

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116964.D
 Acq On : 11 Sep 2019 23:21
 Operator : HP/JU
 Sample : K4819-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S(1-4)

Quant Time: Sep 12 07:41:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

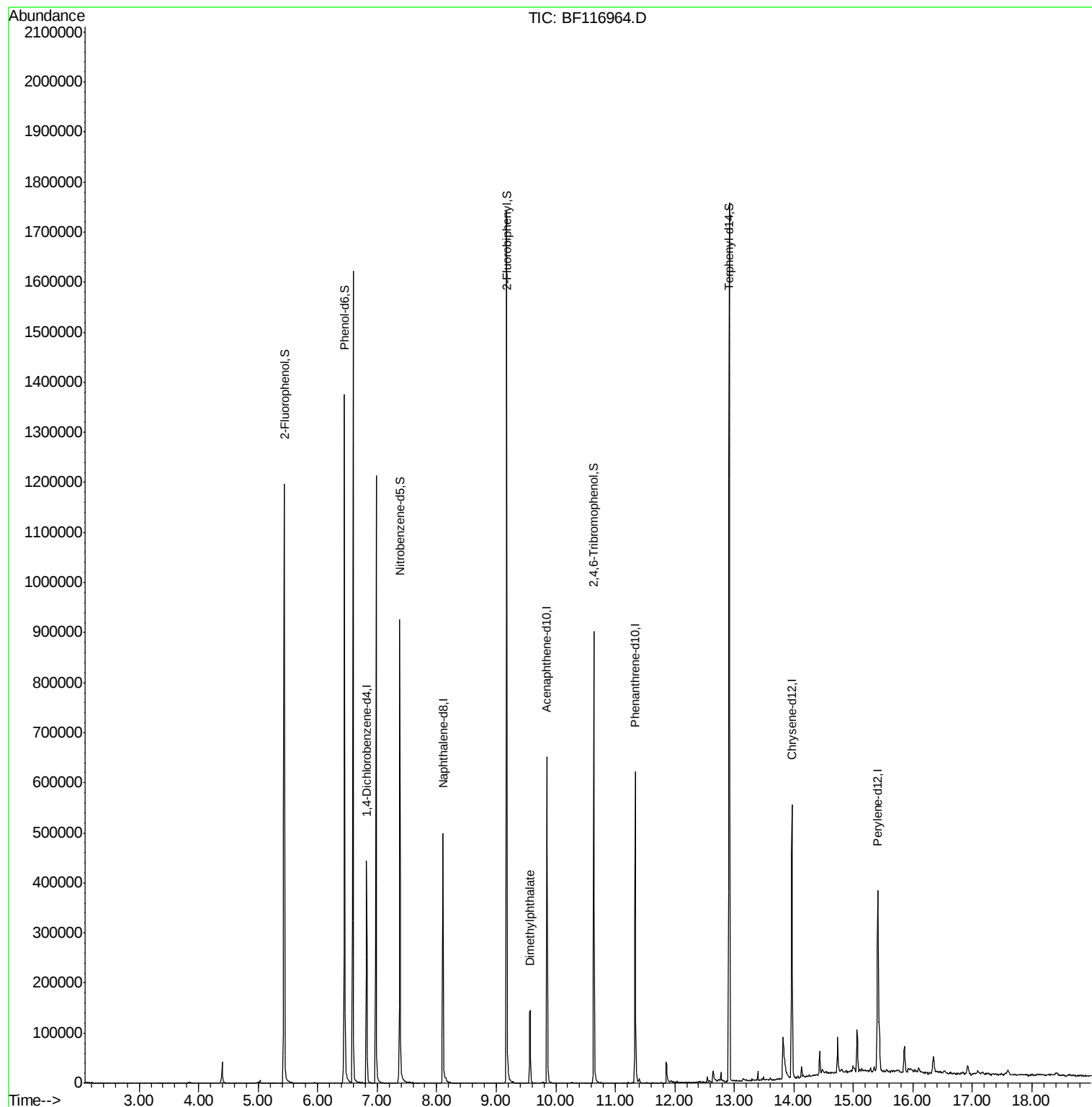
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	62316	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	257815	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	133428	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	231026	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	170766	20.00	ng	-0.02
87) Perylene-d12	15.41	264	167116	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	368941	95.92	ng	-0.01
7) Phenol-d6	6.45	99	503073	99.60	ng	-0.02
23) Nitrobenzene-d5	7.38	82	312828	69.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	100586	112.77	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	517759	65.46	ng	-0.02
79) Terphenyl-d14	12.92	244	521402	56.48	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.57	163	68869	7.476	ng	Qvalue 99

