

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117143.D
 Acq On : 18 Sep 2019 12:54
 Operator : HP/JU
 Sample : PB123129BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123129BL

Quant Time: Sep 19 07:27:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	80414	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	317023	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	165963	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	272616	20.00	ng	0.00
76) Chrysene-d12	13.97	240	177563	20.00	ng	0.00
87) Perylene-d12	15.43	264	140809	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	683921	132.78	ng	0.02
7) Phenol-d6	6.46	99	917369	137.82	ng	0.00
23) Nitrobenzene-d5	7.39	82	575895	95.45	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	189976	136.96	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1026022	96.66	ng	0.00
79) Terphenyl-d14	12.92	244	1009937	106.32	ng	0.00

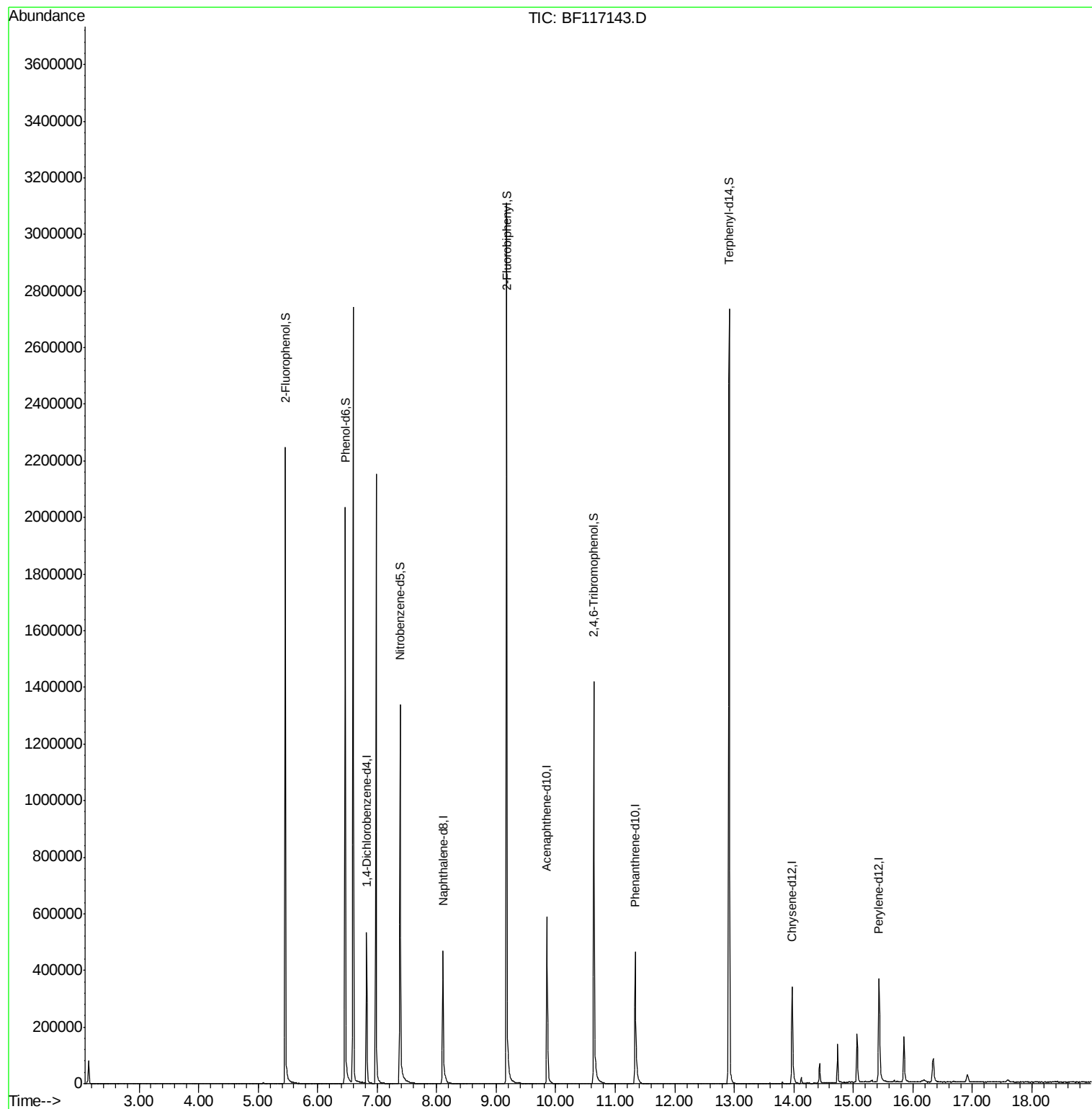
Target Compounds Qvalue

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

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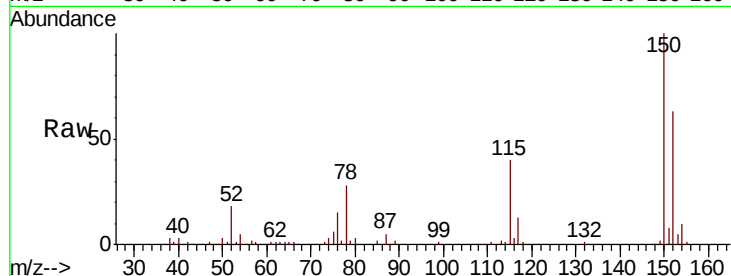


#1

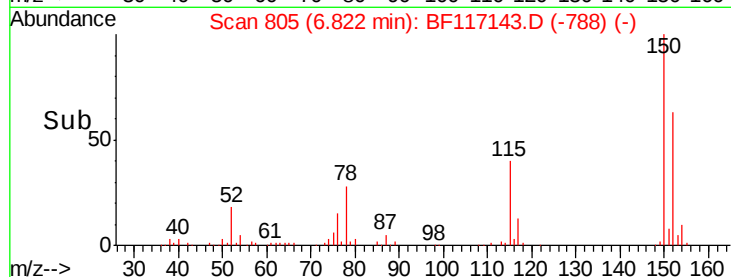
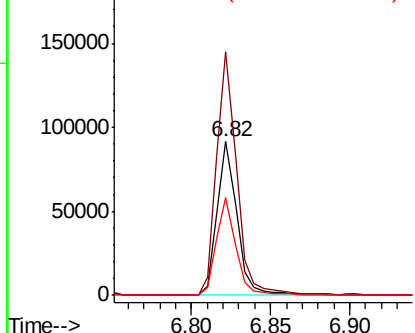
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117143.D
Acq: 18 Sep 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB123129BL

Tot Ion:152 Resp: 80414
Ion Ratio Lower Upper
152 100
150 158.7 127.5 191.3
115 64.0 55.0 82.4



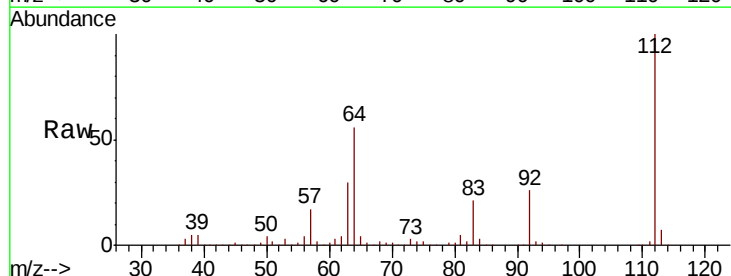
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



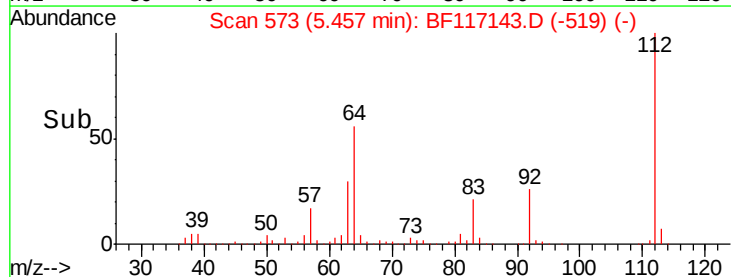
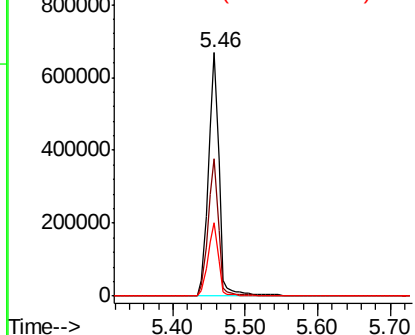
#5

