

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116083.D
 Acq On : 8 Aug 2019 22:31
 Operator : HP/JU
 Sample : K4130-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-F1-F4-COMP-(0-1)

Quant Time: Aug 09 16:30:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	128467	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	507453	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	279223	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	525236	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	476520	20.00	ng	-0.01
87) Perylene-d12	15.46	264	455461	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	890293	116.01	ng	0.00
7) Phenol-d6	6.47	99	1044441	107.87	ng	-0.01
23) Nitrobenzene-d5	7.40	82	823504	93.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	392491	144.98	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1434301	96.22	ng	-0.01
79) Terphenyl-d14	12.94	244	1862316	82.35	ng	0.00

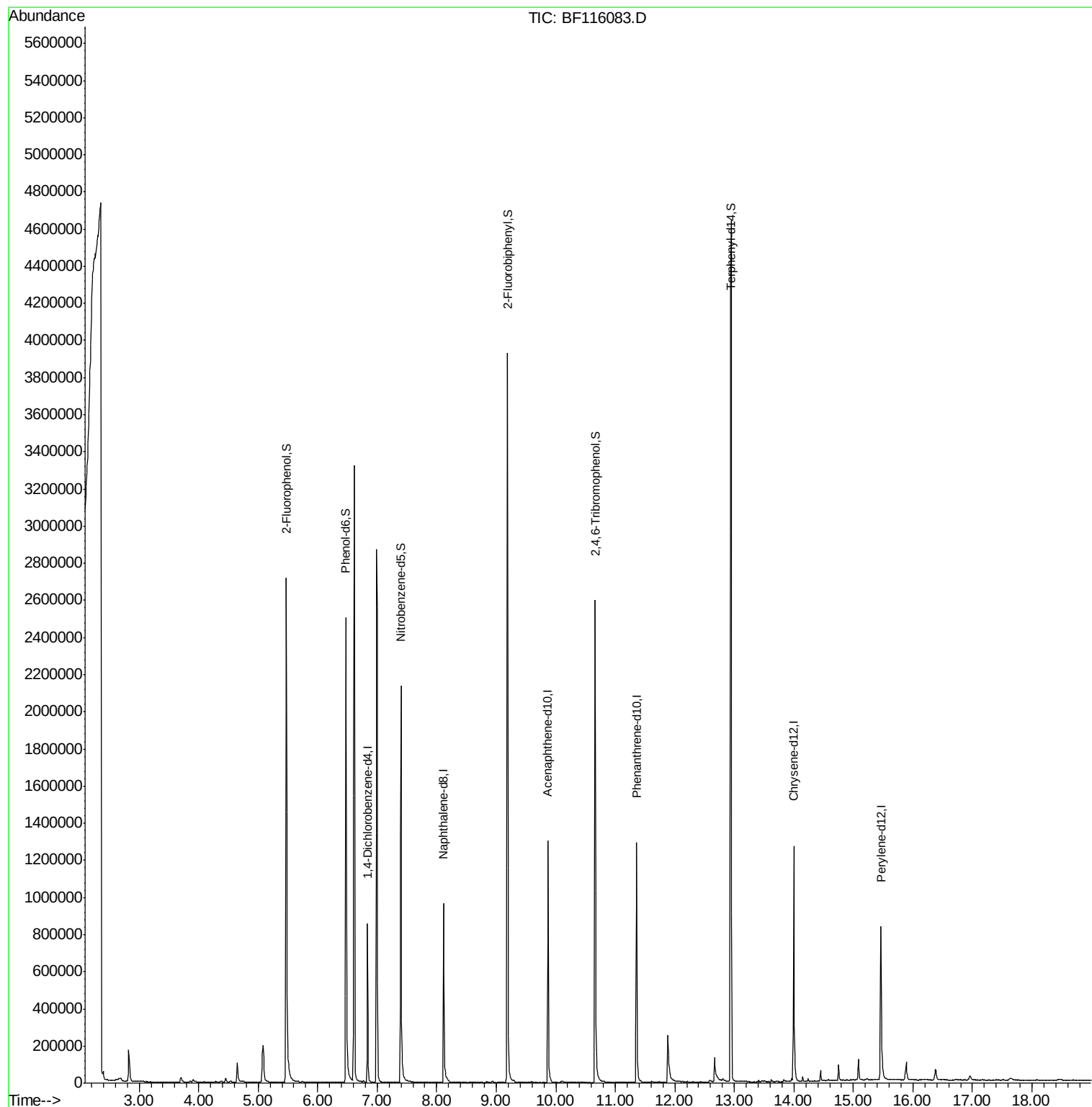
Target Compounds Qvalue

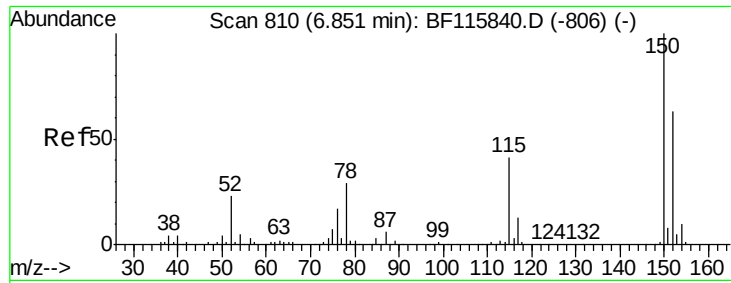
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

Instrument :

BNA_F

ClientSampleId :

1S-F1-F4-COMP-(0-1)

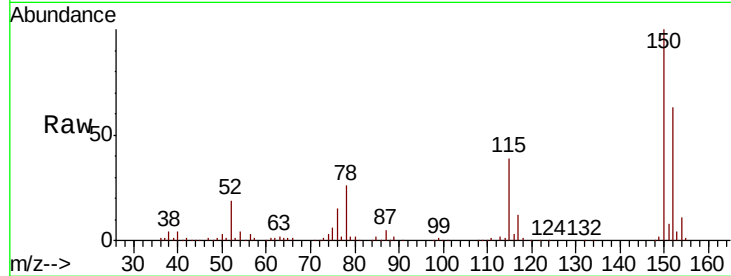
Tot Ion:152 Resp: 128467

Ion Ratio Lower Upper

152 100

150 158.1 126.2 189.2

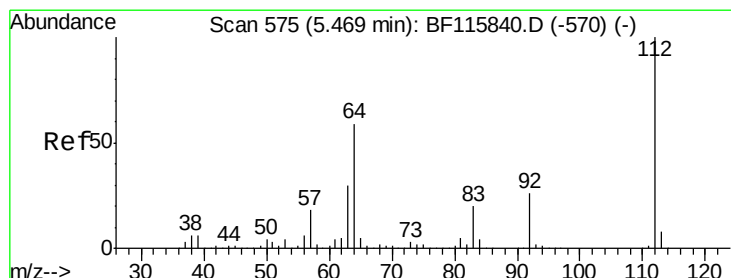
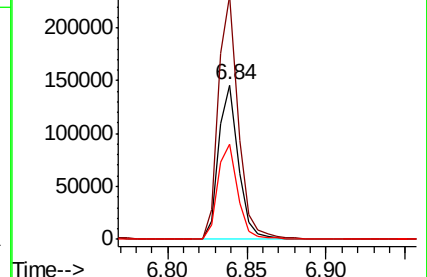
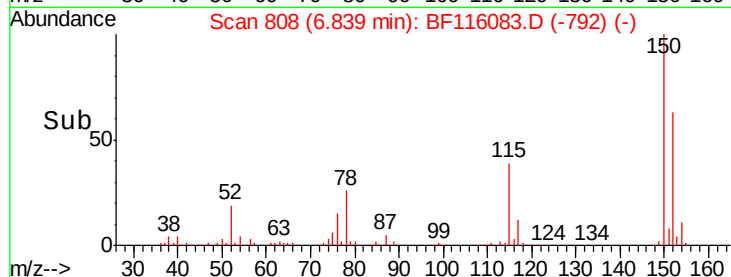
115 61.4 49.9 74.9



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: 116.015 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

