

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117416.D
 Acq On : 16 Oct 2019 16:26
 Operator : JU
 Sample : K5335-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-GAC2-191010

Quant Time: Oct 17 01:20:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

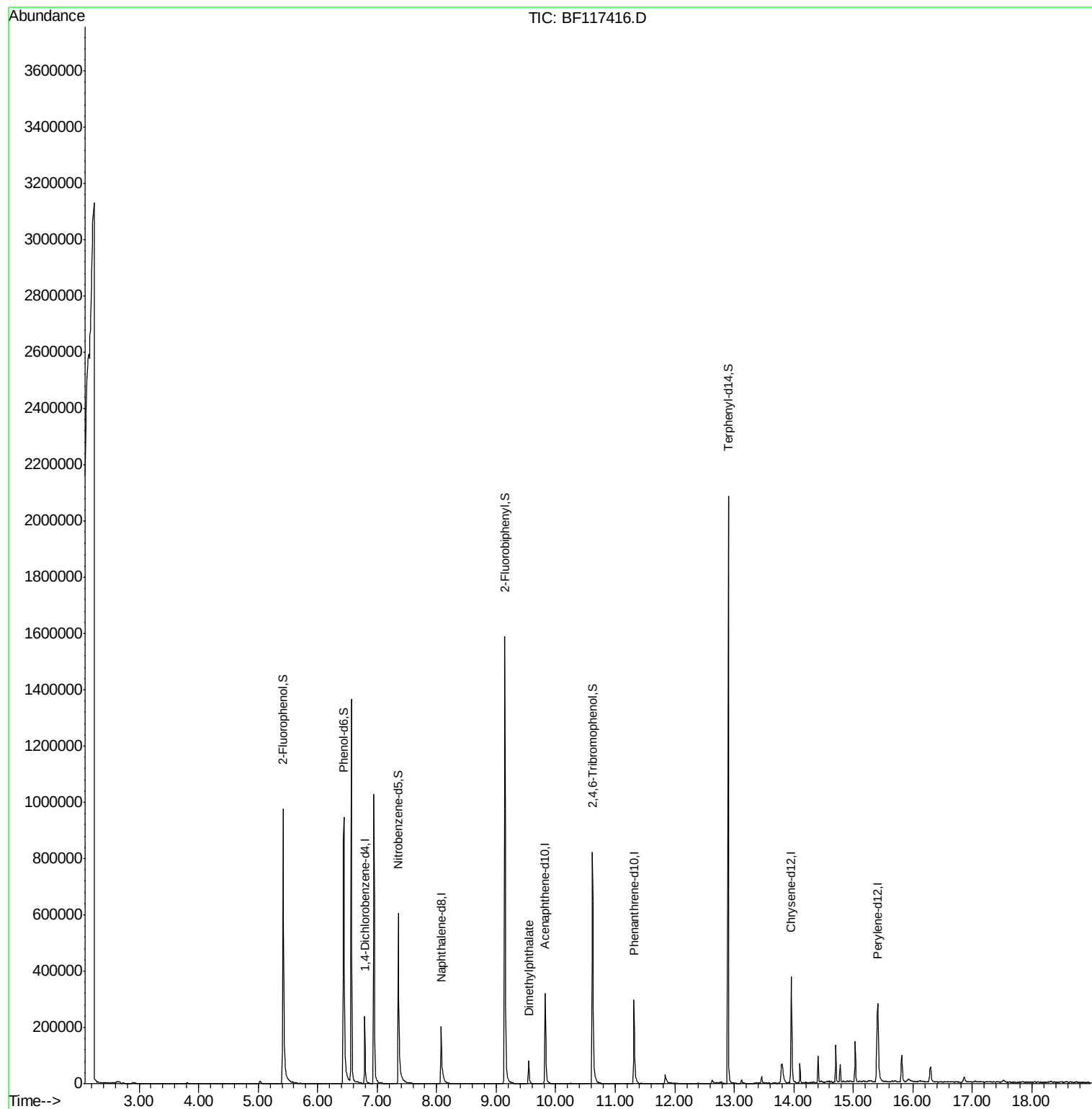
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	42698	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	171098	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	90781	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	162069	20.00	ng	0.00
76) Chrysene-d12	13.96	240	150068	20.00	ng	0.00
87) Perylene-d12	15.42	264	148673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	345383	124.46	ng	0.00
7) Phenol-d6	6.44	99	455606	123.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	301138	89.22	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	112632	152.45	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	557033	89.46	ng	0.00
79) Terphenyl-d14	12.90	244	688761	74.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	48034	7.368	ng	Qvalue # 95

