

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116996.D
 Acq On : 12 Sep 2019 17:09
 Operator : HP/JU
 Sample : K4806-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Quant Time: Sep 13 08:06:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

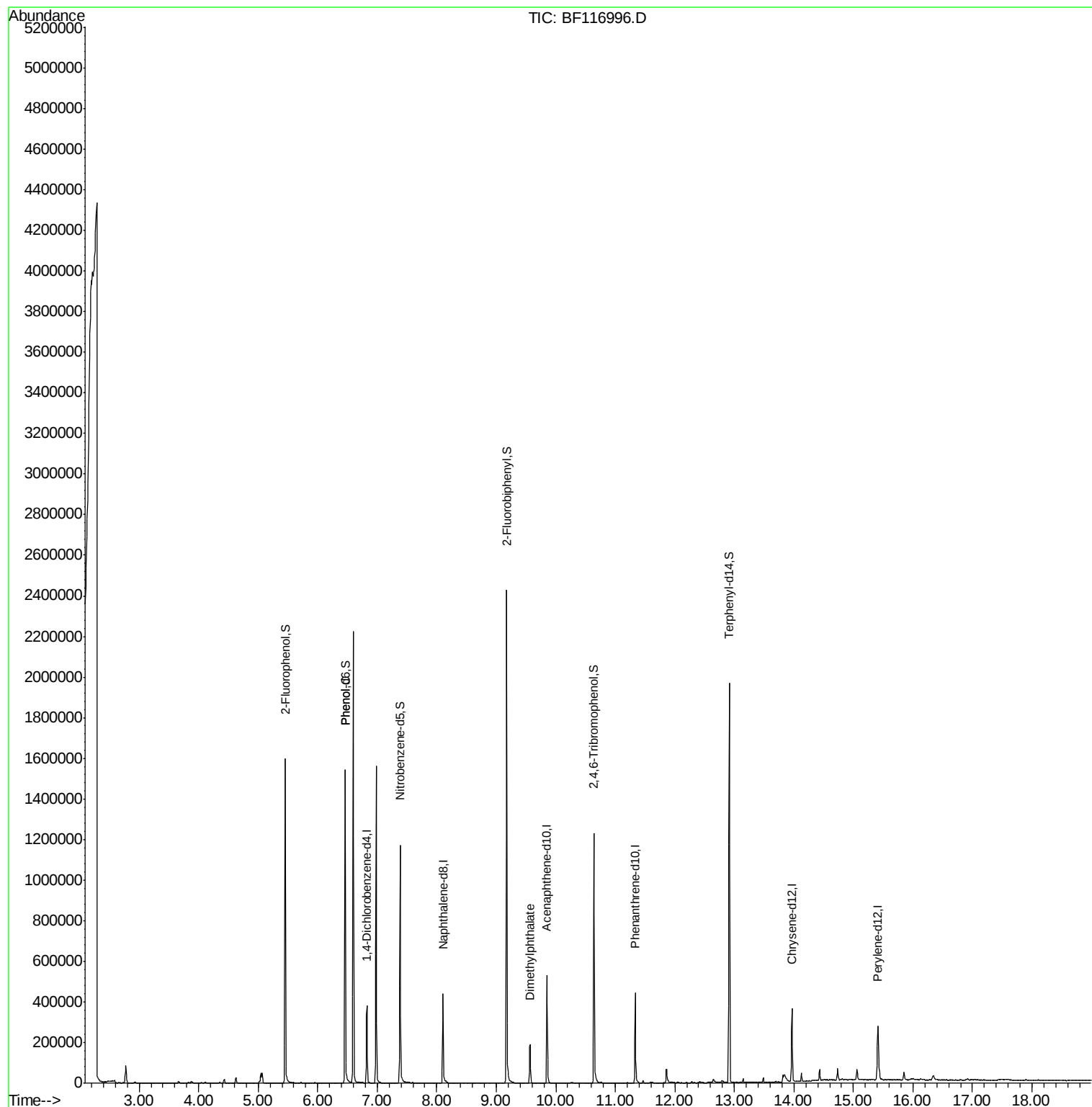
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	60517	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	229821	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	114748	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	173736	20.00	ng	0.00
76) Chrysene-d12	13.97	240	114341	20.00	ng	0.00
87) Perylene-d12	15.41	264	133685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	499354	133.68	ng	0.02
7) Phenol-d6	6.46	99	601321	122.59	ng	0.00
23) Nitrobenzene-d5	7.39	82	450652	111.94	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	141011	183.82	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	772040	113.50	ng	0.00
79) Terphenyl-d14	12.92	244	602121	97.42	ng	0.00
Target Compounds						
10) Phenol	6.47	94	11091	2.042	ng	Qvalue # 71
50) Dimethylphthalate	9.57	163	92329	11.655	ng	99

