

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114534.D
 Acq On : 23 May 2019 20:15
 Operator : JU/SJ
 Sample : K2935-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-MUD

Quant Time: May 24 07:47:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

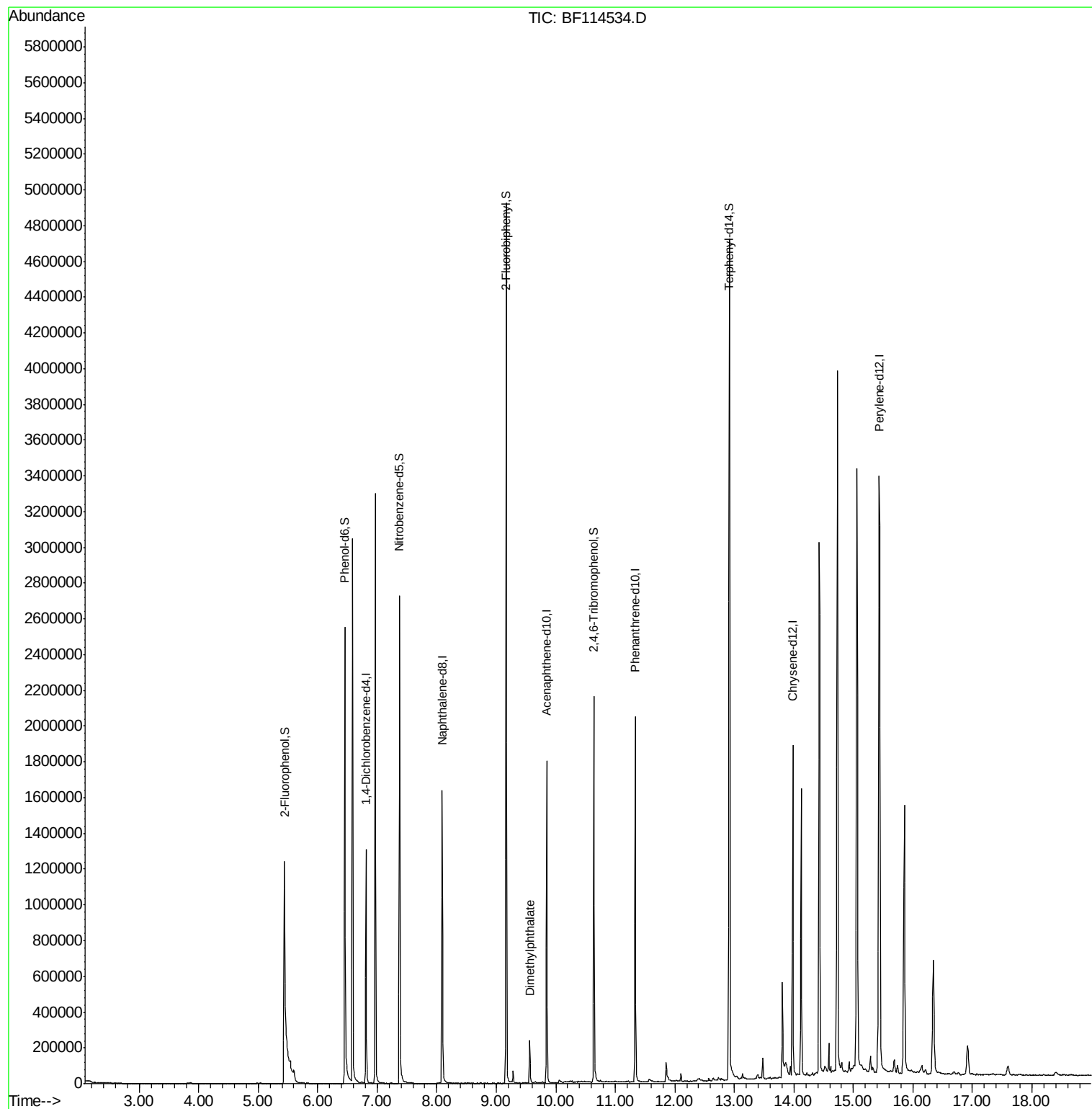
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	192229	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	746717	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	361271	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	761602	20.00	ng	0.00
76) Chrysene-d12	13.98	240	659030	20.00	ng	0.00
87) Perylene-d12	15.44	264	652876	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	762376	63.82	ng	0.00
7) Phenol-d6	6.46	99	1003545	71.03	ng	0.00
23) Nitrobenzene-d5	7.37	82	821871	61.77	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	250654	67.11	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1501228	62.86	ng	0.00
79) Terphenyl-d14	12.92	244	1772348	55.44	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	98099	3.699	ng	Qvalue 99

