

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114495.D
 Acq On : 22 May 2019 20:47
 Operator : JU/SJ
 Sample : K2971-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 23 04:02:52 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

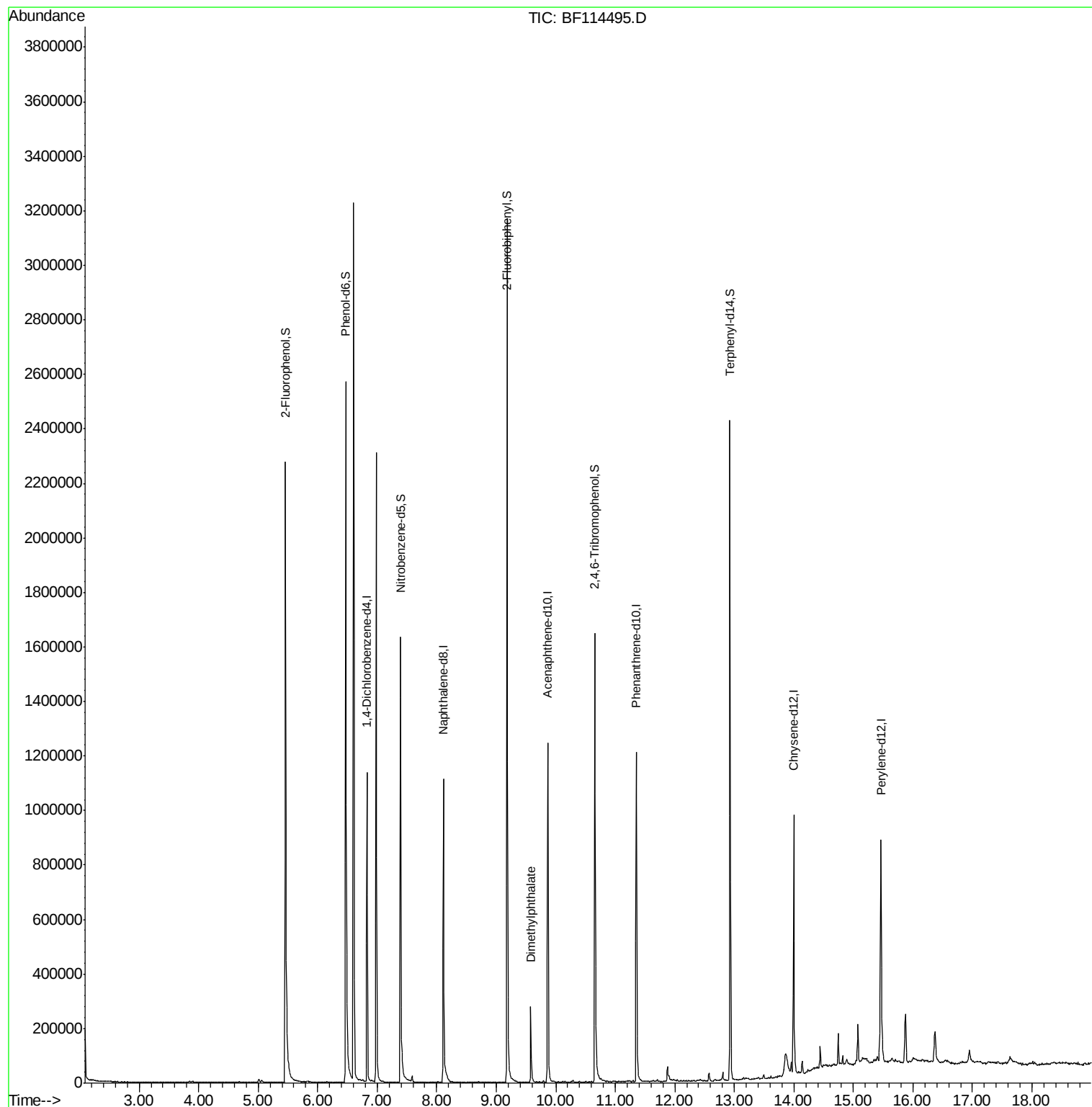
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	159165	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	613917	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	276721	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	532962	20.00	ng	0.00
76) Chrysene-d12	14.00	240	350849	20.00	ng	0.00
87) Perylene-d12	15.46	264	394523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	785681	79.44	ng	-0.01
7) Phenol-d6	6.47	99	1017642	86.99	ng	-0.01
23) Nitrobenzene-d5	7.39	82	610782	55.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	224248	78.39	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1057349	57.80	ng	0.00
79) Terphenyl-d14	12.93	244	888709	52.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	135341	6.662	ng	Qvalue 99

