

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116583.D
 Acq On : 27 Aug 2019 14:19
 Operator : HP/JU
 Sample : K4490-03RE 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STUCCORE

Quant Time: Aug 27 18:00:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

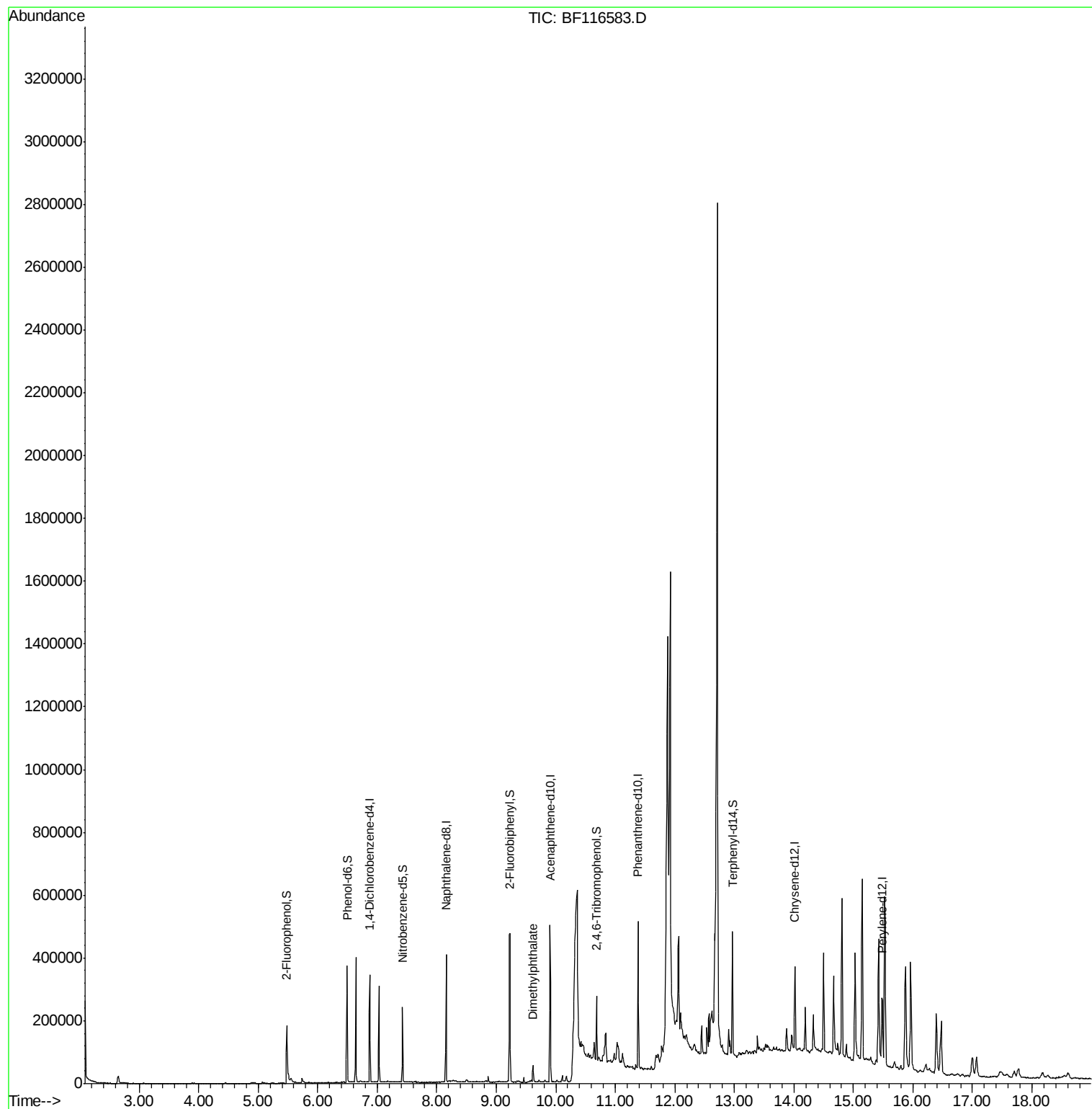
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	43401	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	172155	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	88391	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	139331	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	81479	20.00	ng	-0.01
87) Perylene-d12	15.49	264	91560	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	62738	21.12	ng	-0.02
7) Phenol-d6	6.49	99	106379	29.21	ng	-0.01
23) Nitrobenzene-d5	7.43	82	69566	22.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	18498	24.37	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	136298	24.83	ng	-0.01
79) Terphenyl-d14	12.97	244	110112	25.24	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.62	163	14173	2.298	ng	Qvalue # 86

