

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114499.D
 Acq On : 22 May 2019 22:33
 Operator : JU/SJ
 Sample : K2935-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-MUD

Quant Time: May 23 04:10:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

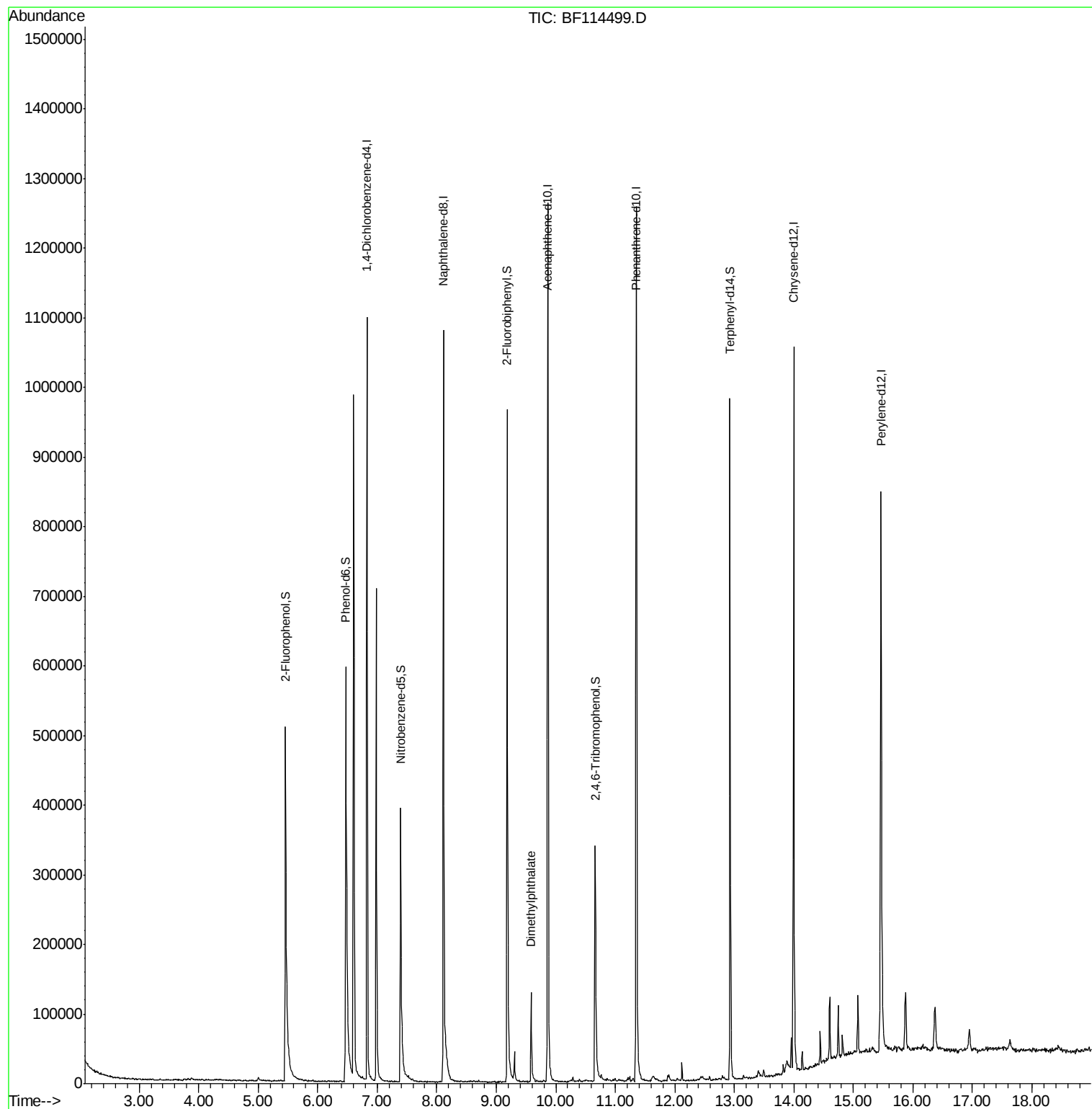
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	161852	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	658159	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	304423	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	589554	20.00	ng	0.00
76) Chrysene-d12	14.00	240	396305	20.00	ng	0.00
87) Perylene-d12	15.46	264	442526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	247559	24.61	ng	-0.01
7) Phenol-d6	6.47	99	339049	28.50	ng	-0.01
23) Nitrobenzene-d5	7.39	82	197030	16.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	60256	19.15	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	390516	19.40	ng	0.00
79) Terphenyl-d14	12.93	244	356092	18.52	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	75521	3.379	ng	Qvalue 98

