

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114584.D
 Acq On : 24 May 2019 21:51
 Operator : JU/SJ
 Sample : K3008-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-19

Quant Time: May 24 23:28:44 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	182943	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	692447	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	333423	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	689913	20.00	ng	0.00
76) Chrysene-d12	13.98	240	553394	20.00	ng	0.00
87) Perylene-d12	15.44	264	556959	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1193303	104.97	ng	0.02
7) Phenol-d6	6.47	99	1395095	103.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	1063514	86.19	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	452902	131.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1890045	85.75	ng	0.00
79) Terphenyl-d14	12.92	244	2141220	79.76	ng	0.00

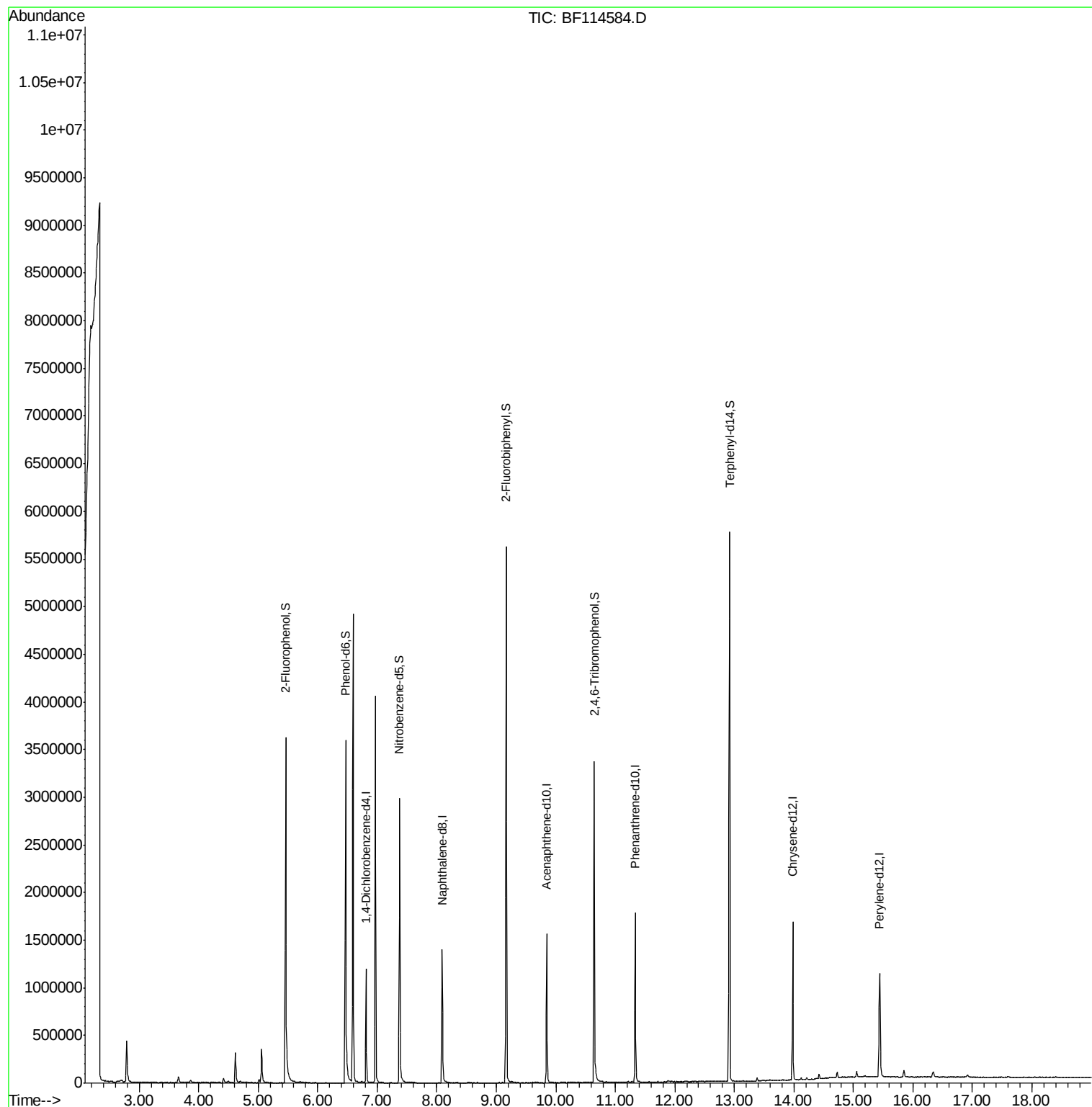
Target Compounds Qvalue

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

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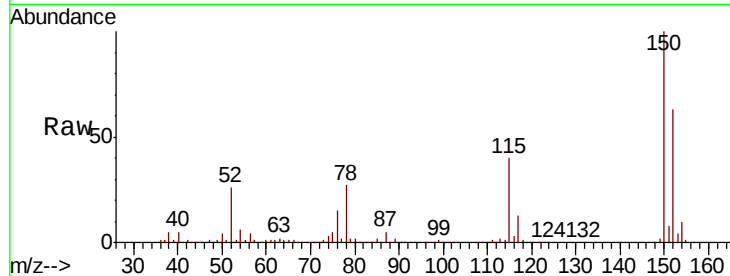


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF114584.D
 Acq: 24 May 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 COMP-19

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.3	186.5
115	62.9	49.1	73.7

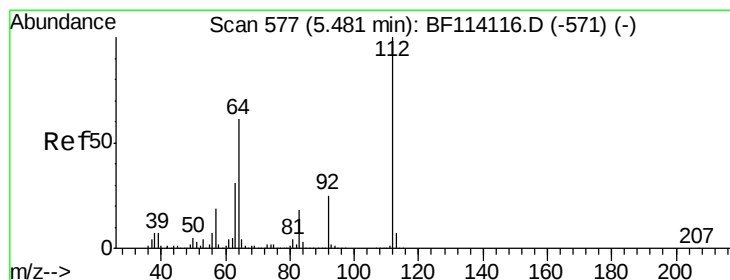
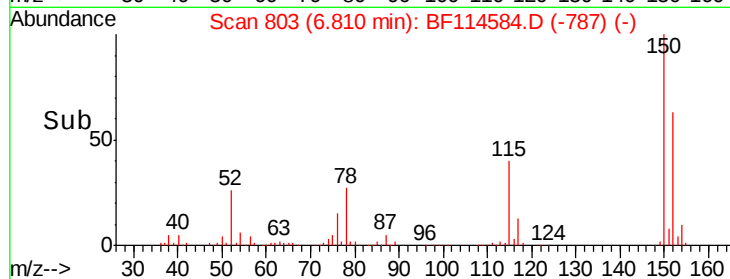
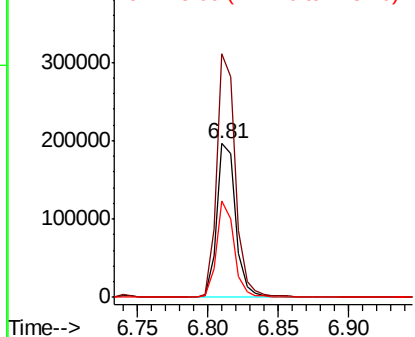


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

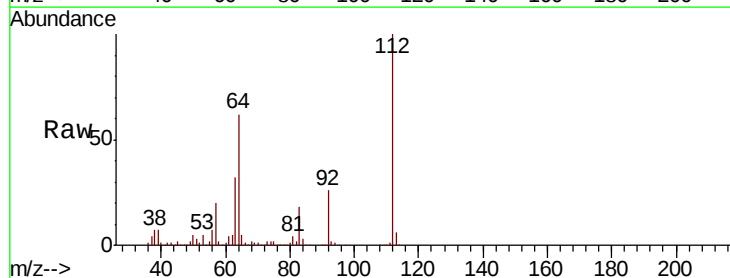
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 104.969 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.02 min
 Lab File: BF114584.D
 Acq: 24 May 2019 21:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	49.0	73.6
63	32.0	24.6	37.0