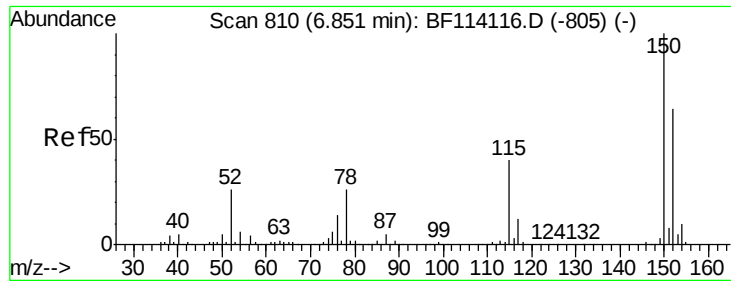
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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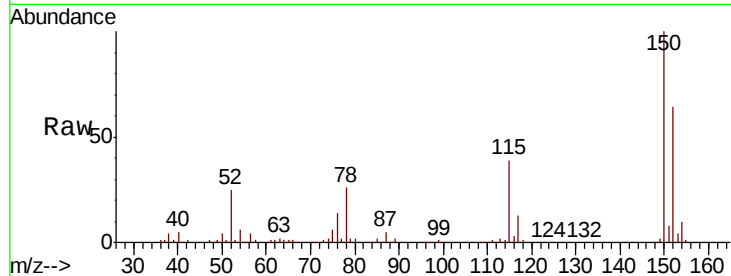


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114495.D
 Acq: 22 May 2019 20:47

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.3	186.5
115	60.2	49.1	73.7

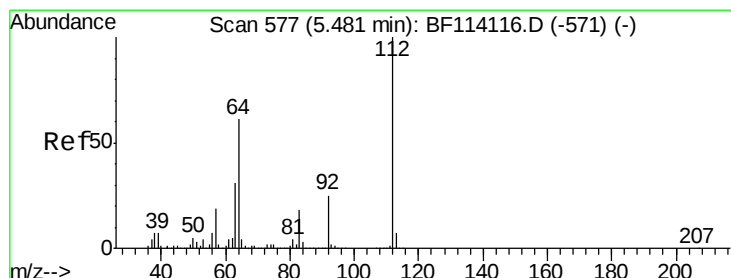
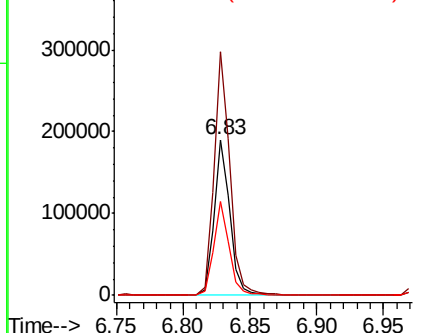
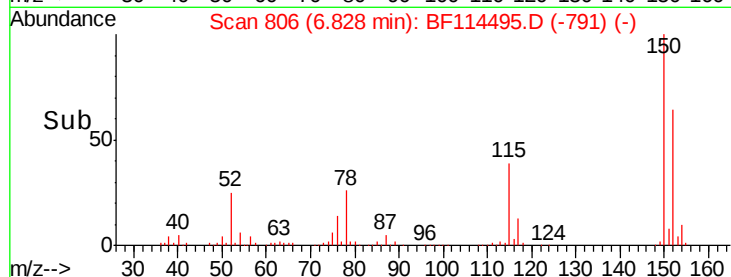


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

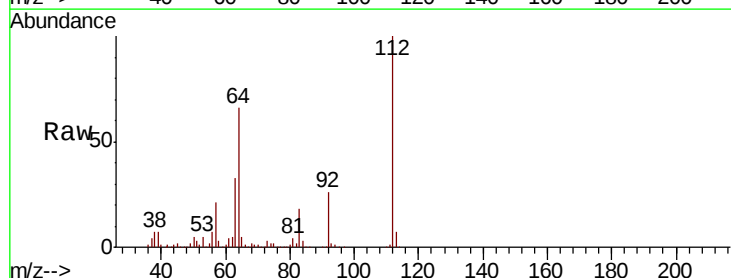
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 79.437 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF114495.D
 Acq: 22 May 2019 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	49.0	73.6
63	33.1	24.6	37.0