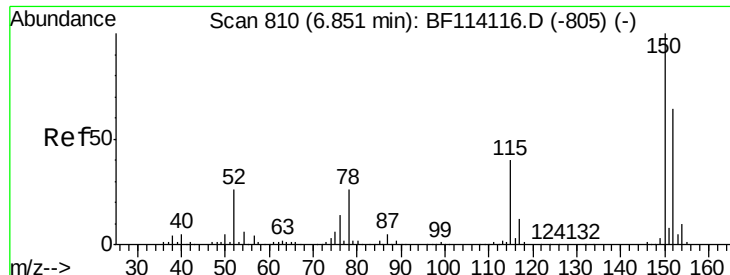
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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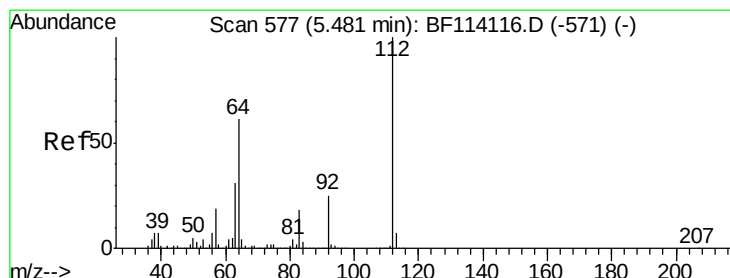
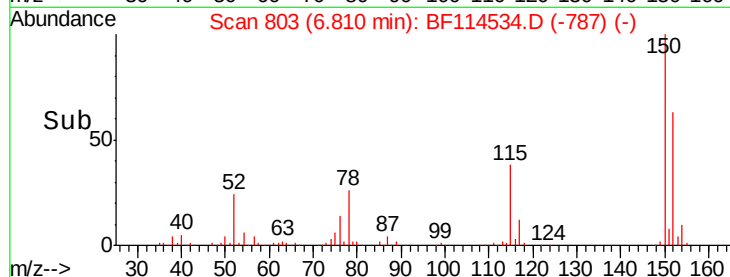
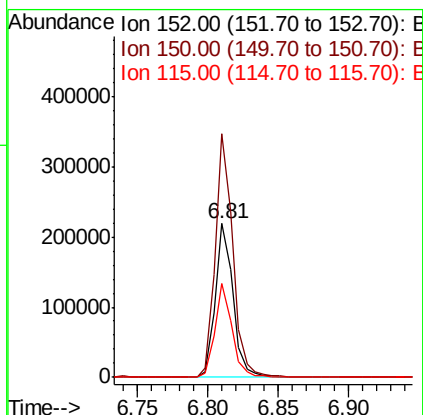
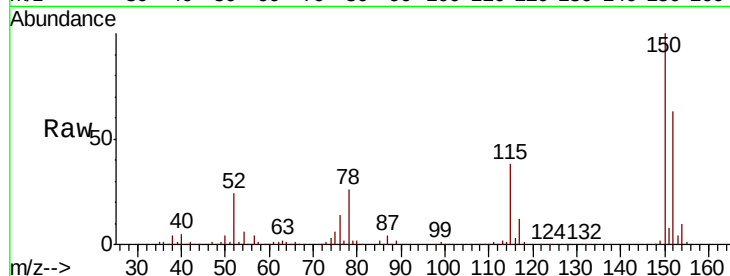


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114534.D
Acq: 23 May 2019 20:15

Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-MUD

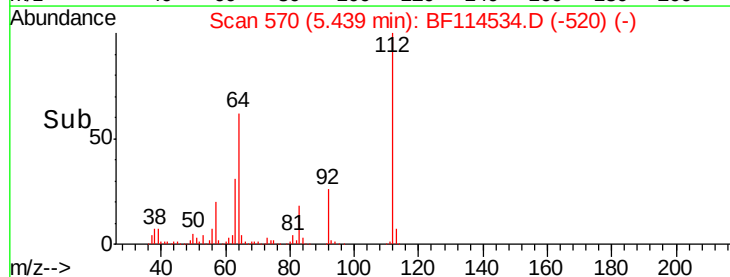
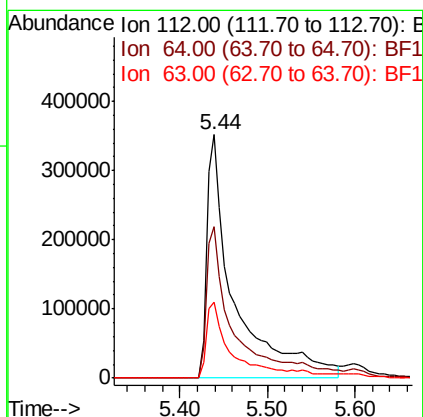
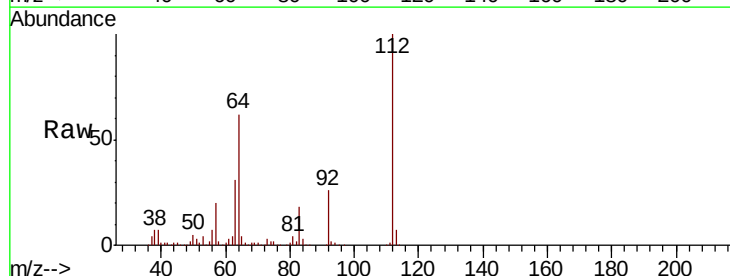
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.3	186.5
115	61.0	49.1	73.7

