

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117458.D
 Acq On : 21 Oct 2019 20:15
 Operator : JU
 Sample : K5147-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-101819

Quant Time: Oct 22 02:22:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	64015	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	263071	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	137775	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	237249	20.00	ng	0.00
76) Chrysene-d12	13.89	240	212012	20.00	ng	0.00
87) Perylene-d12	15.32	264	171812	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	355822	82.69	ng	0.01
7) Phenol-d6	6.39	99	472530	81.76	ng	0.00
23) Nitrobenzene-d5	7.30	82	301598	56.60	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	108719	91.20	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	546580	55.90	ng	0.00
79) Terphenyl-d14	12.83	244	628984	48.39	ng	0.00

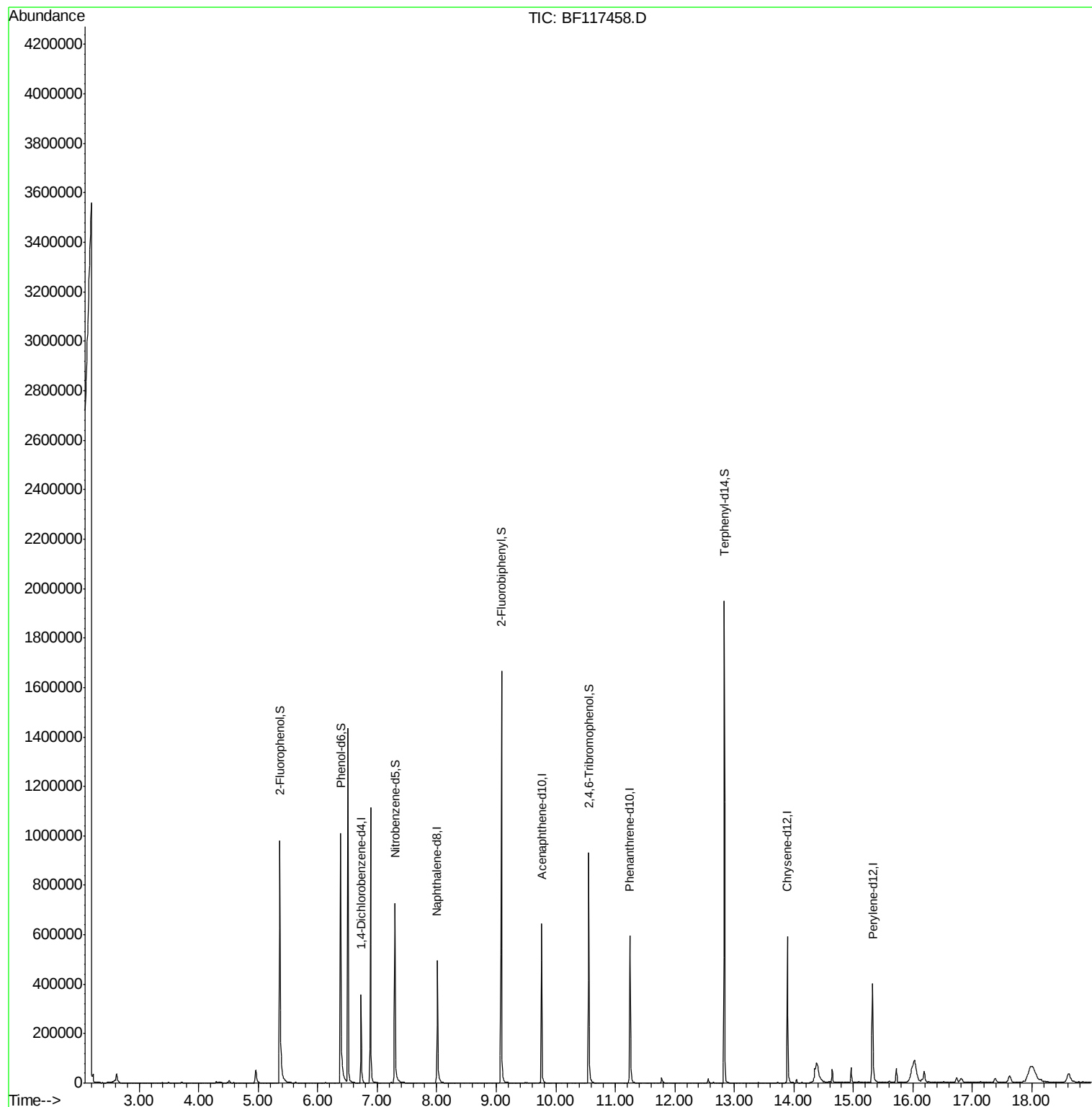
Target Compounds Qvalue

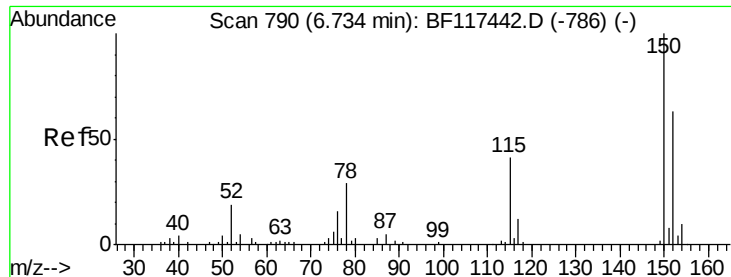
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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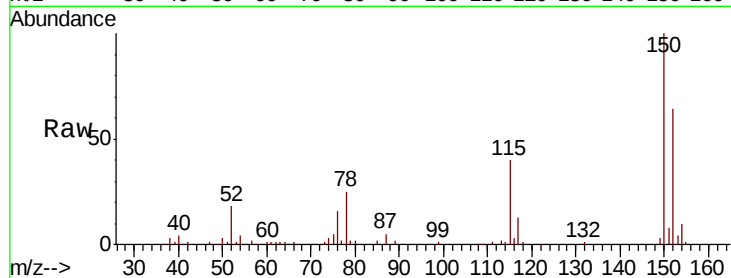


#1

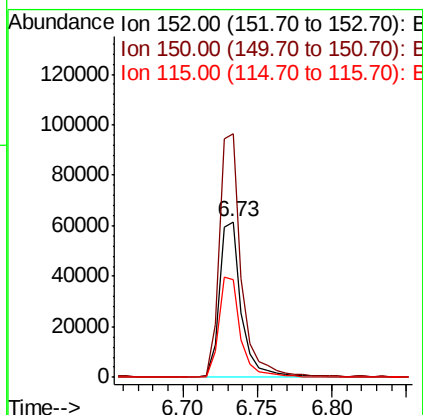
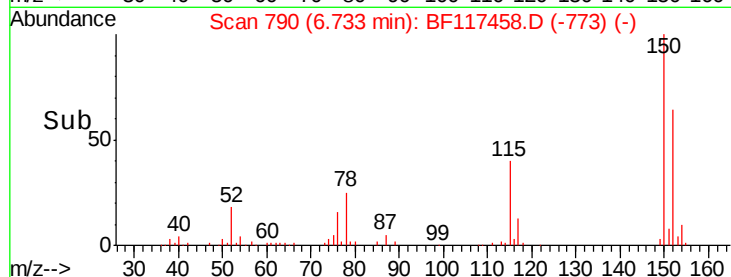
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117458.D
Acq: 21 Oct 2019 20:15

Instrument :
BNA_F
ClientSampleId :
OK-02-101819

Tot Ion:152 Resp: 64015
Ion Ratio Lower Upper
152 100
150 156.3 126.8 190.2
115 62.3 51.6 77.4



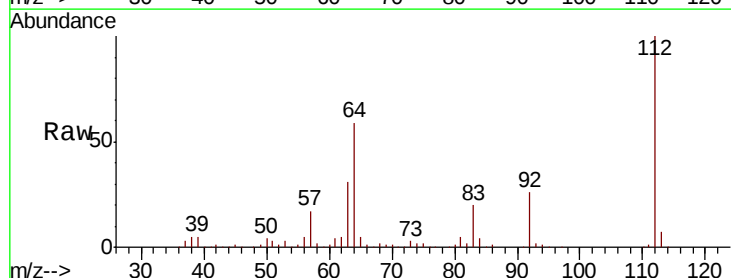
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



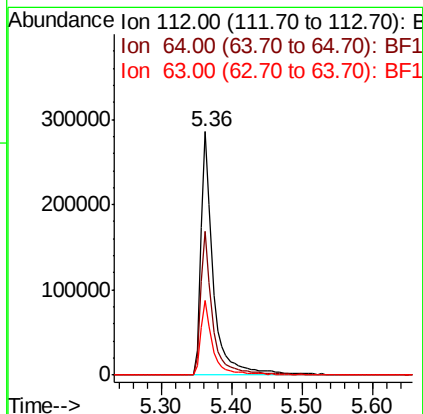
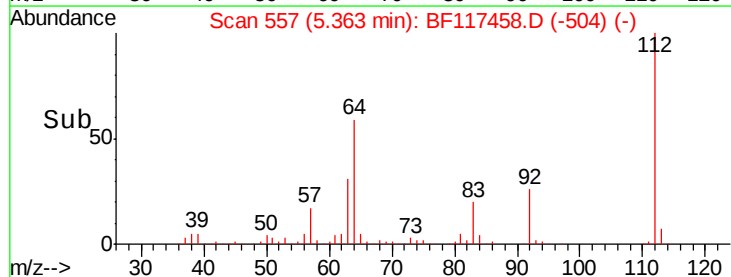
#5