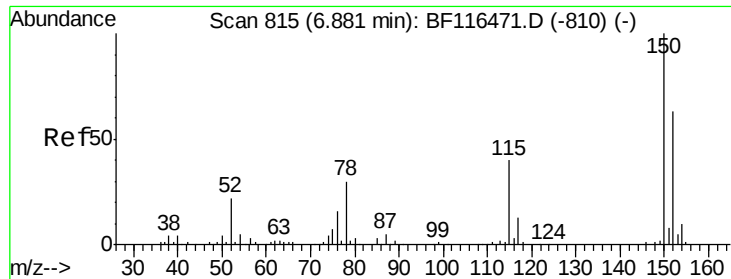
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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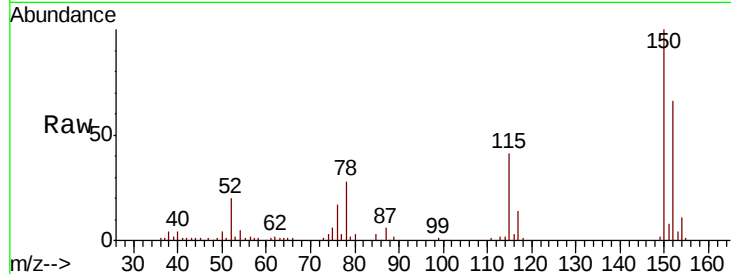


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116583.D
Acq: 27 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :
STUCCORE

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.7	190.1
115	61.8	50.9	76.3

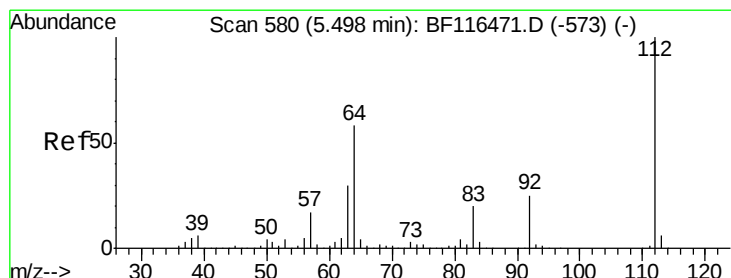
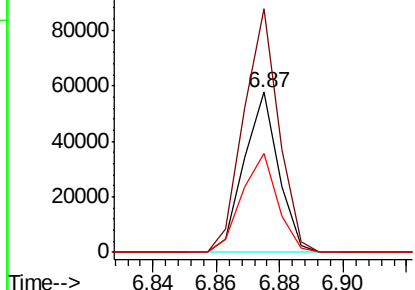
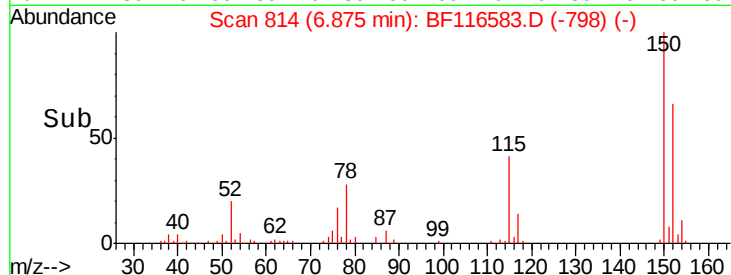


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

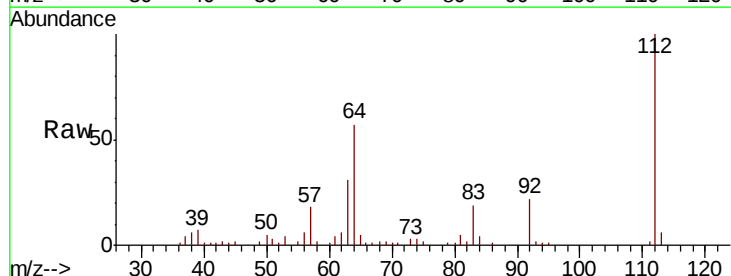
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 21.121 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF116583.D
Acq: 27 Aug 2019 14:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.3	69.5
63	31.4	24.2	36.4

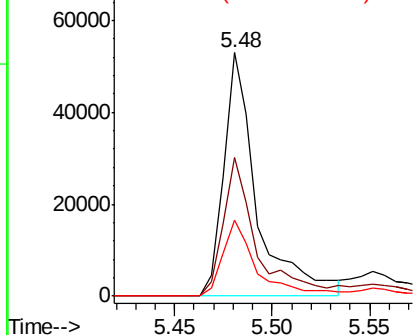
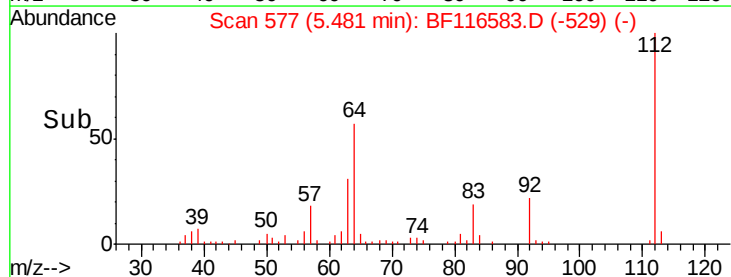