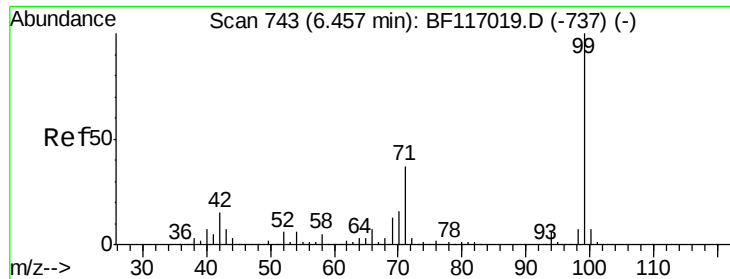
2-Fluorophenol
Concen: 132.784 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117143.D
Acq: 18 Sep 2019 12:54

Tgt Ion:112 Resp: 683921
Ion Ratio Lower Upper
112 100
64 56.3 45.7 68.5
63 30.3 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: 137.816 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117143.D

Acq: 18 Sep 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB123129BL

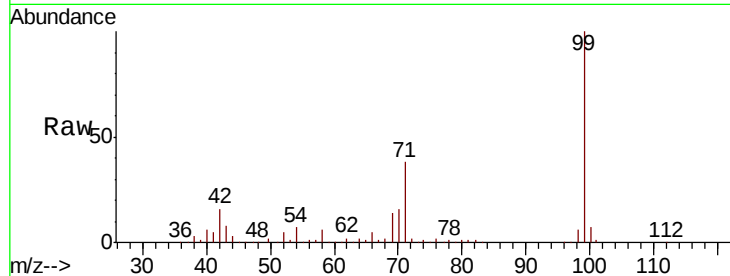
Tot Ion: 99 Resp: 917369

Ion Ratio Lower Upper

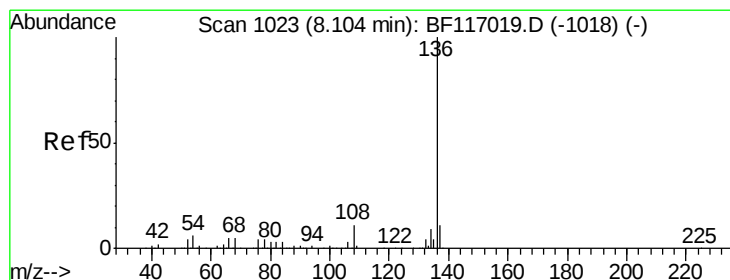
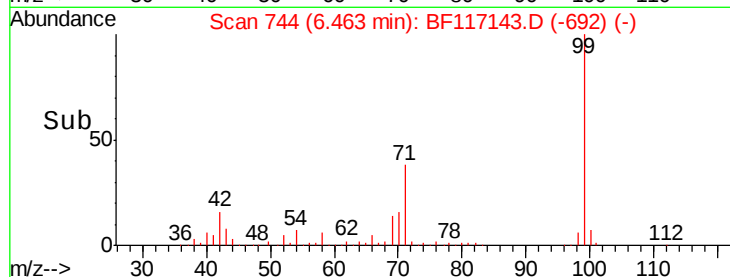
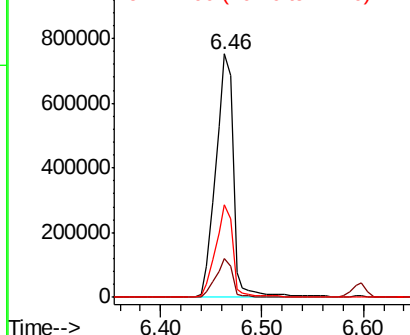
99 100

42 15.8 12.2 18.2

71 38.1 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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117143.D