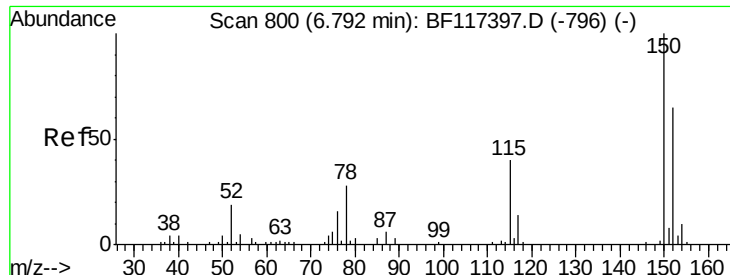
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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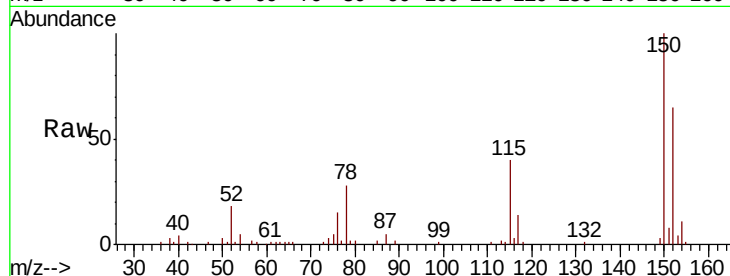


#1

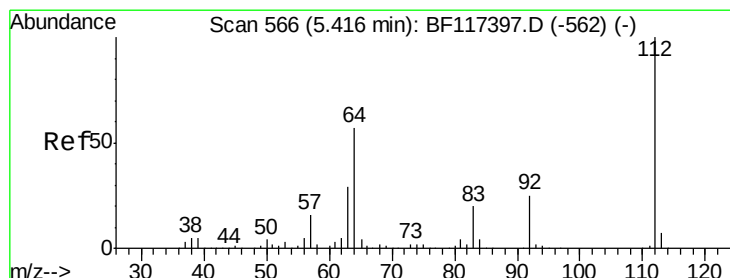
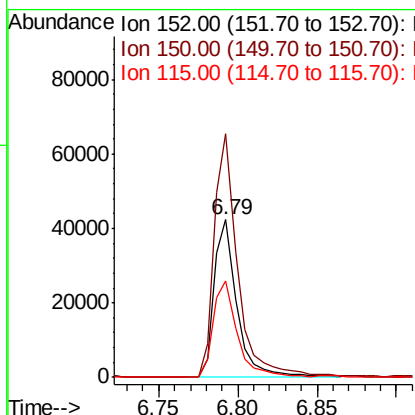
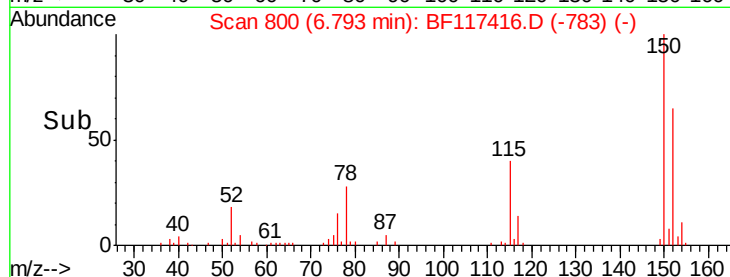
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tot Ion:152 Resp: 42698
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 61.6 48.6 73.0



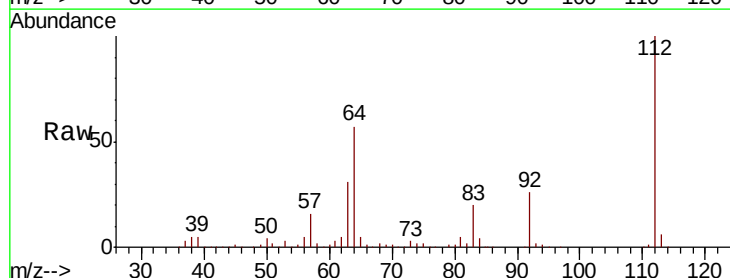
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



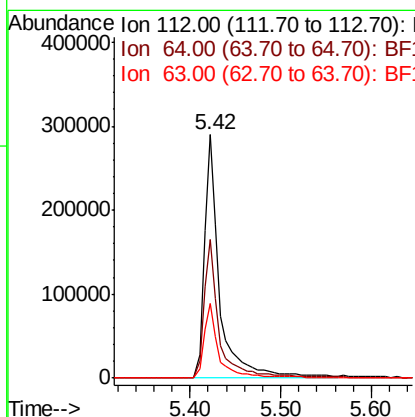
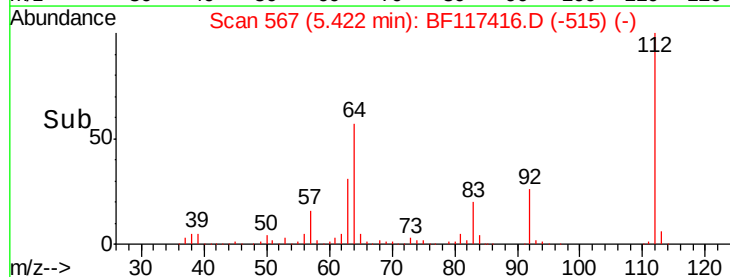
#5

