

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114445.D
 Acq On : 21 May 2019 2:43
 Operator : JU/SJ
 Sample : K2943-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-2

Quant Time: May 21 11:45:03 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

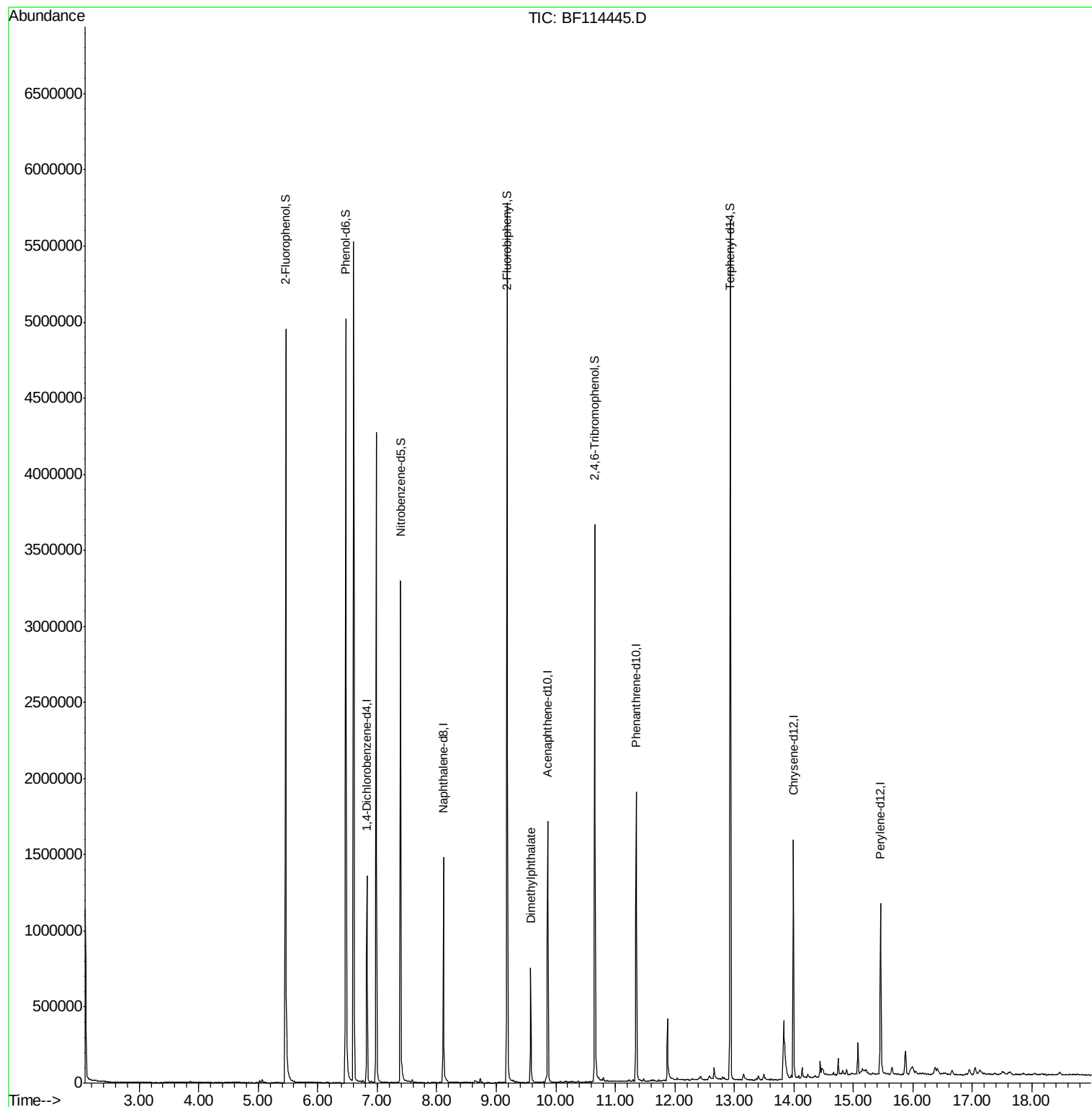
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	188497	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	717633	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	336087	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	691085	20.00	ng	0.00
76) Chrysene-d12	13.99	240	529383	20.00	ng	-0.01
87) Perylene-d12	15.46	264	511403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1401608	119.66	ng	0.00
7) Phenol-d6	6.47	99	1835155	132.47	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1128157	88.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	449424	129.35	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1906227	85.80	ng	0.00
79) Terphenyl-d14	12.93	244	2026987	78.93	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	347615	14.089	ng	Qvalue 99