Acq: 18 Sep 2019 12:54

Tgt Ion: 136 Resp: 317023

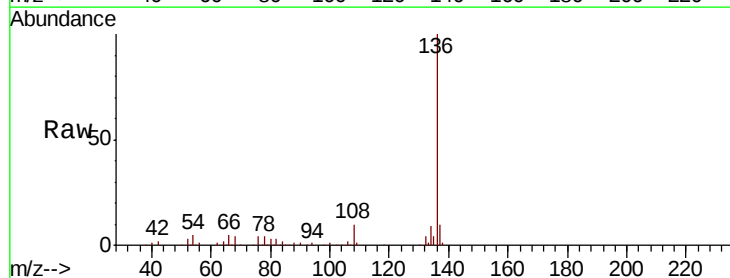
Ion Ratio Lower Upper

136 100

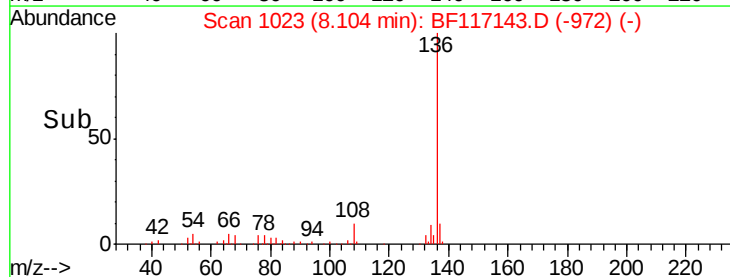
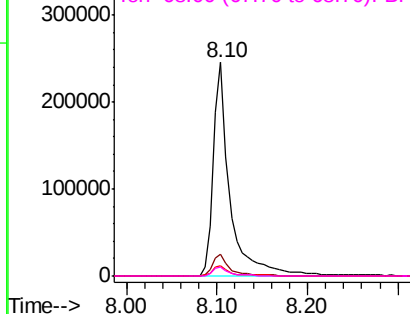
137 10.4 9.0 13.4

54 4.9 4.5 6.7

68 4.4 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

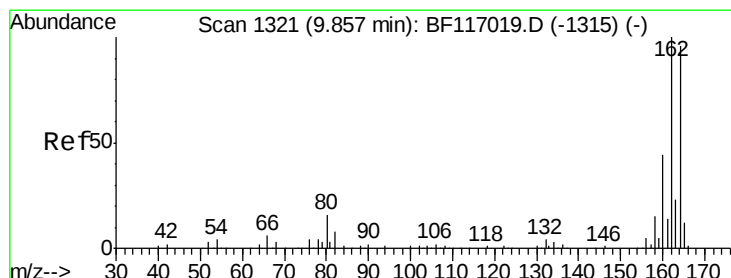
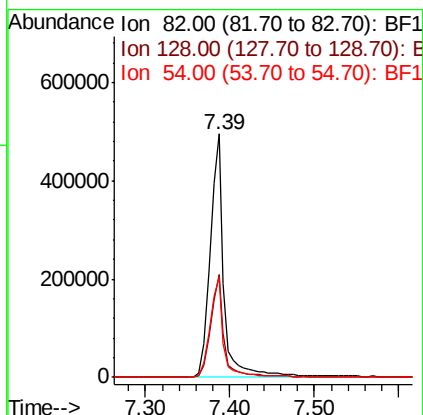
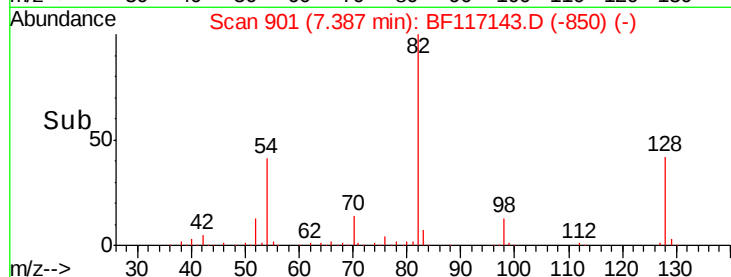
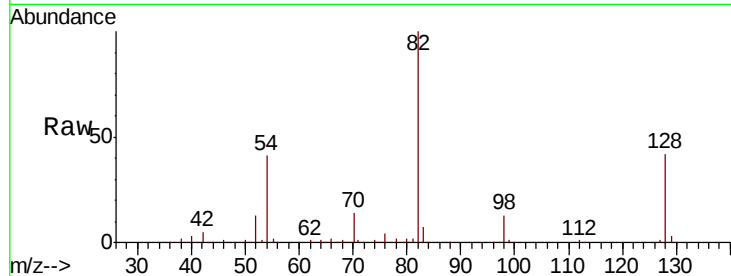