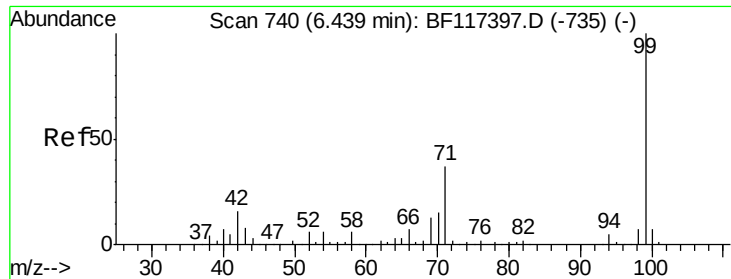
2-Fluorophenol
Concen: 124.459 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:112 Resp: 345383
Ion Ratio Lower Upper
112 100
64 57.0 45.2 67.8
63 30.5 23.4 35.2



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: 123.739 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117416.D

Acq: 16 Oct 2019 16:26

Instrument :

BNA_F

ClientSampleId :

IDW-GAC2-191010

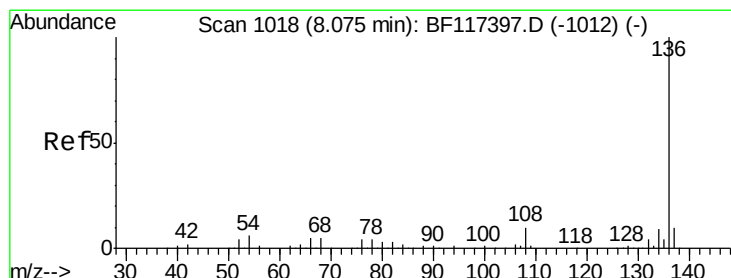
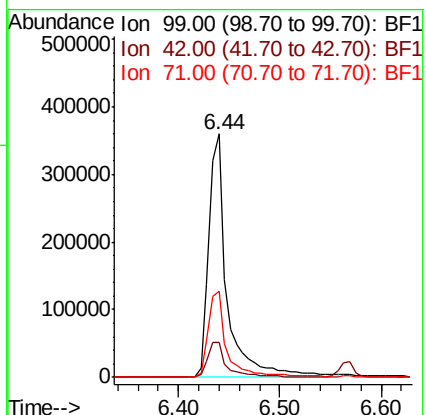
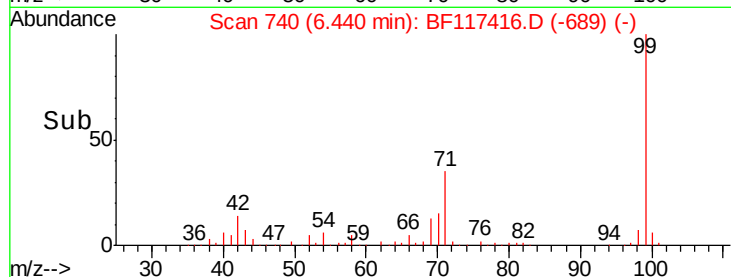
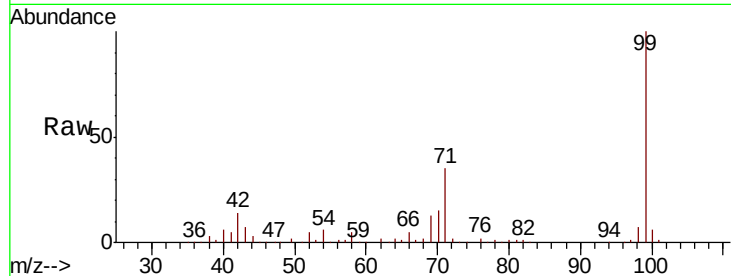
Tot Ion: 99 Resp: 455606

Ion Ratio Lower Upper

99 100

42 14.5 12.5 18.7

71 35.2 29.2 43.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF117416.D

Acq: 16 Oct 2019 16:26

Tgt Ion: 136 Resp: 171098

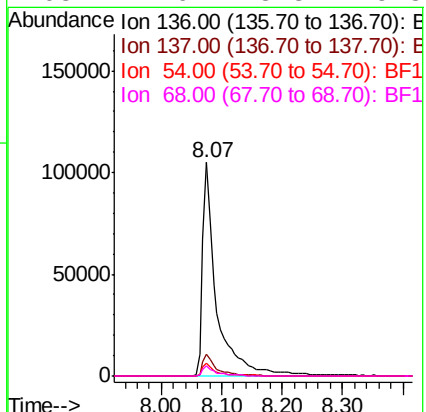
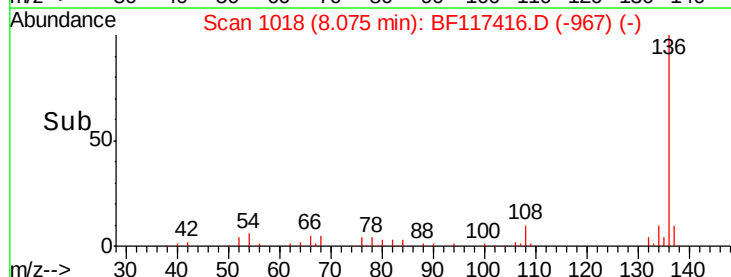
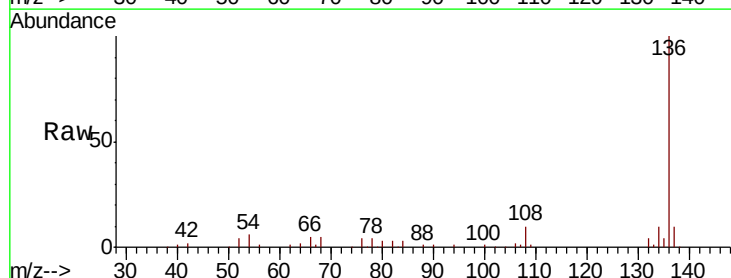
Ion Ratio Lower Upper

