

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114316.D
 Acq On : 16 May 2019 18:27
 Operator : JU/SJ
 Sample : K2854-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(29-31)

Quant Time: May 17 08:39:47 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 10 15:56:46 2019
 Response via : Initial Calibration

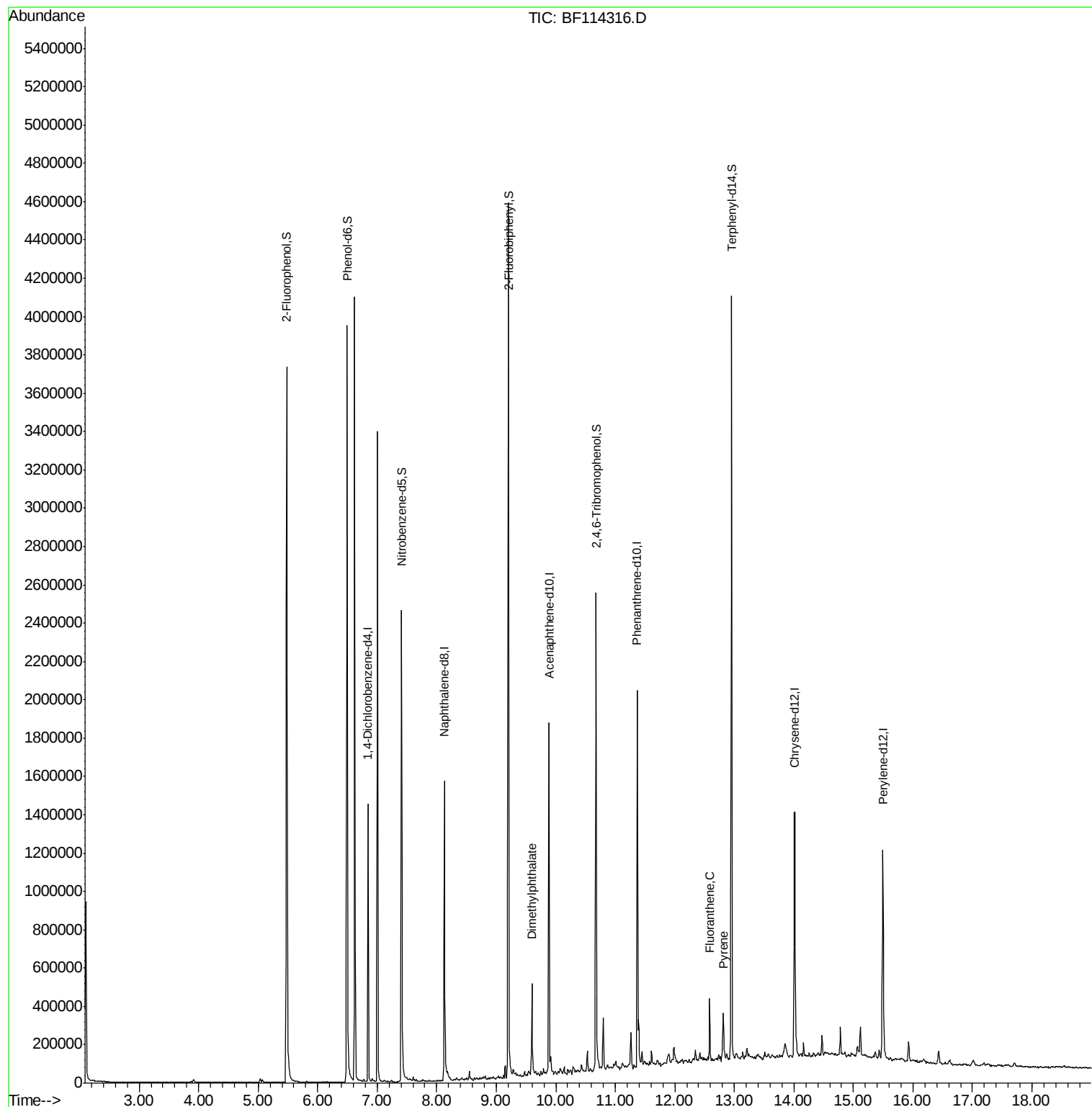
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	211083	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	820186	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	386296	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	767112	20.00	ng	0.00
76) Chrysene-d12	14.02	240	476650	20.00	ng	0.00
87) Perylene-d12	15.50	264	507793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1049140	79.98	ng	0.00
7) Phenol-d6	6.49	99	1380149	88.96	ng	0.00
23) Nitrobenzene-d5	7.41	82	816158	55.84	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	312648	78.29	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1442950	56.50	ng	0.00
79) Terphenyl-d14	12.95	244	1334230	57.70	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	201483	7.105	ng	99
75) Fluoranthene	12.59	202	129366	3.219	ng	99
78) Pyrene	12.82	202	108005	2.817	ng	97