#23
 Nitrobenzene-d5
 Concen: 95.447 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117143.D
 Acq: 18 Sep 2019 12:54

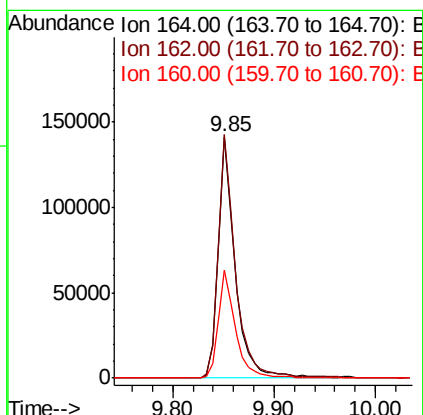
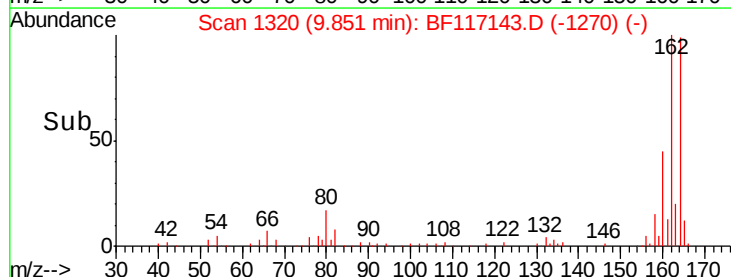
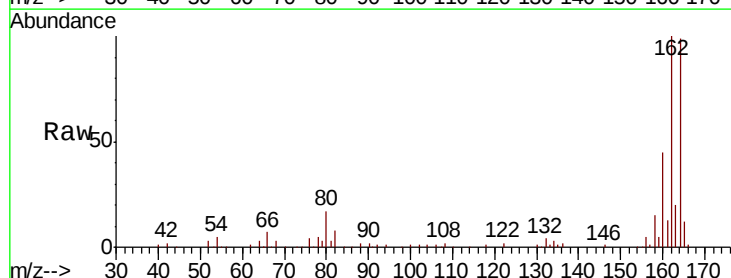
Instrument :
 BNA_F
 ClientSampleId :
 PB123129BL

Tot Ion	82	Resp	575895
Ion Ratio	100	Lower	Upper
128	42.2	32.3	48.5
54	40.9	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117143.D
 Acq: 18 Sep 2019 12:54

Tgt Ion	164	Resp	165963
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.9	83.4	125.2
160	44.9	36.4	54.6

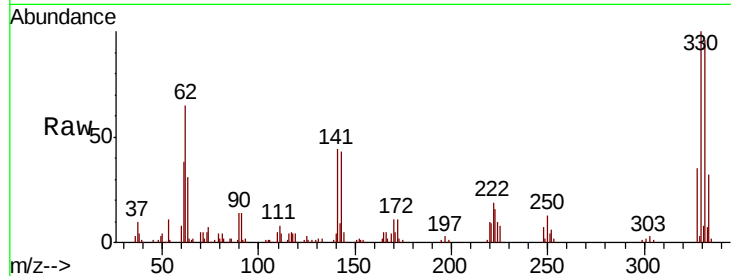




#42
 2,4,6-Tribromophenol
 Concen: 136.962 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117143.D
 Acq: 18 Sep 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB123129BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	78.0	117.0
141	45.9	35.8	53.6

