

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117377.D
 Acq On : 12 Oct 2019 19:16
 Operator : JU
 Sample : K5145-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919

Quant Time: Oct 14 02:33:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

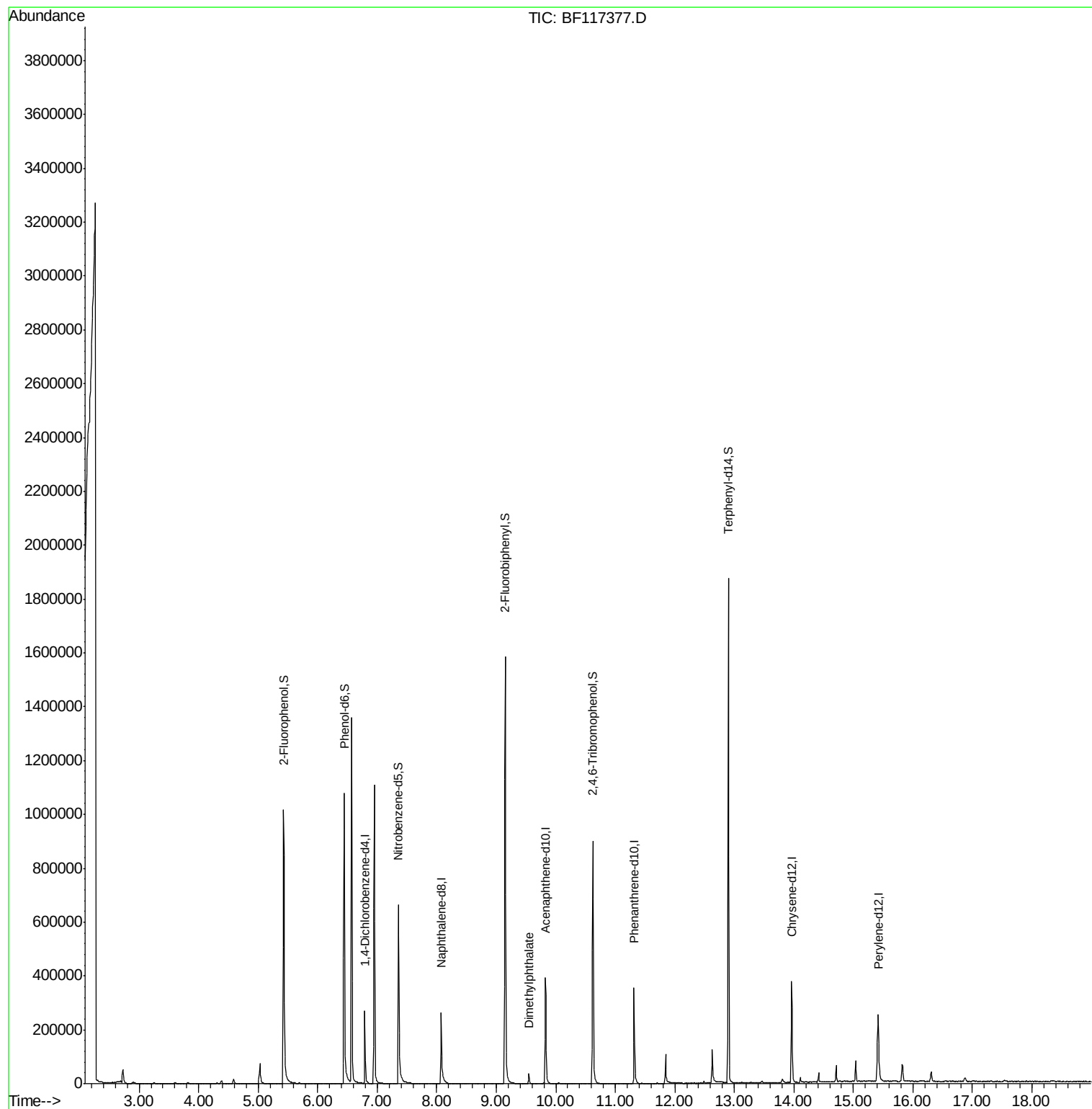
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	45370	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	185524	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	99202	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	168548	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	139633	20.00	ng	-0.01
87) Perylene-d12	15.42	264	135039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	361977	124.56	ng	0.00
7) Phenol-d6	6.45	99	470537	125.29	ng	0.00
23) Nitrobenzene-d5	7.36	82	299935	84.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	111749	134.78	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	553410	87.23	ng	-0.01
79) Terphenyl-d14	12.90	244	619868	82.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	23462	3.340	ng	Qvalue # 99

