

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114496.D
 Acq On : 22 May 2019 21:14
 Operator : JU/SJ
 Sample : K2971-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-3-052019

Quant Time: May 23 04:04:18 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

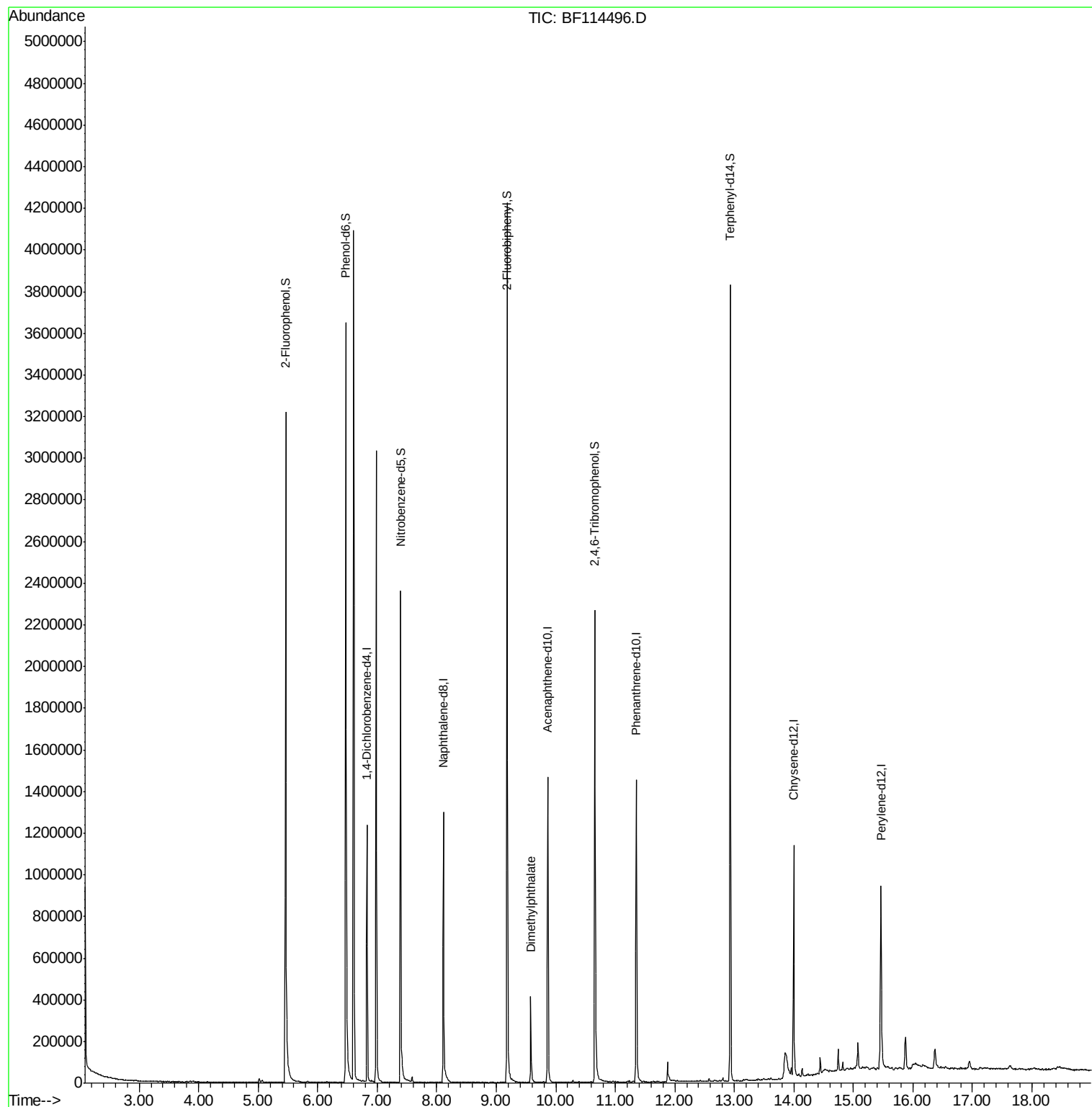
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	171367	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	680935	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	316794	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	620289	20.00	ng	0.00
76) Chrysene-d12	14.00	240	413215	20.00	ng	0.00
87) Perylene-d12	15.46	264	435368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1010313	94.88	ng	0.00
7) Phenol-d6	6.47	99	1309829	104.00	ng	-0.01
23) Nitrobenzene-d5	7.39	82	798679	65.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	303063	92.53	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1370599	65.44	ng	0.00
79) Terphenyl-d14	12.93	244	1256983	62.71	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	198058	8.517	ng	Qvalue 98

