

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117414.D
 Acq On : 16 Oct 2019 15:33
 Operator : JU
 Sample : PB123985BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123985BL

Quant Time: Oct 17 01:16:49 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	40649	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	169561	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	88922	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	157086	20.00	ng	0.00
76) Chrysene-d12	13.96	240	136364	20.00	ng	0.00
87) Perylene-d12	15.42	264	139992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	237635	89.95	ng	0.00
7) Phenol-d6	6.43	99	219879	62.73	ng	0.00
23) Nitrobenzene-d5	7.36	82	307455	91.91	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	101147	139.76	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	537464	88.12	ng	0.00
79) Terphenyl-d14	12.90	244	657518	78.60	ng	0.00

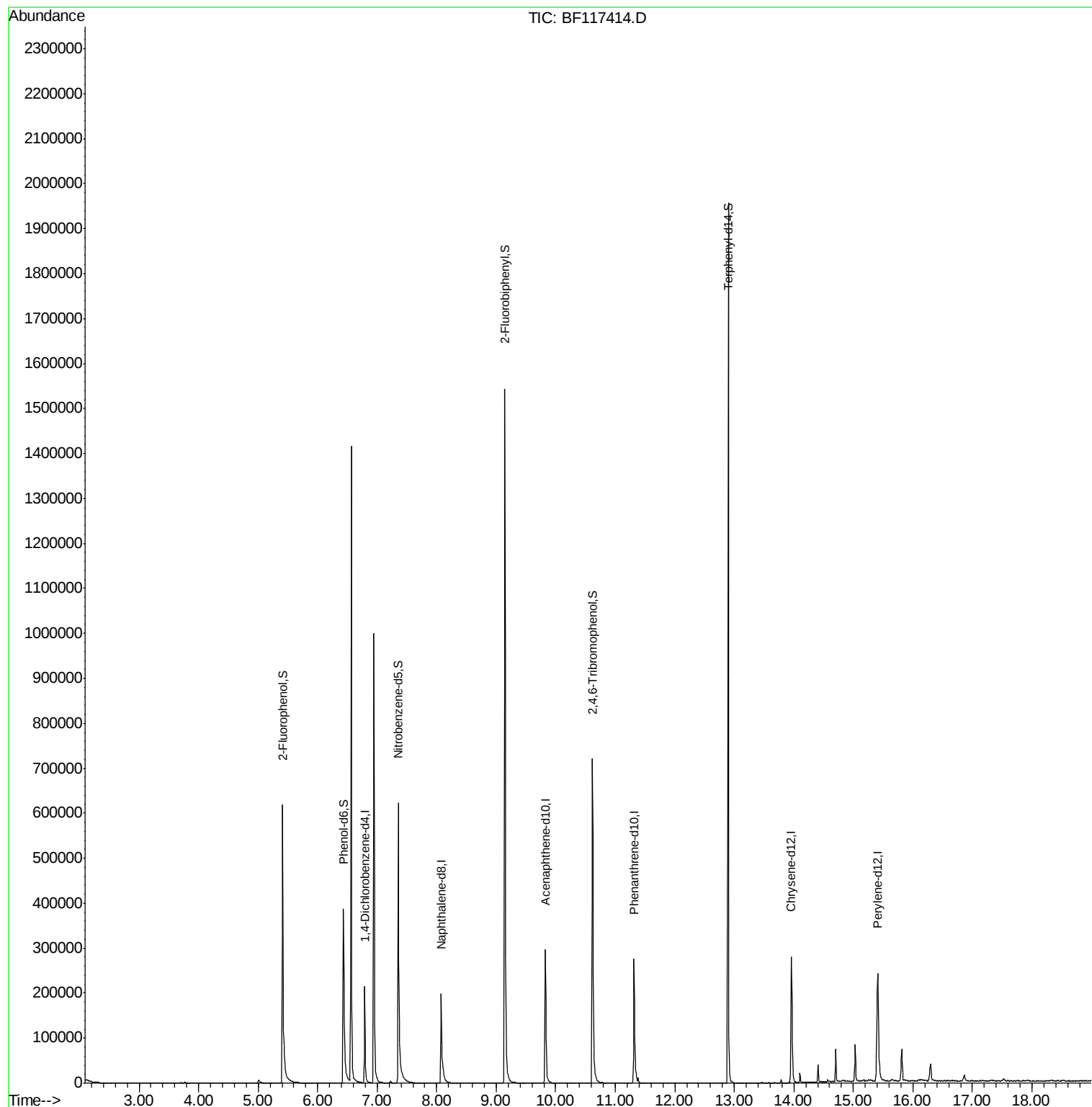
Target Compounds Qvalue

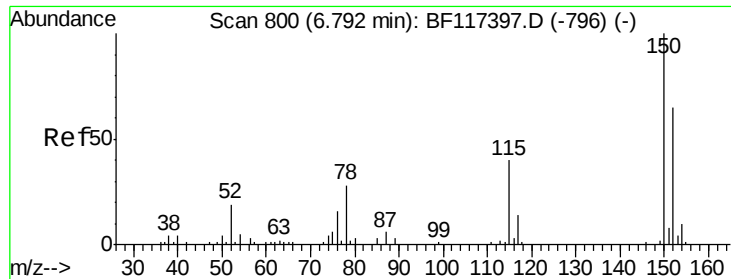
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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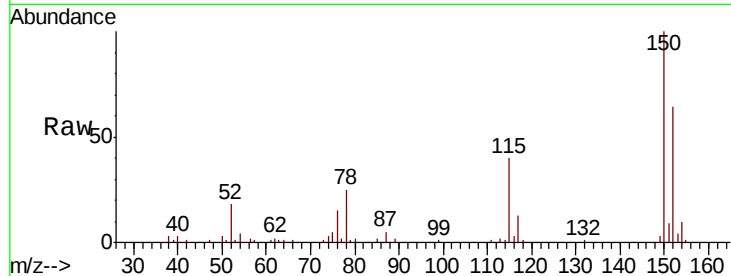


#1

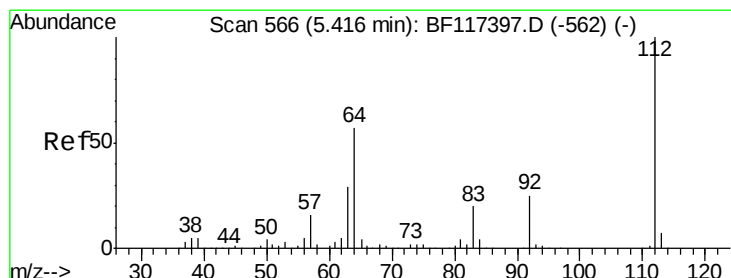
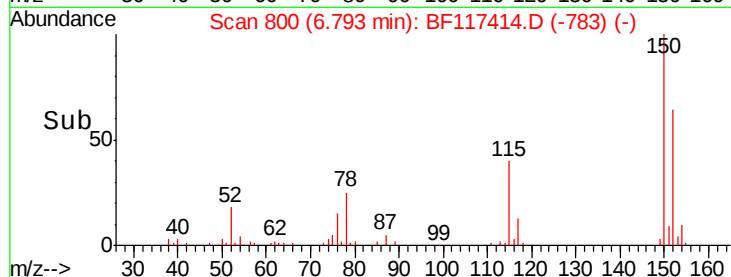
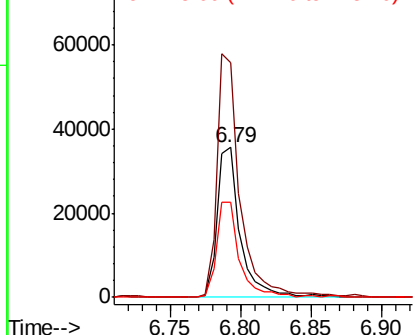
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF117414.D
 Acq: 16 Oct 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :
 PB123985BL

Tot Ion:152 Resp: 40649
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.7 184.1
 115 63.5 48.6 73.0



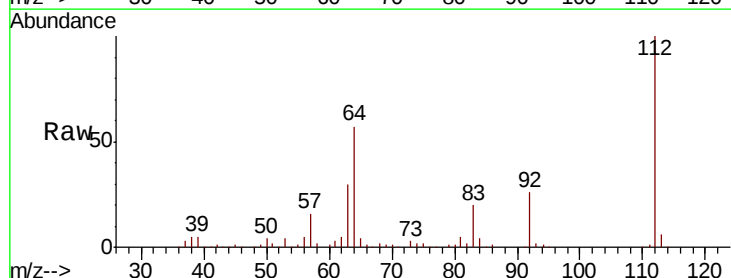
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