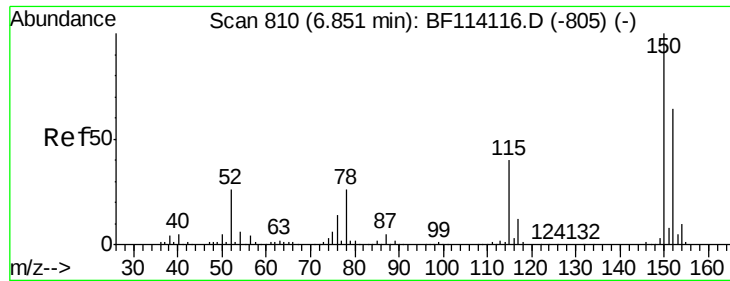
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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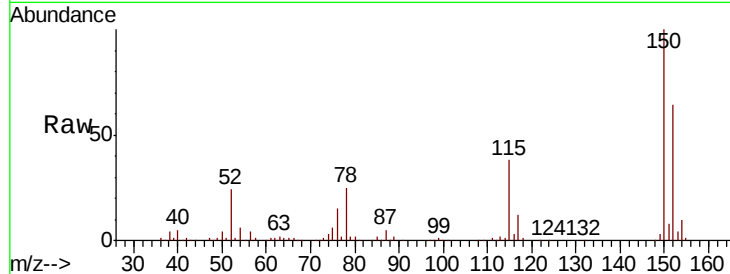


#1

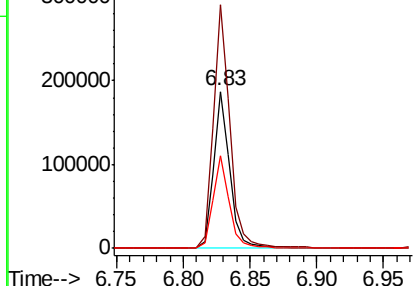
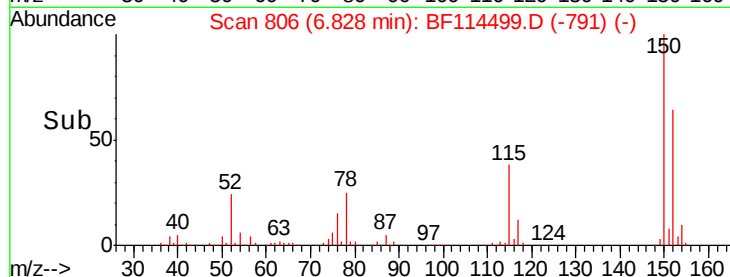
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114499.D
 Acq: 22 May 2019 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-MUD

Tot Ion:152 Resp: 161852
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.3 186.5
 115 59.5 49.1 73.7



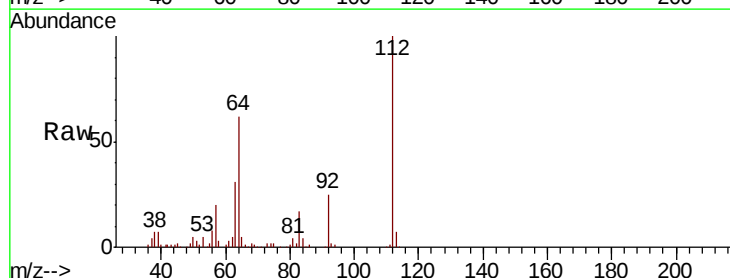
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



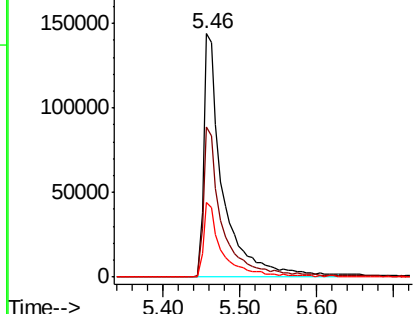
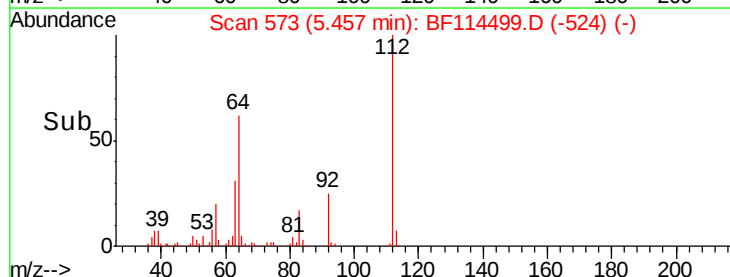
#5

2-Fluorophenol
 Concen: 24.614 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF114499.D
 Acq: 22 May 2019 22:33

Tgt Ion:112 Resp: 247559
 Ion Ratio Lower Upper
 112 100
 64 61.8 49.0 73.6
 63 30.8 24.6 37.0



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: 28.503 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114499.D