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

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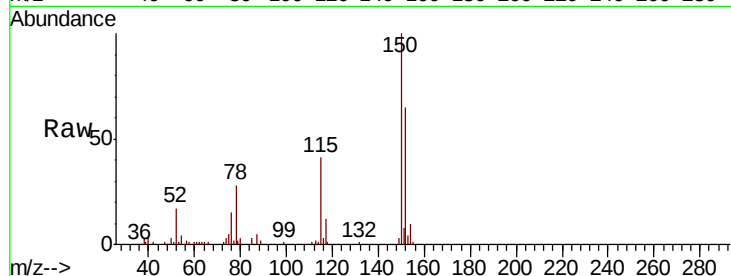


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	62.8	50.2	75.2

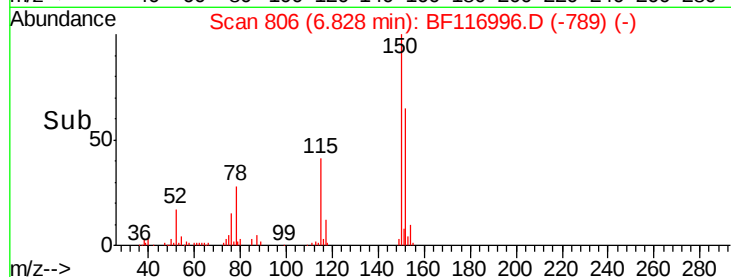
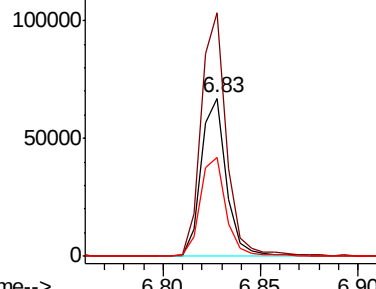


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

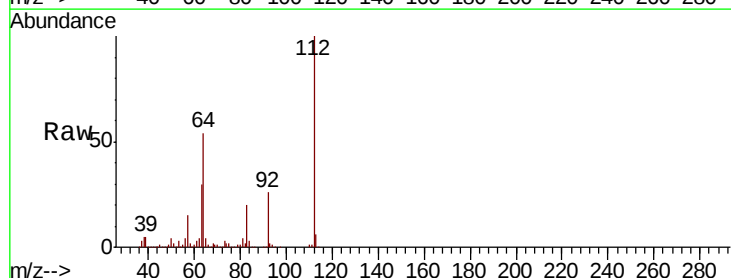
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.678 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.1	70.7
63	29.7	25.4	38.0

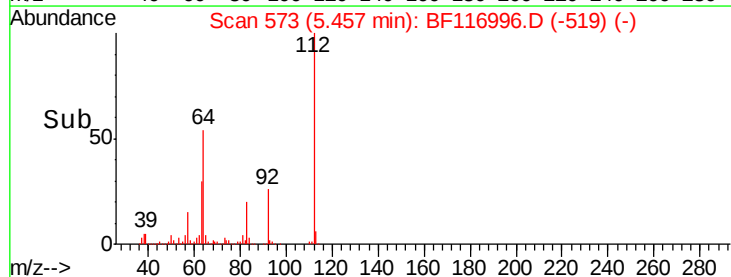
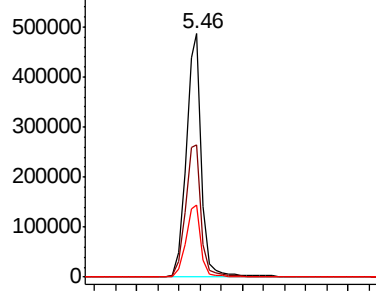


Abundance

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: 122.591 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF116996.D

