

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117393.D
 Acq On : 13 Oct 2019 2:25
 Operator : JU
 Sample : K5323-07 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Oct 14 04:15:06 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	41201	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	180167	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	92007	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	132471	20.00	ng	0.00
76) Chrysene-d12	13.97	240	92879	20.00	ng	0.00
87) Perylene-d12	15.43	264	86586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	46301	17.55	ng	0.00
7) Phenol-d6	6.45	99	64562	18.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	39319	11.47	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	11055	14.38	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	75767	12.88	ng	-0.01
79) Terphenyl-d14	12.90	244	56325	11.34	ng	-0.01

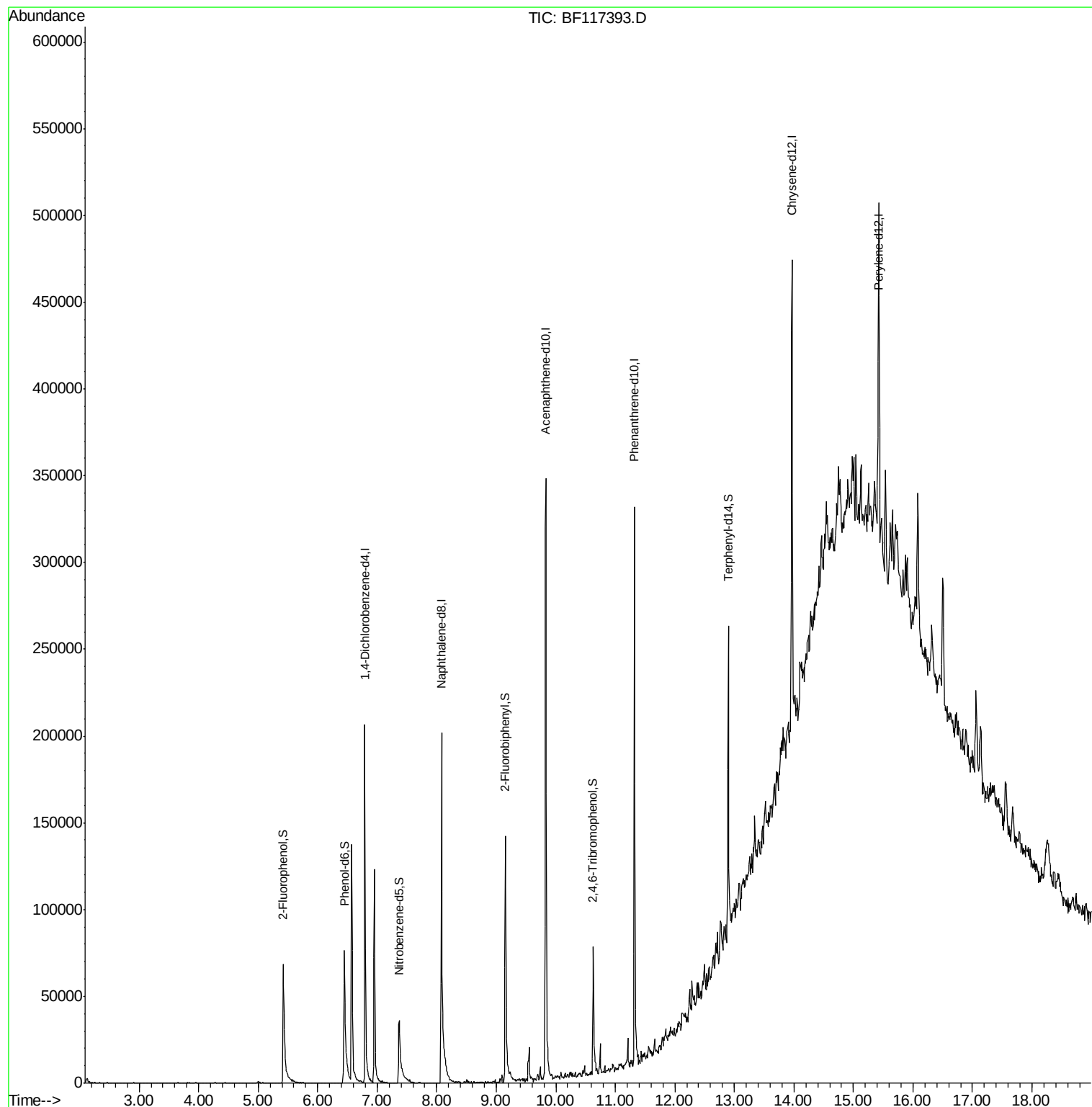
Target Compounds Qvalue

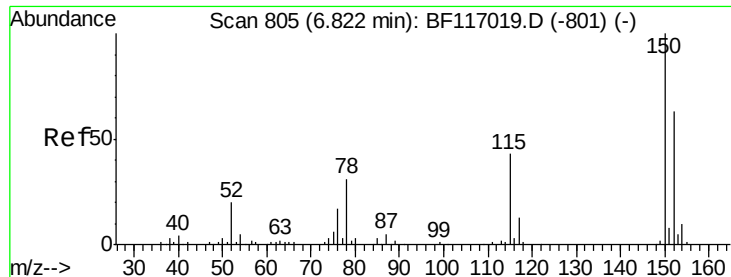
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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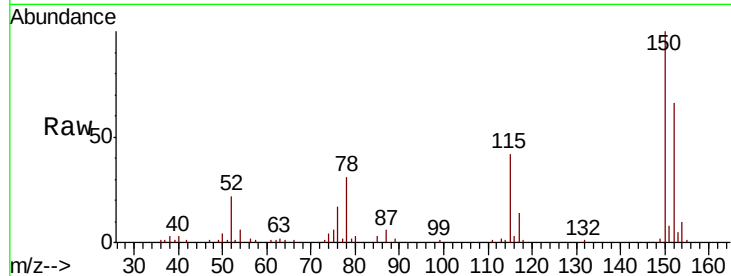


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF117393.D
 Acq: 13 Oct 2019 2:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	127.5	191.3
115	63.0	55.0	82.4

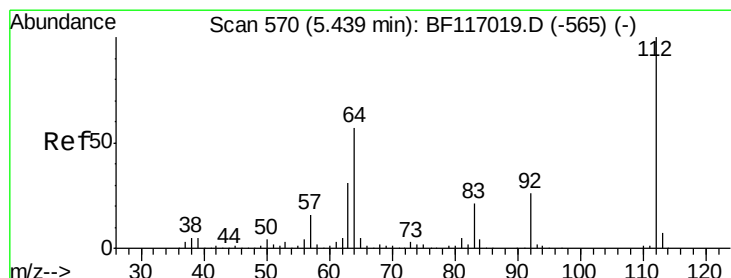
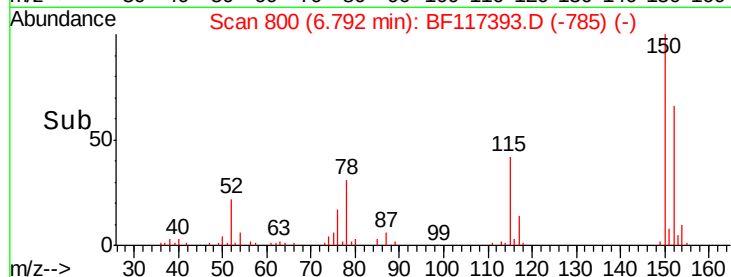
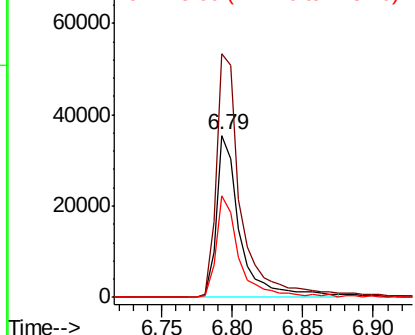


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

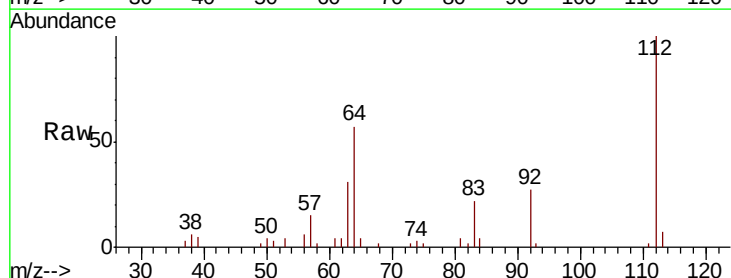
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 17.545 ng
 RT: 5.42 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF117393.D
 Acq: 13 Oct 2019 2:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.7	68.5
63	30.7	24.9	37.3

