

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116786.D
 Acq On : 3 Sep 2019 21:26
 Operator : HP/JU
 Sample : K4562-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-20-22

Quant Time: Sep 04 07:16:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

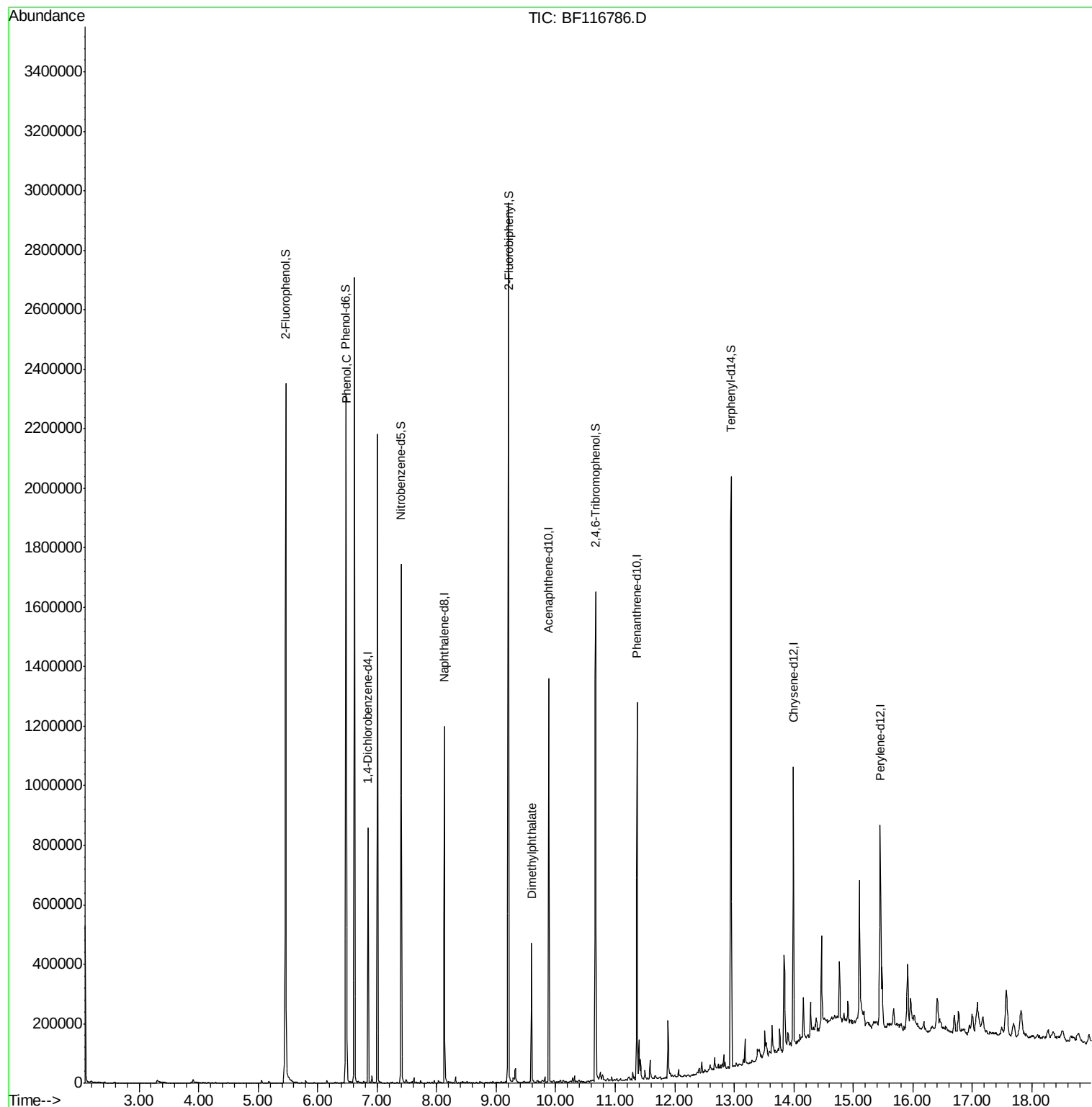
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	127466	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	514656	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	260975	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	403465	20.00	ng	0.00
76) Chrysene-d12	13.99	240	288243	20.00	ng	0.00
87) Perylene-d12	15.45	264	299420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	679683	86.39	ng	0.00
7) Phenol-d6	6.47	99	911321	88.21	ng	0.00
23) Nitrobenzene-d5	7.40	82	543380	60.27	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	174380	99.95	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	834470	53.94	ng	0.00
79) Terphenyl-d14	12.95	244	660568	42.40	ng	0.00
Target Compounds						
10) Phenol	6.49	94	64773	5.662	ng	91
50) Dimethylphthalate	9.59	163	162728	9.032	ng	99

