

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117003.D
 Acq On : 12 Sep 2019 20:17
 Operator : HP/JU
 Sample : K4825-06 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 07:47:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

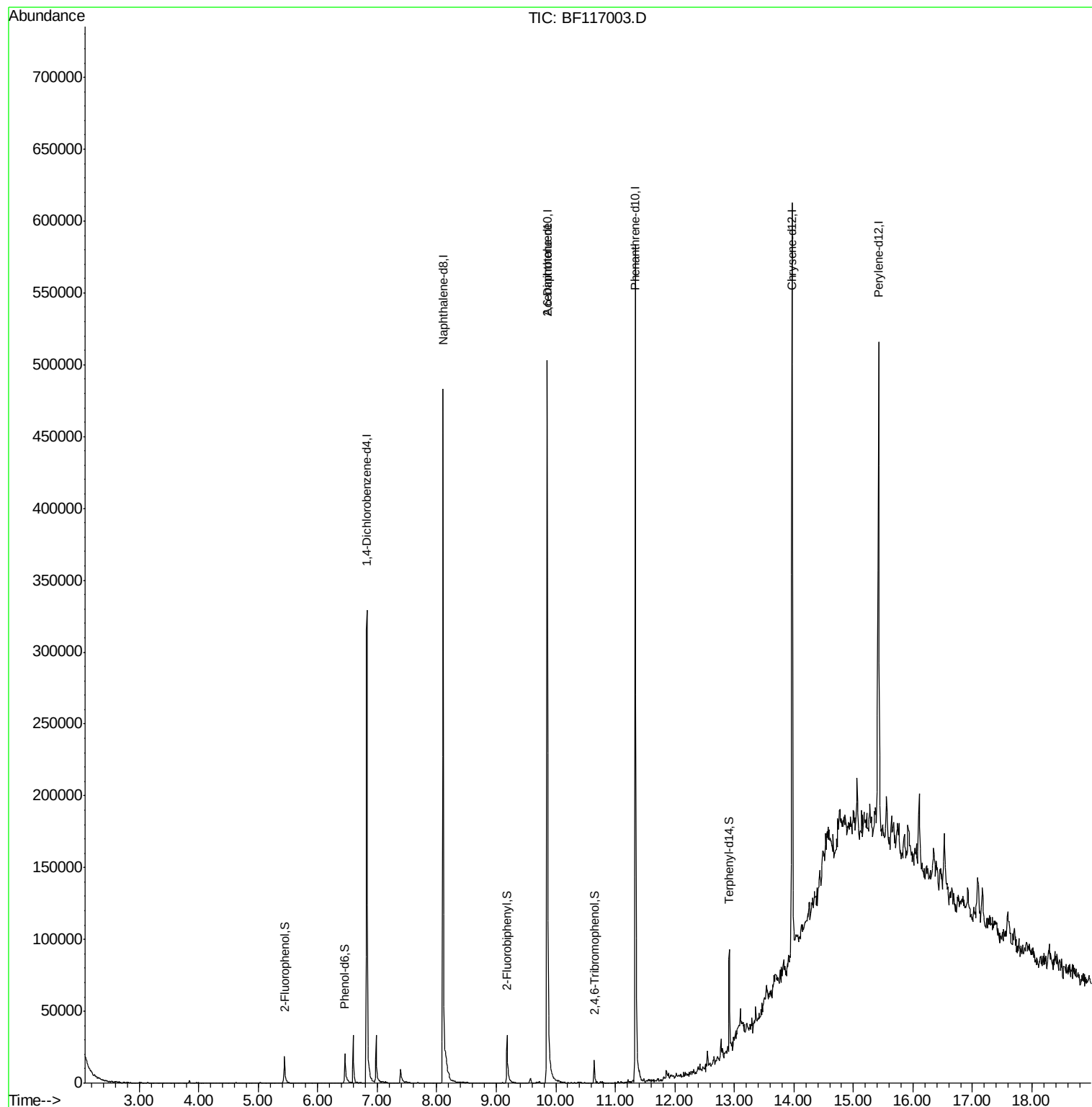
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	62559	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	284455	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	147099	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	242760	20.00	ng	0.00
76) Chrysene-d12	13.97	240	173055	20.00	ng	0.00
87) Perylene-d12	15.42	264	169929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	10629	2.75	ng	0.00
7) Phenol-d6	6.46	99	15840	3.12	ng	0.00
23) Nitrobenzene-d5	7.39	82	9114	1.83	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	3047	3.10	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	23000	2.64	ng	0.00
79) Terphenyl-d14	12.92	244	24051	2.57	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.86	165	18578	9.588	ng	Qvalue # 28