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

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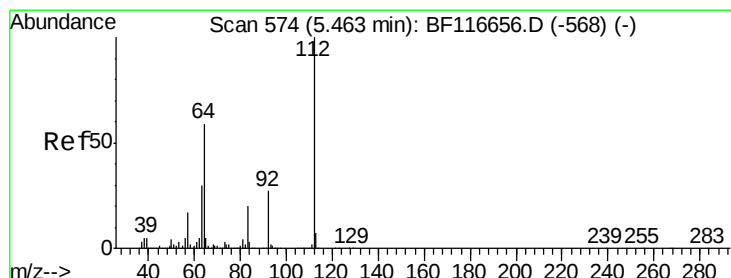
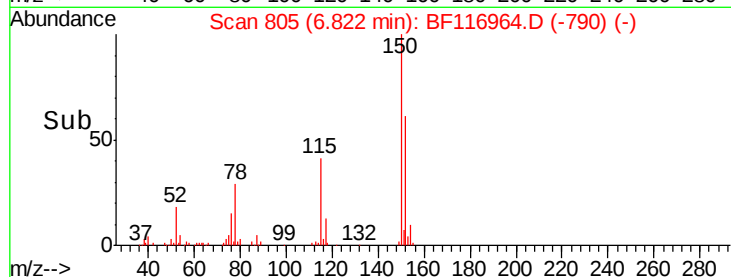
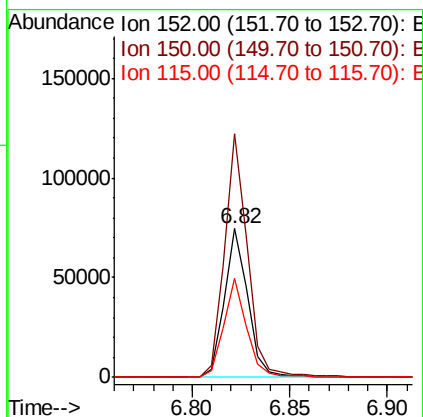
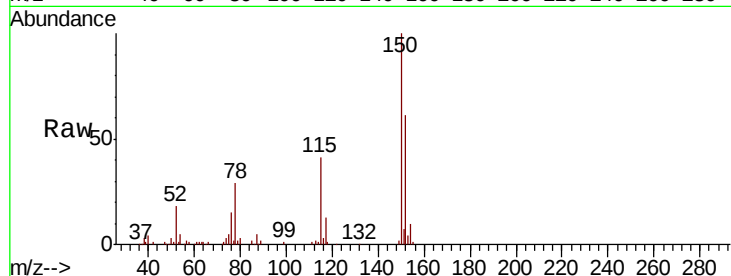


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116964.D
Acq: 11 Sep 2019 23:21

Instrument :
BNA_F
ClientSampleId :
TP-2-S(1-4)

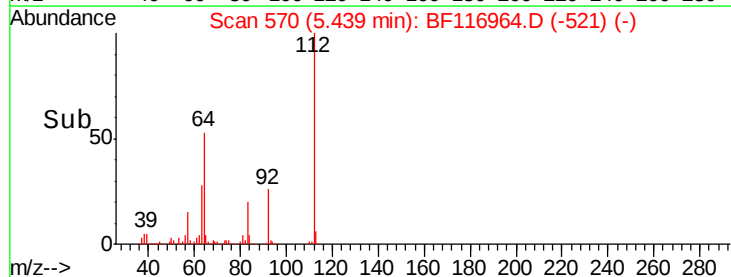
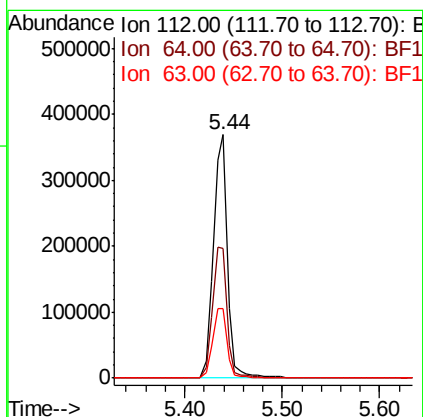
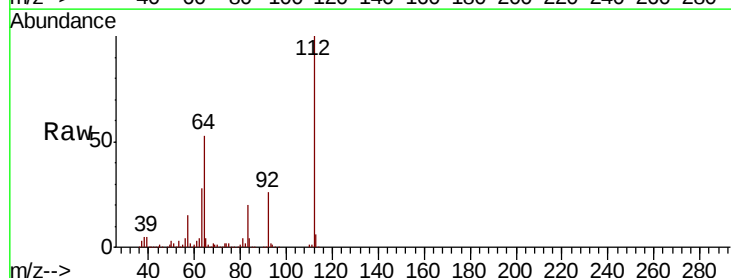
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.0	124.4	186.6
115	66.4	49.9	74.9