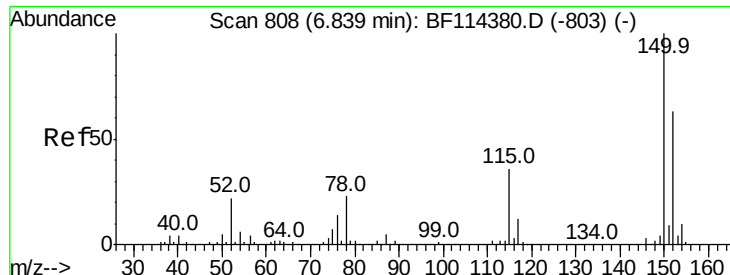
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



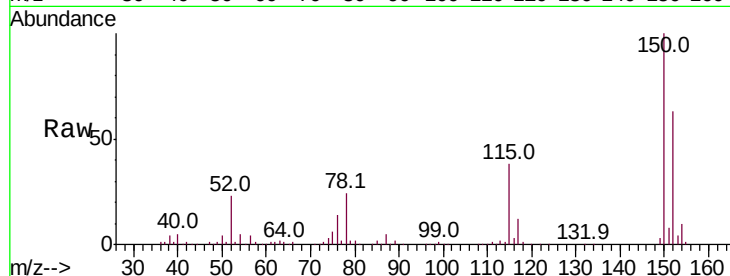


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114445.D
 Acq: 21 May 2019 2:43

Instrument :
 BNA_F
 ClientSampleId :
 BUS-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.3	186.5
115	59.3	49.1	73.7

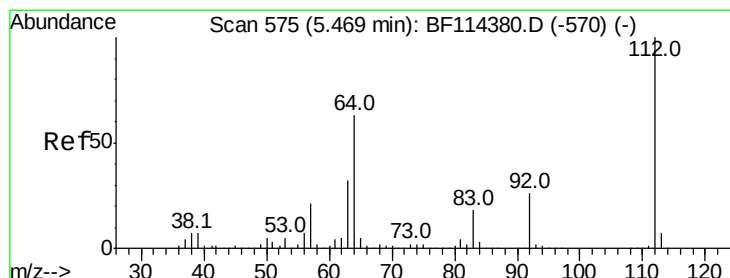
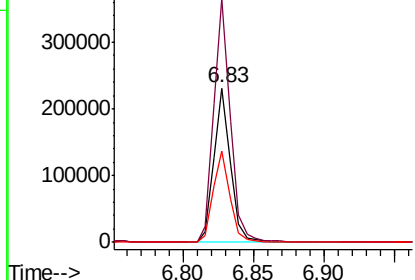
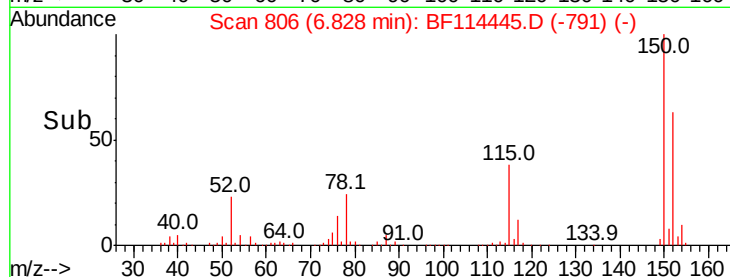


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

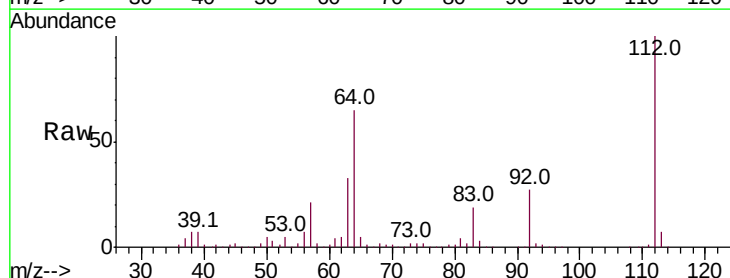
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 119.660 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF114445.D
 Acq: 21 May 2019 2:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	49.0	73.6
63	33.0	24.6	37.0

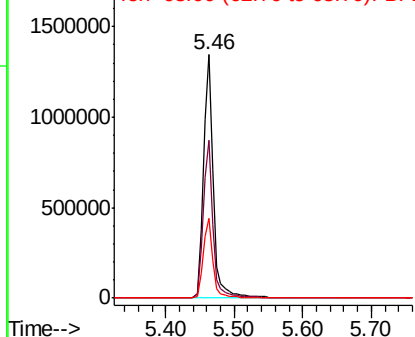
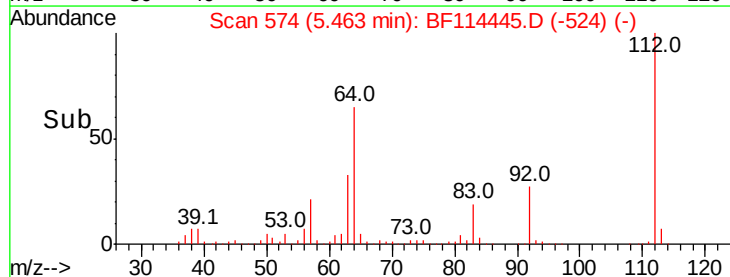


