

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116803.D
 Acq On : 4 Sep 2019 5:54
 Operator : HP/JU
 Sample : K4644-24
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T11-E1-E4-(0-4)

Quant Time: Sep 04 07:59:20 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

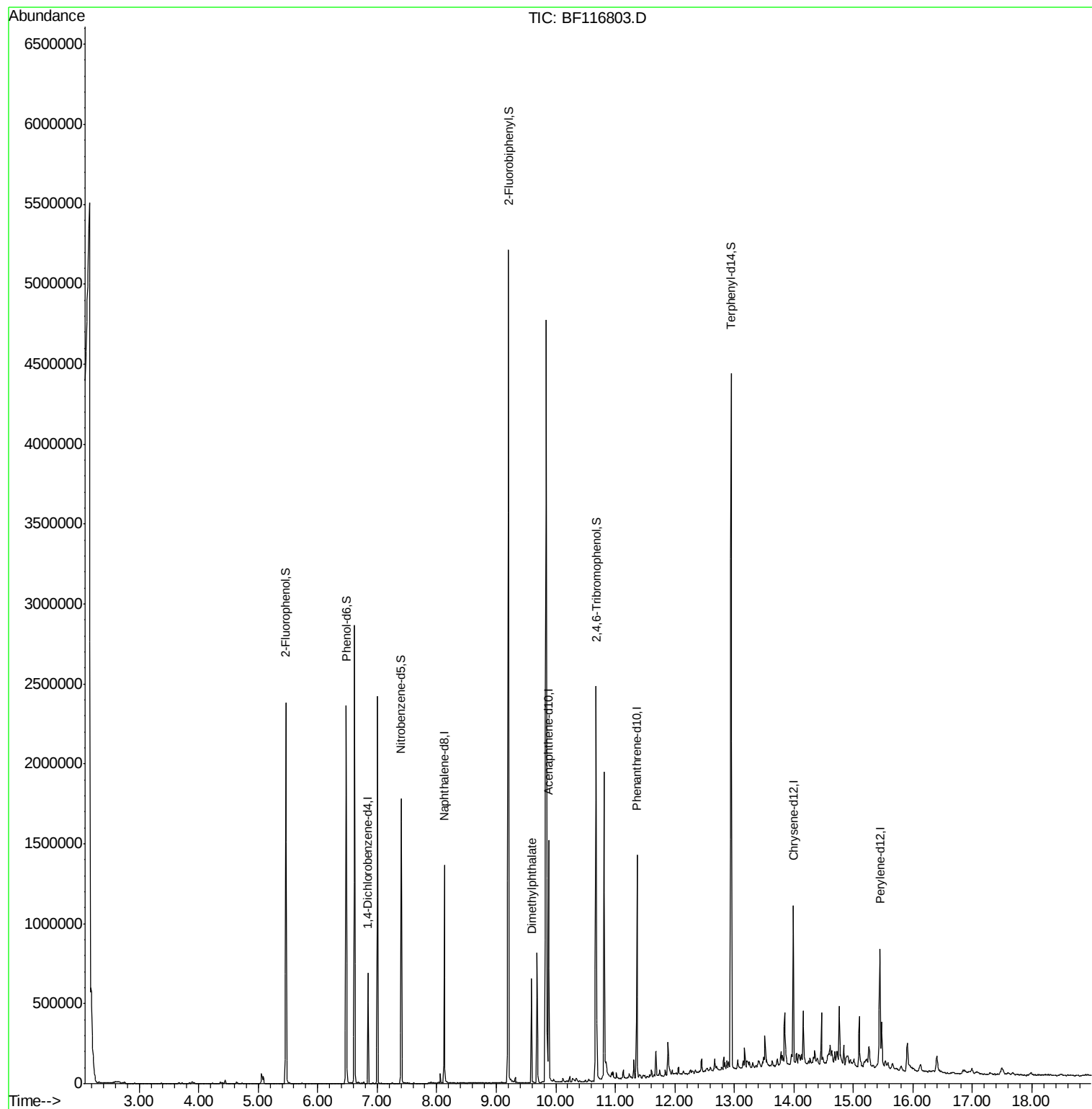
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94539	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	554422	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	282203	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	473136	20.00	ng	0.00
76) Chrysene-d12	13.99	240	314800	20.00	ng	0.00
87) Perylene-d12	15.44	264	324267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	691565	118.51	ng	0.00
7) Phenol-d6	6.48	99	856752	111.81	ng	0.00
23) Nitrobenzene-d5	7.40	82	650958	67.03	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	281157	149.03	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1512323	90.40	ng	0.00
79) Terphenyl-d14	12.94	244	1422086	83.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	243932	12.520	ng	Qvalue 98