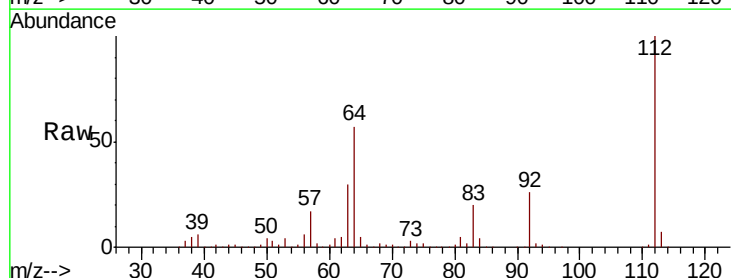
Tgt Ion:112 Resp: 890293

Ion Ratio Lower Upper

112 100

64 57.0 45.4 68.2

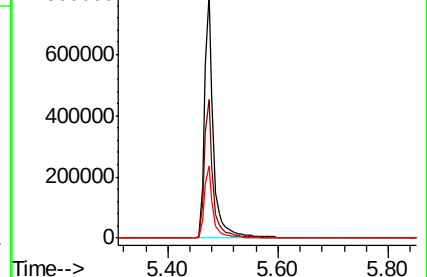
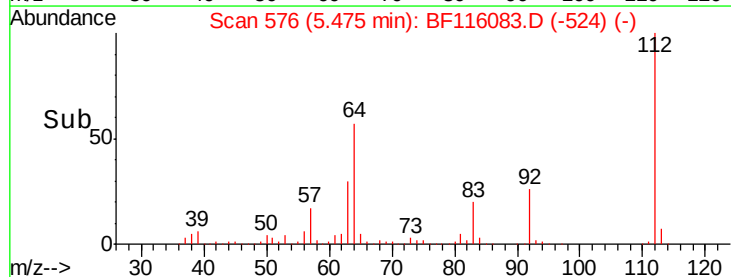
63 29.6 23.7 35.5

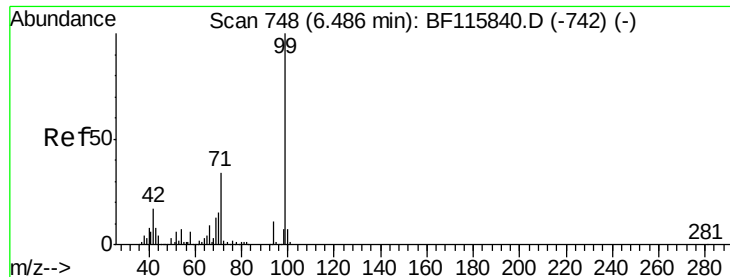


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 107.874 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

Instrument :

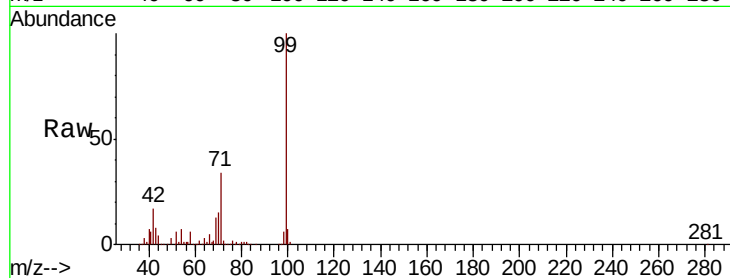
BNA_F

ClientSampleId :

1S-F1-F4-COMP-(0-1)

Tot Ion: 99 Resp: 1044441

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.8
71	34.4	27.3	40.9

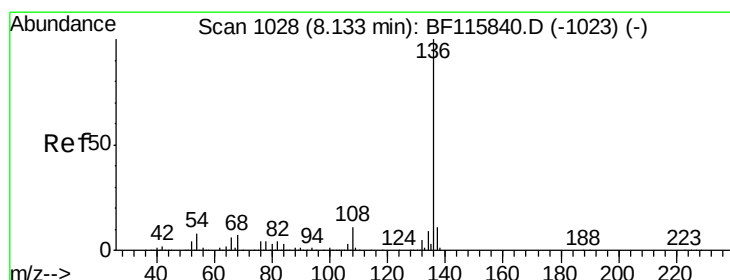
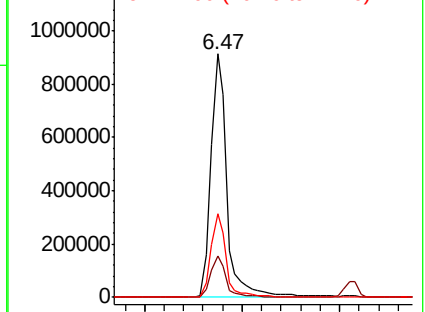
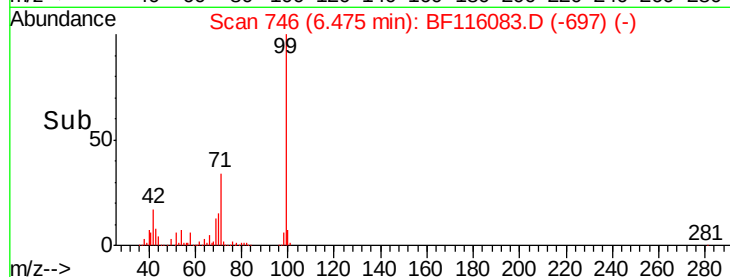