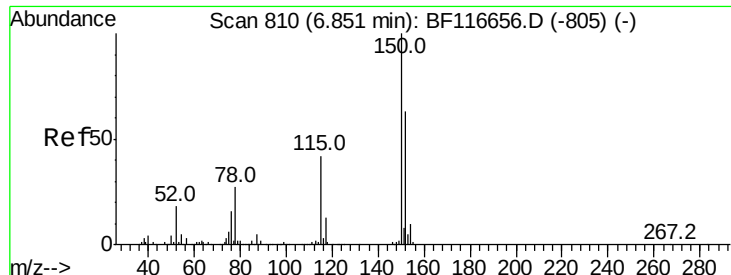
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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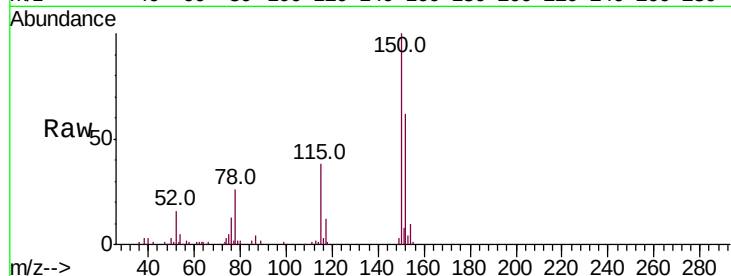


#1

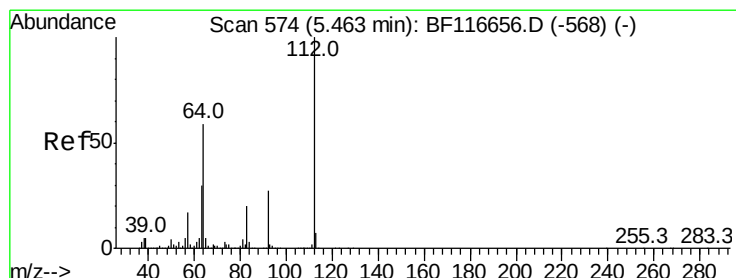
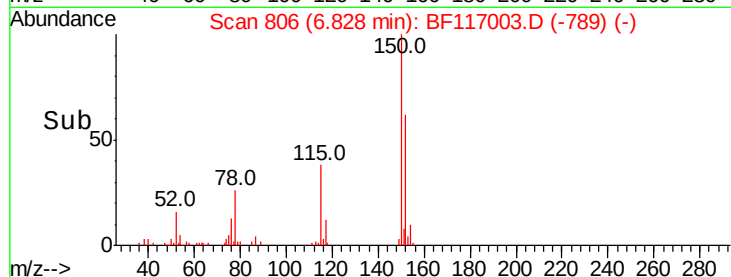
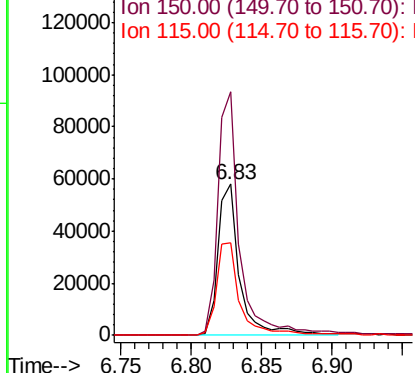
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF117003.D
Acq: 12 Sep 2019 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62559
Ion Ratio Lower Upper
152 100
150 161.0 126.2 189.2
115 61.5 50.2 75.2



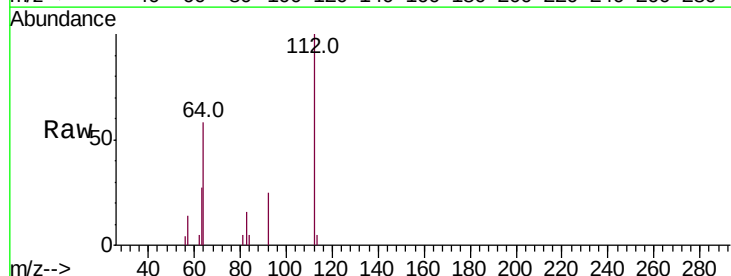
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



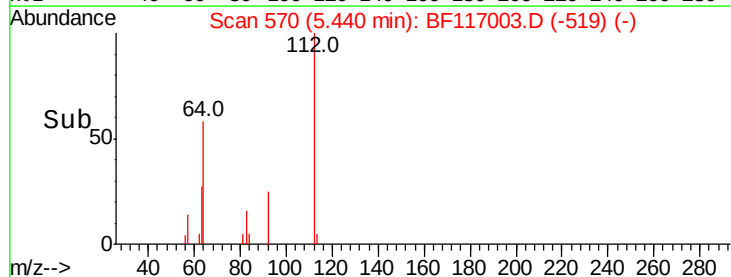
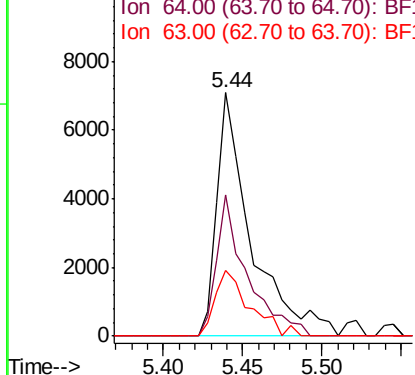
#5