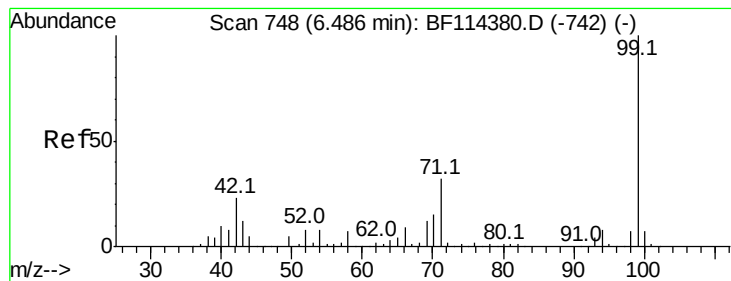
Abundance

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: 132.467 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

Instrument :

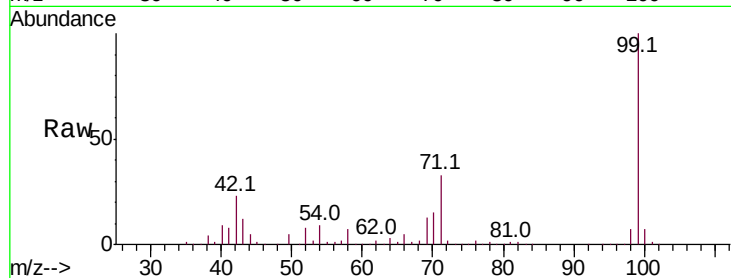
BNA_F

ClientSampleId :

BUS-2

Tot Ion: 99 Resp: 1835155

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.9	26.9
71	33.4	26.2	39.2

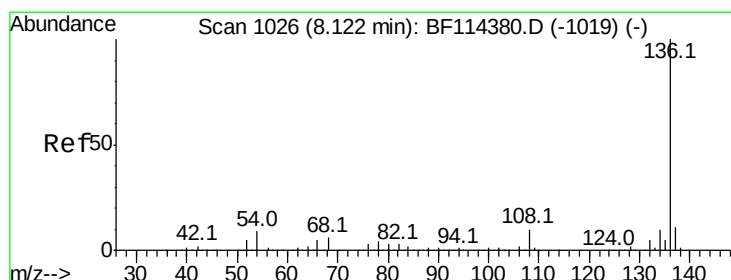
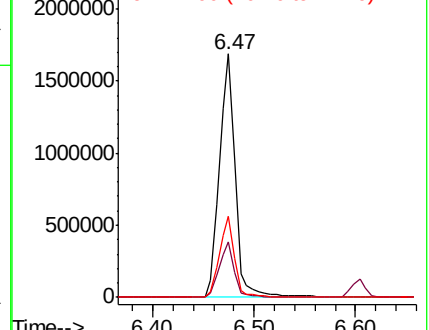
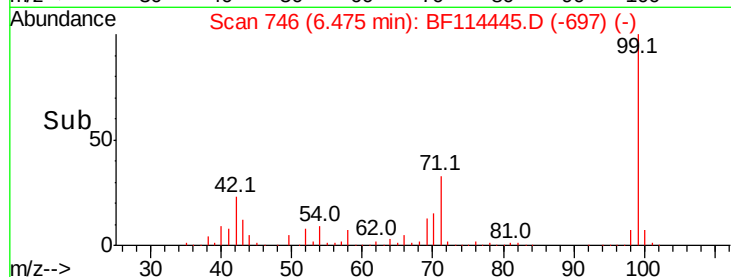


Abundance

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

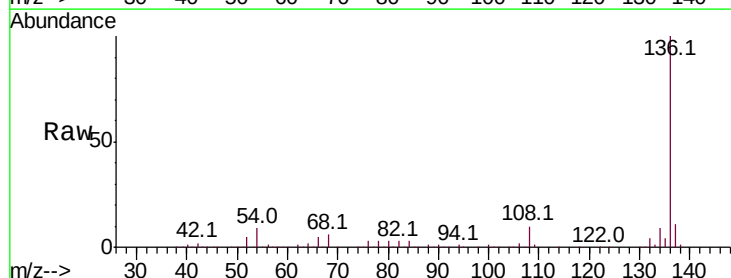
Delta R.T. -0.01 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

