

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116802.D
 Acq On : 4 Sep 2019 5:27
 Operator : HP/JU
 Sample : K4643-39
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T11-D1-D4-(0-4)

Quant Time: Sep 04 07:55:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

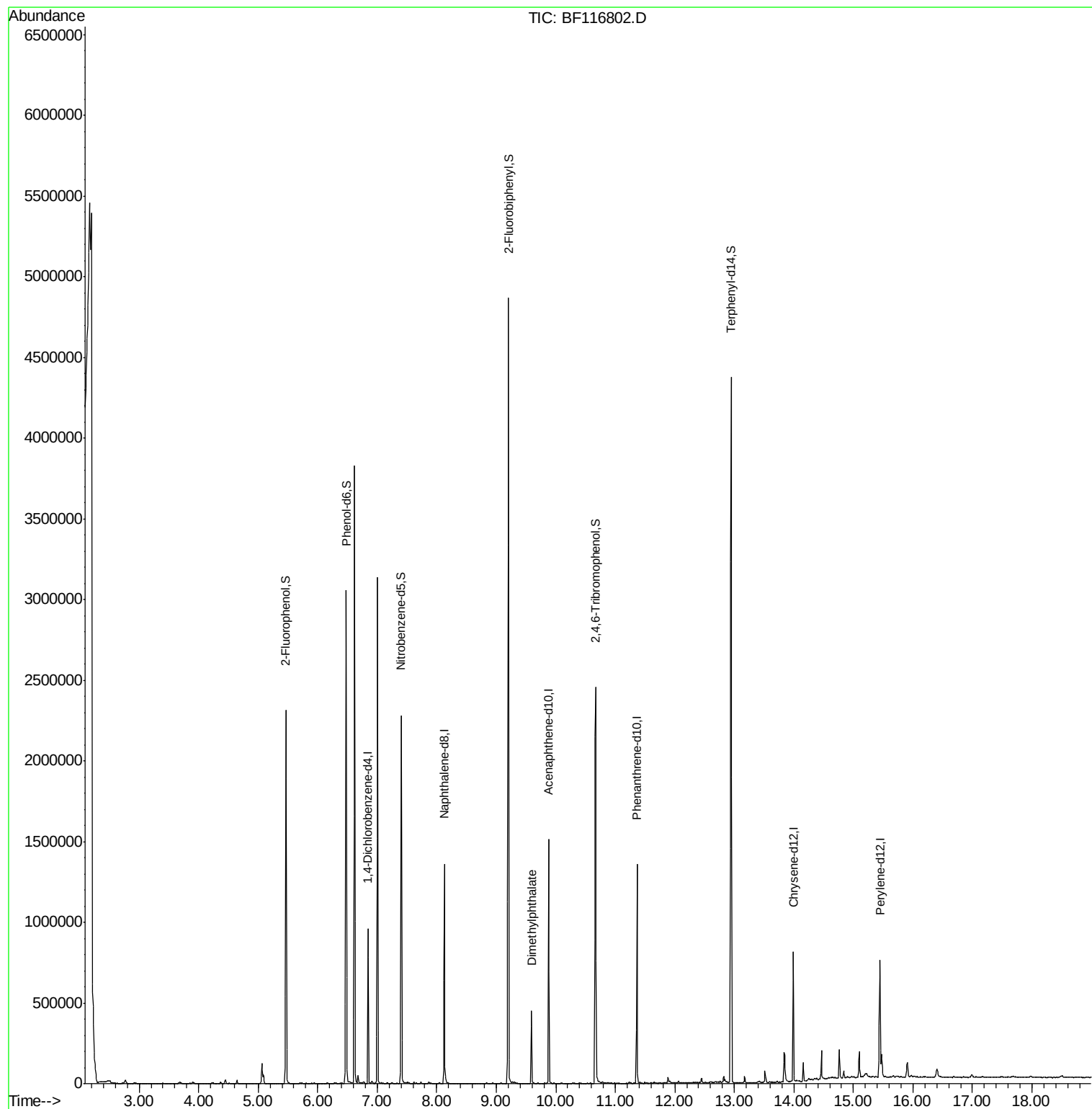
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140280	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	544463	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	282637	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	467086	20.00	ng	0.00
76) Chrysene-d12	13.99	240	245383	20.00	ng	0.00
87) Perylene-d12	15.44	264	317000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	692627	79.99	ng	0.00
7) Phenol-d6	6.48	99	1180464	103.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	878835	92.15	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	277996	147.13	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1462273	87.27	ng	0.00
79) Terphenyl-d14	12.94	244	1406121	106.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	177170	9.080	ng	Qvalue 98