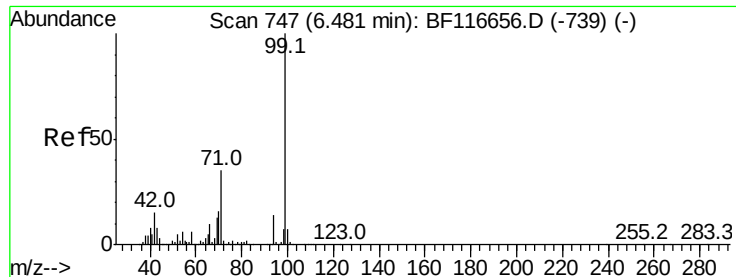
2-Fluorophenol
Concen: 2.753 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117003.D
Acq: 12 Sep 2019 20:17

Tgt Ion:112 Resp: 10629
Ion Ratio Lower Upper
112 100
64 57.8 47.1 70.7
63 26.7 25.4 38.0



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: 3.124 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF117003.D

Acq: 12 Sep 2019 20:17

Instrument :

BNA_F

ClientSampleId :

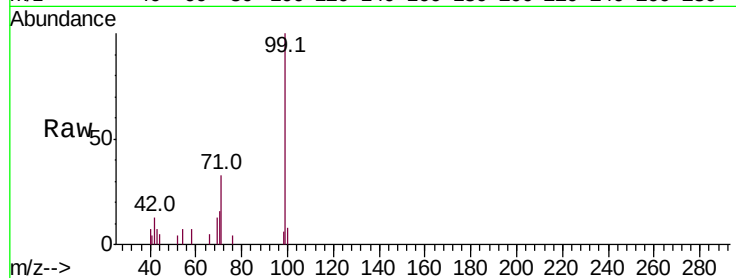
Tot Ion: 99 Resp: 15840

Ion Ratio Lower Upper

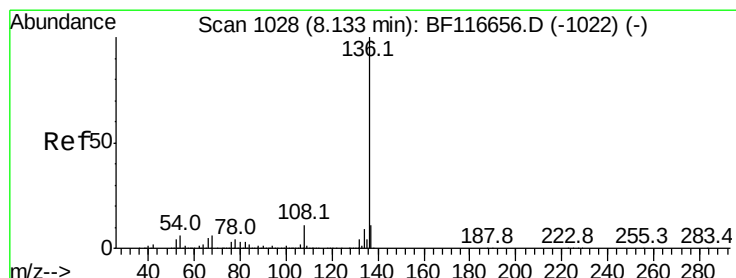
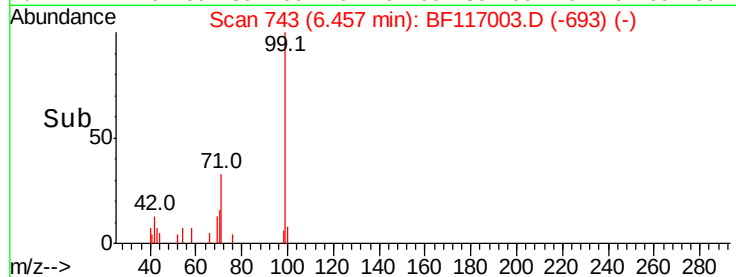
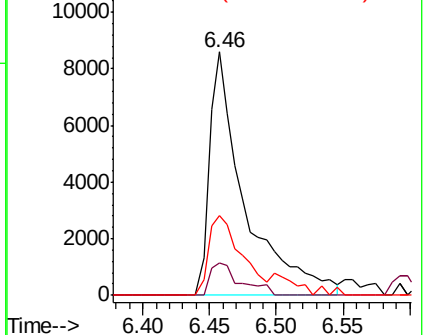
99 100