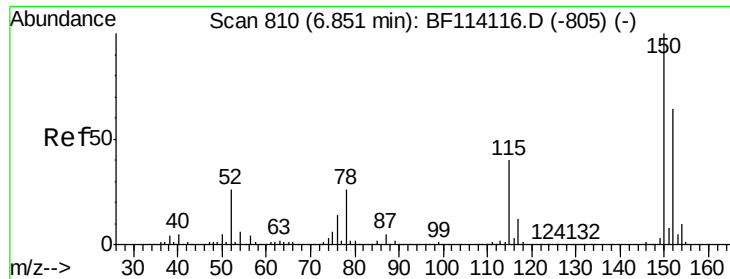
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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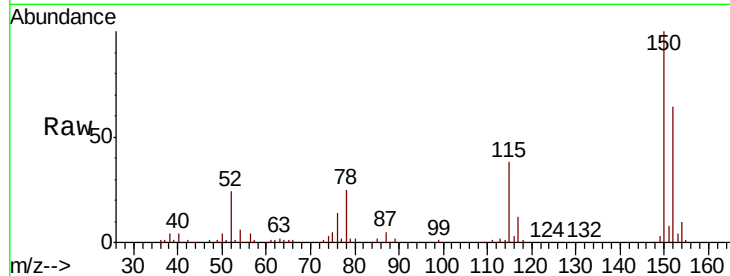




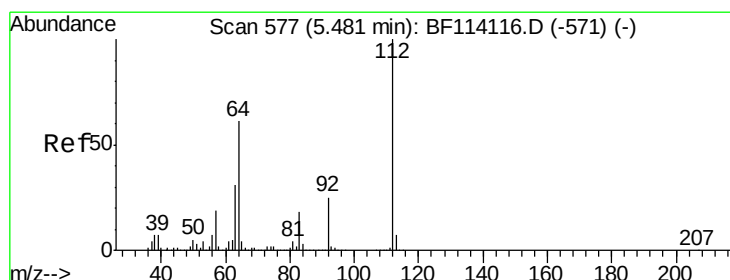
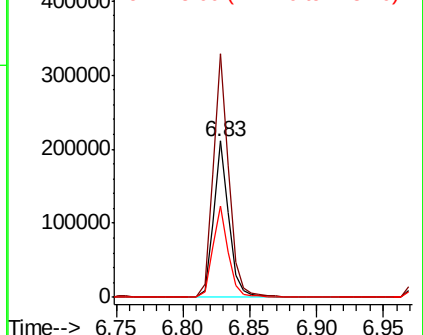
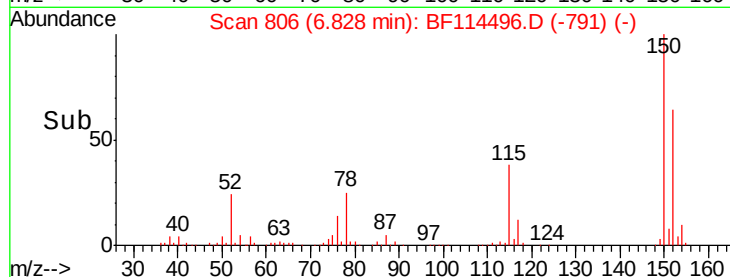
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114496.D
 Acq: 22 May 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-3-052019

Tot Ion:152 Resp: 171367
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.3 186.5
 115 58.6 49.1 73.7

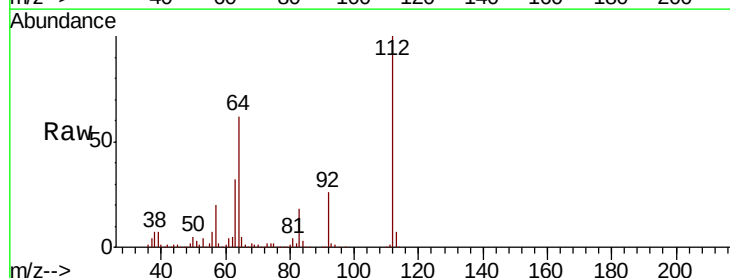


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

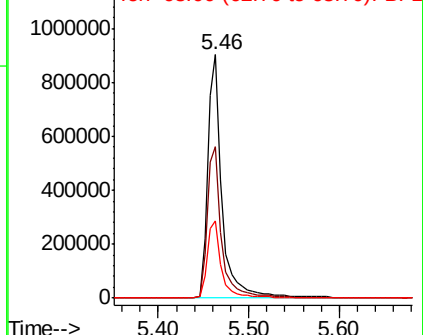
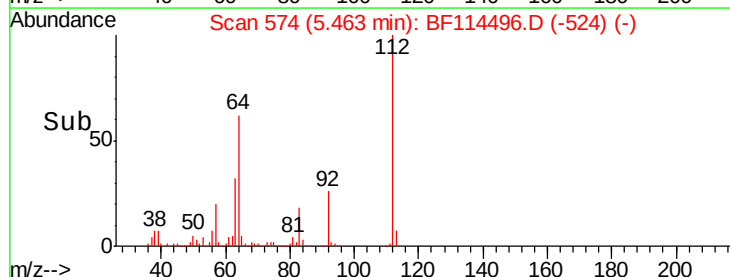