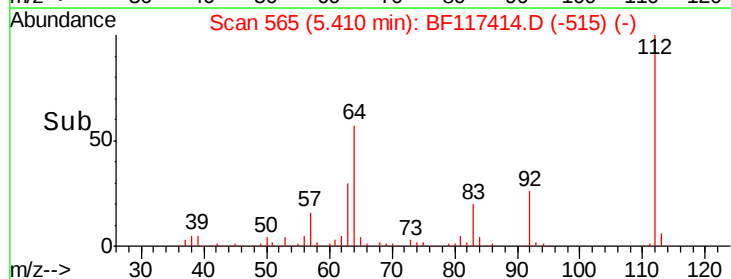
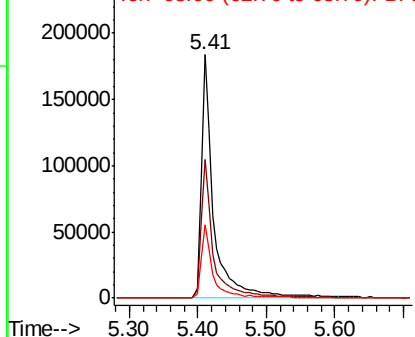
#5

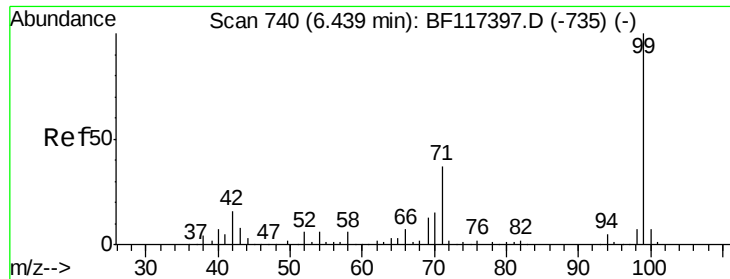
2-Fluorophenol
 Concen: 89.949 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF117414.D
 Acq: 16 Oct 2019 15:33

Tgt Ion:112 Resp: 237635
 Ion Ratio Lower Upper
 112 100
 64 57.1 45.2 67.8
 63 30.2 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: 62.728 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF117414.D

Acq: 16 Oct 2019 15:33

Instrument :

BNA_F

ClientSampleId :

PB123985BL

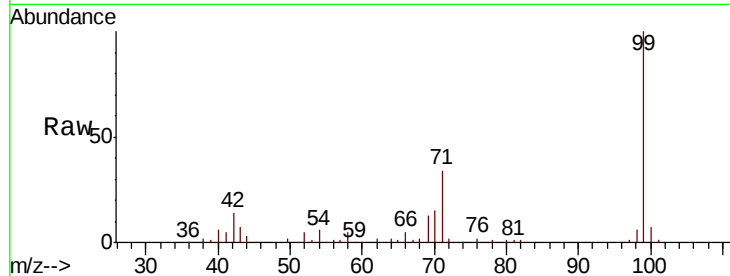
Tot Ion: 99 Resp: 219879

Ion Ratio Lower Upper

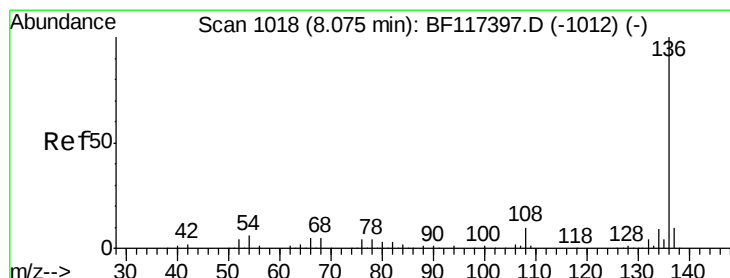
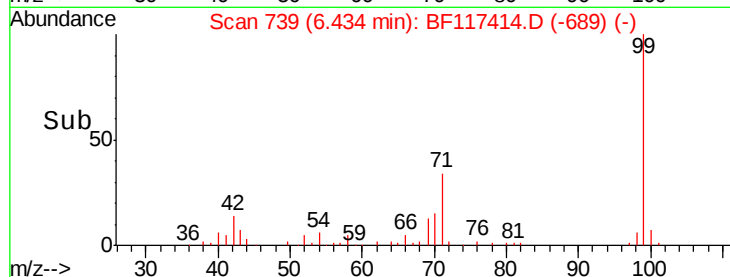
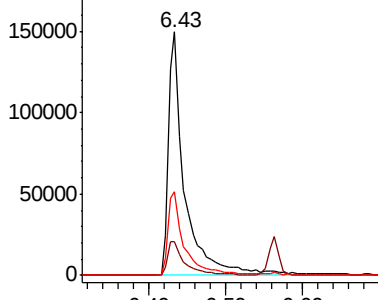
99 100