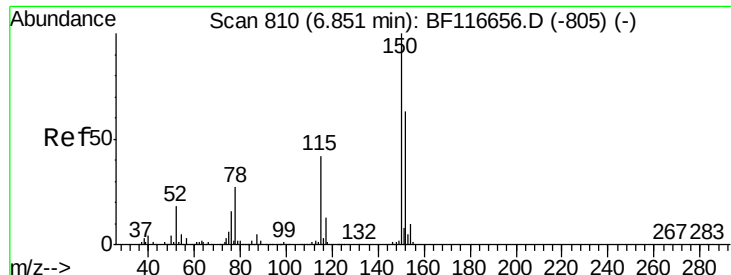
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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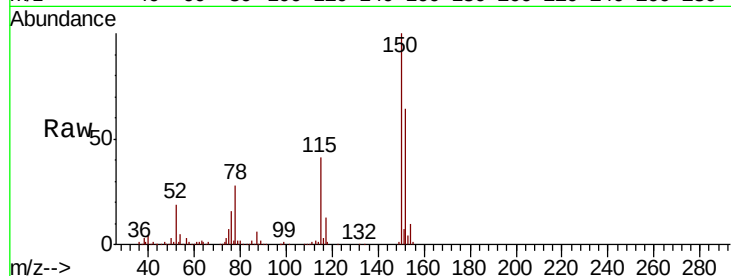


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116786.D
Acq: 3 Sep 2019 21:26

Instrument :
BNA_F
ClientSampleId :
SB-02-20-22

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.4	186.6
115	63.8	49.9	74.9

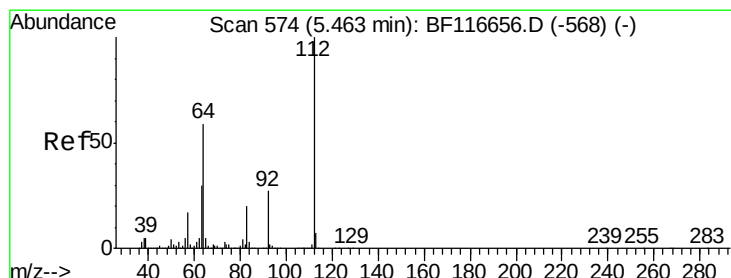
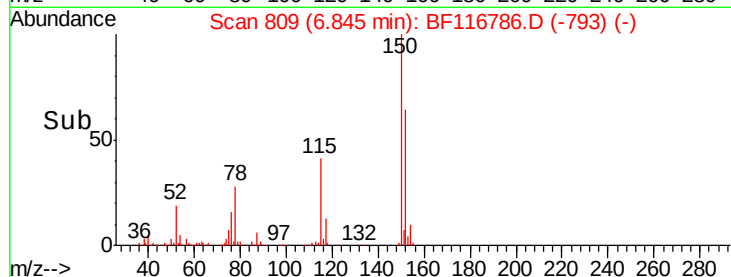
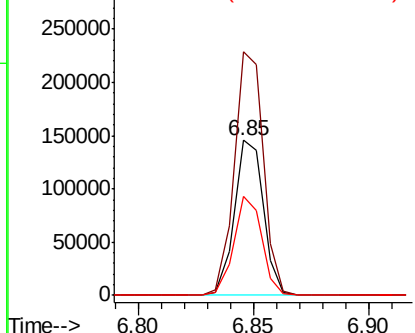


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

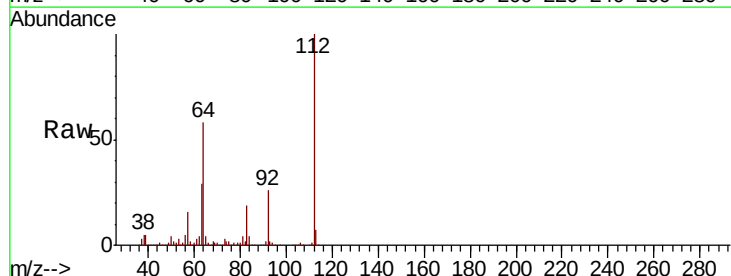
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.386 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116786.D
Acq: 3 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.1	70.7
63	29.2	24.9	37.3

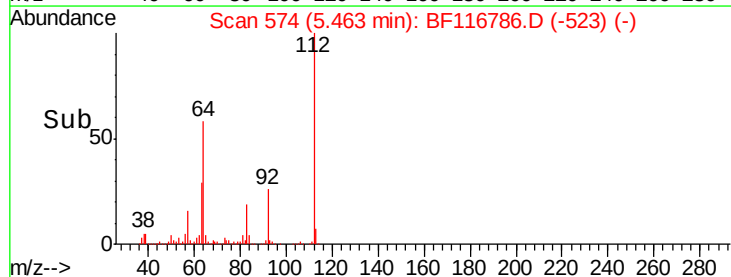
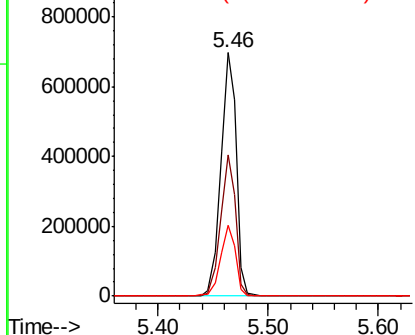


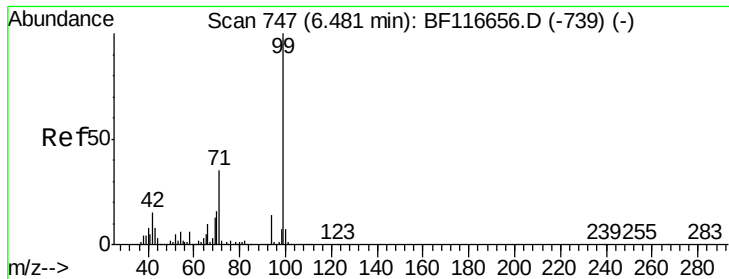
Abundance

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: 88.208 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116786.D