Acq: 12 Sep 2019 17:09

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP

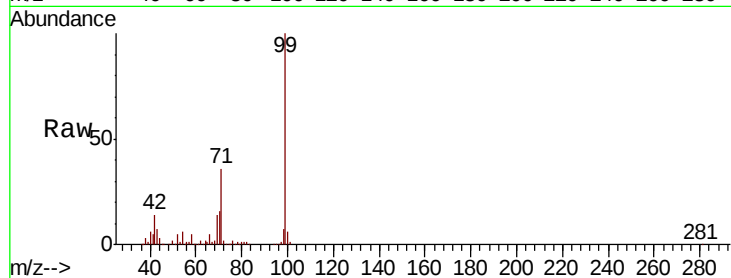
Tot Ion: 99 Resp: 601321

Ion Ratio Lower Upper

99 100

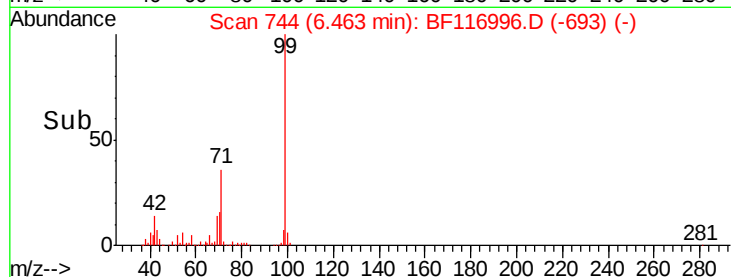
42 14.4 12.0 18.0

71 35.9 29.7 44.5



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

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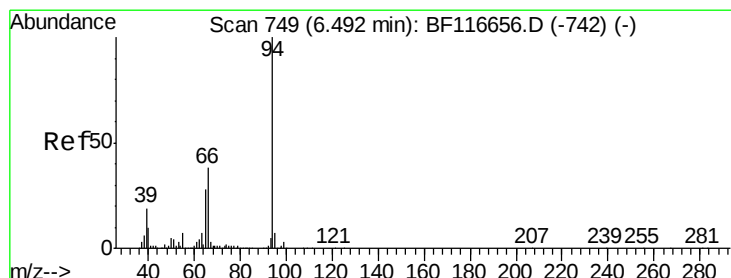
6.46

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#10

Phenol

Concen: 2.042 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116996.D

Acq: 12 Sep 2019 17:09

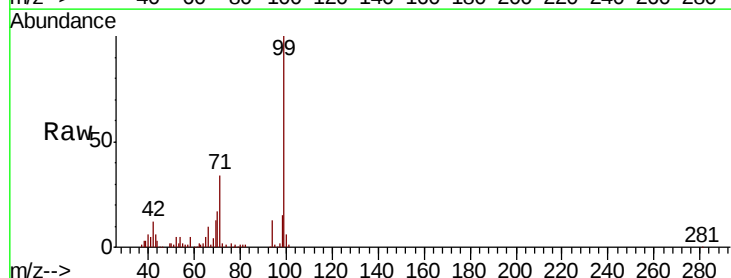
Tgt Ion: 94 Resp: 11091

Ion Ratio Lower Upper

94 100

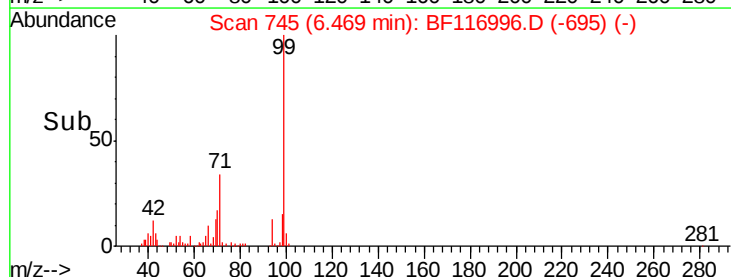
65 37.2 12.0 52.0

66 75.1 26.5 66.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF116996.D

Acq: 12 Sep 2019 17:09

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP

Tot Ion:136 Resp: 229821

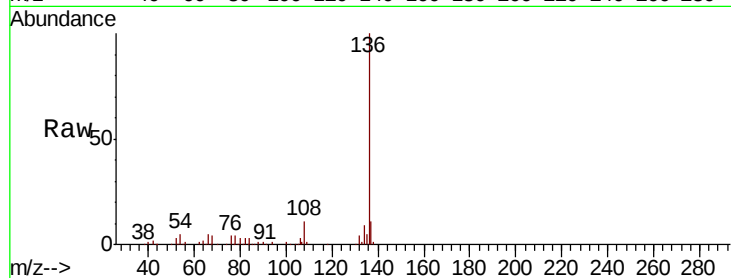
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 5.0 3.8 5.8