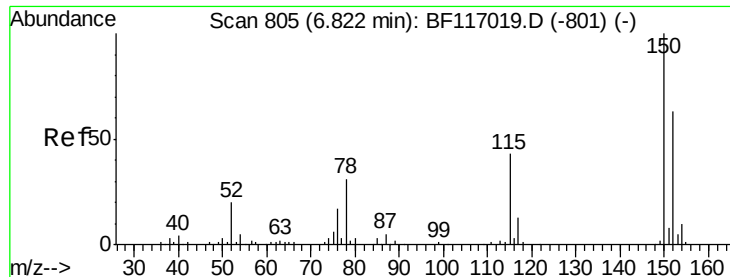
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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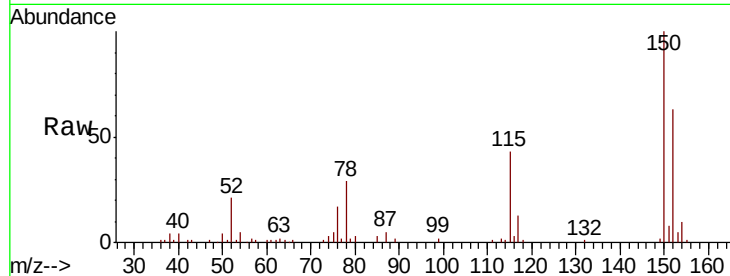


#1

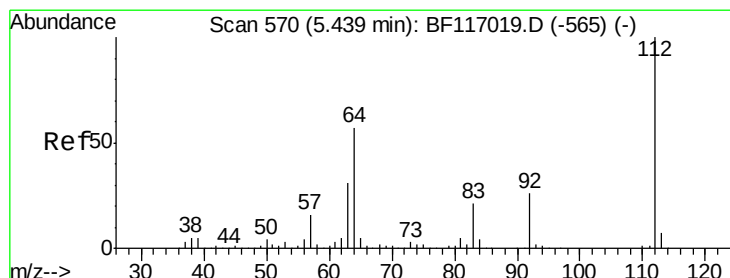
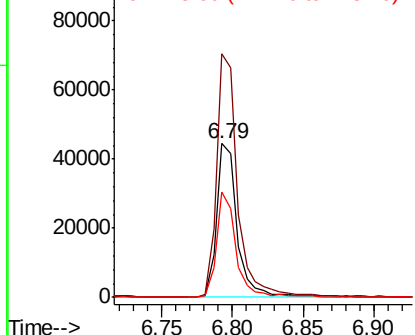
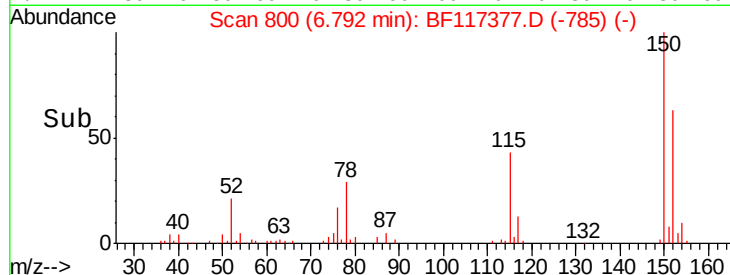
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF117377.D
 Acq: 12 Oct 2019 19:16

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919

Tot Ion:152 Resp: 45370
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.5 191.3
 115 68.5 55.0 82.4



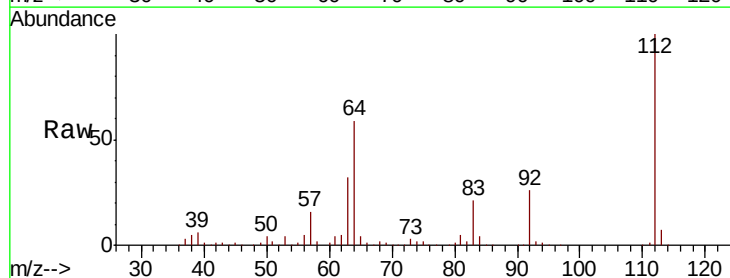
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



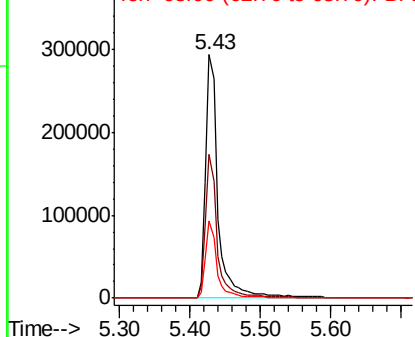
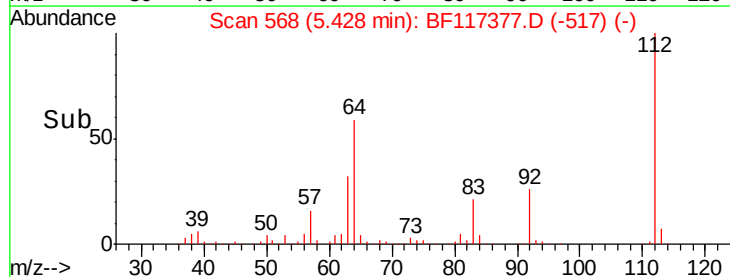
#5

