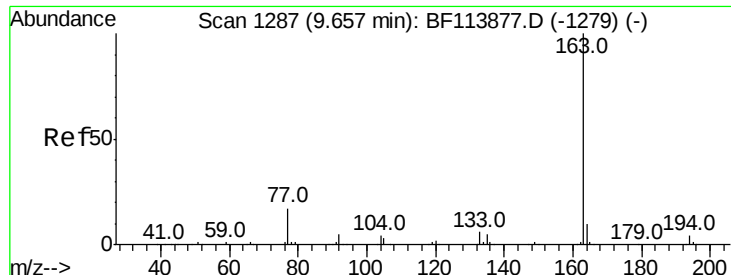
Acq: 23 Apr 2019 23:38

Tgt Ion:	172	Resp:	972349
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.4	44.0
170	24.0	19.9	29.9



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





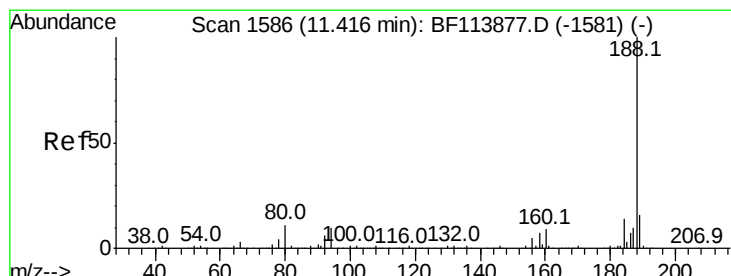
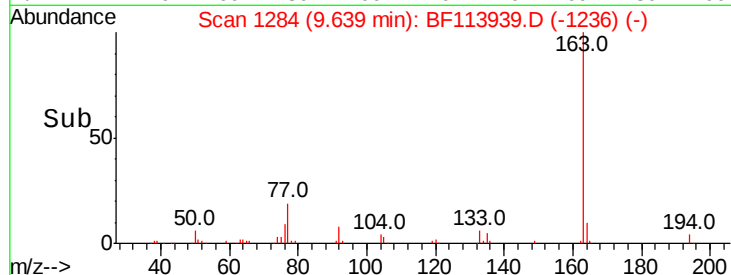
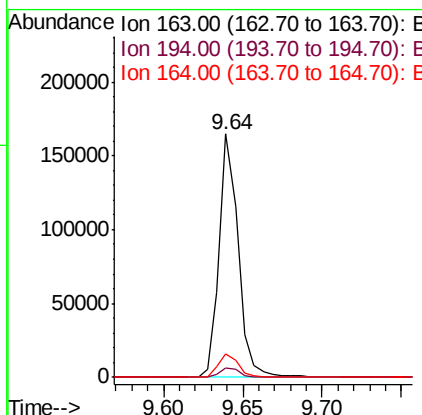
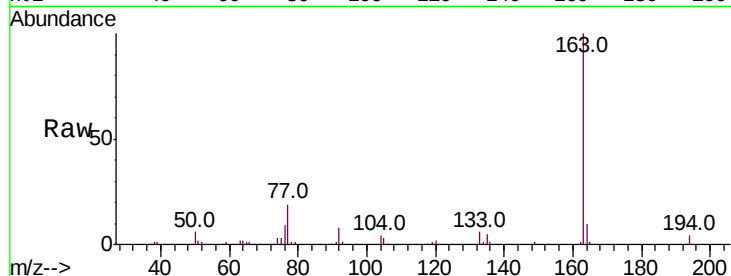
#50
Dimethylphthalate
Concen: 9.552 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113939.D
Acq: 23 Apr 2019 23:38