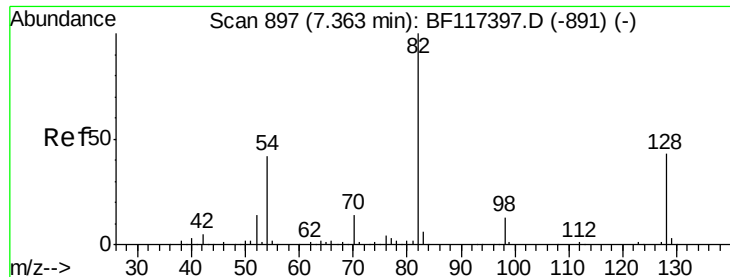
136 100

137 10.5 8.4 12.6

54 6.1 4.6 6.8

68 4.6 3.8 5.8

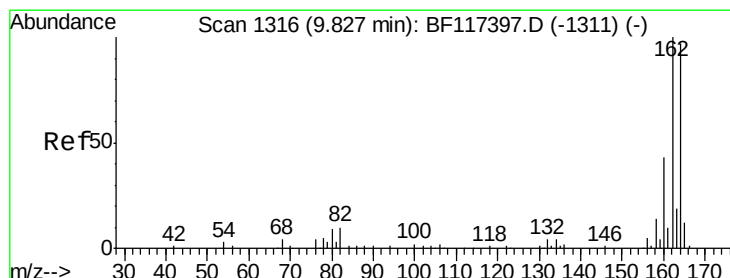
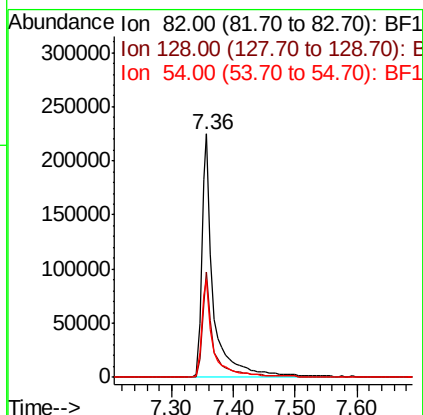
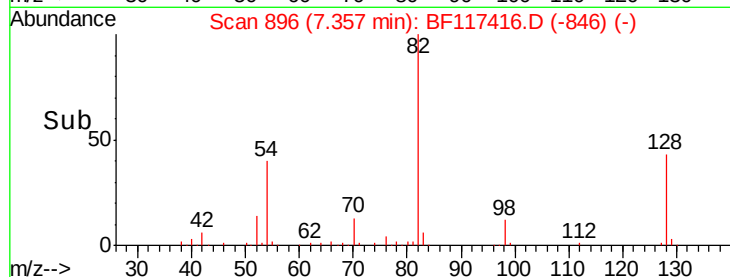
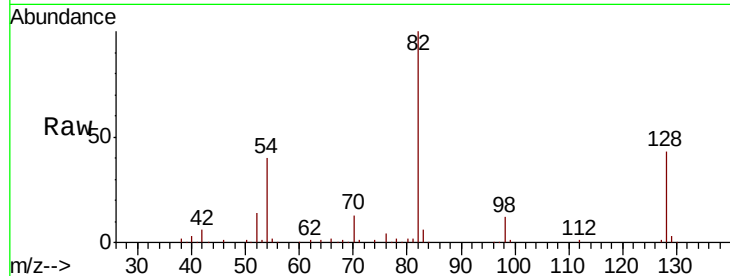




#23
 Nitrobenzene-d5
 Concen: 89.217 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117416.D
 Acq: 16 Oct 2019 16:26