68 4.3 3.6 5.4

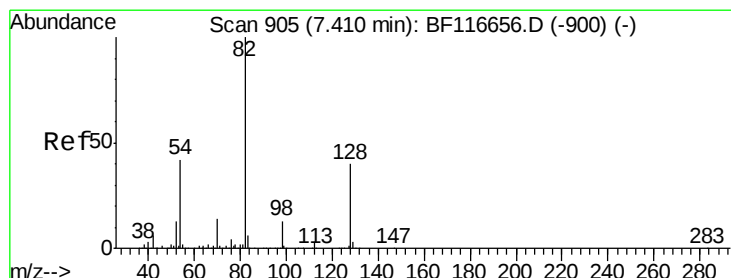
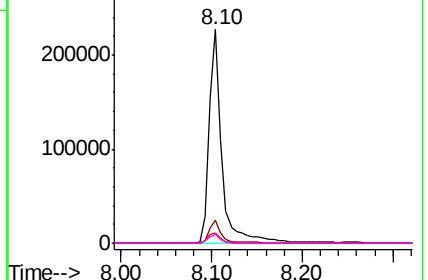
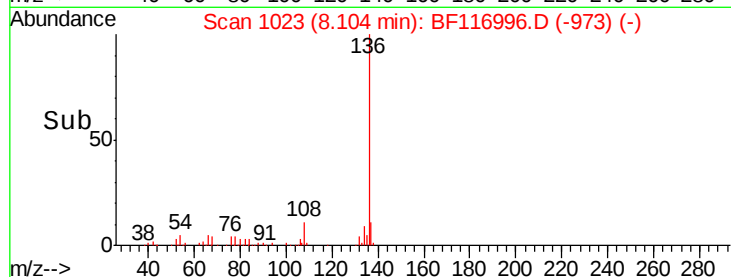


Abundance Ion 136.00 (135.70 to 136.70): E

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: 111.942 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF116996.D

Acq: 12 Sep 2019 17:09

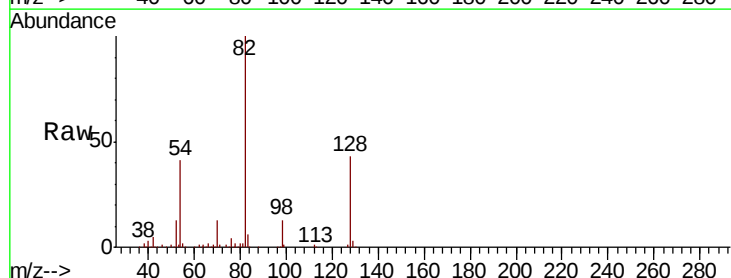
Tgt Ion: 82 Resp: 450652

Ion Ratio Lower Upper

82 100

128 42.8 35.0 52.4

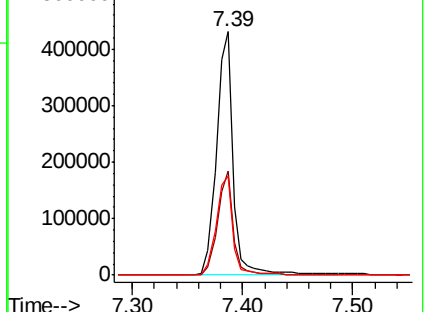
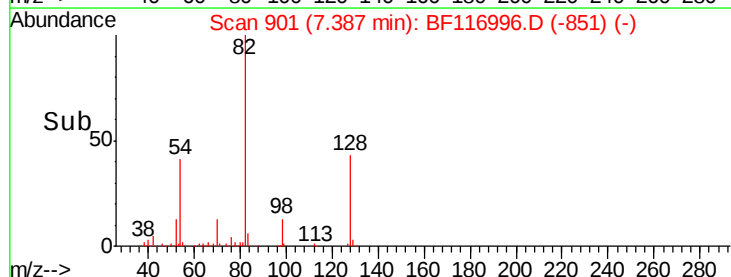
54 40.5 32.6 48.8



