

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116833.D
 Acq On : 5 Sep 2019 13:08
 Operator : HP/JU
 Sample : K4573-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-2.0-2.5-082719

Quant Time: Sep 05 15:07:01 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

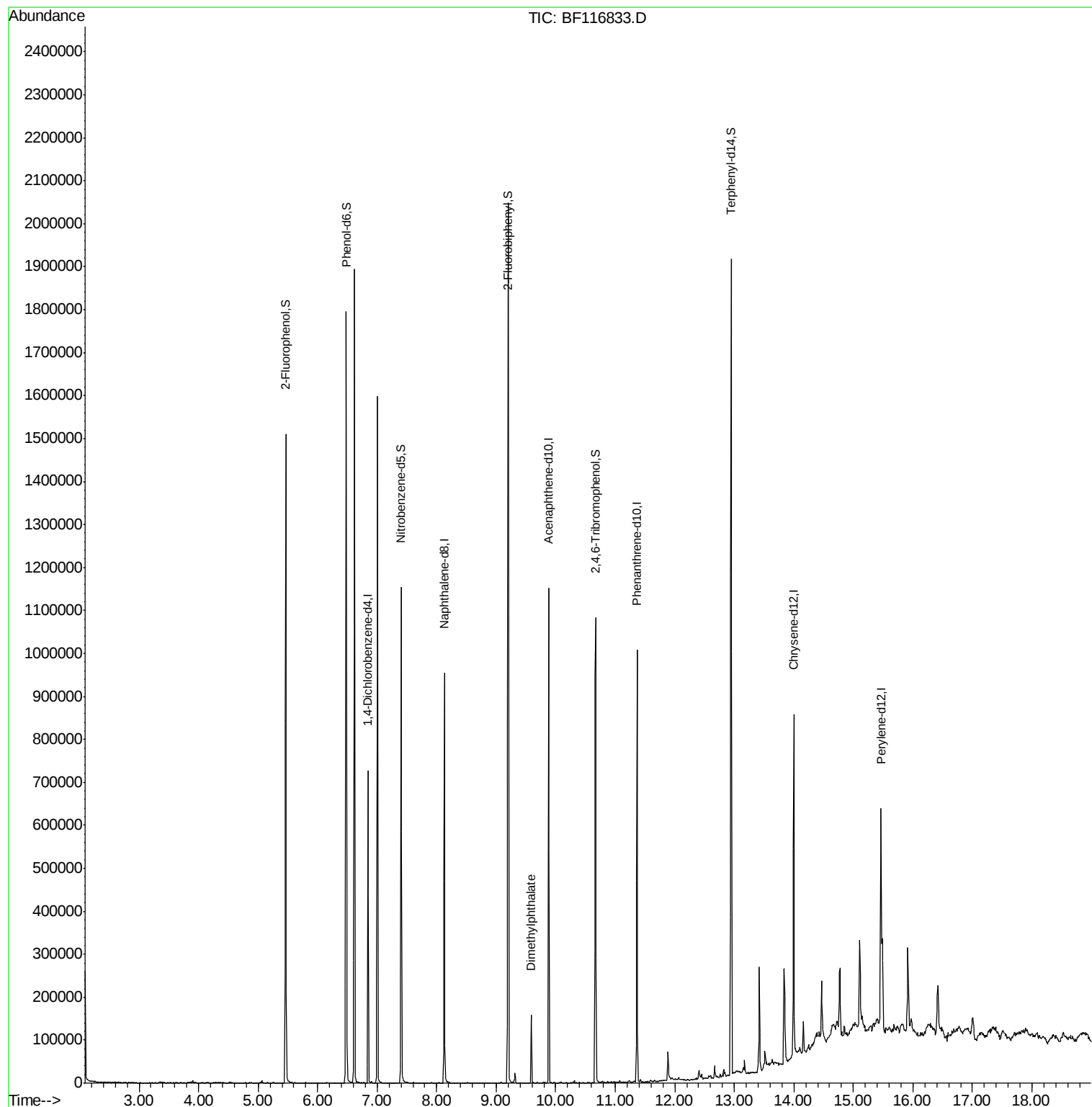
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	98753	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	408041	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	209197	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	331744	20.00	ng	0.00
76) Chrysene-d12	14.00	240	235464	20.00	ng	0.00
87) Perylene-d12	15.46	264	215650	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	450560	73.92	ng	0.00
7) Phenol-d6	6.48	99	615173	76.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	368229	51.52	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	110599	79.08	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	649266	52.35	ng	0.00
79) Terphenyl-d14	12.95	244	554145	43.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	61739	4.275	ng	Qvalue 98