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

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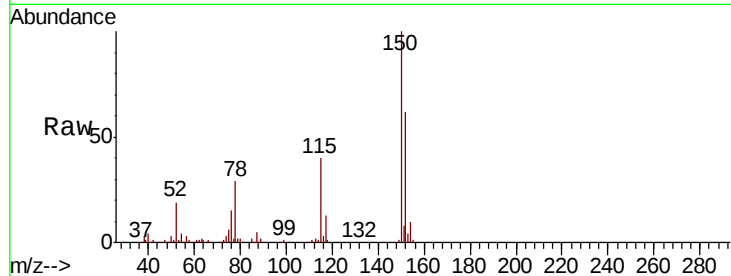


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116803.D
Acq: 4 Sep 2019 5:54

Instrument :
BNA_F
ClientSampleId :
T11-E1-E4-(0-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.4	186.6
115	64.9	49.9	74.9

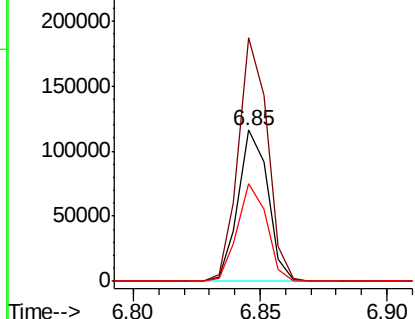
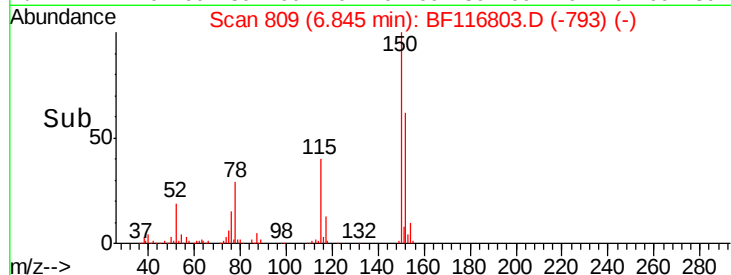


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

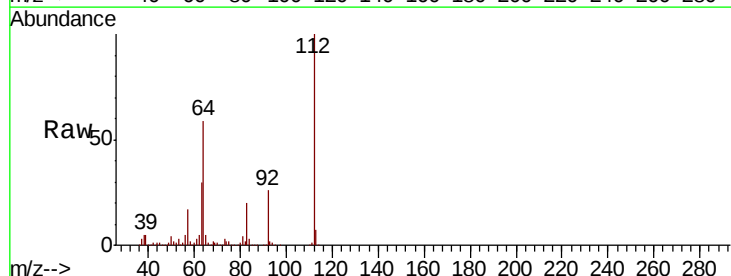
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.509 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116803.D
Acq: 4 Sep 2019 5:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.1	70.7
63	30.4	24.9	37.3

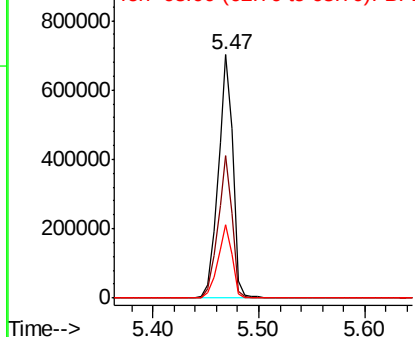
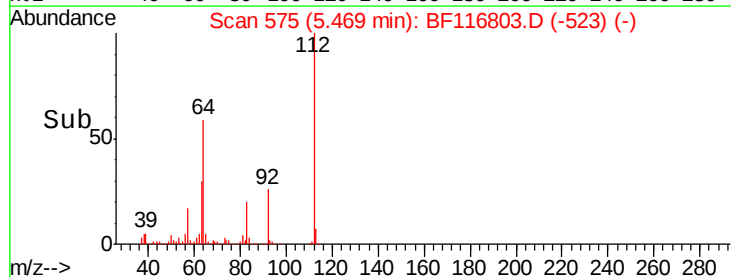


Abundance

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: 111.808 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116803.D

Acq: 4 Sep 2019 5:54

Instrument :

BNA_F

ClientSampleId :

T11-E1-E4-(0-4)