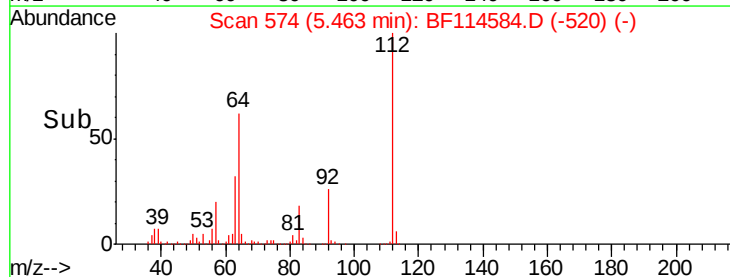
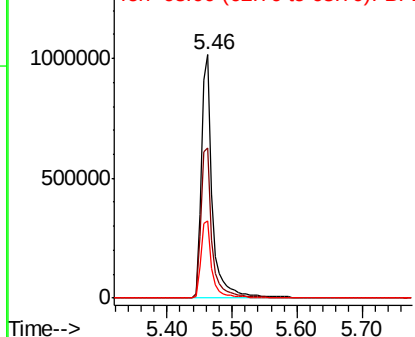


Abundance

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: 103.760 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF114584.D

Acq: 24 May 2019 21:51

Instrument :

BNA_F

ClientSampleId :

COMP-19

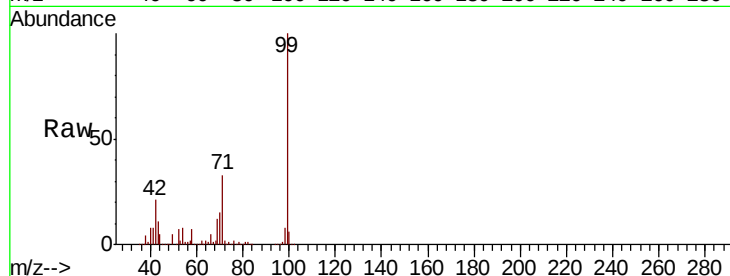
Tot Ion: 99 Resp: 1395095

Ion Ratio Lower Upper

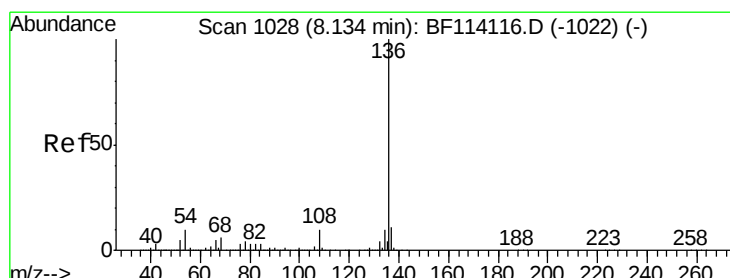
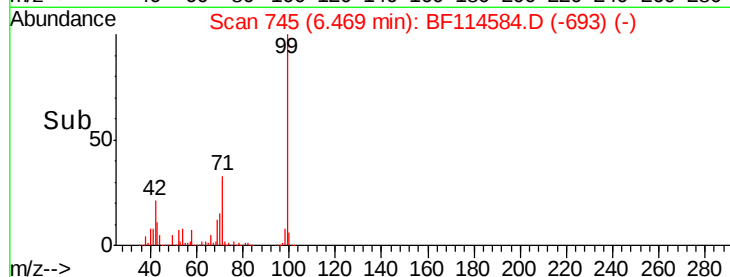
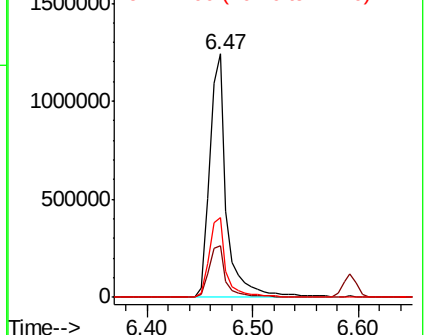
99 100