#5

2-Fluorophenol
Concen: 95.915 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF116964.D
Acq: 11 Sep 2019 23:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.1	70.7
63	28.5	24.9	37.3





#7

Phenol-d6

Concen: 99.600 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF116964.D

Acq: 11 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

TP-2-S(1-4)

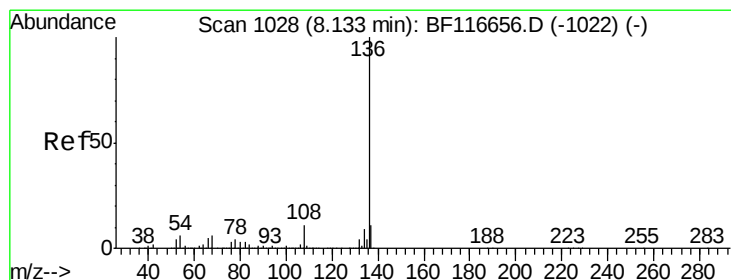
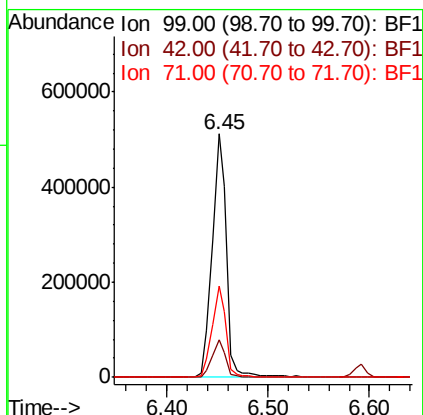
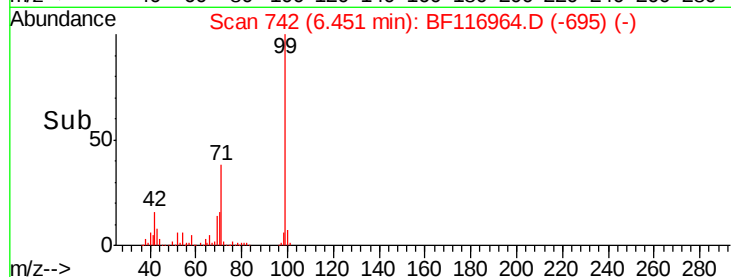
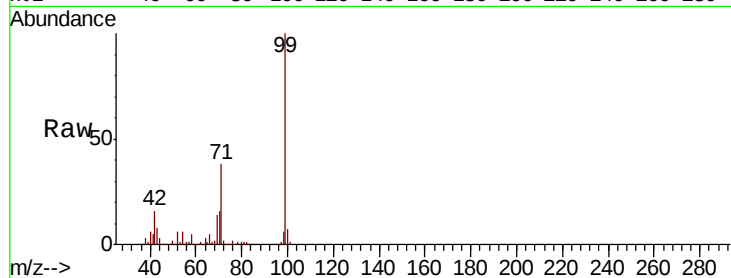
Tot Ion: 99 Resp: 503073