42 13.3 12.0 18.0

71 32.9 29.7 44.5



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF117003.D

Acq: 12 Sep 2019 20:17

Tgt Ion: 136 Resp: 284455

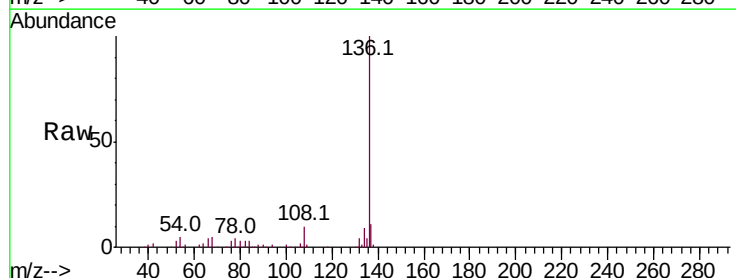
Ion Ratio Lower Upper

136 100

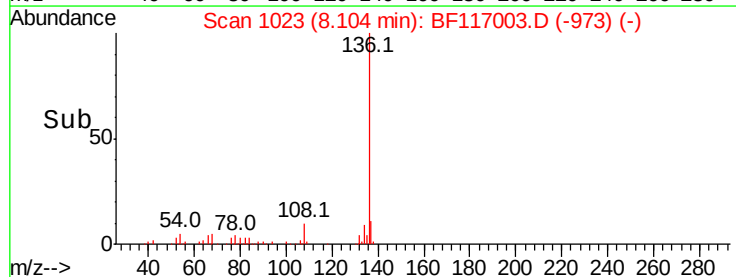
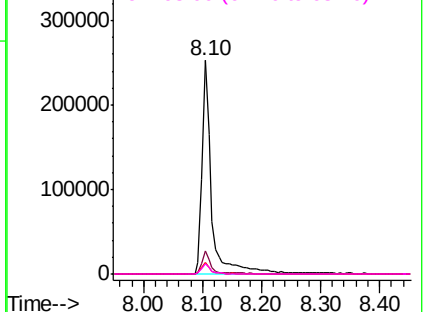
137 10.6 8.5 12.7

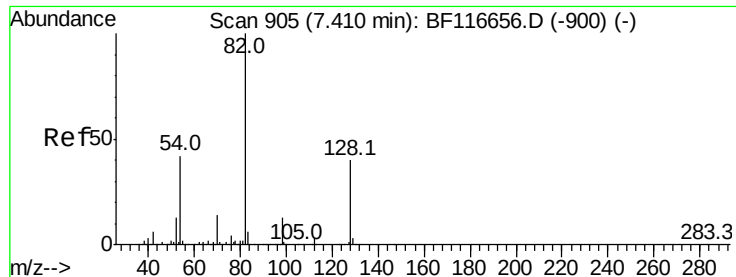
54 5.3 3.8 5.8

68 4.7 3.6 5.4



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

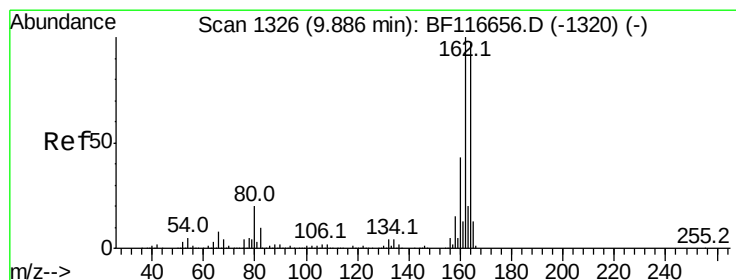
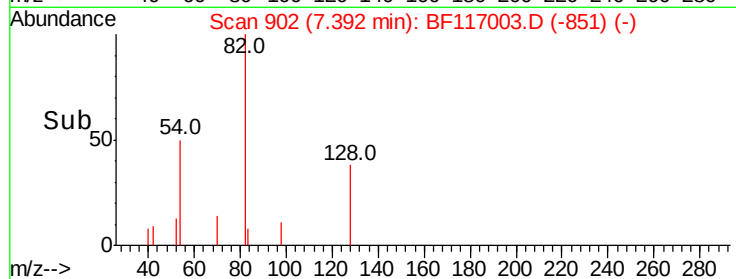
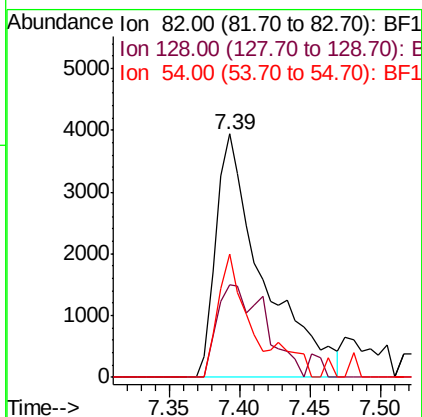
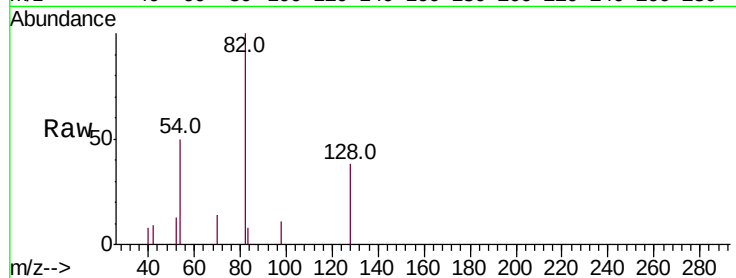




#23
Nitrobenzene-d5
Concen: 1.829 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF117003.D
Acq: 12 Sep 2019 20:17