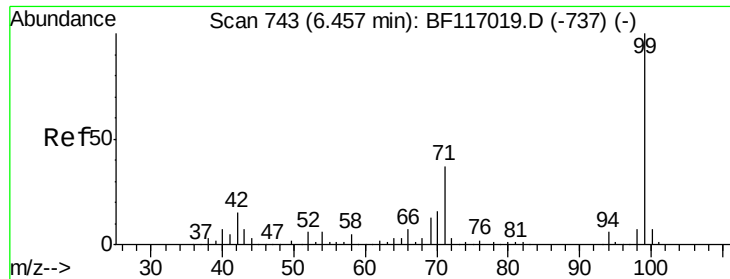
2-Fluorophenol
 Concen: 124.562 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF117377.D
 Acq: 12 Oct 2019 19:16

Tgt Ion:112 Resp: 361977
 Ion Ratio Lower Upper
 112 100
 64 59.1 45.7 68.5
 63 31.6 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: 125.289 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117377.D

Acq: 12 Oct 2019 19:16

Instrument :

BNA_F

ClientSampled :

HD-01-100919

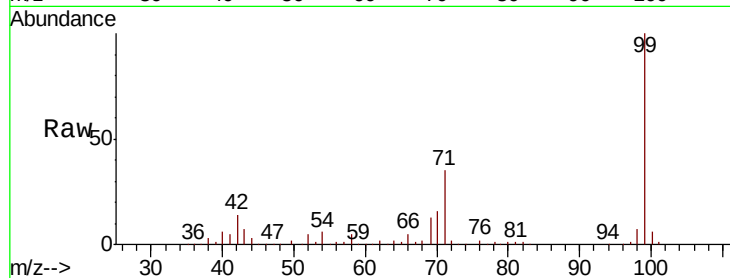
Tot Ion: 99 Resp: 470537

Ion Ratio Lower Upper

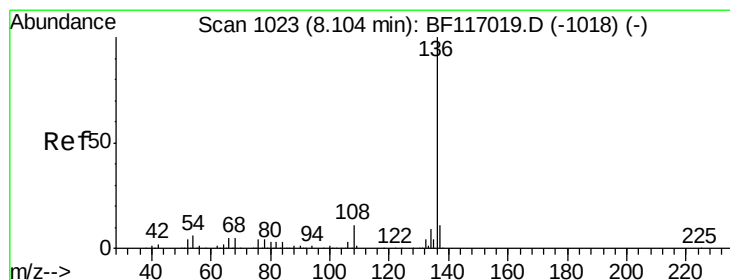
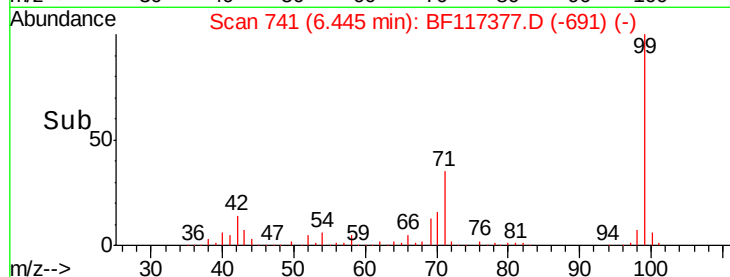
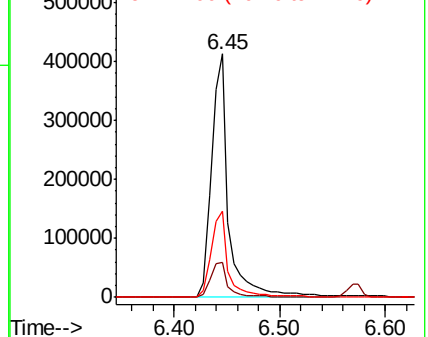
99 100