Ion Ratio Lower Upper

99 100

42 15.6 13.7 20.5

71 37.7 30.8 46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116964.D

Acq: 11 Sep 2019 23:21

Tgt Ion: 136 Resp: 257815

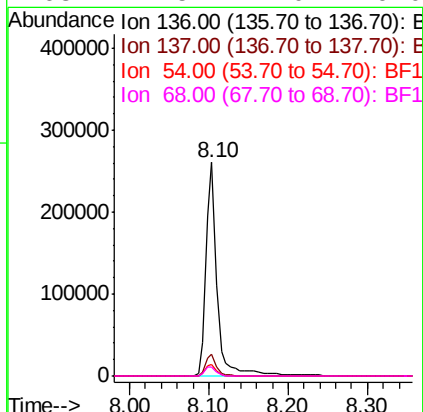
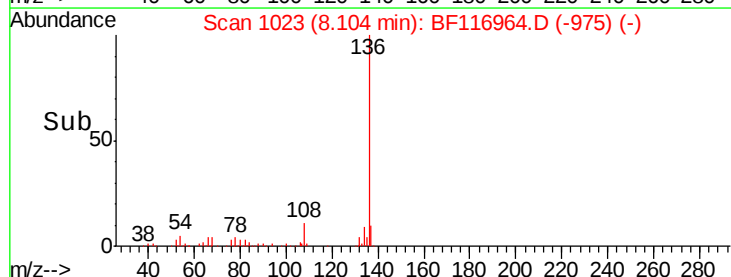
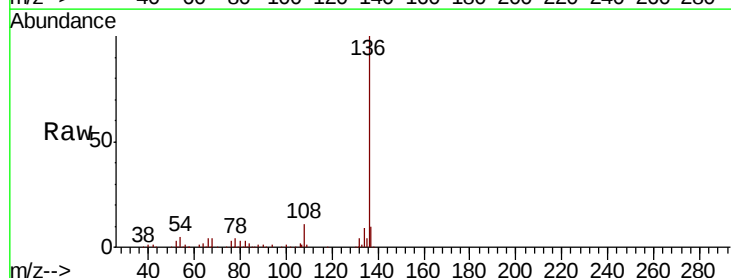
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 5.4 4.8 7.2

68 4.5 4.0 6.0

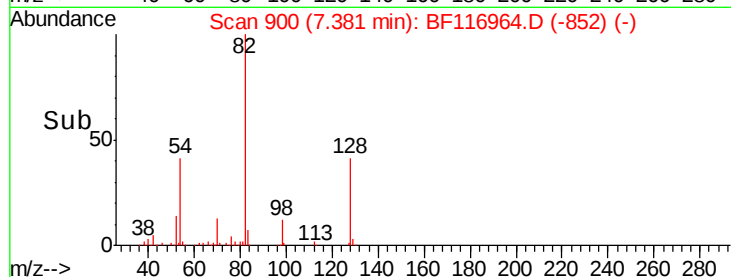
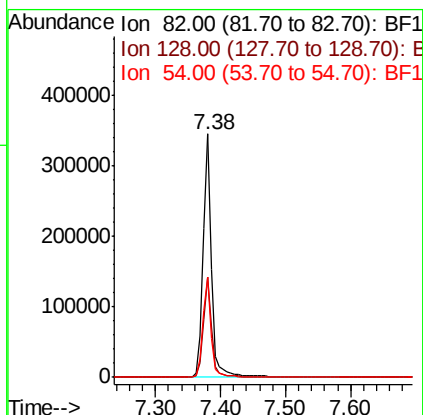
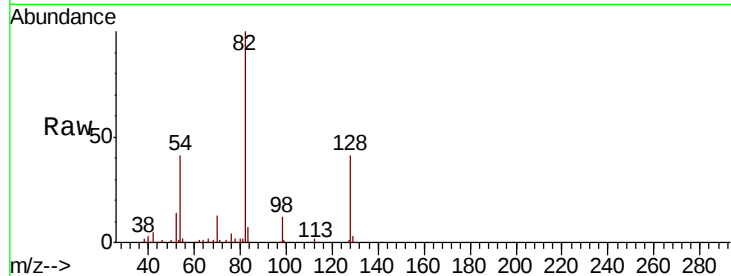




#23
 Nitrobenzene-d5
 Concen: 69.269 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF116964.D
 Acq: 11 Sep 2019 23:21

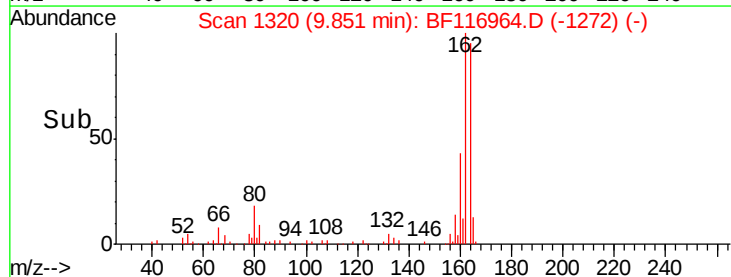
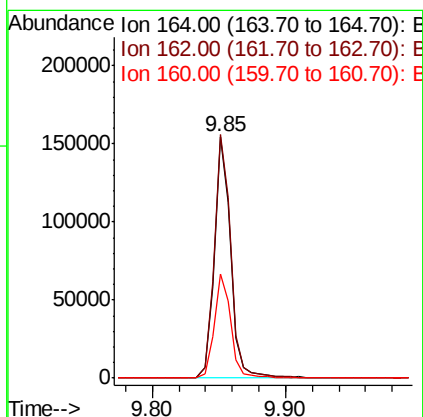
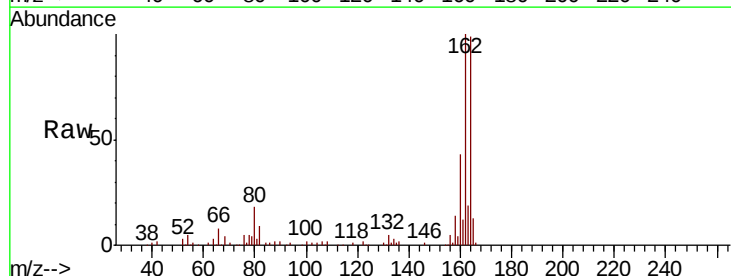
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S(1-4)