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

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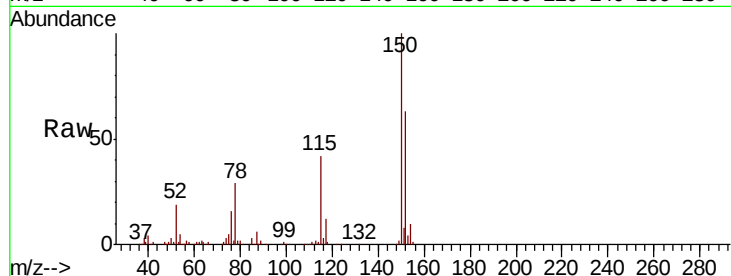


#1

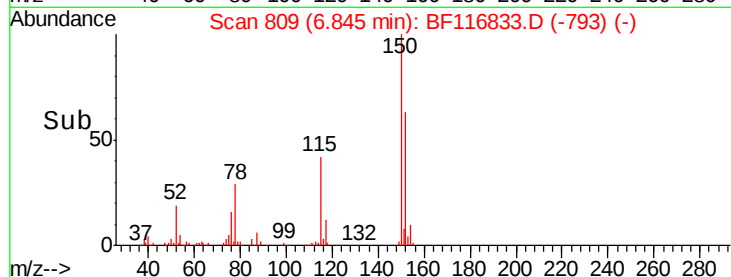
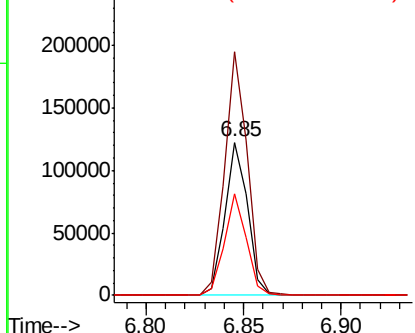
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116833.D
Acq: 5 Sep 2019 13:08

Instrument :
BNA_F
ClientSampleId :
S702A-N-2.0-2.5-082719

Tot Ion:152 Resp: 98753
Ion Ratio Lower Upper
152 100
150 159.3 124.4 186.6
115 66.3 49.9 74.9



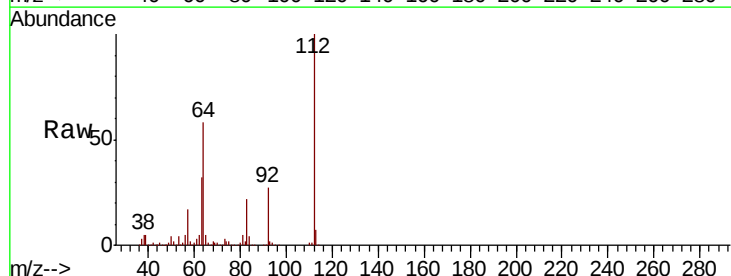
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



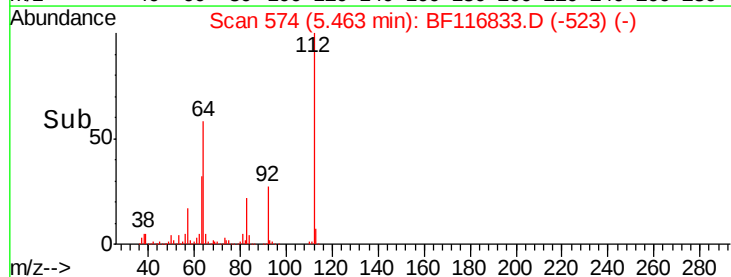
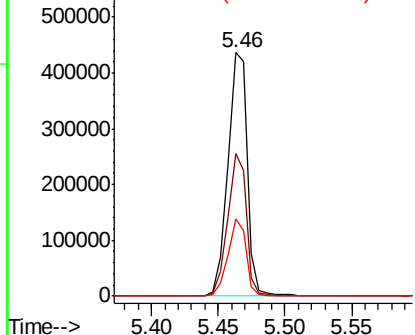
#5

2-Fluorophenol
Concen: 73.915 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116833.D
Acq: 5 Sep 2019 13:08

Tgt Ion:112 Resp: 450560
Ion Ratio Lower Upper
112 100
64 58.3 47.1 70.7
63 31.7 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: 76.856 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116833.D

Acq: 5 Sep 2019 13:08

Instrument :

BNA_F

ClientSampleId :