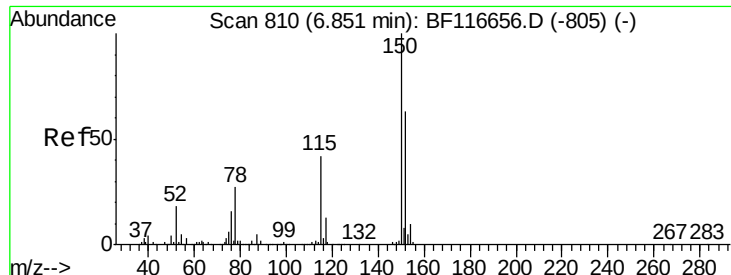
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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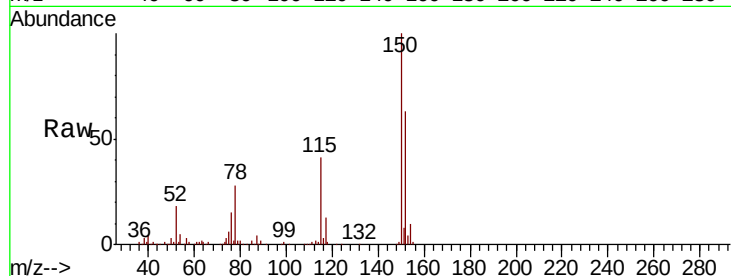


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Instrument :
BNA_F
ClientSampleId :
T11-D1-D4-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.4	186.6
115	64.5	49.9	74.9

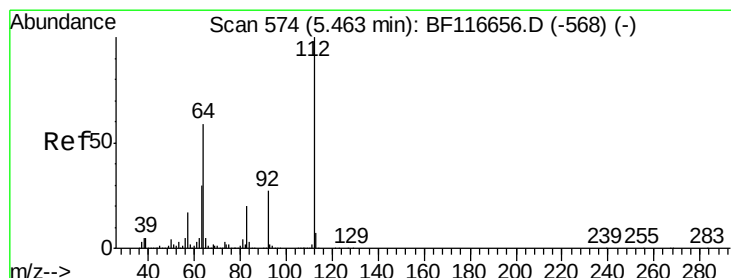
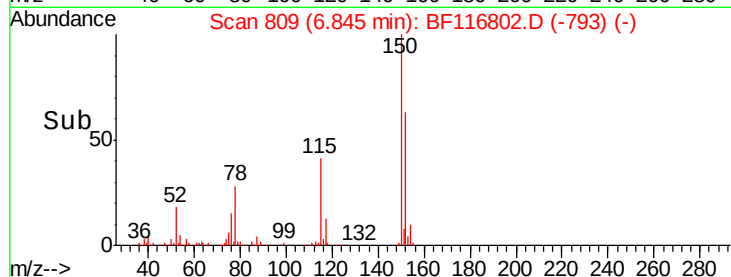
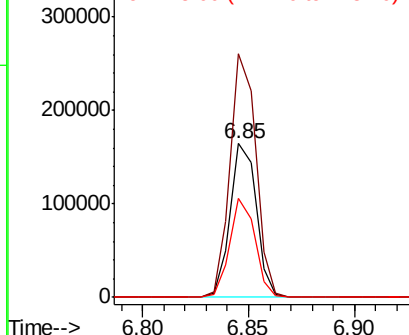


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

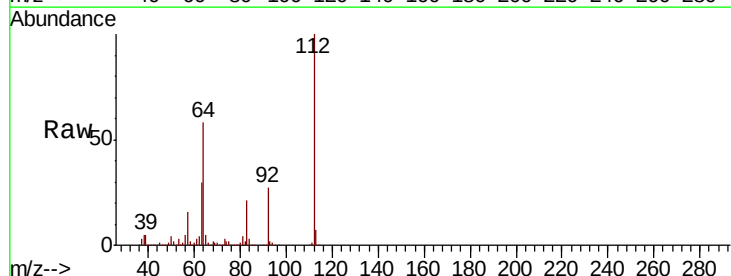
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.990 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.1	70.7
63	30.2	24.9	37.3

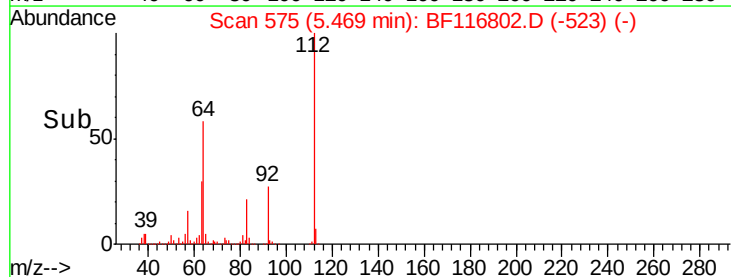
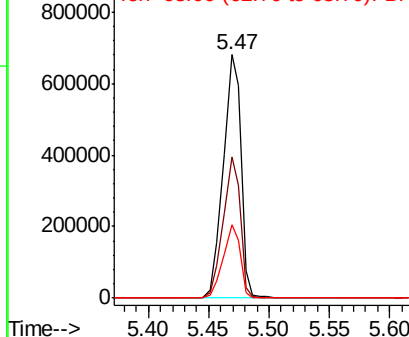