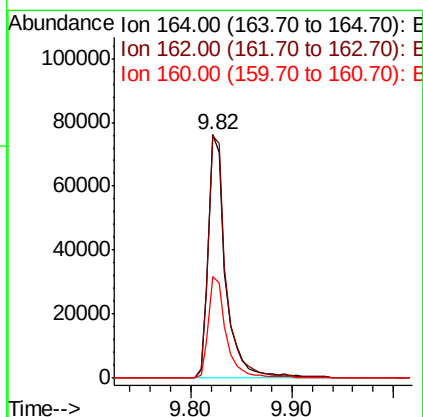
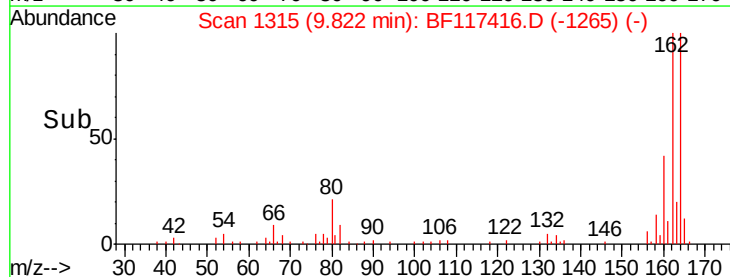
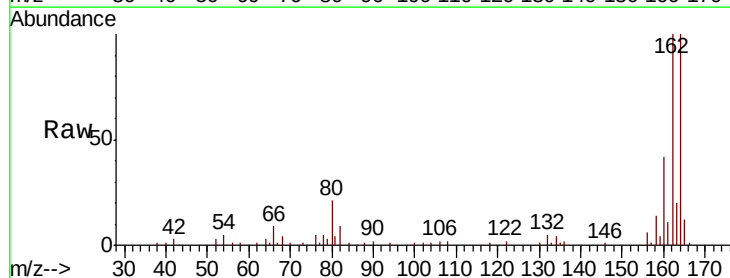
Instrument :
 BNA_F
 ClientSampleId :
 IDW-GAC2-191010

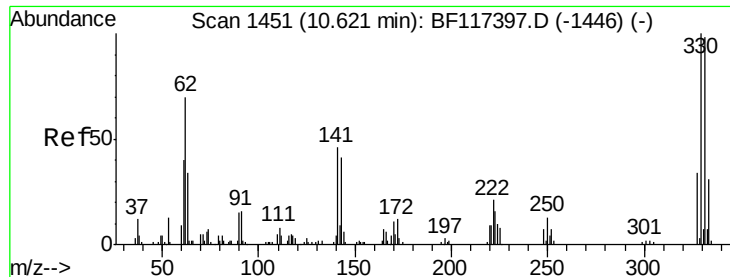
Tot Ion	82	Resp	301138
Ion Ratio	100	Lower	Upper
128	43.0	34.1	51.1
54	40.0	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF117416.D
 Acq: 16 Oct 2019 16:26

Tgt Ion	164	Resp	90781
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.7	82.4	123.6
160	41.9	35.4	53.0

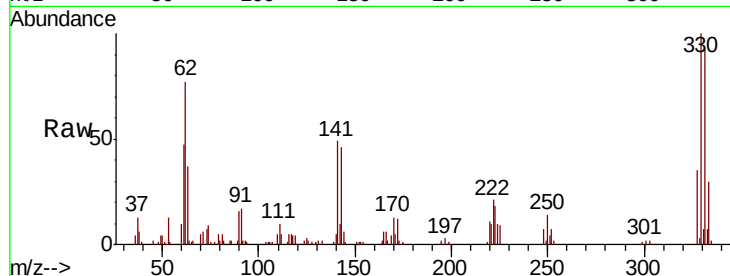




#42
 2,4,6-Tribromophenol
 Concen: 152.445 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF117416.D
 Acq: 16 Oct 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 IDW-GAC2-191010

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.0	112.6
141	43.4	34.2	51.4

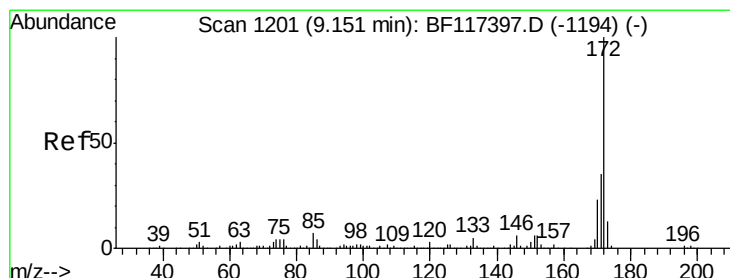
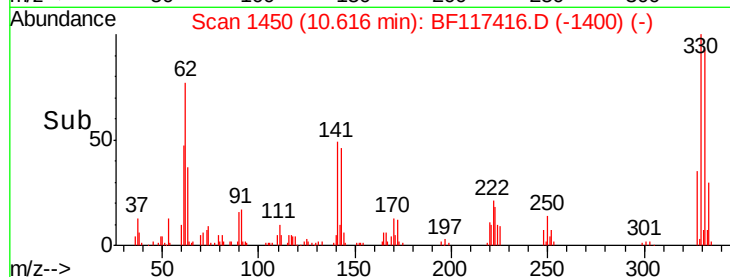
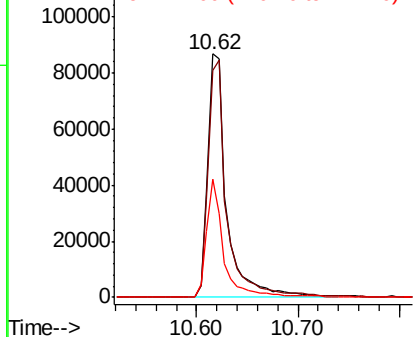