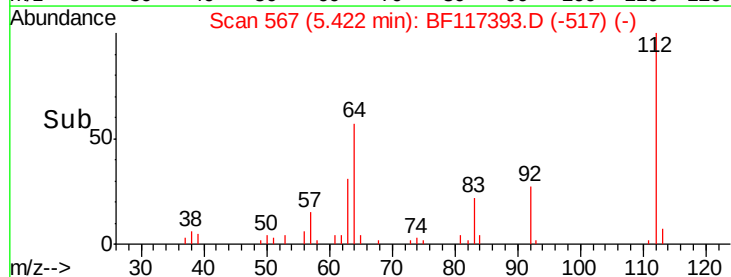
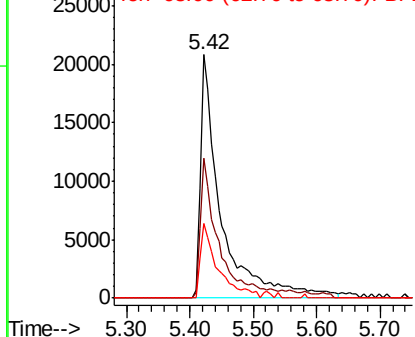


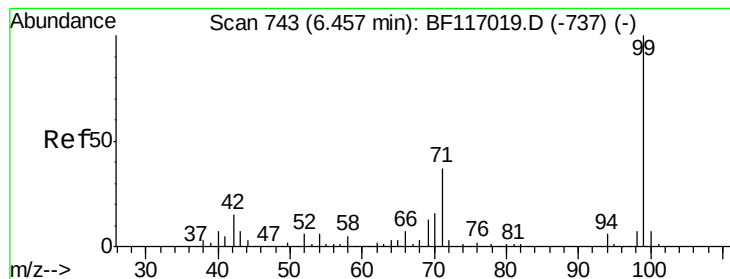
Abundance

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: 18.930 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117393.D

Acq: 13 Oct 2019 2:25

Instrument :

BNA_F

ClientSampled :

TP-4

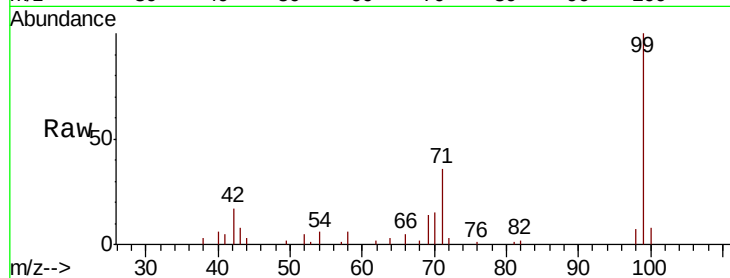
Tot Ion: 99 Resp: 64562

Ion Ratio Lower Upper

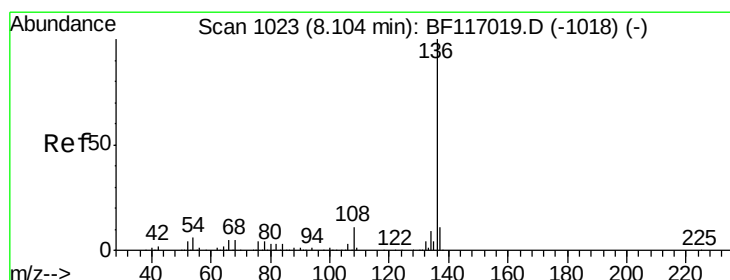
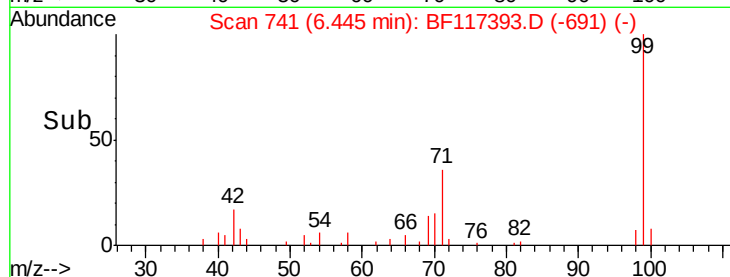
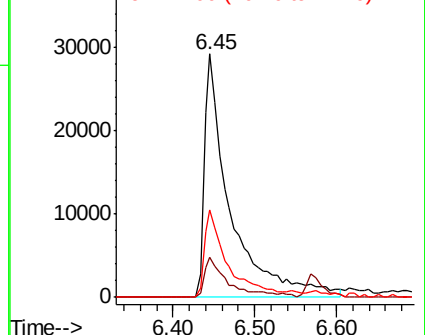
99 100

42 16.5 12.2 18.2

71 36.0 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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF117393.D