Tot Ion	82	Resp	312828
Ion Ratio	Lower	Upper	
82	100		
128	41.0	32.8	49.2
54	40.9	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF116964.D
 Acq: 11 Sep 2019 23:21

Tgt Ion	164	Resp	133428
Ion Ratio	Lower	Upper	
164	100		
162	100.9	81.4	122.0
160	43.2	35.4	53.2

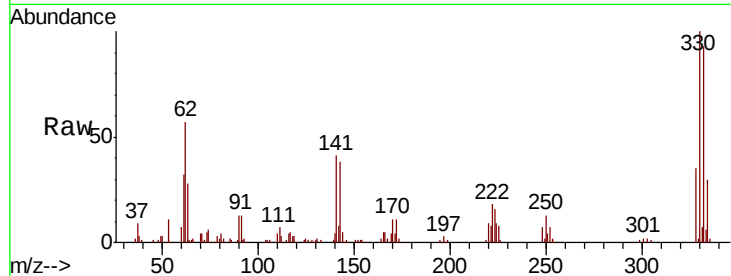




#42
 2,4,6-Tribromophenol
 Concen: 112.765 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF116964.D
 Acq: 11 Sep 2019 23:21

Instrument :
 BNA_F
 ClientSampled :
 TP-2-S(1-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.7	76.9	115.3
141	44.7	31.4	47.2

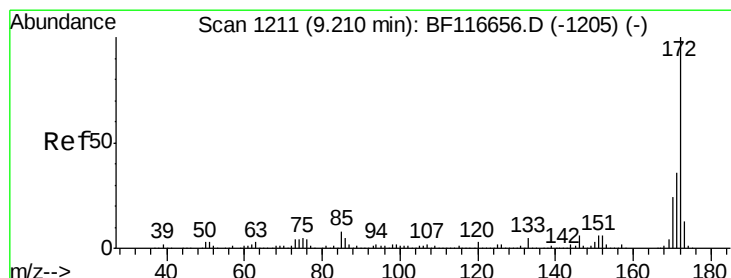
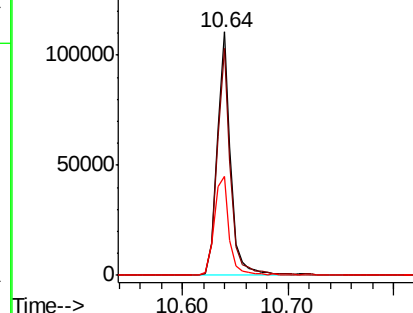
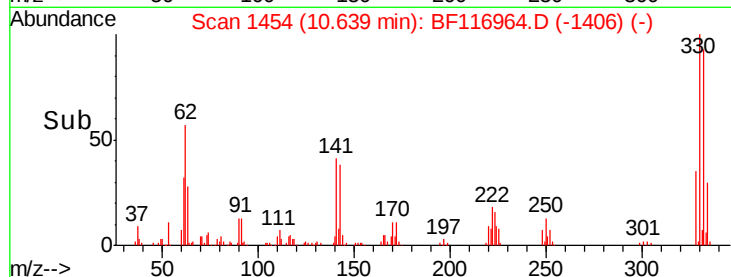


Abundance

Ion 329.80 (329.50 to 330.50): E

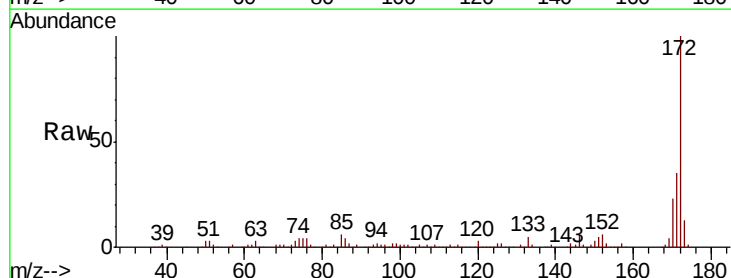
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.459 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF116964.D
 Acq: 11 Sep 2019 23:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.0	18.9	28.3

