

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115919.D
 Acq On : 1 Aug 2019 21:02
 Operator : HP/JU
 Sample : K4074-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-12_072919

Quant Time: Aug 02 06:53:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153067	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	588075	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	315362	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	549936	20.00	ng	0.00
76) Chrysene-d12	14.02	240	413587	20.00	ng	0.00
87) Perylene-d12	15.49	264	454438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1050309	114.87	ng	0.02
7) Phenol-d6	6.49	99	1238544	107.36	ng	0.00
23) Nitrobenzene-d5	7.42	82	963377	94.56	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	410185	134.16	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1659960	98.59	ng	0.00
79) Terphenyl-d14	12.97	244	1783311	90.86	ng	0.00

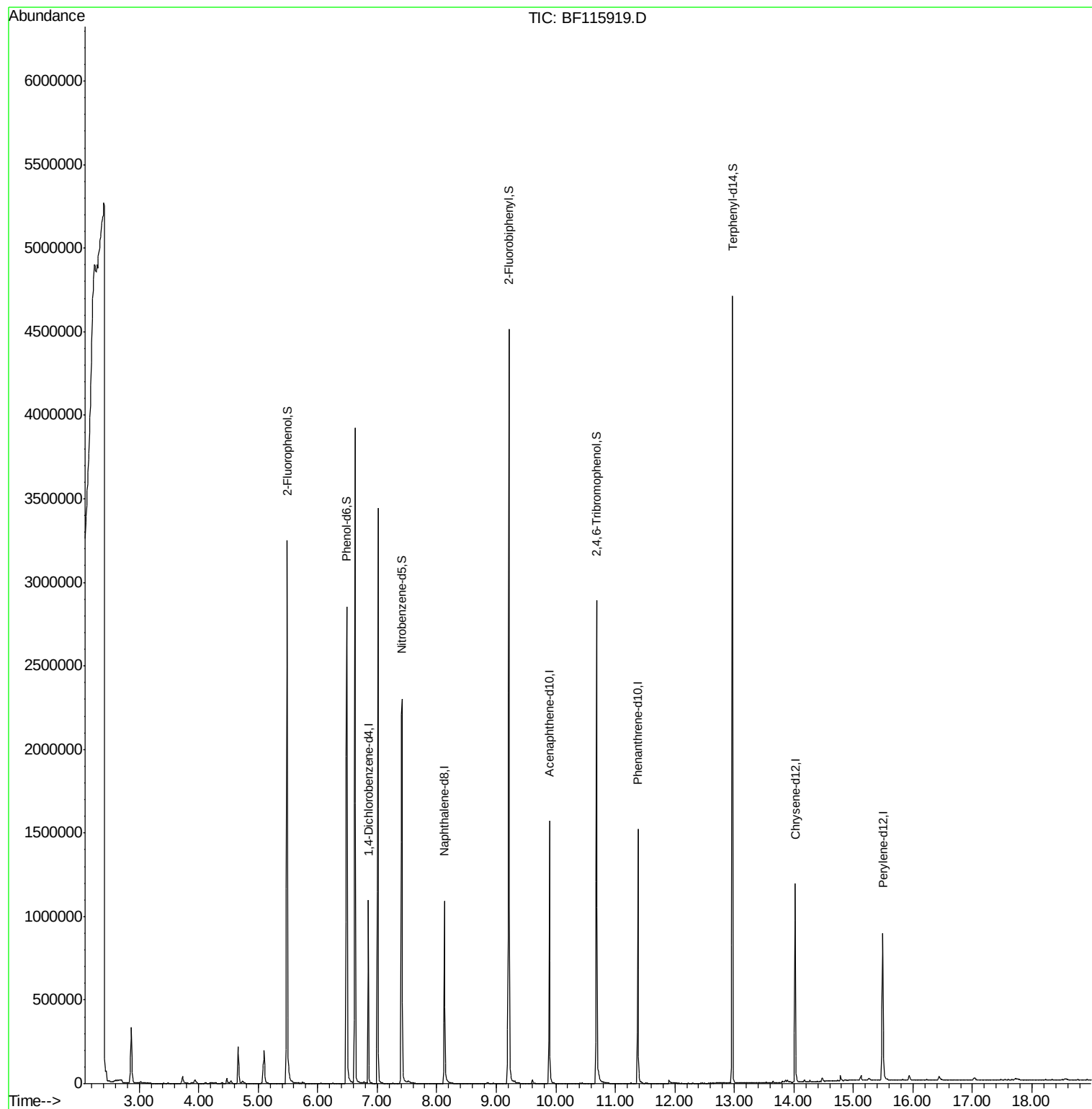
Target Compounds Qvalue

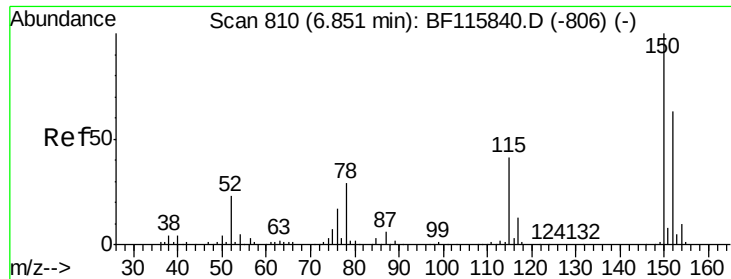
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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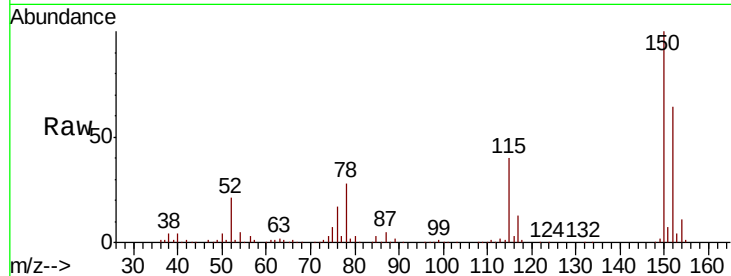


#1

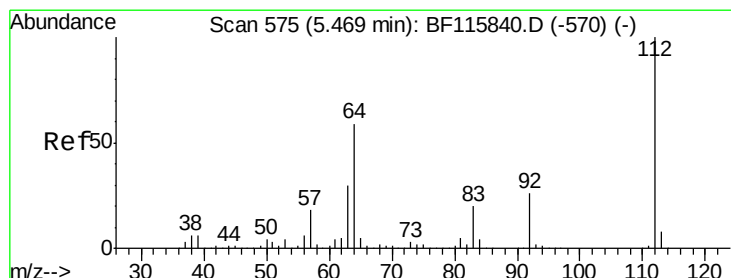
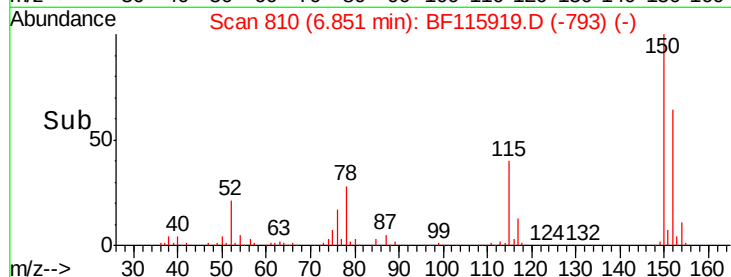
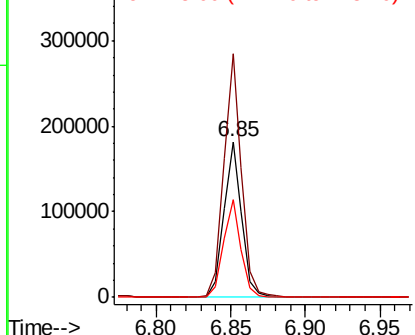
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115919.D
 Acq: 1 Aug 2019 21:02

Instrument :
 BNA_F
 ClientSampleId :
 SS-12_072919

Tot Ion:152 Resp: 153067
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.4 191.0
 115 62.5 51.8 77.8