Abundance

Ion 329.80 (329.50 to 330.50): E

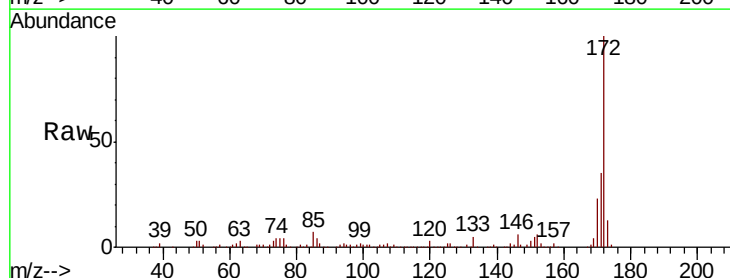
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.456 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF117416.D
 Acq: 16 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	22.9	18.2	27.2

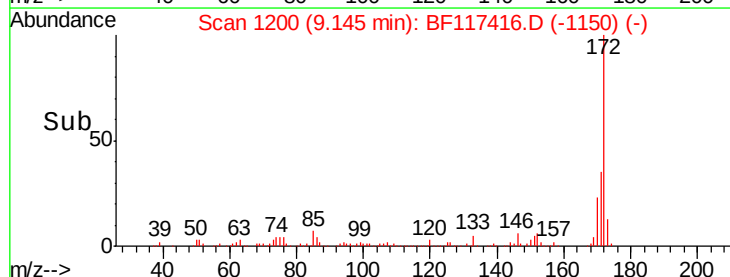
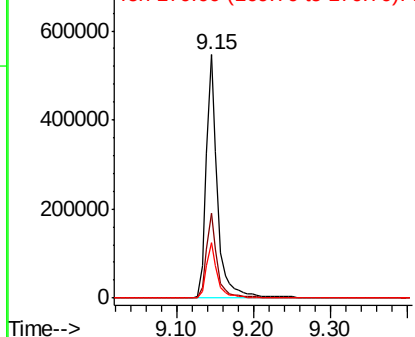


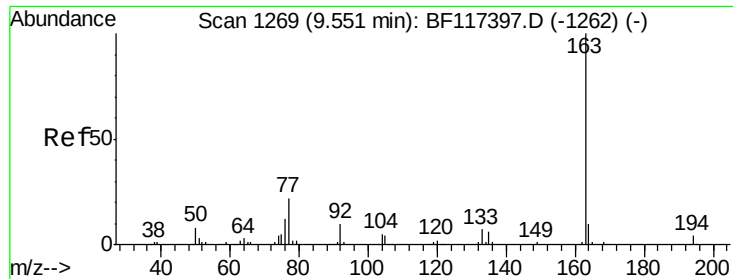
Abundance

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

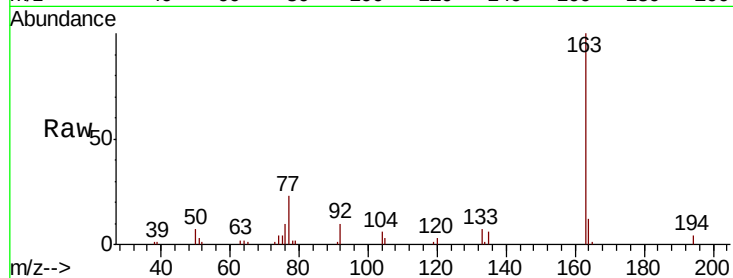




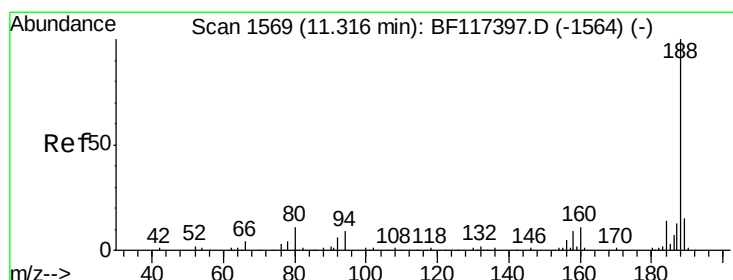
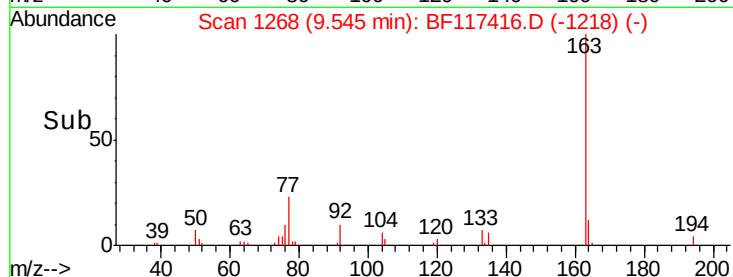
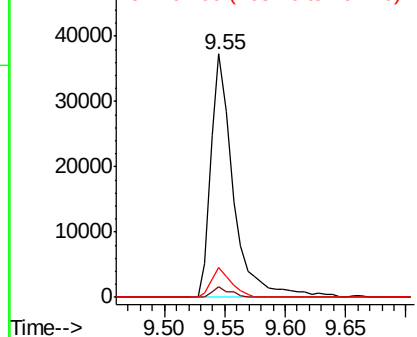
#50
Dimethylphthalate
Concen: 7.368 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tot Ion:163 Resp: 48034
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 12.4 8.0 12.0#