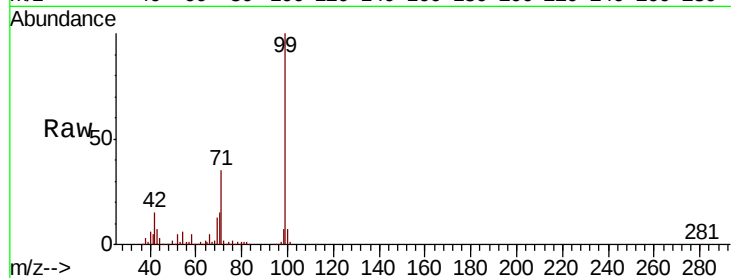
Tot Ion: 99 Resp: 856752

Ion Ratio Lower Upper

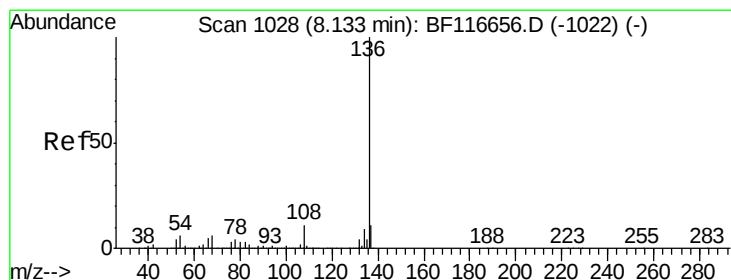
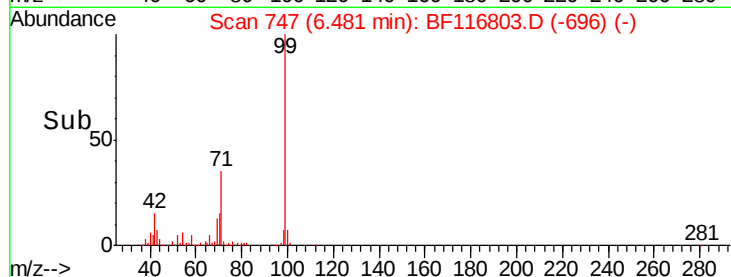
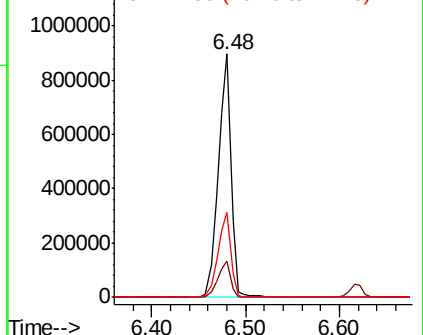
99 100

42 14.7 13.7 20.5

71 35.1 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: BF116803.D

Acq: 4 Sep 2019 5:54

Tgt Ion: 136 Resp: 554422

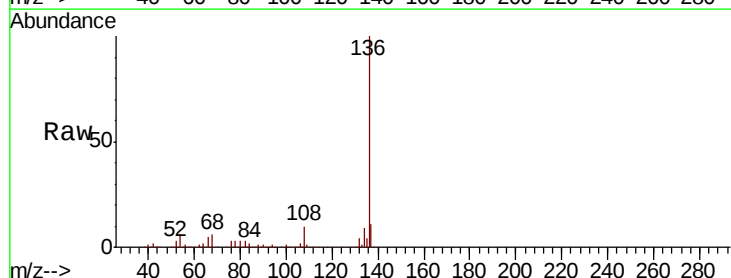
Ion Ratio Lower Upper

136 100

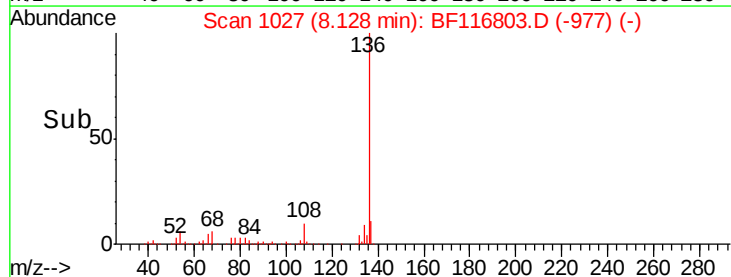
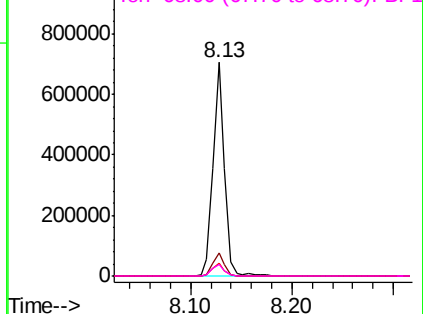
137 11.0 8.9 13.3

