

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116954.D
 Acq On : 11 Sep 2019 18:54
 Operator : HP/JU
 Sample : K4786-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Sep 12 07:19:24 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

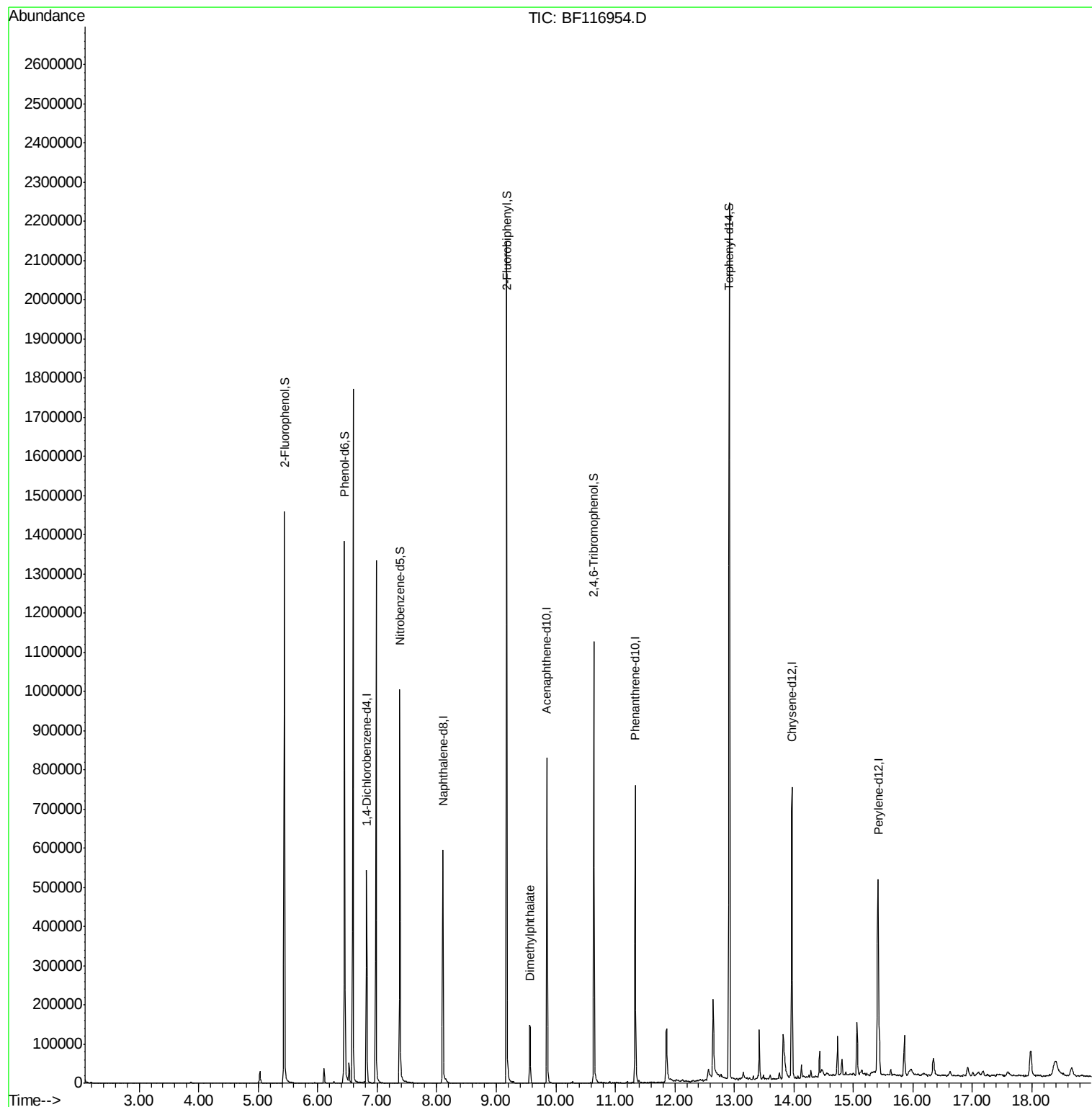
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75650	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	311792	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	167703	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	288881	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	238760	20.00	ng	-0.02
87) Perylene-d12	15.42	264	236782	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	406065	86.96	ng	-0.01
7) Phenol-d6	6.46	99	556123	90.70	ng	-0.02
23) Nitrobenzene-d5	7.38	82	341779	62.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	120002	107.04	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	638510	64.23	ng	-0.02
79) Terphenyl-d14	12.92	244	713241	55.26	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.57	163	67272	5.810	ng	Qvalue 97