Acq: 3 Sep 2019 21:26

Instrument :

BNA_F

ClientSampleId :

SB-02-20-22

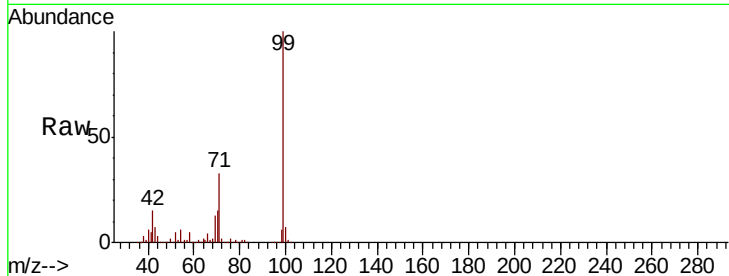
Tot Ion: 99 Resp: 911321

Ion Ratio Lower Upper

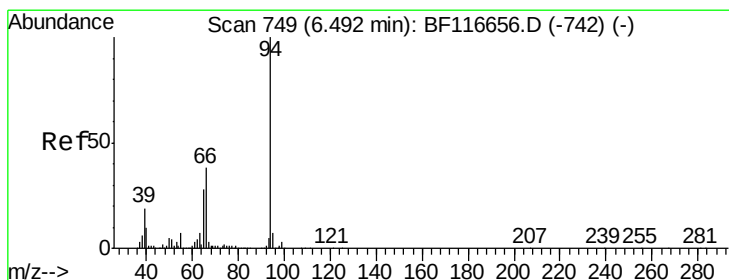
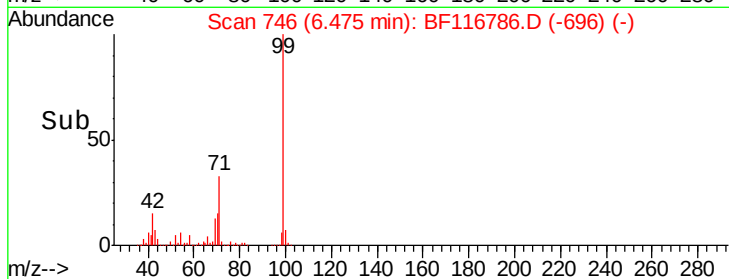
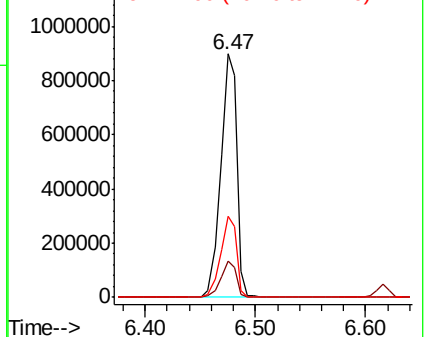
99 100

42 14.7 13.7 20.5

71 33.1 30.8 46.2



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



#10

Phenol

Concen: 5.662 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116786.D

Acq: 3 Sep 2019 21:26

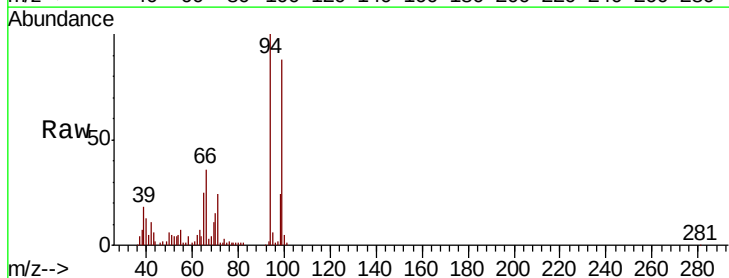
Tgt Ion: 94 Resp: 64773

Ion Ratio Lower Upper

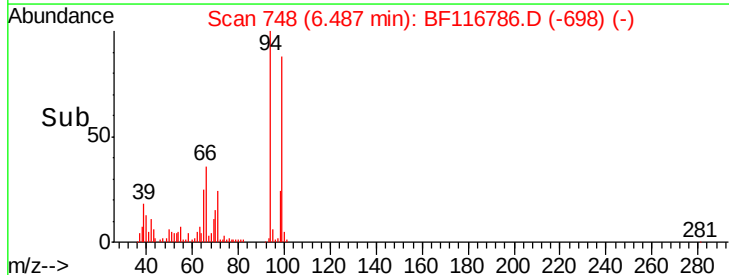
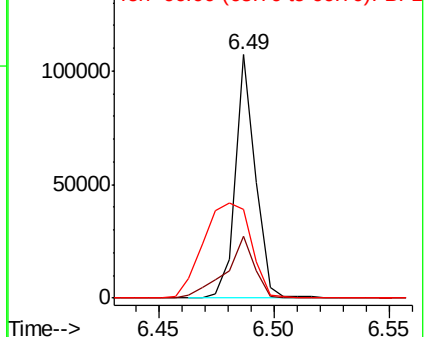
94 100