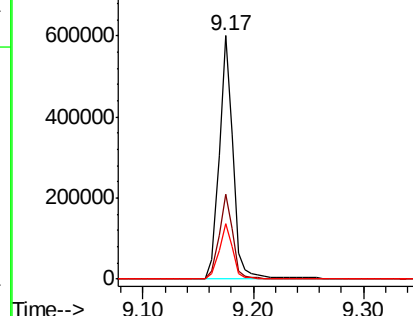
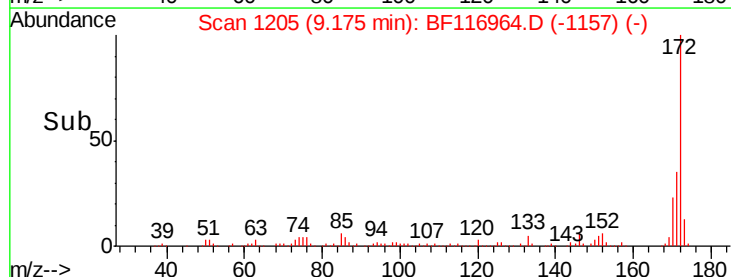


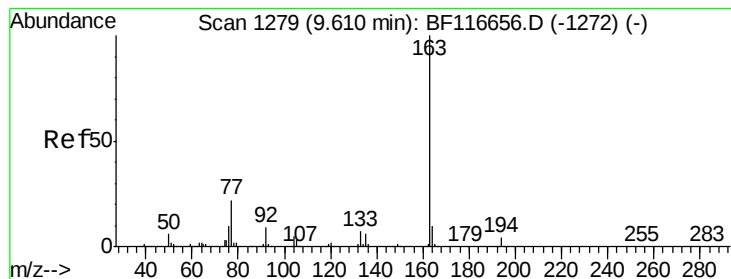
Abundance

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: 7.476 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF116964.D

Acq: 11 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

TP-2-S(1-4)

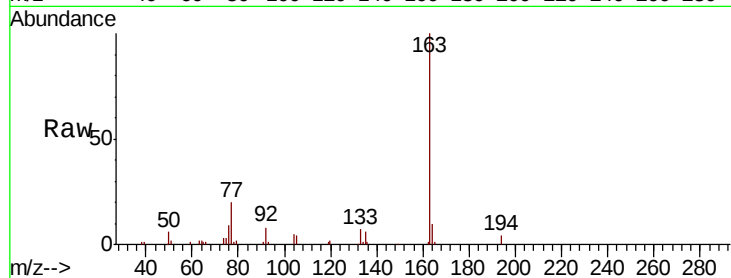
Tot Ion:163 Resp: 68869

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

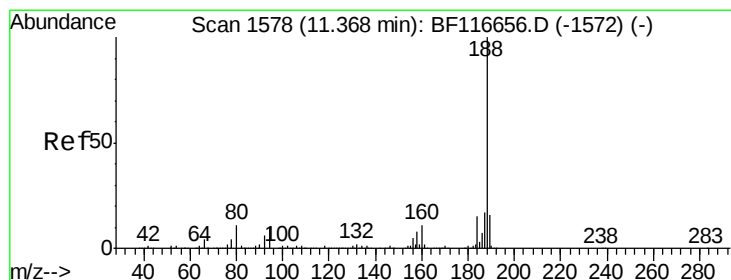
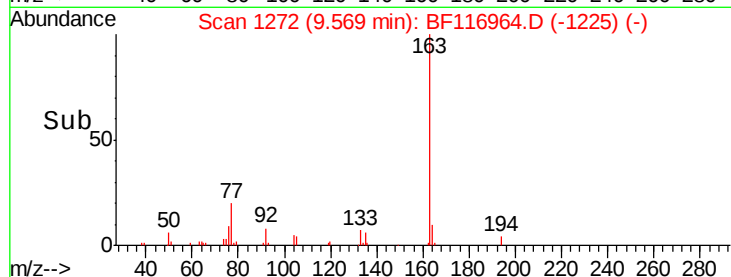
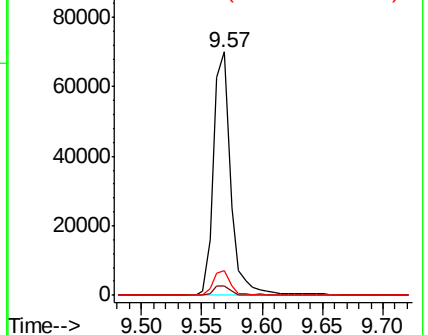
164 10.3 8.6 12.8