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

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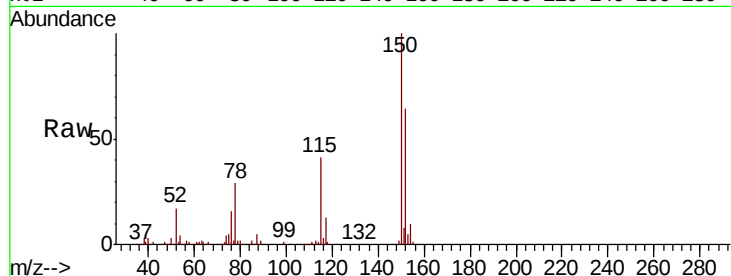


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116954.D
Acq: 11 Sep 2019 18:54

Instrument :
BNA_F
ClientSampleId :
TP2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.4	186.6
115	64.4	49.9	74.9

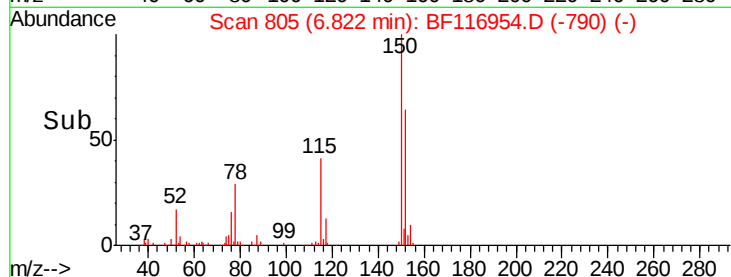
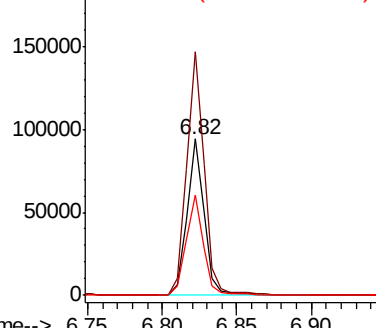


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

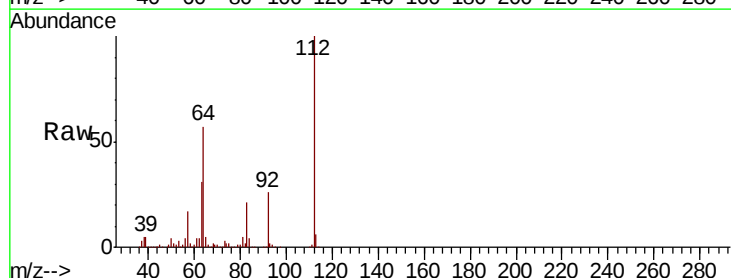
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.959 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF116954.D
Acq: 11 Sep 2019 18:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.1	70.7
63	31.0	24.9	37.3

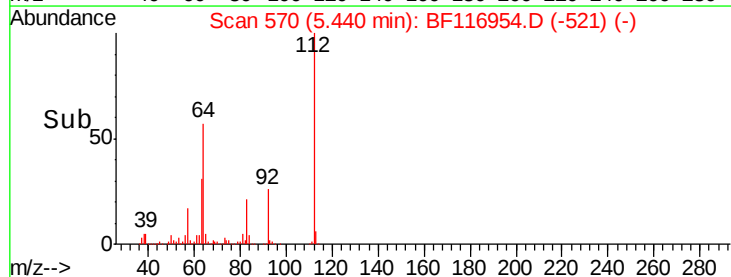
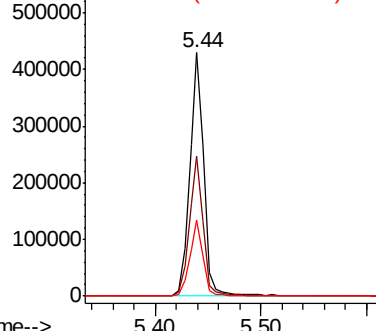


Abundance

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: 90.697 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF116954.D

Acq: 11 Sep 2019 18:54

Instrument :