Acq: 22 May 2019 22:33

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER-MUD

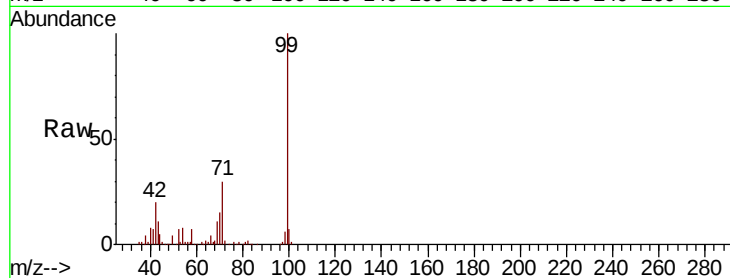
Tot Ion: 99 Resp: 339049

Ion Ratio Lower Upper

99 100

42 20.5 17.9 26.9

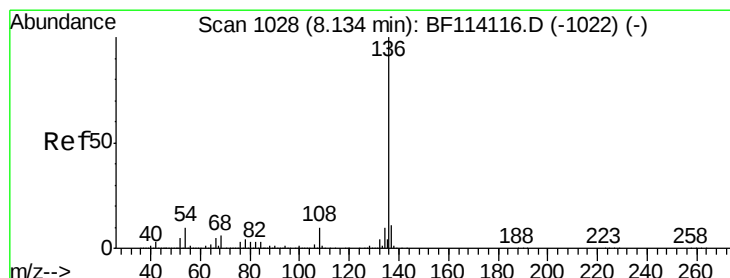
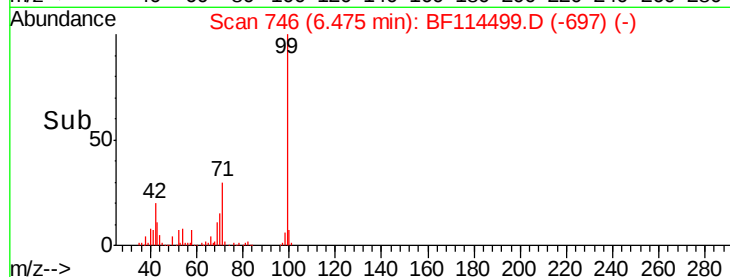
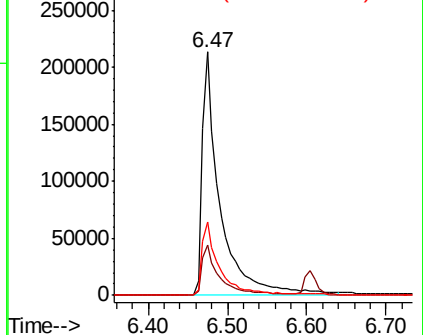
71 30.4 26.2 39.2



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114499.D

Acq: 22 May 2019 22:33

Tgt Ion: 136 Resp: 658159

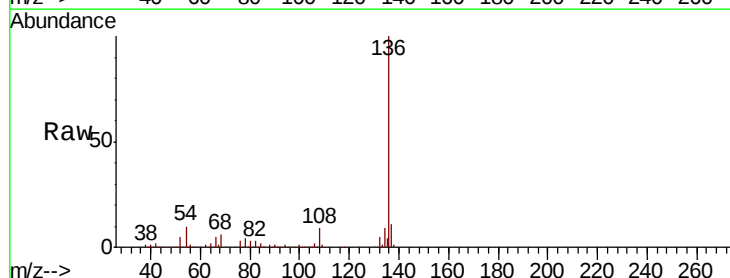
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.6 7.8 11.8

68 6.2 5.1 7.7

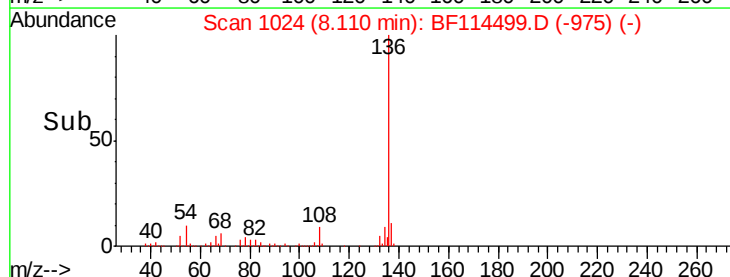
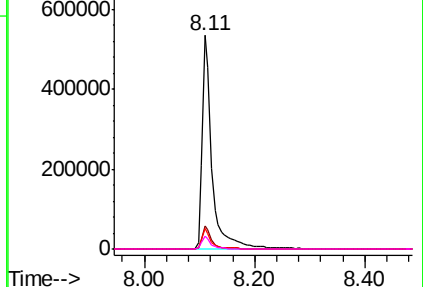