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	9.5	8.5	12.7

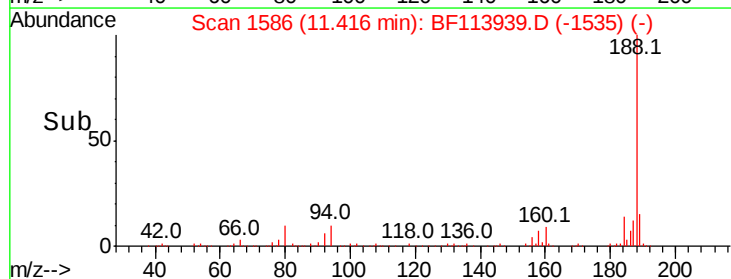
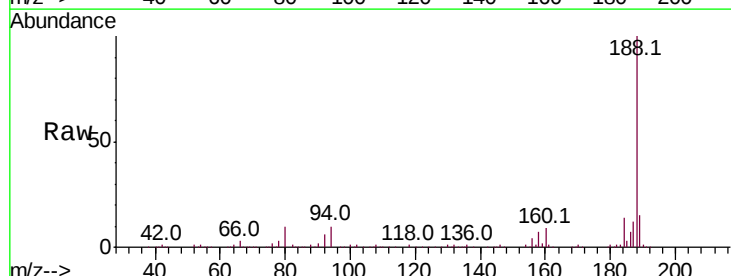
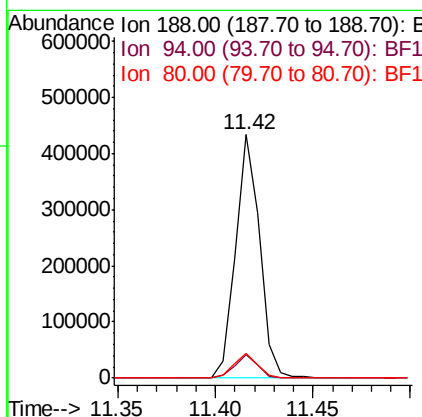
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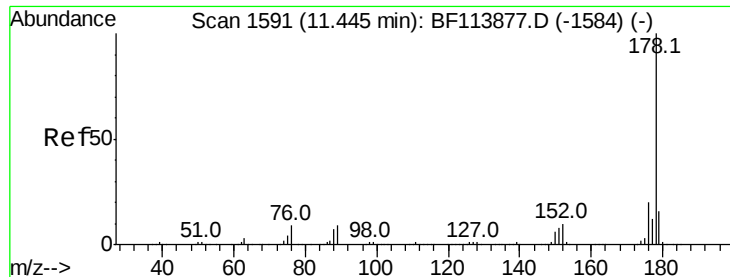
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113939.D
Acq: 23 Apr 2019 23:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.4
80	10.2	9.0	13.6





#71

Phenanthrene

Concen: 3.440 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF113939.D

Acq: 23 Apr 2019 23:38

Instrument :

BNA_F

ClientSampled :