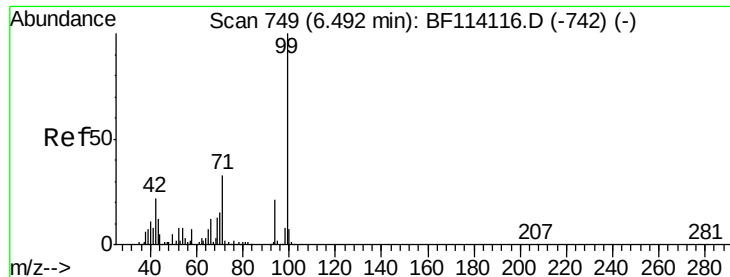
#5
 2-Fluorophenol
 Concen: 94.876 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF114496.D
 Acq: 22 May 2019 21:14

Tgt Ion:112 Resp: 1010313
 Ion Ratio Lower Upper
 112 100
 64 62.4 49.0 73.6
 63 31.8 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: 103.999 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114496.D

Acq: 22 May 2019 21:14

Instrument :

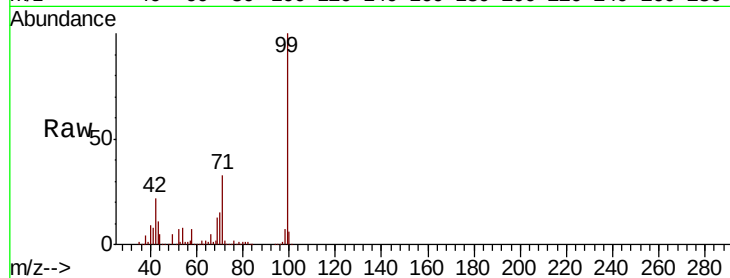
BNA_F

ClientSampleId :

SUP-2A-C-3-052019

Tot Ion: 99 Resp: 1309829

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.9	26.9
71	32.9	26.2	39.2

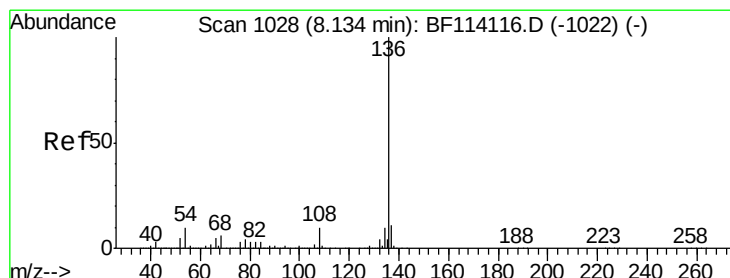
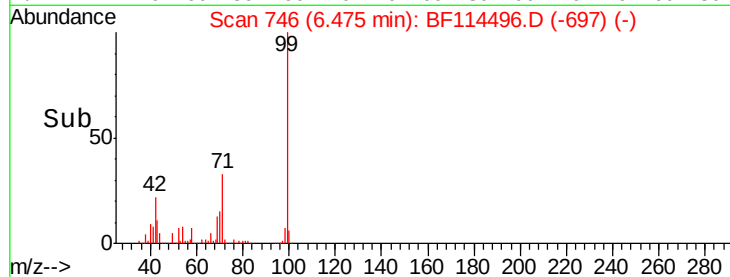