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

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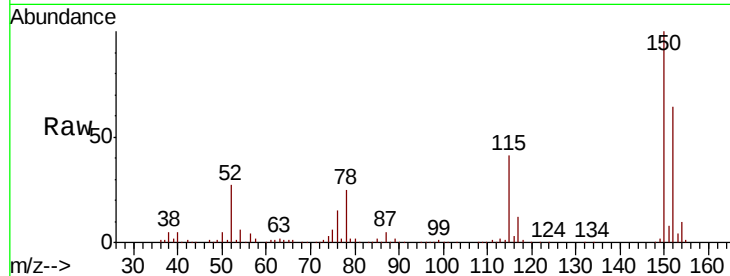


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114316.D
Acq: 16 May 2019 18:27

Instrument :
BNA_F
ClientSampleId :
SB-03(29-31)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.3	186.5
115	62.9	49.1	73.7

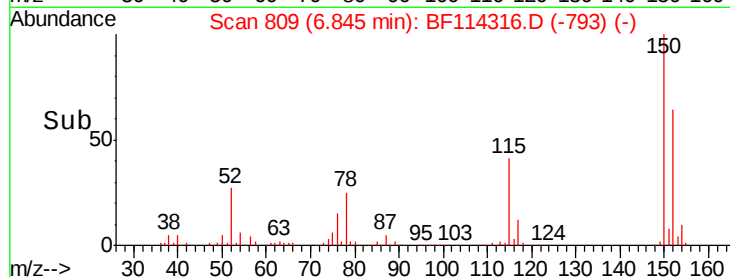
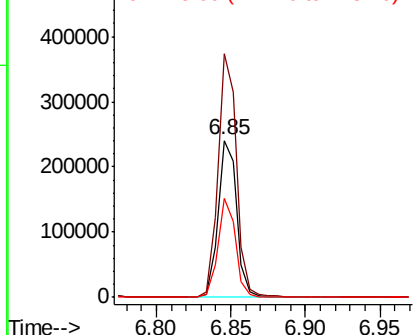


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

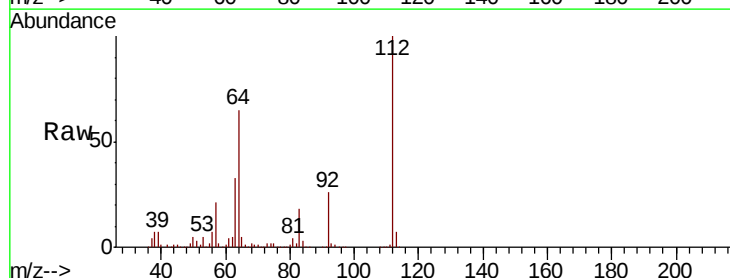
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.985 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114316.D
Acq: 16 May 2019 18:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	49.0	73.6
63	32.9	24.6	37.0

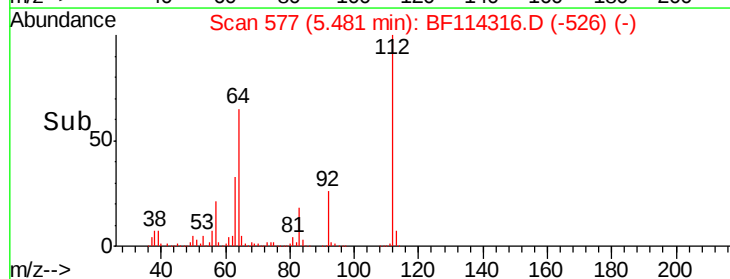
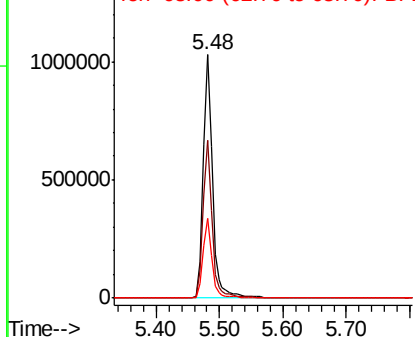


Abundance

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: 88.964 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114316.D

Acq: 16 May 2019 18:27

Instrument :

BNA_F

ClientSampleId :

SB-03(29-31)