TP-5

Tot Ion:178 Resp: 64026

Ion Ratio Lower Upper

178 100

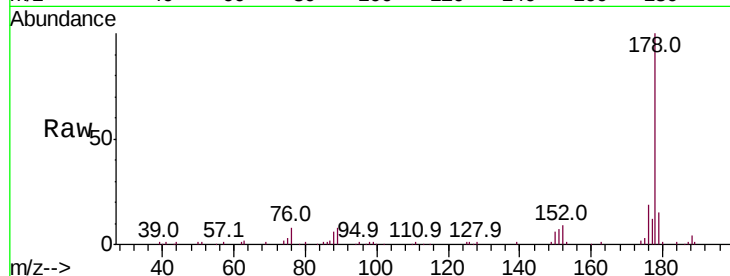
176 19.2 16.1 24.1

179 15.2 12.8 19.2

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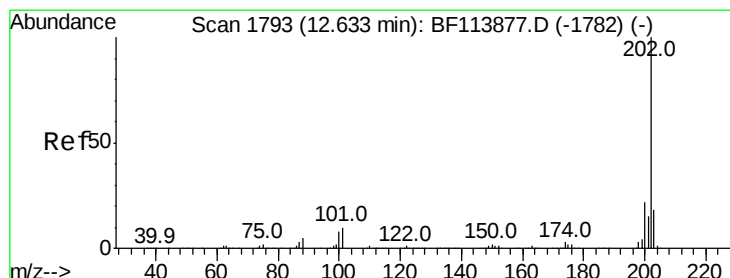
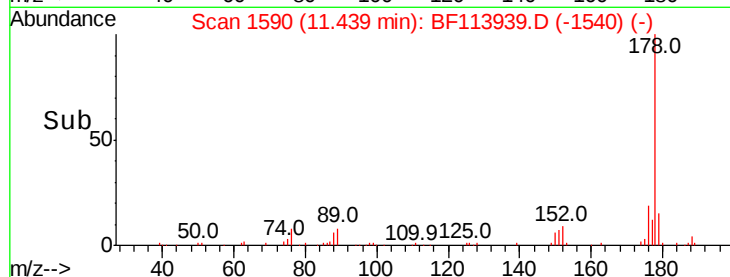
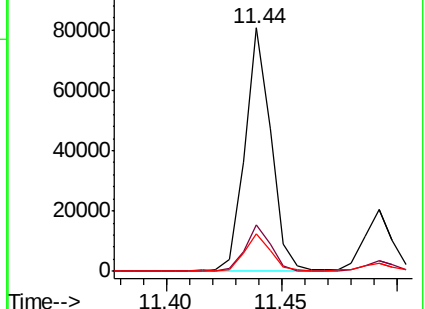
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 9.289 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF113939.D

Acq: 23 Apr 2019 23:38

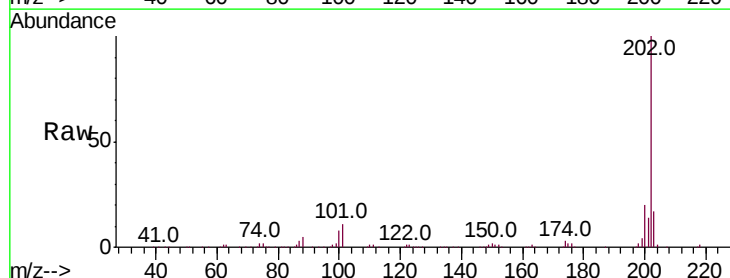
Tgt Ion:202 Resp: 188620

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.9

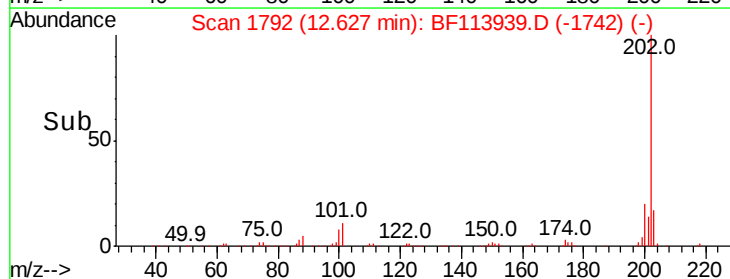
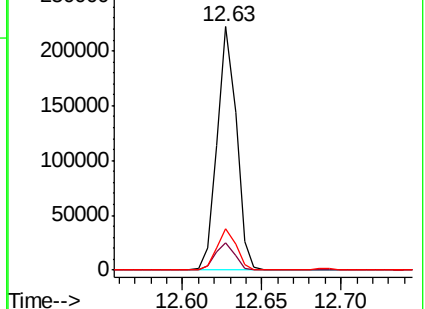
203 17.0 0.0 38.2

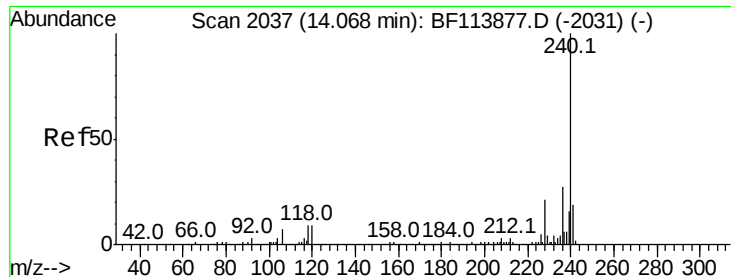


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF113939.D

Acq: 23 Apr 2019 23:38

Instrument :