S702A-N-2.0-2.5-082719

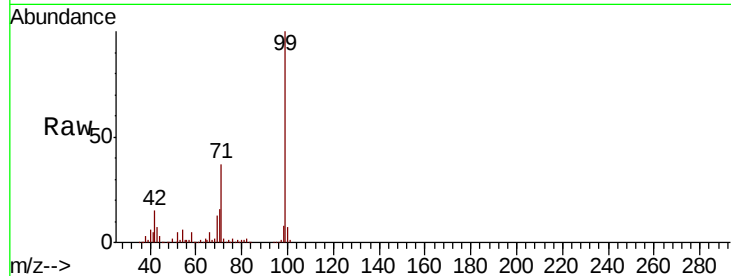
Tot Ion: 99 Resp: 615173

Ion Ratio Lower Upper

99 100

42 14.8 13.7 20.5

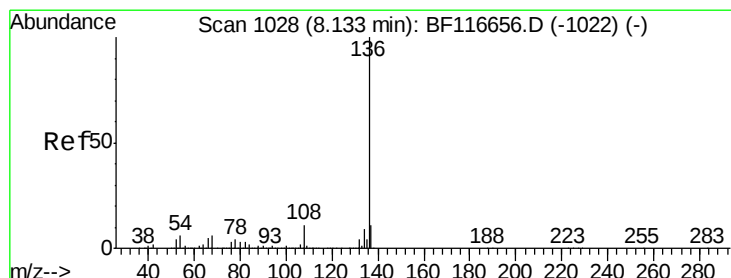
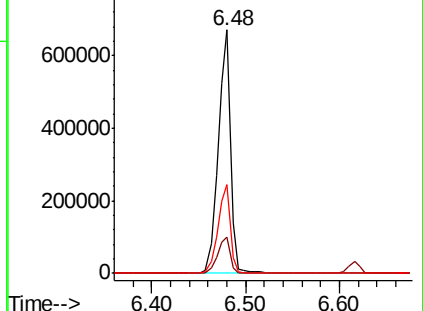
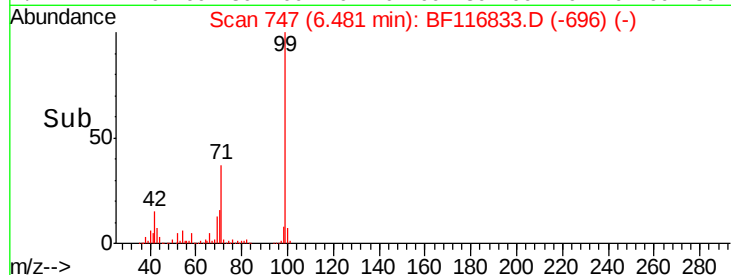
71 36.5 30.8 46.2



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: BF116833.D

Acq: 5 Sep 2019 13:08

Tgt Ion: 136 Resp: 408041

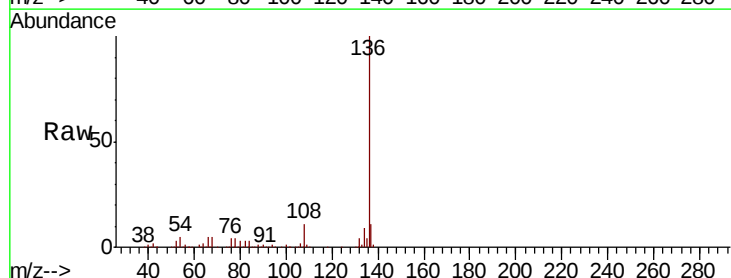
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.4 4.8 7.2

68 5.0 4.0 6.0

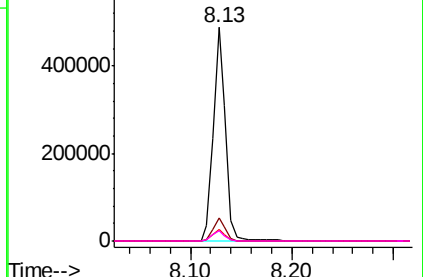
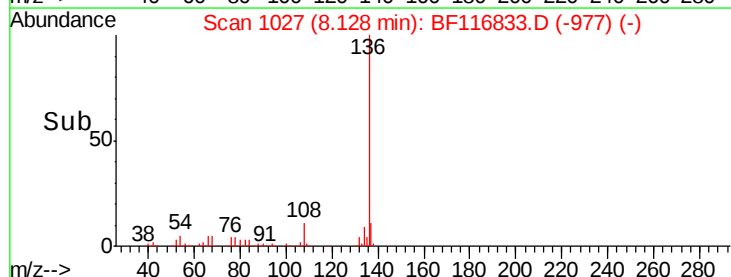