42 21.1 17.9 26.9

71 33.0 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: BF114584.D

Acq: 24 May 2019 21:51

Tgt Ion: 136 Resp: 692447

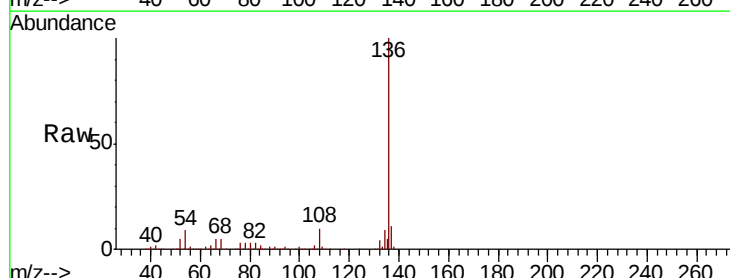
Ion Ratio Lower Upper

136 100

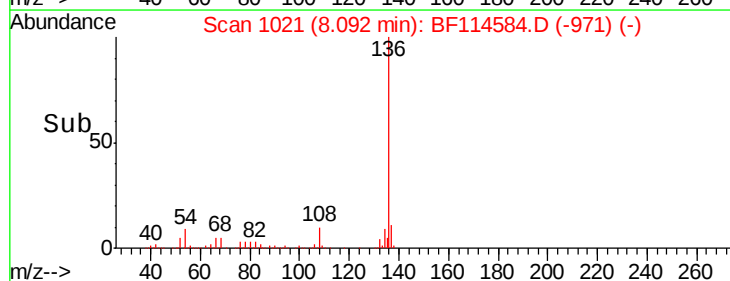
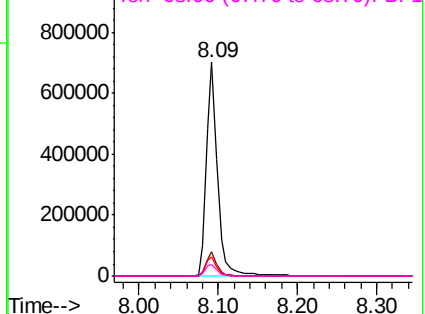
137 11.2 8.8 13.2