Abundance

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: 8.12 min Scan# 1025

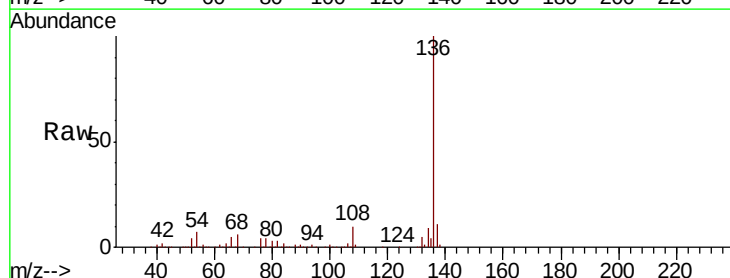
Delta R.T. -0.01 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

Tgt Ion: 136 Resp: 507453

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.0	5.8	8.6
68	6.5	5.2	7.8



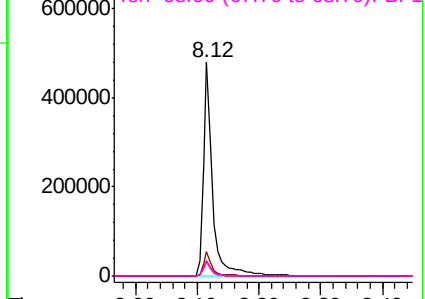
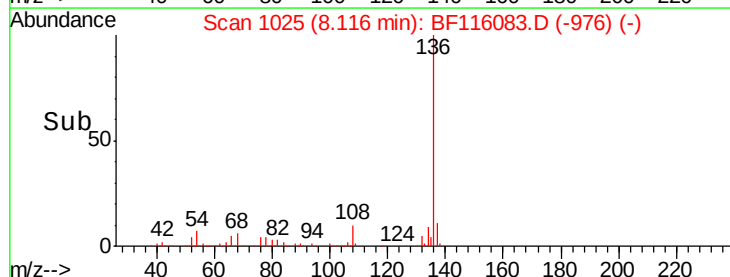
Abundance

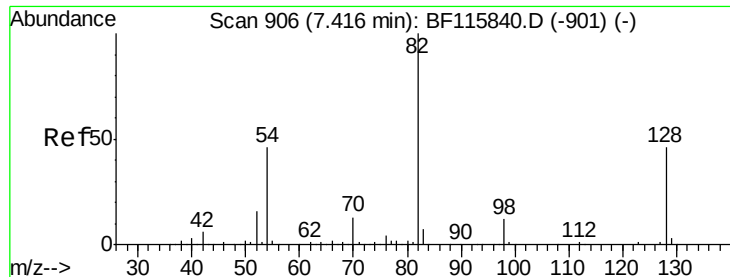
Ion 136.00 (135.70 to 136.70): E

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

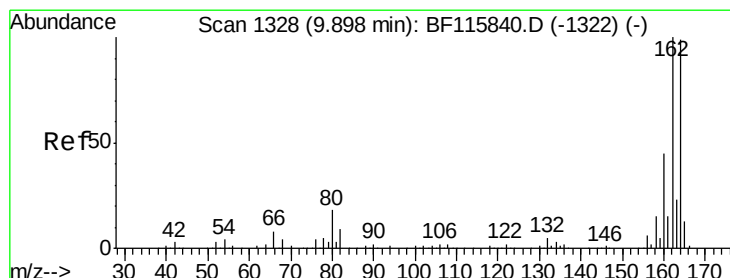
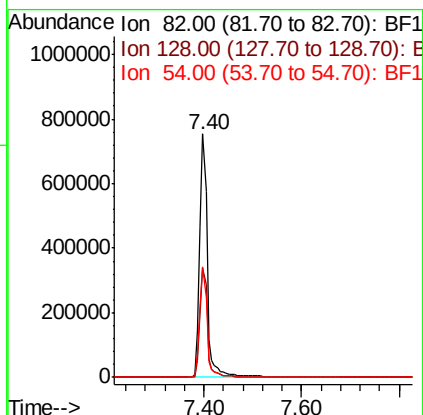
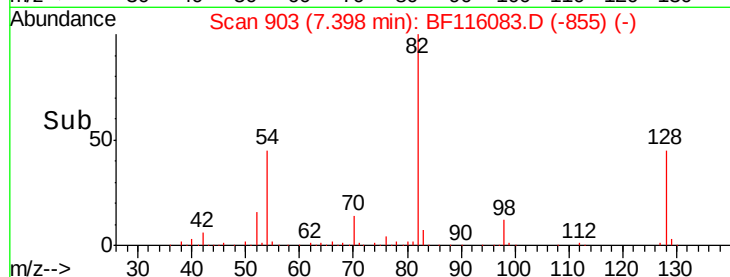
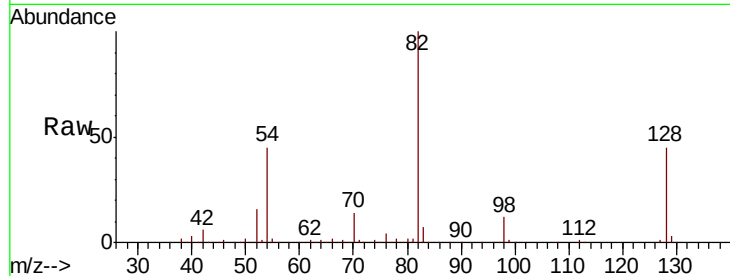