Acq: 13 Oct 2019 2:25

Tgt Ion: 136 Resp: 180167

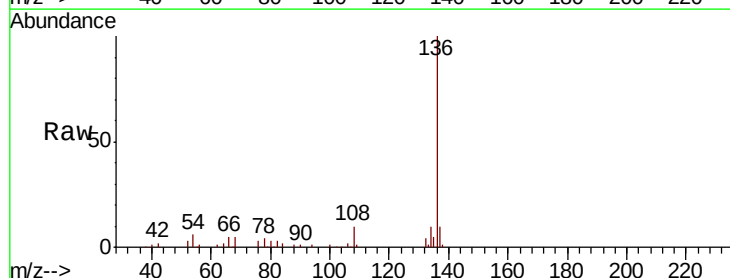
Ion Ratio Lower Upper

136 100

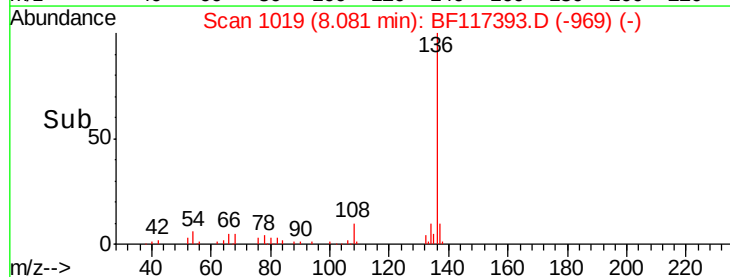
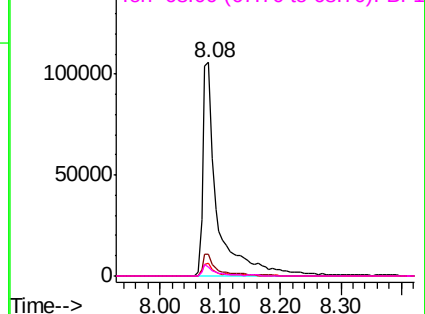
137 10.4 9.0 13.4

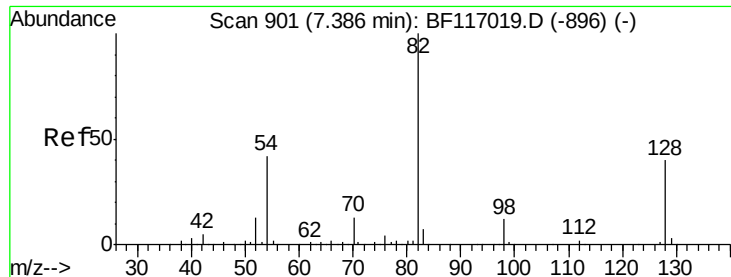
54 6.1 4.5 6.7

68 4.5 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

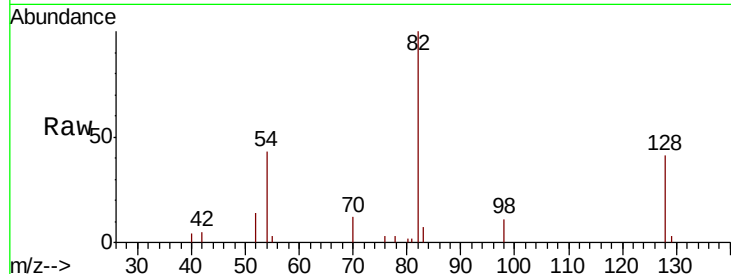




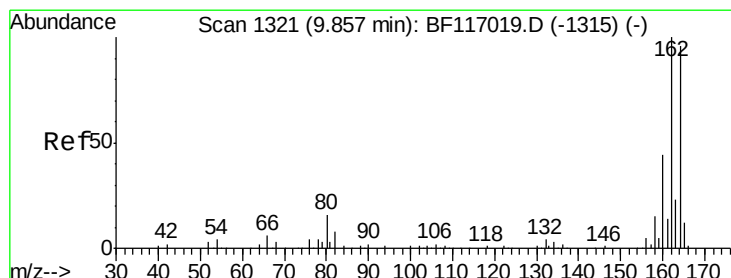
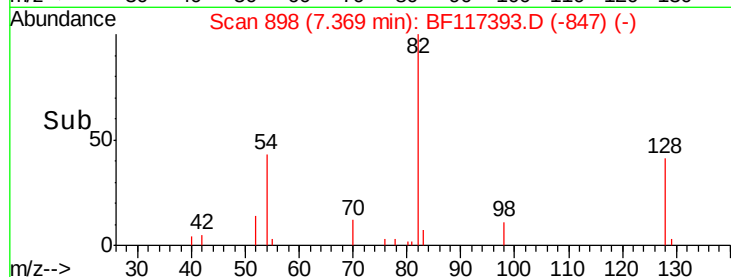
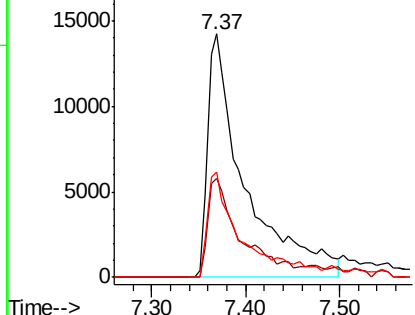
#23
 Nitrobenzene-d5
 Concen: 11.467 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF117393.D
 Acq: 13 Oct 2019 2:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion	82	Resp	39319
Ion Ratio	Lower	Upper	
82	100		
128	40.6	32.3	48.5
54	43.2	33.3	49.9