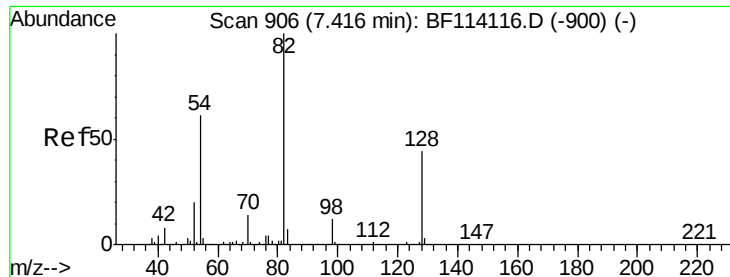
54 8.8 7.8 11.8

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

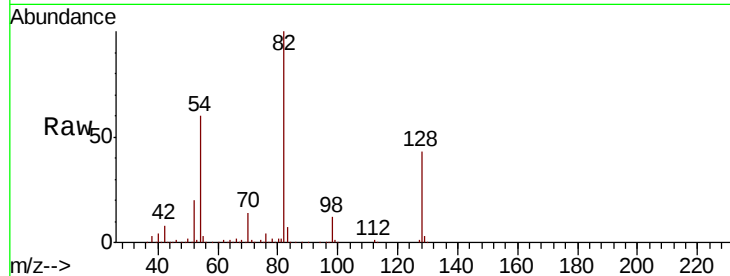




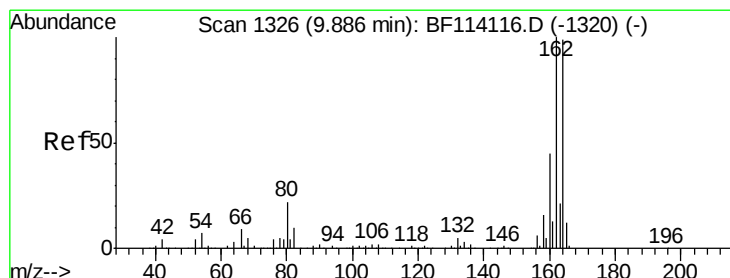
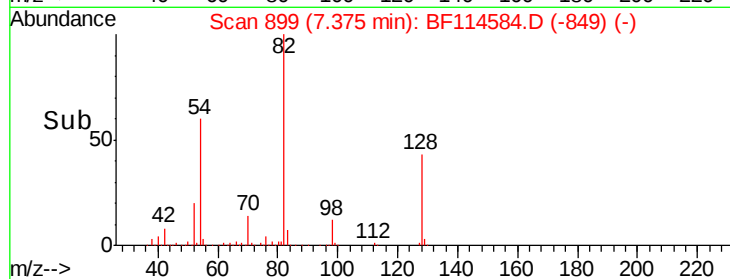
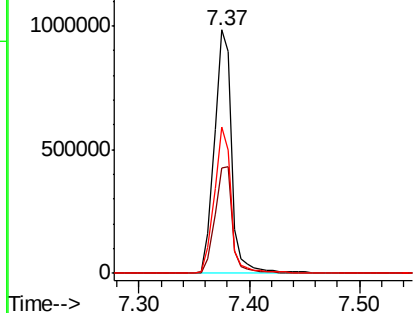
#23
Nitrobenzene-d5
Concen: 86.194 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114584.D
Acq: 24 May 2019 21:51

Instrument :
BNA_F
ClientSampled :
COMP-19

Tot Ion: 82 Resp: 1063514
Ion Ratio Lower Upper
82 100
128 43.3 35.5 53.3
54 60.3 48.5 72.7

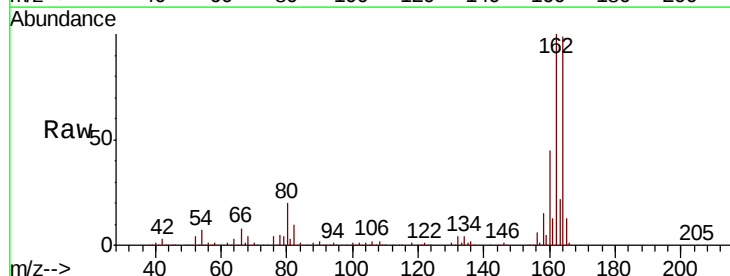


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

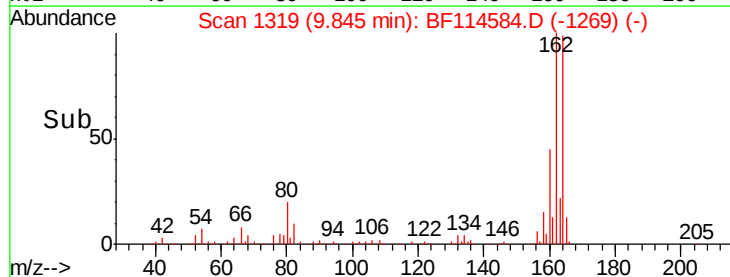
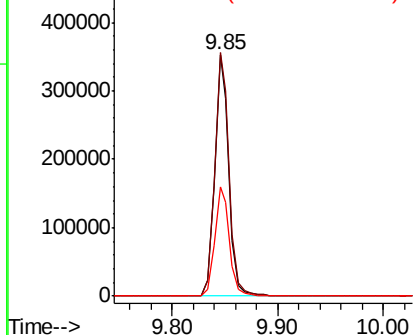


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114584.D
Acq: 24 May 2019 21:51

Tgt Ion:164 Resp: 333423
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 45.4 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