42 14.3 12.2 18.2

71 35.1 29.8 44.8



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF117377.D

Acq: 12 Oct 2019 19:16

Tgt Ion: 136 Resp: 185524

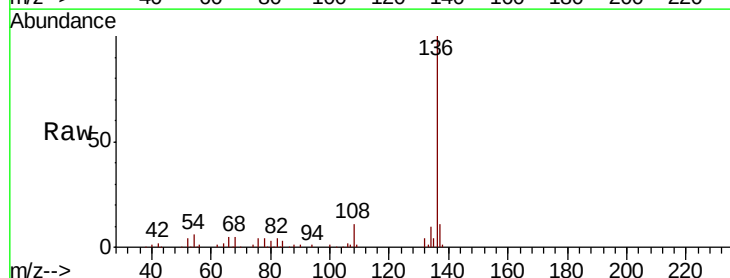
Ion Ratio Lower Upper

136 100

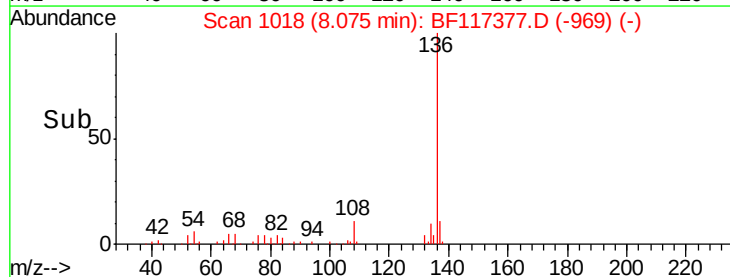
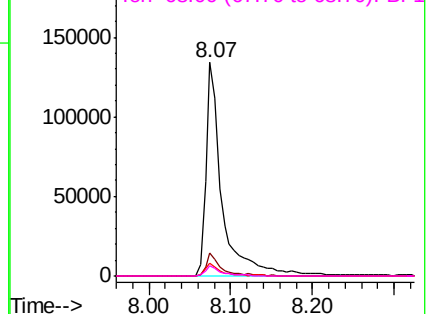
137 10.9 9.0 13.4

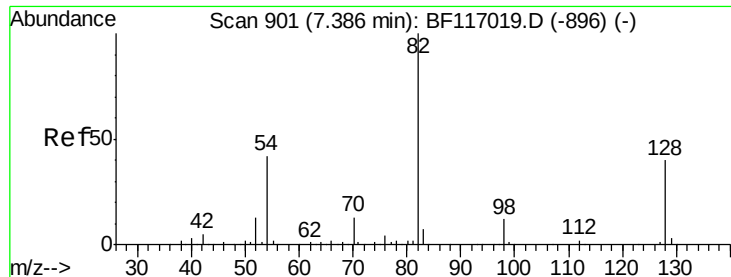
54 5.9 4.5 6.7

68 4.9 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

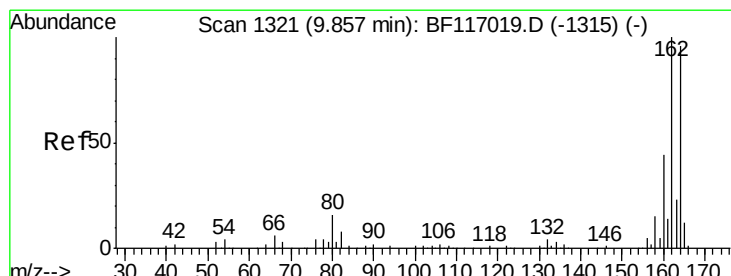
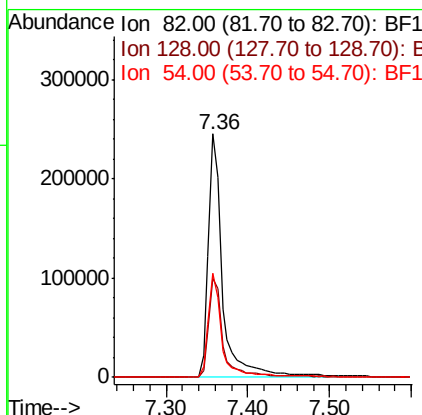
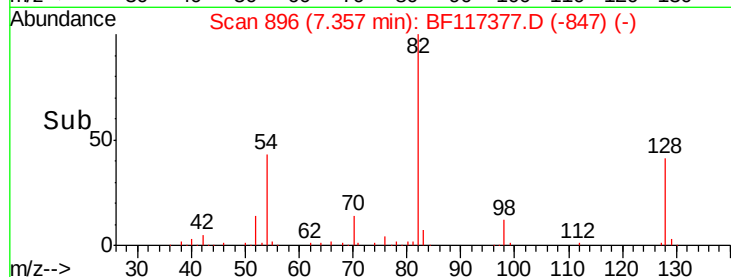
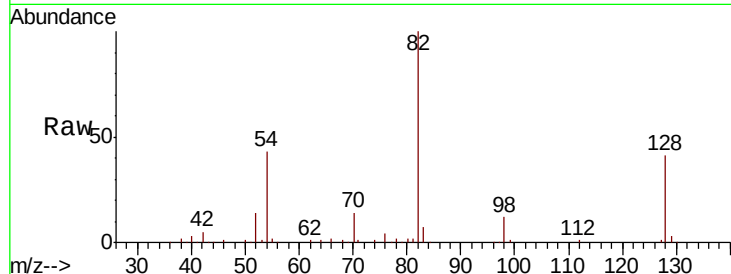




#23
 Nitrobenzene-d5
 Concen: 84.945 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117377.D
 Acq: 12 Oct 2019 19:16