Tgt Ion: 136 Resp: 717633

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.3	7.8	11.8
68	5.9	5.1	7.7



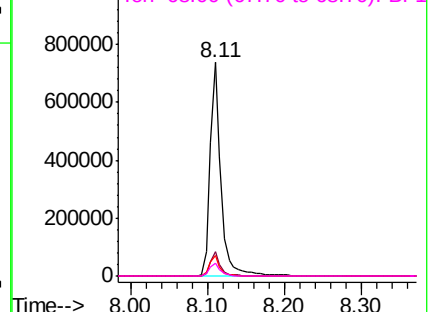
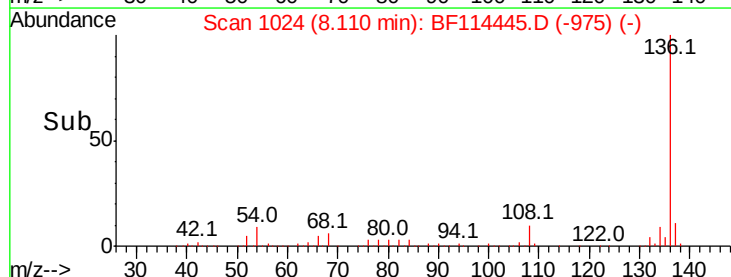
Abundance

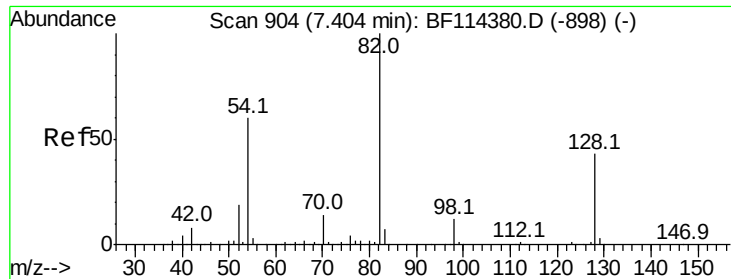
Ion 136.00 (135.70 to 136.70): E

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

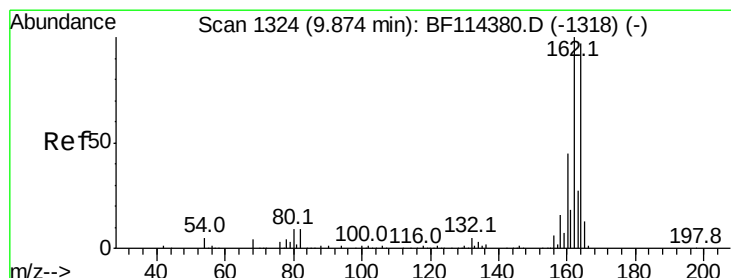
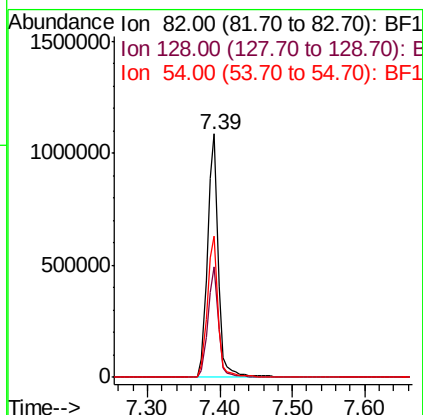
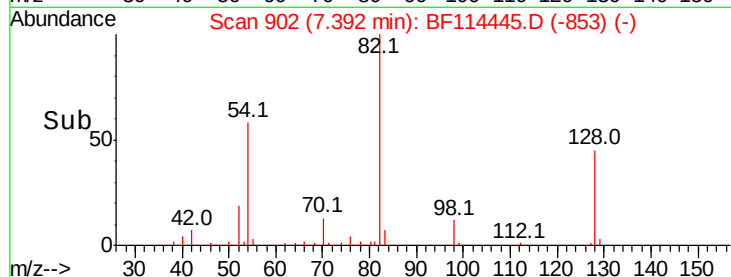
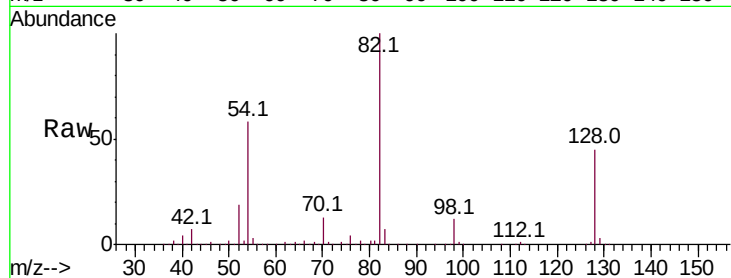




#23
 Nitrobenzene-d5
 Concen: 88.224 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114445.D
 Acq: 21 May 2019 2:43