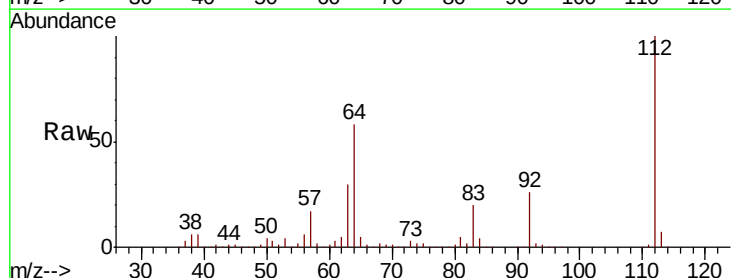
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



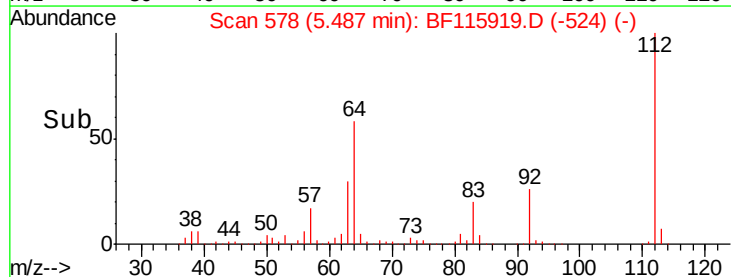
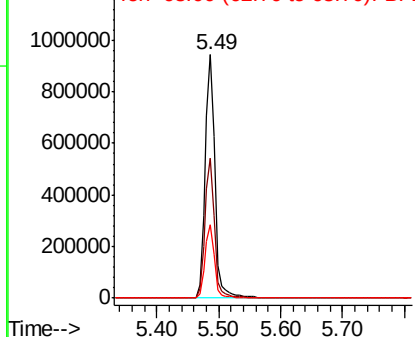
#5

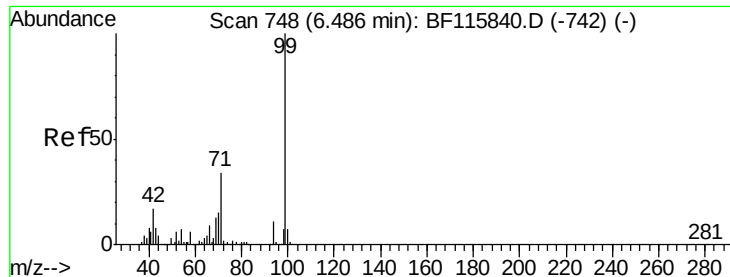
2-Fluorophenol
 Concen: 114.870 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF115919.D
 Acq: 1 Aug 2019 21:02

Tgt Ion:112 Resp: 1050309
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.8 70.2
 63 30.1 24.2 36.2



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: 107.363 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115919.D

Acq: 1 Aug 2019 21:02

Instrument :

BNA_F

ClientSampleId :