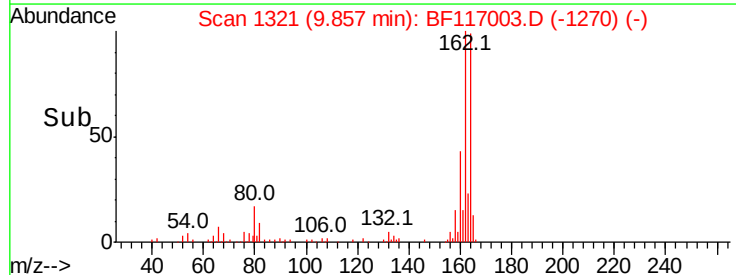
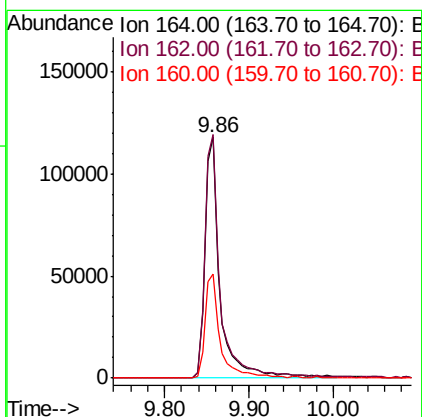
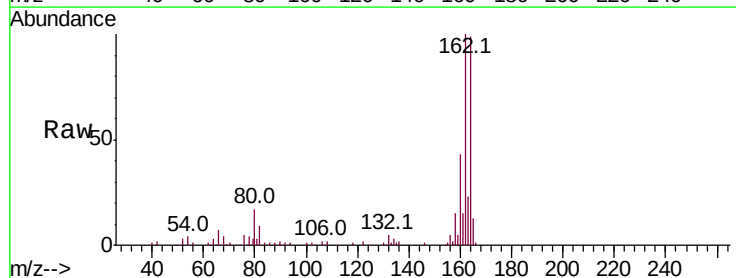
Instrument :
BNA_F
ClientSampleId :

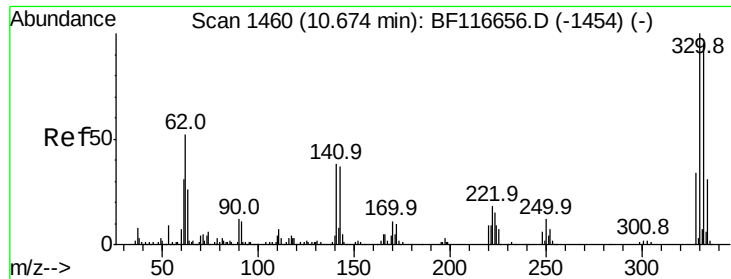
Tot Ion: 82 Resp: 9114
Ion Ratio Lower Upper
82 100
128 38.1 35.0 52.4
54 50.4 32.6 48.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117003.D
Acq: 12 Sep 2019 20:17

Tgt Ion: 164 Resp: 147099
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.6
160 43.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 3.098 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117003.D

Acq: 12 Sep 2019 20:17

Instrument :

BNA_F

ClientSampled :

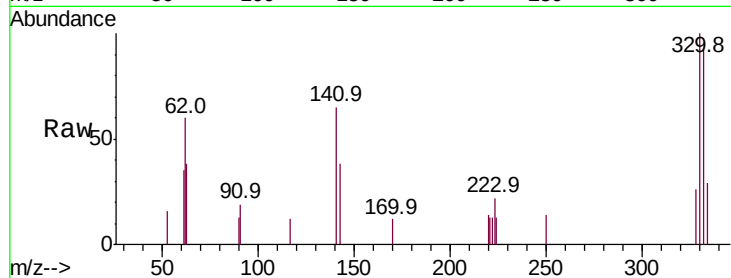
Tot Ion:330 Resp: 3047

Ion Ratio Lower Upper

330 100

332 106.9 75.9 113.9

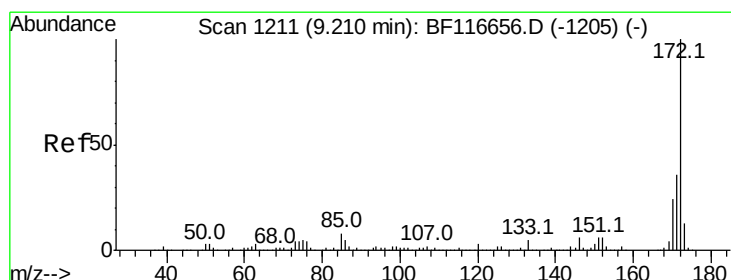
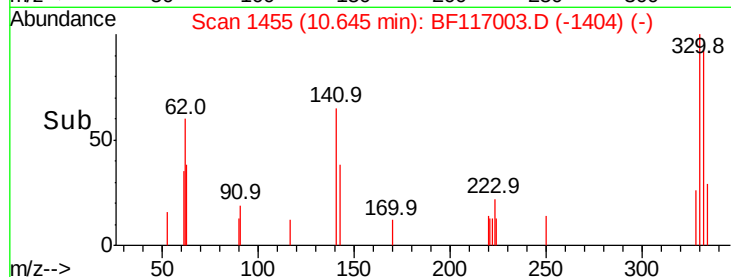
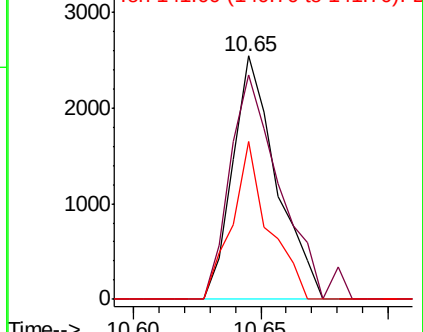
141 54.2 35.6 53.4#