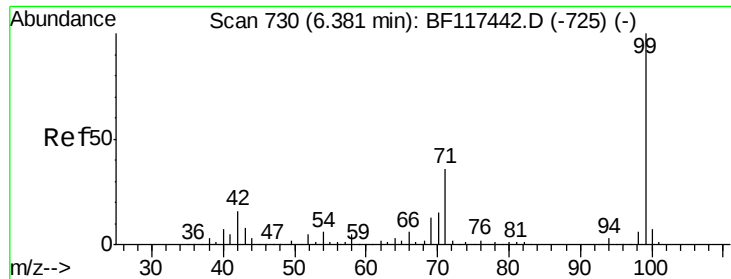
2-Fluorophenol
Concen: 82.693 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117458.D
Acq: 21 Oct 2019 20:15

Tgt Ion:112 Resp: 355822
Ion Ratio Lower Upper
112 100
64 59.2 44.1 66.1
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: 81.762 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117458.D

Acq: 21 Oct 2019 20:15

Instrument :

BNA_F

ClientSampleId :

OK-02-101819

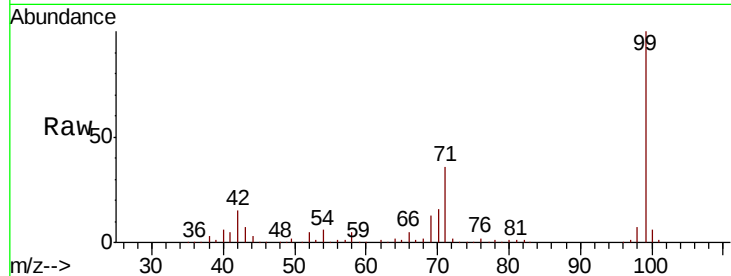
Tot Ion: 99 Resp: 472530

Ion Ratio Lower Upper

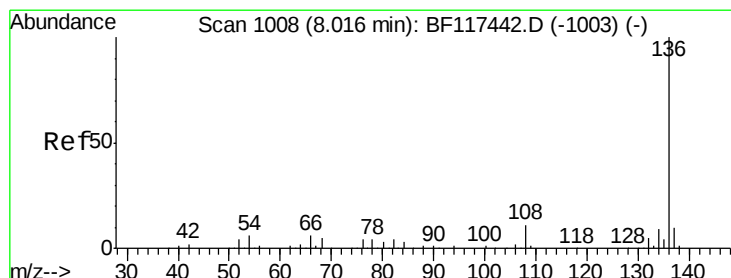
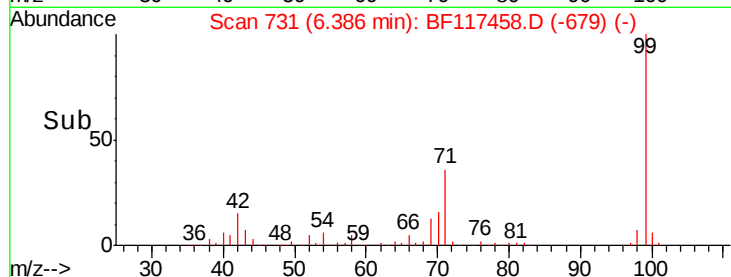
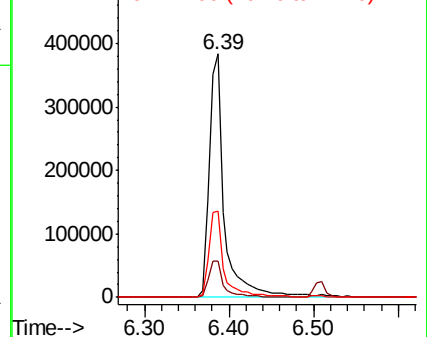
99 100