SS-12_072919

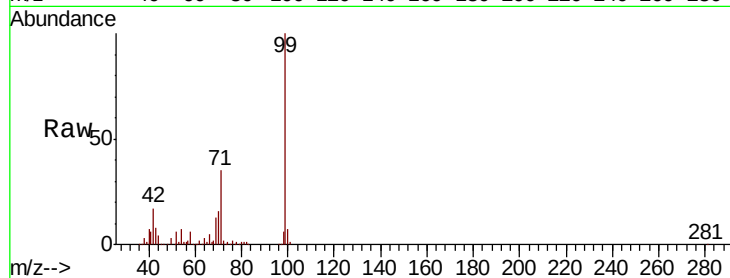
Tot Ion: 99 Resp: 1238544

Ion Ratio Lower Upper

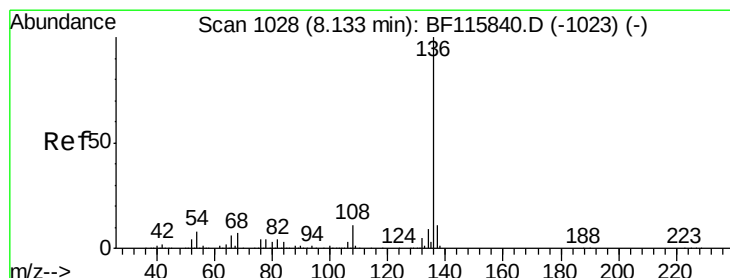
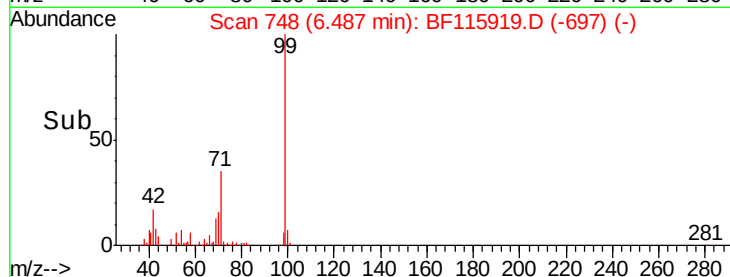
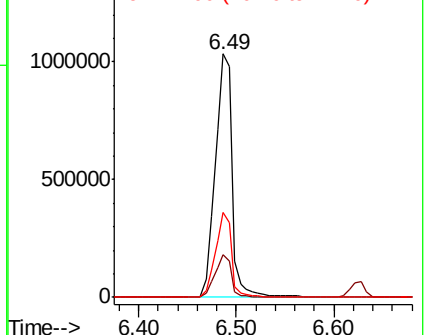
99 100

42 17.4 13.8 20.6

71 34.8 27.1 40.7



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: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115919.D

Acq: 1 Aug 2019 21:02

Tgt Ion: 136 Resp: 588075

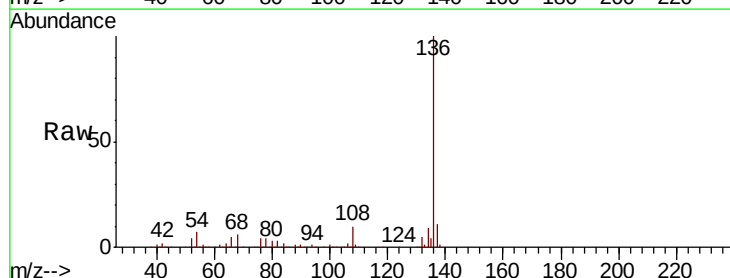
Ion Ratio Lower Upper

136 100

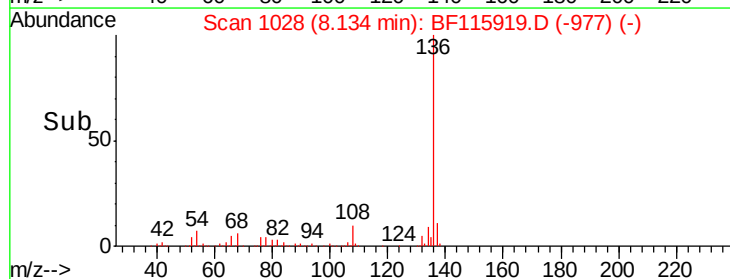
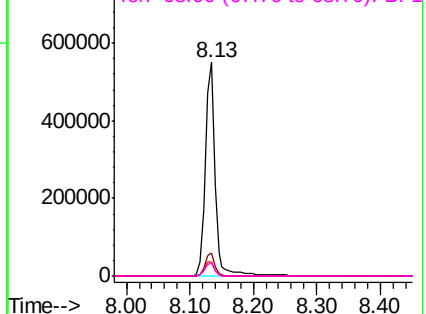
137 10.9 9.1 13.7