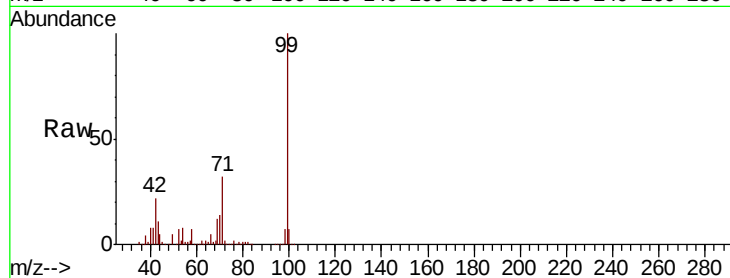
Tot Ion: 99 Resp: 1380149

Ion Ratio Lower Upper

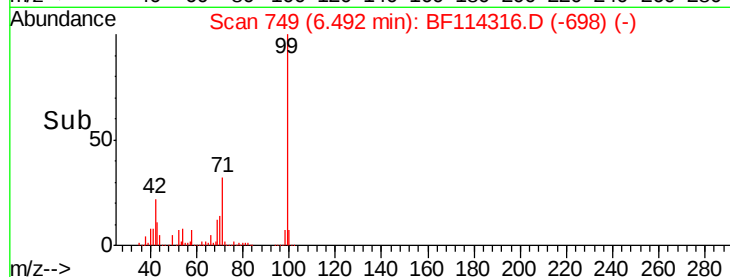
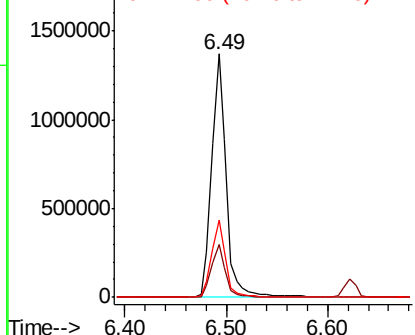
99 100

42 21.8 17.9 26.9

71 31.9 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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114316.D

Acq: 16 May 2019 18:27

Tgt Ion: 136 Resp: 820186

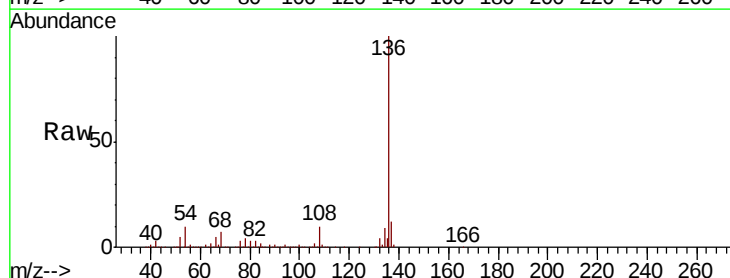
Ion Ratio Lower Upper

136 100

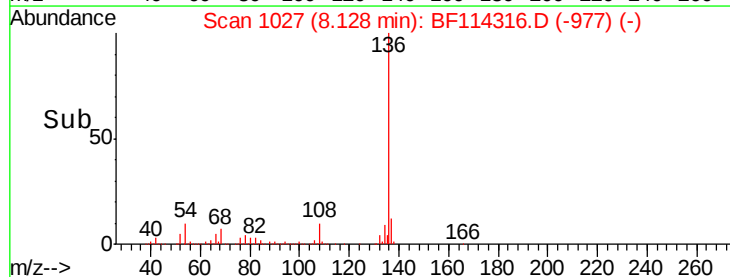
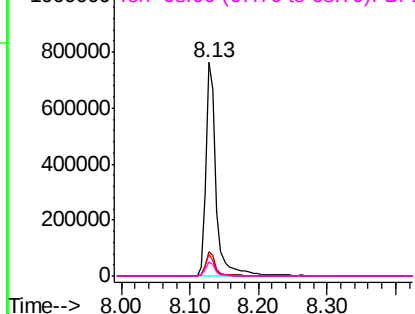
137 11.5 8.8 13.2

54 10.1 7.8 11.8

68 6.8 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

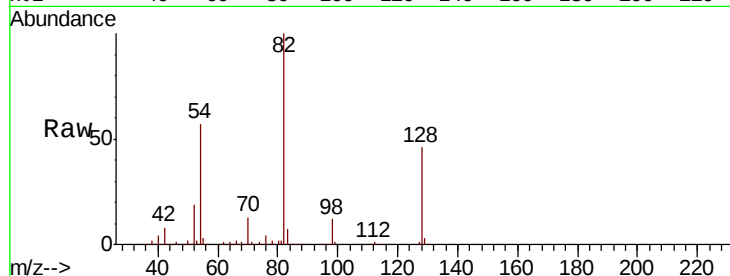




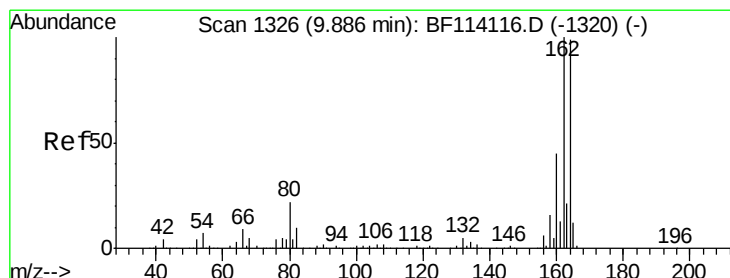
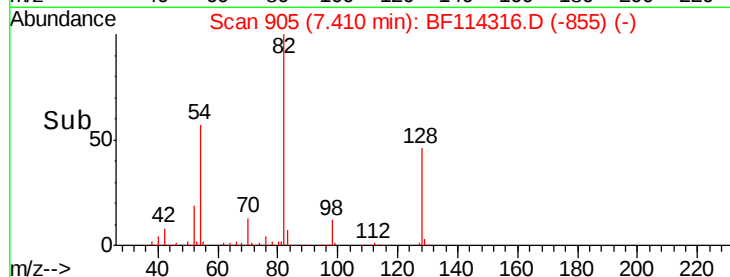
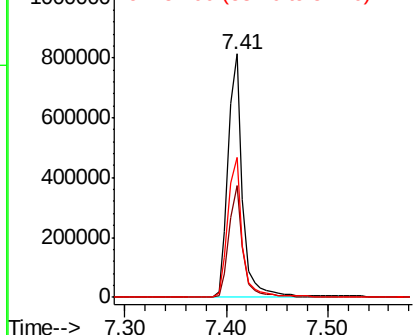
#23
Nitrobenzene-d5
Concen: 55.844 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114316.D
Acq: 16 May 2019 18:27