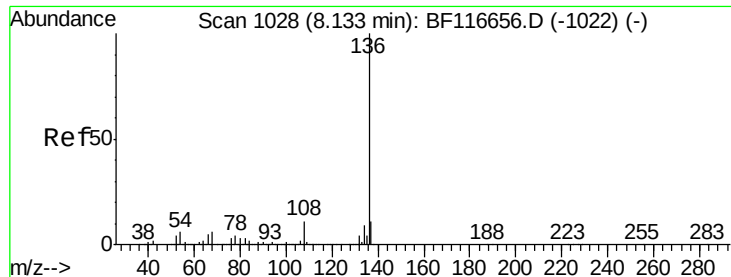
65 25.3 10.8 50.8

66 36.5 21.1 61.1



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

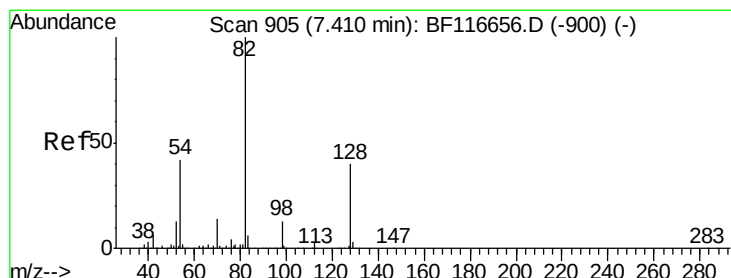
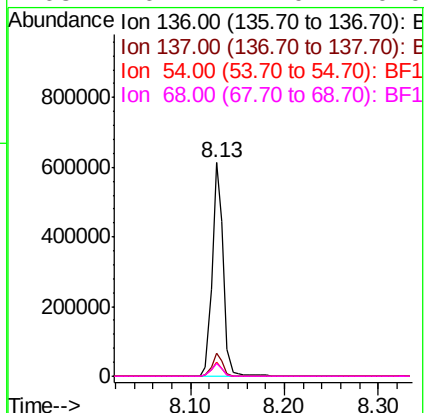
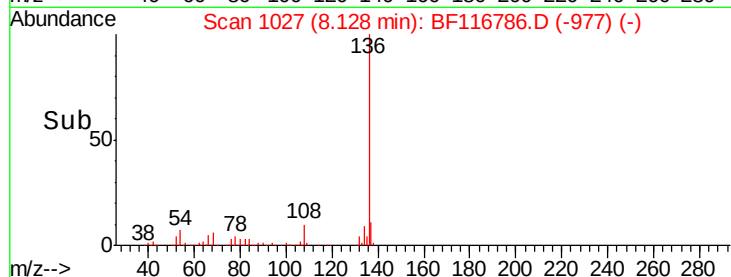
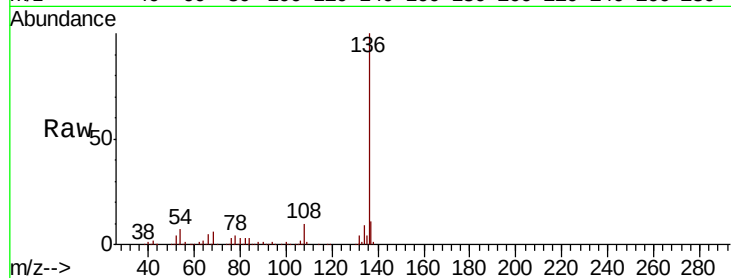




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116786.D
Acq: 3 Sep 2019 21:26

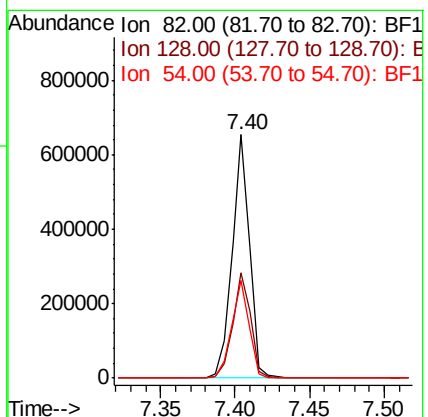
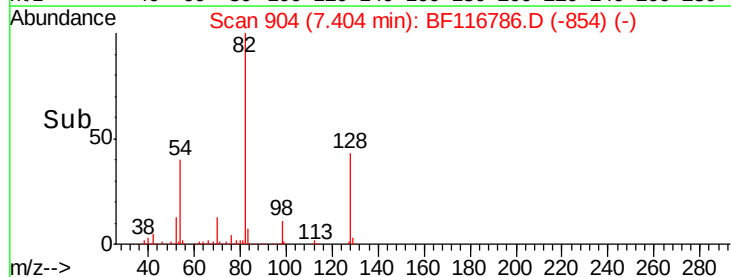
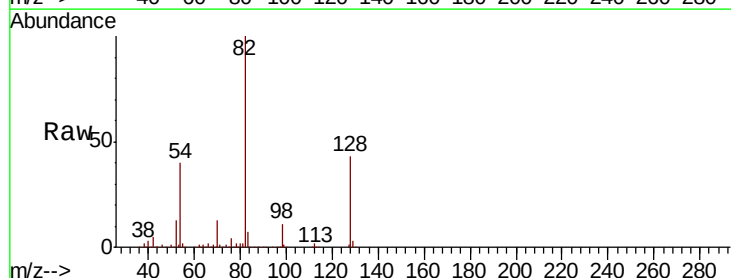
Instrument :
BNA_F
ClientSampleId :
SB-02-20-22