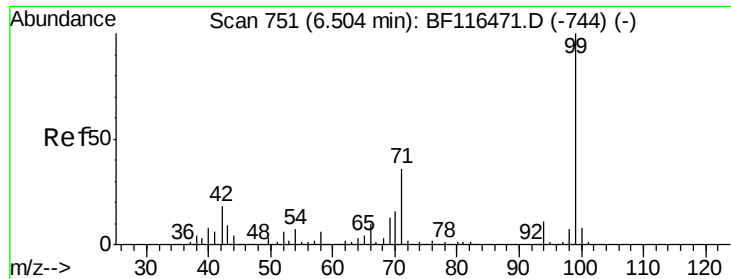
Abundance

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: 29.208 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116583.D

Acq: 27 Aug 2019 14:19

Instrument :

BNA_F

ClientSampleId :

STUCCORE

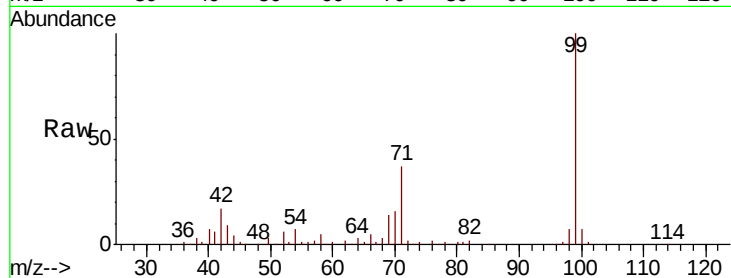
Tot Ion: 99 Resp: 106379

Ion Ratio Lower Upper

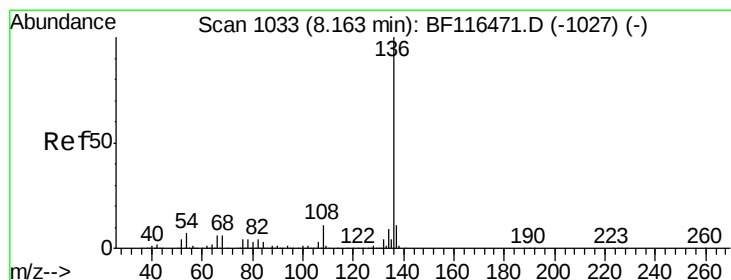
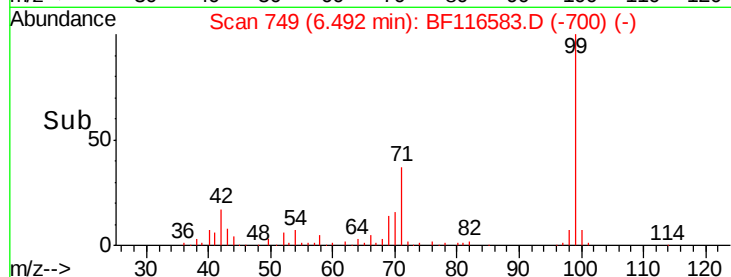
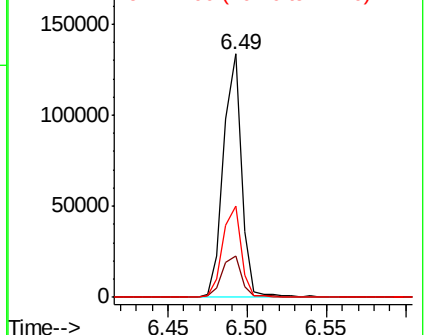
99 100