42 14.8 12.8 19.2

71 35.6 28.6 43.0



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117458.D

Acq: 21 Oct 2019 20:15

Tgt Ion: 136 Resp: 263071

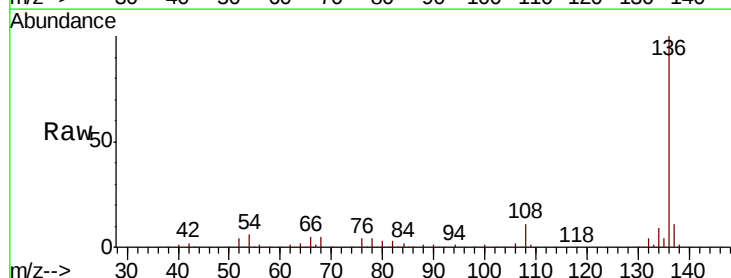
Ion Ratio Lower Upper

136 100

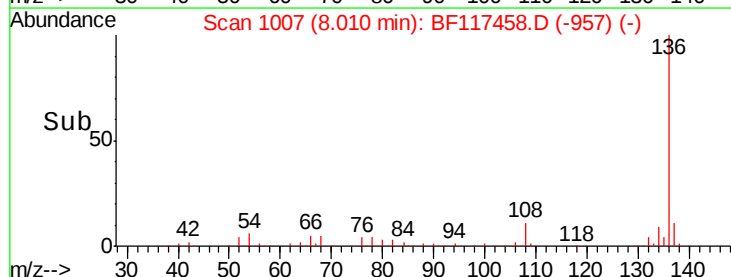
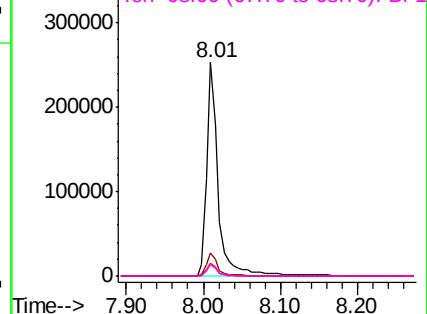
137 10.9 8.2 12.4

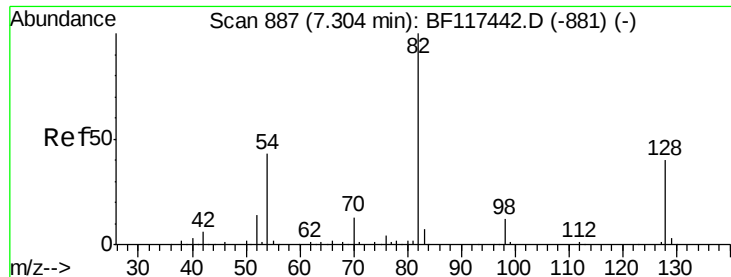
54 6.2 4.5 6.7

68 5.2 4.3 6.5



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

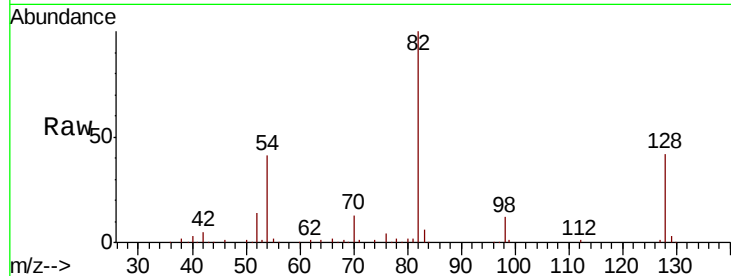




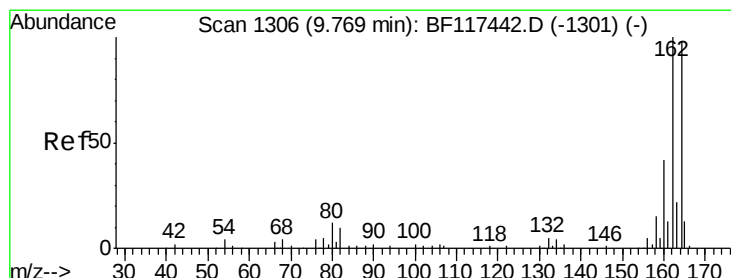
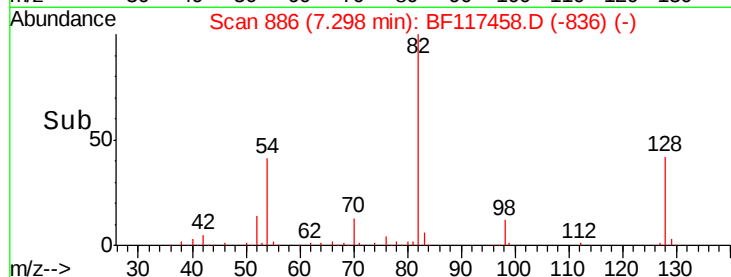
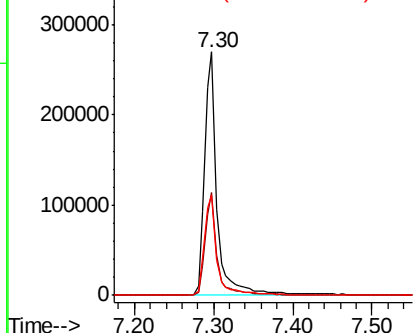
#23
 Nitrobenzene-d5
 Concen: 56.598 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117458.D
 Acq: 21 Oct 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-101819