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

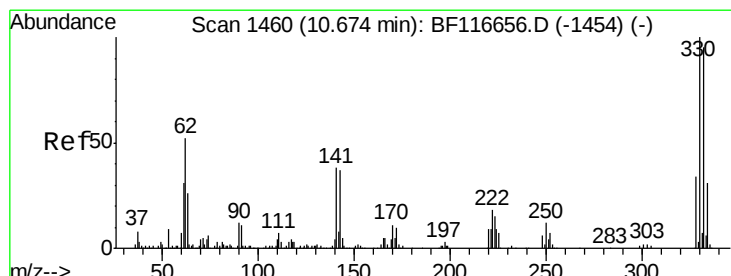
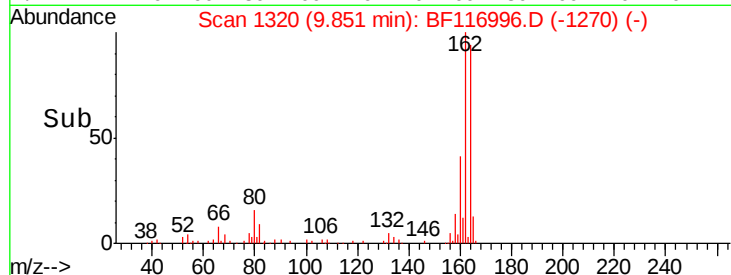
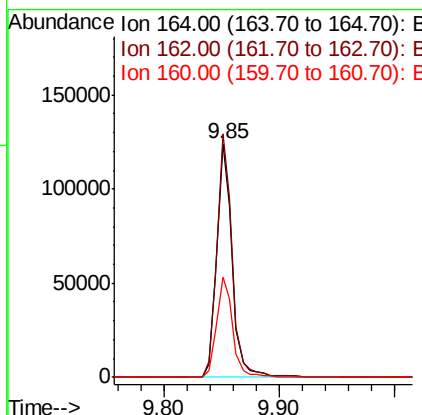
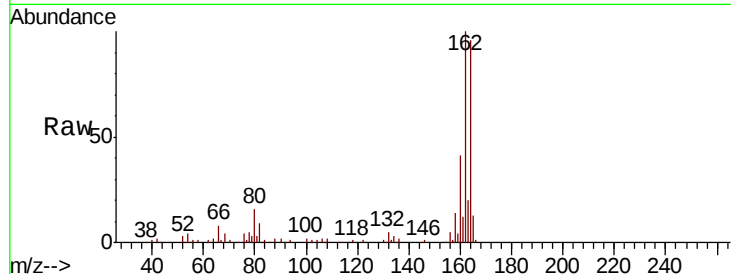




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

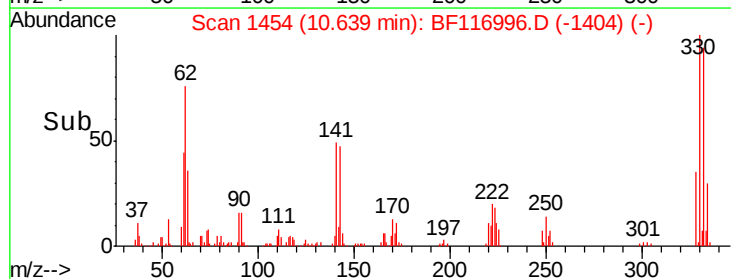
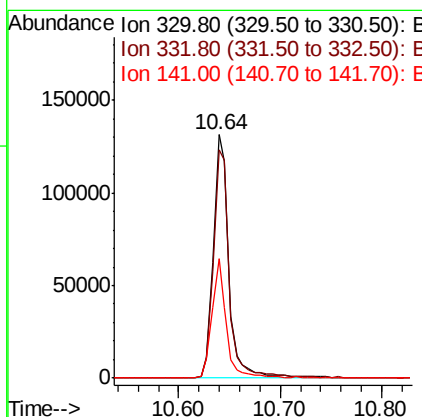
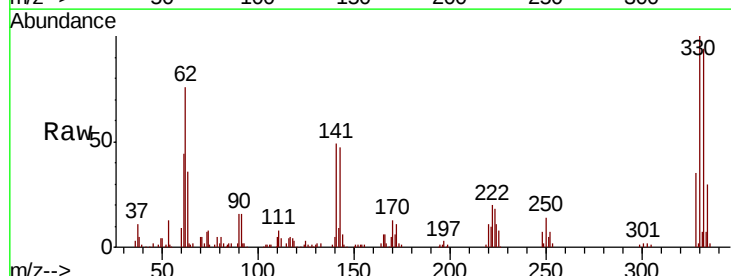
Instrument :
BNA_F
ClientSampleId :
DRUM-COMP

Tot Ion:164 Resp: 114748
Ion Ratio Lower Upper
164 100
162 104.1 81.8 122.6
160 42.8 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 183.820 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

Tgt Ion:330 Resp: 141011
Ion Ratio Lower Upper
330 100
332 95.8 75.9 113.9
141 44.6 35.6 53.4