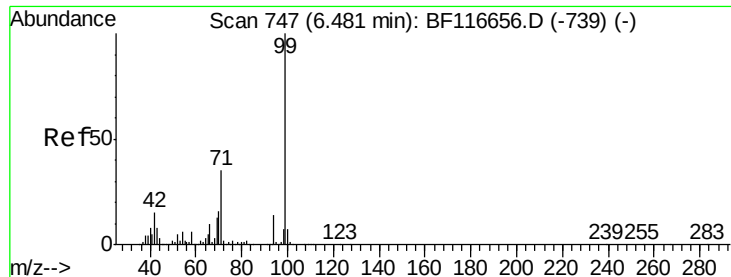
Abundance

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: 103.821 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116802.D

Acq: 4 Sep 2019 5:27

Instrument :

BNA_F

ClientSampleId :

T11-D1-D4-(0-4)

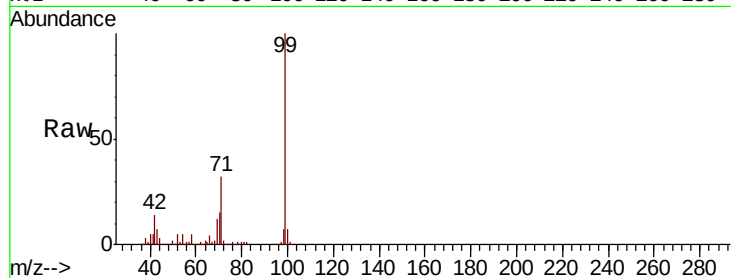
Tot Ion: 99 Resp: 1180464

Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.7	20.5
71	32.1	30.8	46.2

99 100

42 14.1 13.7 20.5

71 32.1 30.8 46.2

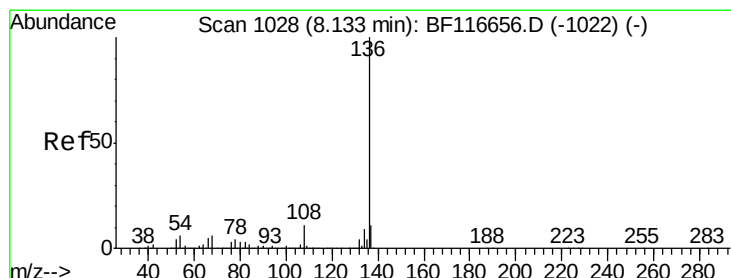
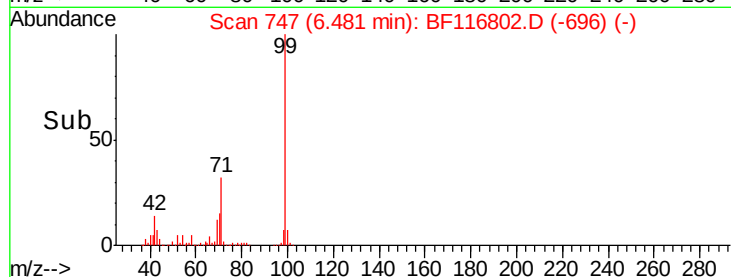
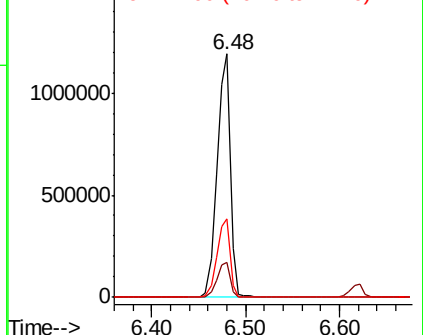


Abundance

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116802.D

Acq: 4 Sep 2019 5:27

Tgt Ion: 136 Resp: 544463

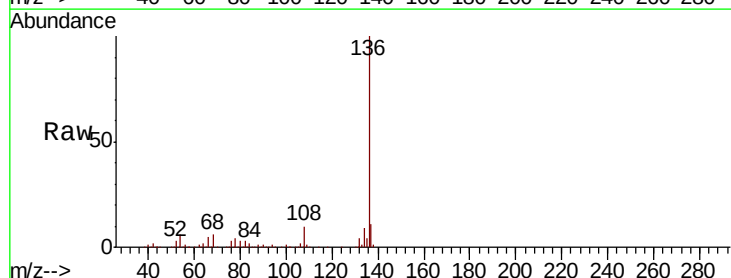
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.1	4.8	7.2
68	6.2	4.0	6.0