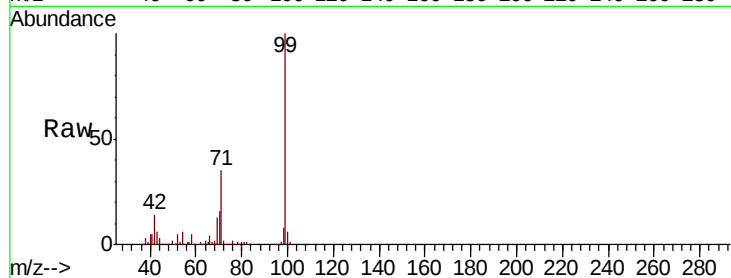
BNA_F

ClientSampleId :

TP2

Tot Ion: 99 Resp: 556123

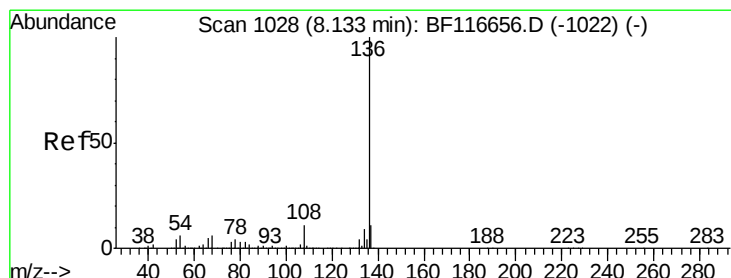
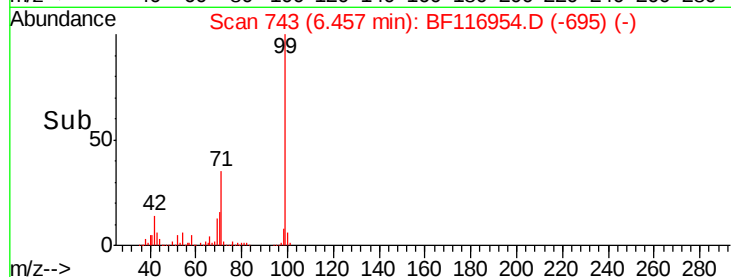
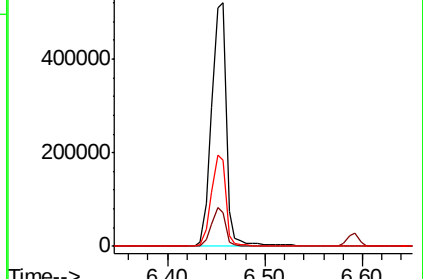
Ion	Ratio	Lower	Upper
99	100		
42	13.6	13.7	20.5#
71	35.2	30.8	46.2



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

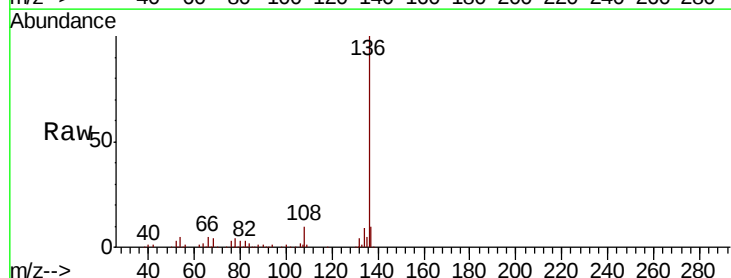
Delta R.T. -0.02 min

Lab File: BF116954.D

Acq: 11 Sep 2019 18:54

Tgt Ion: 136 Resp: 311792

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	4.7	4.8	7.2#
68	4.1	4.0	6.0

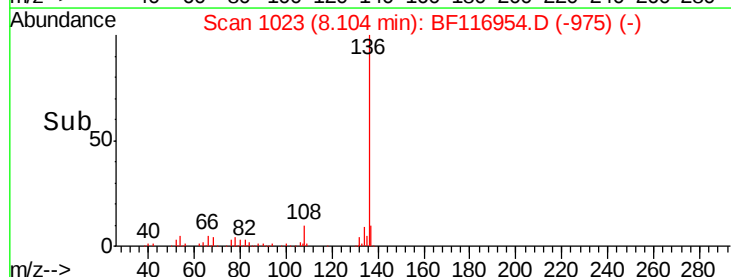
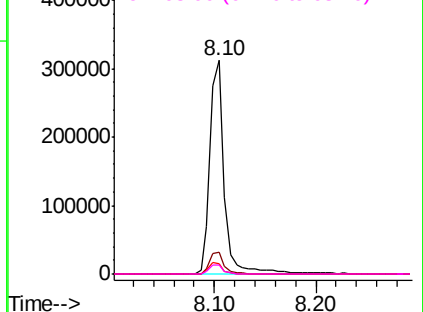