42 13.9 12.5 18.7

71 34.5 29.2 43.8



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. 0.00 min

Lab File: BF117414.D

Acq: 16 Oct 2019 15:33

Tgt Ion: 136 Resp: 169561

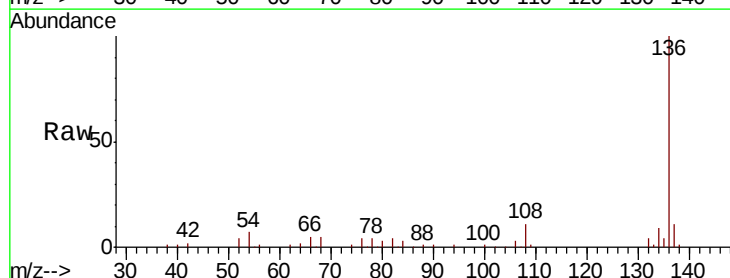
Ion Ratio Lower Upper

136 100

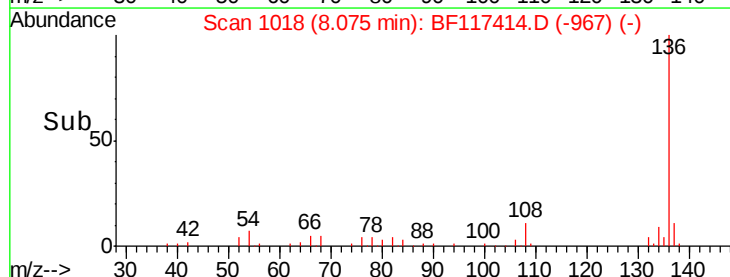
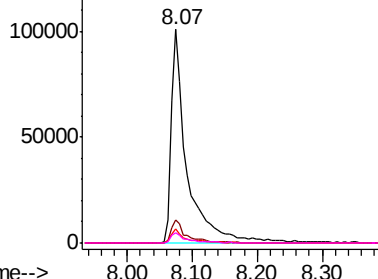
137 11.1 8.4 12.6

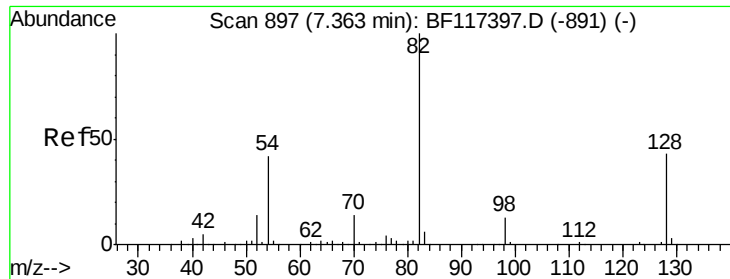
54 6.9 4.6 6.8#

68 4.9 3.8 5.8



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

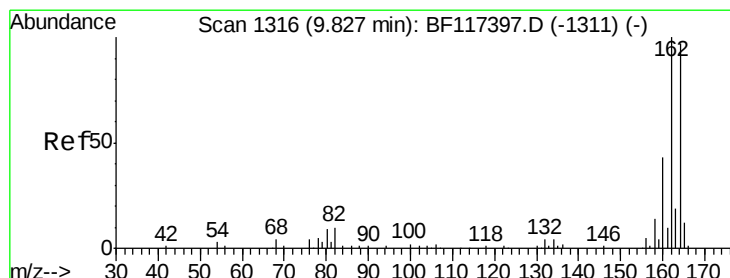
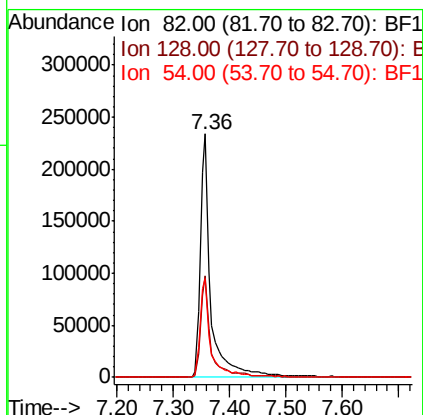
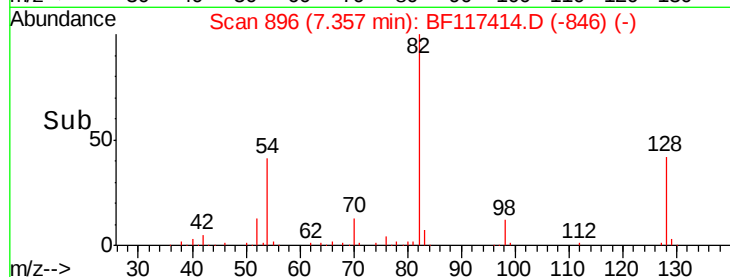
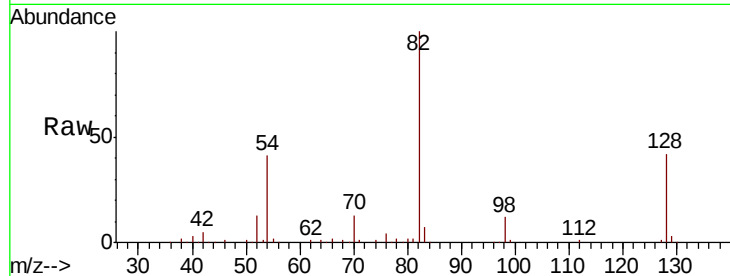