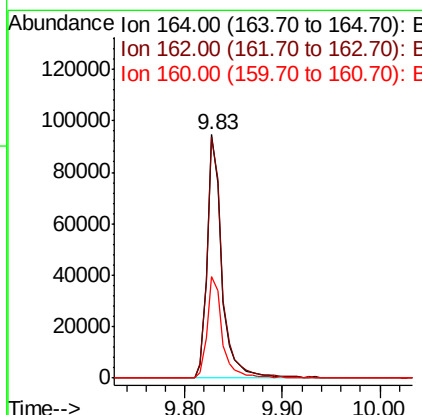
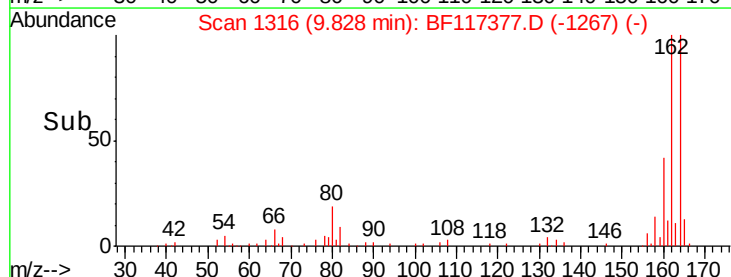
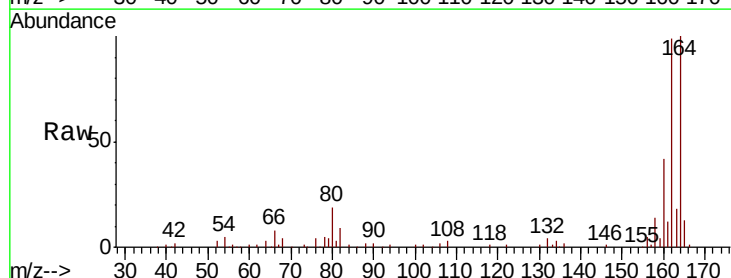
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919

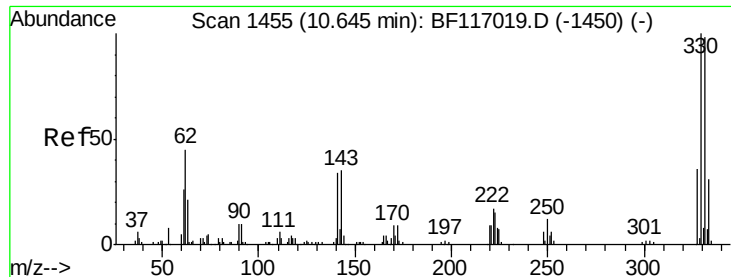
Tot Ion	82	Resp	299935
Ion Ratio	100	Lower	Upper
128	40.5	32.3	48.5
54	42.7	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF117377.D
 Acq: 12 Oct 2019 19:16

Tgt Ion	164	Resp	99202
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	98.9	83.4	125.2
160	41.5	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 134.783 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF117377.D

Acq: 12 Oct 2019 19:16

Instrument :

BNA_F

ClientSampleId :

HD-01-100919

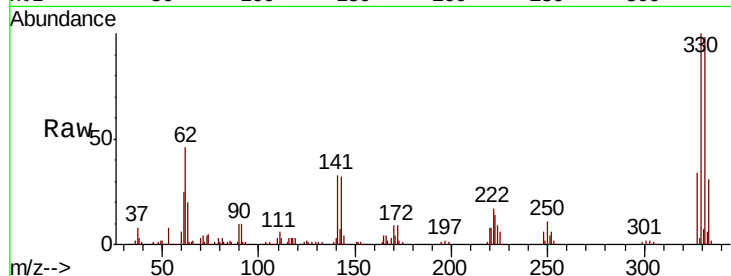
Tot Ion:330 Resp: 111749

Ion Ratio Lower Upper

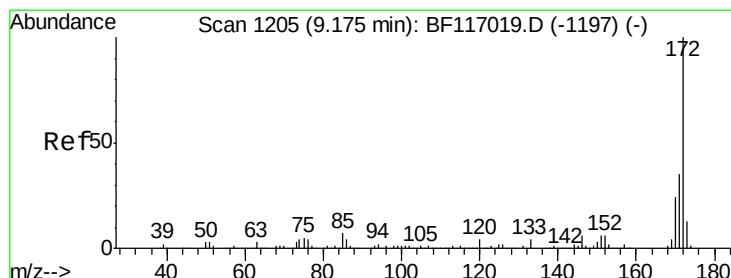
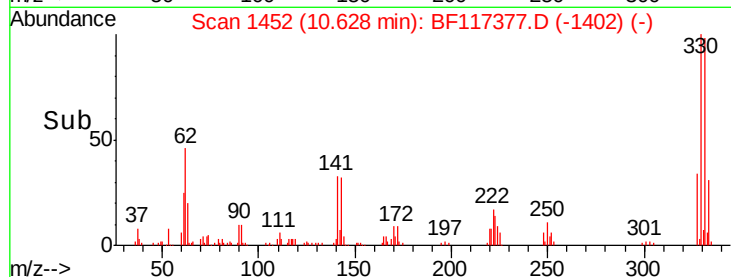
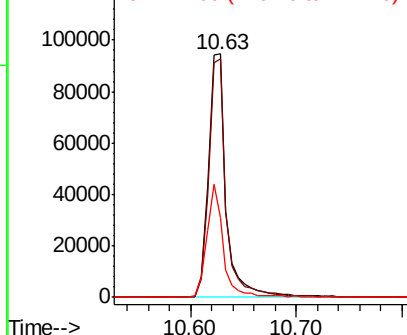
330 100