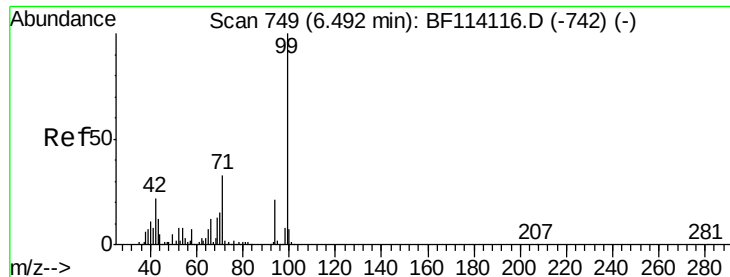


#5

2-Fluorophenol
Concen: 63.823 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114534.D
Acq: 23 May 2019 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.0	73.6
63	31.1	24.6	37.0





#7

Phenol-d6

Concen: 71.033 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114534.D

Acq: 23 May 2019 20:15

Instrument :

BNA_F

ClientSampleId :

PURGE-WATER-MUD

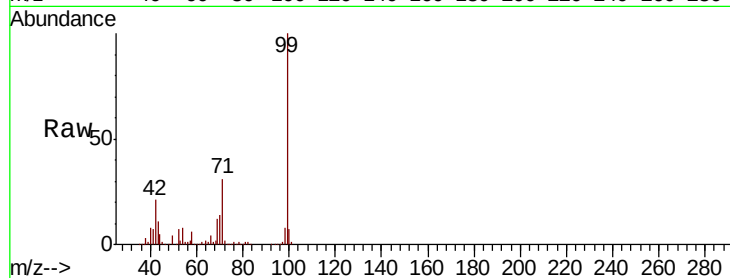
Tot Ion: 99 Resp: 1003545

Ion Ratio Lower Upper

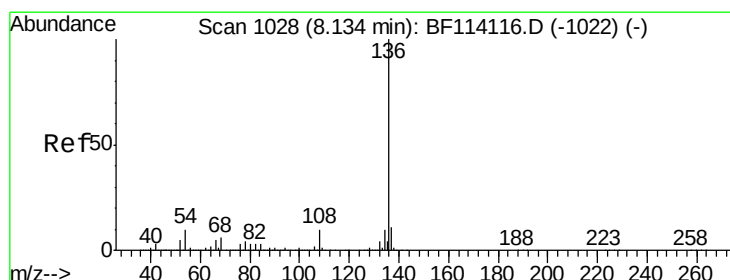
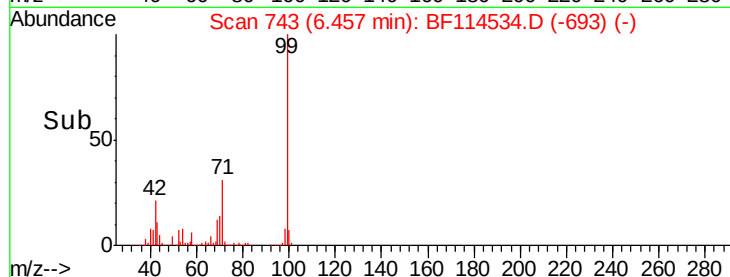
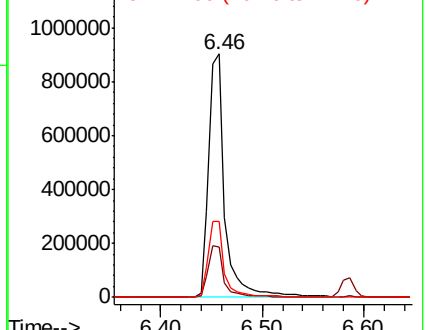
99 100

42 20.6 17.9 26.9

71 31.3 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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114534.D