Abundance

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

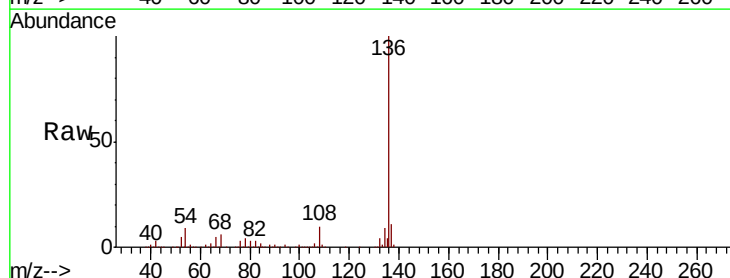
Delta R.T. -0.01 min

Lab File: BF114496.D

Acq: 22 May 2019 21:14

Tgt Ion: 136 Resp: 680935

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.4	7.8	11.8
68	6.1	5.1	7.7



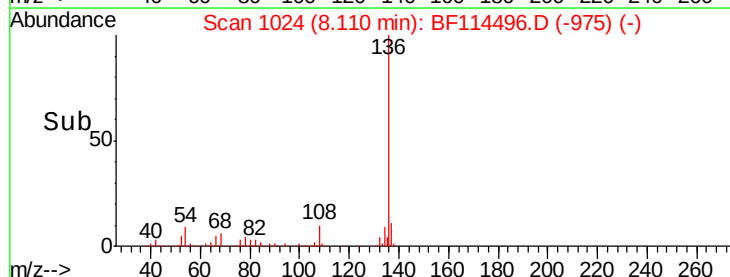
Abundance

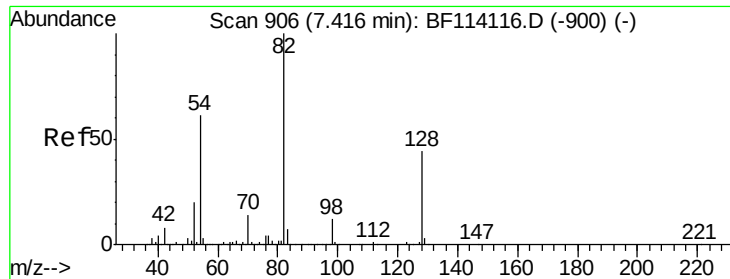
Ion 136.00 (135.70 to 136.70): E

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

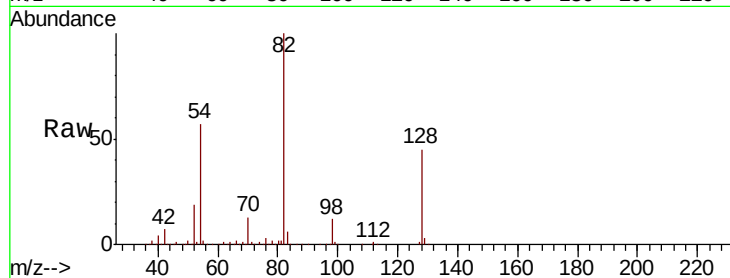




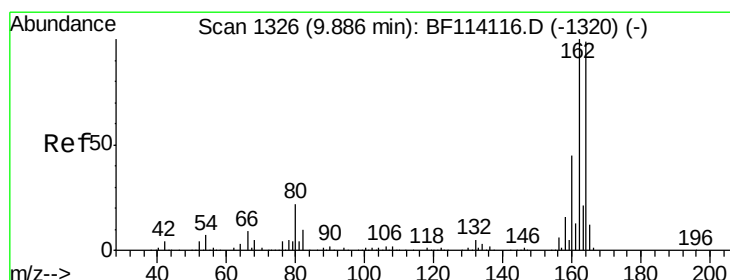
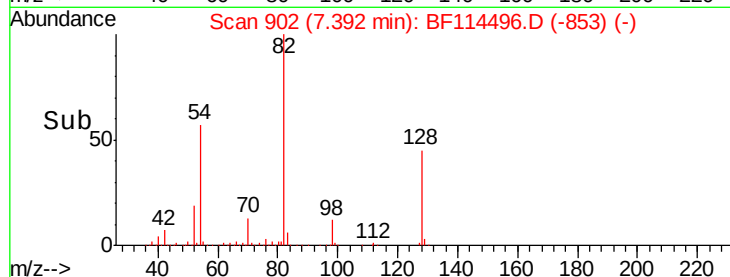
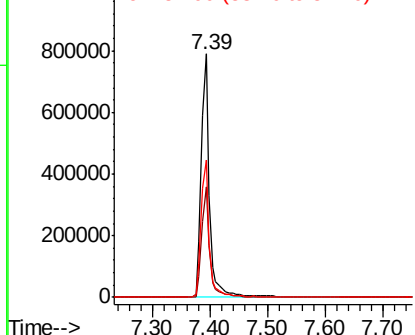
#23
Nitrobenzene-d5
Concen: 65.824 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114496.D
Acq: 22 May 2019 21:14

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-3-052019

Tot Ion	82	Resp	798679
Ion Ratio	100		
Lower	35.5		
Upper	53.3		
54	56.6	48.5	72.7