Tot Ion: 82 Resp: 301598
 Ion Ratio Lower Upper
 82 100
 128 42.4 32.2 48.2
 54 41.0 34.2 51.2

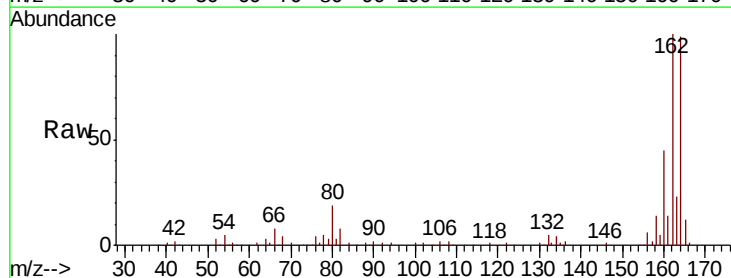


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

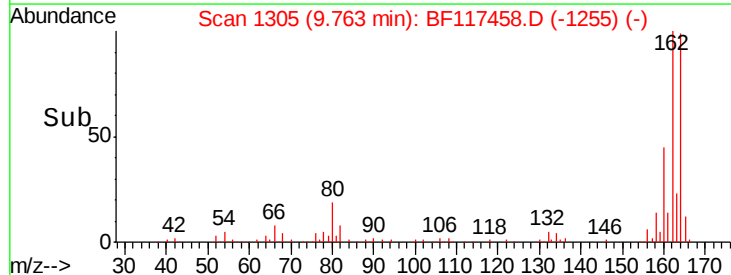
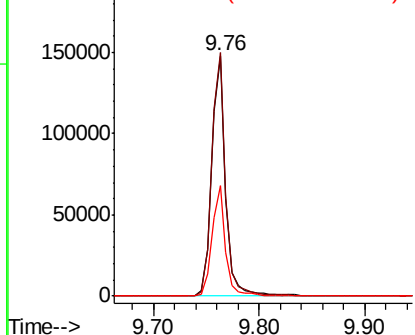


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117458.D
 Acq: 21 Oct 2019 20:15

Tgt Ion: 164 Resp: 137775
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.8 122.6
 160 46.0 34.4 51.6



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

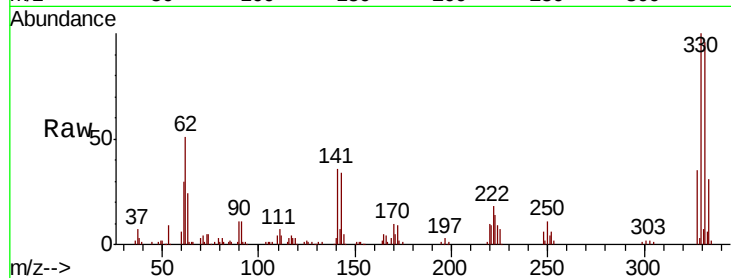




#42
 2,4,6-Tribromophenol
 Concen: 91.199 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117458.D
 Acq: 21 Oct 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-101819