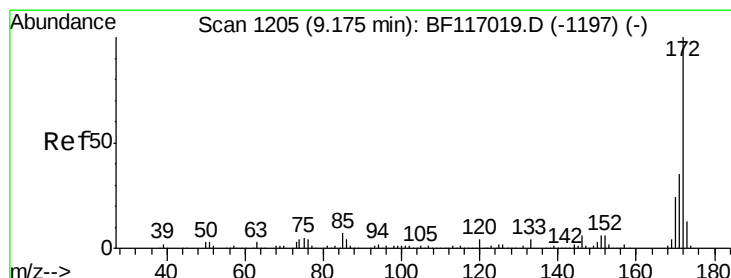
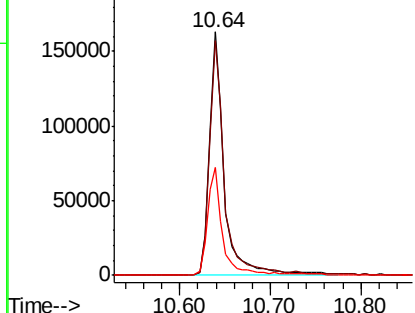
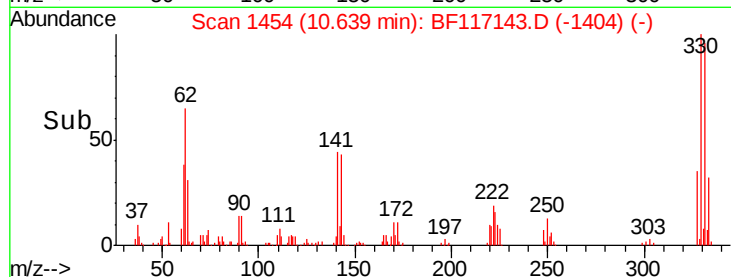


Abundance

Ion 329.80 (329.50 to 330.50): E

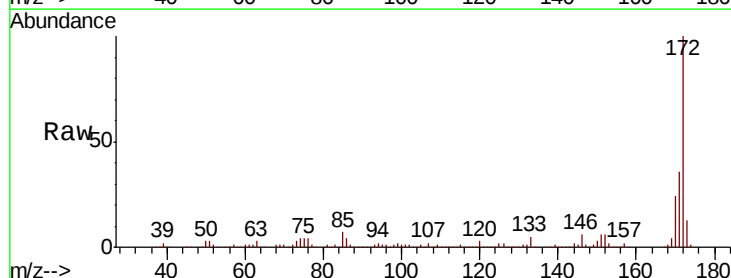
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.664 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117143.D
 Acq: 18 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	24.1	18.9	28.3

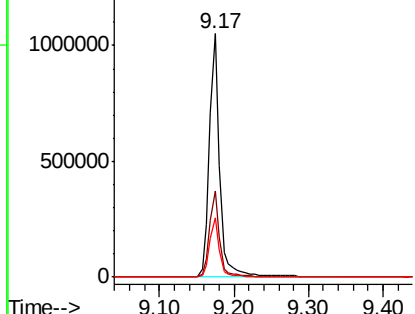
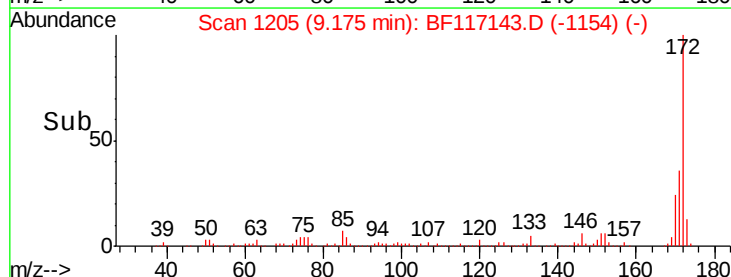