#23
Nitrobenzene-d5
Concen: 91.914 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117414.D
Acq: 16 Oct 2019 15:33

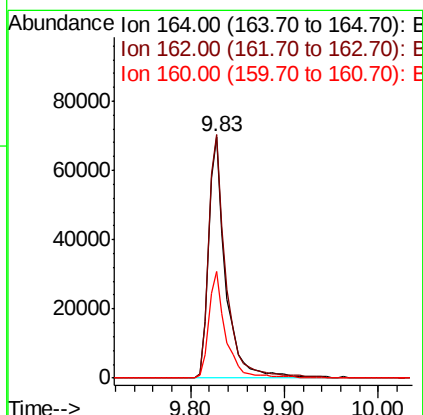
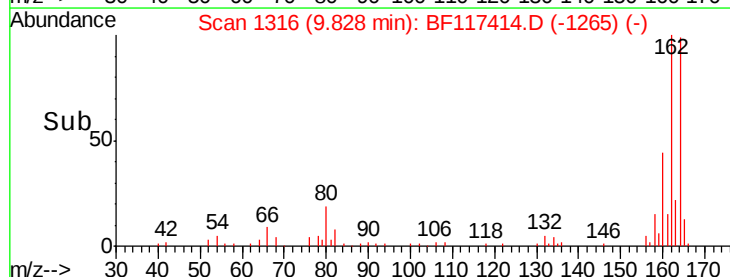
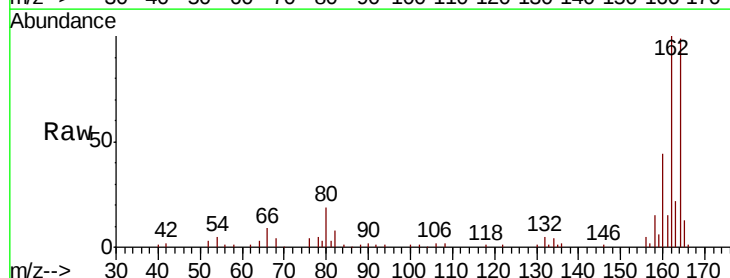
Instrument :
BNA_F
ClientSampleId :
PB123985BL

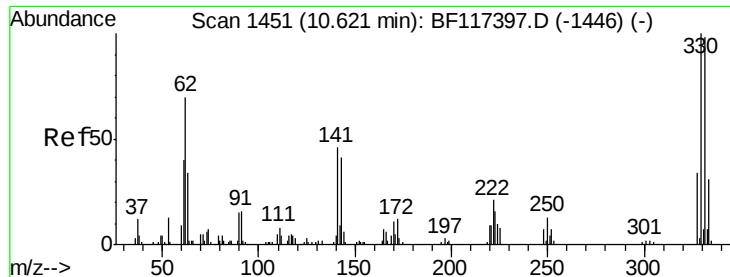
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.1	51.1
54	40.7	33.3	49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117414.D
Acq: 16 Oct 2019 15:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.4	123.6
160	44.0	35.4	53.0

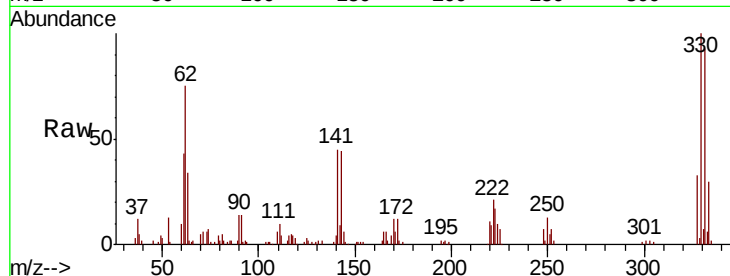




#42
 2,4,6-Tribromophenol
 Concen: 139.763 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF117414.D
 Acq: 16 Oct 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :
 PB123985BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.0	112.6
141	42.6	34.2	51.4