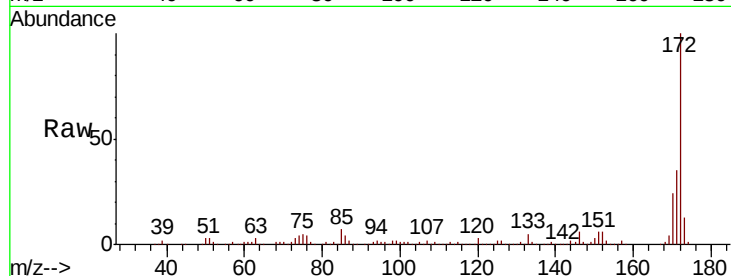




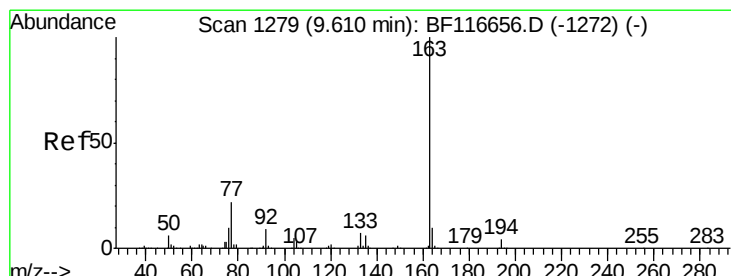
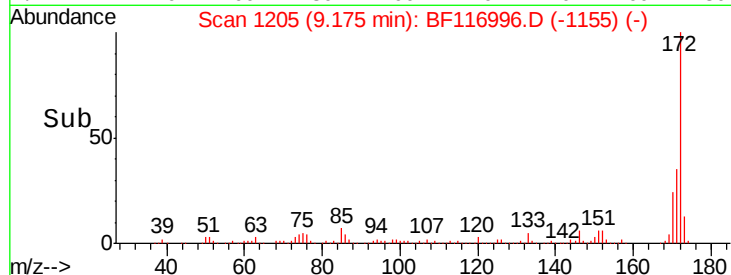
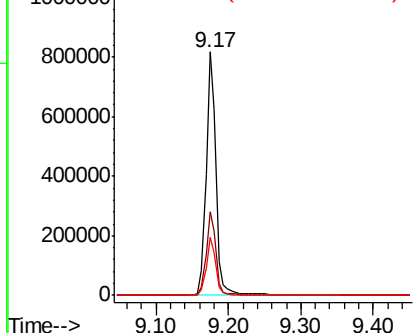
#45
 2-Fluorobiphenyl
 Concen: 113.497 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF116996.D
 Acq: 12 Sep 2019 17:09

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Tot Ion:172 Resp: 772040
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.1 43.7
 170 24.0 19.2 28.8

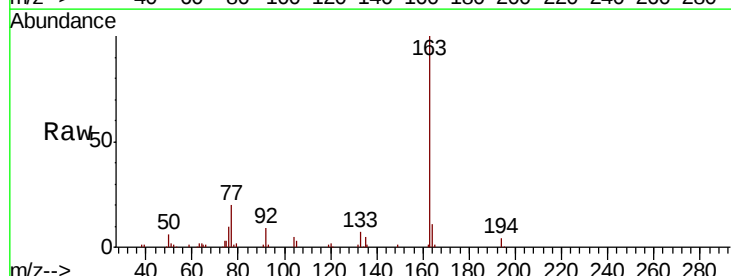


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

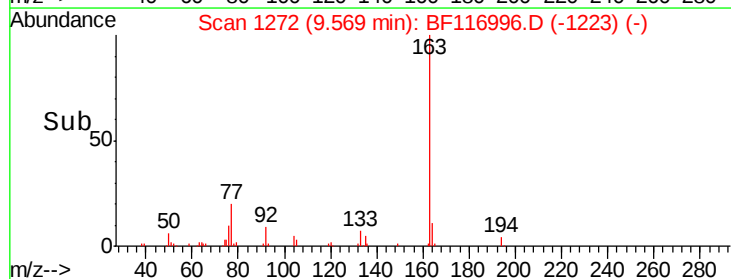
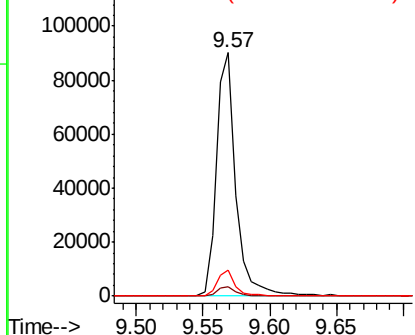