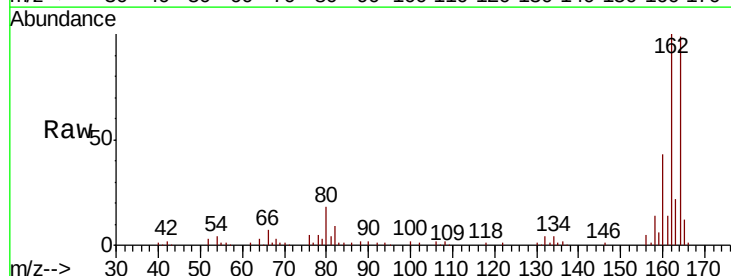


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

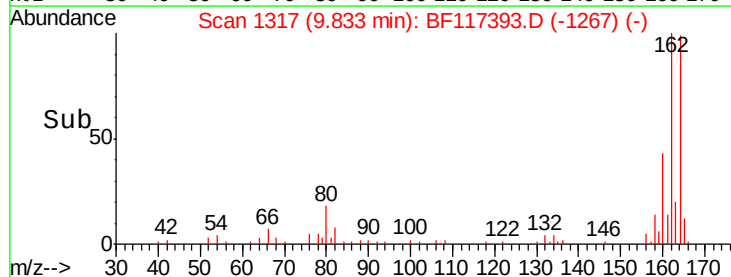
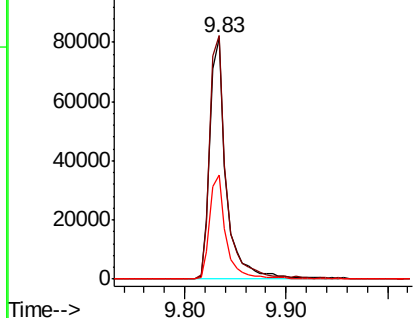


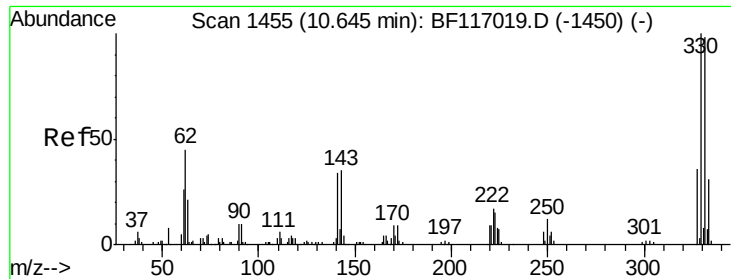
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF117393.D
 Acq: 13 Oct 2019 2:25

Tgt Ion	164	Resp	92007
Ion Ratio	Lower	Upper	
164	100		
162	100.8	83.4	125.2
160	42.9	36.4	54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