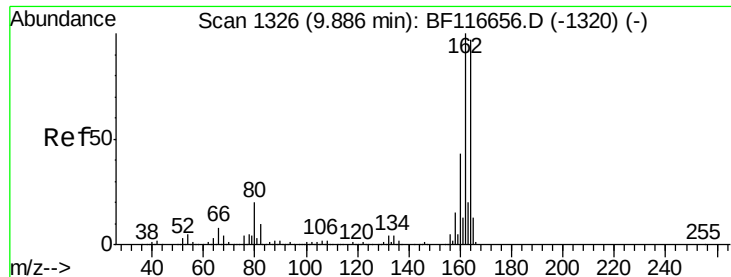
Tot Ion:136	Resp:	514656
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.6	4.8 7.2
68	6.2	4.0 6.0#



#23
Nitrobenzene-d5
Concen: 60.274 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116786.D
Acq: 3 Sep 2019 21:26

Tgt Ion: 82	Resp:	543380
Ion Ratio	Lower	Upper
82	100	
128	43.1	32.8 49.2
54	40.2	36.9 55.3

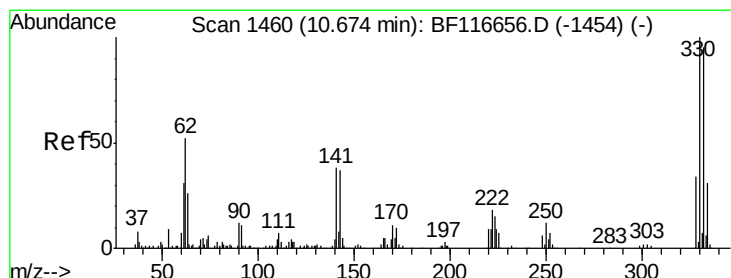
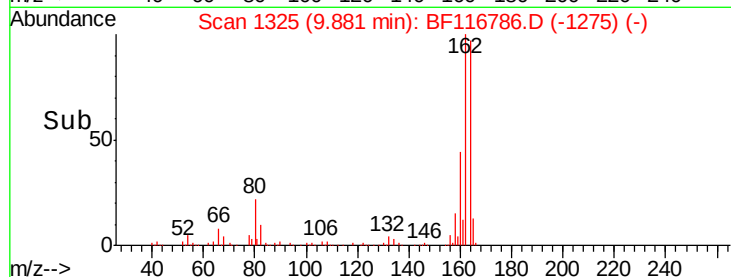
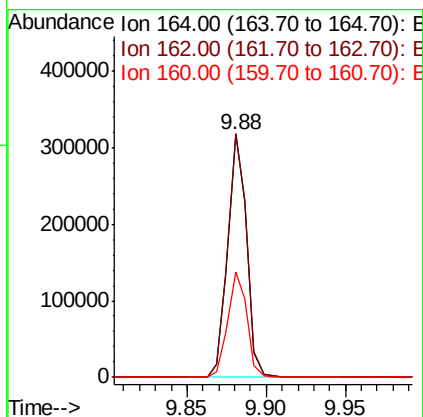
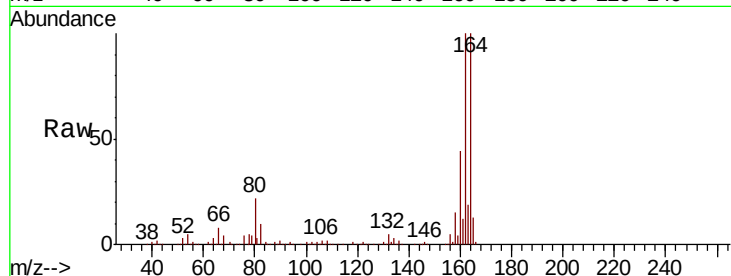




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116786.D
Acq: 3 Sep 2019 21:26

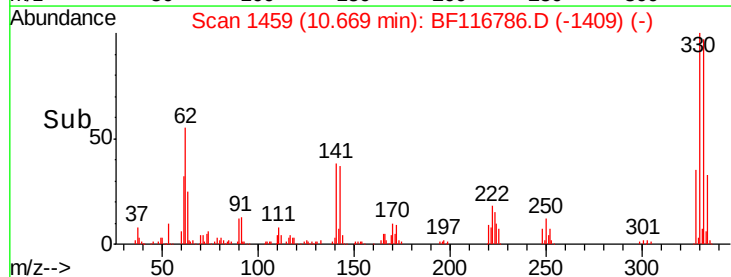
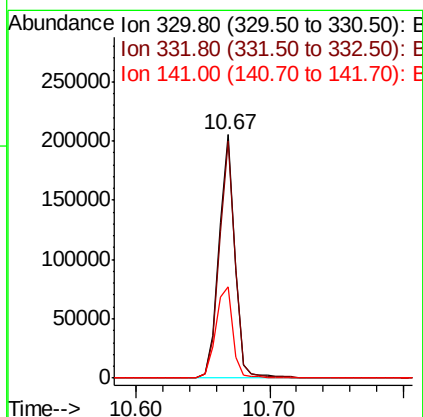
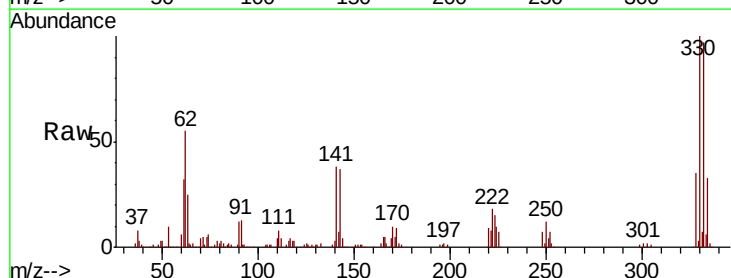
Instrument :
BNA_F
ClientSampleId :
SB-02-20-22