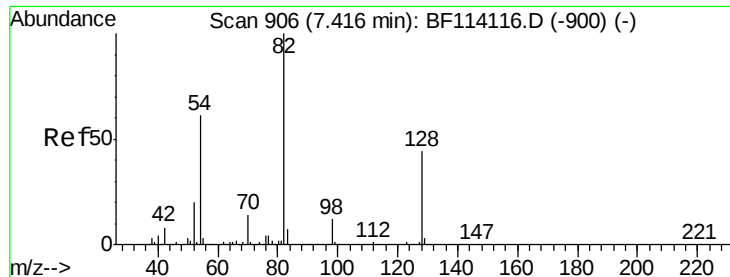
Abundance Ion 136.00 (135.70 to 136.70): E

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

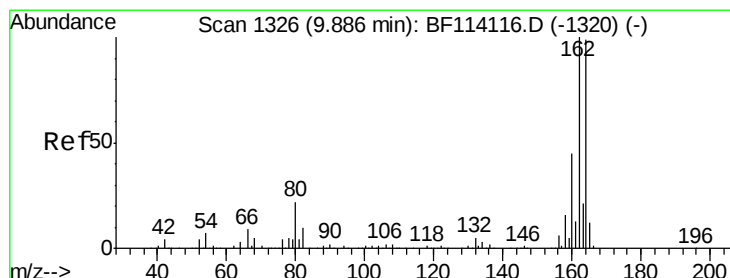
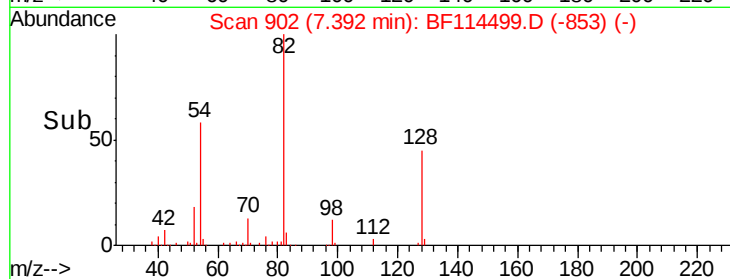
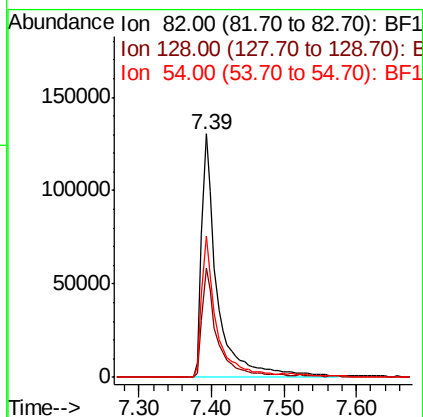
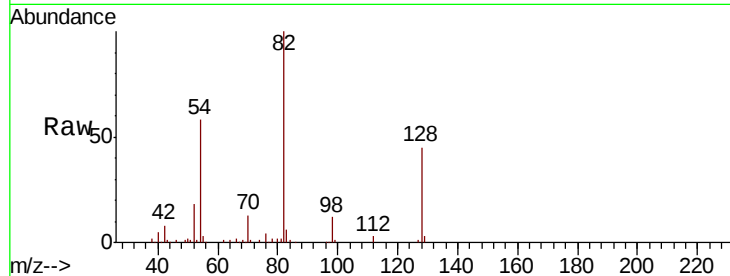




#23
 Nitrobenzene-d5
 Concen: 16.800 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114499.D
 Acq: 22 May 2019 22:33

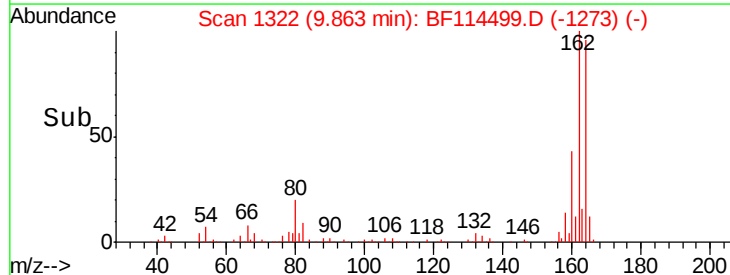
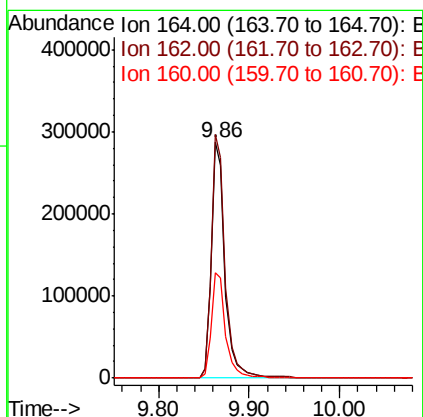
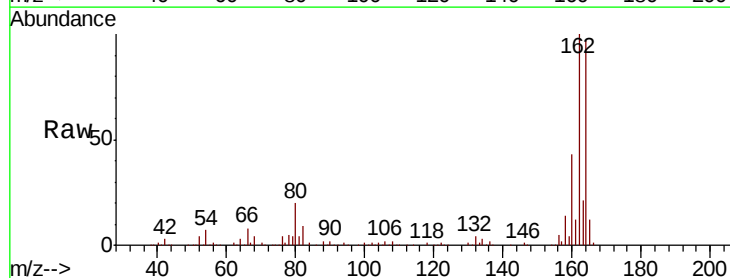
Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-MUD