#23
 Nitrobenzene-d5
 Concen: 93.674 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116083.D
 Acq: 8 Aug 2019 22:31

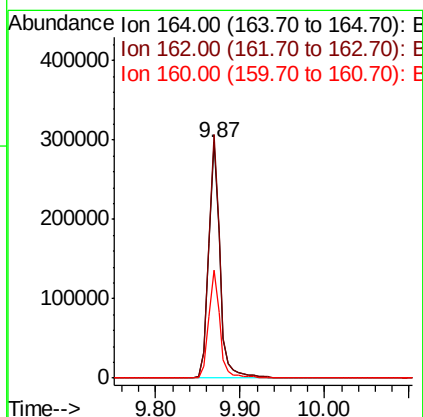
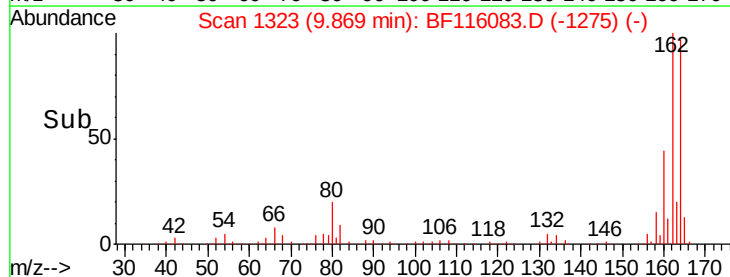
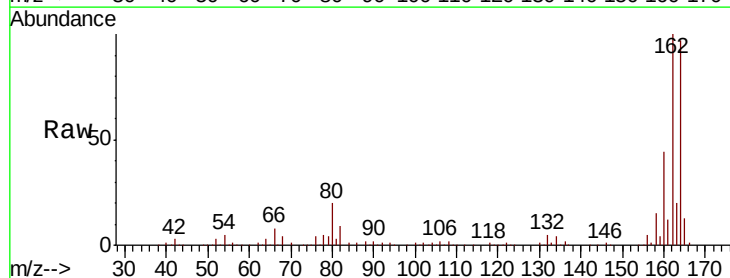
Instrument :
 BNA_F
 ClientSampleId :
 1S-F1-F4-COMP-(0-1)

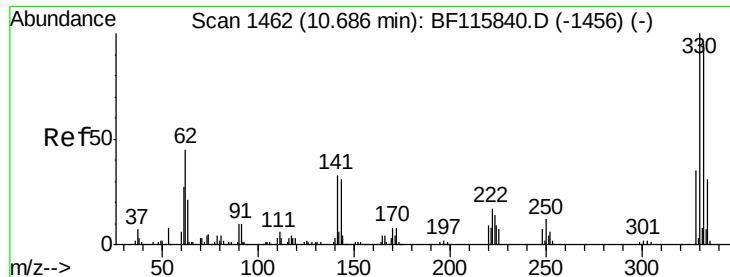
Tot Ion: 82 Resp: 823504
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.5 54.7
 54 45.2 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116083.D
 Acq: 8 Aug 2019 22:31

Tgt Ion:164 Resp: 279223
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 124.0
 160 45.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 144.983 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

Instrument :

BNA_F

ClientSampleId :

1S-F1-F4-COMP-(0-1)