Instrument :
BNA_F
ClientSampleId :
SB-03(29-31)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.5	53.3
54	57.3	48.5	72.7

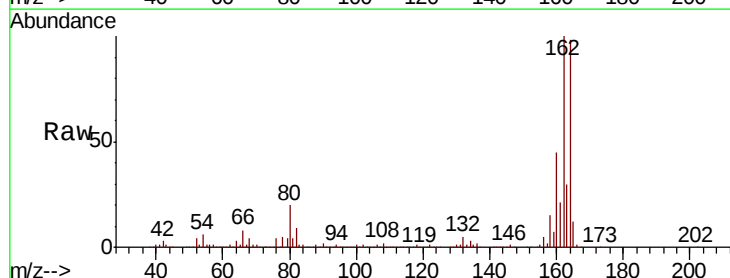


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

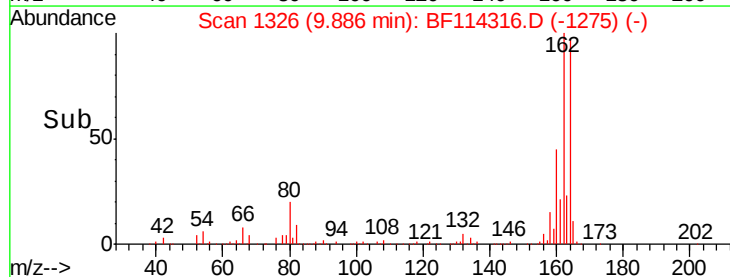
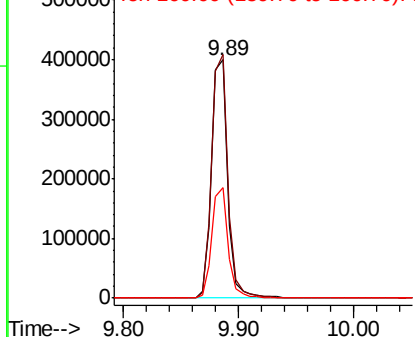


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114316.D
Acq: 16 May 2019 18:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	46.3	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

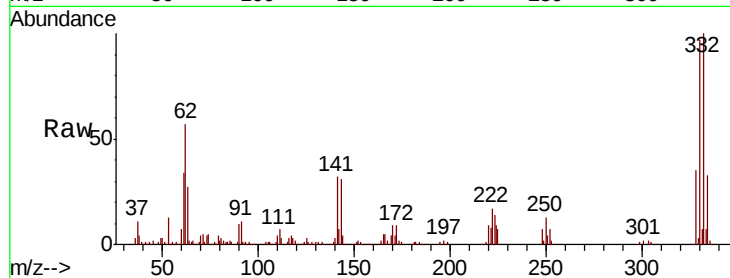




#42
 2,4,6-Tribromophenol
 Concen: 78.286 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114316.D
 Acq: 16 May 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(29-31)

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.2	81.4	122.2
141	33.2	26.6	40.0

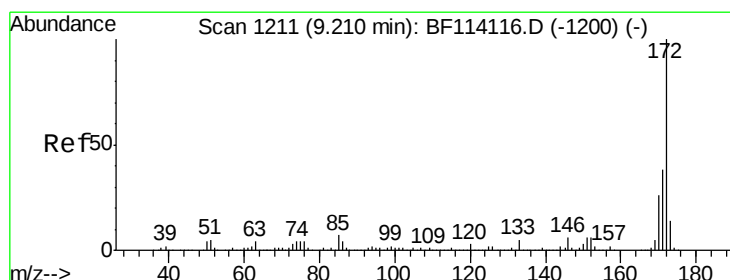
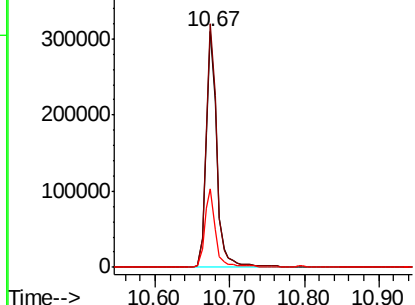
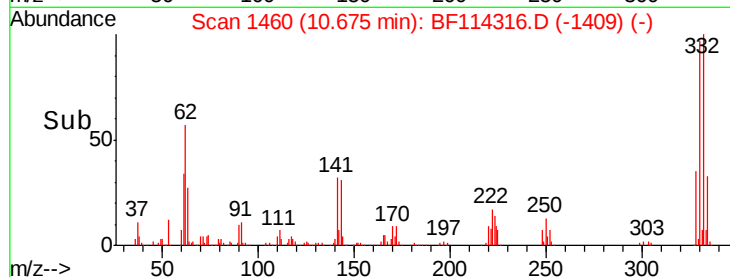