54 5.9 4.8 7.2

68 5.6 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

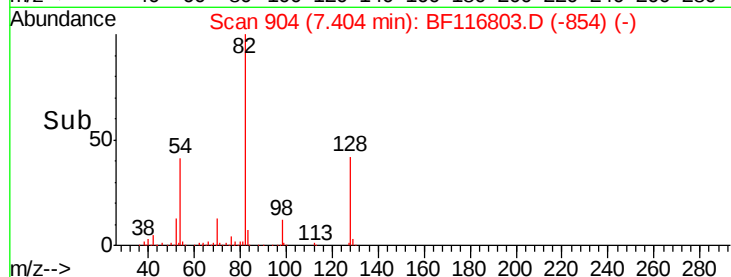
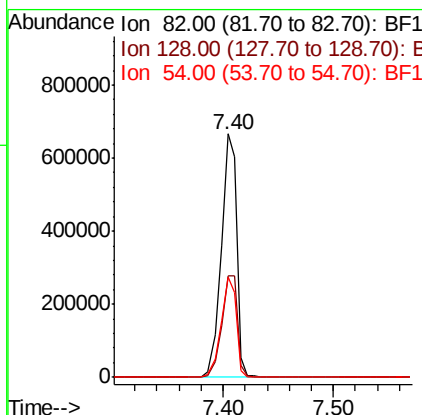
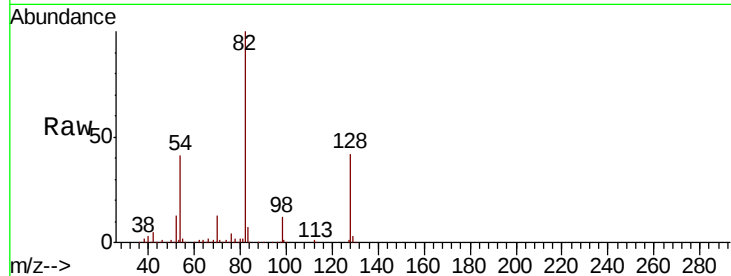




#23
 Nitrobenzene-d5
 Concen: 67.027 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116803.D
 Acq: 4 Sep 2019 5:54

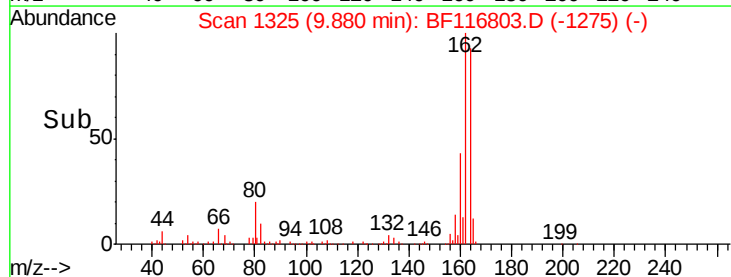
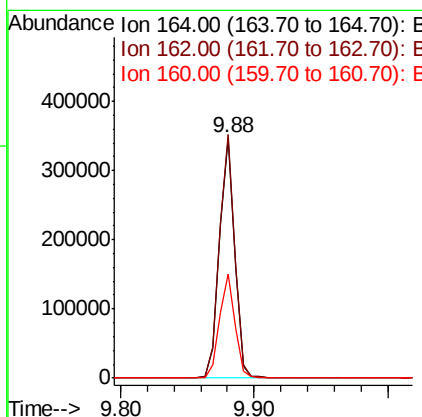
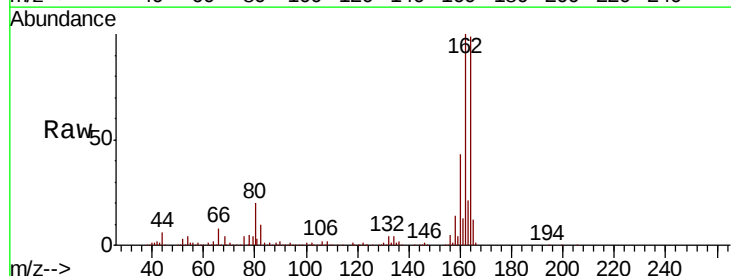
Instrument :
 BNA_F
 ClientSampleId :
 T11-E1-E4-(0-4)