Abundance Ion 136.00 (135.70 to 136.70): E

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

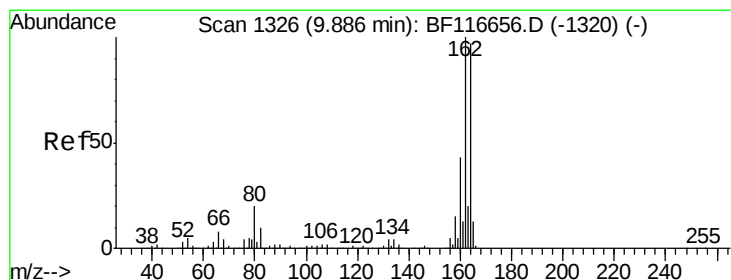
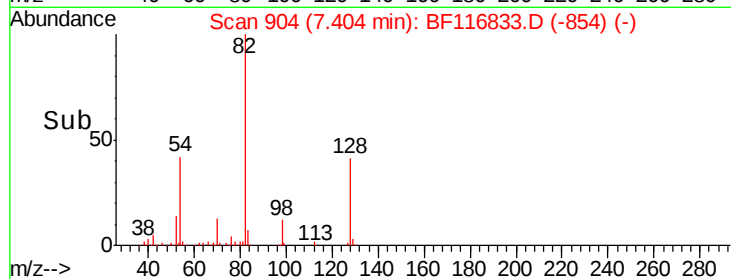
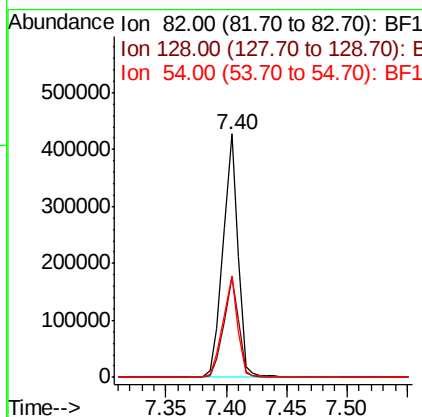
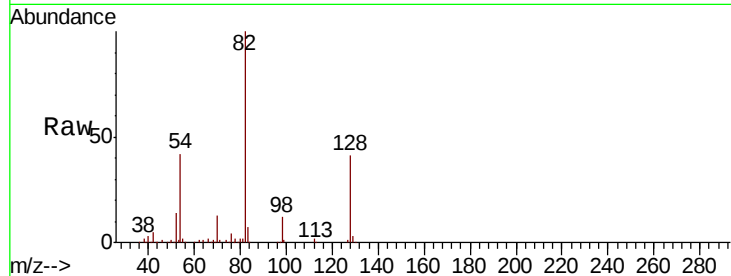




#23
Nitrobenzene-d5
Concen: 51.517 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116833.D
Acq: 5 Sep 2019 13:08

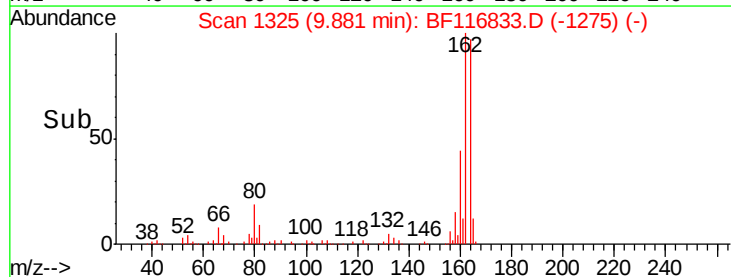
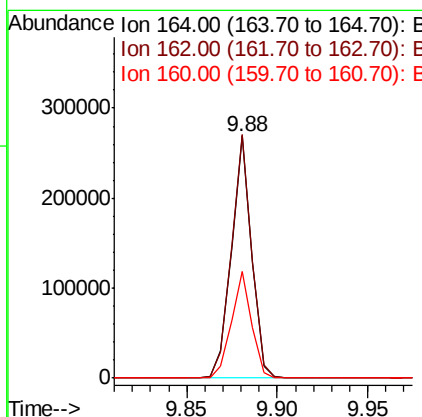
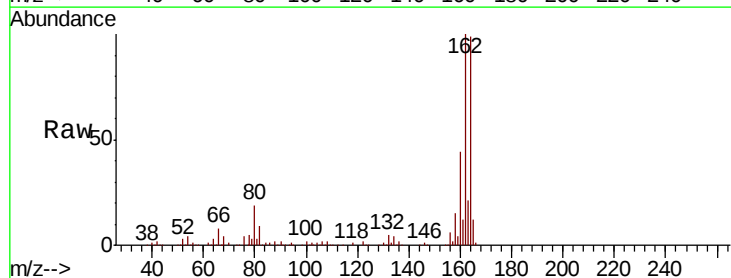
Instrument :
BNA_F
ClientSampleId :
S702A-N-2.0-2.5-082719