Tot Ion	82	Resp	197030
Ion Ratio	Lower	Upper	
82	100		
128	44.9	35.5	53.3
54	57.8	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114499.D
 Acq: 22 May 2019 22:33

Tgt Ion	164	Resp	304423
Ion Ratio	Lower	Upper	
164	100		
162	103.4	80.6	120.8
160	44.6	36.5	54.7

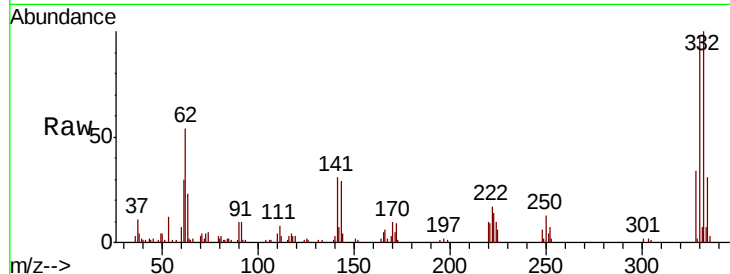




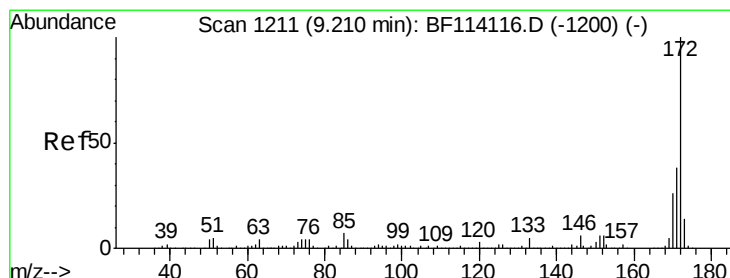
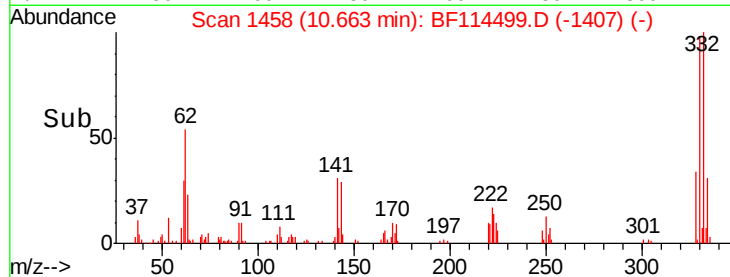
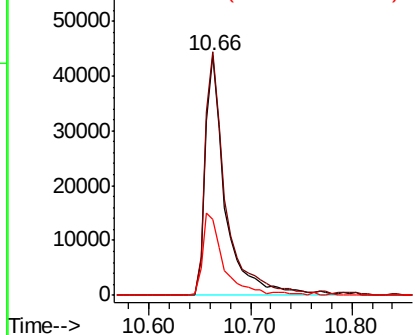
#42
 2,4,6-Tribromophenol
 Concen: 19.146 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114499.D
 Acq: 22 May 2019 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-MUD

Tot Ion:330 Resp: 60256
 Ion Ratio Lower Upper
 330 100
 332 103.1 81.4 122.2
 141 34.7 26.6 40.0