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.5	117.7
141	44.6	37.0	55.6

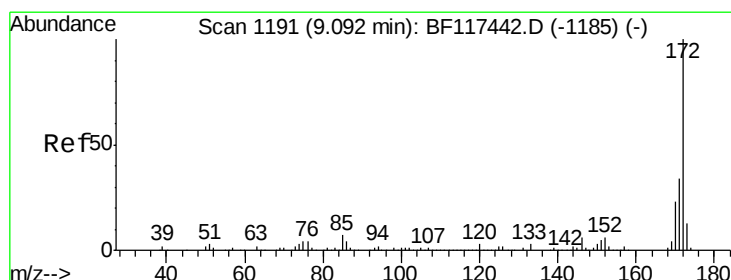
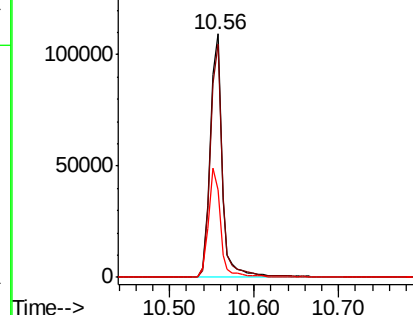
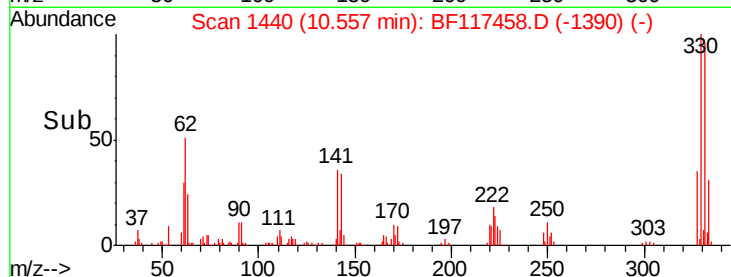


Abundance

Ion 329.80 (329.50 to 330.50): E

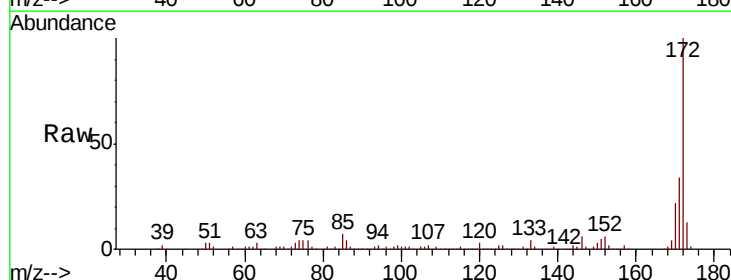
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 55.897 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117458.D
 Acq: 21 Oct 2019 20:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.5	41.3
170	22.3	18.6	27.8

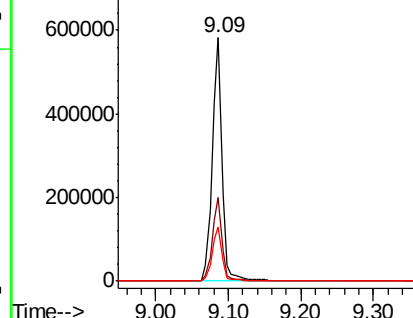
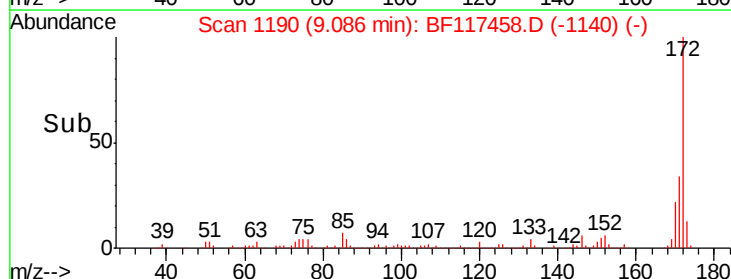