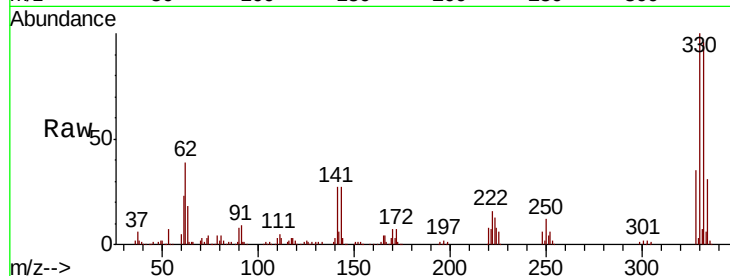
Tot Ion:330 Resp: 392491

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 31.9 26.3 39.5

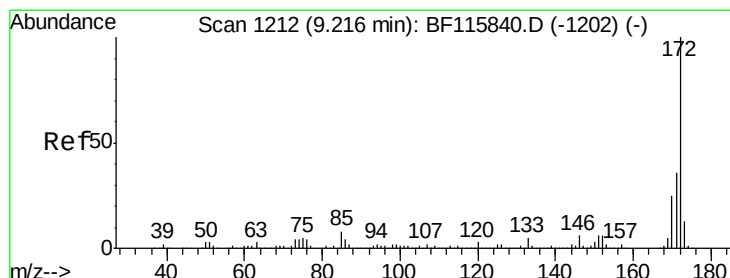
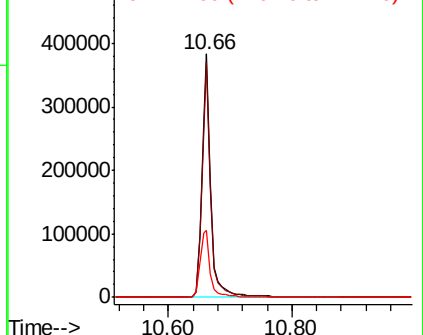
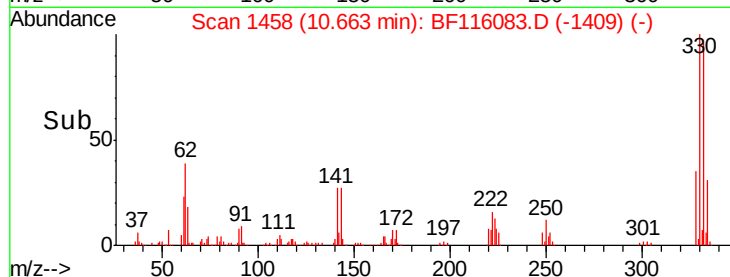


Abundance

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: 96.215 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

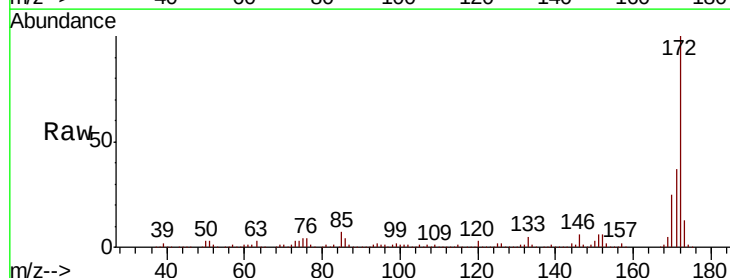
Tgt Ion:172 Resp: 1434301

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

170 24.7 20.1 30.1

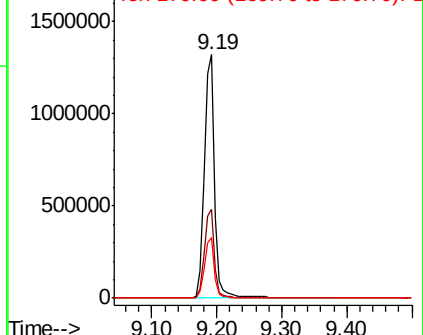
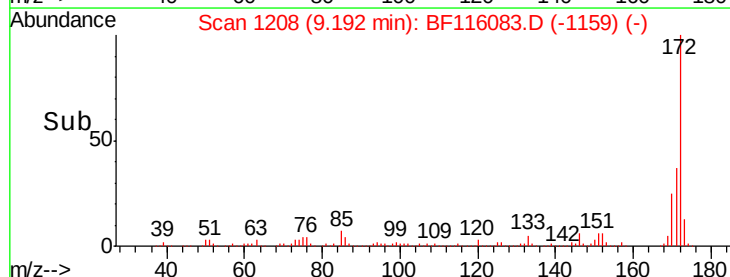