Acq: 23 May 2019 20:15

Tgt Ion: 136 Resp: 746717

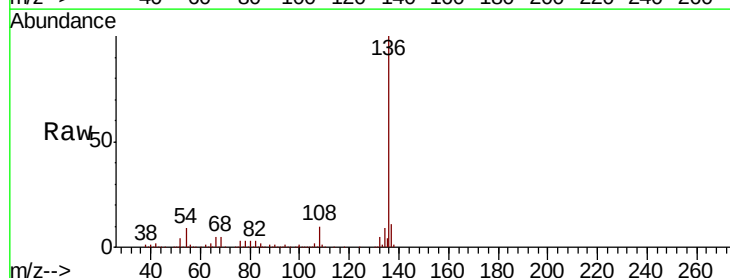
Ion Ratio Lower Upper

136 100

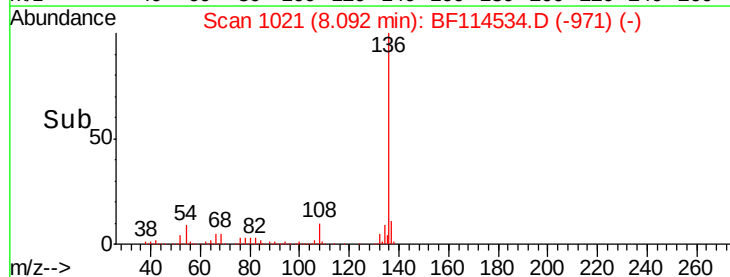
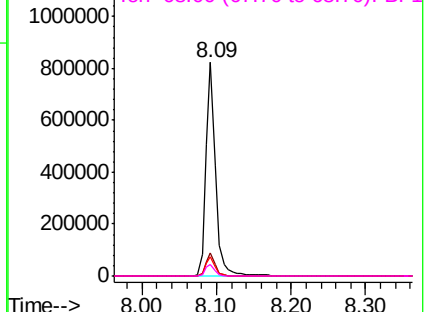
137 11.1 8.8 13.2

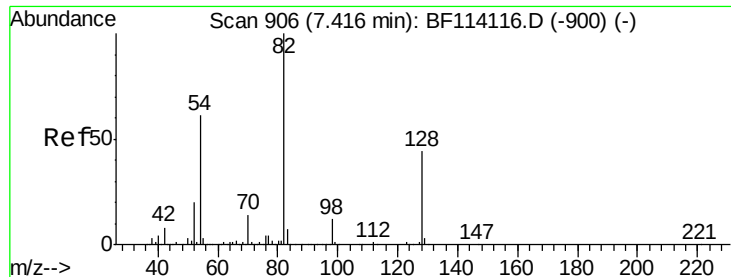
54 9.1 7.8 11.8

68 5.3 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

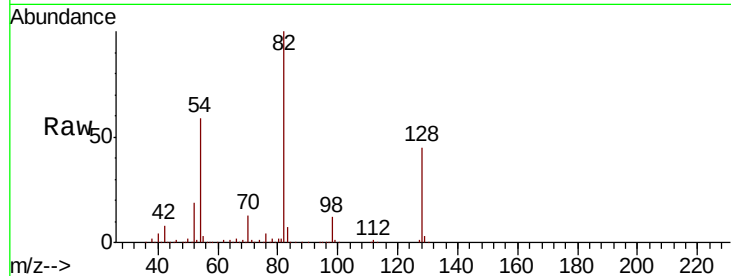




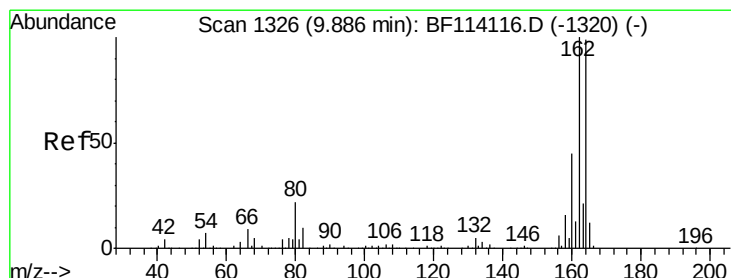
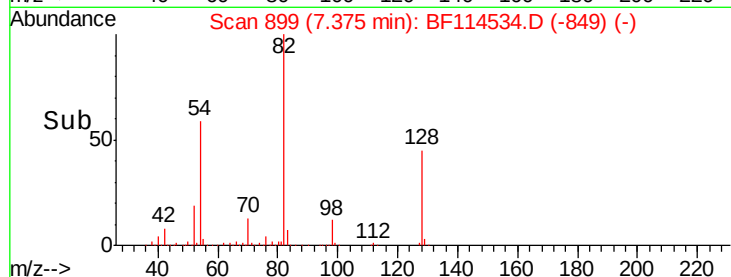
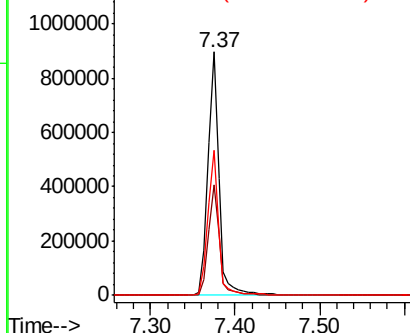
#23
Nitrobenzene-d5
Concen: 61.768 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114534.D
Acq: 23 May 2019 20:15

Instrument :
BNA_F
ClientSampleId :
PURGE-WATER-MUD

Tot Ion: 82 Resp: 821871
Ion Ratio Lower Upper
82 100
128 45.4 35.5 53.3
54 59.4 48.5 72.7