42 17.1 14.6 21.8

71 37.3 28.5 42.7



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF116583.D

Acq: 27 Aug 2019 14:19

Tgt Ion: 136 Resp: 172155

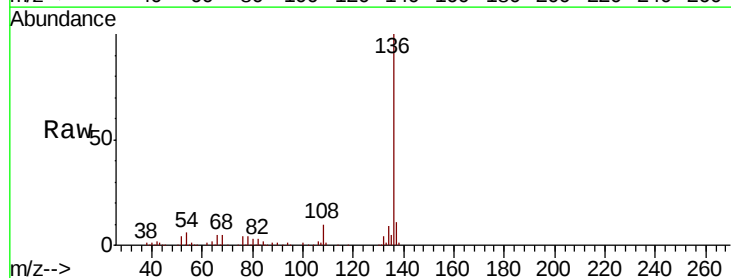
Ion Ratio Lower Upper

136 100

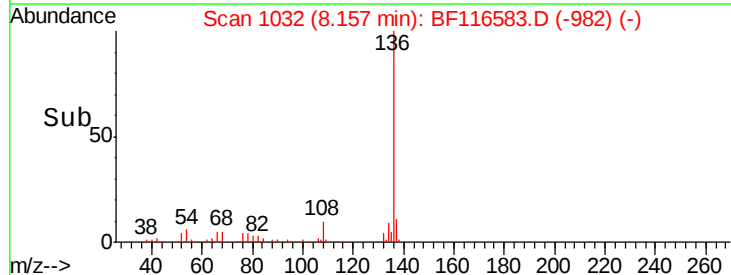
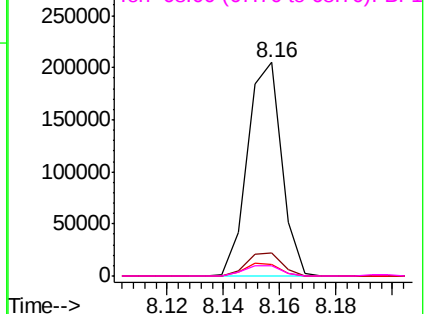
137 10.5 9.0 13.4

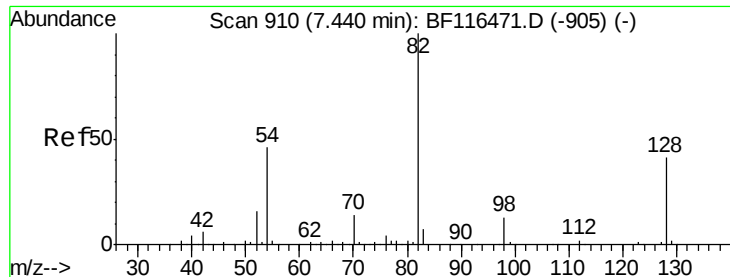
54 5.7 5.8 8.6#

68 4.5 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

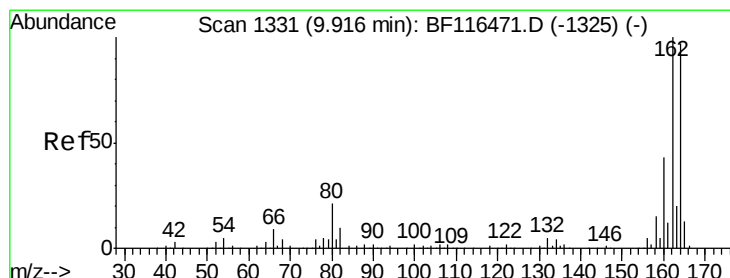
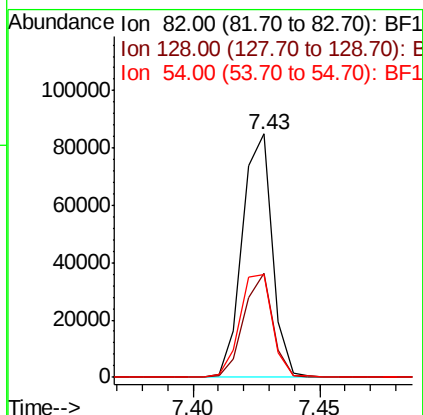
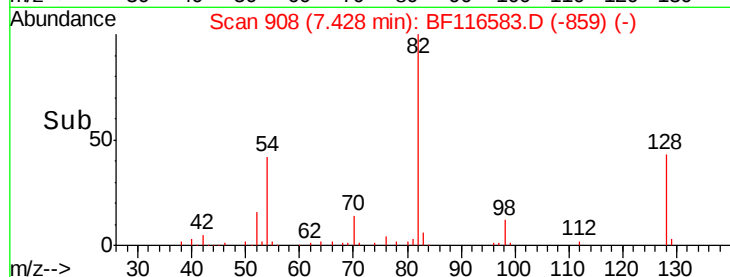
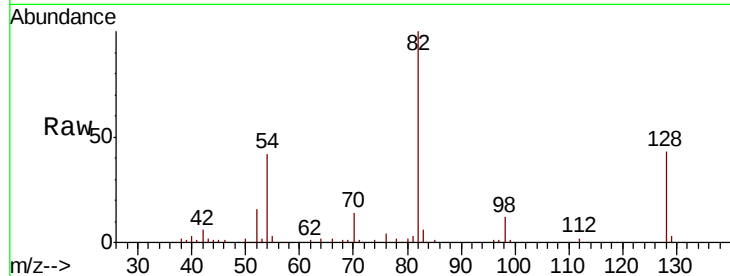




#23
 Nitrobenzene-d5
 Concen: 22.108 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116583.D
 Acq: 27 Aug 2019 14:19