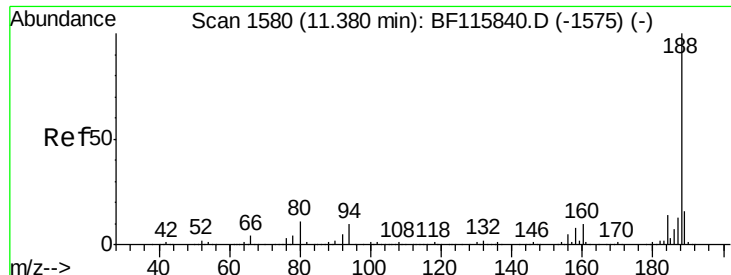
Abundance

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

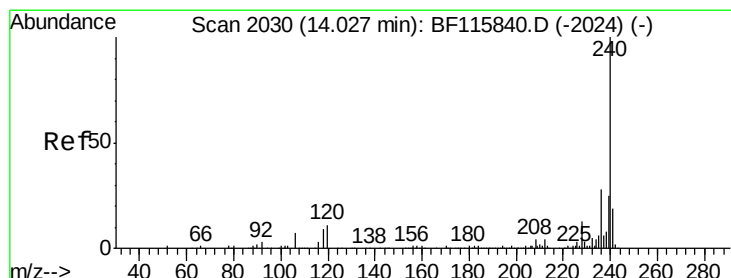
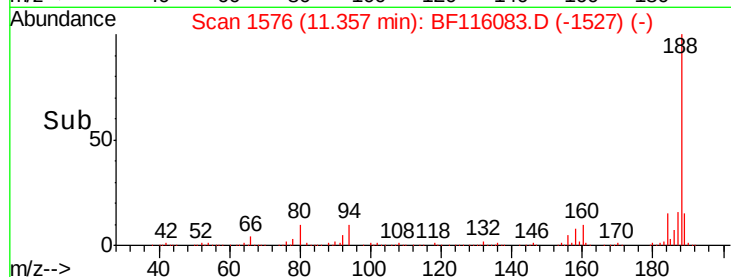
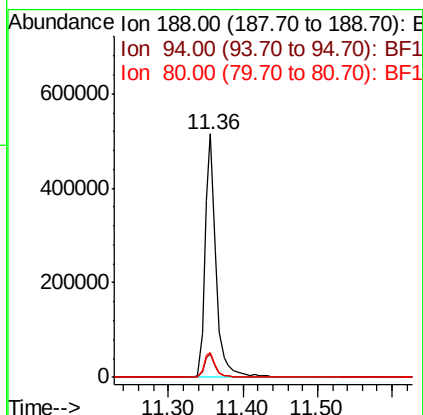
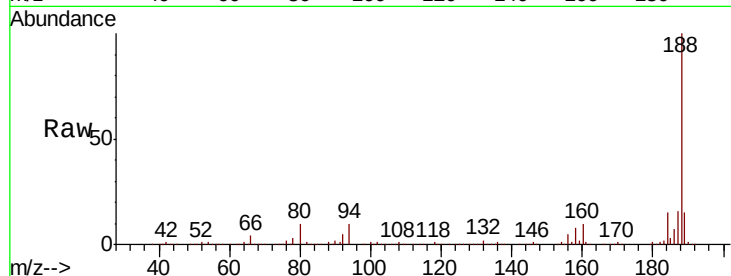




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116083.D
Acq: 8 Aug 2019 22:31

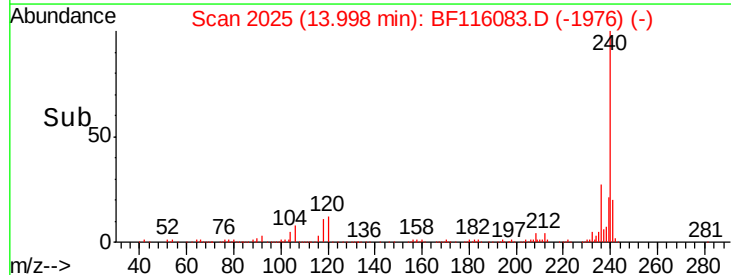
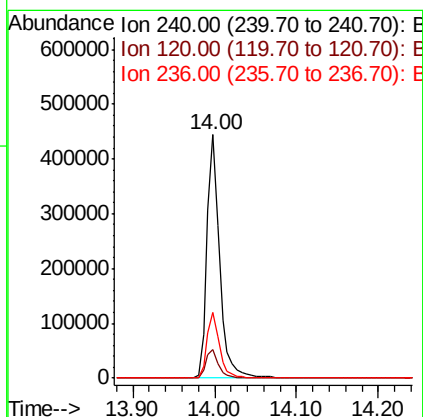
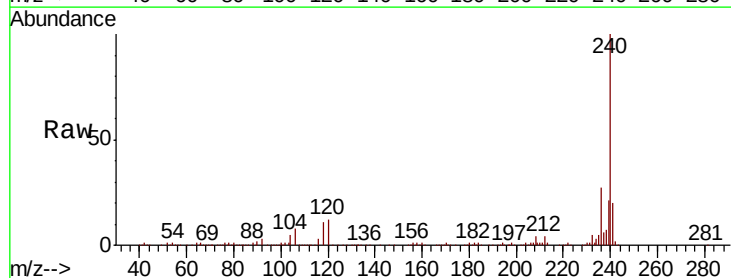
Instrument :
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1S-F1-F4-COMP-(0-1)