Abundance

Ion 329.80 (329.50 to 330.50): E

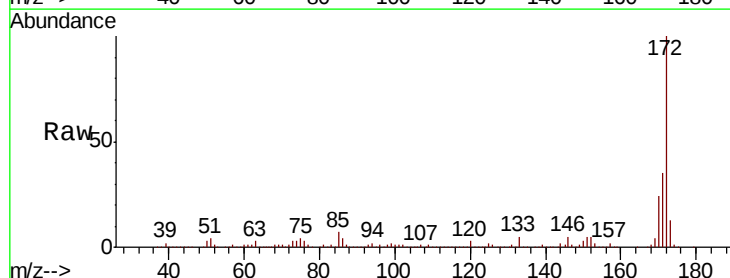
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 56.503 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114316.D
 Acq: 16 May 2019 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.7	46.1
170	24.1	20.5	30.7

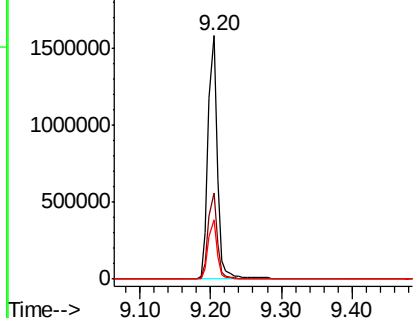
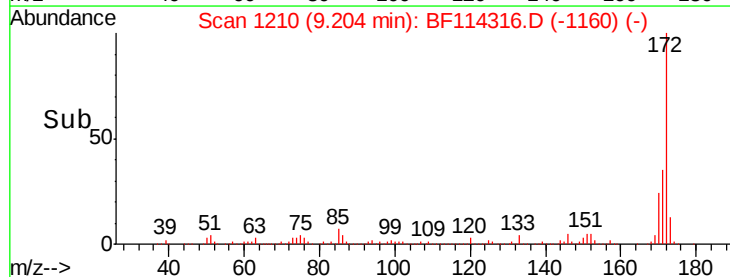


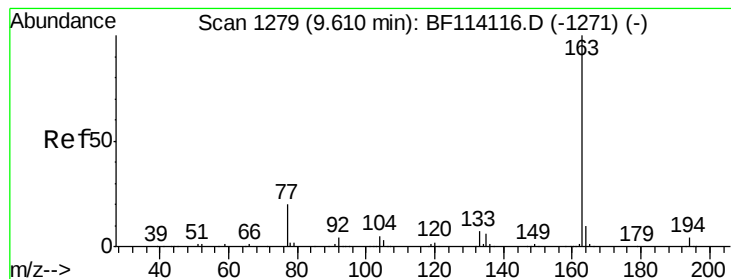
Abundance

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: 7.105 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114316.D

Acq: 16 May 2019 18:27

Instrument :

BNA_F

ClientSampleId :

SB-03(29-31)