332 96.2 78.0 117.0

141 42.8 35.8 53.6



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: 87.226 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF117377.D

Acq: 12 Oct 2019 19:16

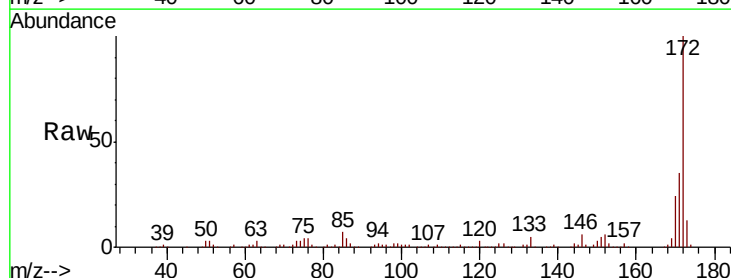
Tgt Ion:172 Resp: 553410

Ion Ratio Lower Upper

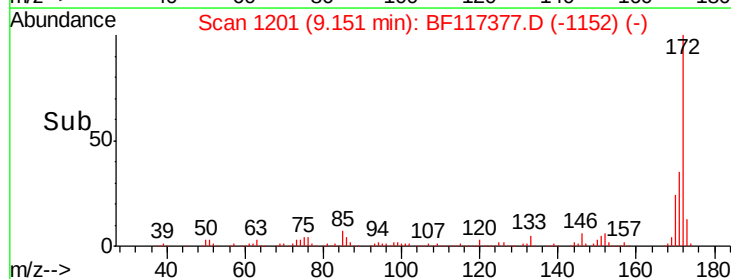
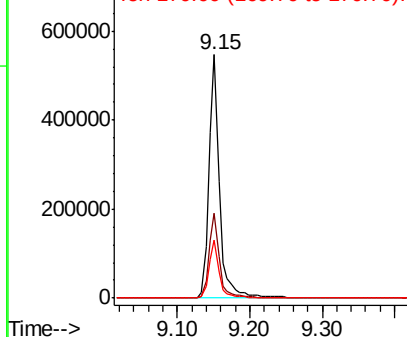
172 100

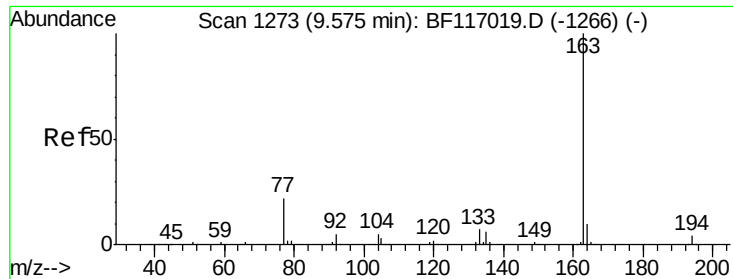
171 34.9 28.2 42.2

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

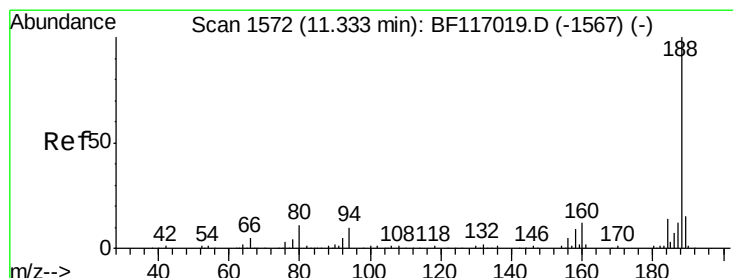
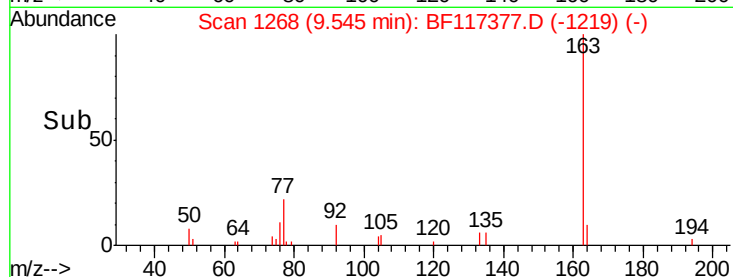
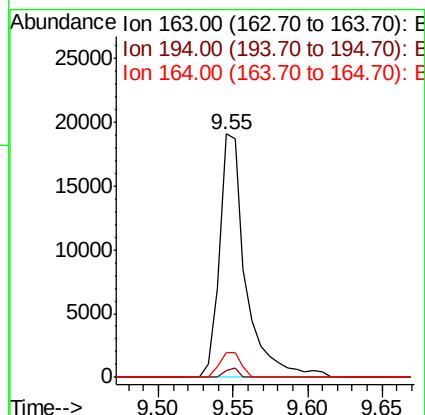
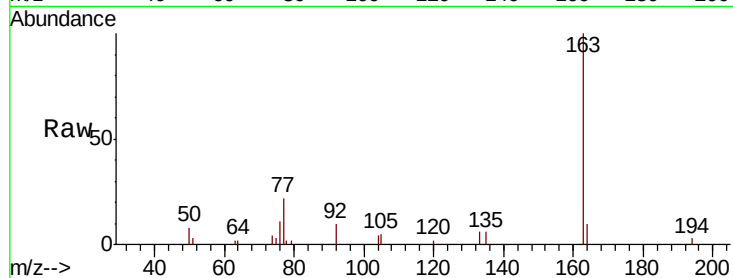