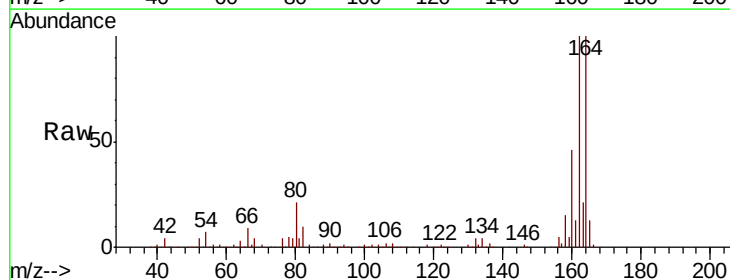


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

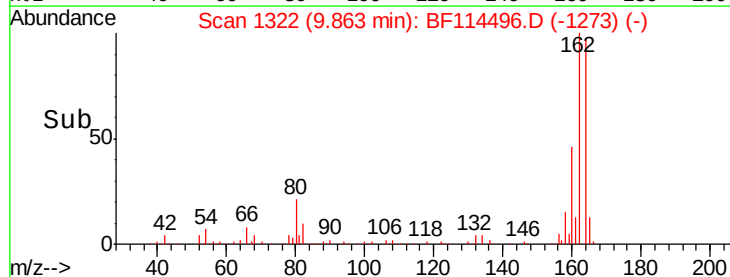
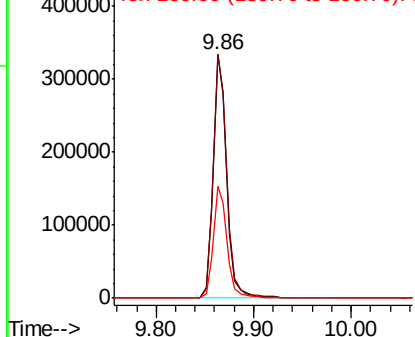


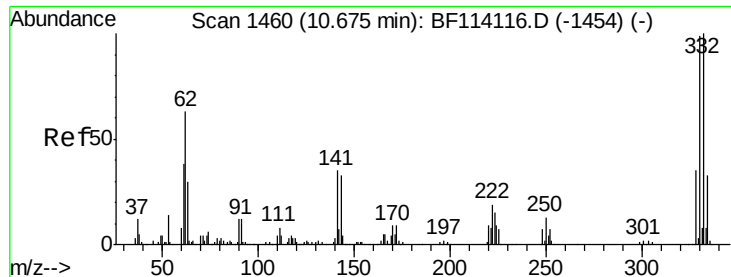
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114496.D
Acq: 22 May 2019 21:14

Tgt Ion	164	Resp	316794
Ion Ratio	100		
Lower	80.6		
Upper	120.8		
162	100.1	36.5	54.7
160	46.0		



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





#42

2,4,6-Tribromophenol

Concen: 92.535 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114496.D

Acq: 22 May 2019 21:14

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-3-052019

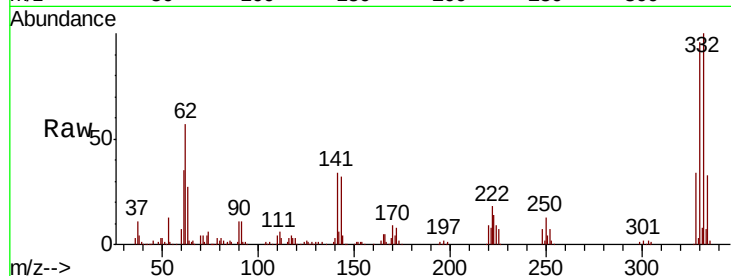
Tot Ion:330 Resp: 303063

Ion Ratio Lower Upper

330 100

332 104.0 81.4 122.2

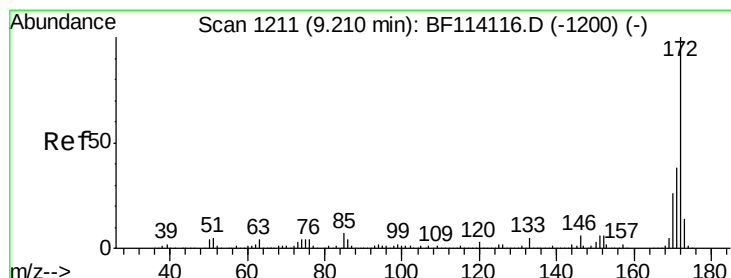
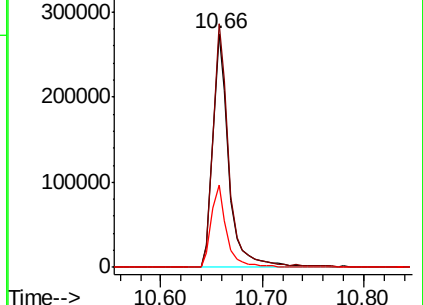
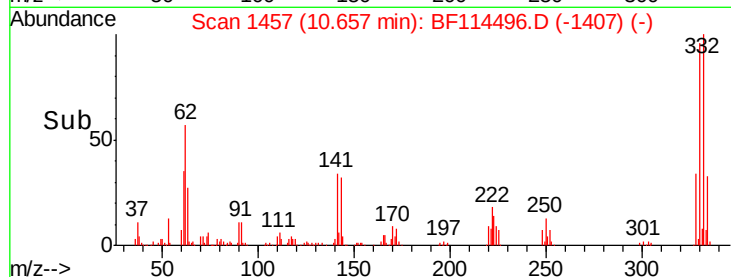
141 34.7 26.6 40.0