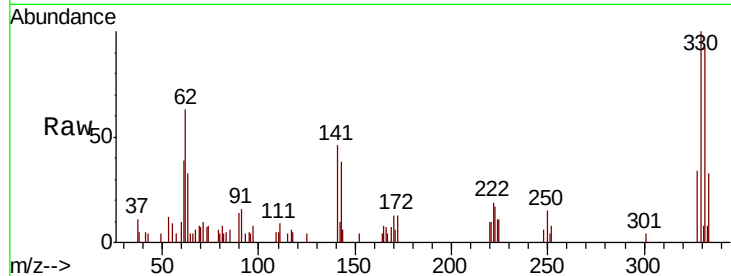




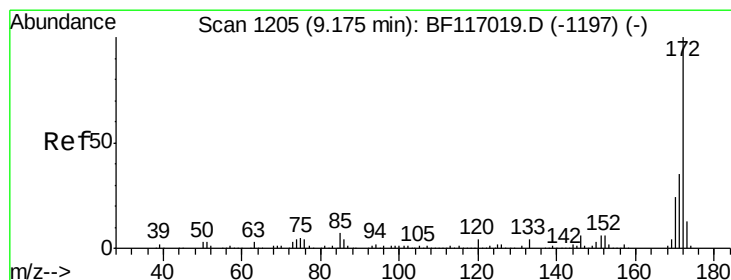
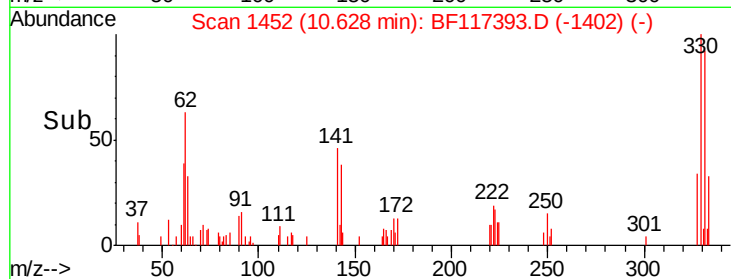
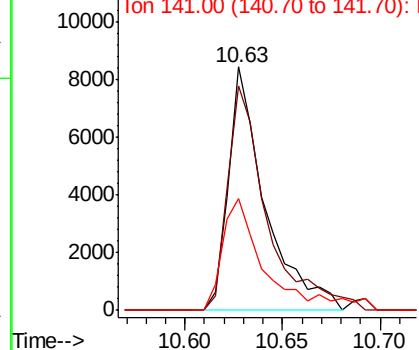
#42
 2,4,6-Tribromophenol
 Concen: 14.376 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF117393.D
 Acq: 13 Oct 2019 2:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:330 Resp: 11055
 Ion Ratio Lower Upper
 330 100
 332 98.6 78.0 117.0
 141 53.8 35.8 53.6#

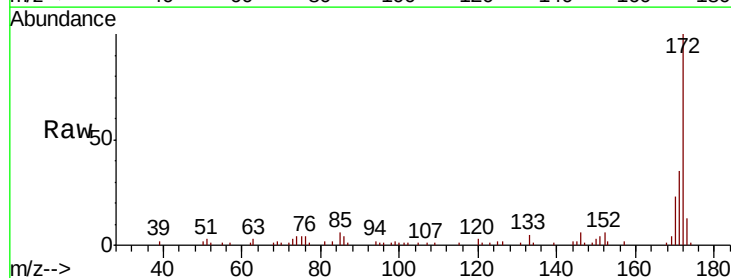


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

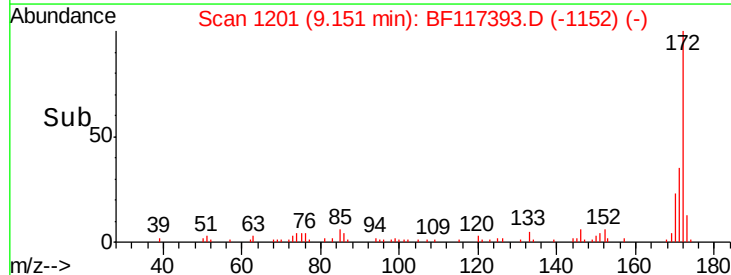
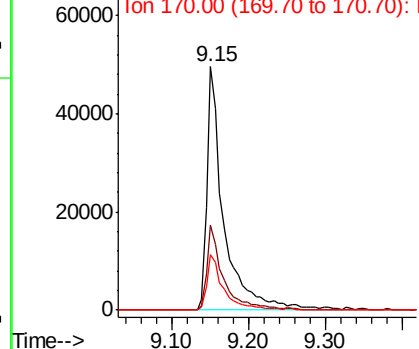


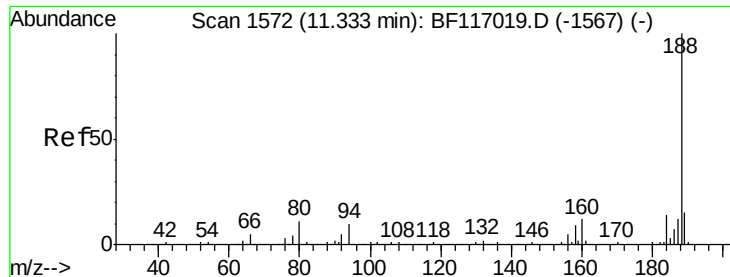
#45
 2-Fluorobiphenyl
 Concen: 12.876 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF117393.D
 Acq: 13 Oct 2019 2:25

Tgt Ion:172 Resp: 75767
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.2 42.2
 170 22.7 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