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: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF116964.D

Acq: 11 Sep 2019 23:21

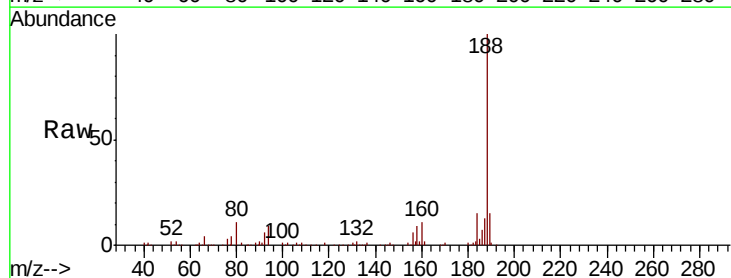
Tgt Ion:188 Resp: 231026

Ion Ratio Lower Upper

188 100

94 9.5 7.3 10.9

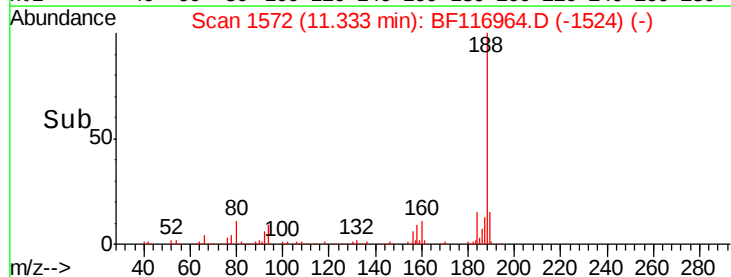
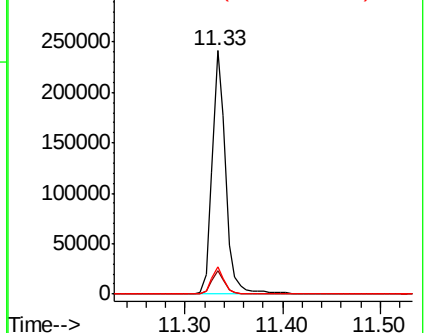
80 11.2 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

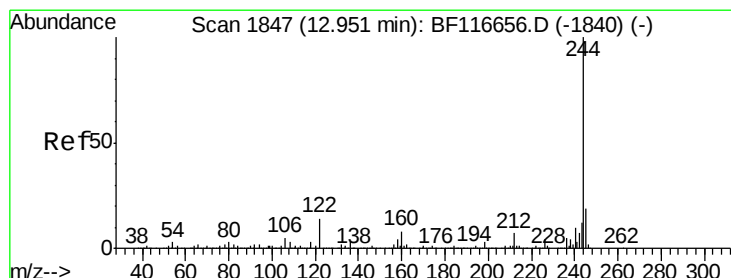
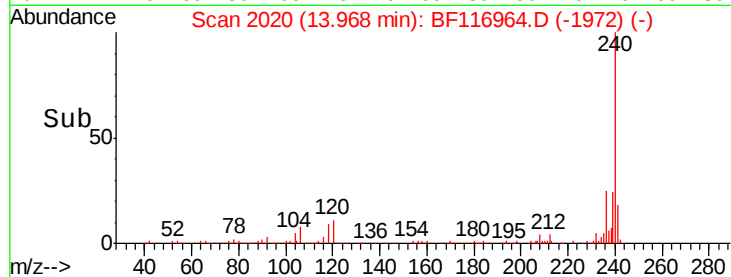
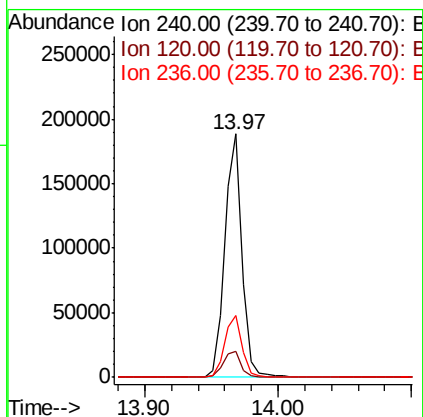
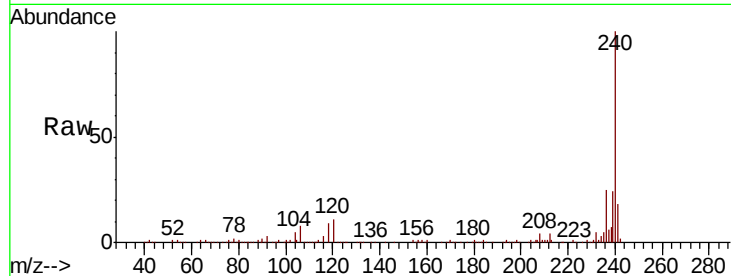