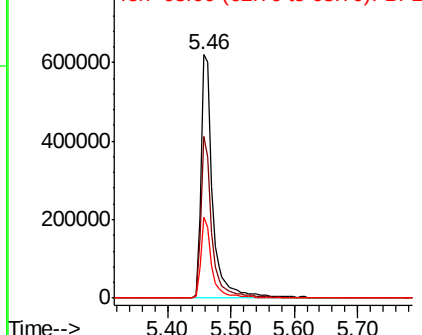
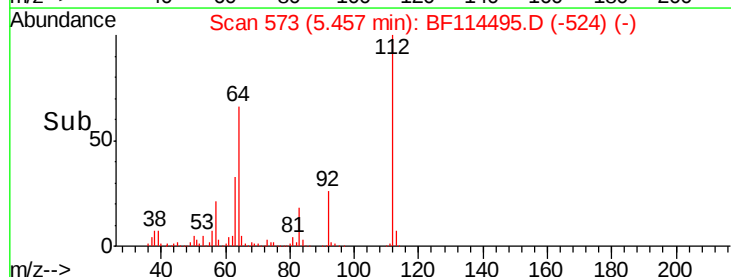


Abundance

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: 86.994 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114495.D

Acq: 22 May 2019 20:47

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-2-052019

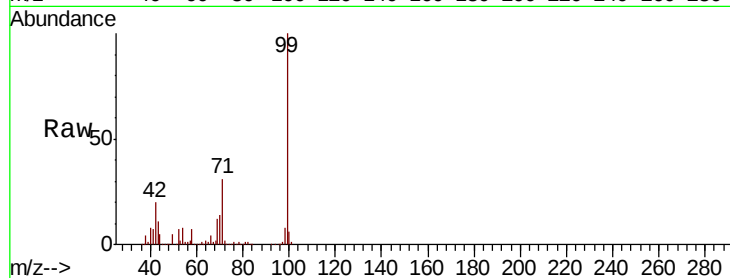
Tot Ion: 99 Resp: 1017642

Ion Ratio Lower Upper

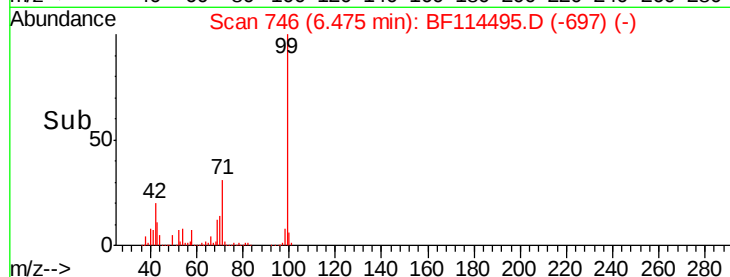
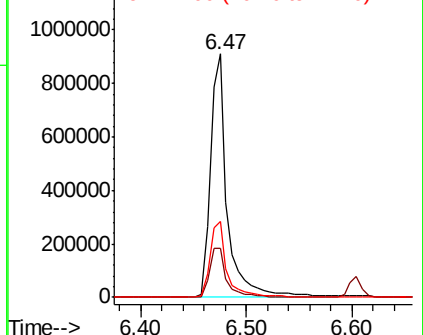
99 100

42 20.2 17.9 26.9

71 31.1 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: BF114495.D

Acq: 22 May 2019 20:47

Tgt Ion: 136 Resp: 613917

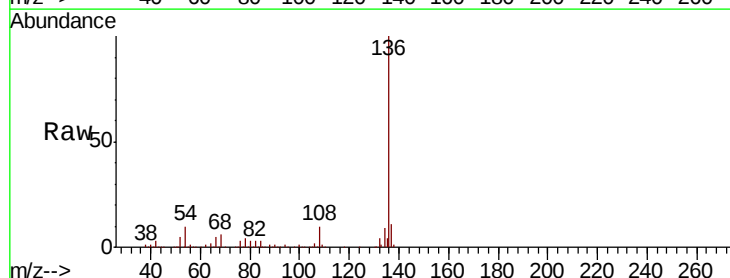
Ion Ratio Lower Upper

136 100

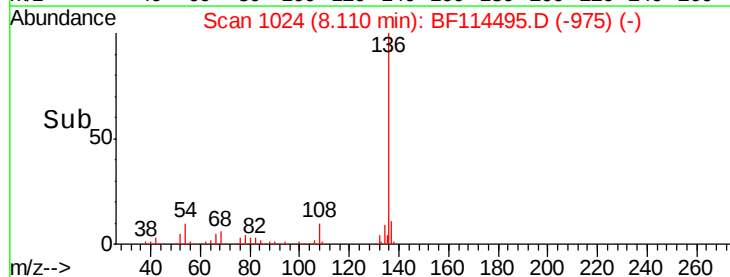
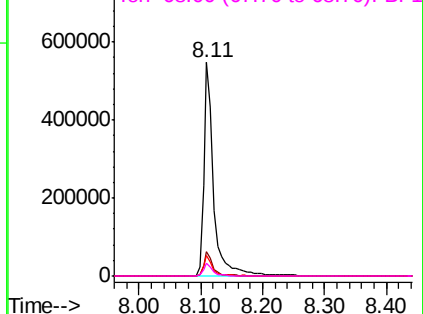
137 11.2 8.8 13.2