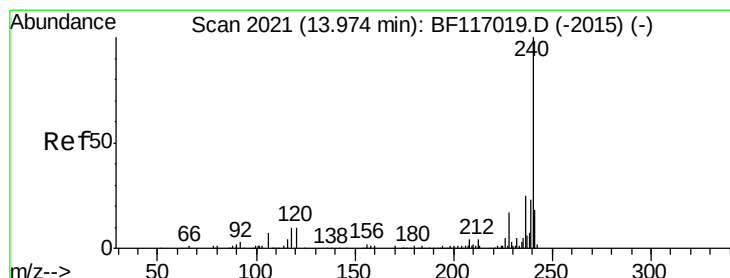
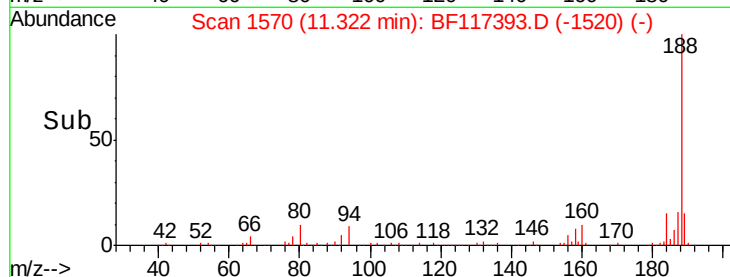
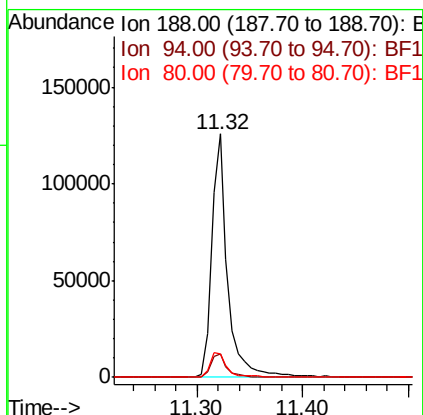
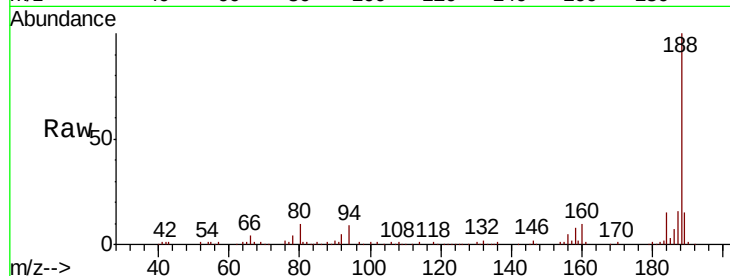




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117393.D
Acq: 13 Oct 2019 2:25

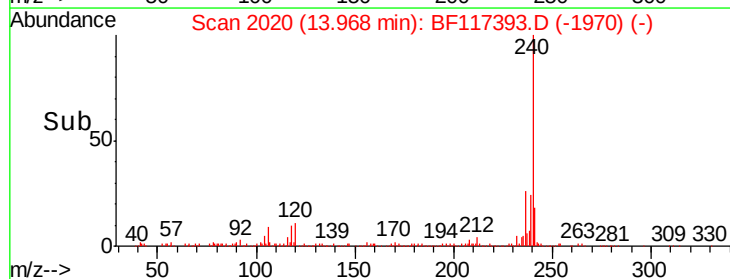
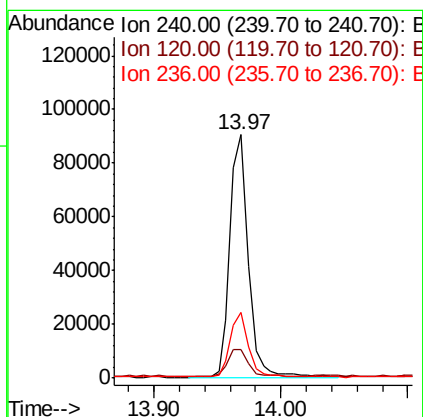
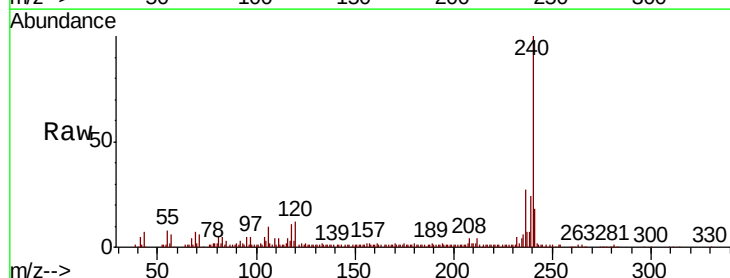
Instrument :
BNA_F
ClientSampleId :
TP-4