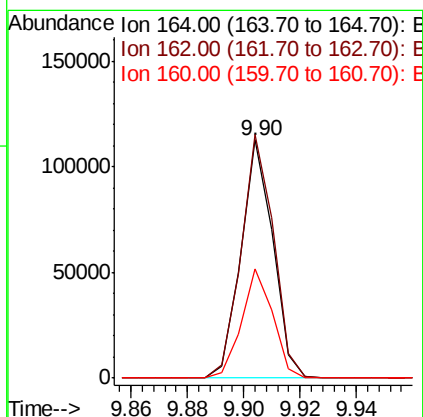
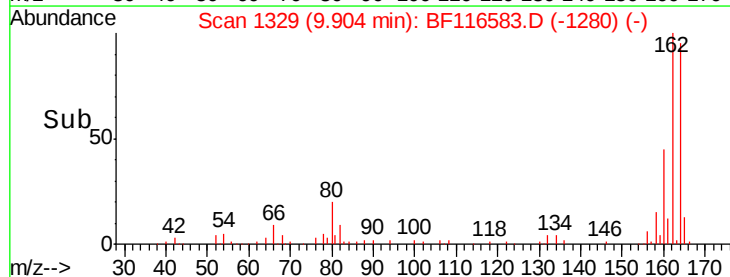
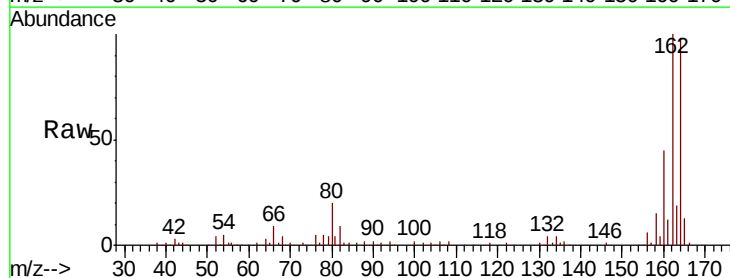
Instrument :
 BNA_F
 ClientSampleId :
 STUCCORE

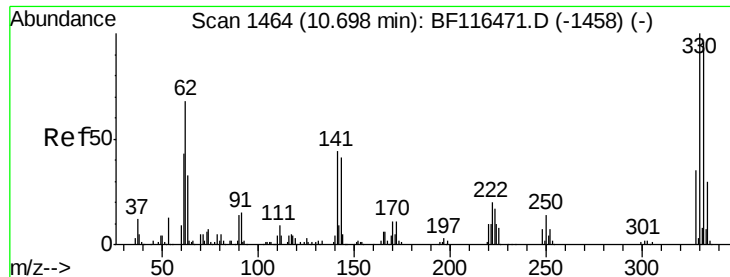
Tot Ion	82	Resp	69566
Ion Ratio	100	Lower	Upper
128	42.9	32.2	48.4
54	42.5	36.5	54.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF116583.D
 Acq: 27 Aug 2019 14:19

Tgt Ion	164	Resp	88391
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.1	82.6	123.8
160	45.8	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 24.372 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF116583.D

Acq: 27 Aug 2019 14:19

Instrument :

BNA_F

ClientSampleId :

STUCCORE

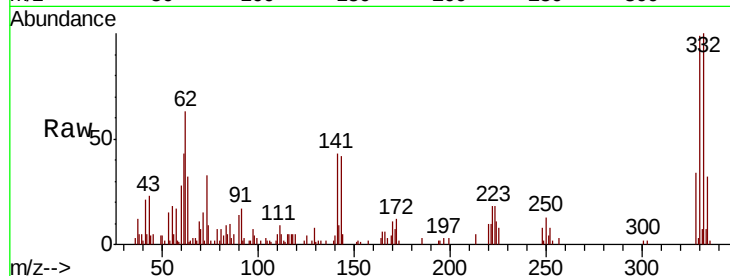
Tot Ion:330 Resp: 18498

Ion Ratio Lower Upper

330 100

332 99.3 77.2 115.8

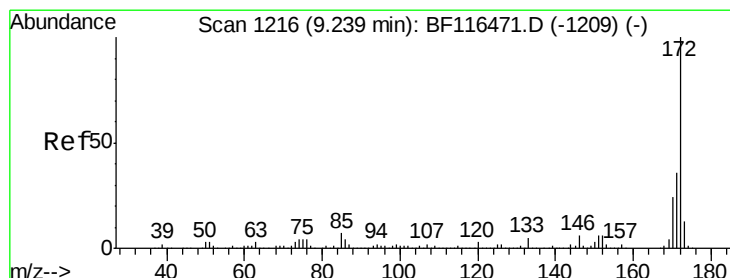
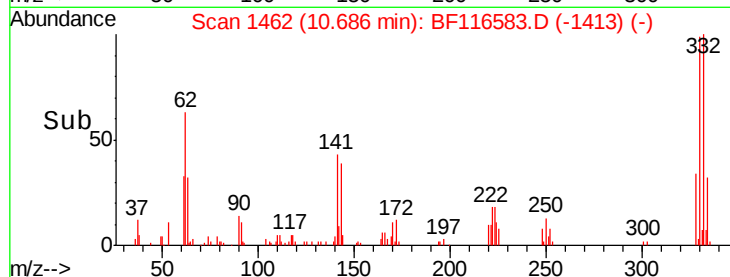
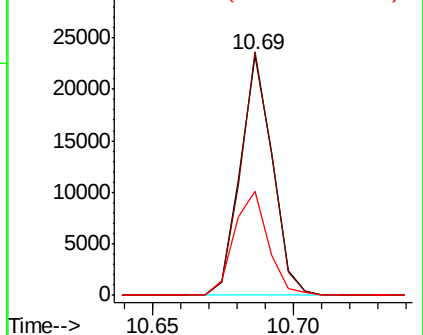
141 45.7 33.3 49.9