BNA_F

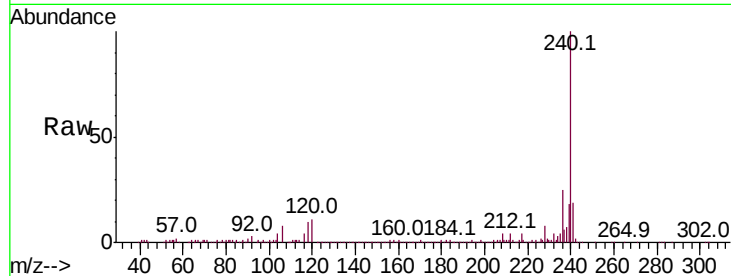
ClientSampled :

TP-5

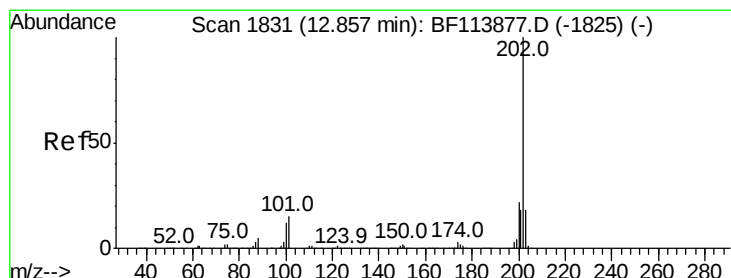
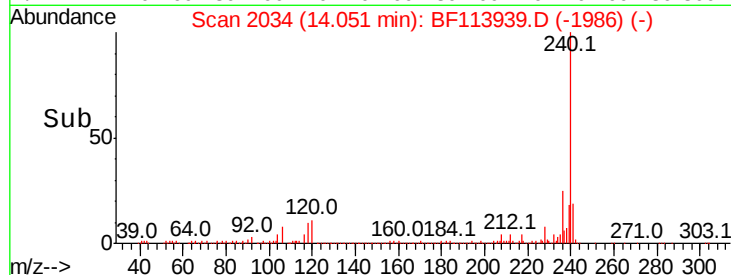
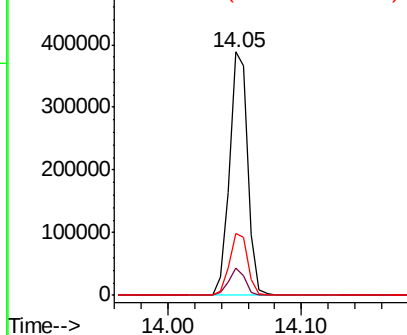
Tot Ion:	240	Resp:	375177
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.3	13.9
236	25.4	21.2	31.8

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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

Pyrene

Concen: 5.279 ng

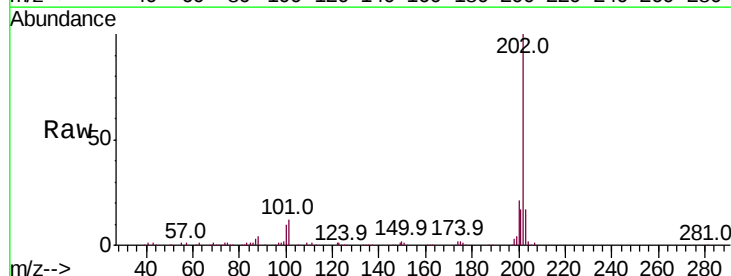
RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

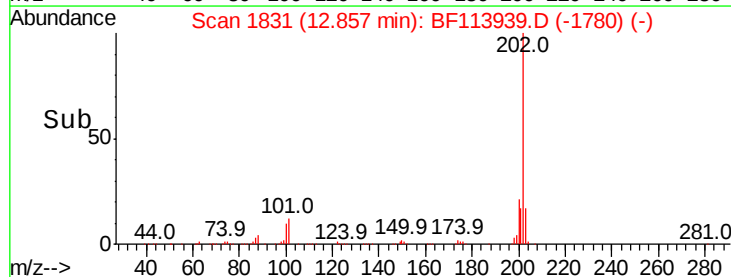
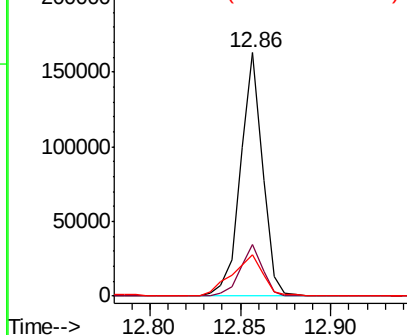
Lab File: BF113939.D