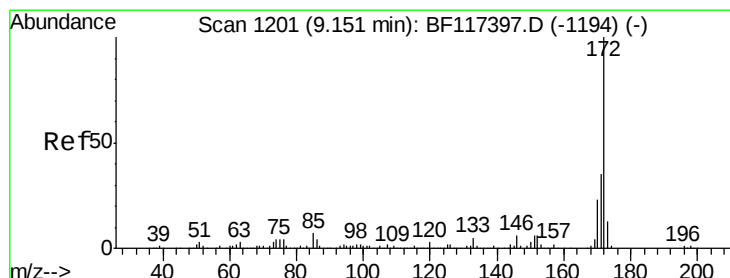
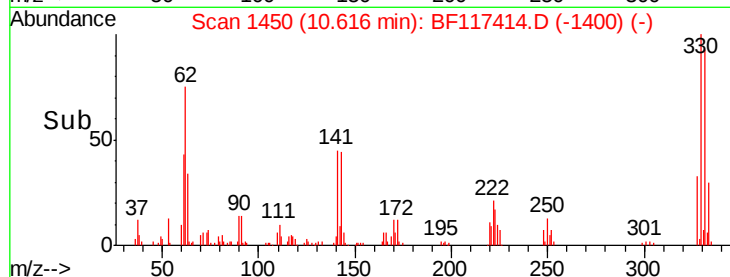
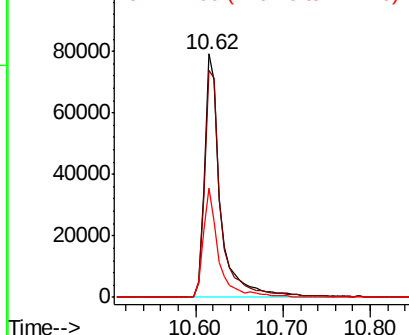


Abundance

Ion 329.80 (329.50 to 330.50): E

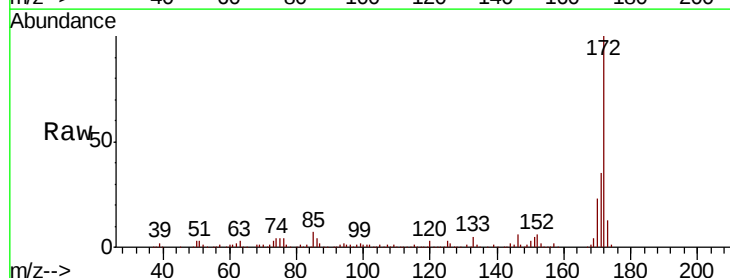
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.117 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF117414.D
 Acq: 16 Oct 2019 15:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	22.8	18.2	27.2

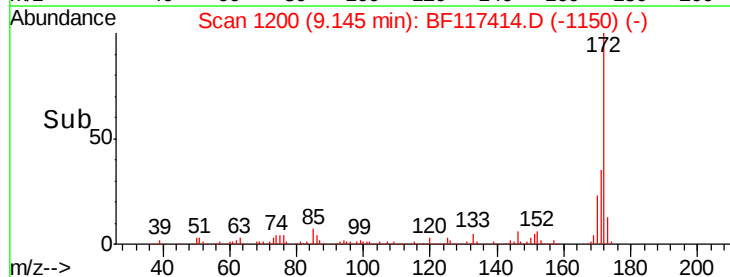
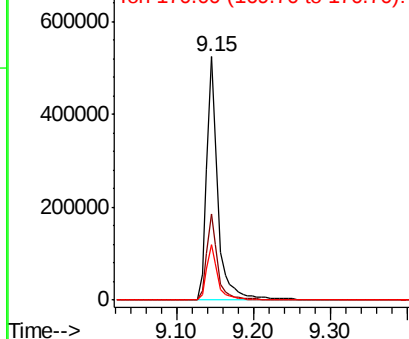