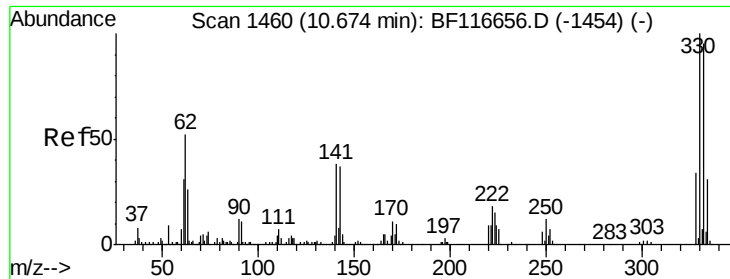
Tot Ion	82	Resp	650958
Ion Ratio	Lower	Upper	
82	100		
128	41.5	32.8	49.2
54	41.4	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116803.D
 Acq: 4 Sep 2019 5:54

Tgt Ion	164	Resp	282203
Ion Ratio	Lower	Upper	
164	100		
162	101.4	81.4	122.0
160	43.1	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 149.029 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF116803.D

Acq: 4 Sep 2019 5:54

Instrument :

BNA_F

ClientSampleId :

T11-E1-E4-(0-4)

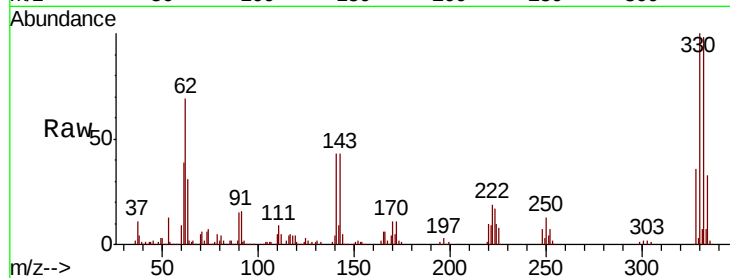
Tot Ion:330 Resp: 281157

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

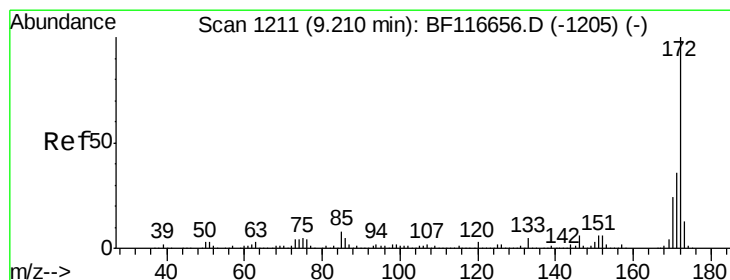
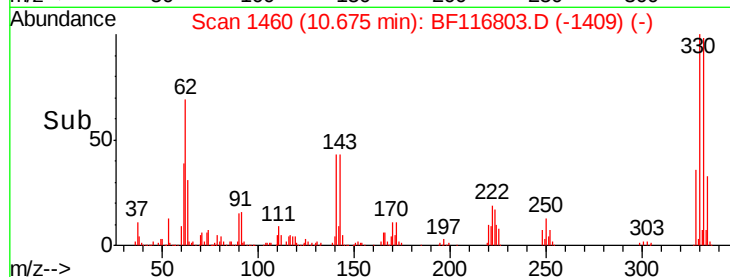
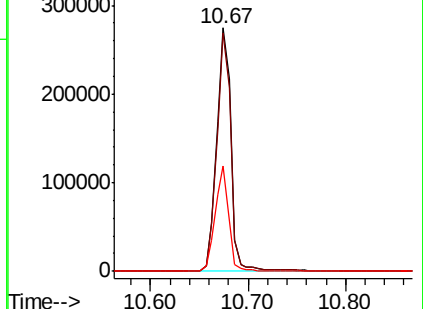
141 40.9 31.4 47.2



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: 90.400 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF116803.D