54 9.6 7.8 11.8

68 6.3 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

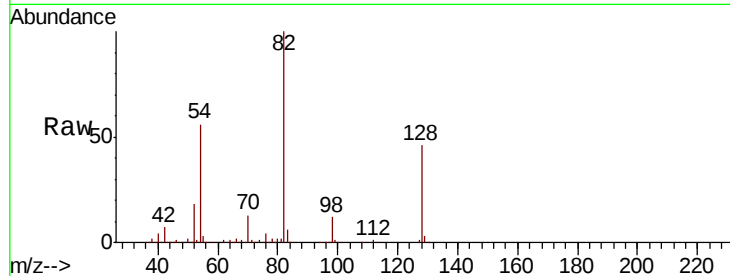




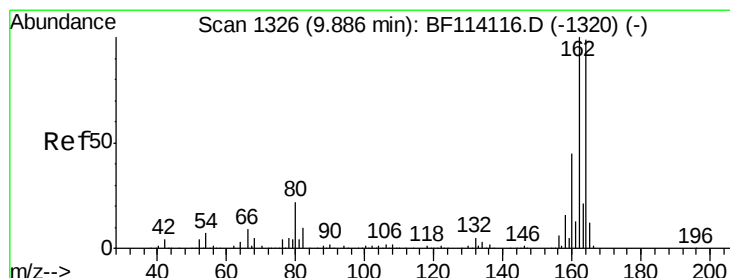
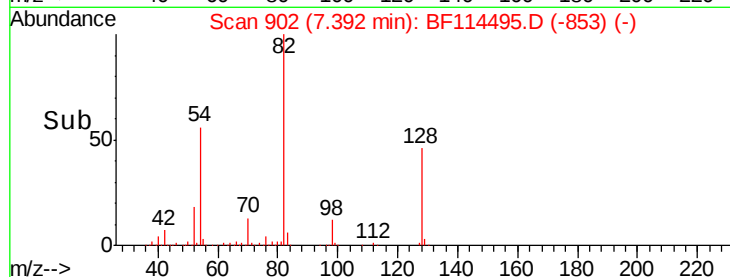
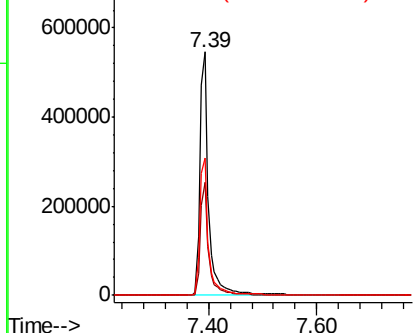
#23
 Nitrobenzene-d5
 Concen: 55.833 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114495.D
 Acq: 22 May 2019 20:47