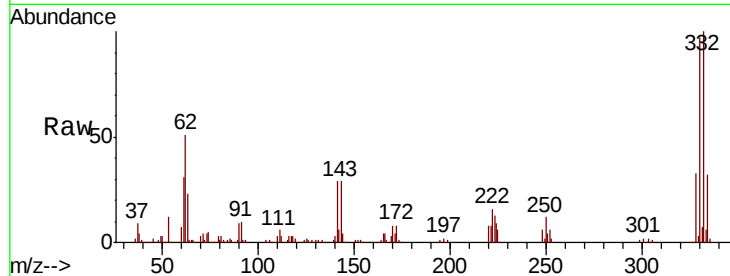




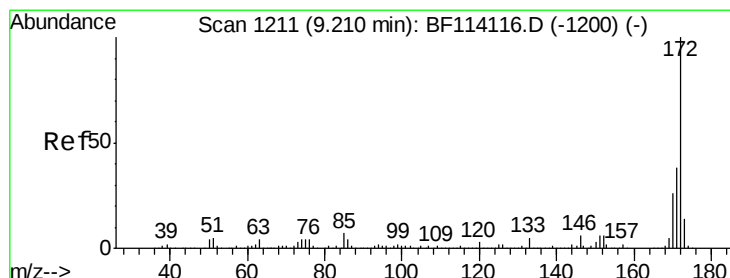
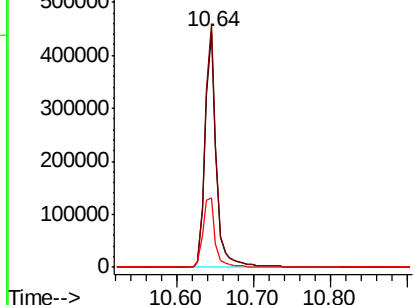
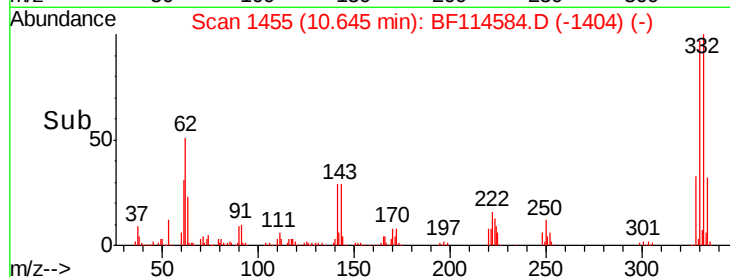
#42
 2,4,6-Tribromophenol
 Concen: 131.389 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114584.D
 Acq: 24 May 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 COMP-19

Tot Ion:330 Resp: 452902
 Ion Ratio Lower Upper
 330 100
 332 103.6 81.4 122.2
 141 33.3 26.6 40.0

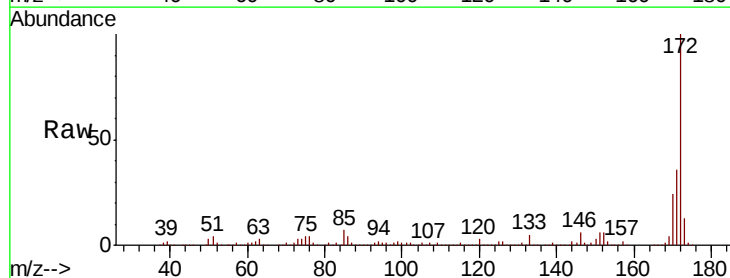


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

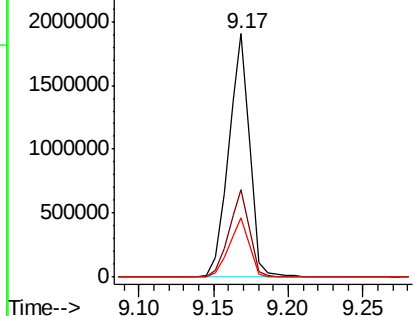
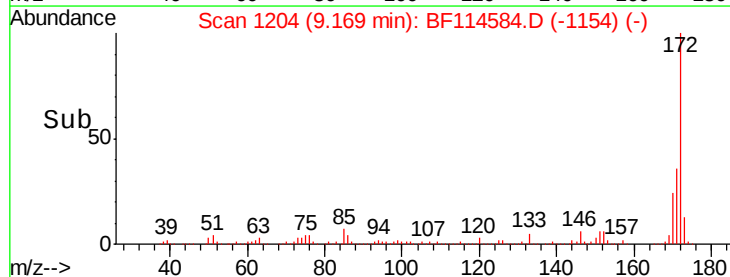