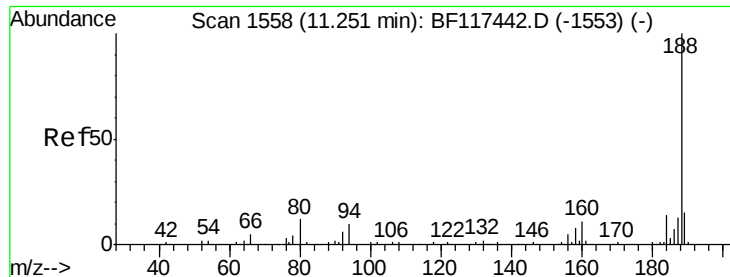
Abundance

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

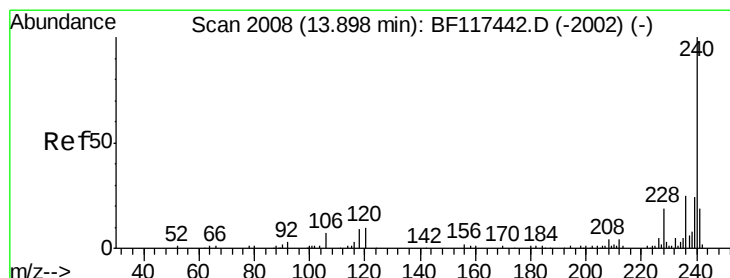
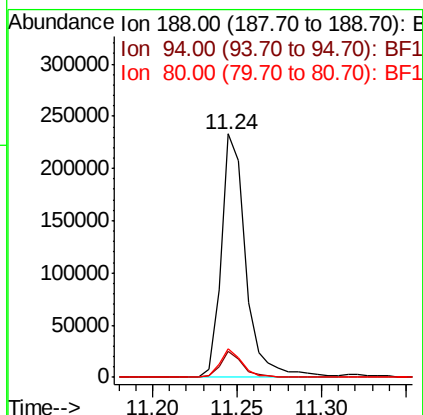
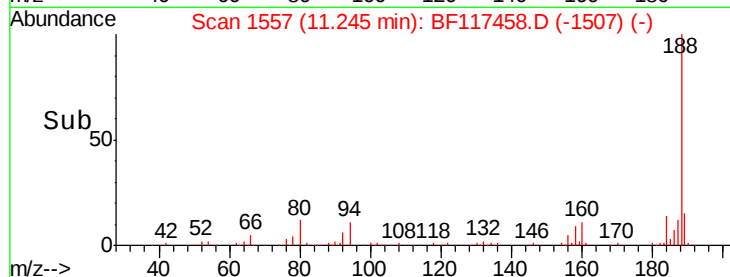
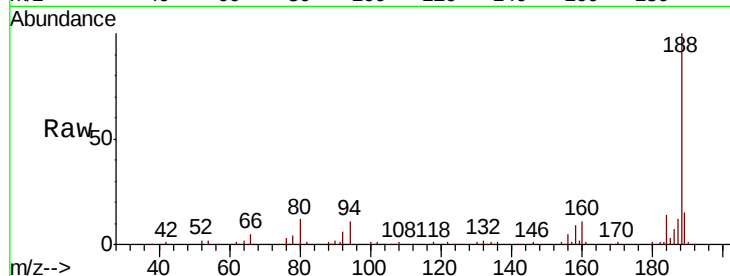




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117458.D
Acq: 21 Oct 2019 20:15

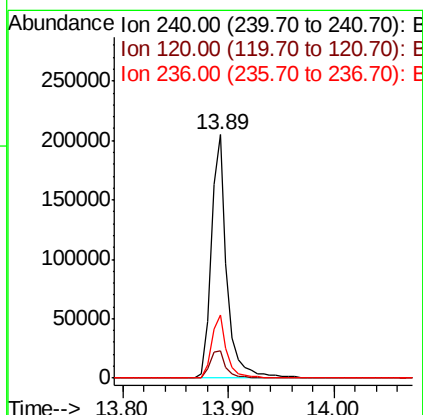
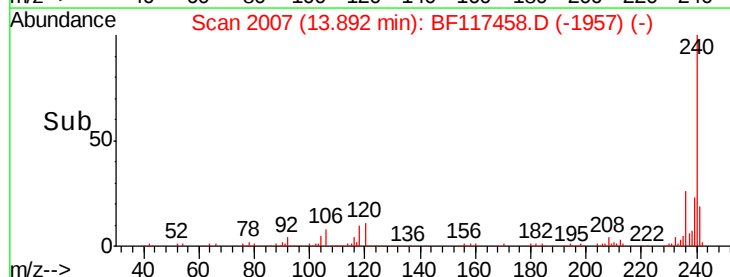
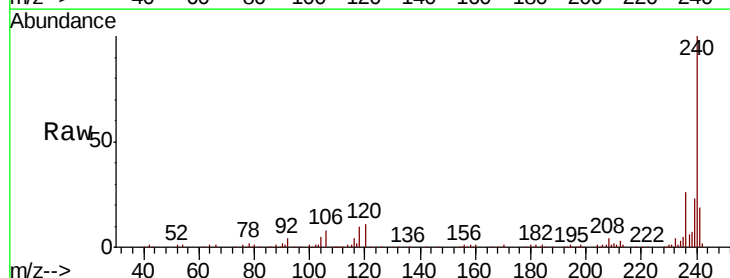
Instrument :
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OK-02-101819