Acq: 4 Sep 2019 5:54

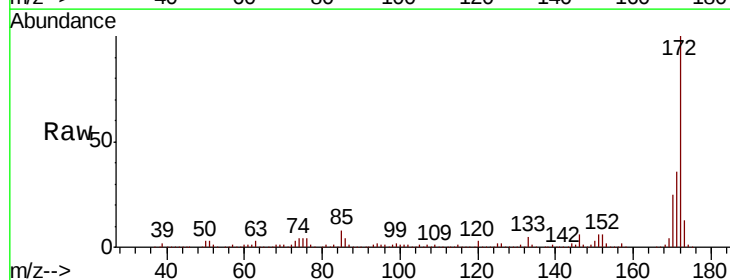
Tgt Ion:172 Resp: 1512323

Ion Ratio Lower Upper

172 100

171 36.5 27.8 41.6

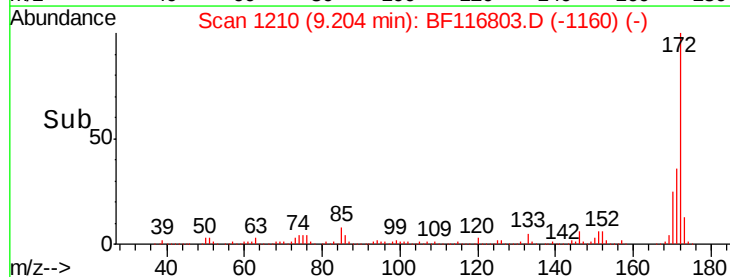
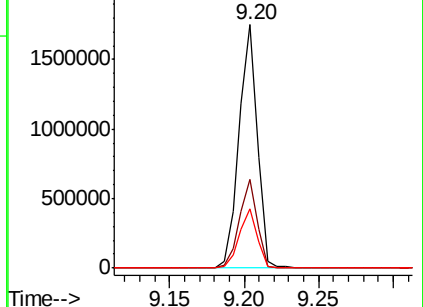
170 24.6 18.9 28.3

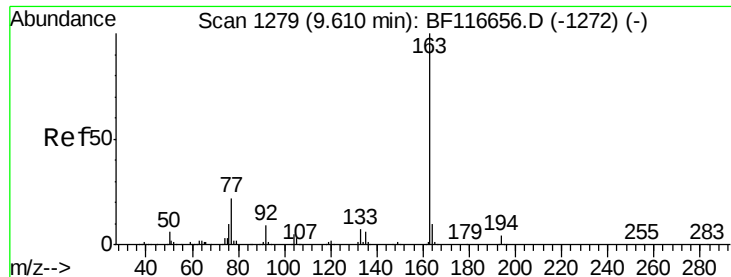


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.520 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116803.D

Acq: 4 Sep 2019 5:54

Instrument :

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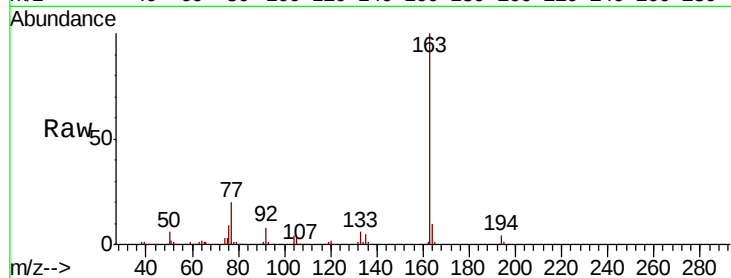
Tot Ion:163 Resp: 243932

Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

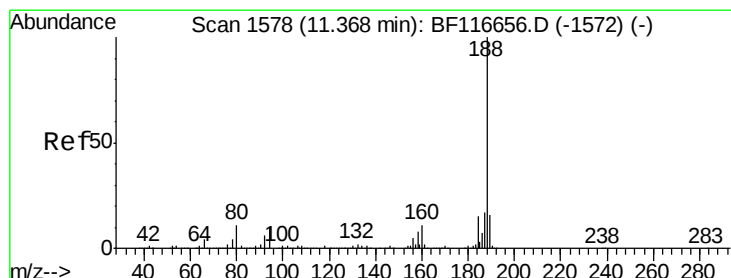
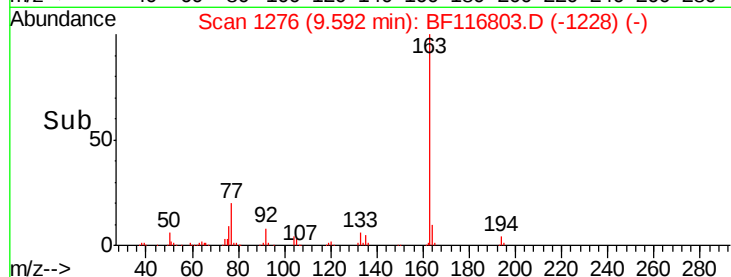
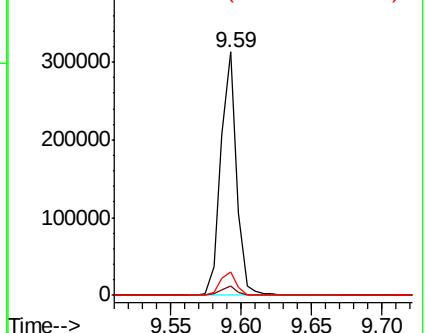
164 9.6 8.6 12.8