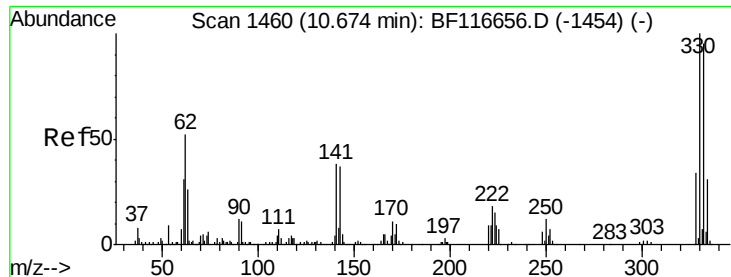
Tot Ion	82	Resp	368229
Ion Ratio	Lower	Upper	
82	100		
128	41.0	32.8	49.2
54	41.9	36.9	55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116833.D
Acq: 5 Sep 2019 13:08

Tgt Ion	164	Resp	209197
Ion Ratio	Lower	Upper	
164	100		
162	100.7	81.4	122.0
160	44.2	35.4	53.2

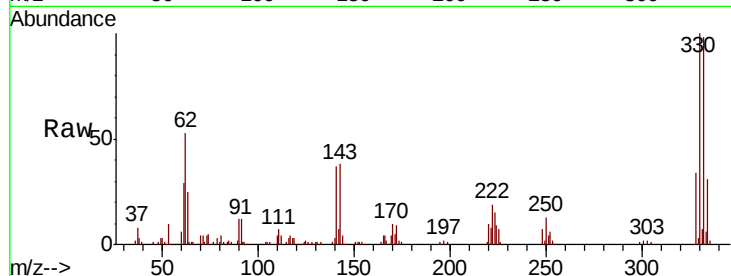




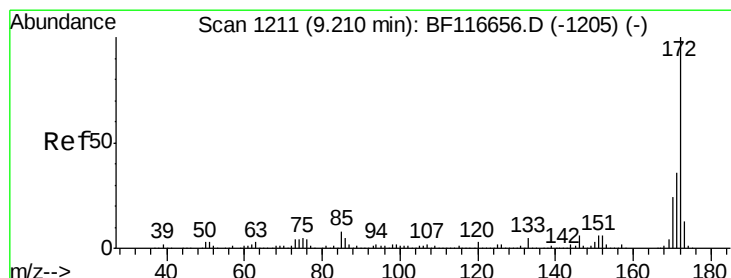
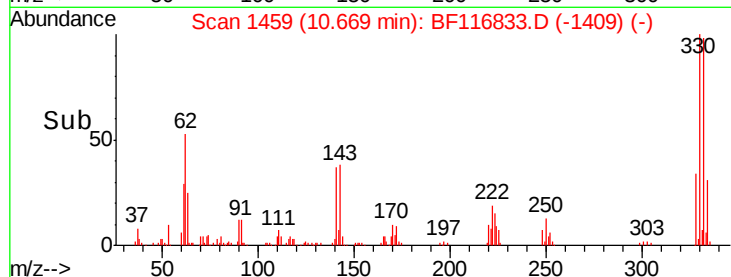
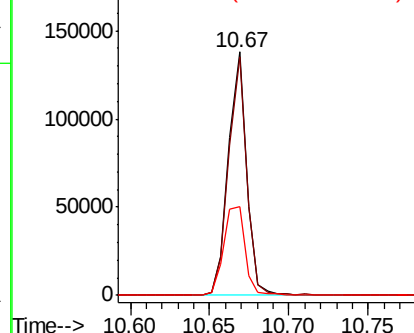
#42
 2,4,6-Tribromophenol
 Concen: 79.083 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116833.D
 Acq: 5 Sep 2019 13:08

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-2.0-2.5-082719

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	42.7	31.4	47.2

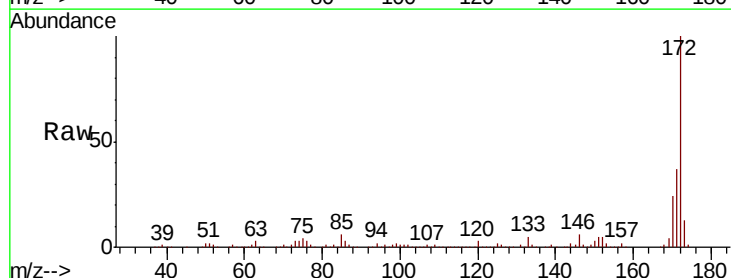


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

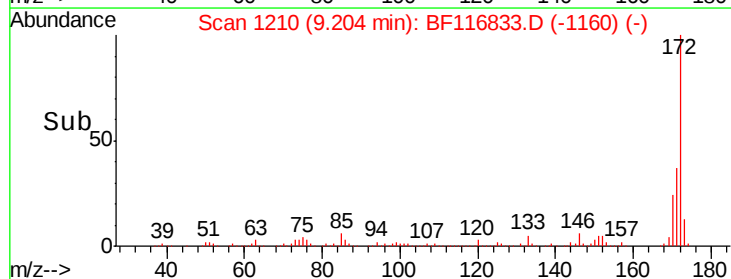
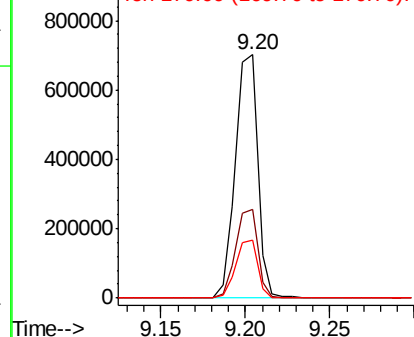