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: 65.445 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114496.D

Acq: 22 May 2019 21:14

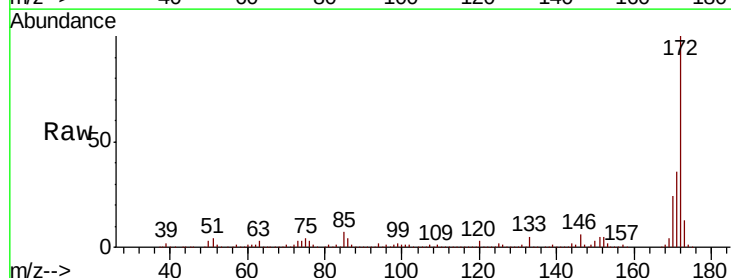
Tgt Ion:172 Resp: 1370599

Ion Ratio Lower Upper

172 100

171 35.7 30.7 46.1

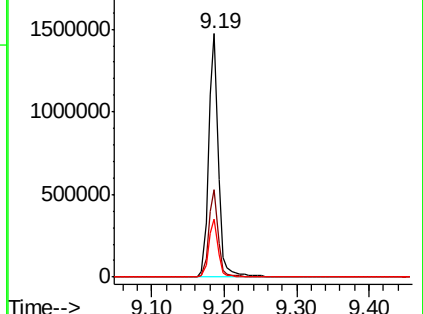
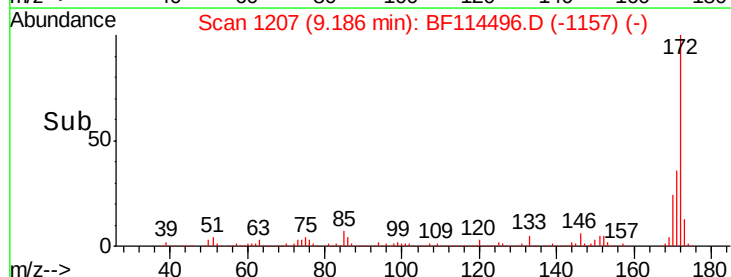
170 23.6 20.5 30.7