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: BF116803.D

Acq: 4 Sep 2019 5:54

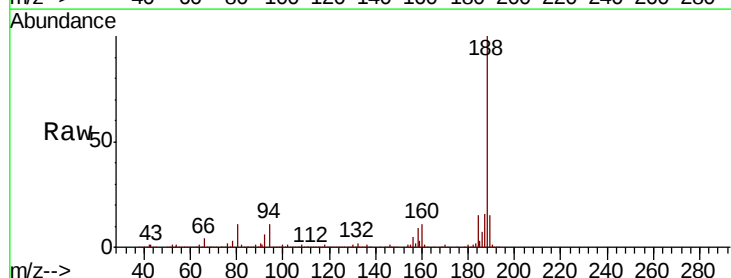
Tgt Ion:188 Resp: 473136

Ion Ratio Lower Upper

188 100

94 10.6 7.3 10.9

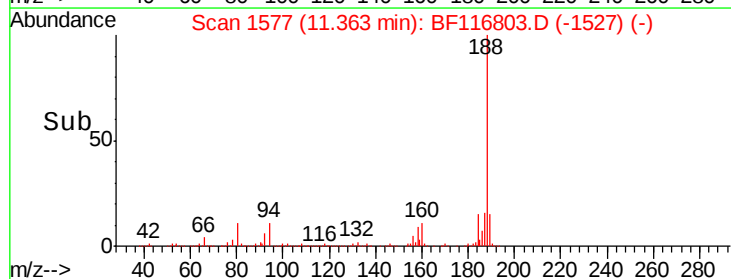
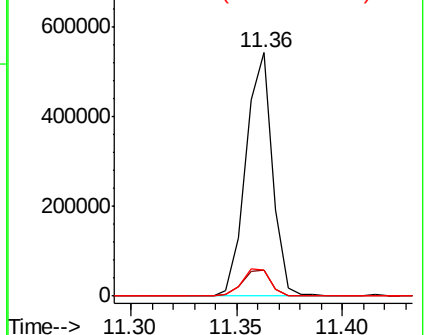
80 10.9 8.4 12.6

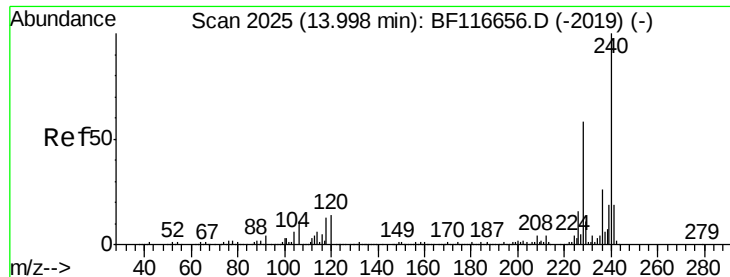


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

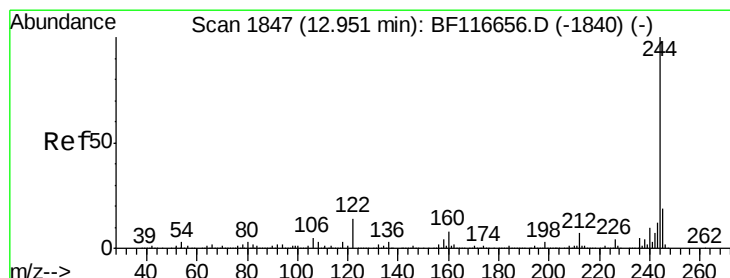
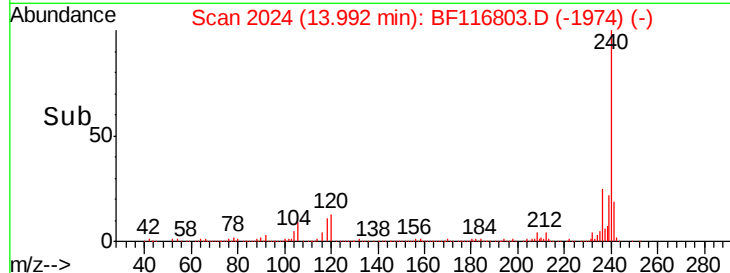
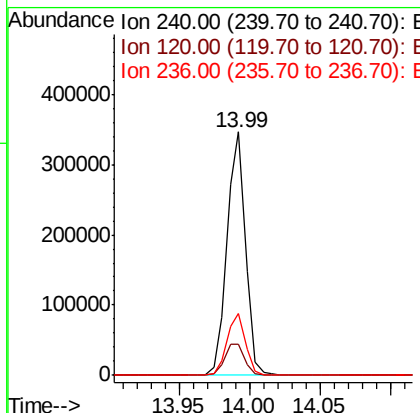
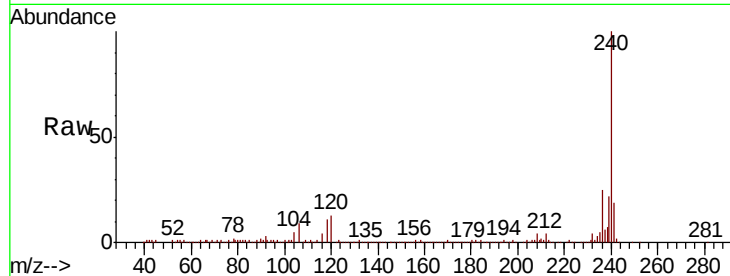