Abundance Ion 136.00 (135.70 to 136.70): E

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

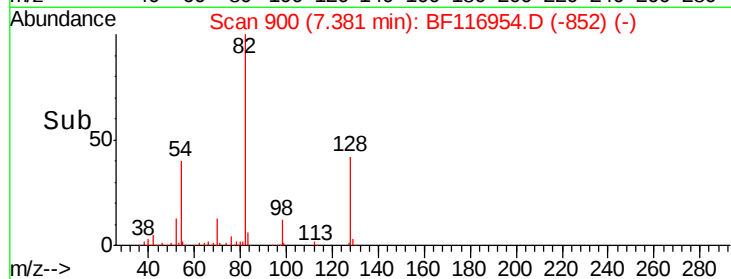
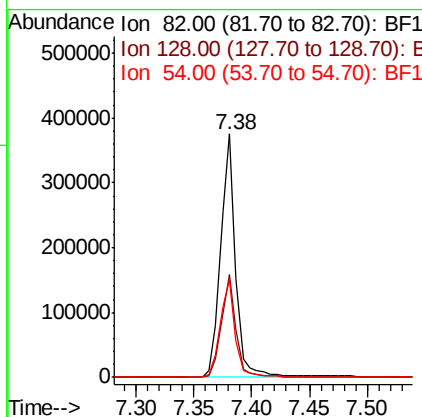
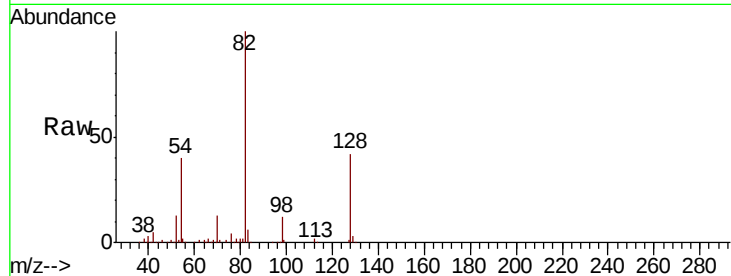




#23
 Nitrobenzene-d5
 Concen: 62.578 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF116954.D
 Acq: 11 Sep 2019 18:54

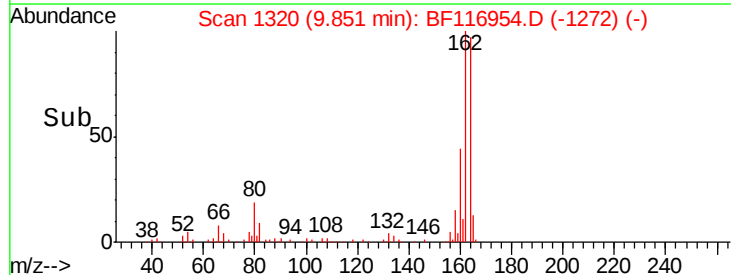
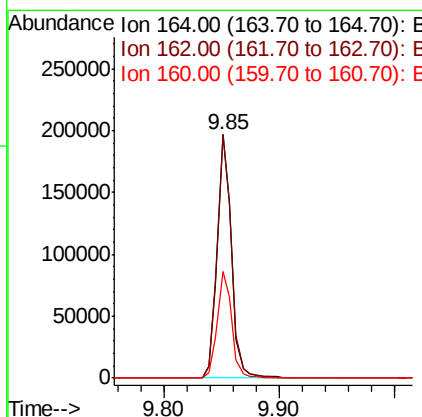
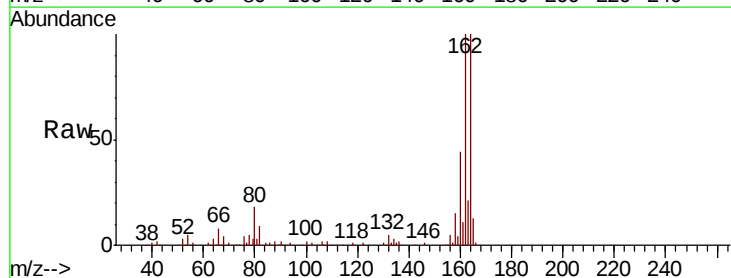
Instrument :
 BNA_F
 ClientSampleId :
 TP2