136 100

137 10.8 8.9 13.3

54 6.1 4.8 7.2

68 6.2 4.0 6.0#



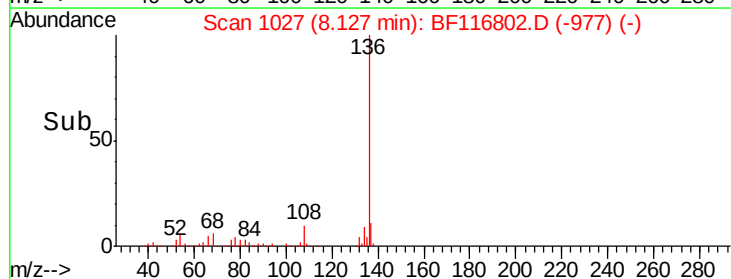
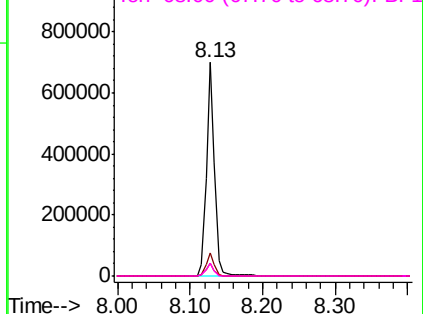
Abundance

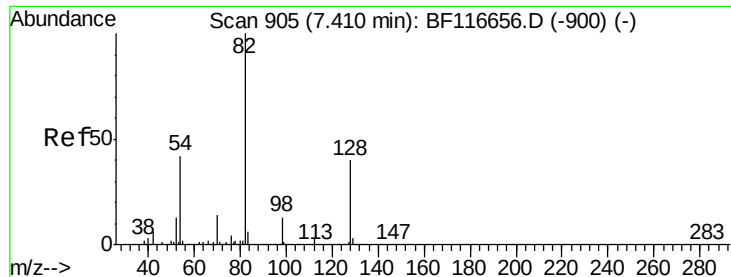
Ion 136.00 (135.70 to 136.70): E

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

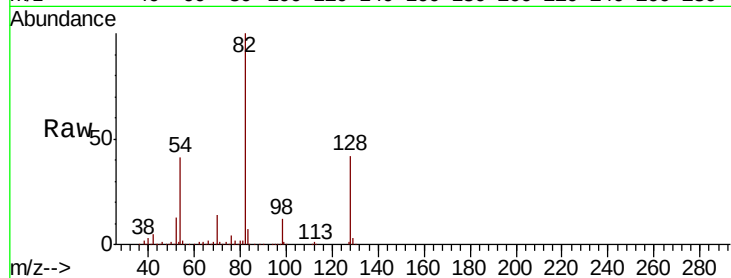




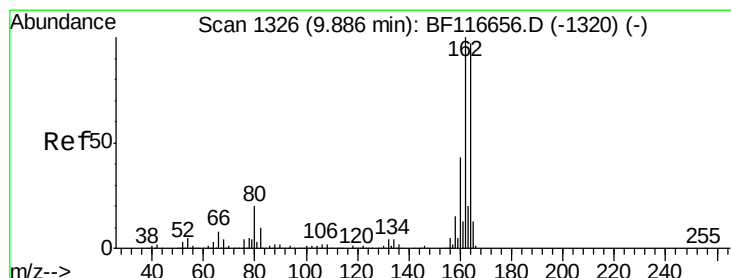
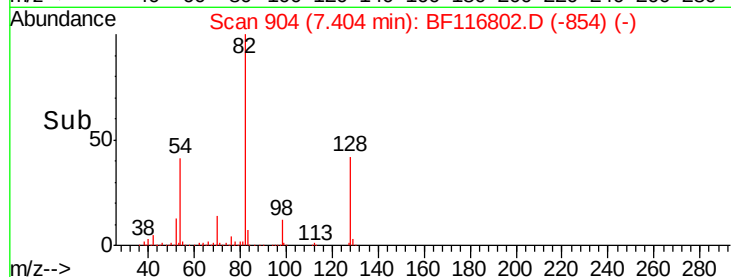
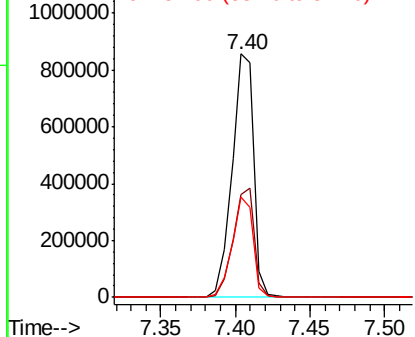
#23
Nitrobenzene-d5
Concen: 92.147 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Instrument :
BNA_F
ClientSampleId :
T11-D1-D4-(0-4)

Tot Ion	82	Resp	878835
Ion Ratio	Lower	Upper	
82	100		
128	42.3	32.8	49.2
54	41.0	36.9	55.3