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: 24.832 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF116583.D

Acq: 27 Aug 2019 14:19

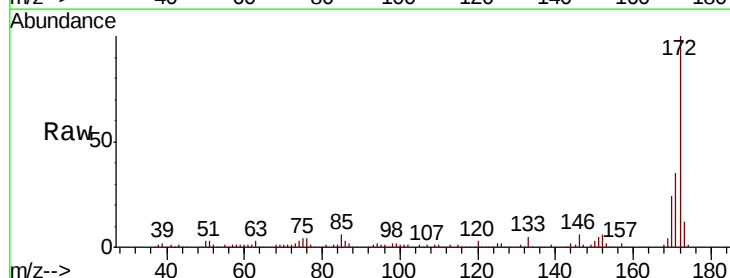
Tgt Ion:172 Resp: 136298

Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

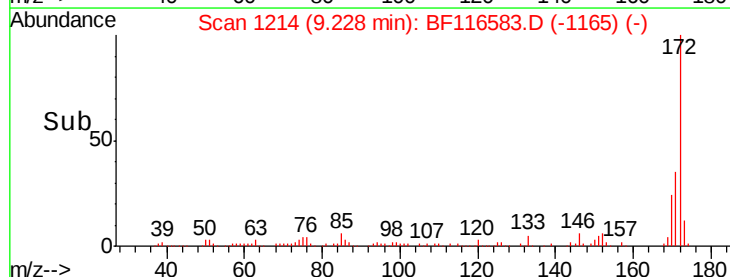
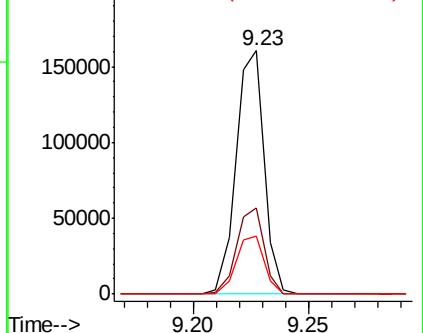
170 23.7 19.4 29.0