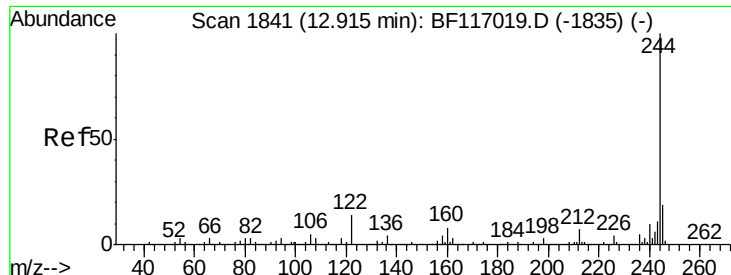
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.5	9.0	13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117393.D
Acq: 13 Oct 2019 2:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.9	20.3	30.5





#79

Terphenyl-d14

Concen: 11.336 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF117393.D

Acq: 13 Oct 2019 2:25

Instrument :

BNA_F

ClientSampleId :

TP-4

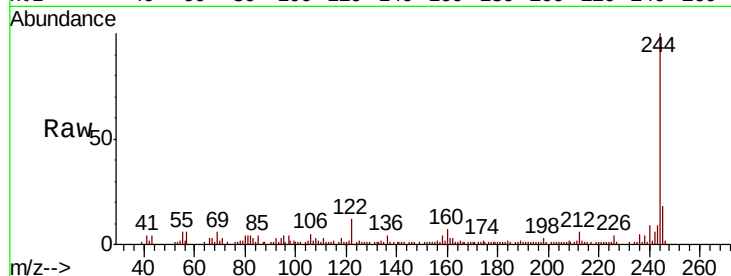
Tot Ion:244 Resp: 56325

Ion Ratio Lower Upper

244 100

212 5.8 5.8 8.8

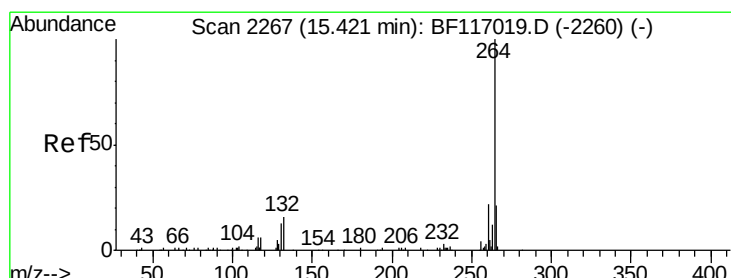
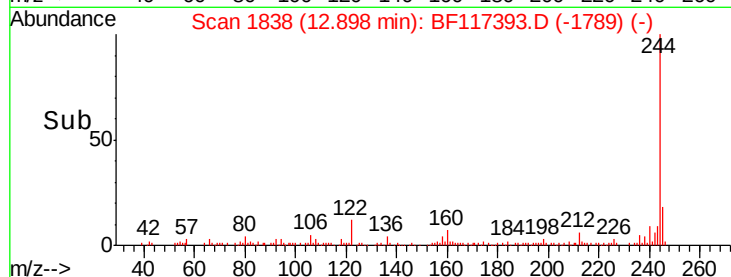
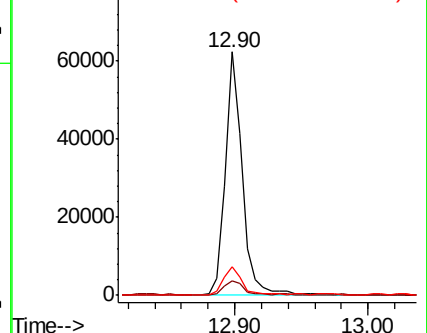
122 12.0 11.3 16.9



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: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF117393.D

Acq: 13 Oct 2019 2:25

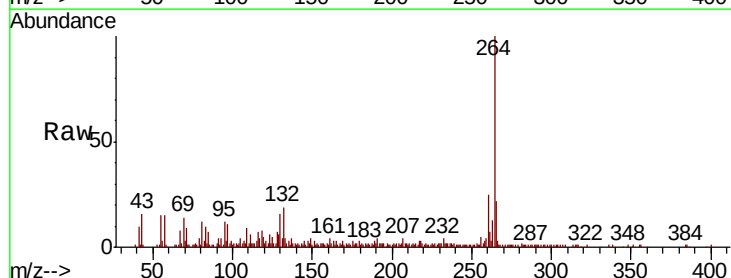
Tgt Ion:264 Resp: 86586

Ion Ratio Lower Upper

264 100

260 25.0 17.6 26.4

265 21.9 16.6 24.8



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