#50
 Dimethylphthalate
 Concen: 11.655 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF116996.D
 Acq: 12 Sep 2019 17:09

Tgt Ion:163 Resp: 92329
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.7 8.2 12.4



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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF116996.D

Acq: 12 Sep 2019 17:09

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP

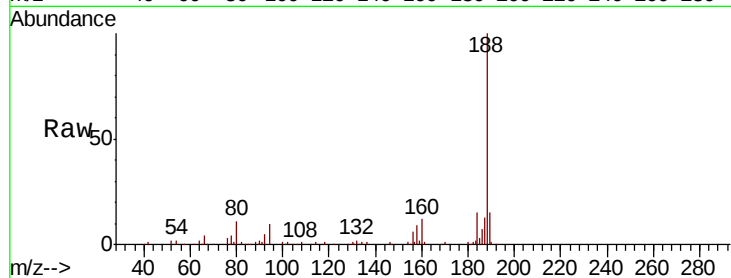
Tot Ion:188 Resp: 173736

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

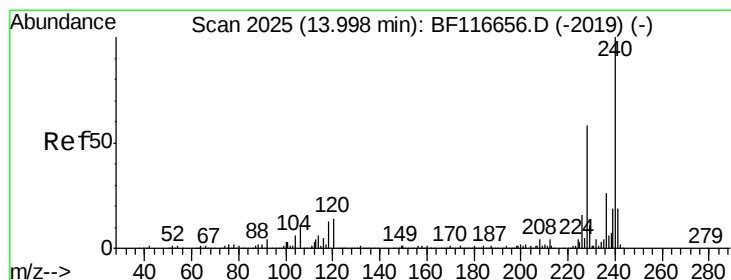
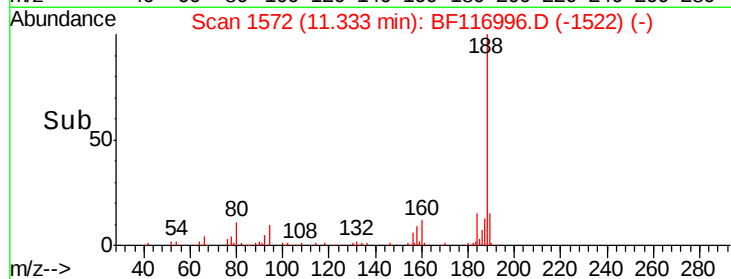
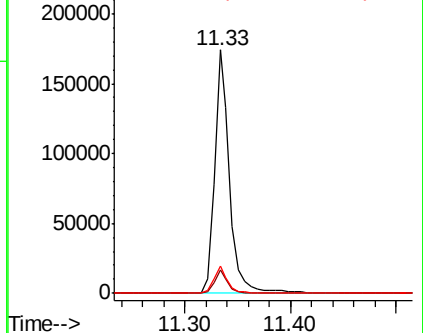
80 11.1 8.5 12.7