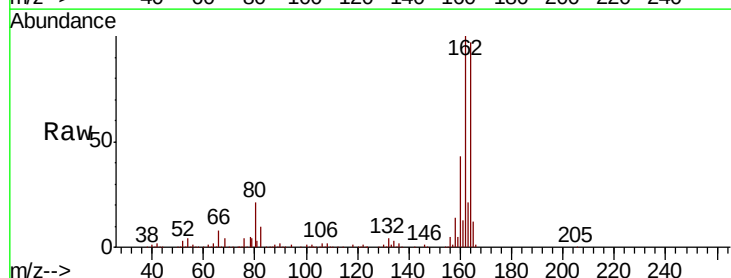


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

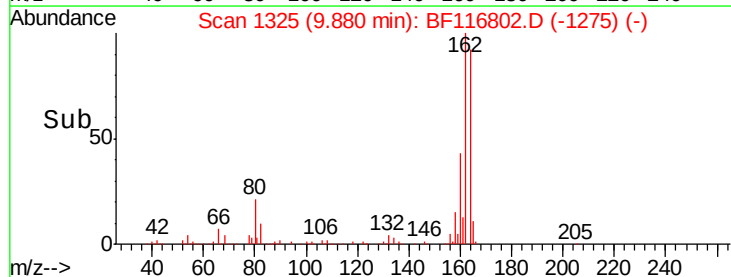
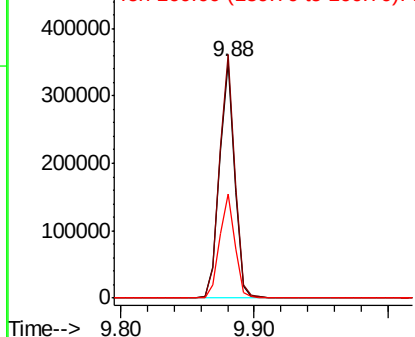


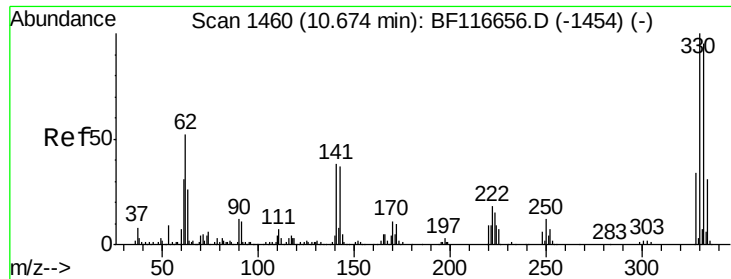
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Tgt Ion	164	Resp	282637
Ion Ratio	Lower	Upper	
164	100		
162	103.2	81.4	122.0
160	44.1	35.4	53.2



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

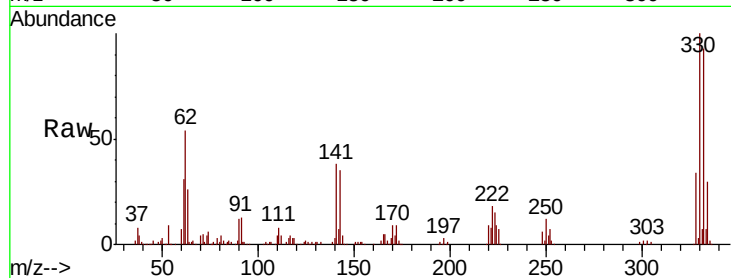




#42
 2,4,6-Tribromophenol
 Concen: 147.128 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116802.D
 Acq: 4 Sep 2019 5:27

Instrument :
 BNA_F
 ClientSampleId :
 T11-D1-D4-(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	41.7	31.4	47.2

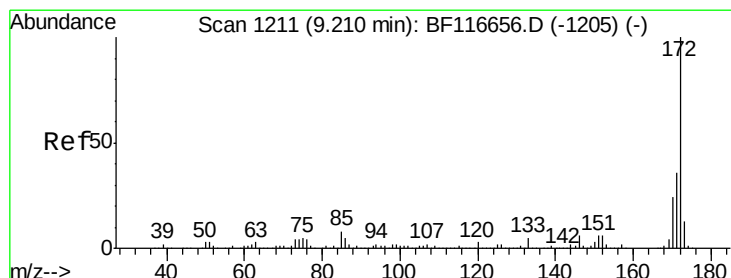
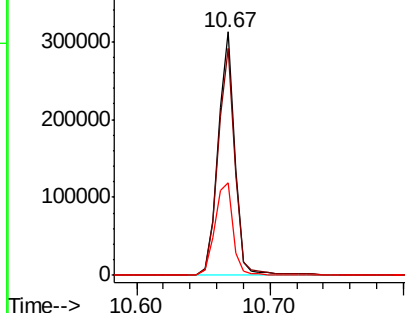
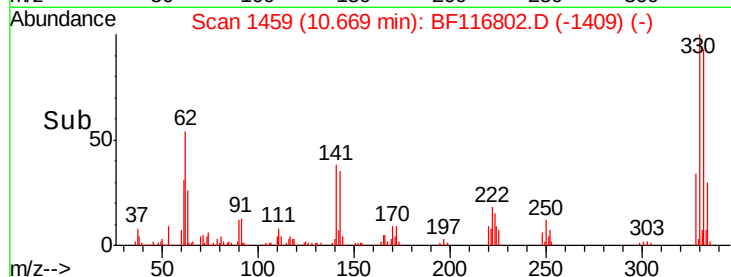