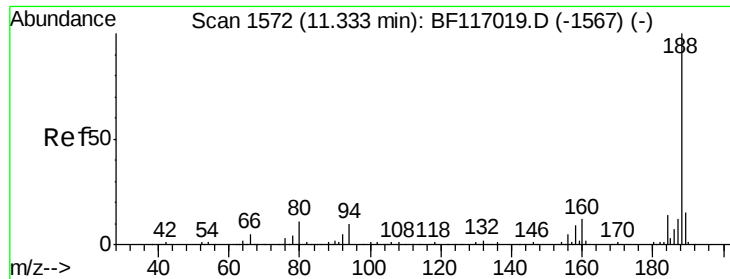
Abundance

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

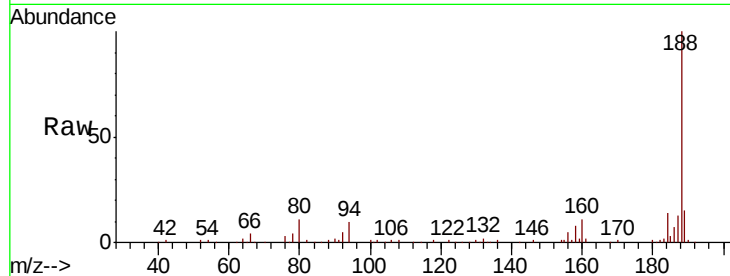




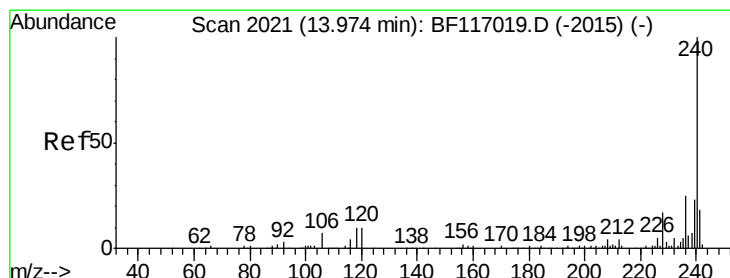
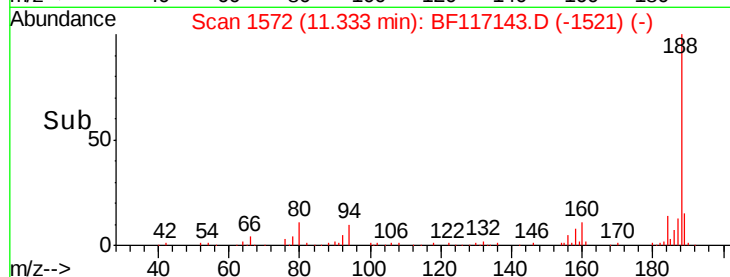
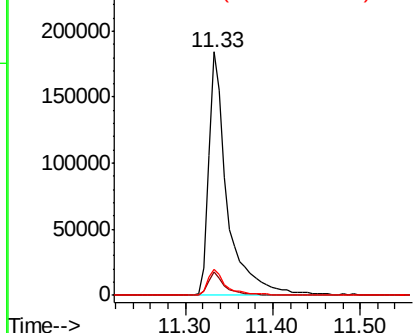
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117143.D
Acq: 18 Sep 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB123129BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.7	9.0	13.6

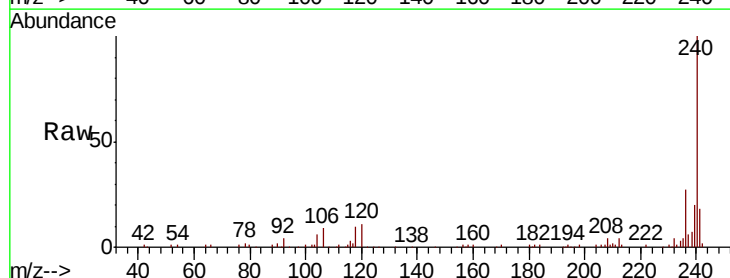


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

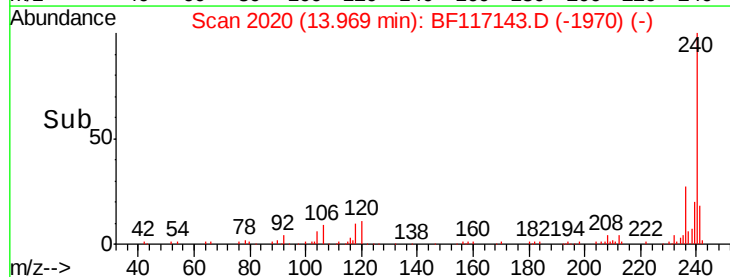
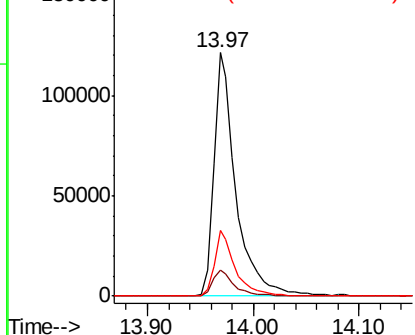