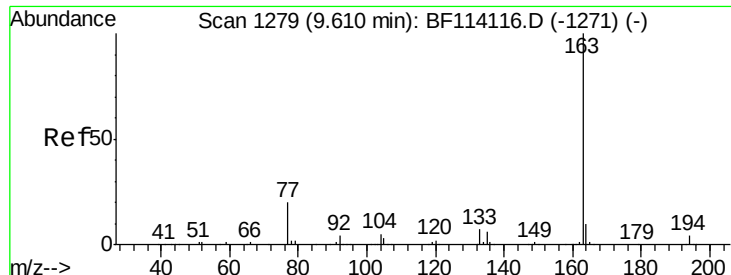


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

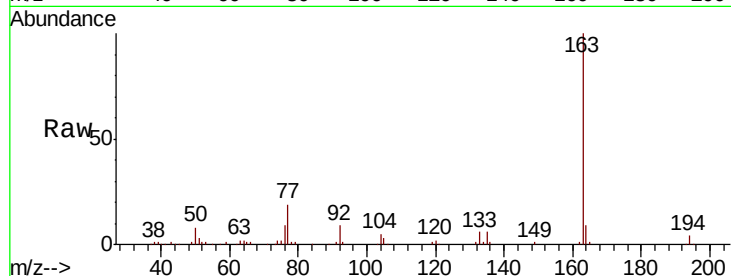




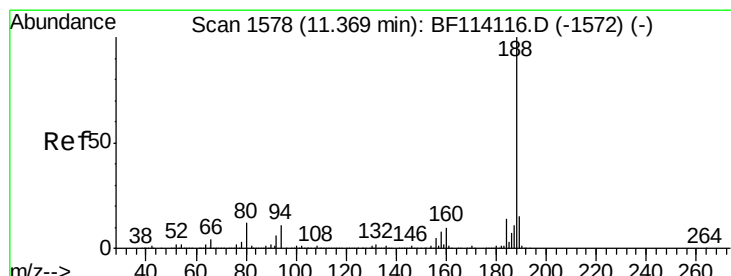
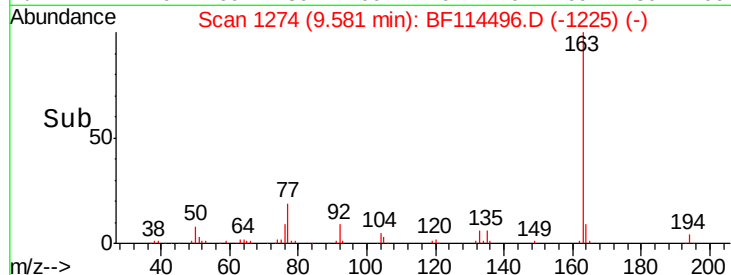
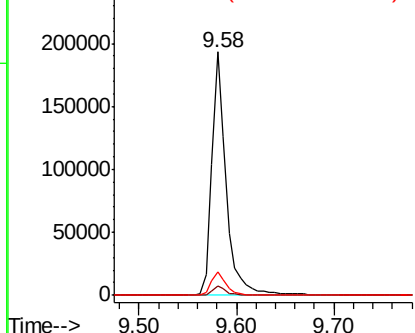
#50
Dimethylphthalate
Concen: 8.517 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114496.D
Acq: 22 May 2019 21:14

Instrument :
BNA_F
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SUP-2A-C-3-052019

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	9.4	8.2	12.2

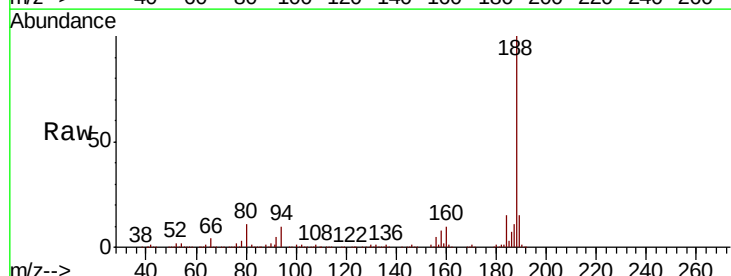


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

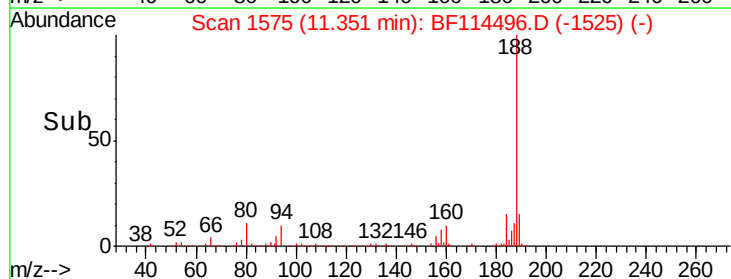
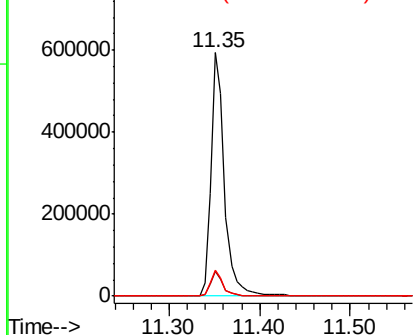


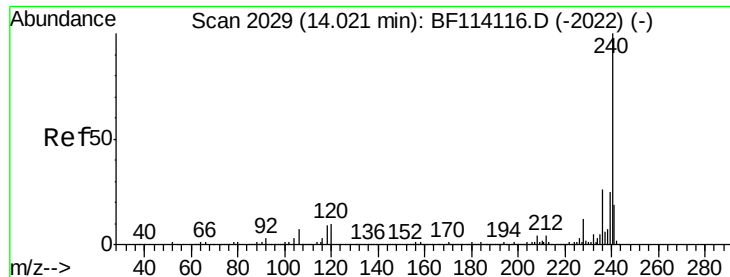
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114496.D
Acq: 22 May 2019 21:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.4	12.6
80	10.7	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