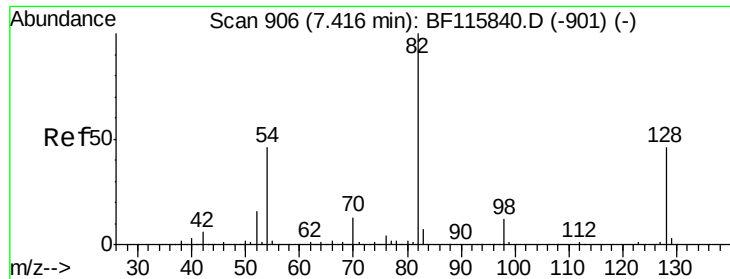
54 6.7 6.1 9.1

68 6.0 5.4 8.2



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

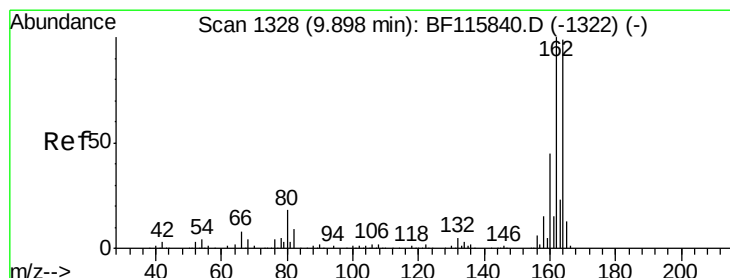
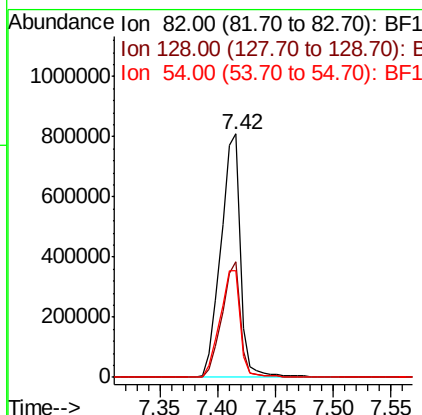
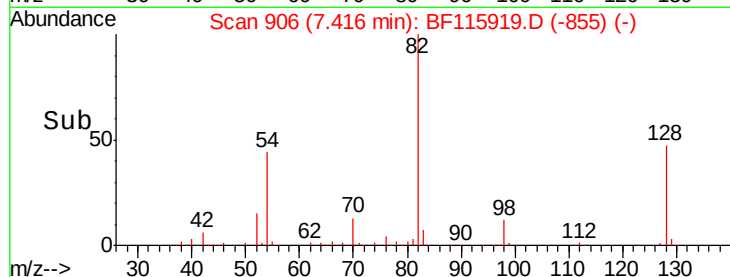
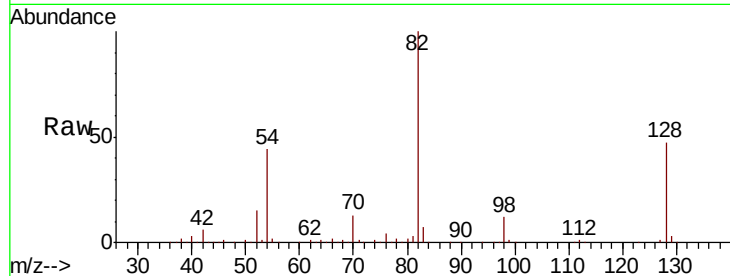




#23
 Nitrobenzene-d5
 Concen: 94.561 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115919.D
 Acq: 1 Aug 2019 21:02

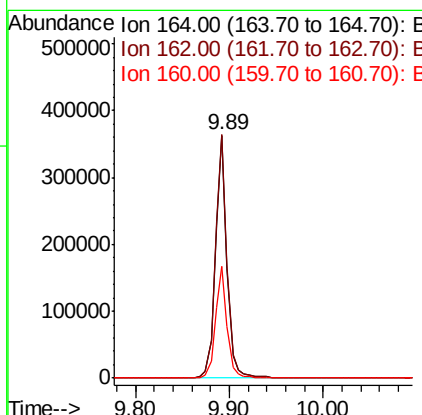
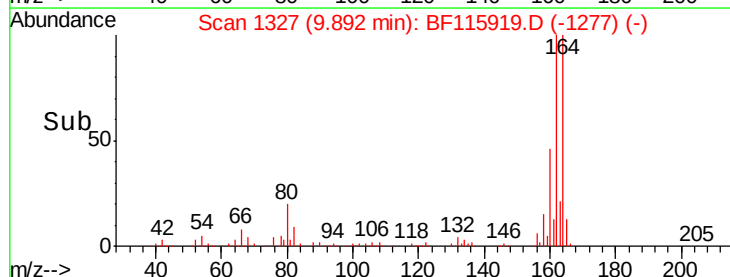
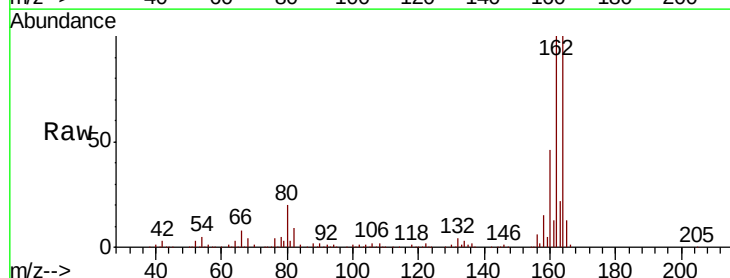
Instrument :
 BNA_F
 ClientSampleId :
 SS-12_072919