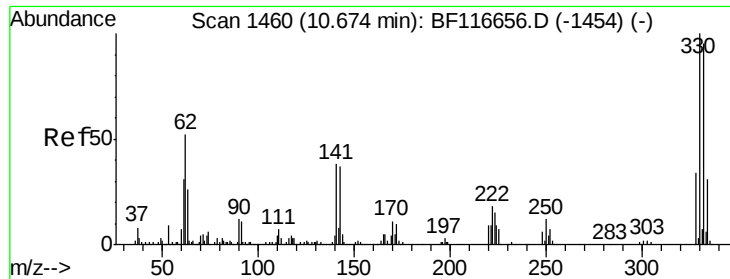
Tot Ion	82	Resp	341779
Ion Ratio	Lower	Upper	
82	100		
128	42.0	32.8	49.2
54	39.9	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF116954.D
 Acq: 11 Sep 2019 18:54

Tgt Ion	164	Resp	167703
Ion Ratio	Lower	Upper	
164	100		
162	100.0	81.4	122.0
160	43.9	35.4	53.2

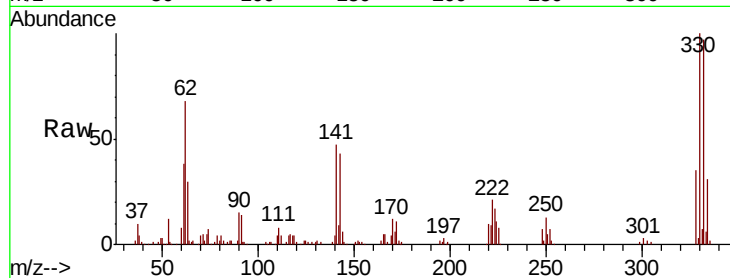




#42
 2,4,6-Tribromophenol
 Concen: 107.037 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF116954.D
 Acq: 11 Sep 2019 18:54

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	44.9	31.4	47.2

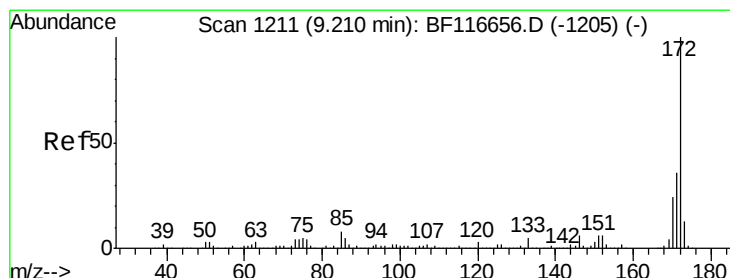
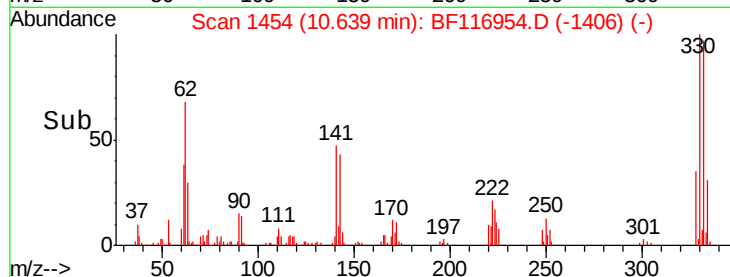
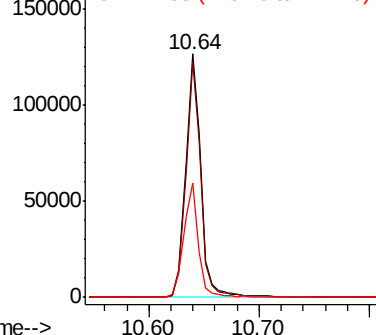


Abundance

Ion 329.80 (329.50 to 330.50): E

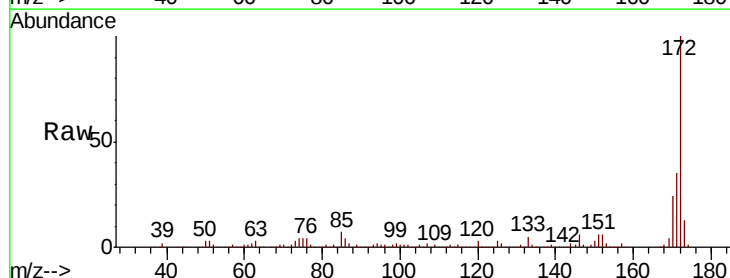
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.227 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF116954.D
 Acq: 11 Sep 2019 18:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	24.2	18.9	28.3