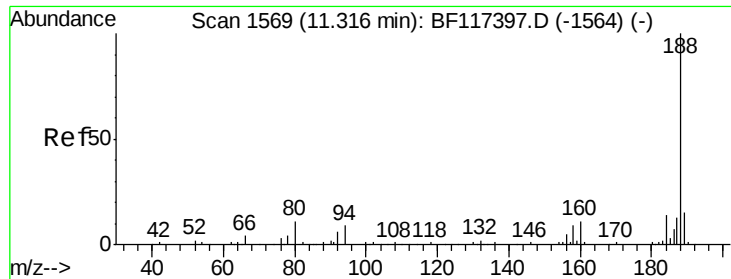
Abundance

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

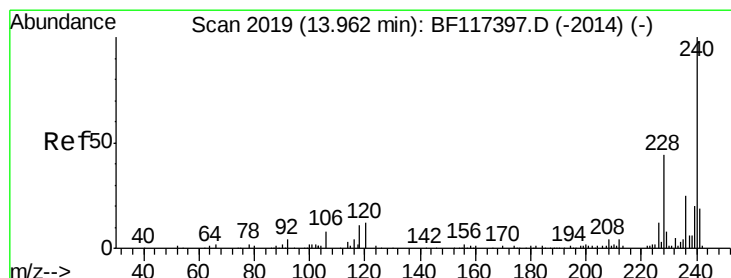
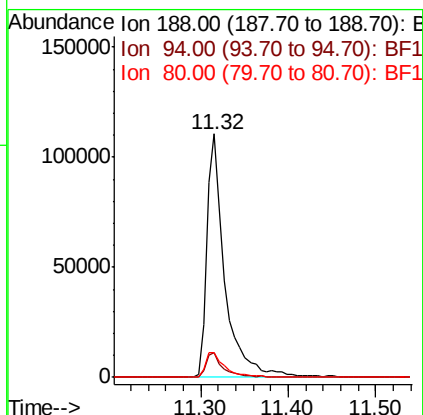
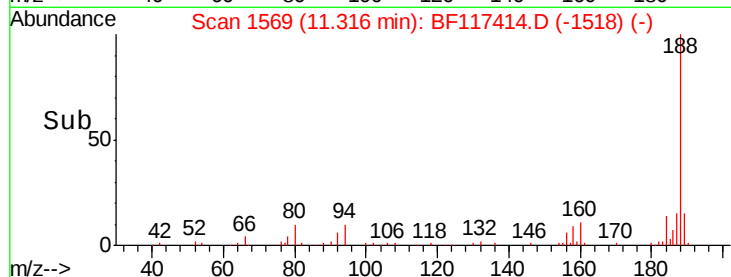
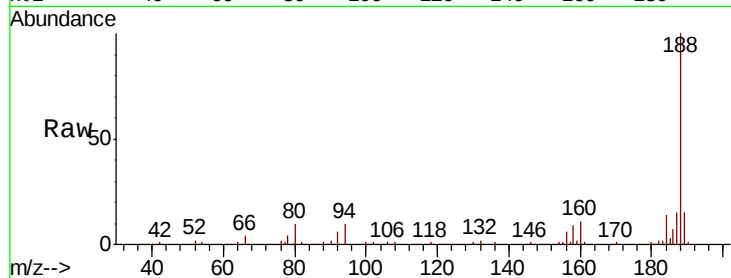




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117414.D
Acq: 16 Oct 2019 15:33

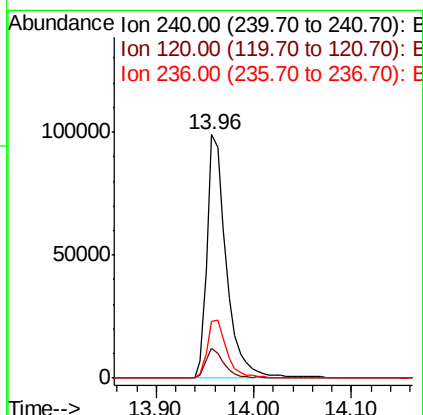
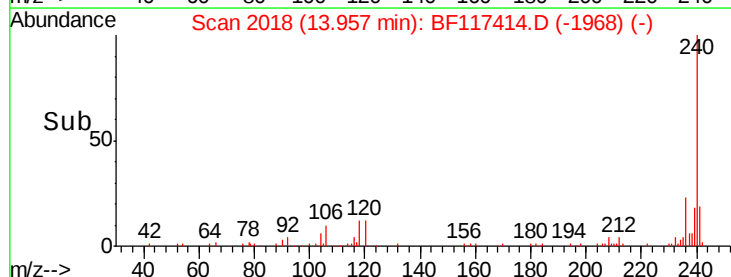
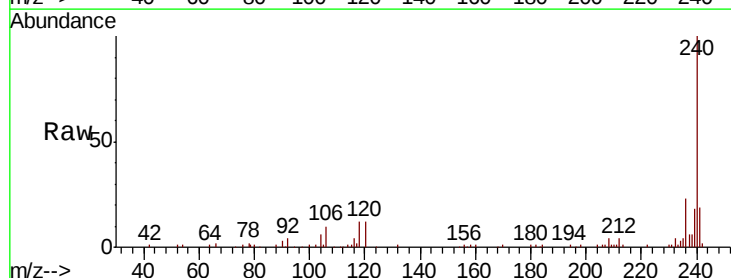
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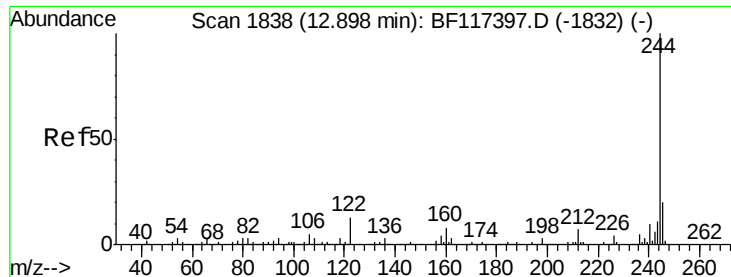
Tot Ion:188 Resp: 157086
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117414.D
Acq: 16 Oct 2019 15:33