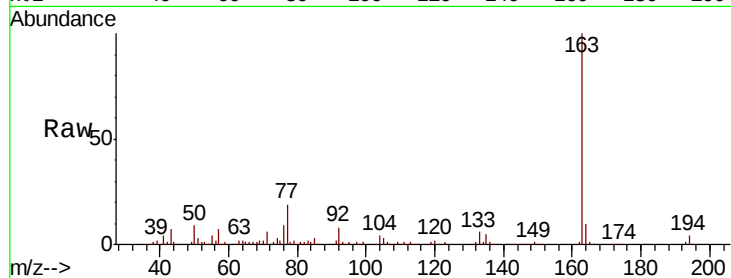
Tot Ion:163 Resp: 201483

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

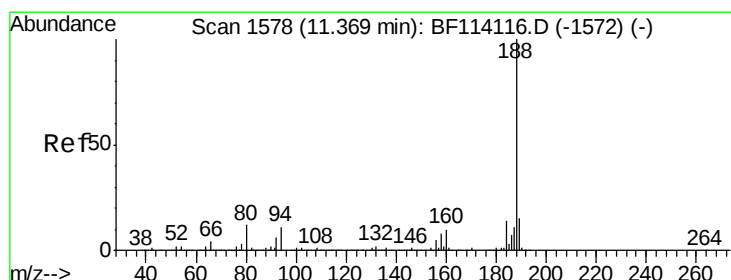
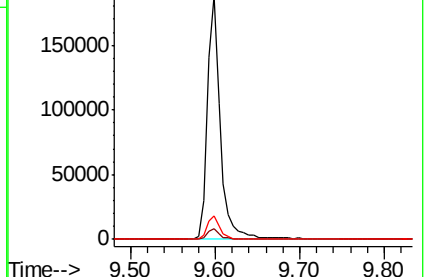
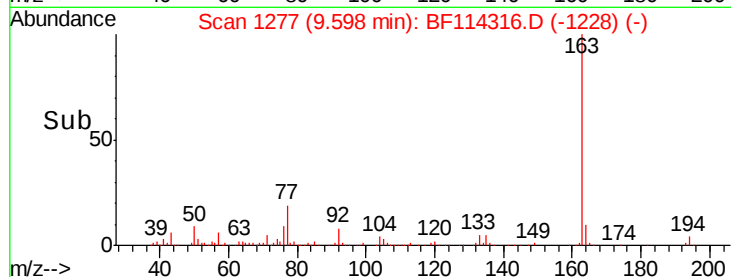
164 9.8 8.2 12.2



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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114316.D

Acq: 16 May 2019 18:27

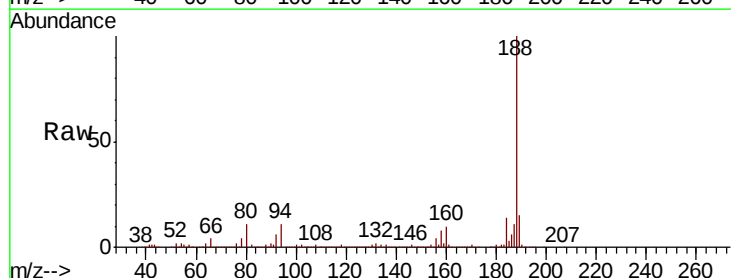
Tgt Ion:188 Resp: 767112

Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

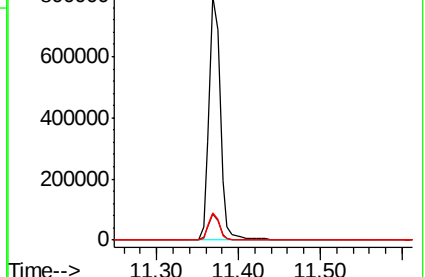
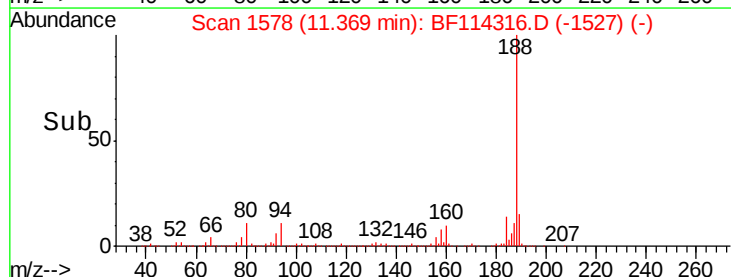
80 11.2 9.2 13.8

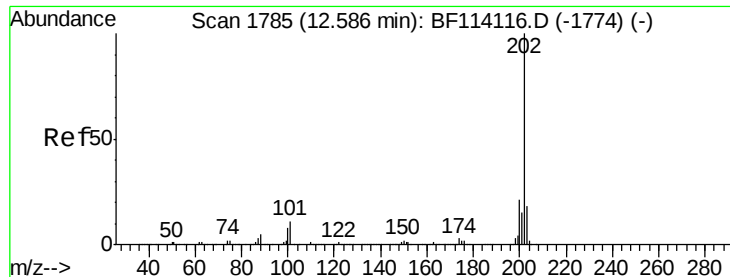


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 3.219 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114316.D

Acq: 16 May 2019 18:27

Instrument :

BNA_F

ClientSampleId :

SB-03(29-31)