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.5	53.3
54	56.2	48.5	72.7

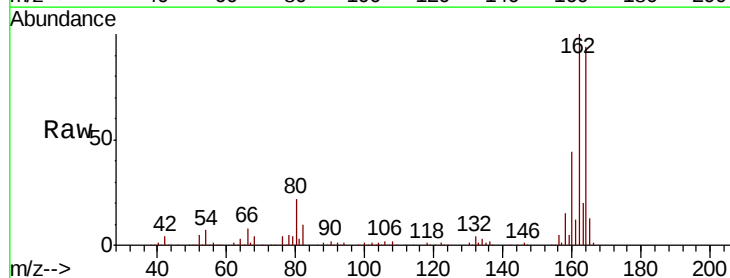


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

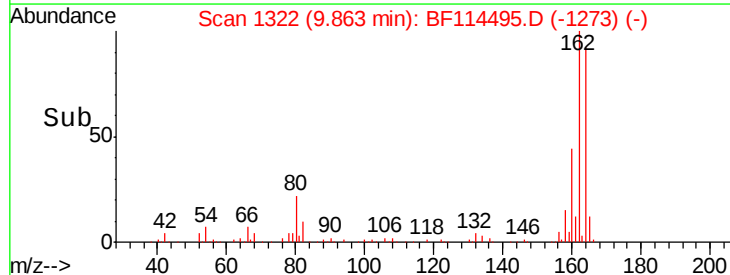
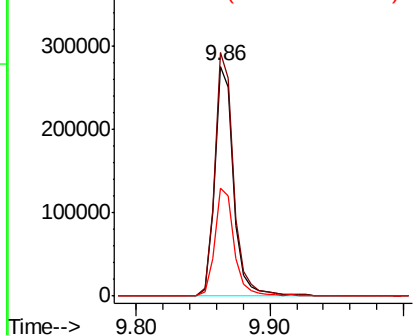


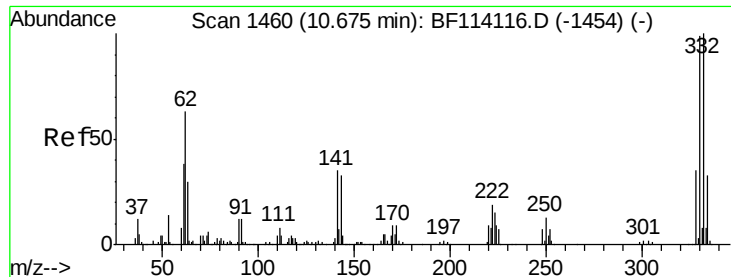
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114495.D
 Acq: 22 May 2019 20:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	80.6	120.8
160	47.1	36.5	54.7



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: 78.386 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114495.D

Acq: 22 May 2019 20:47

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-2-052019

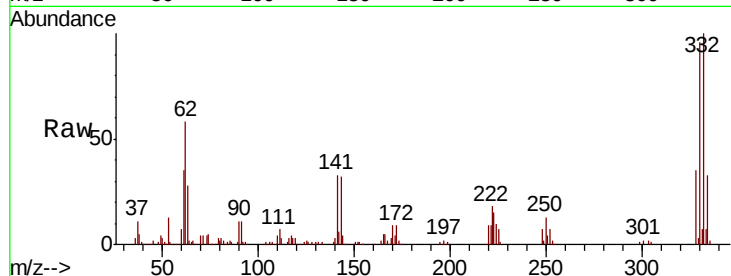
Tot Ion:330 Resp: 224248

Ion Ratio Lower Upper

330 100

332 102.4 81.4 122.2

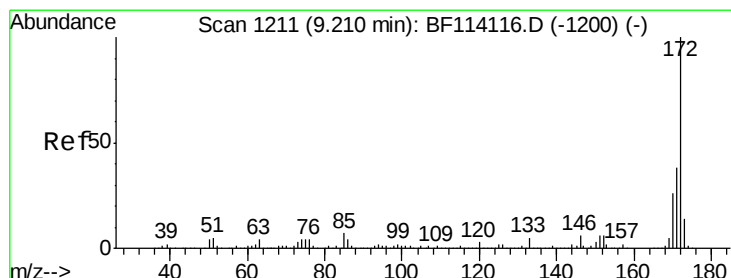
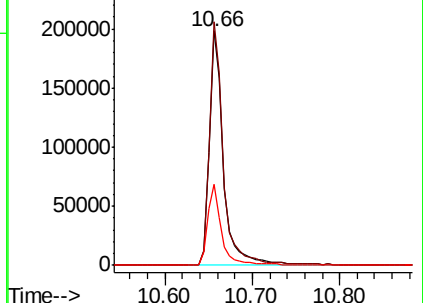
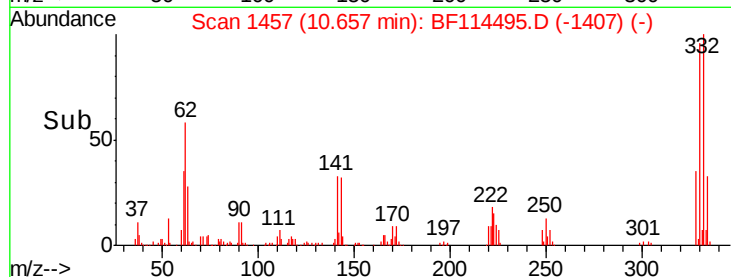
141 33.7 26.6 40.0



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: 57.799 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114495.D