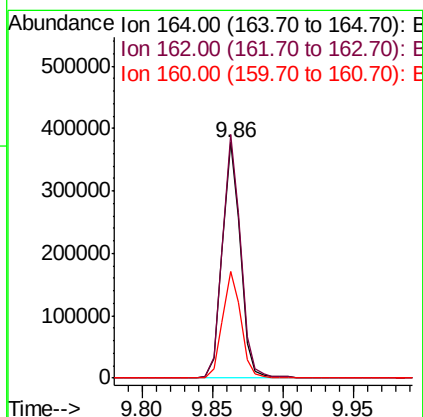
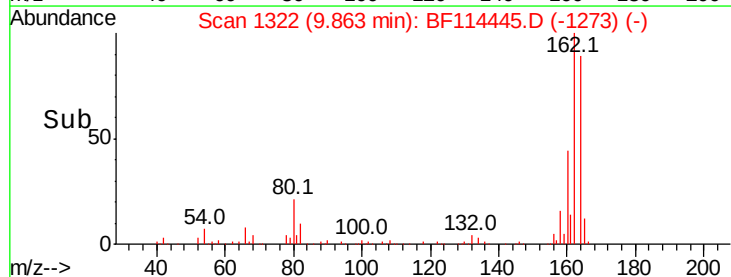
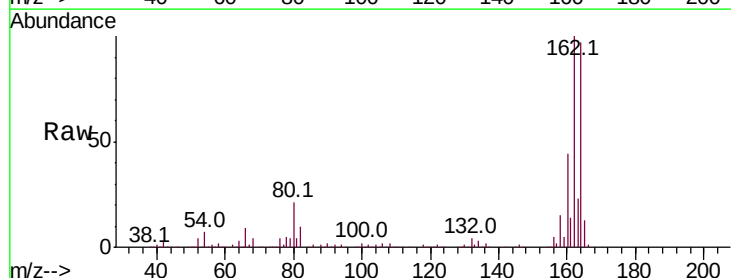
Instrument :
 BNA_F
 ClientSampleId :
 BUS-2

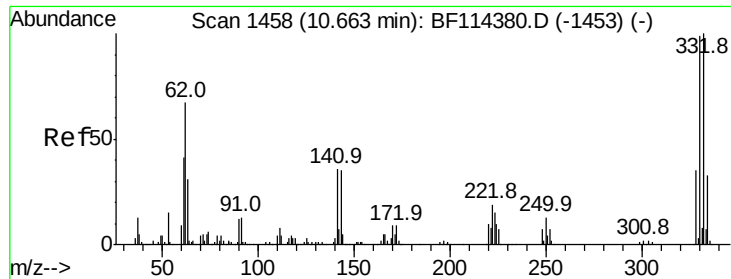
Tot Ion: 82 Resp: 1128157
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.5 53.3
 54 58.0 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114445.D
 Acq: 21 May 2019 2:43

Tgt Ion: 164 Resp: 336087
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.6 120.8
 160 45.4 36.5 54.7

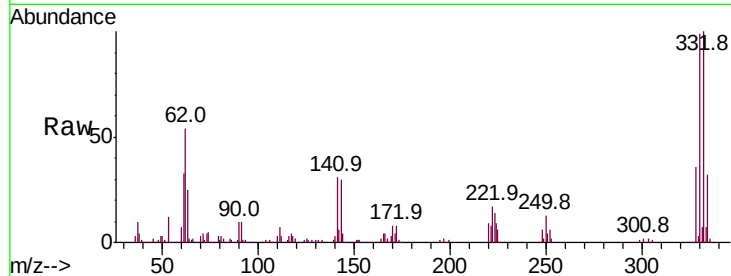




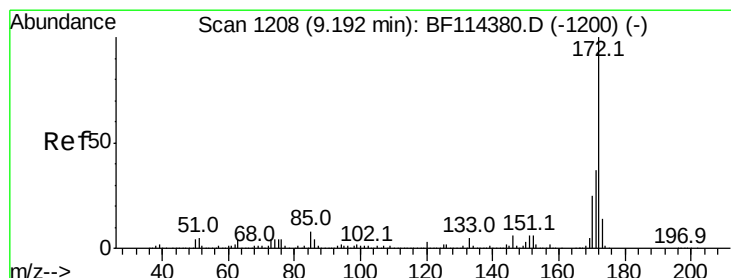
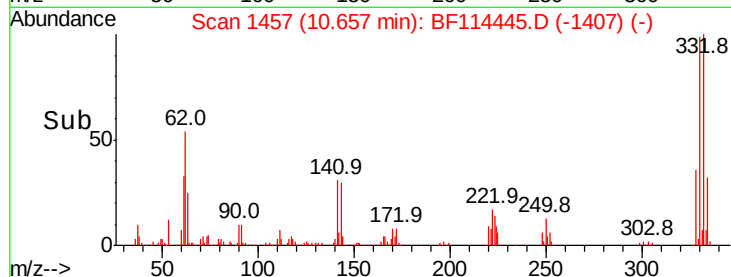
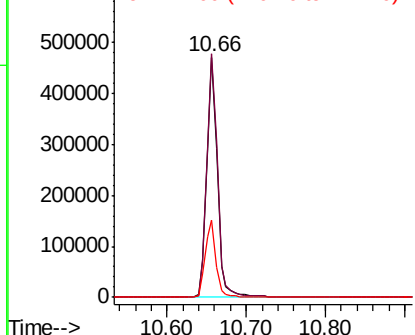
#42
 2,4,6-Tribromophenol
 Concen: 129.346 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114445.D
 Acq: 21 May 2019 2:43