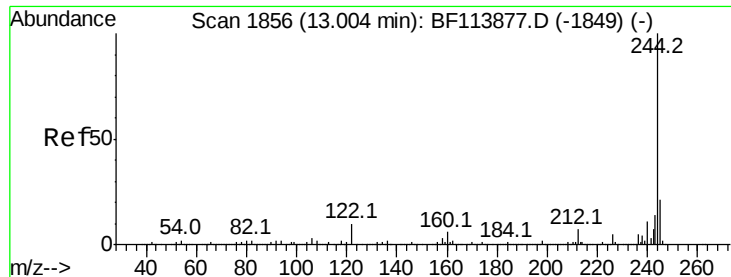
Acq: 23 Apr 2019 23:38

Tgt Ion:	202	Resp:	138503
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.7	26.5
203	16.8	15.0	22.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





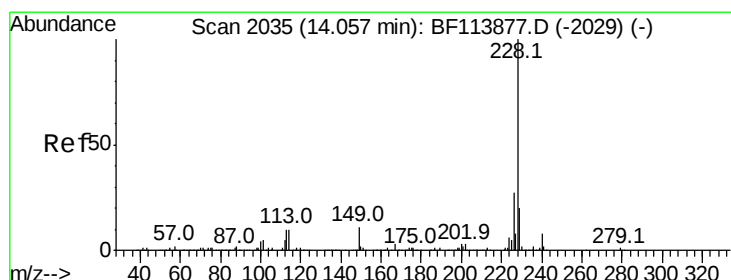
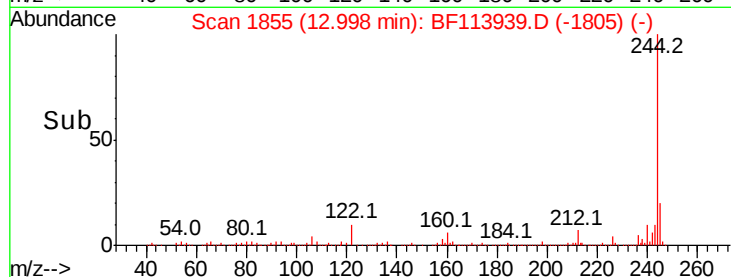
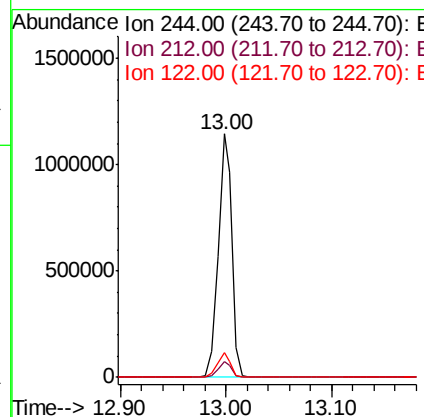
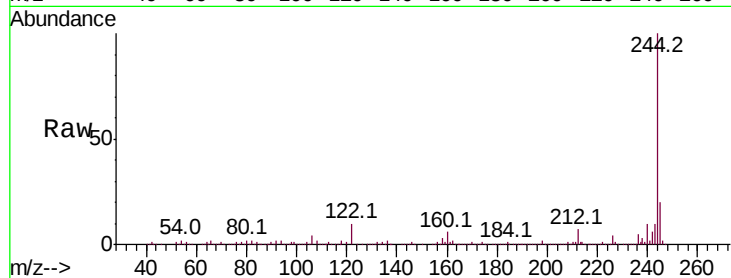
#79
 Terphenyl-d14
 Concen: 57.218 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF113939.D
 Acq: 23 Apr 2019 23:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	10.4	7.6	11.4