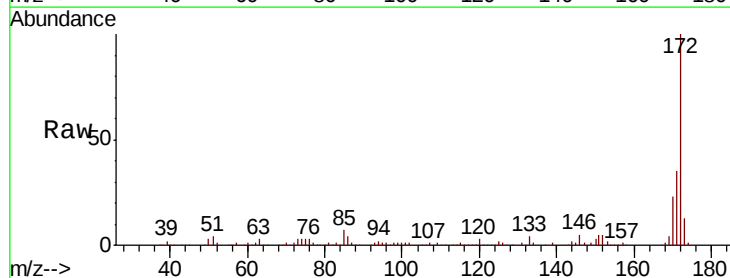


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

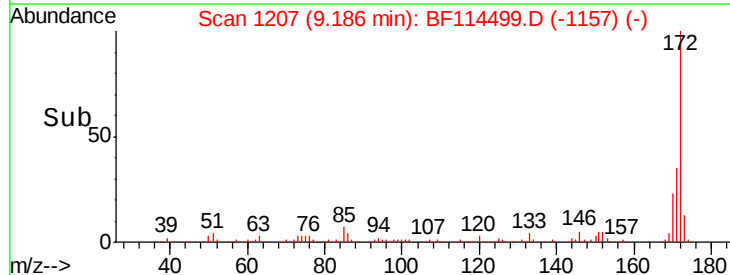
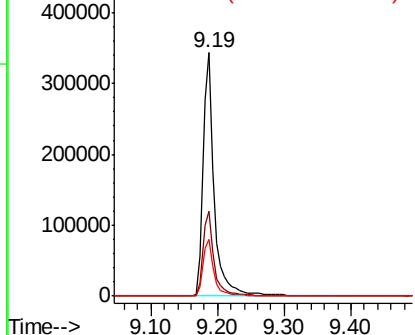


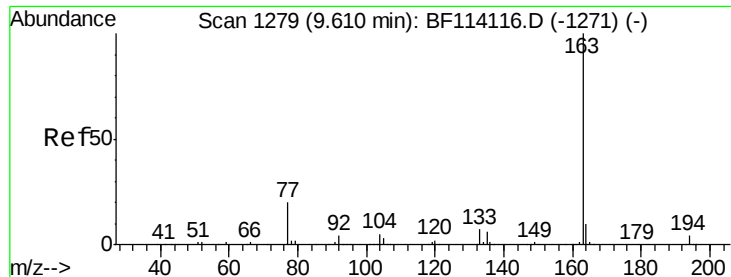
#45
 2-Fluorobiphenyl
 Concen: 19.405 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114499.D
 Acq: 22 May 2019 22:33

Tgt Ion:172 Resp: 390516
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.7 46.1
 170 23.2 20.5 30.7



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

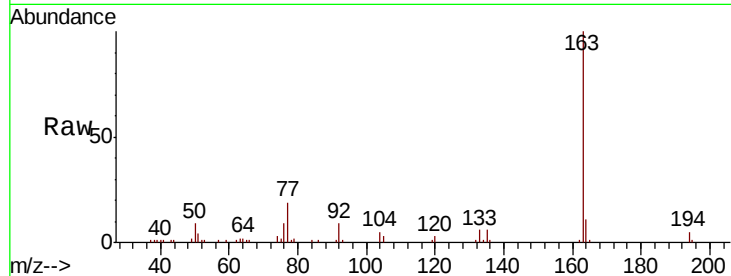




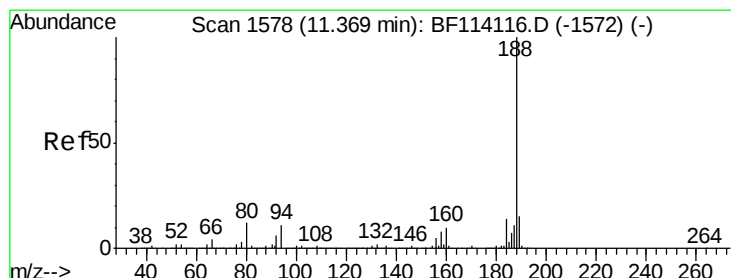
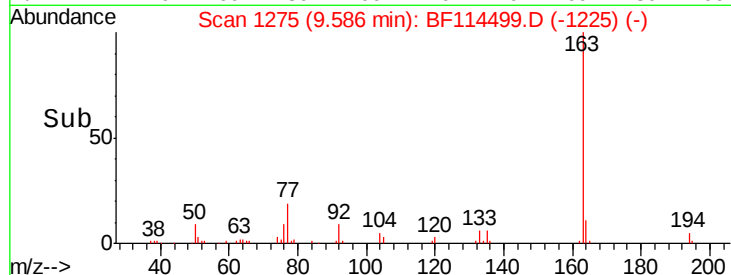
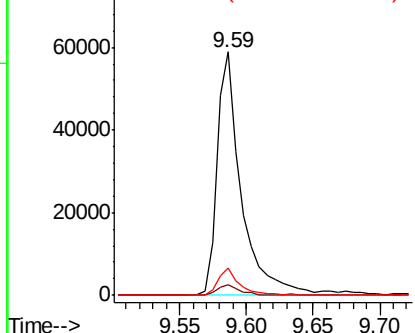
#50
Dimethylphthalate
Concen: 3.379 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF114499.D
Acq: 22 May 2019 22:33

Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-MUD

Tot Ion:163 Resp: 75521
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 11.0 8.2 12.2