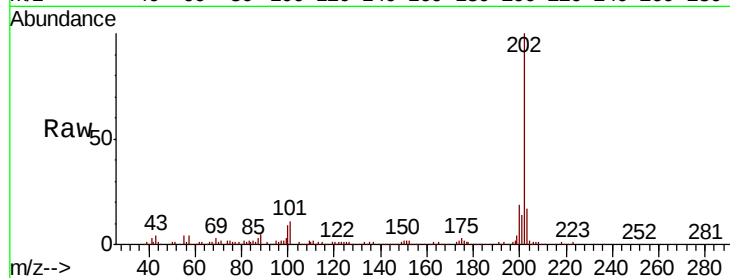
Tot Ion:202 Resp: 129366

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.0

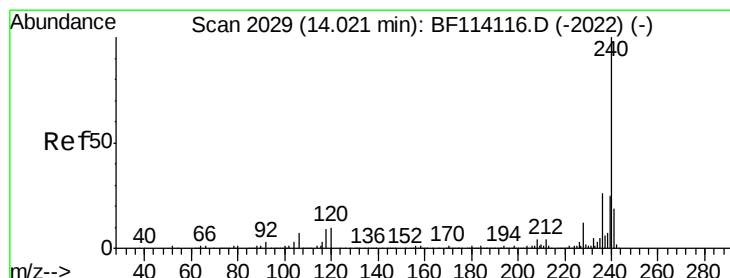
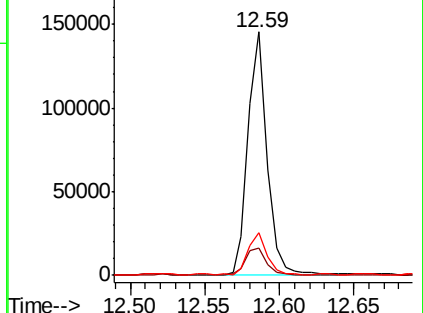
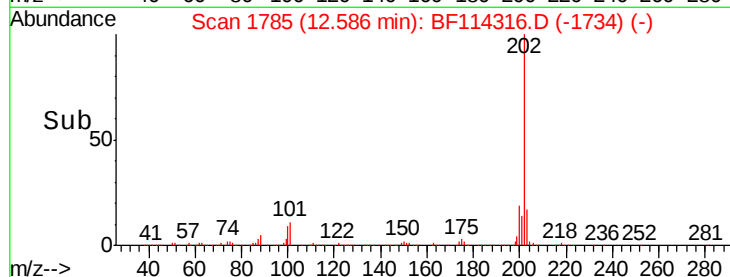
203 17.4 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF114316.D

Acq: 16 May 2019 18:27

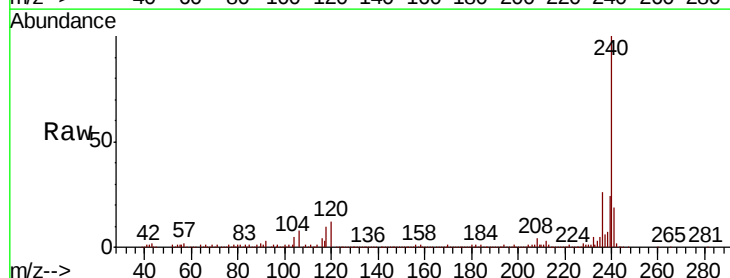
Tgt Ion:240 Resp: 476650

Ion Ratio Lower Upper

240 100

120 11.7 8.3 12.5

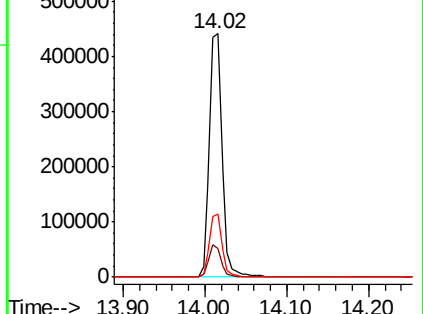
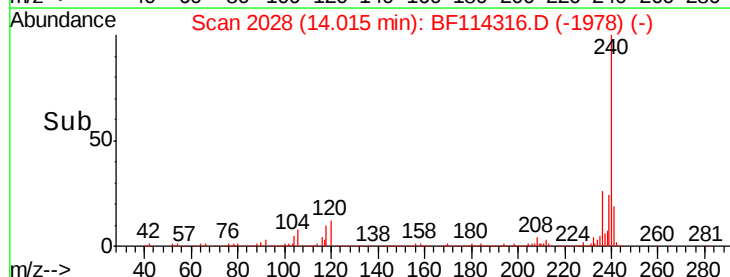
236 26.1 20.8 31.2