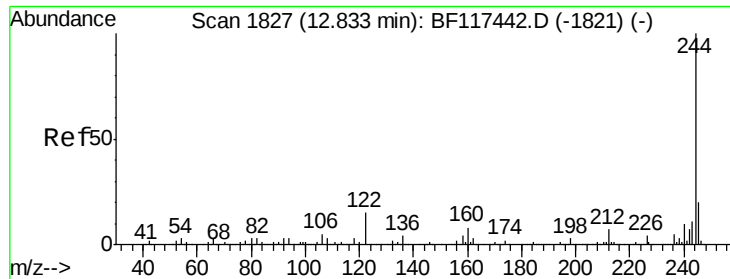
Tot Ion:188 Resp: 237249
Ion Ratio Lower Upper
188 100
94 10.9 8.0 12.0
80 11.7 9.5 14.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117458.D
Acq: 21 Oct 2019 20:15

Tgt Ion:240 Resp: 212012
Ion Ratio Lower Upper
240 100
120 11.3 8.4 12.6
236 26.1 20.0 30.0





#79

Terphenyl-d14

Concen: 48.391 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117458.D

Acq: 21 Oct 2019 20:15

Instrument :

BNA_F

ClientSampleId :

OK-02-101819

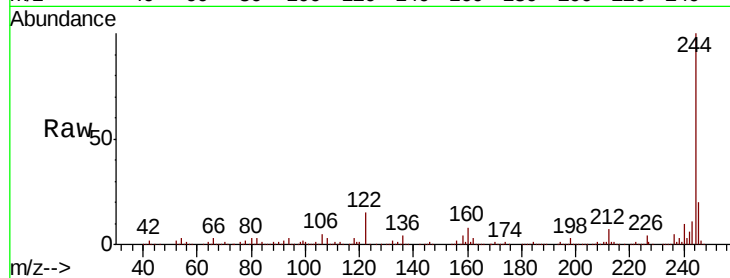
Tot Ion:244 Resp: 628984

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

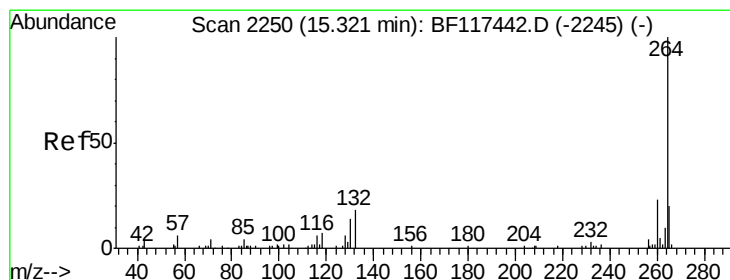
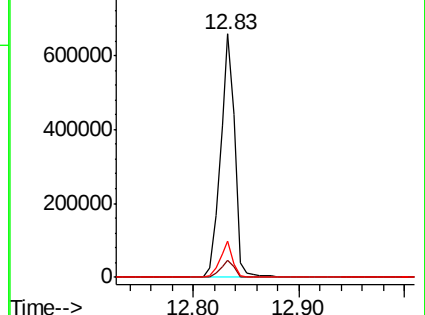
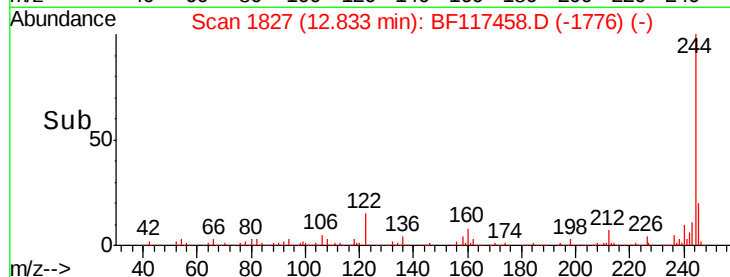
122 14.7 11.8 17.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.00 min

Lab File: BF117458.D

Acq: 21 Oct 2019 20:15

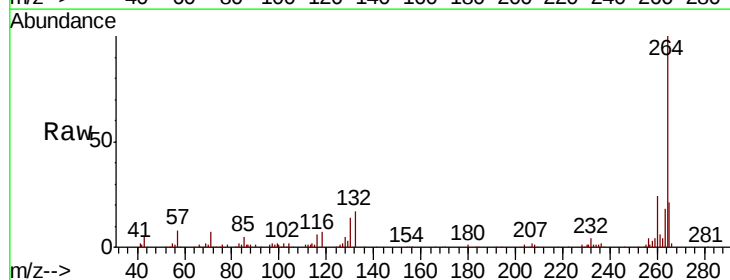
Tgt Ion:264 Resp: 171812

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 20.9 16.1 24.1



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