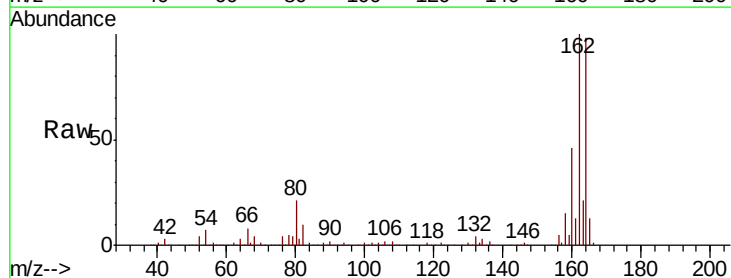


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

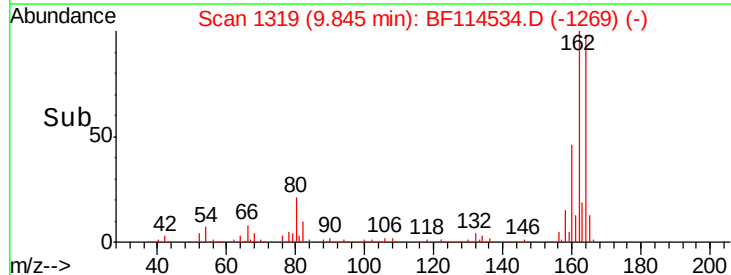
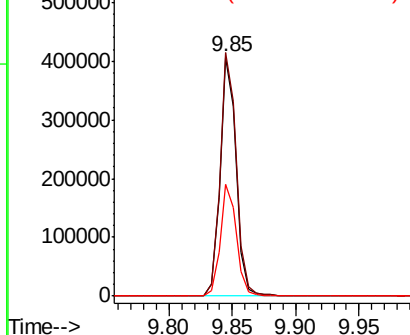


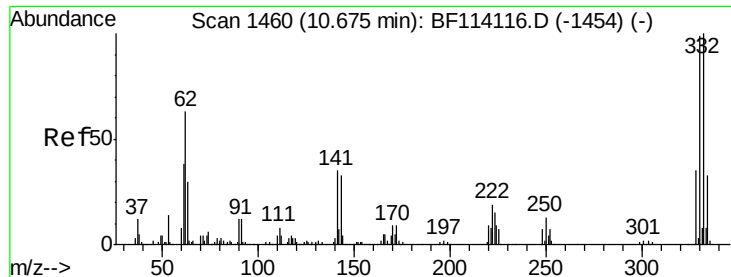
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114534.D
Acq: 23 May 2019 20:15

Tgt Ion: 164 Resp: 361271
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 46.8 36.5 54.7



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

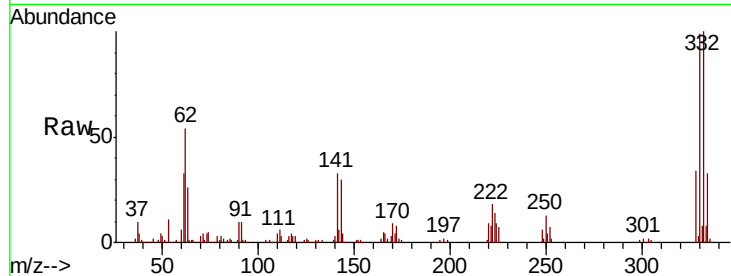




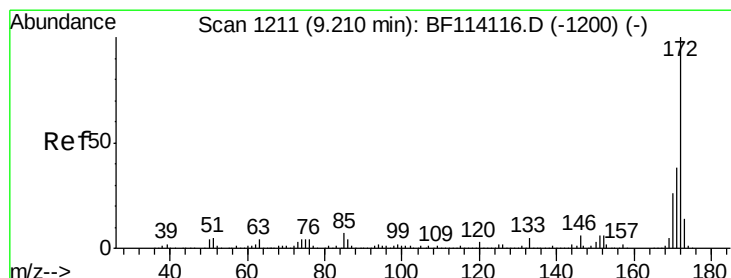
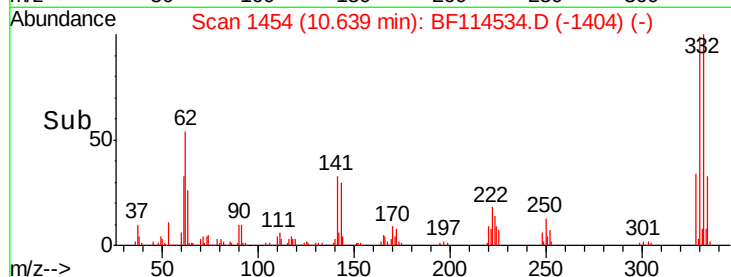
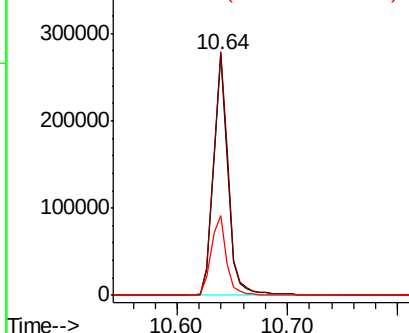
#42
 2,4,6-Tribromophenol
 Concen: 67.111 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114534.D
 Acq: 23 May 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATER-MUD