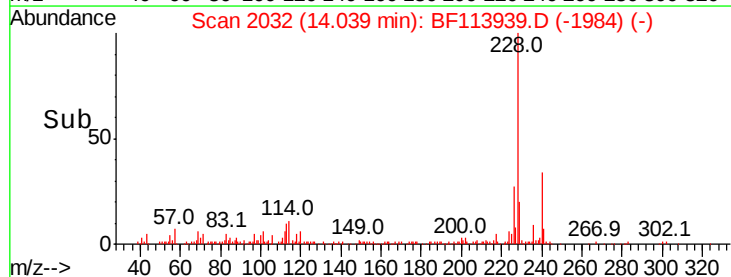
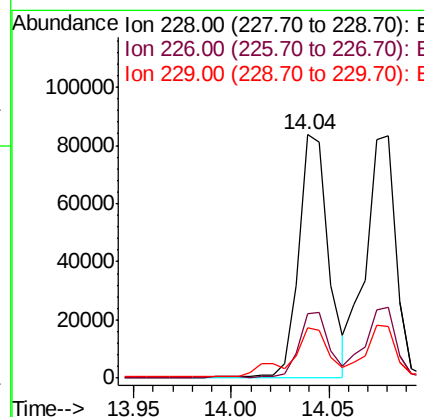
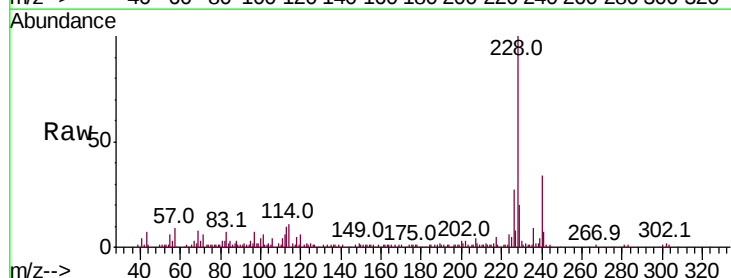
Manual Integrations
 APPROVED

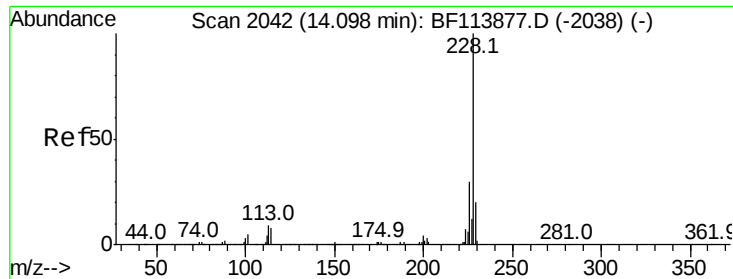
Sohil
 4/25/2019 6:02:28 PM



#81
 Benzo(a)anthracene
 Concen: 4.035 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF113939.D
 Acq: 23 Apr 2019 23:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.2	33.2
229	20.4	16.0	24.0