Tgt Ion:240 Resp: 136364
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.0
236 23.4 19.8 29.6





#79

Terphenyl-d14

Concen: 78.603 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117414.D

Acq: 16 Oct 2019 15:33

Instrument :

BNA_F

ClientSampleId :

PB123985BL

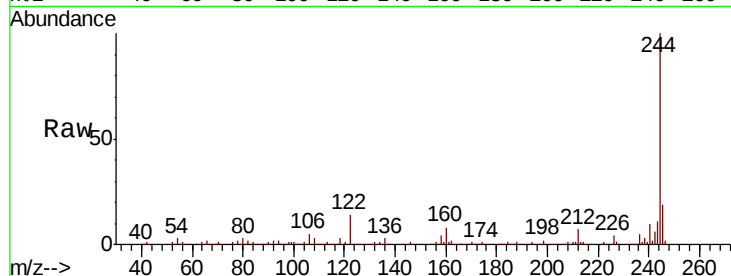
Tot Ion:244 Resp: 657518

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

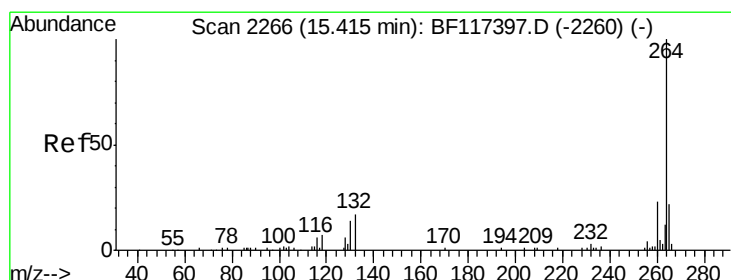
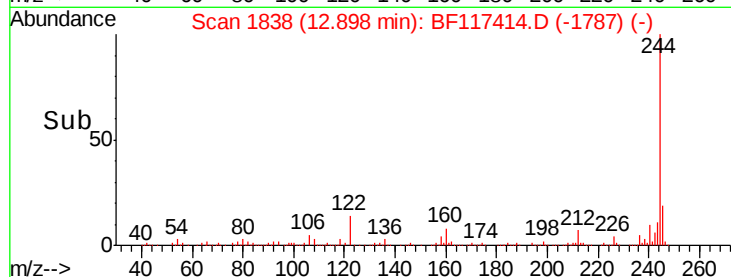
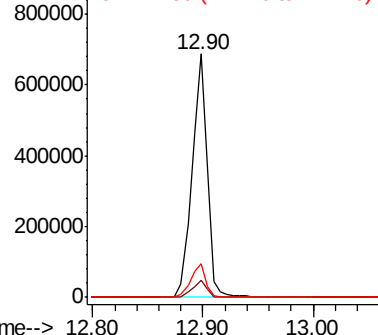
122 13.9 10.7 16.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF117414.D

Acq: 16 Oct 2019 15:33

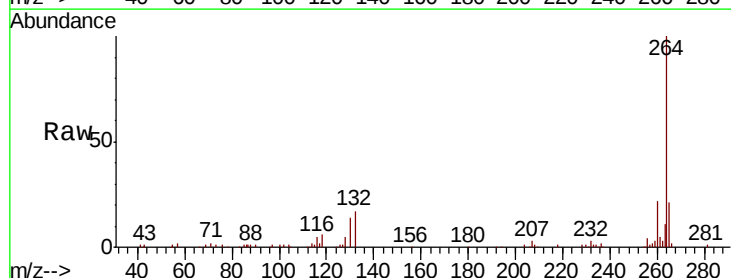
Tgt Ion:264 Resp: 139992

Ion Ratio Lower Upper

264 100

260 21.6 18.6 27.8

265 20.5 17.4 26.0



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