Abundance

Ion 329.80 (329.50 to 330.50): E

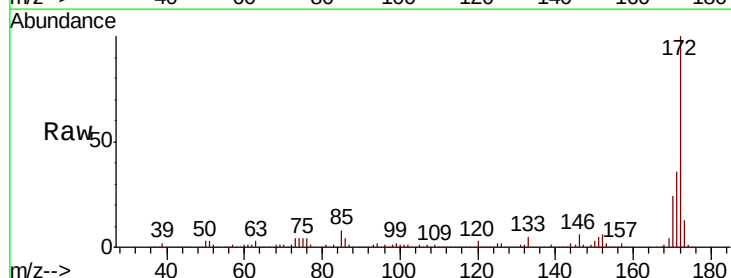
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.274 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116802.D
 Acq: 4 Sep 2019 5:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.6
170	23.9	18.9	28.3

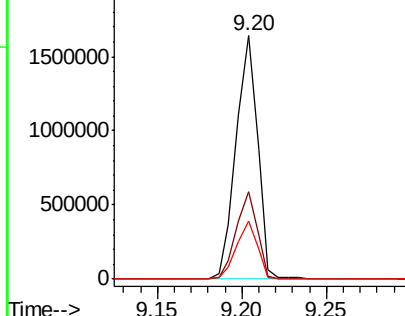
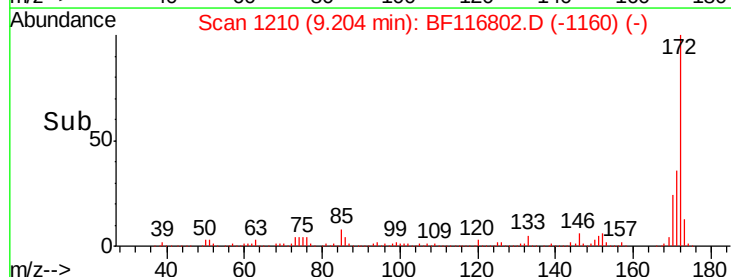


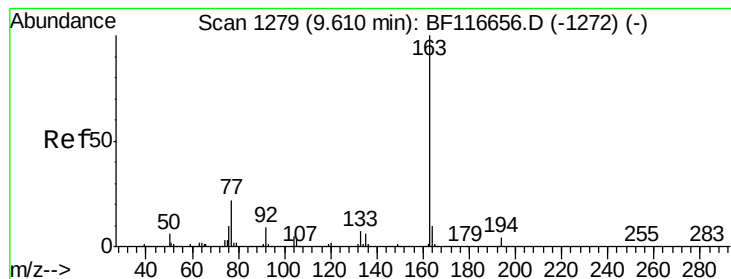
Abundance

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: 9.080 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116802.D

Acq: 4 Sep 2019 5:27

Instrument :

BNA_F

ClientSampleId :

T11-D1-D4-(0-4)

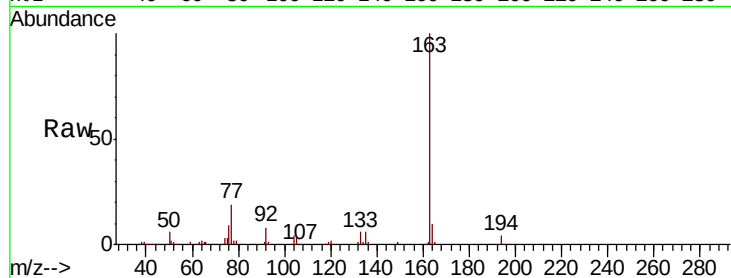
Tot Ion:163 Resp: 177170

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

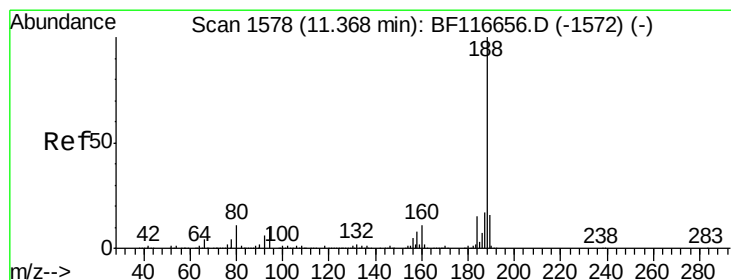
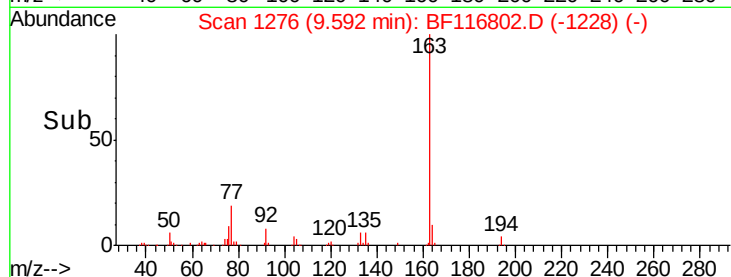
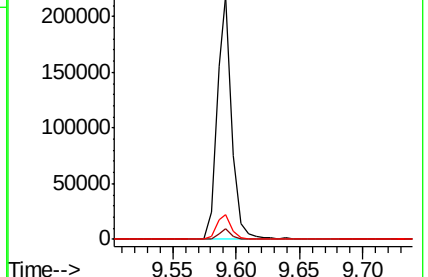
164 10.2 8.6 12.8