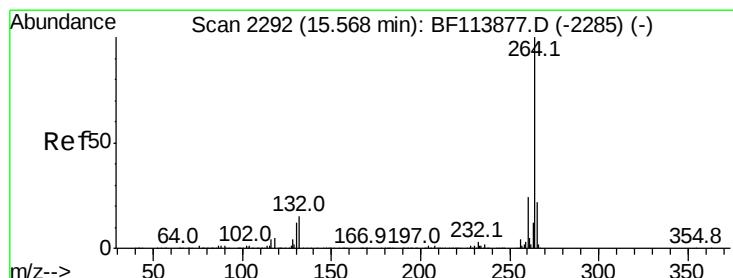
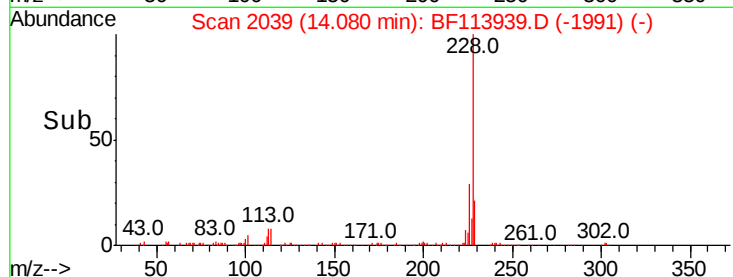
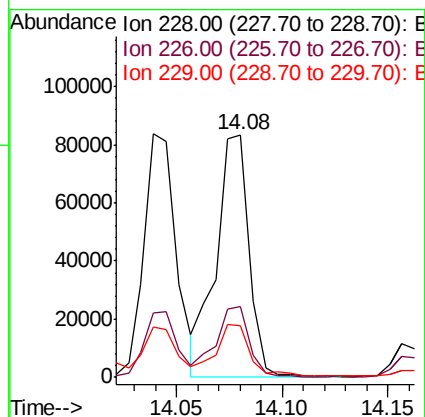
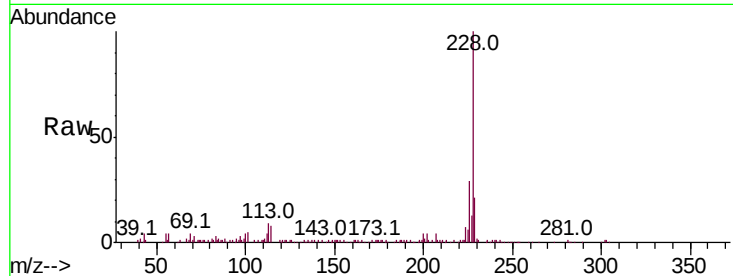
#83
Chrysene
Concen: 4.216 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF113939.D
Acq: 23 Apr 2019 23:38

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion:228	Resp:	90753
Ion Ratio	Lower	Upper
228 100		
226 29.1	25.2	37.8
229 21.3	16.7	25.1

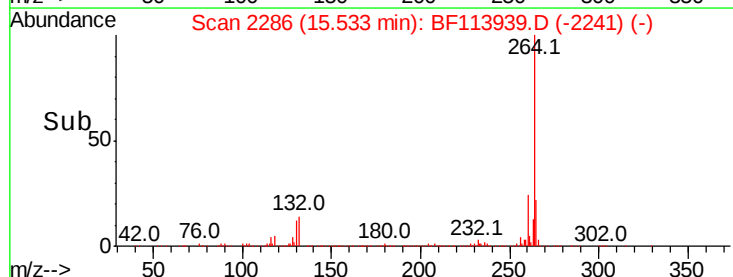
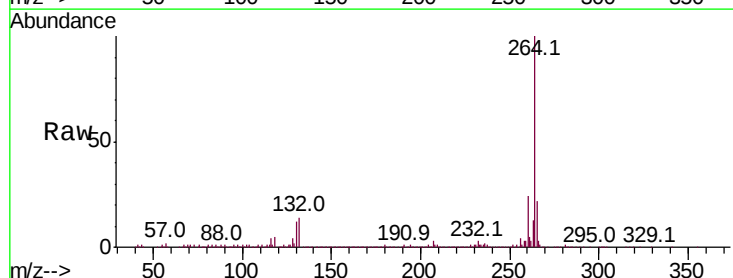
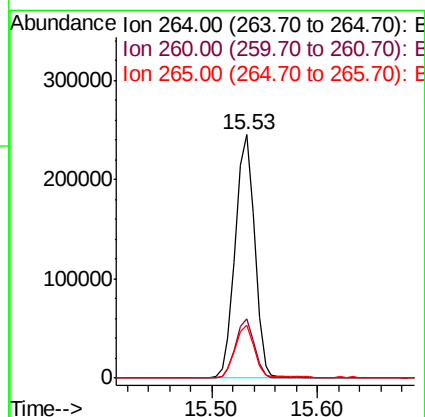
Manual Integrations
APPROVED