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116996.D

Acq: 12 Sep 2019 17:09

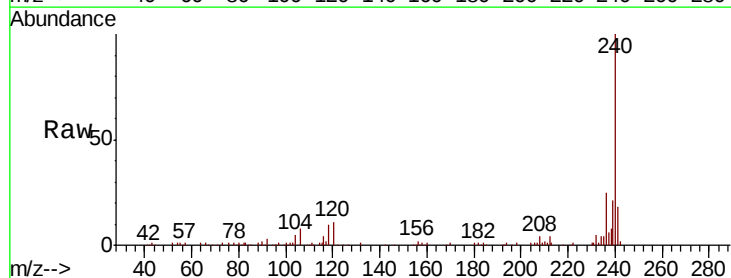
Tgt Ion:240 Resp: 114341

Ion Ratio Lower Upper

240 100

120 10.8 9.1 13.7

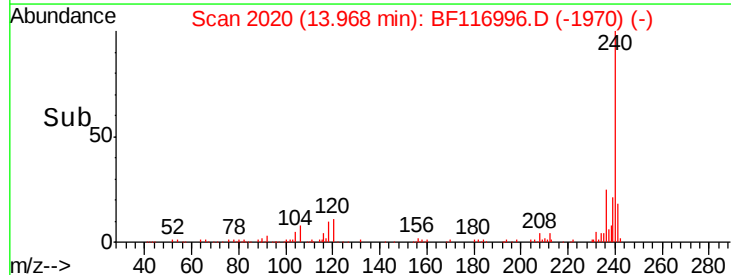
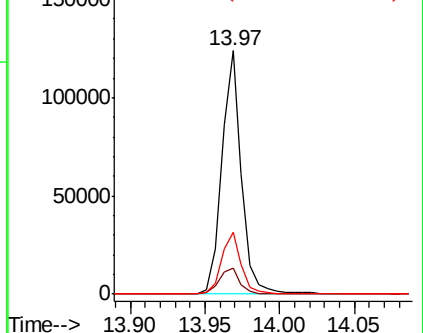
236 25.4 20.9 31.3

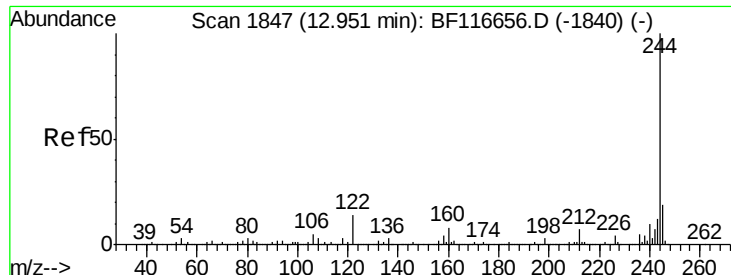


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

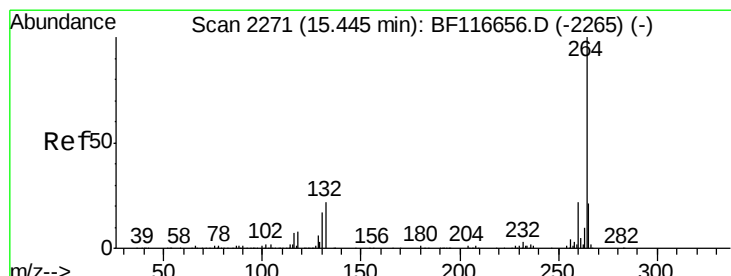
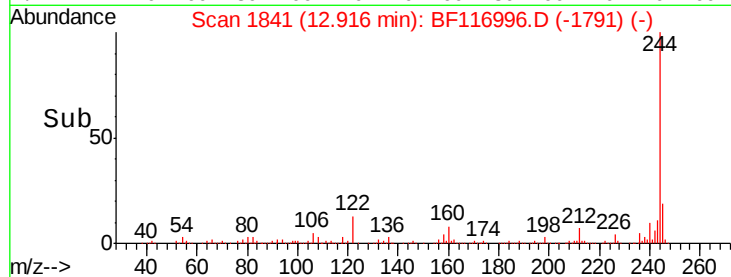
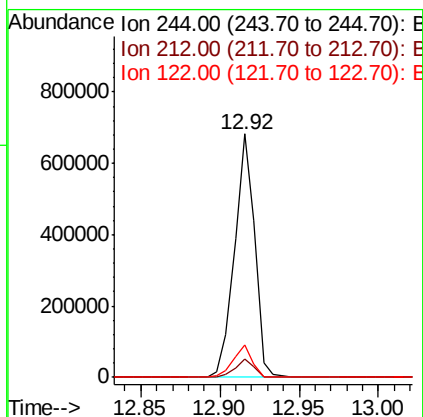
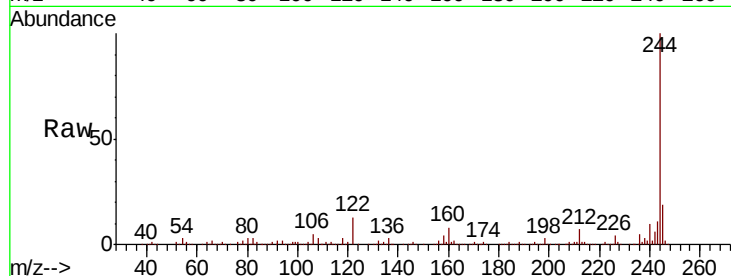




#79
 Terphenyl-d14
 Concen: 97.418 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF116996.D
 Acq: 12 Sep 2019 17:09

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Tot Ion:244 Resp: 602121
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 13.1 11.5 17.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF116996.D
 Acq: 12 Sep 2019 17:09

Tgt Ion:264 Resp: 133685
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 22.0 17.9 26.9