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: 2.638 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF117003.D

Acq: 12 Sep 2019 20:17

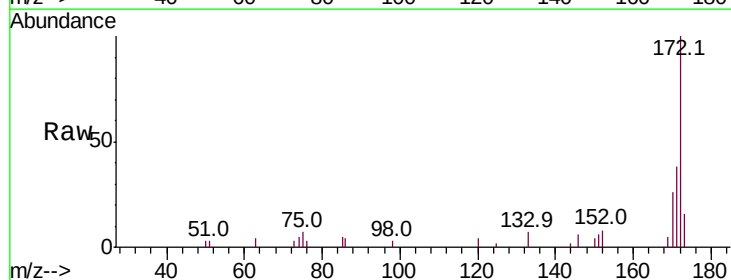
Tgt Ion:172 Resp: 23000

Ion Ratio Lower Upper

172 100

171 37.7 29.1 43.7

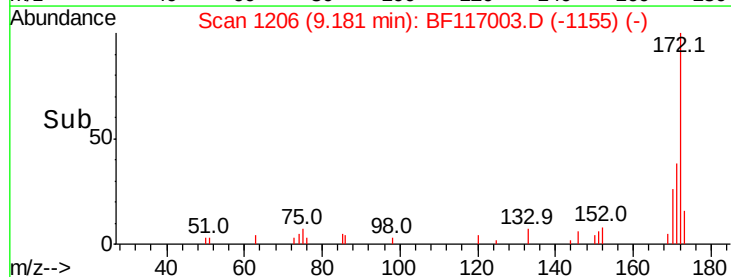
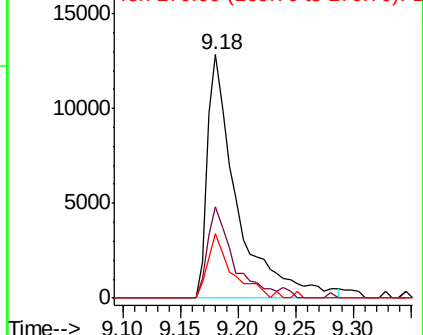
170 26.4 19.2 28.8

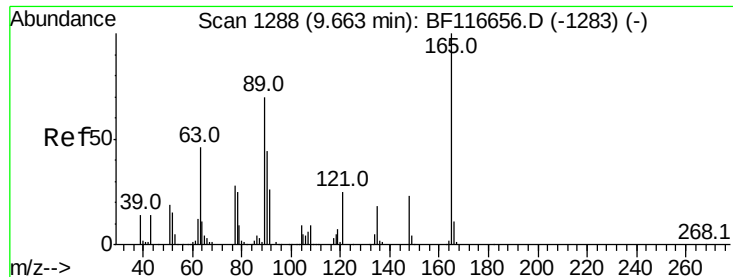


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

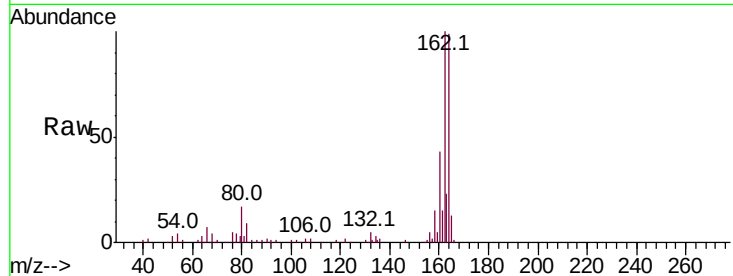




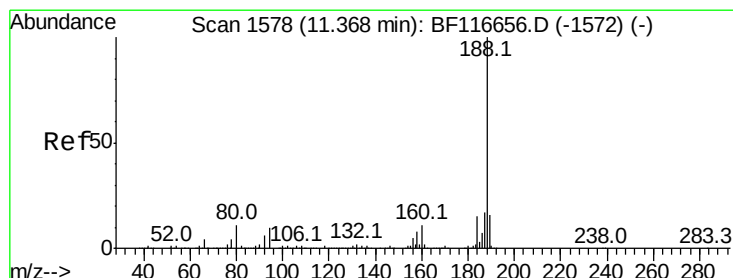
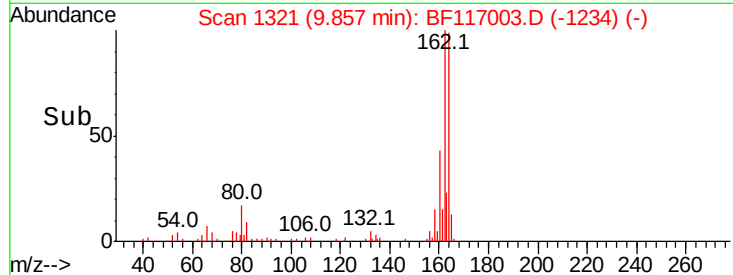
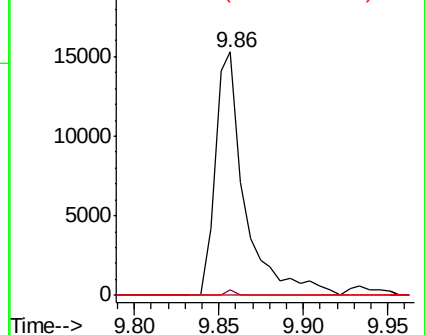
#51
 2,6-Dinitrotoluene
 Concen: 9.588 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.21 min
 Lab File: BF117003.D
 Acq: 12 Sep 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	38.0	57.0#
89	0.0	44.1	66.1#