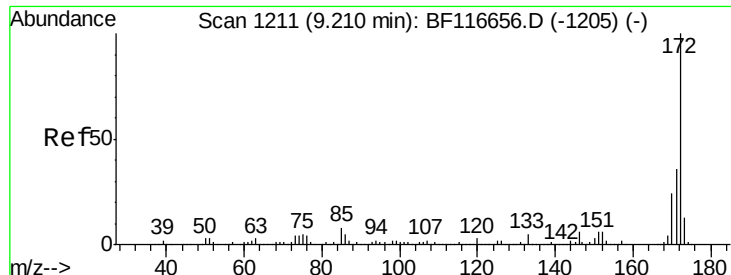
Tot Ion:164 Resp: 260975
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 43.5 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 99.950 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116786.D
Acq: 3 Sep 2019 21:26

Tgt Ion:330 Resp: 174380
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 40.9 31.4 47.2

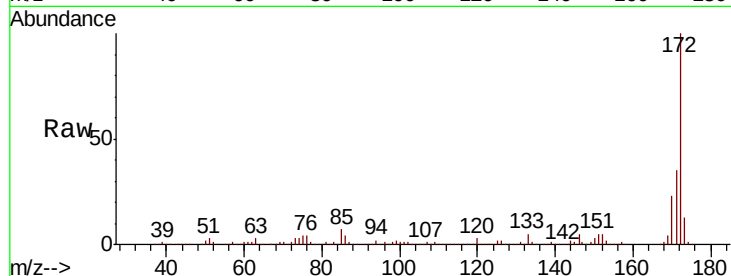




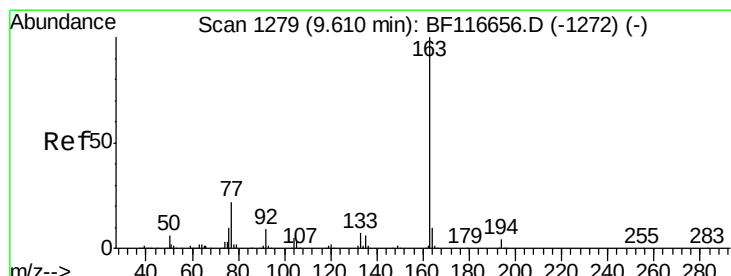
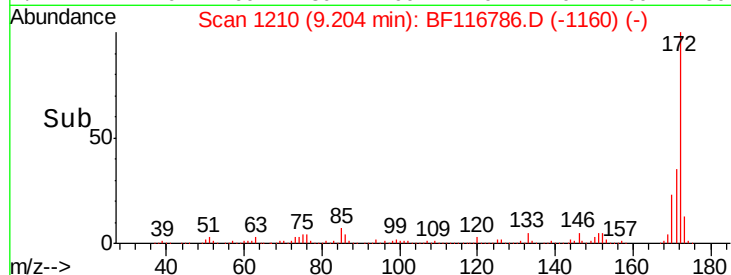
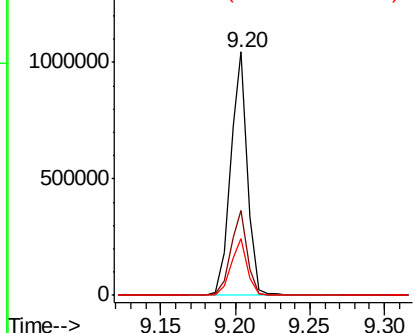
#45
2-Fluorobiphenyl
Concen: 53.939 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116786.D
Acq: 3 Sep 2019 21:26