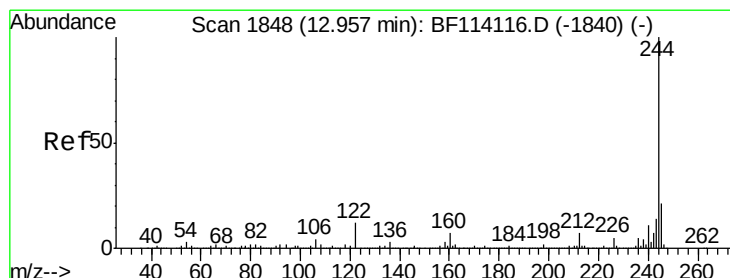
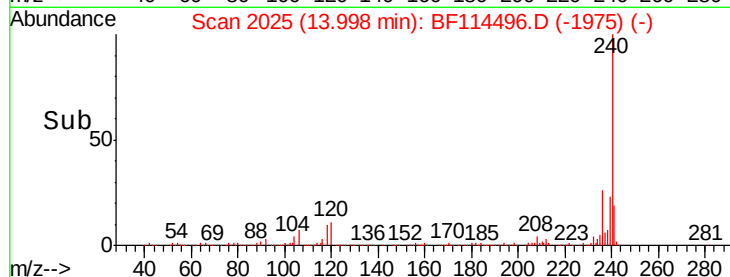
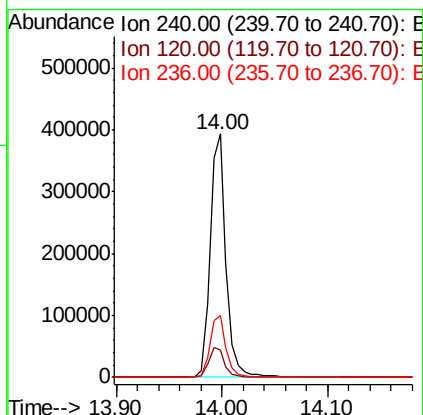
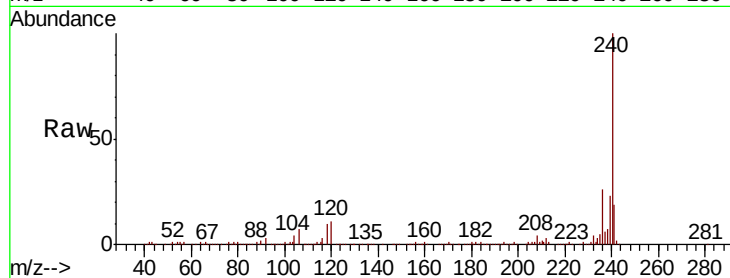




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114496.D
 Acq: 22 May 2019 21:14

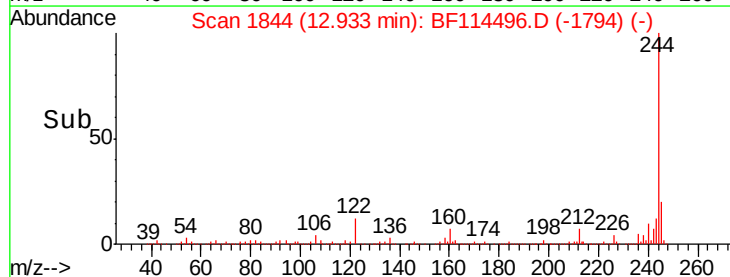
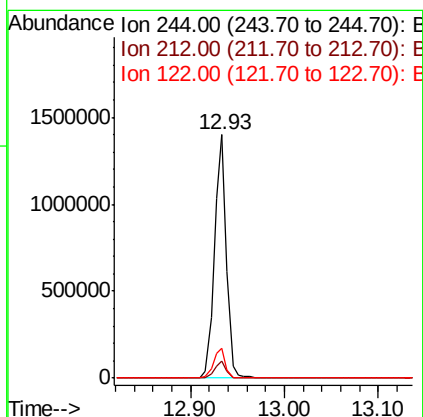
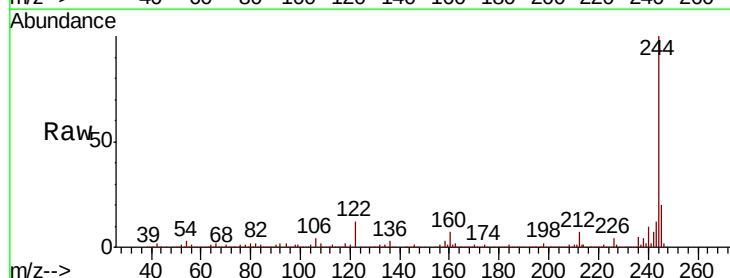
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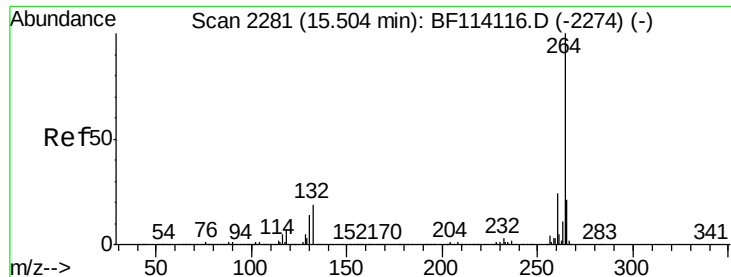
Tot Ion:240 Resp: 413215
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.3 12.5
 236 25.5 20.8 31.2



#79
 Terphenyl-d14
 Concen: 62.708 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114496.D
 Acq: 22 May 2019 21:14

Tgt Ion:244 Resp: 1256983
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.1 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: BF114496.D
 Acq: 22 May 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-3-052019

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.0	16.9	25.3