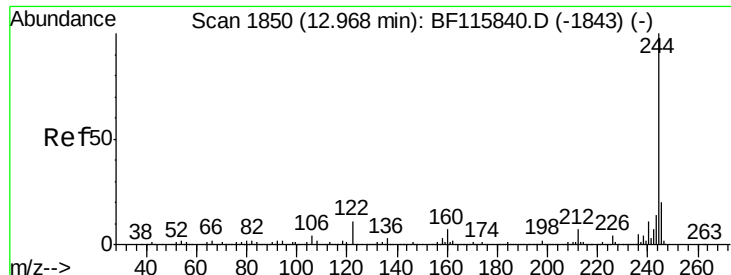
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	10.3	8.7	13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116083.D
Acq: 8 Aug 2019 22:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.7	16.1
236	27.0	22.2	33.2



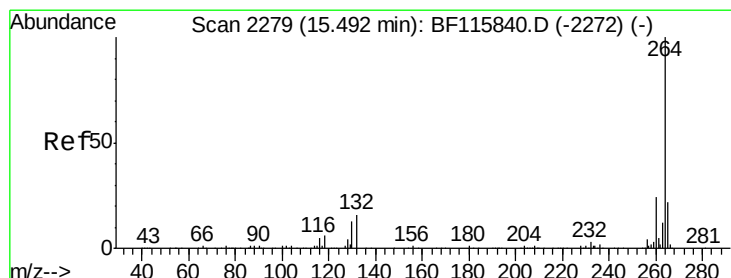
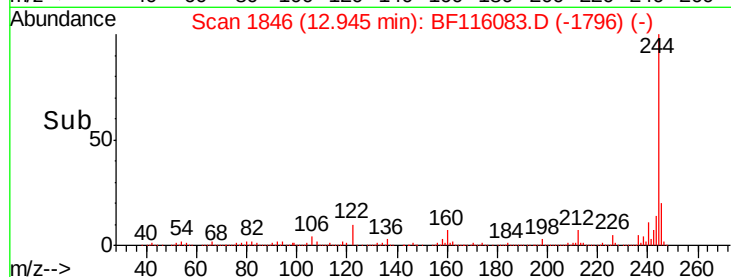
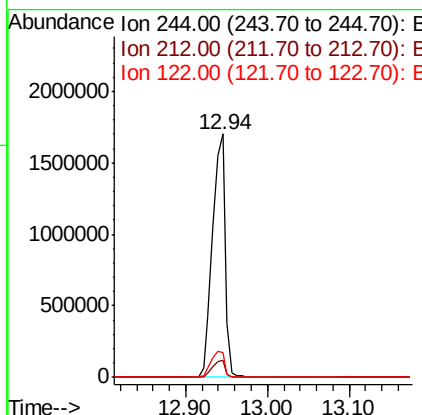
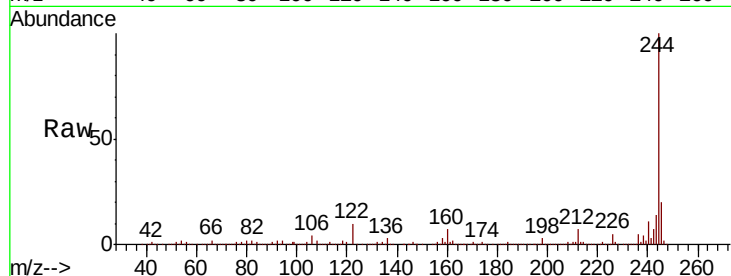


#79
 Terphenyl-d14
 Concen: 82.351 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116083.D
 Acq: 8 Aug 2019 22:31

Instrument :
 BNA_F
 ClientSampleId :
 1S-F1-F4-COMP-(0-1)

Tot Ion:244 Resp: 1862316

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.3	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116083.D
 Acq: 8 Aug 2019 22:31

Tgt Ion:264 Resp: 455461

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.0	17.4	26.0