#50
Dimethylphthalate
Concen: 3.340 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117377.D
Acq: 12 Oct 2019 19:16

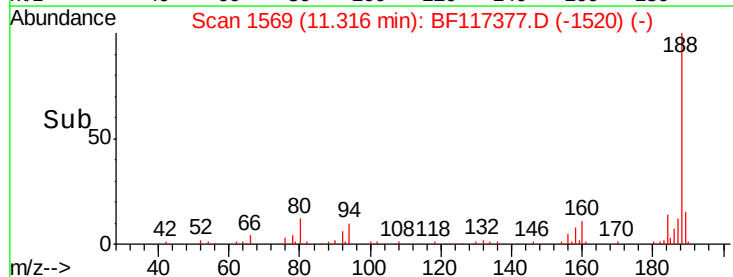
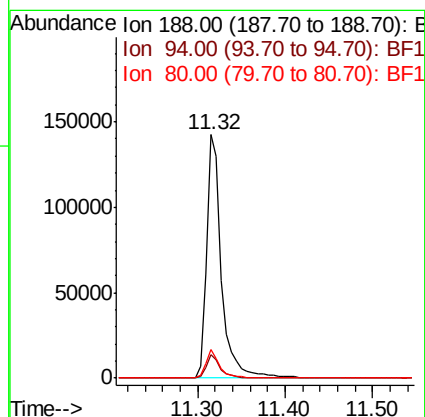
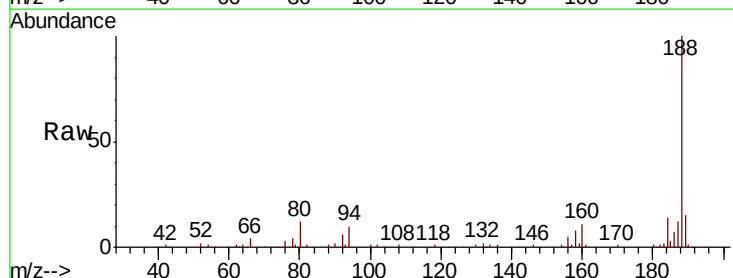
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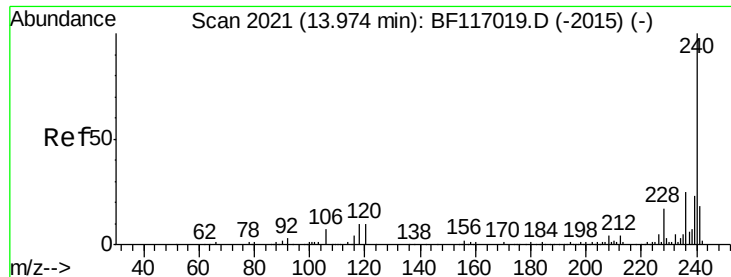
Tot Ion:163 Resp: 23462
Ion Ratio Lower Upper
163 100
194 2.7 2.9 4.3#
164 10.1 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF117377.D
Acq: 12 Oct 2019 19:16

Tgt Ion:188 Resp: 168548
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 11.7 9.0 13.6