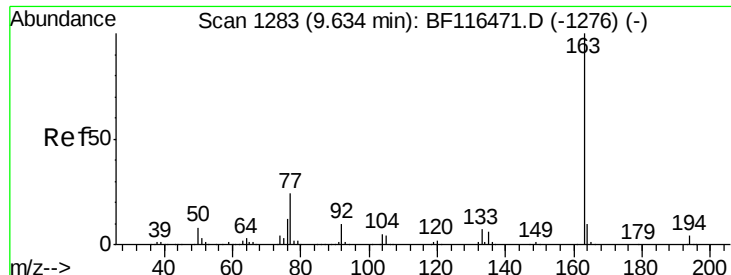


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

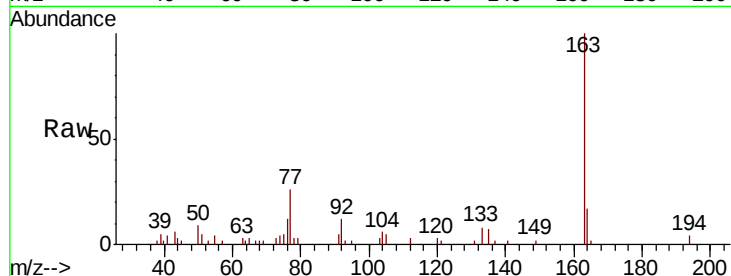




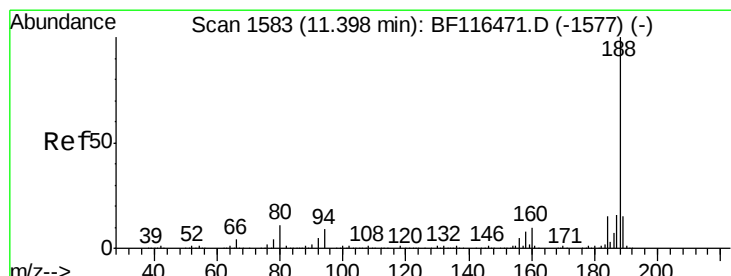
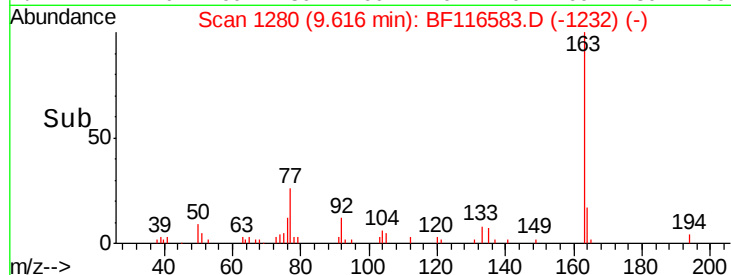
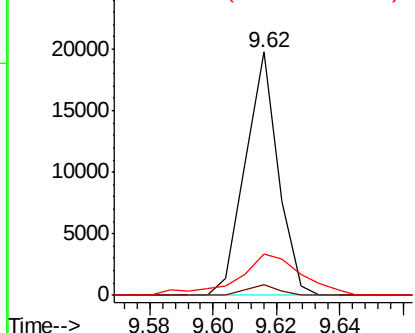
#50
Dimethylphthalate
Concen: 2.298 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF116583.D
Acq: 27 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :
STUCCORE

Tot Ion:163 Resp: 14173
Ion Ratio Lower Upper
163 100
194 4.3 2.9 4.3
164 16.7 8.2 12.2#

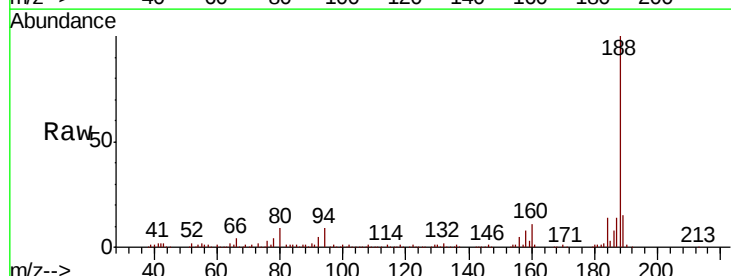


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

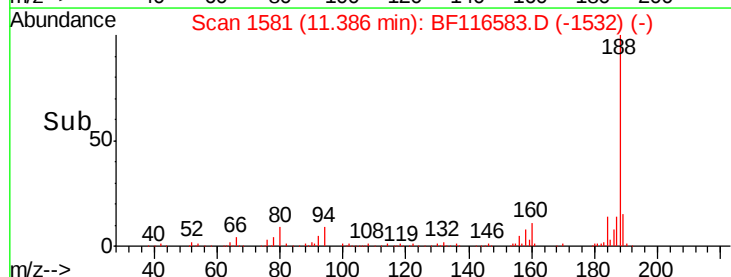
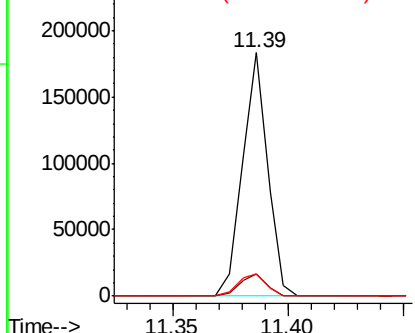


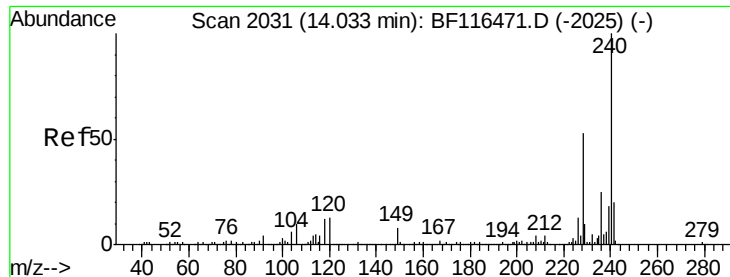
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116583.D
Acq: 27 Aug 2019 14:19

Tgt Ion:188 Resp: 139331
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.1 8.6 12.8



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF116583.D

Acq: 27 Aug 2019 14:19

Instrument :

BNA_F

ClientSampleId :