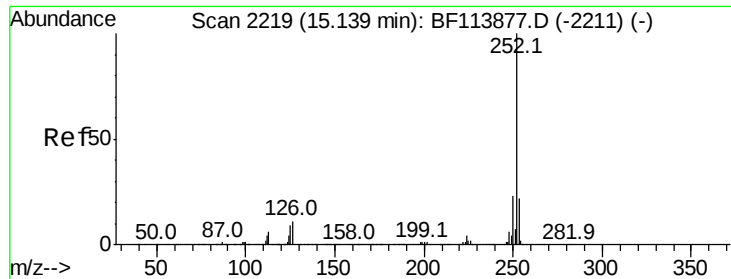
Sohil
4/25/2019 6:02:28 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.04 min
Lab File: BF113939.D
Acq: 23 Apr 2019 23:38

Tgt Ion:264	Resp:	310356
Ion Ratio	Lower	Upper
264 100		
260 24.4	18.9	28.3
265 21.8	17.3	25.9





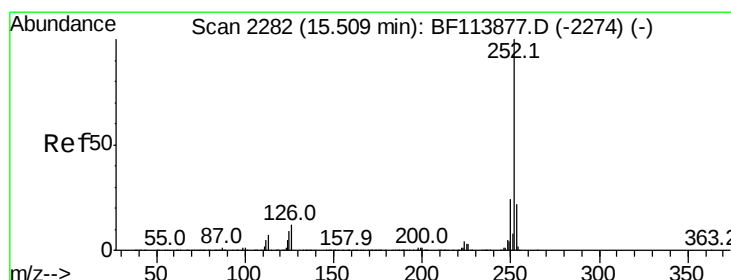
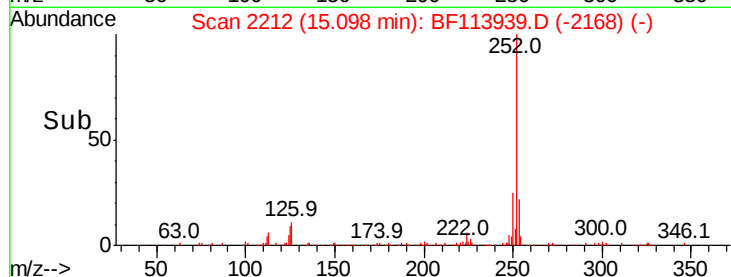
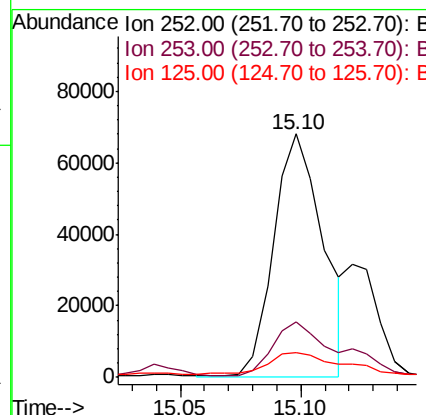
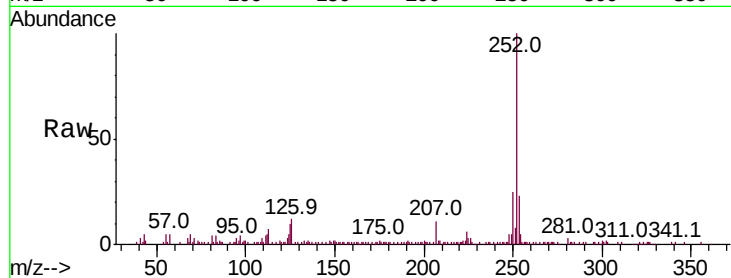
#88
Benzo(b)fluoranthene
Concen: 4.970 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF113939.D
Acq: 23 Apr 2019 23:38

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	10.4	7.0	10.6

Manual Integrations
APPROVED

Sohil
4/25/2019 6:02:28 PM



#90
Benzo(a)pyrene
Concen: 2.926 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF113939.D
Acq: 23 Apr 2019 23:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	10.8	8.5	12.7