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.1	81.4	122.2
141	34.3	26.6	40.0

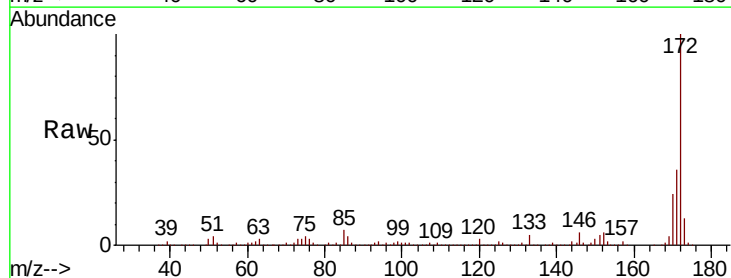


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

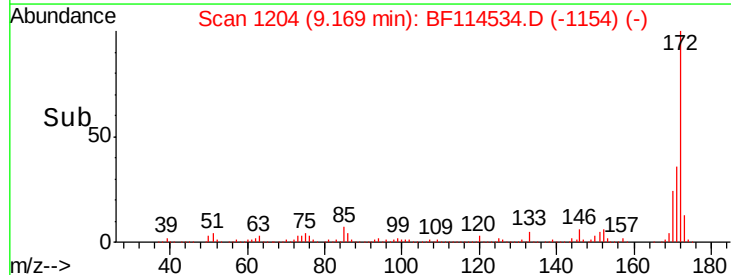
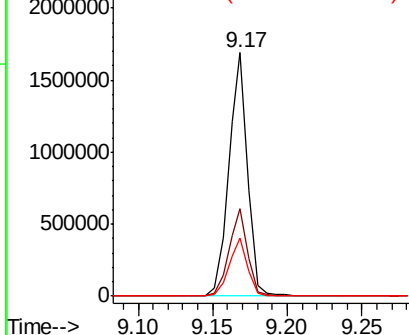


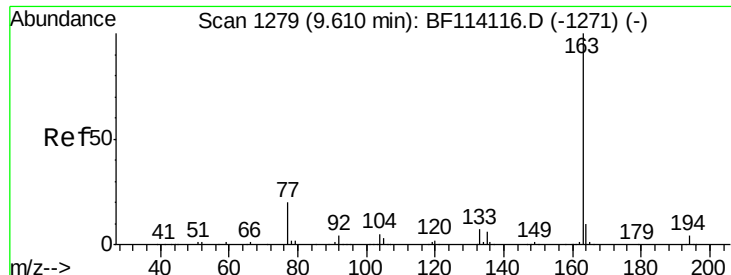
#45
 2-Fluorobiphenyl
 Concen: 62.857 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114534.D
 Acq: 23 May 2019 20:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.7	46.1
170	24.1	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

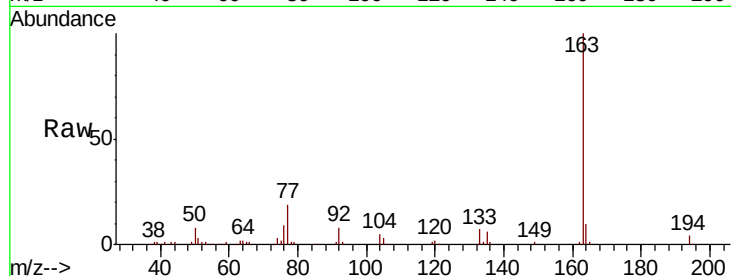




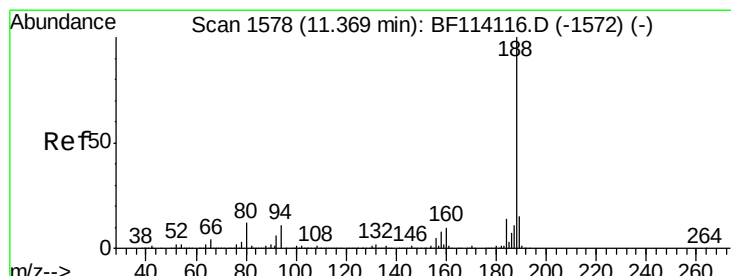
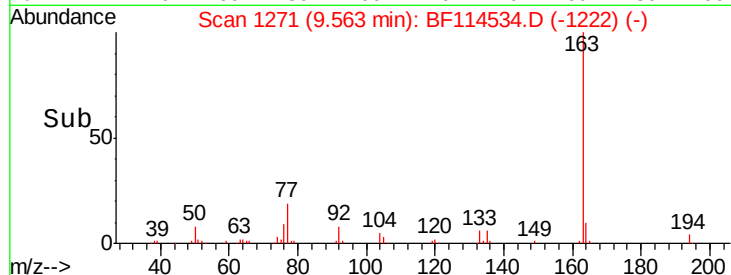
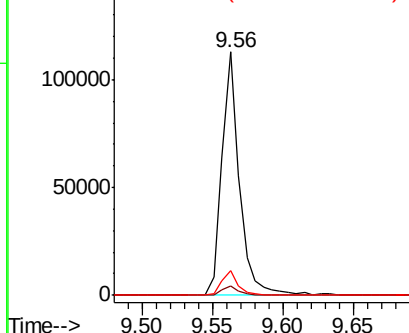
#50
Dimethylphthalate
Concen: 3.699 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114534.D
Acq: 23 May 2019 20:15