Instrument :
BNA_F
ClientSampled :
SB-02-20-22

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.5	18.9	28.3

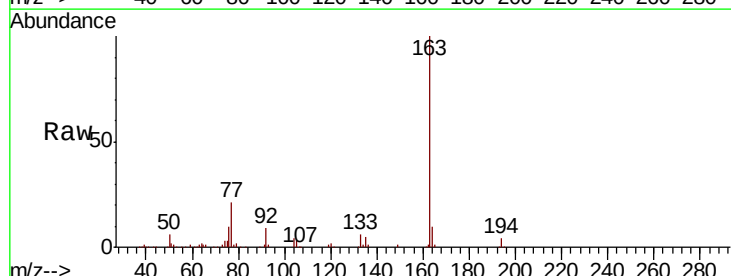


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

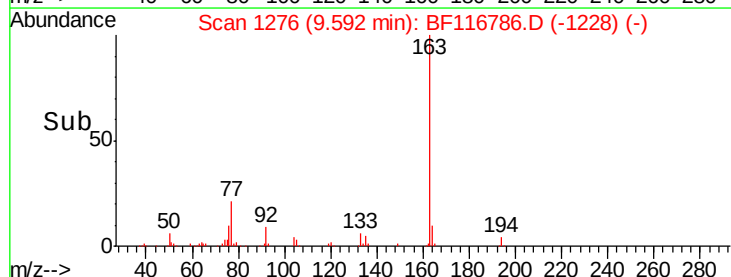
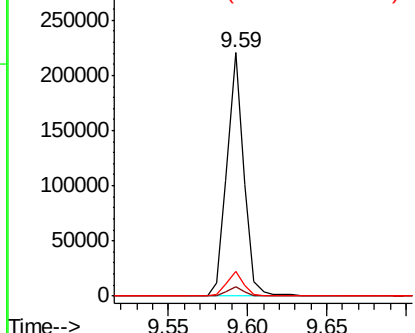


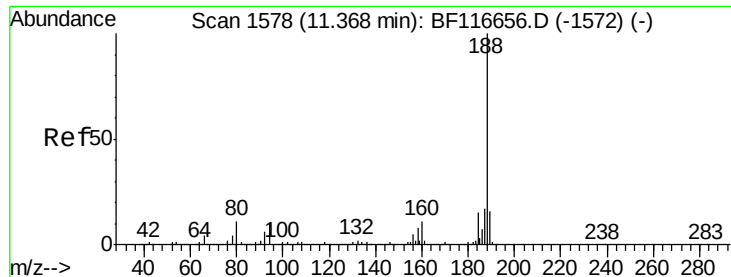
#50
Dimethylphthalate
Concen: 9.032 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116786.D
Acq: 3 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	10.2	8.6	12.8



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116786.D

Acq: 3 Sep 2019 21:26

Instrument :

BNA_F

ClientSampleId :

SB-02-20-22

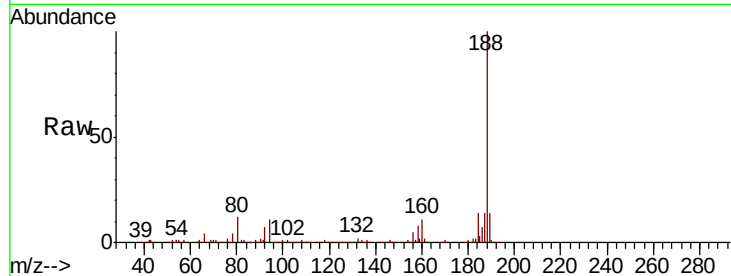
Tot Ion:188 Resp: 403465

Ion Ratio Lower Upper

188 100

94 11.2 7.3 10.9#

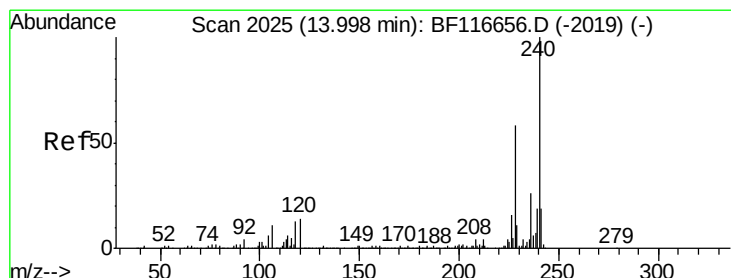
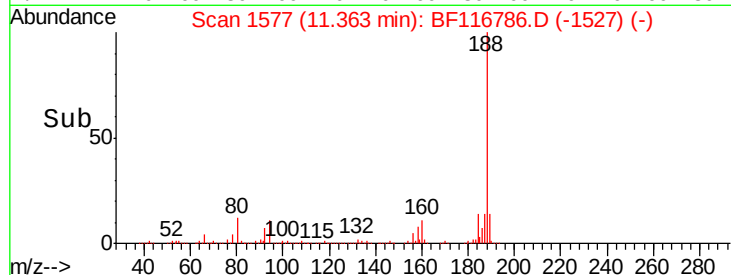
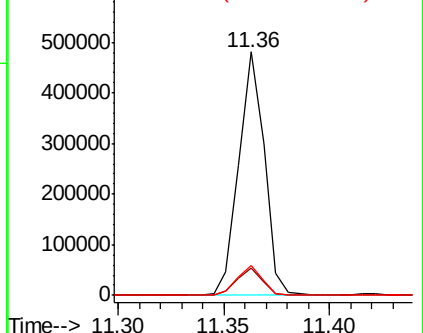
80 12.4 8.4 12.6