Acq: 22 May 2019 20:47

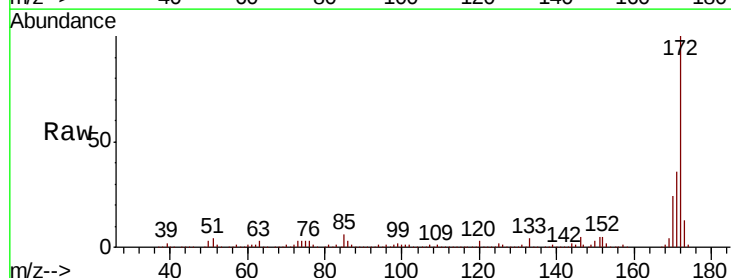
Tgt Ion:172 Resp: 1057349

Ion Ratio Lower Upper

172 100

171 35.5 30.7 46.1

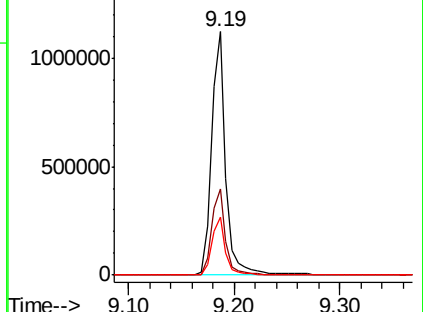
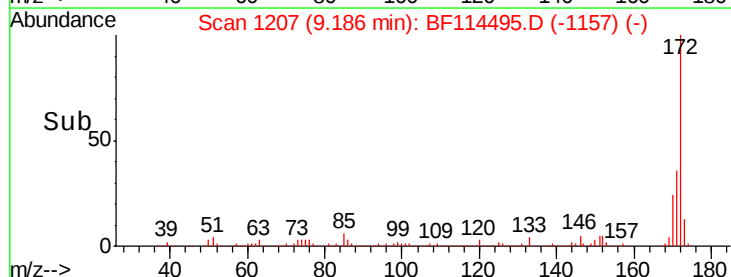
170 23.7 20.5 30.7

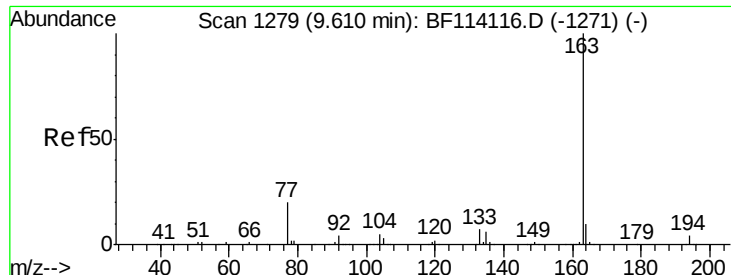


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

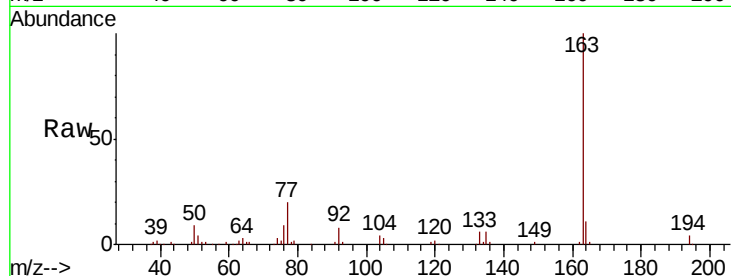




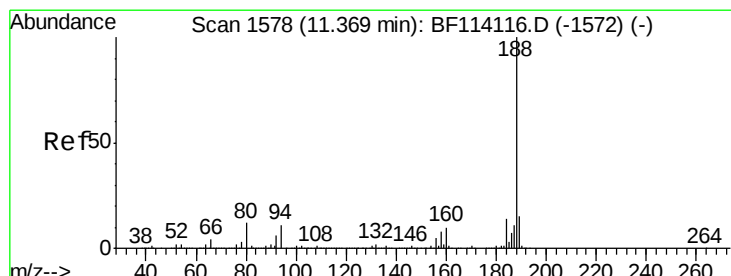
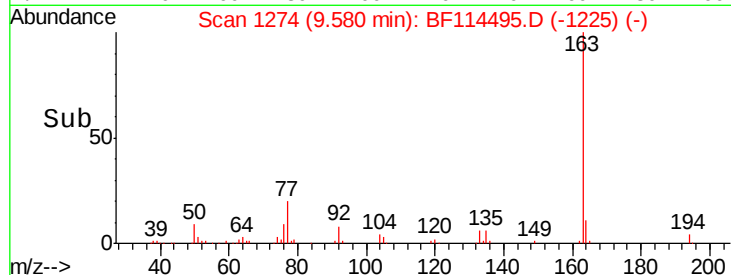
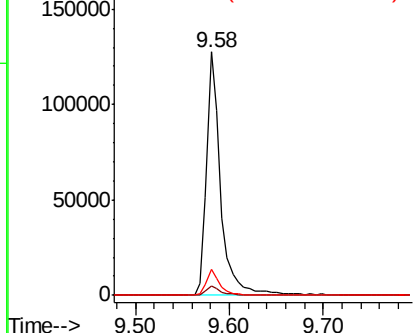
#50
Dimethylphthalate
Concen: 6.662 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114495.D
Acq: 22 May 2019 20:47