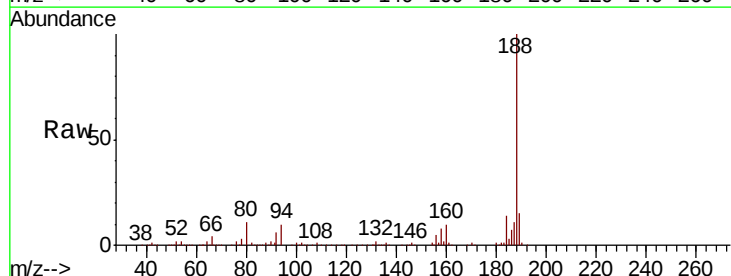


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

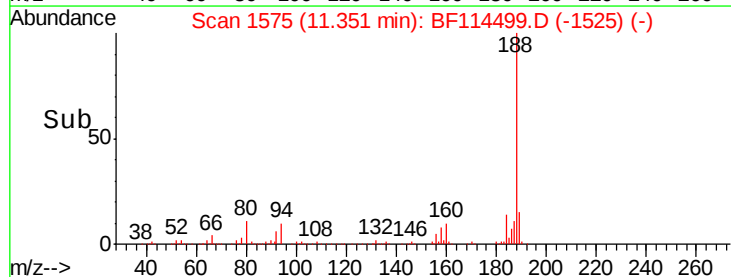
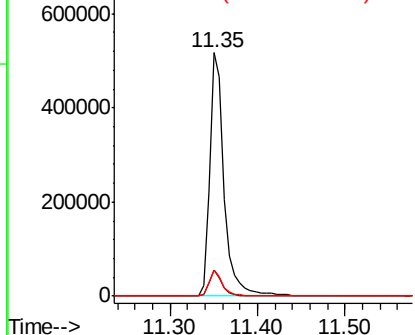


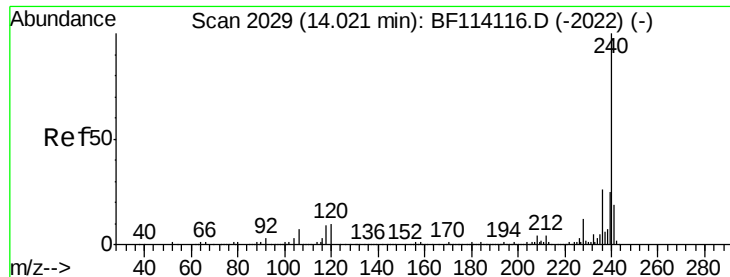
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114499.D
Acq: 22 May 2019 22:33

Tgt Ion:188 Resp: 589554
Ion Ratio Lower Upper
188 100
94 10.5 8.4 12.6
80 10.6 9.2 13.8



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

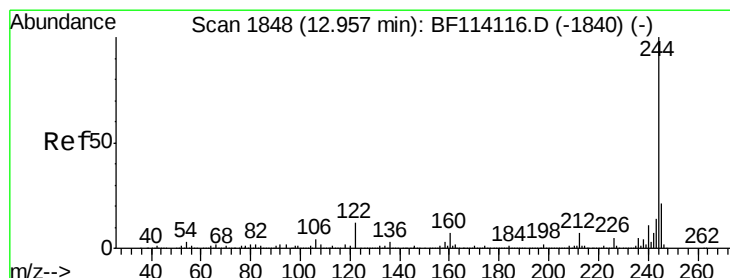
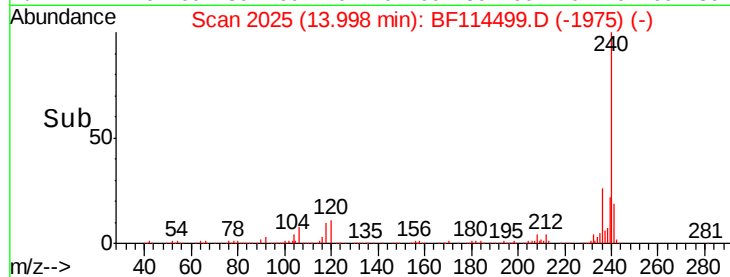
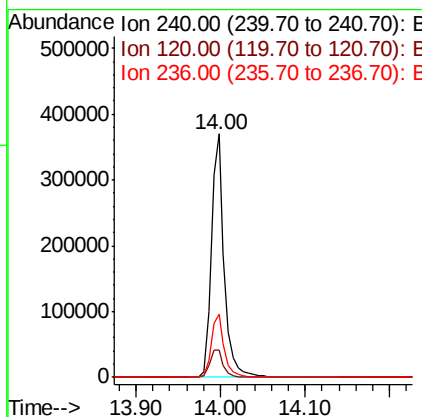
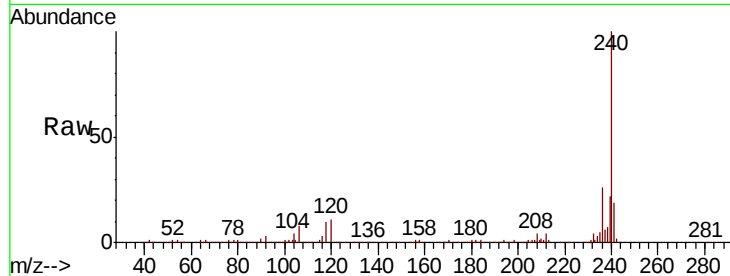