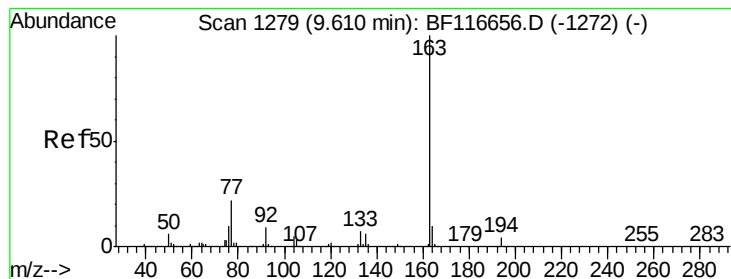
#45
 2-Fluorobiphenyl
 Concen: 52.355 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116833.D
 Acq: 5 Sep 2019 13:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.8	41.6
170	24.0	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: 4.275 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116833.D

Acq: 5 Sep 2019 13:08

Instrument :

BNA_F

ClientSampleId :

S702A-N-2.0-2.5-082719

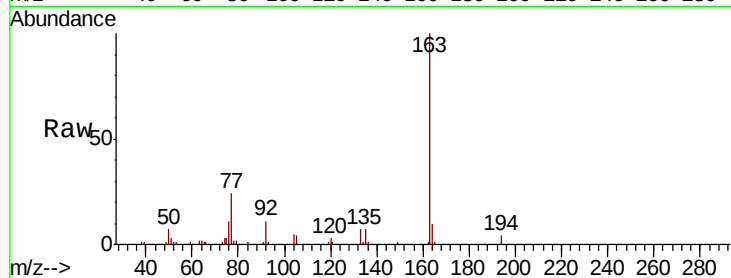
Tot Ion:163 Resp: 61739

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

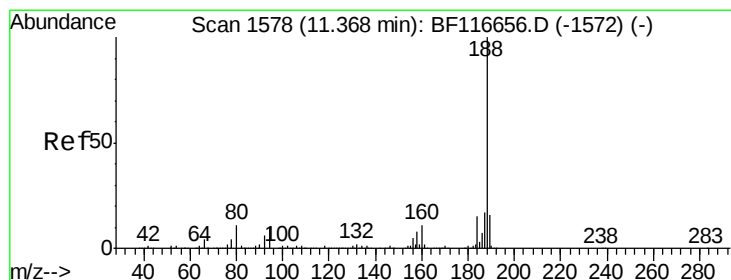
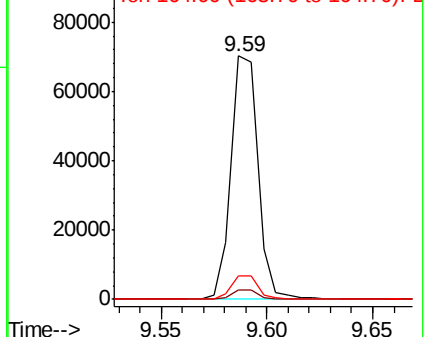
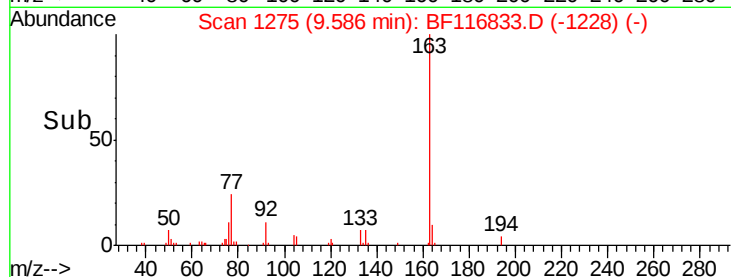
164 9.6 8.6 12.8