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: BF116786.D

Acq: 3 Sep 2019 21:26

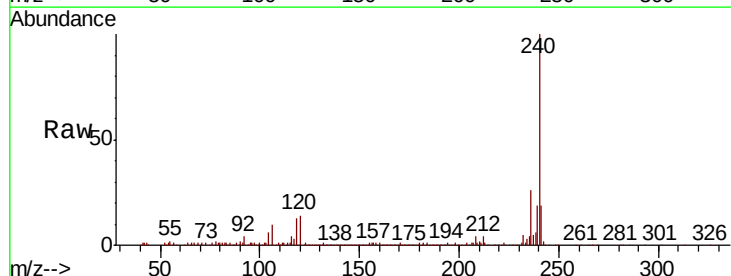
Tgt Ion:240 Resp: 288243

Ion Ratio Lower Upper

240 100

120 14.4 9.1 13.7#

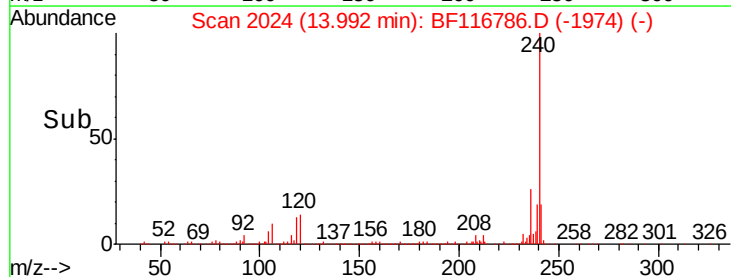
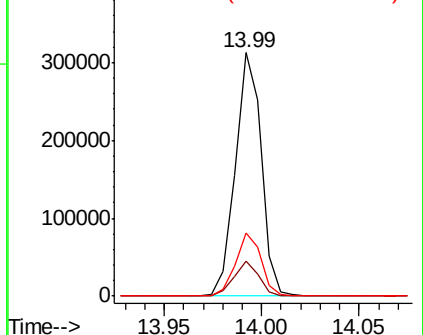
236 25.9 21.1 31.7

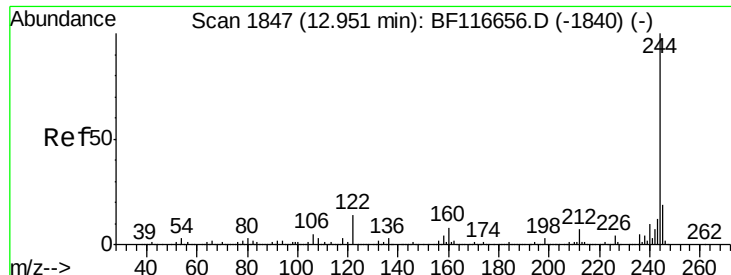


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

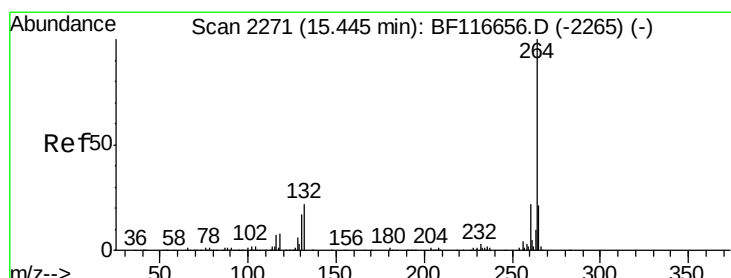
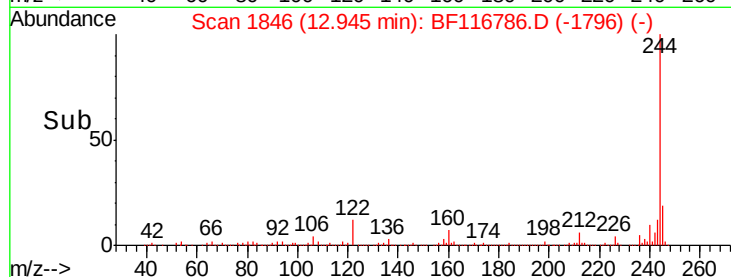
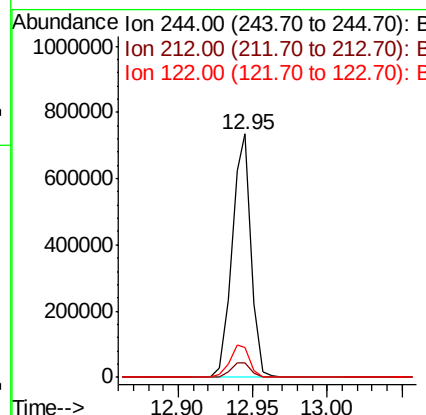
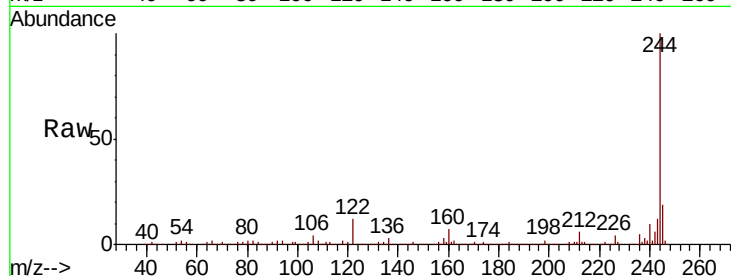




#79
 Terphenyl-d14
 Concen: 42.395 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116786.D
 Acq: 3 Sep 2019 21:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-20-22

Tot Ion:244 Resp: 660568
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.1 9.1
 122 12.1 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF116786.D
 Acq: 3 Sep 2019 21:26

Tgt Ion:264 Resp: 299420
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 20.7 16.5 24.7