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116802.D

Acq: 4 Sep 2019 5:27

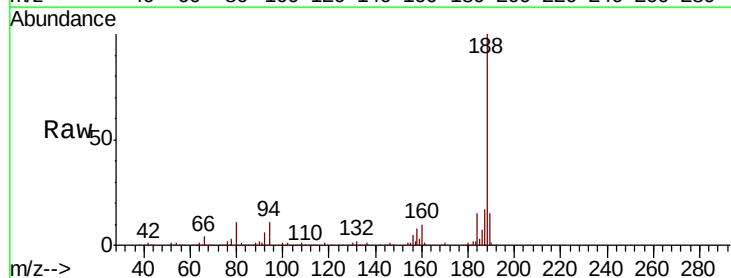
Tgt Ion:188 Resp: 467086

Ion Ratio Lower Upper

188 100

94 10.6 7.3 10.9

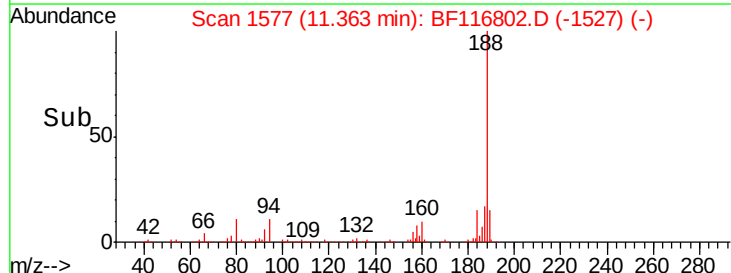
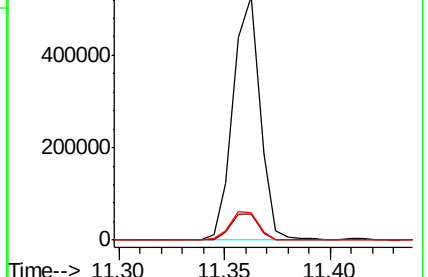
80 11.1 8.4 12.6