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116803.D
 Acq: 4 Sep 2019 5:54

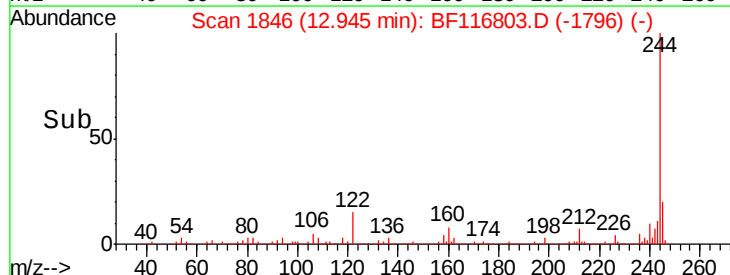
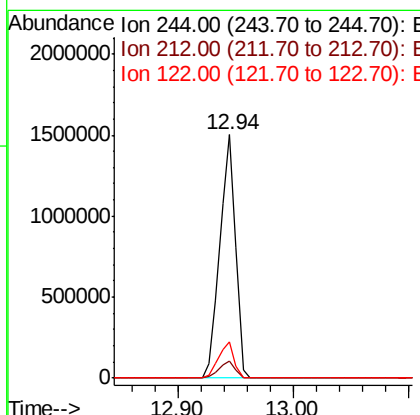
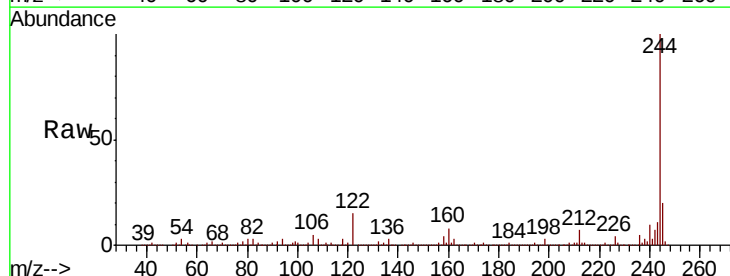
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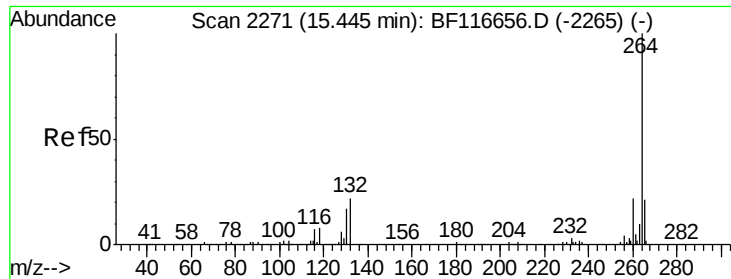
Tot Ion:240 Resp: 314800
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.1 13.7
 236 25.2 21.1 31.7



#79
 Terphenyl-d14
 Concen: 83.570 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116803.D
 Acq: 4 Sep 2019 5:54

Tgt Ion:244 Resp: 1422086
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 14.9 10.2 15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116803.D
Acq: 4 Sep 2019 5:54

Instrument :
BNA_F
ClientSampleId :
T11-E1-E4-(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	20.8	16.5	24.7