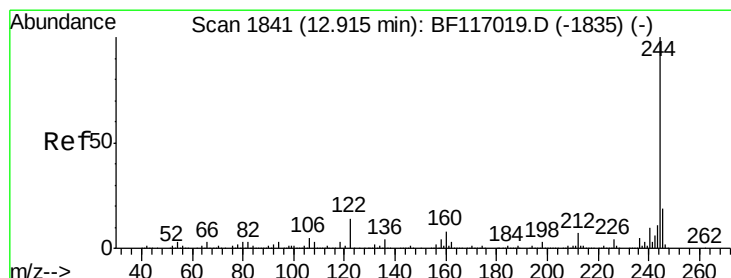
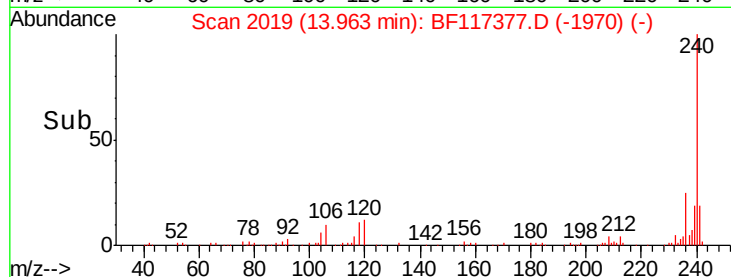
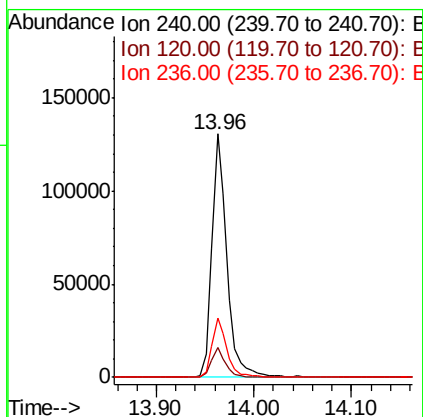
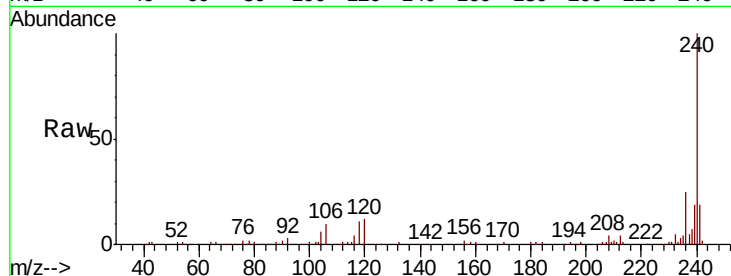




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117377.D
Acq: 12 Oct 2019 19:16

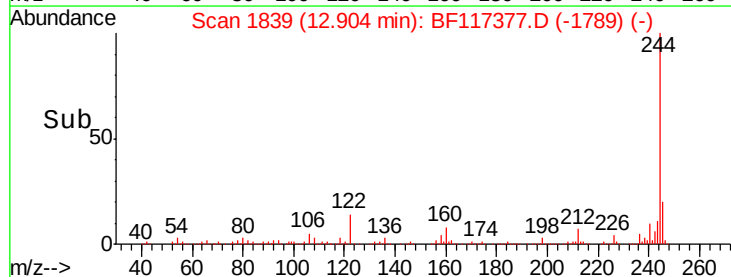
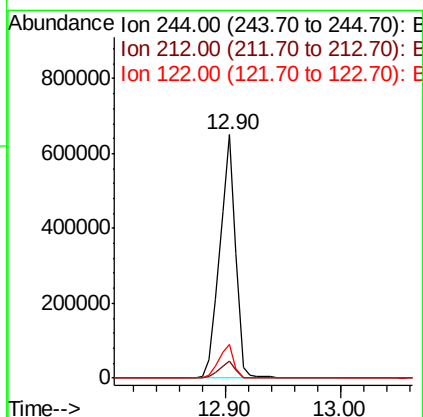
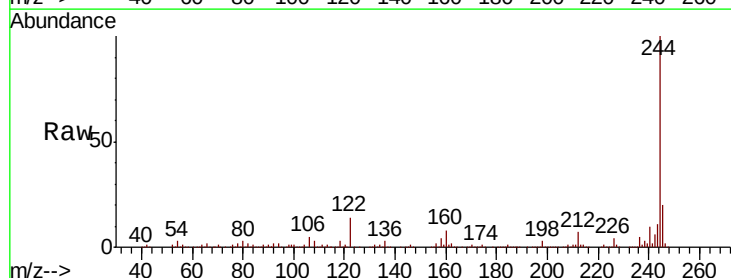
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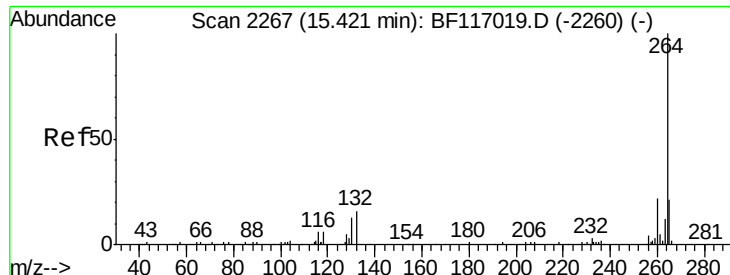
Tot Ion:240 Resp: 139633
Ion Ratio Lower Upper
240 100
120 12.2 8.3 12.5
236 24.5 20.3 30.5



#79
Terphenyl-d14
Concen: 82.980 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117377.D
Acq: 12 Oct 2019 19:16

Tgt Ion:244 Resp: 619868
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 13.7 11.3 16.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF117377.D
 Acq: 12 Oct 2019 19:16

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100919

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.6	26.4
265	21.1	16.6	24.8