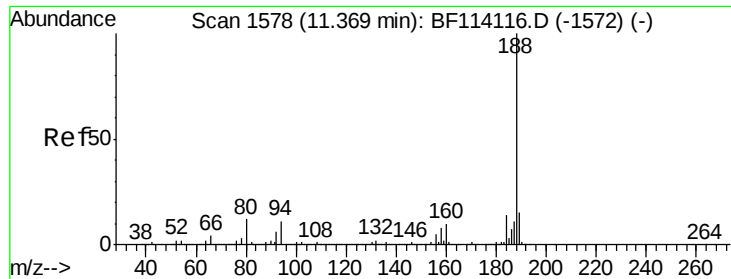
#45
 2-Fluorobiphenyl
 Concen: 85.747 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114584.D
 Acq: 24 May 2019 21:51

Tgt Ion:172 Resp: 1890045
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.7 46.1
 170 24.3 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114584.D

Acq: 24 May 2019 21:51

Instrument :

BNA_F

ClientSampleId :

COMP-19

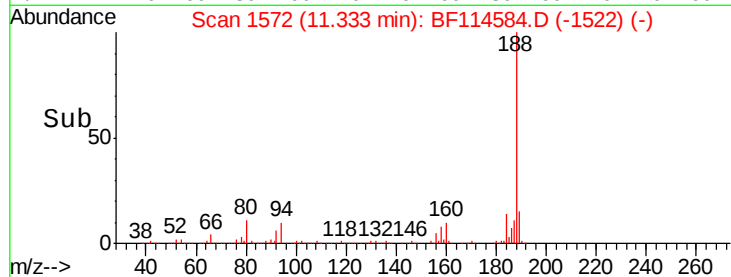
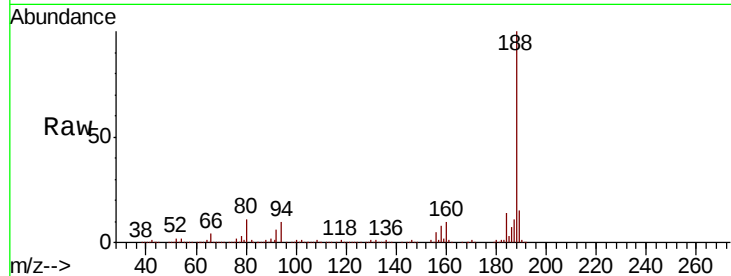
Tot Ion:188 Resp: 689913

Ion Ratio Lower Upper

188 100

94 10.1 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

1000000

800000

600000

400000

200000

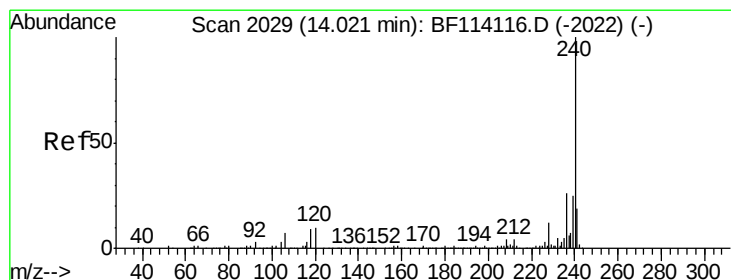
0

11.33

11.35

11.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114584.D

Acq: 24 May 2019 21:51

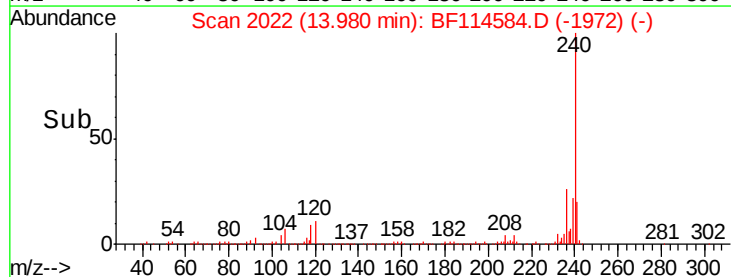
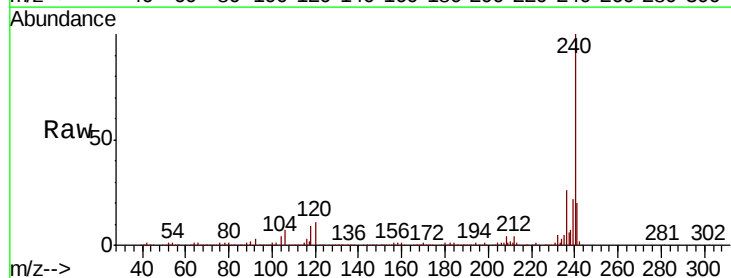
Tgt Ion:240 Resp: 553394