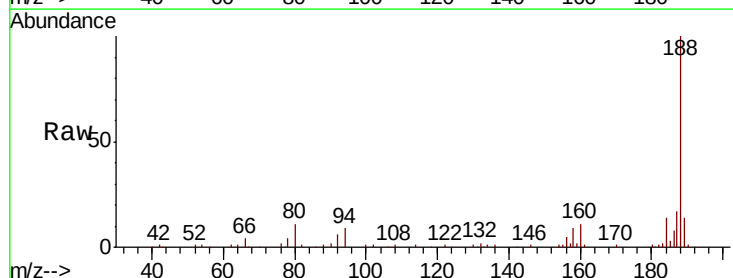


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

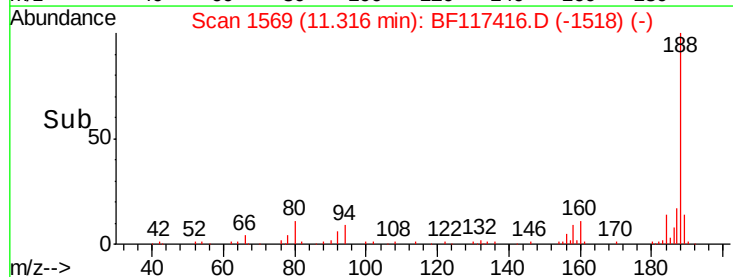
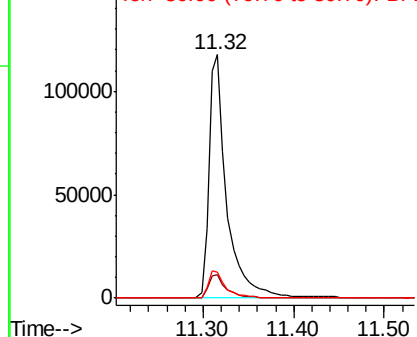


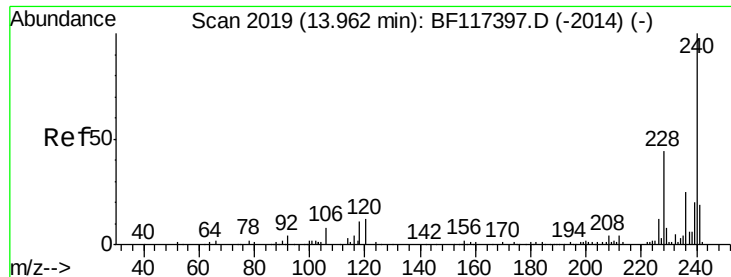
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:188 Resp: 162069
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.6 8.7 13.1



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

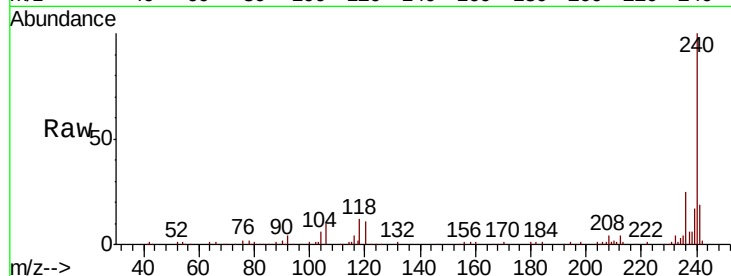




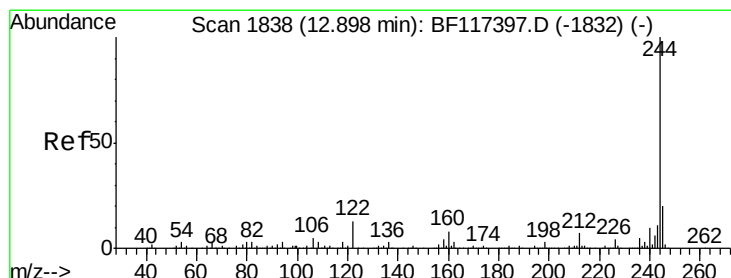
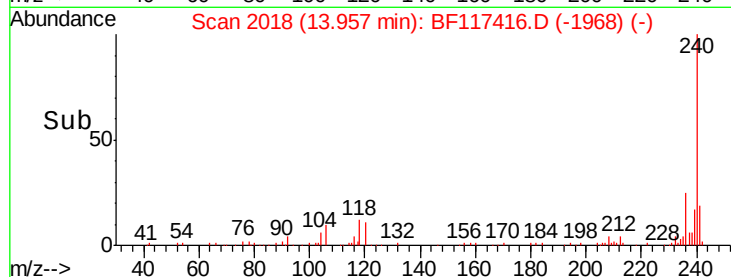
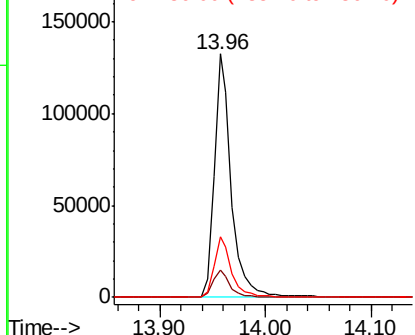
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tot Ion:240 Resp: 150068
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.0
236 24.7 19.8 29.6