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114499.D
Acq: 22 May 2019 22:33

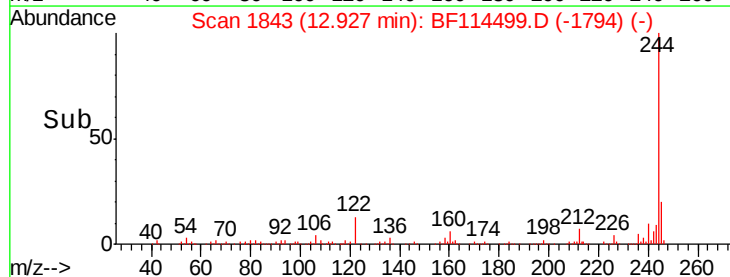
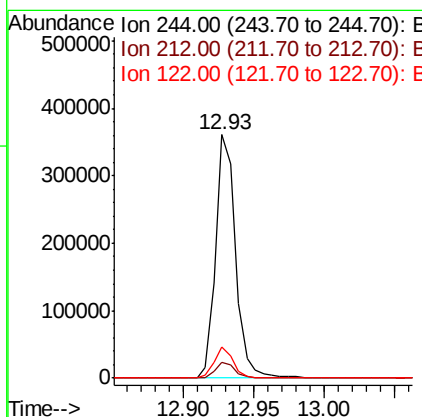
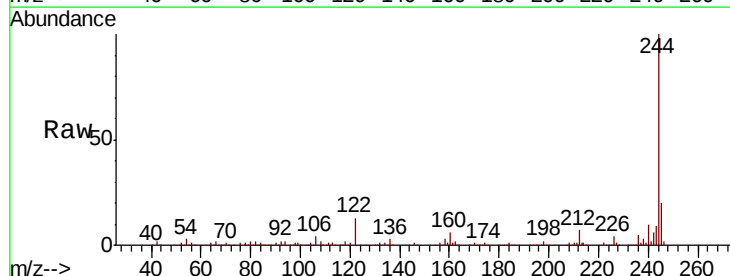
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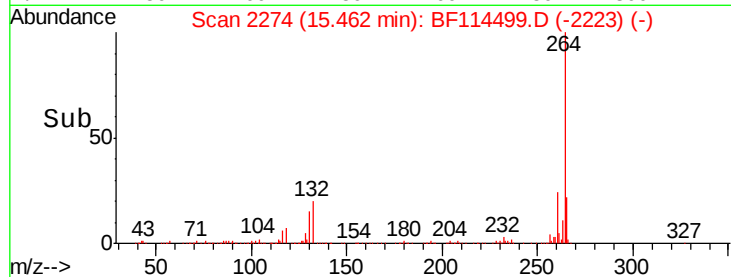
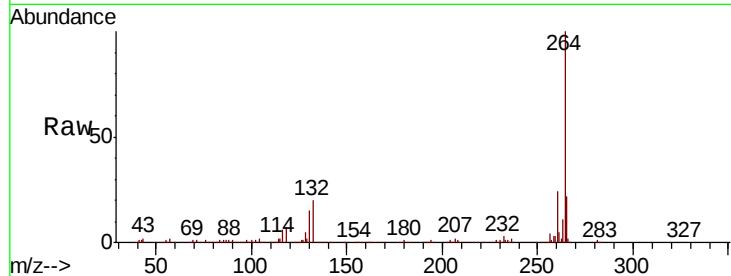
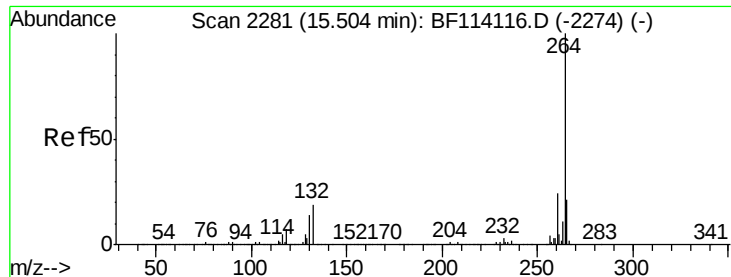
Tot Ion:240 Resp: 396305
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 18.523 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF114499.D
Acq: 22 May 2019 22:33

Tgt Ion:244 Resp: 356092
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 12.8 9.4 14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BF114499.D
 Acq: 22 May 2019 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-MUD

Tot Ion:	264	Resp:	442526
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.8	16.9	25.3