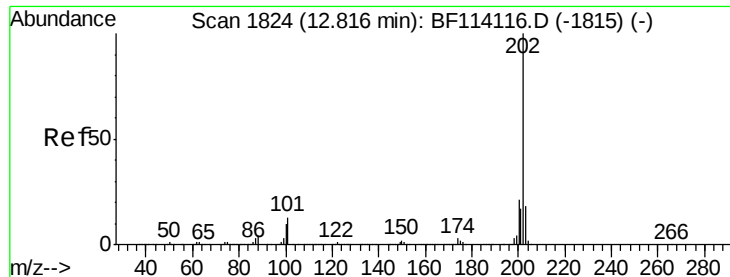


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

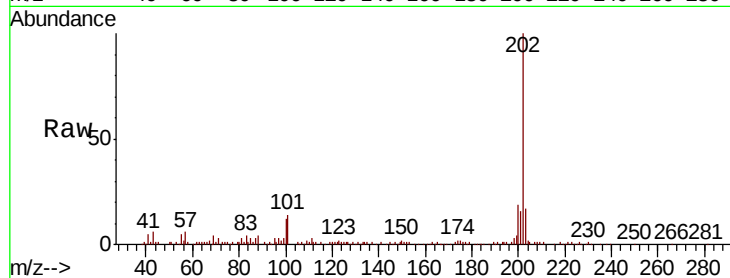




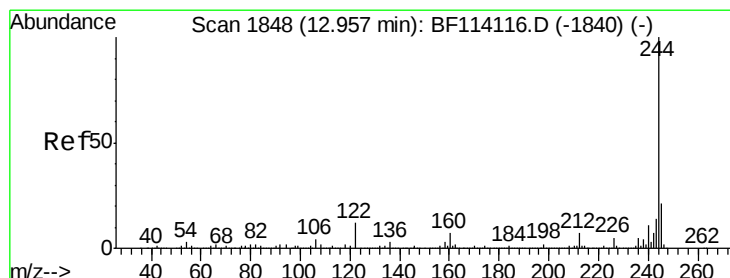
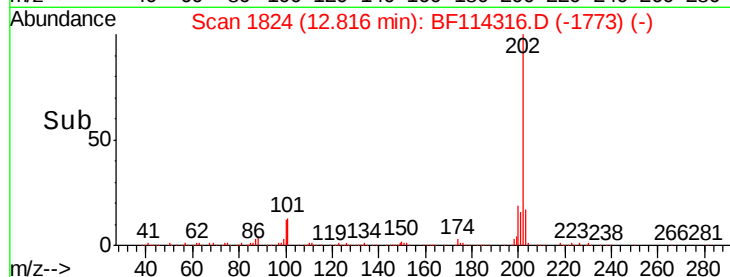
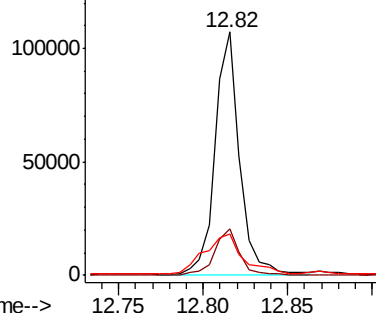
#78
Pvrene
Concen: 2.817 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114316.D
Acq: 16 May 2019 18:27

Instrument :
BNA_F
ClientSampleId :
SB-03(29-31)

Tot Ion:	202	Resp:	108005
Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.9	25.3
203	17.2	14.5	21.7

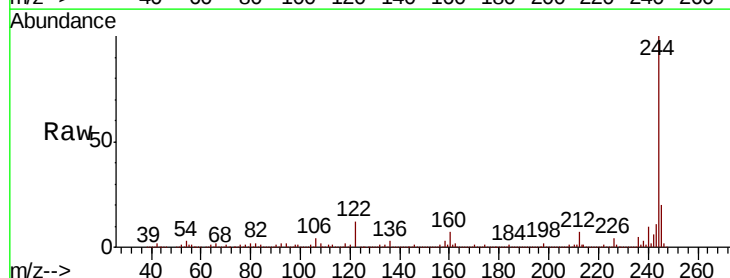


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

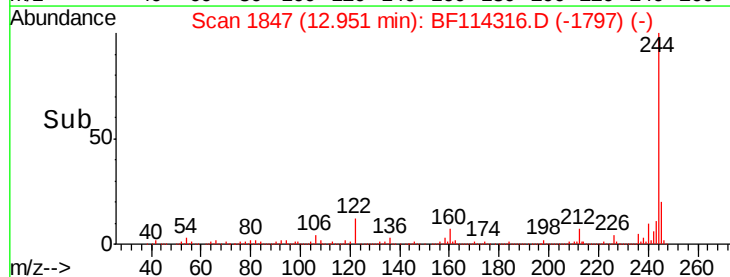
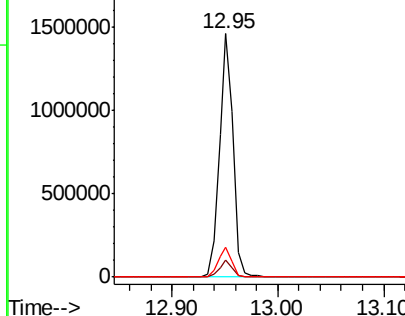


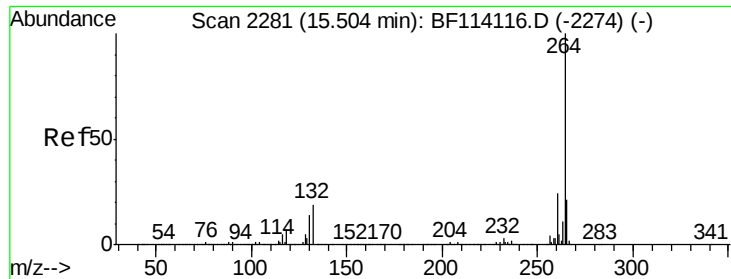
#79
Terphenyl-d14
Concen: 57.703 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114316.D
Acq: 16 May 2019 18:27

Tgt Ion:	244	Resp:	1334230
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	12.5	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: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF114316.D
 Acq: 16 May 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(29-31)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.2	16.9	25.3