Instrument :
BNA_F
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PURGE-WATER-MUD

Tot Ion:163 Resp: 98099
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.0 8.2 12.2

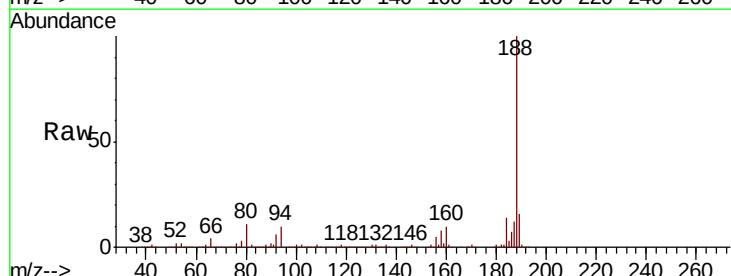


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

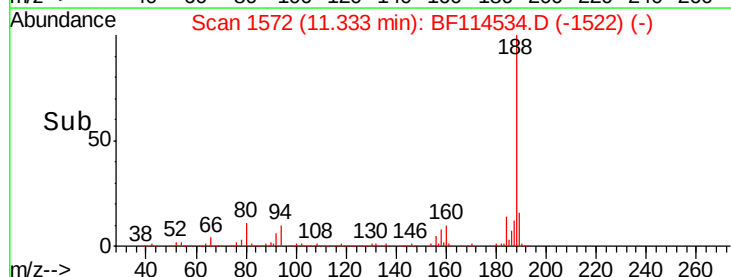
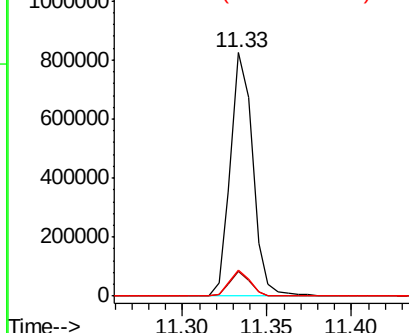


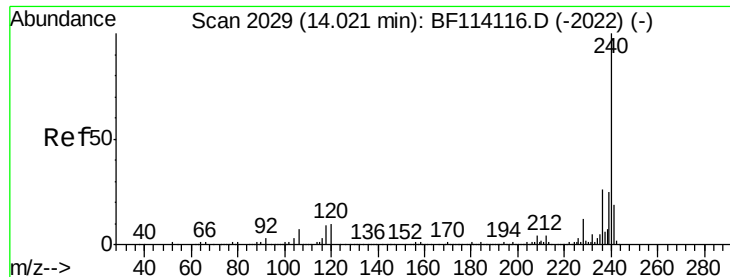
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114534.D
Acq: 23 May 2019 20:15

Tgt Ion:188 Resp: 761602
Ion Ratio Lower Upper
188 100
94 10.2 8.4 12.6
80 10.9 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

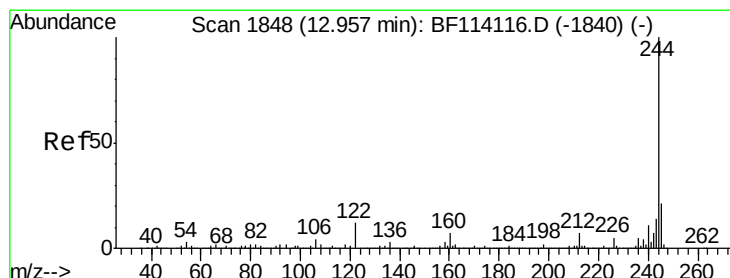
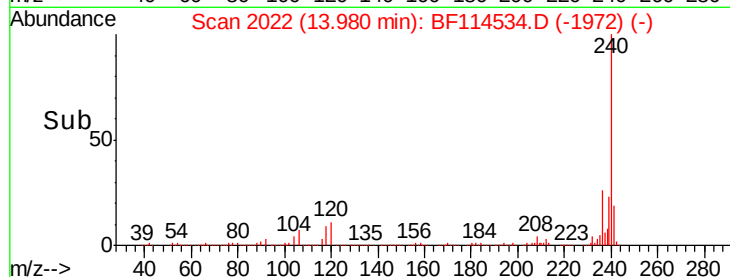
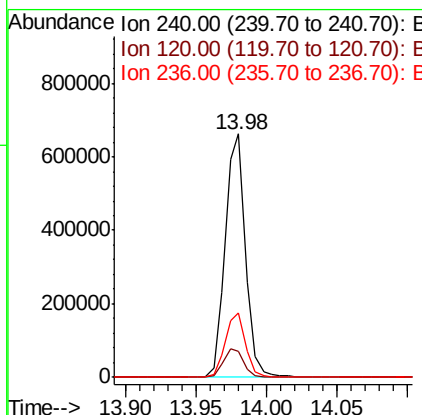
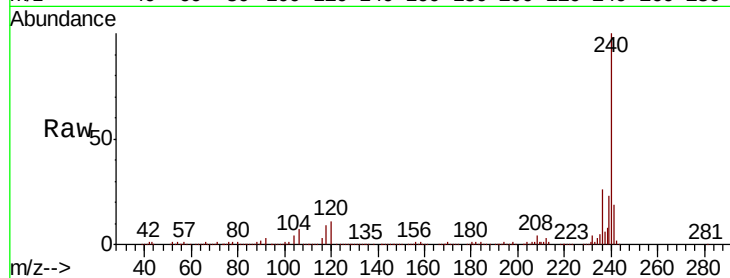