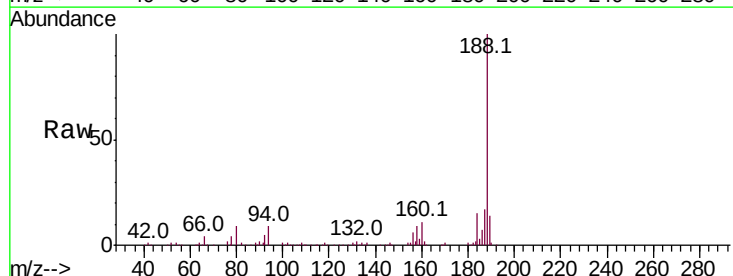


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

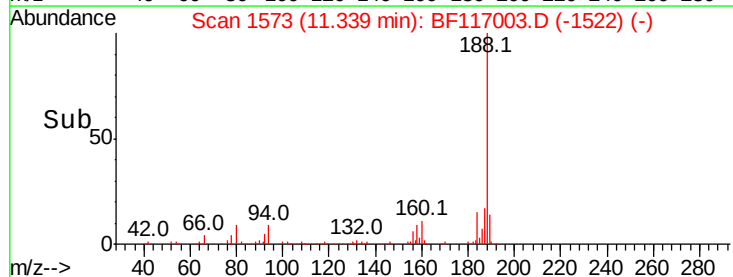
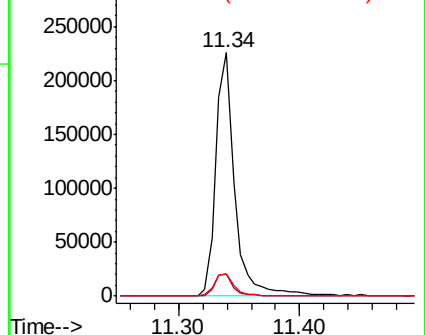


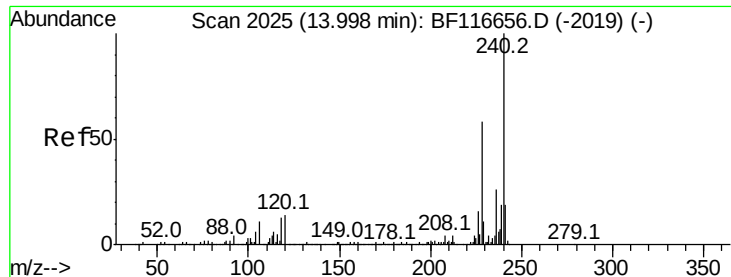
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF117003.D
 Acq: 12 Sep 2019 20:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	9.4	8.5	12.7



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

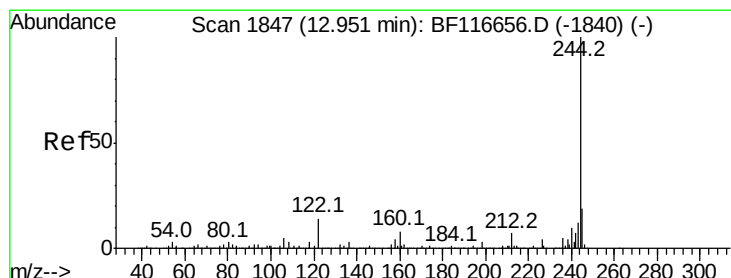
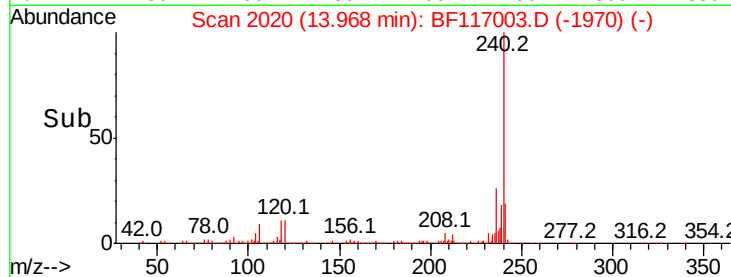
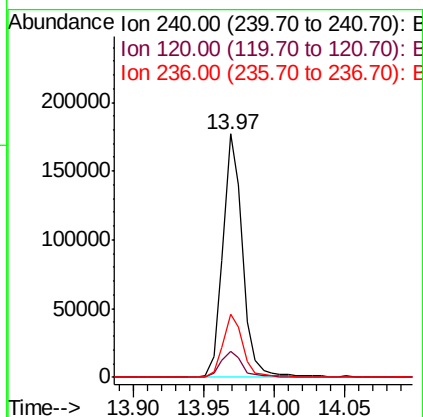
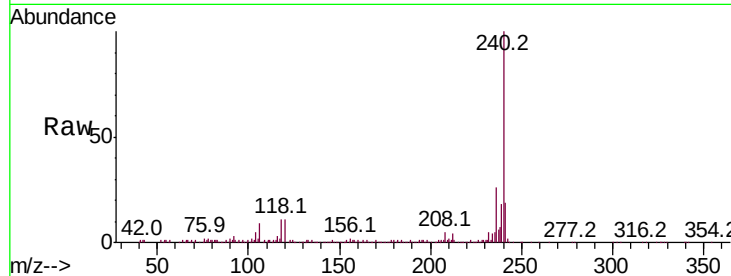