Instrument :
 BNA_F
 ClientSampleId :
 BUS-2

Tot Ion:330 Resp: 449424
 Ion Ratio Lower Upper
 330 100
 332 102.4 81.4 122.2
 141 32.2 26.6 40.0

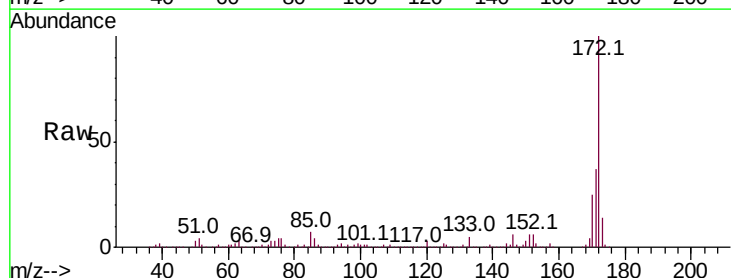


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

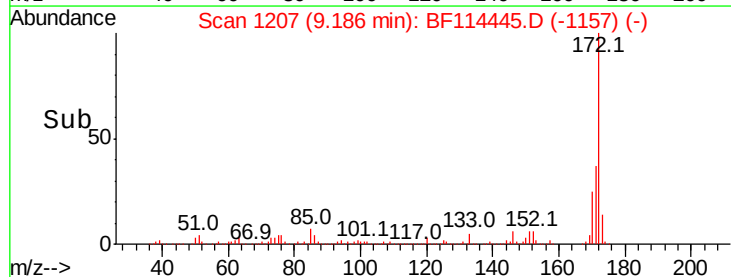
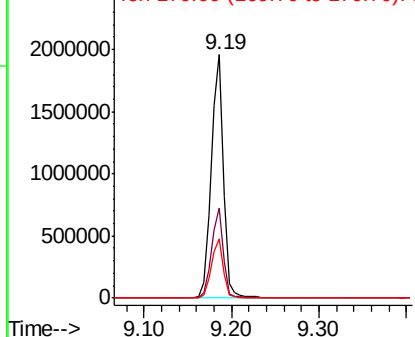


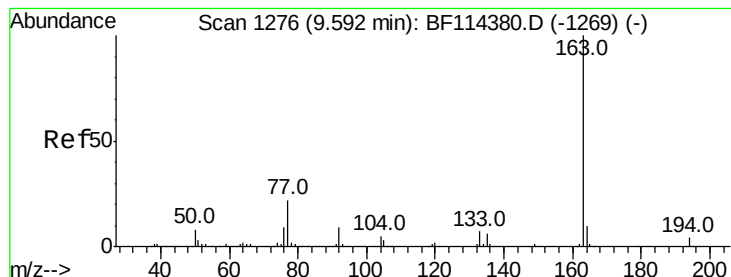
#45
 2-Fluorobiphenyl
 Concen: 85.796 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114445.D
 Acq: 21 May 2019 2:43

Tgt Ion:172 Resp: 1906227
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.7 46.1
 170 24.5 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: 14.089 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

Instrument :

BNA_F

ClientSampleId :

BUS-2

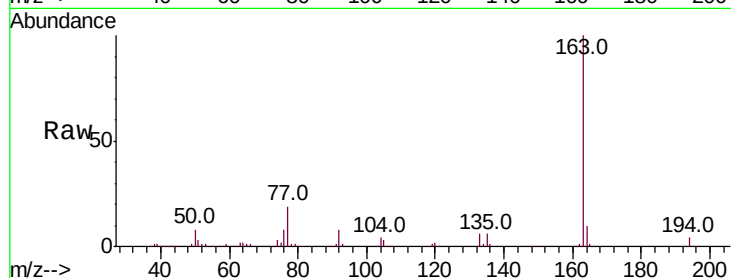
Tot Ion:163 Resp: 347615

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

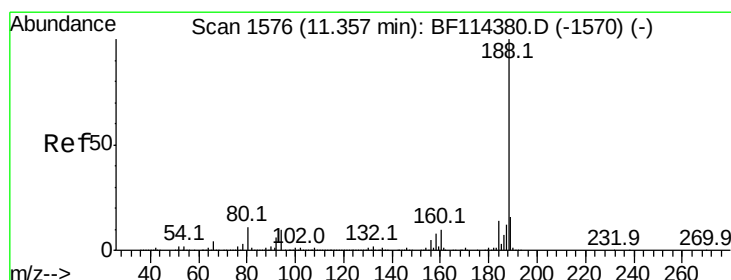
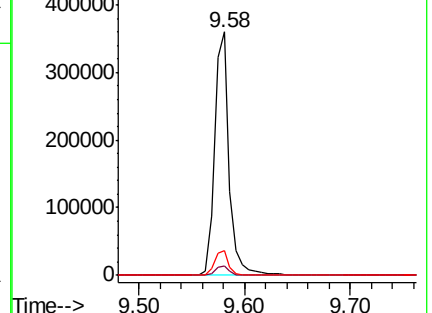
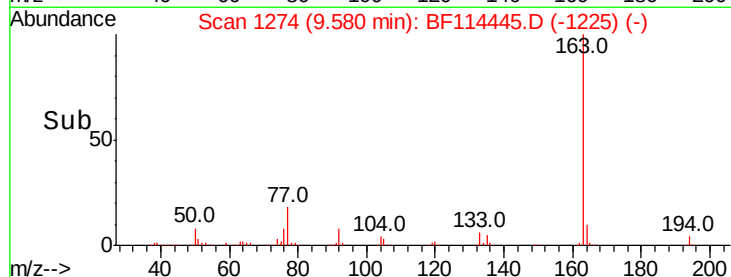
164 9.9 8.2 12.2