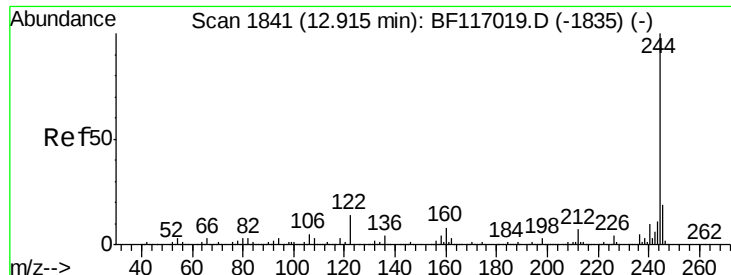
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117143.D
Acq: 18 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	26.8	20.3	30.5



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

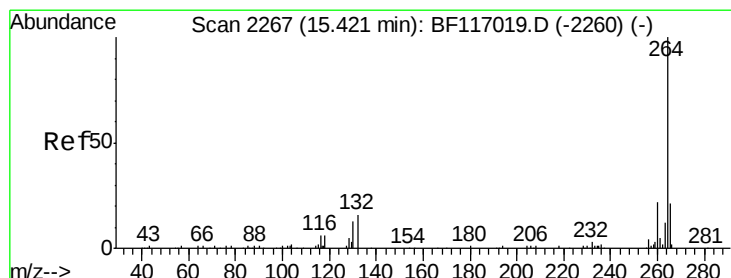
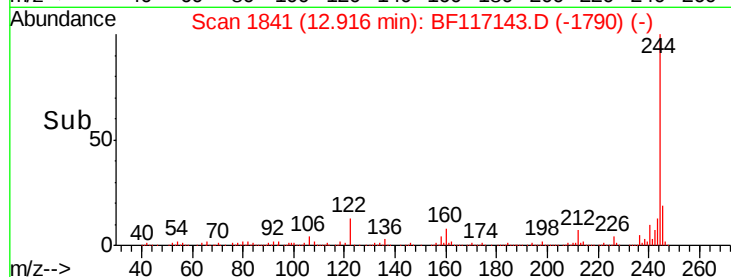
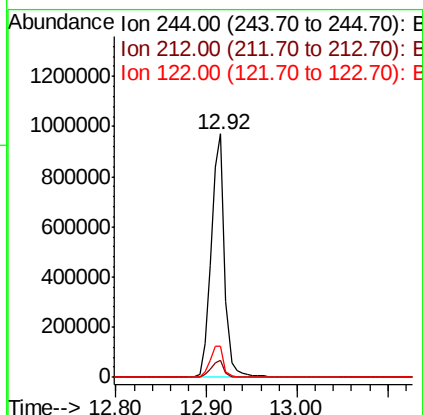
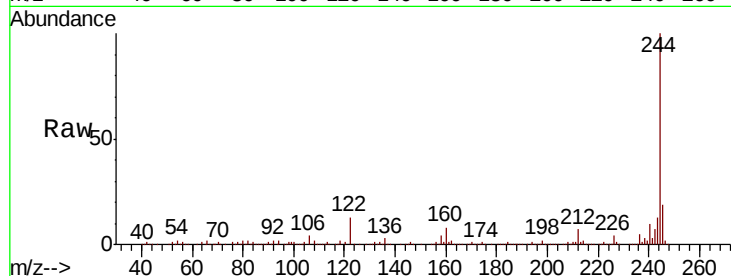




#79
 Terphenyl-d14
 Concen: 106.317 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117143.D
 Acq: 18 Sep 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB123129BL

Tot Ion:244 Resp: 1009937
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.8 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117143.D
 Acq: 18 Sep 2019 12:54

Tgt Ion:264 Resp: 140809
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.6 26.4
 265 20.3 16.6 24.8