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117003.D
 Acq: 12 Sep 2019 20:17

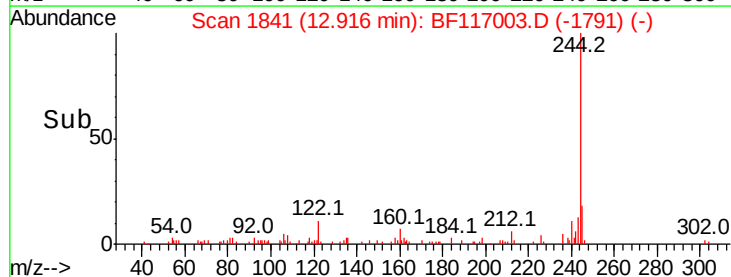
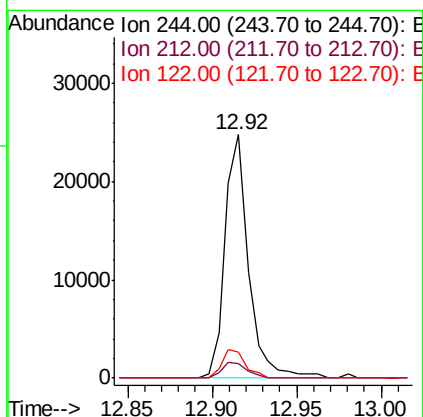
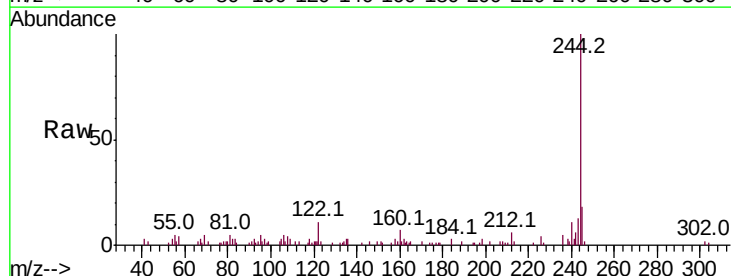
Instrument :
 BNA_F
 ClientSampleId :

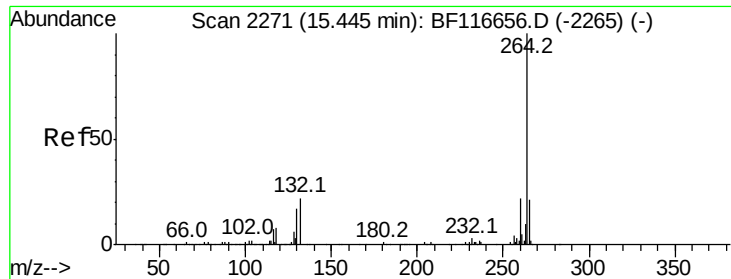
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.1	13.7
236	25.9	20.9	31.3



#79
 Terphenyl-d14
 Concen: 2.571 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF117003.D
 Acq: 12 Sep 2019 20:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.7	8.5
122	10.6	11.5	17.3#

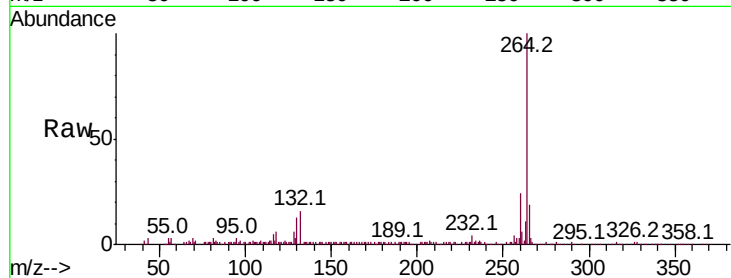




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF117003.D
 Acq: 12 Sep 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	19.0	17.9	26.9



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