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: BF114445.D

Acq: 21 May 2019 2:43

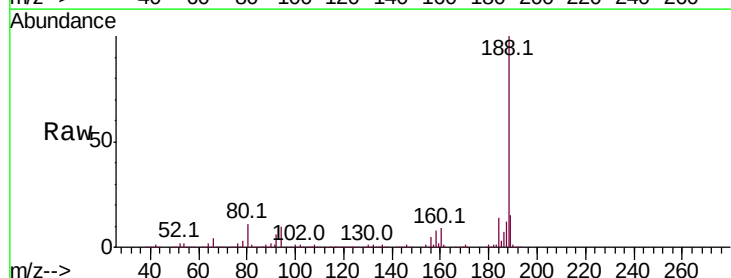
Tgt Ion:188 Resp: 691085

Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

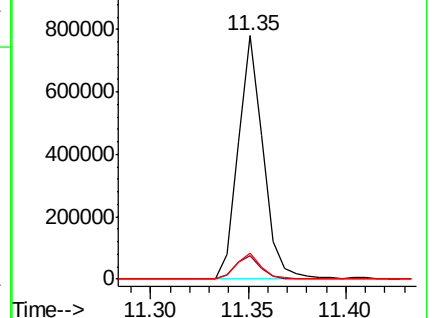
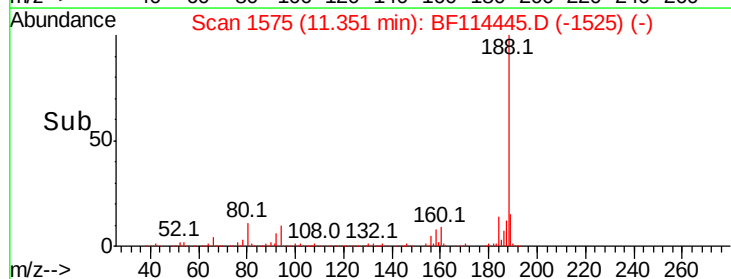
80 10.5 9.2 13.8

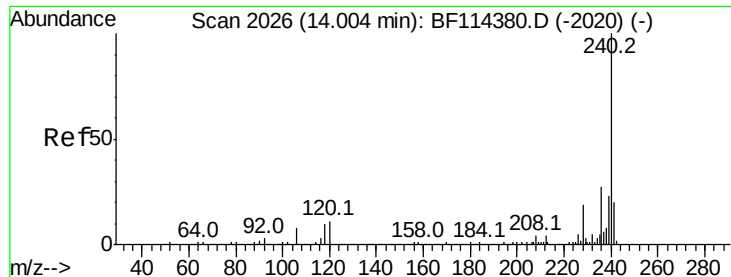


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

Instrument :

BNA_F

ClientSampleId :