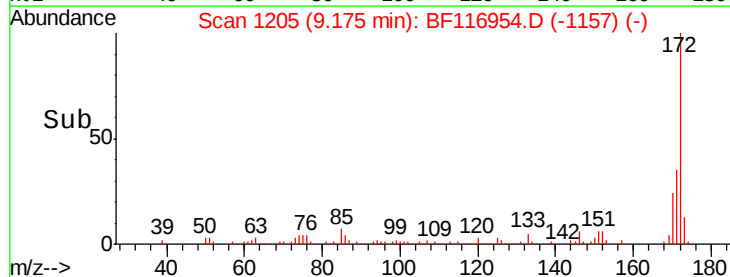
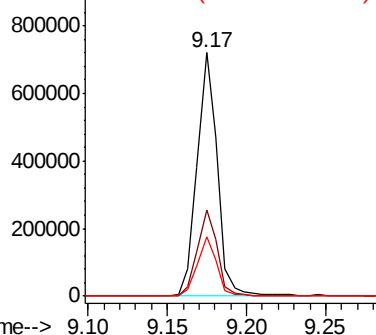


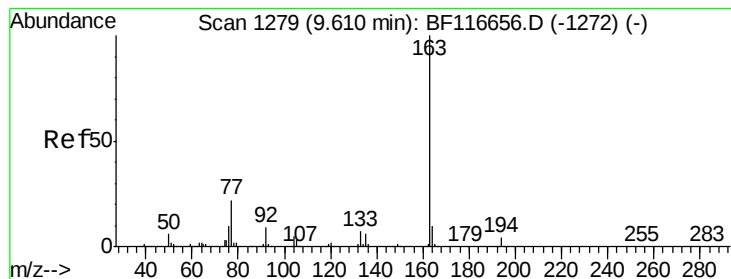
Abundance

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: 5.810 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF116954.D

Acq: 11 Sep 2019 18:54

Instrument :

BNA_F

ClientSampleId :

TP2

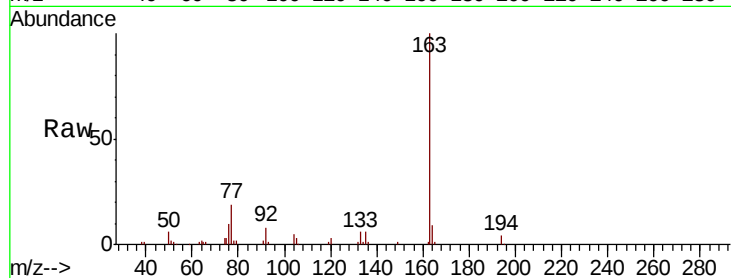
Tot Ion:163 Resp: 67272

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

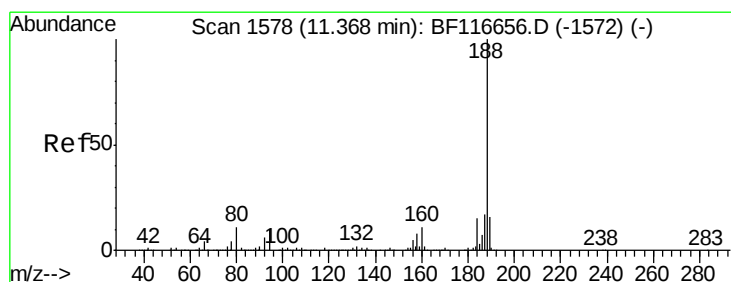
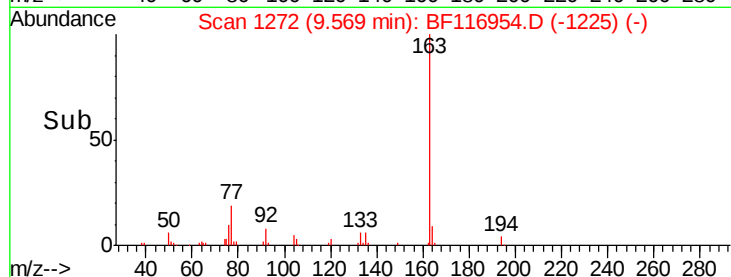
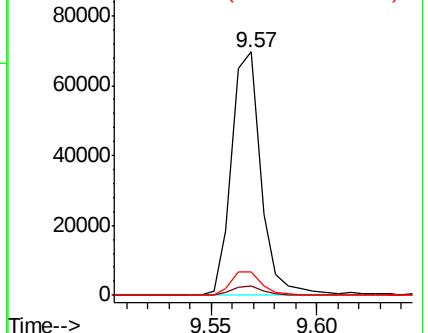
164 9.4 8.6 12.8