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: BF116833.D

Acq: 5 Sep 2019 13:08

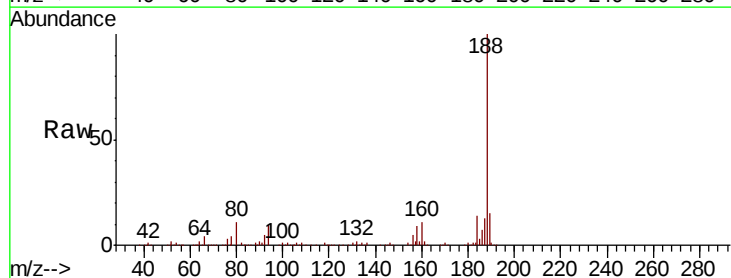
Tgt Ion:188 Resp: 331744

Ion Ratio Lower Upper

188 100

94 10.0 7.3 10.9

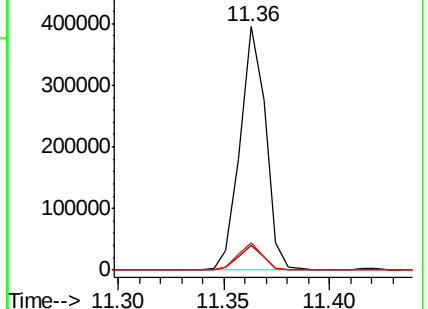
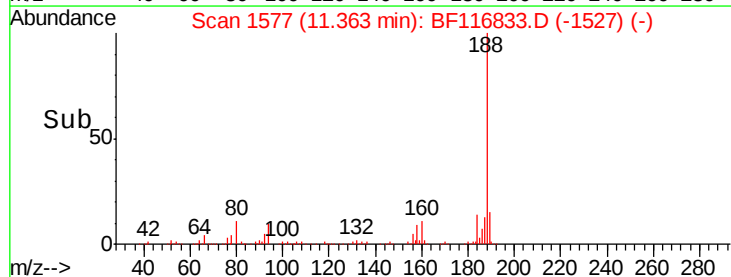
80 11.4 8.4 12.6

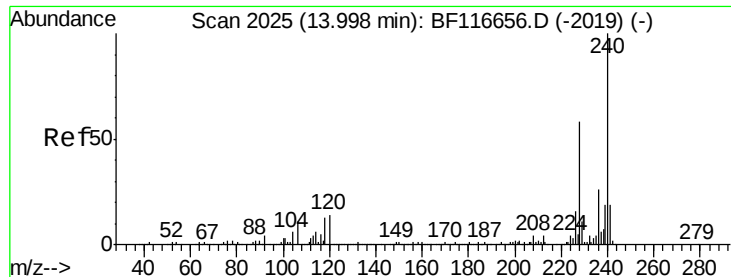


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

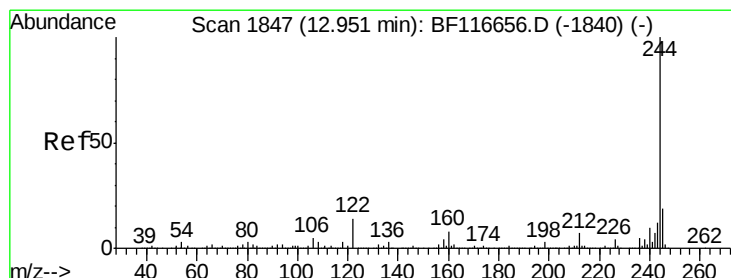
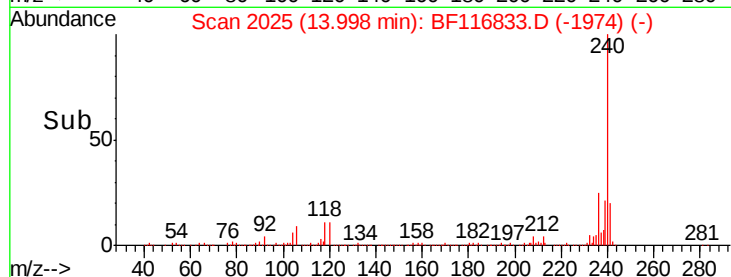
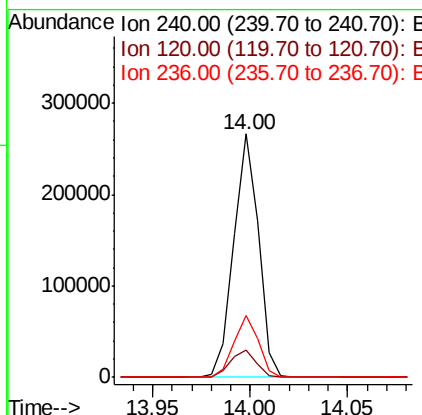
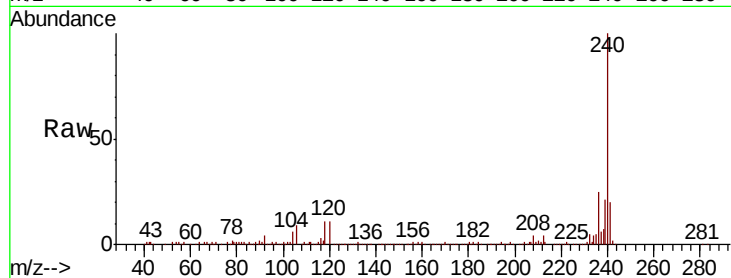