BUS-2

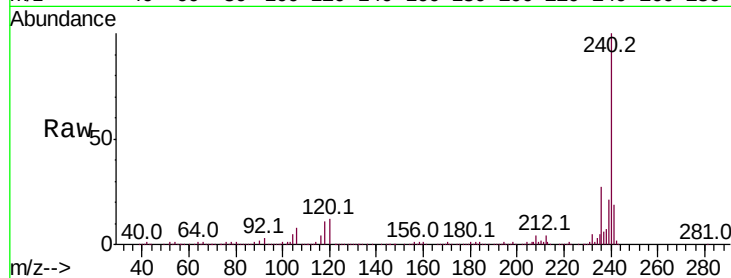
Tot Ion:240 Resp: 529383

Ion Ratio Lower Upper

240 100

120 12.2 8.3 12.5

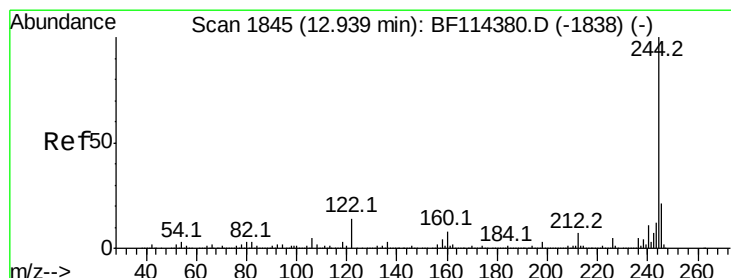
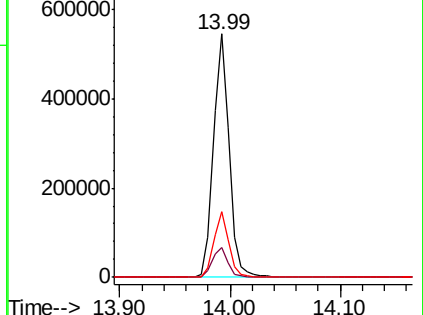
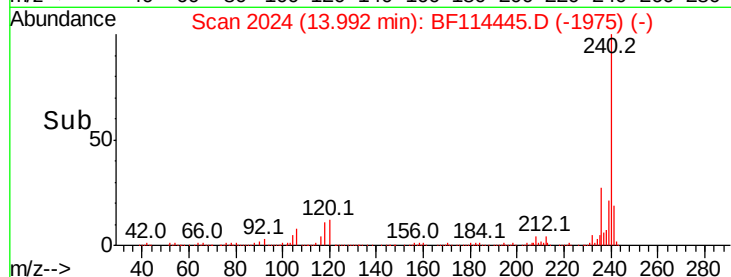
236 27.2 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 78.931 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114445.D

Acq: 21 May 2019 2:43

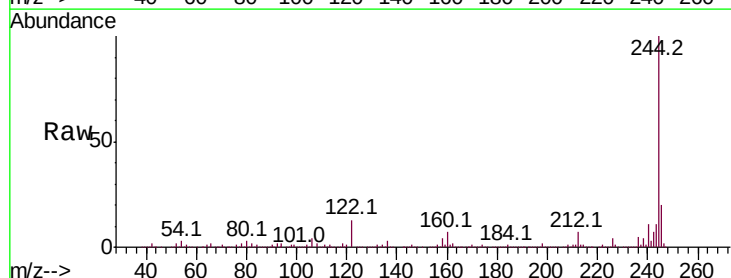
Tgt Ion:244 Resp: 2026987

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

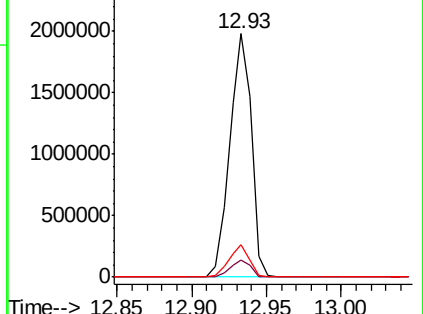
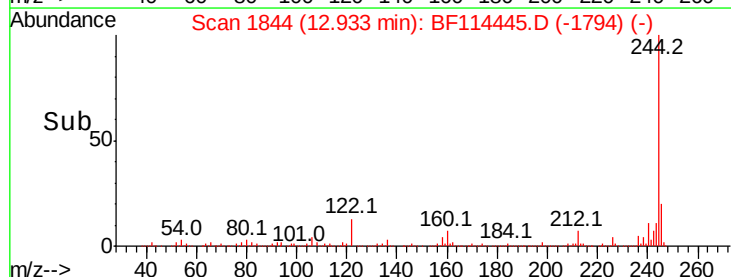
122 13.4 9.4 14.2

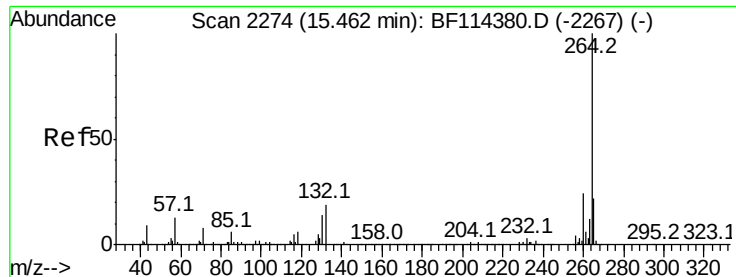


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

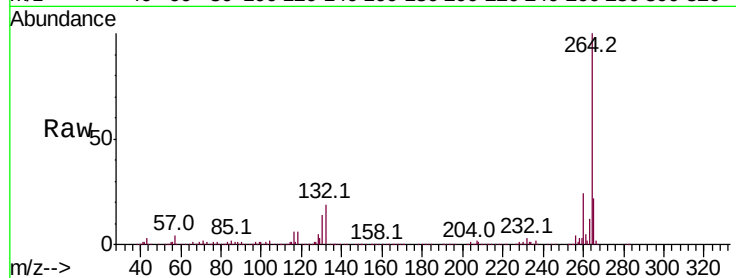




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF114445.D
Acq: 21 May 2019 2:43

Instrument :
BNA_F
ClientSampleId :
BUS-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.2	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