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

Tot Ion:163 Resp: 135341
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.7 8.2 12.2

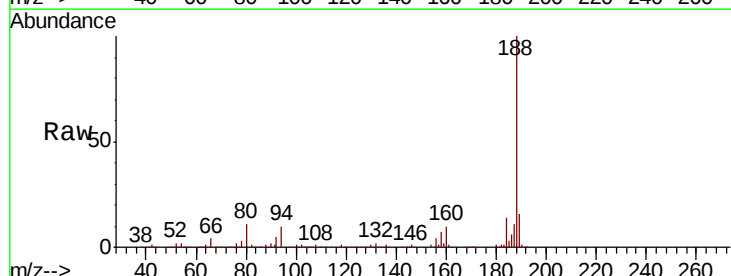


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

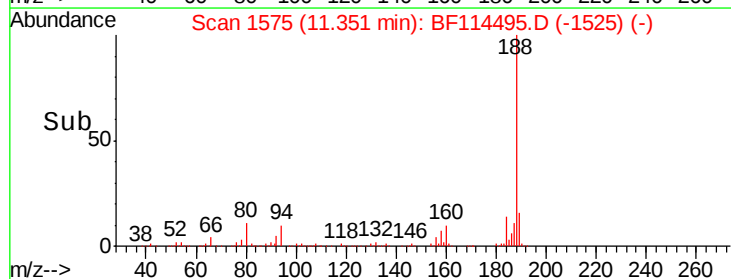
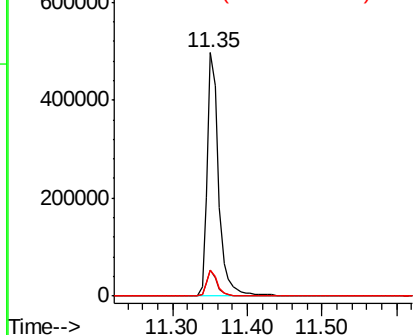


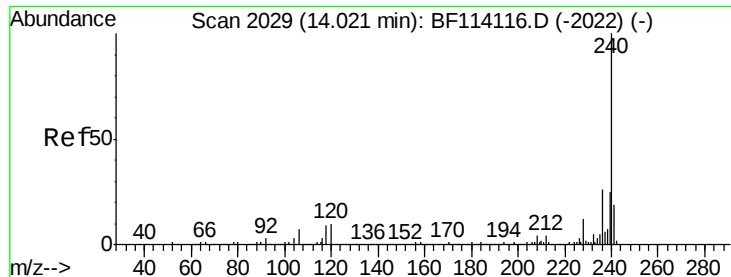
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114495.D
Acq: 22 May 2019 20:47

Tgt Ion:188 Resp: 532962
Ion Ratio Lower Upper
188 100
94 10.4 8.4 12.6
80 10.8 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