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114534.D
 Acq: 23 May 2019 20:15

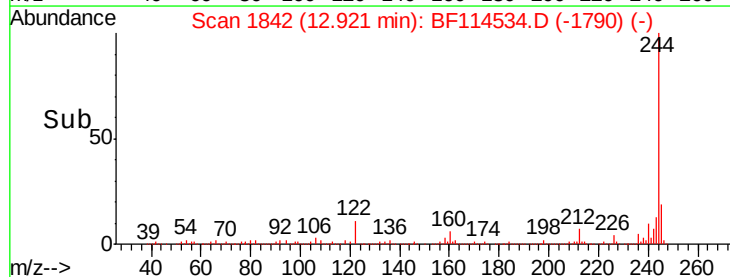
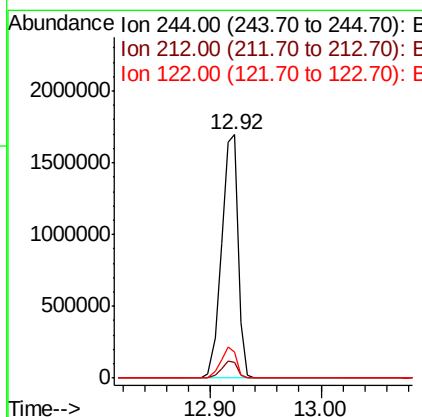
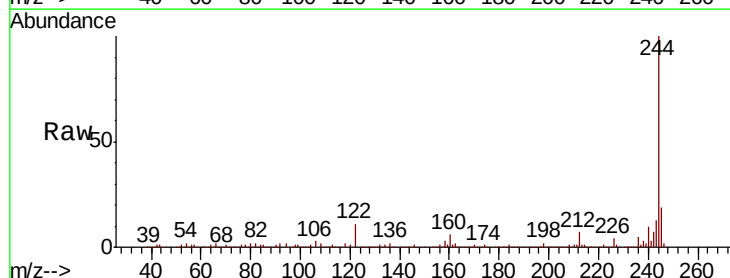
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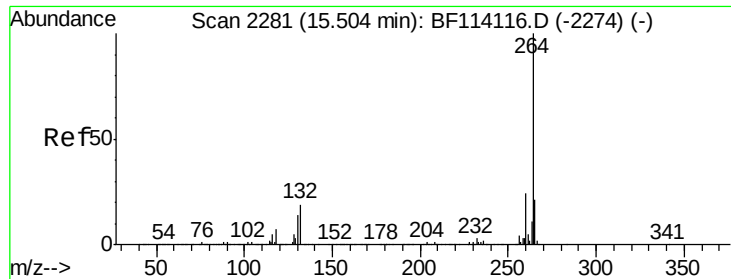
Tot Ion:240 Resp: 659030
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 26.4 20.8 31.2



#79
 Terphenyl-d14
 Concen: 55.439 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114534.D
 Acq: 23 May 2019 20:15

Tgt Ion:244 Resp: 1772348
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 10.9 9.4 14.2



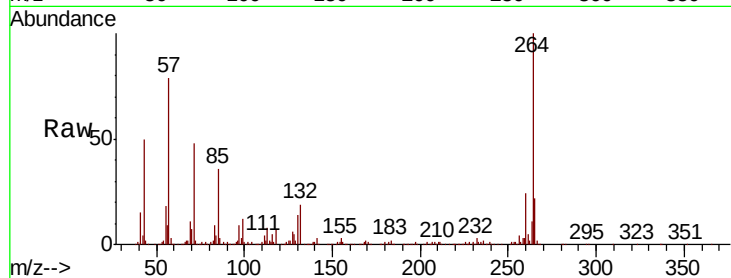


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114534.D
Acq: 23 May 2019 20:15

Instrument :
BNA_F
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PURGE-WATER-MUD

Tot Ion: 264 Resp: 652876

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.6	16.9	25.3



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