STUCCORE

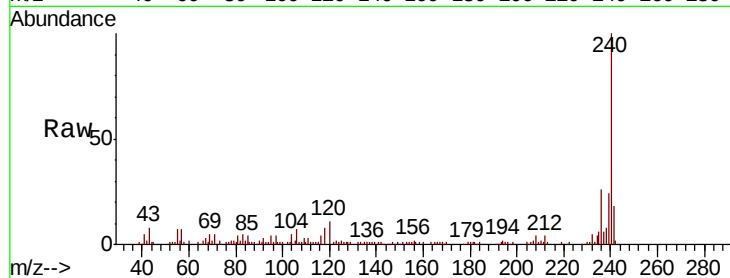
Tot Ion:240 Resp: 81479

Ion Ratio Lower Upper

240 100

120 10.7 10.5 15.7

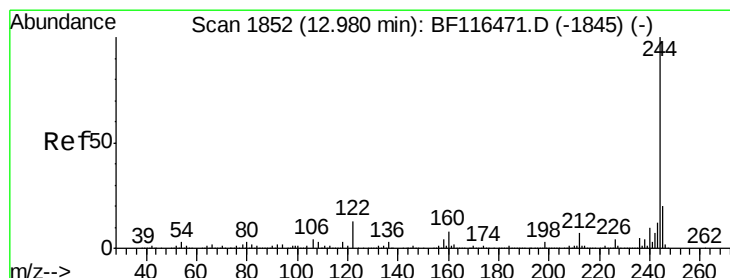
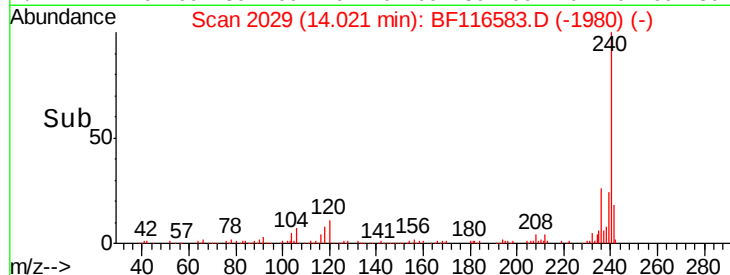
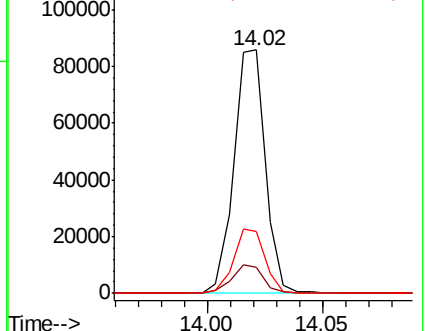
236 25.6 20.2 30.2



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: 25.243 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF116583.D

Acq: 27 Aug 2019 14:19

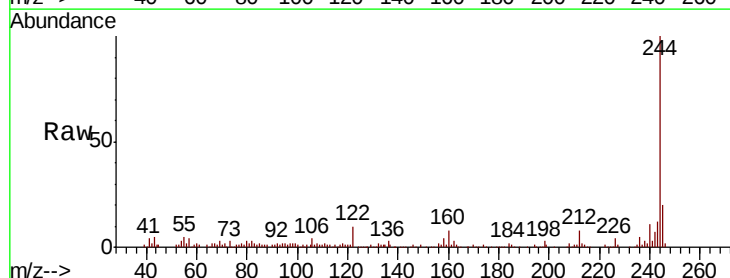
Tgt Ion:244 Resp: 110112

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

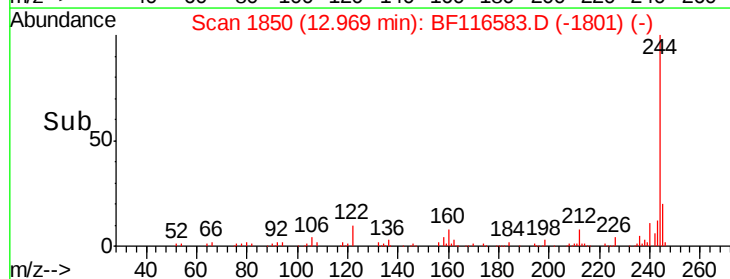
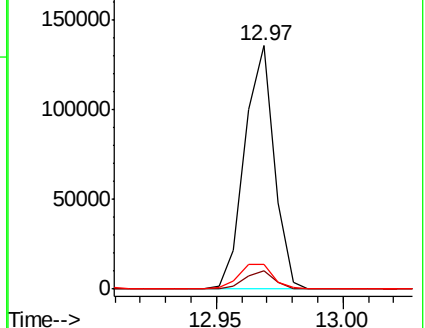
122 10.3 10.2 15.4

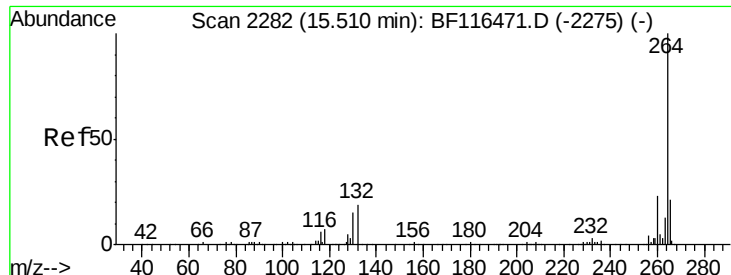


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF116583.D
Acq: 27 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :
STUCCORE

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.3	18.8	28.2	
265	21.9	17.1	25.7	