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: BF116954.D

Acq: 11 Sep 2019 18:54

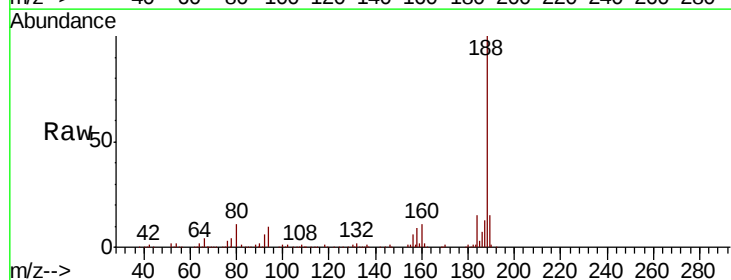
Tgt Ion:188 Resp: 288881

Ion Ratio Lower Upper

188 100

94 9.7 7.3 10.9

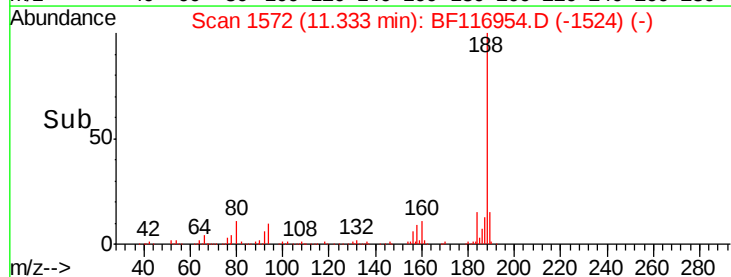
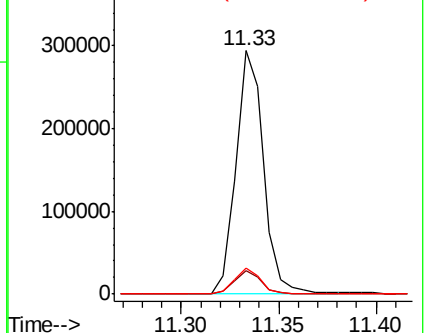
80 10.5 8.4 12.6



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: BF116954.D

Acq: 11 Sep 2019 18:54

Instrument :

BNA_F

ClientSampleId :

TP2

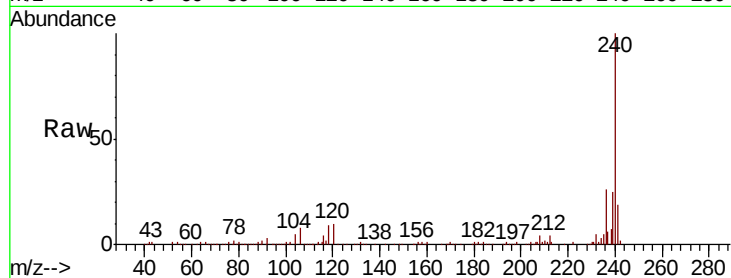
Tot Ion:240 Resp: 238760

Ion Ratio Lower Upper

240 100

120 10.1 9.1 13.7

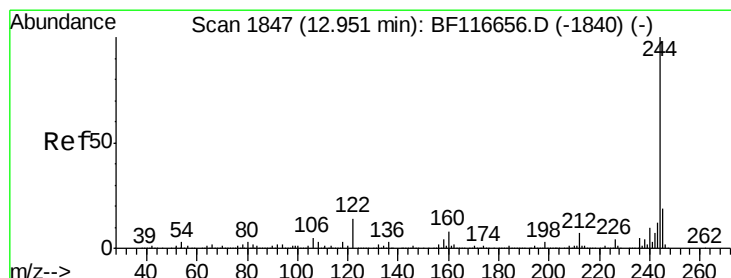
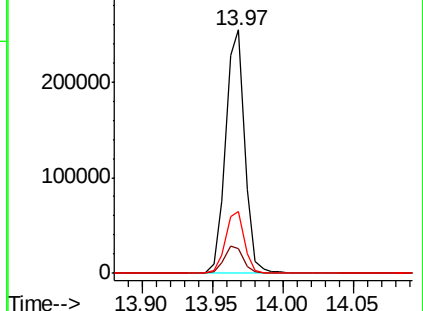
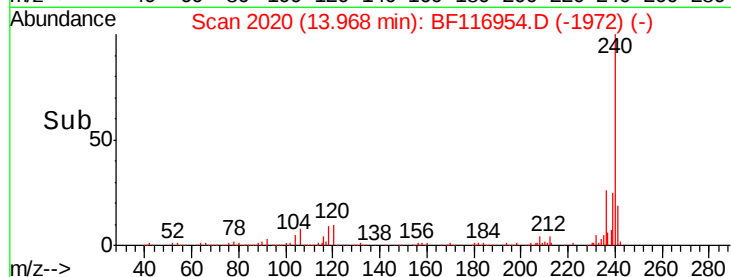
236 25.5 21.1 31.7