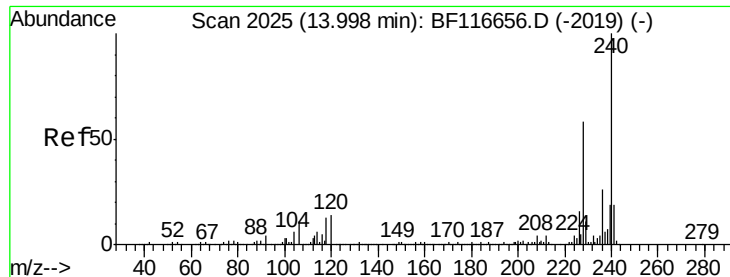


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

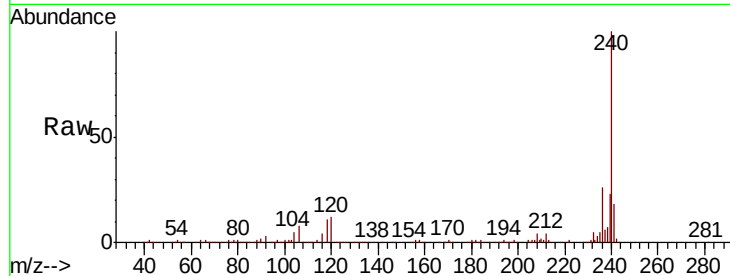




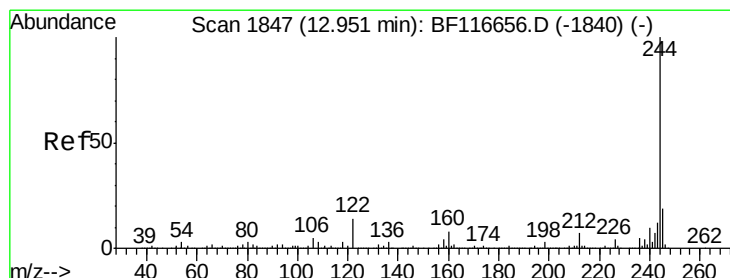
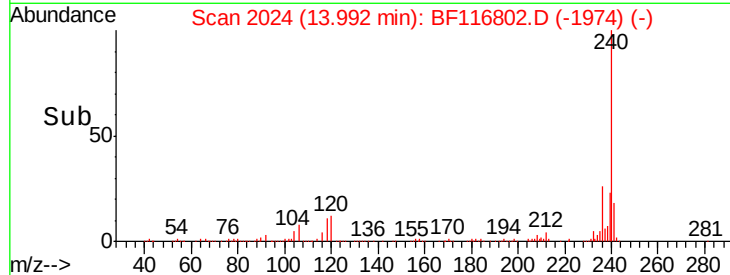
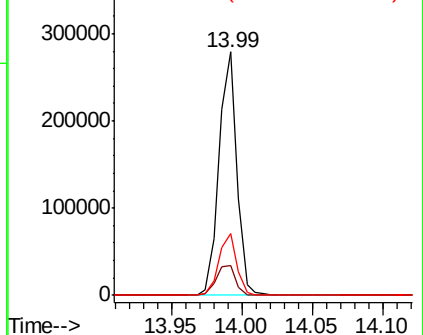
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Instrument :
BNA_F
ClientSampleId :
T11-D1-D4-(0-4)

Tot Ion:240 Resp: 245383
Ion Ratio Lower Upper
240 100
120 12.3 9.1 13.7
236 25.6 21.1 31.7

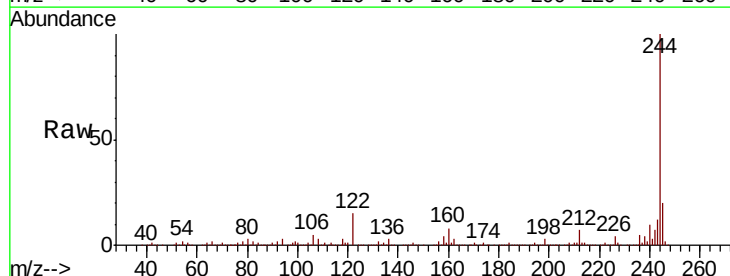


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

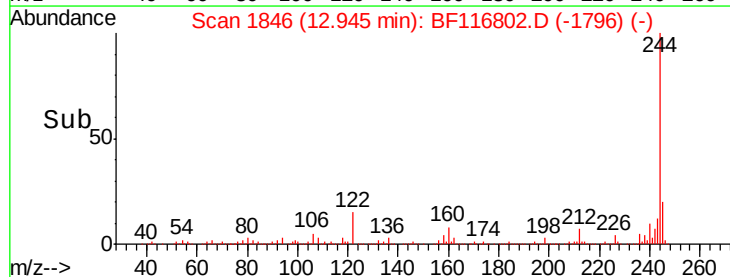
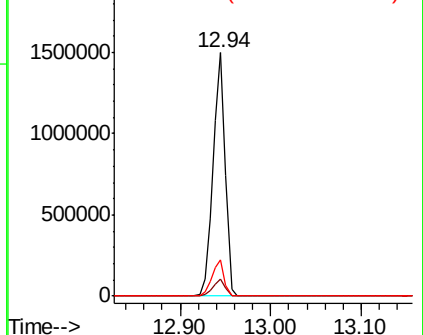


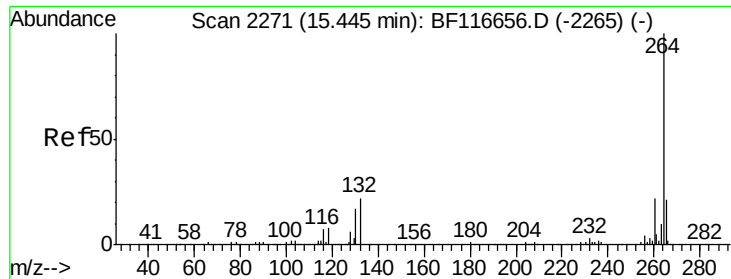
#79
Terphenyl-d14
Concen: 106.007 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Tgt Ion:244 Resp: 1406121
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 14.8 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

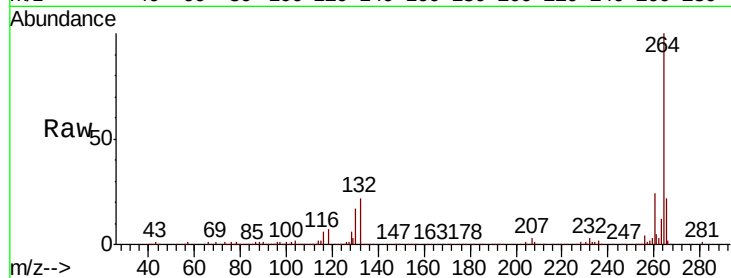




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Instrument :
BNA_F
ClientSampleId :
T11-D1-D4-(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	21.7	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