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF116964.D
 Acq: 11 Sep 2019 23:21

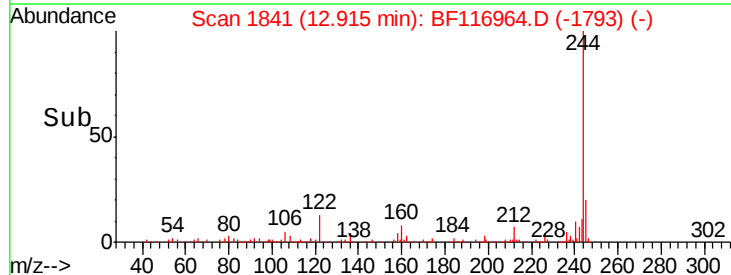
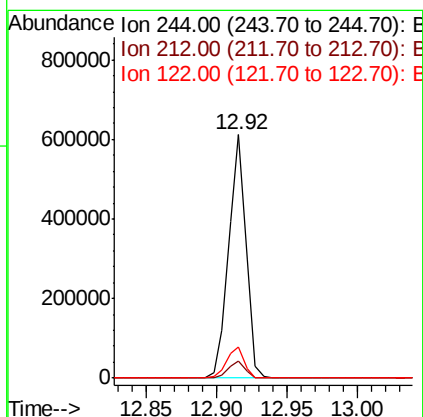
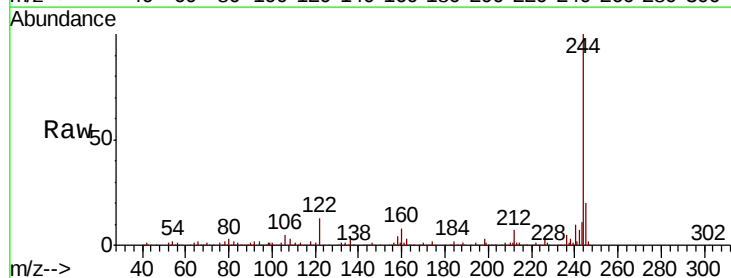
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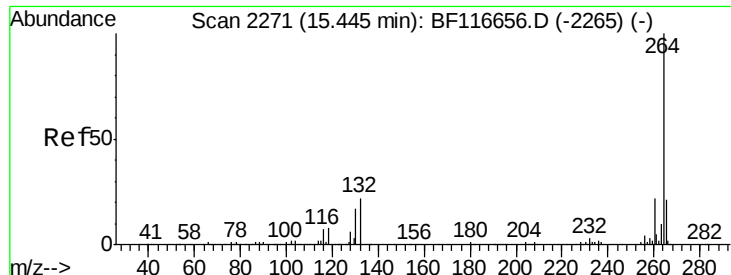
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.1	13.7
236	25.3	21.1	31.7



#79
 Terphenyl-d14
 Concen: 56.485 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF116964.D
 Acq: 11 Sep 2019 23:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	12.7	10.2	15.4

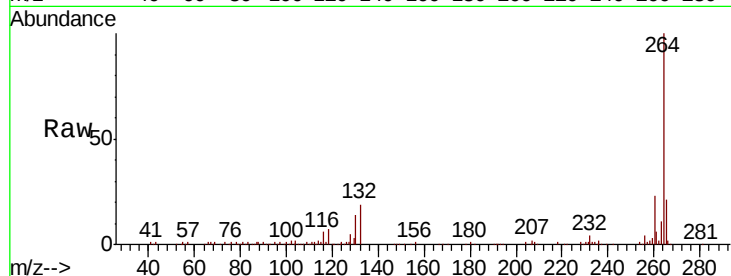




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF116964.D
Acq: 11 Sep 2019 23:21

Instrument :
BNA_F
ClientSampleId :
TP-2-S(1-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	20.9	16.5	24.7



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