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

236 25.6 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

800000

600000

400000

200000

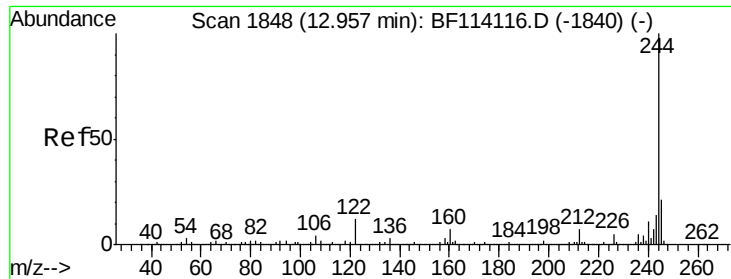
0

13.98

14.00

14.10

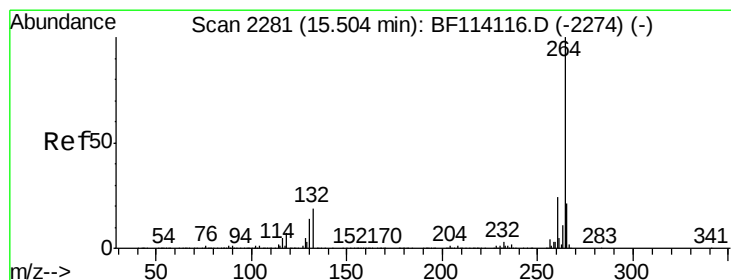
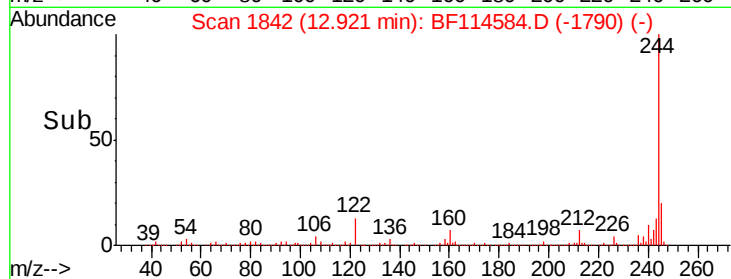
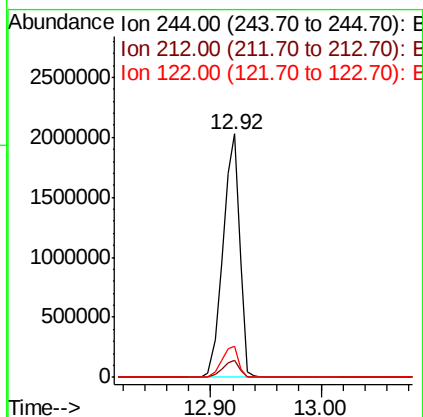
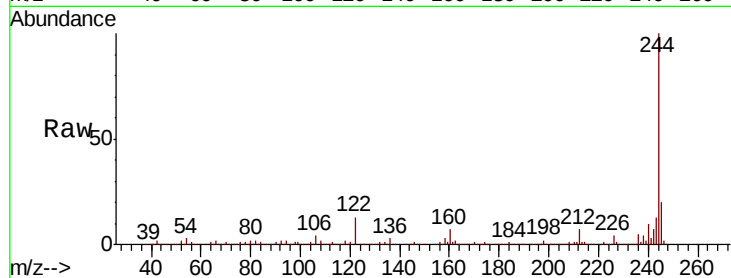
Time-->



#79
 Terphenyl-d14
 Concen: 79.762 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114584.D
 Acq: 24 May 2019 21:51

Instrument :
 BNA_F
 ClientSampled :
 COMP-19

Tot Ion:244 Resp: 2141220
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 12.6 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF114584.D
 Acq: 24 May 2019 21:51

Tgt Ion:264 Resp: 556959
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 22.1 16.9 25.3