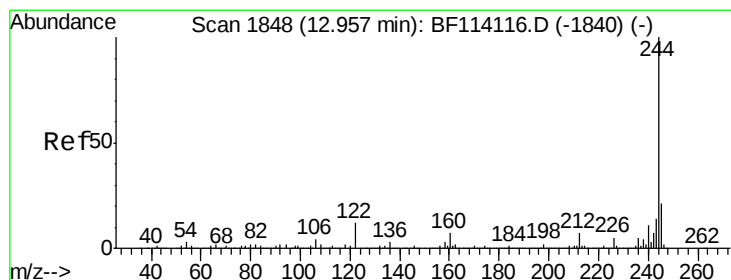
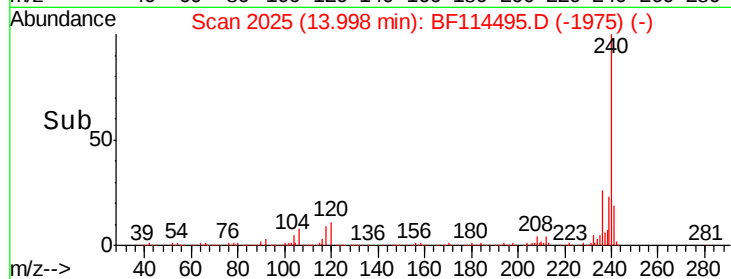
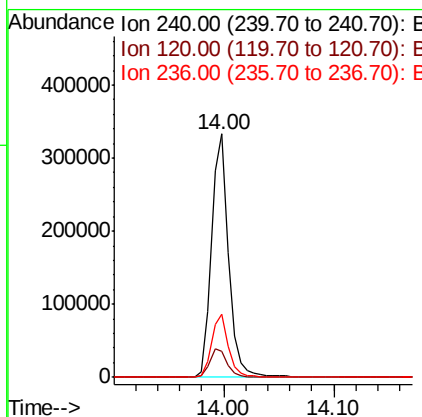
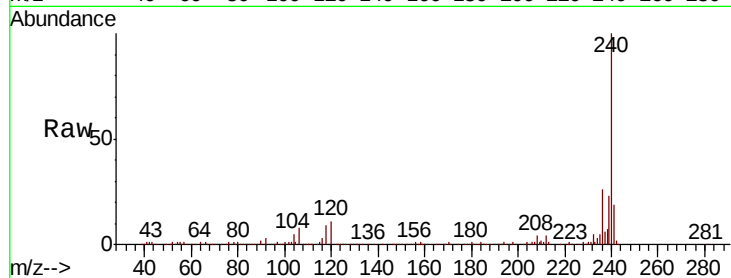




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114495.D
Acq: 22 May 2019 20:47

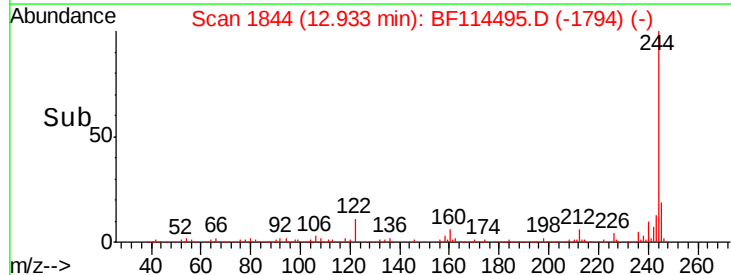
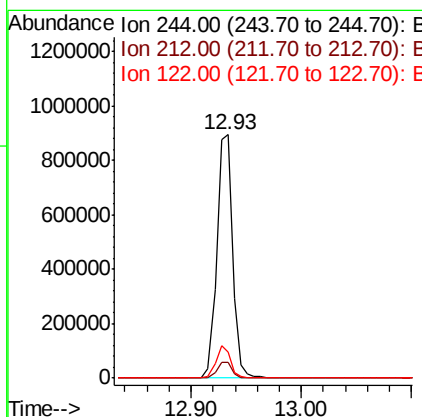
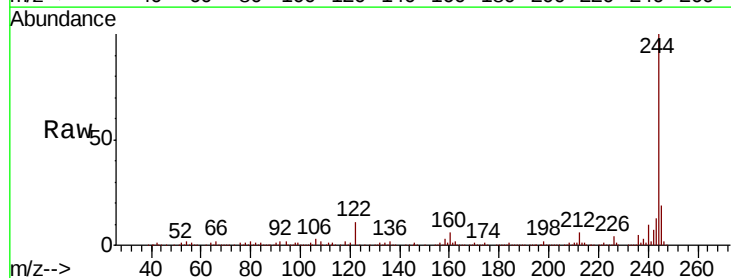
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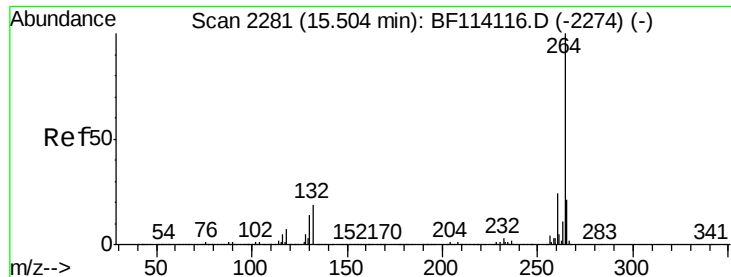
Tot Ion:240 Resp: 350849
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 52.217 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF114495.D
Acq: 22 May 2019 20:47

Tgt Ion:244 Resp: 888709
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 10.5 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: BF114495.D
 Acq: 22 May 2019 20:47

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.2	16.9	25.3