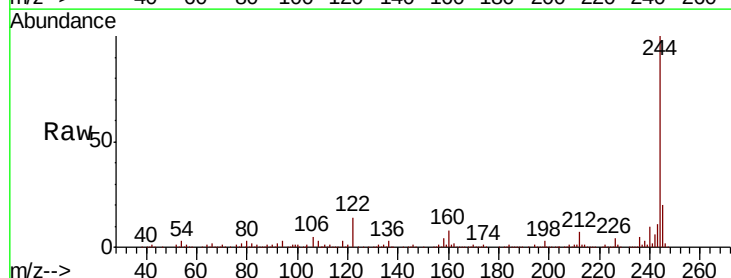


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

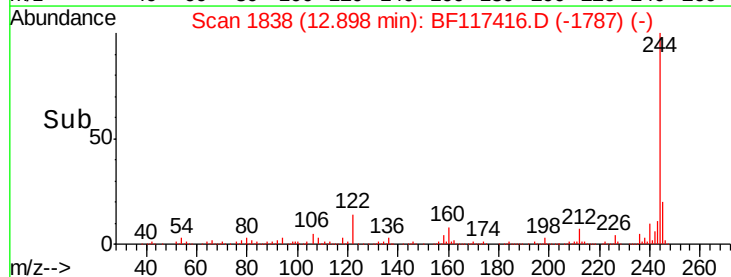
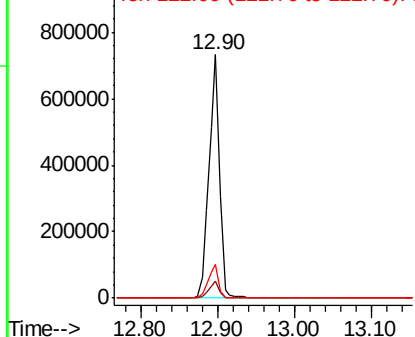


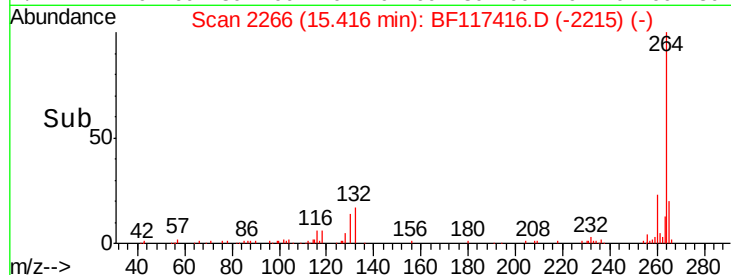
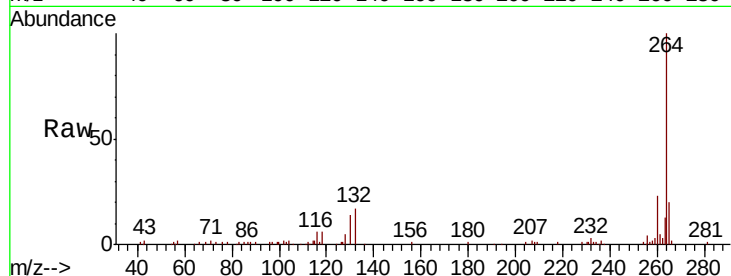
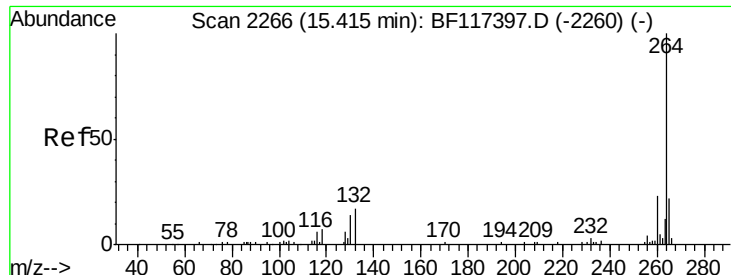
#79
Terphenyl-d14
Concen: 74.819 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:244 Resp: 688761
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 13.7 10.7 16.1



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. 0.00 min
 Lab File: BF117416.D
 Acq: 16 Oct 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 IDW-GAC2-191010

Tot Ion:	264	Resp:	148673
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	19.9	17.4	26.0