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



#79

Terphenyl-d14

Concen: 55.263 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.02 min

Lab File: BF116954.D

Acq: 11 Sep 2019 18:54

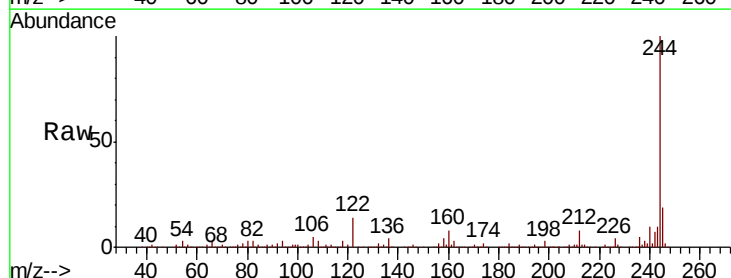
Tgt Ion:244 Resp: 713241

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

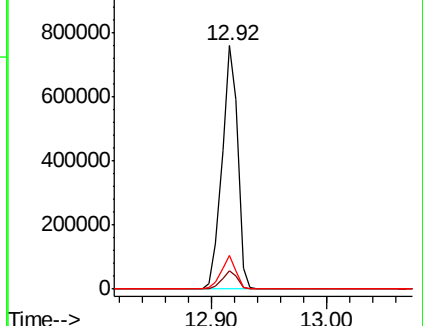
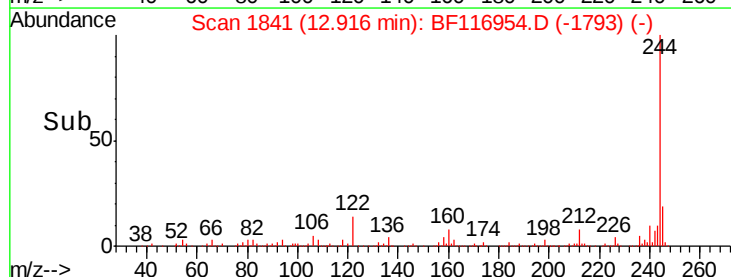
122 14.0 10.2 15.4

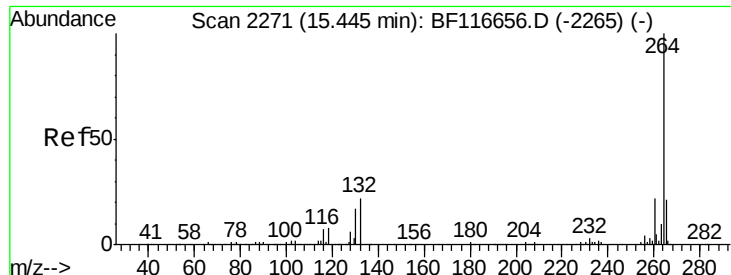


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

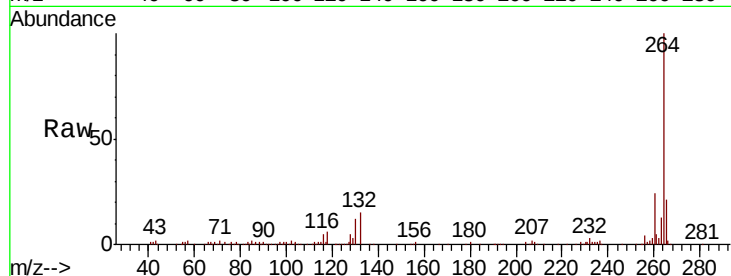




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BF116954.D
 Acq: 11 Sep 2019 18:54

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.2	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