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116833.D
Acq: 5 Sep 2019 13:08

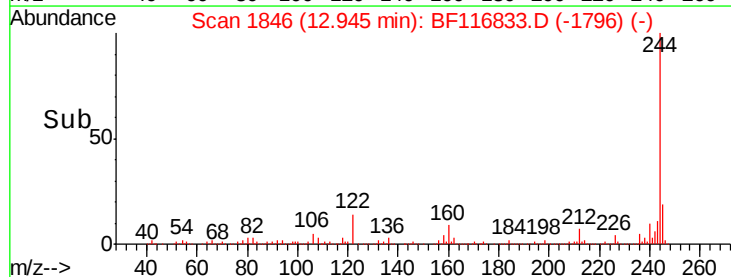
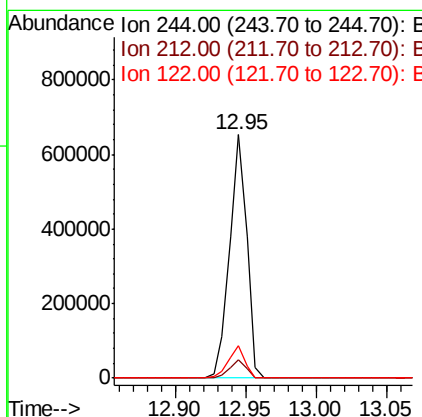
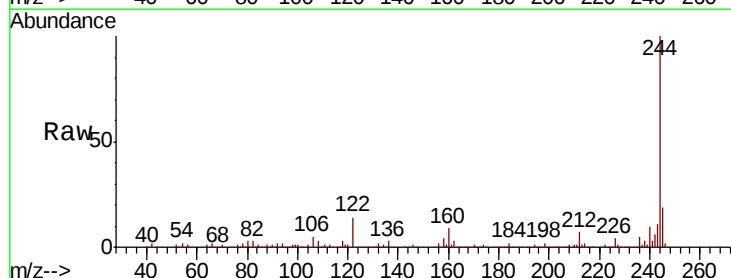
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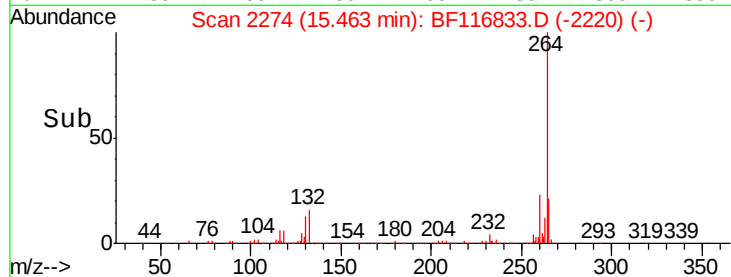
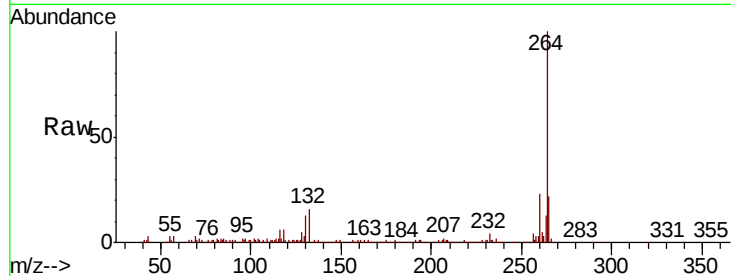
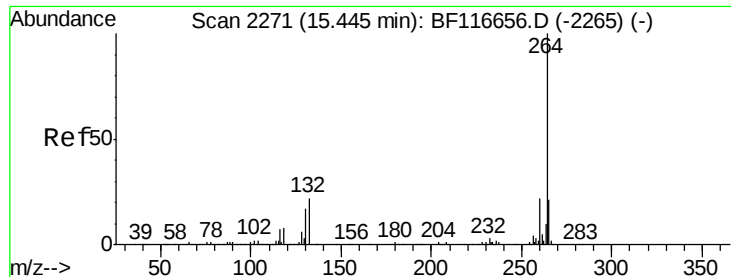
Tot Ion:240 Resp: 235464
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 25.3 21.1 31.7



#79
Terphenyl-d14
Concen: 43.537 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116833.D
Acq: 5 Sep 2019 13:08

Tgt Ion:244 Resp: 554145
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 13.6 10.2 15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF116833.D
Acq: 5 Sep 2019 13:08

Instrument :
BNA_F
ClientSampleId :
S702A-N-2.0-2.5-082719

Tot Ion:	264	Resp:	215650
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.5	16.5	24.7