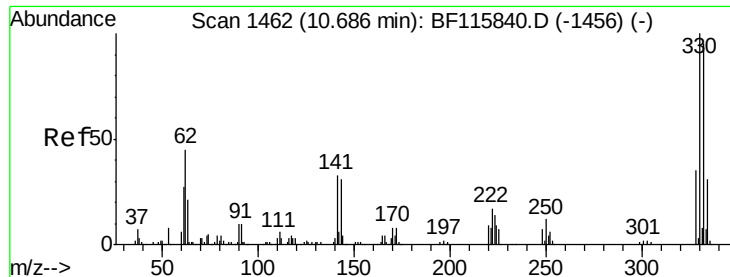
Tot Ion: 82 Resp: 963377
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.6 55.0
 54 43.8 36.6 55.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115919.D
 Acq: 1 Aug 2019 21:02

Tgt Ion:164 Resp: 315362
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.8 121.2
 160 45.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 134.156 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115919.D

Acq: 1 Aug 2019 21:02

Instrument :

BNA_F

ClientSampleId :

SS-12_072919

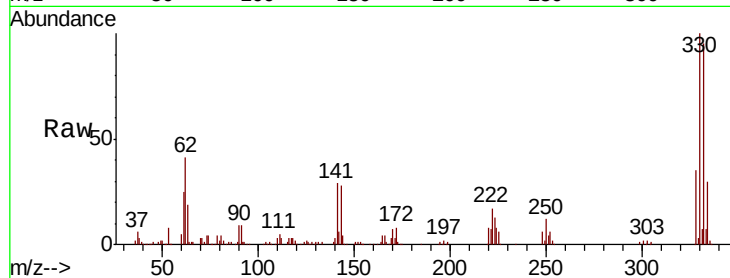
Tot Ion:330 Resp: 410185

Ion Ratio Lower Upper

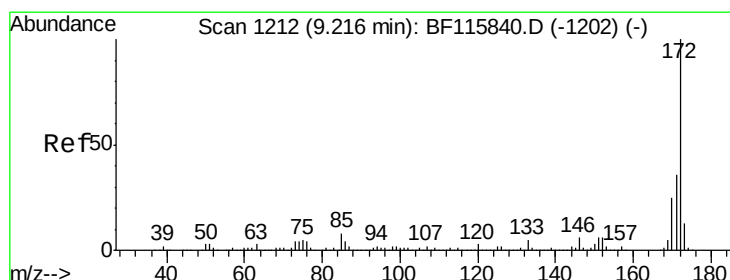
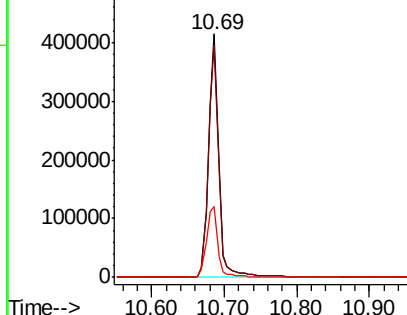
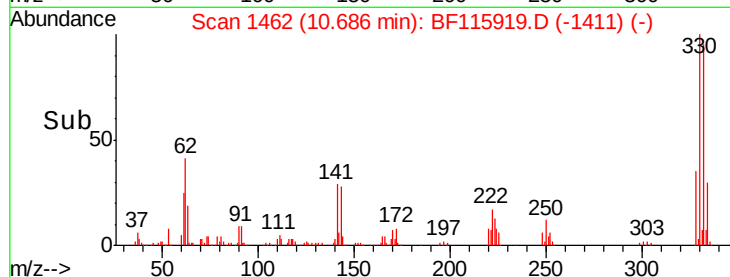
330 100

332 97.0 77.7 116.5

141 33.2 28.1 42.1



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: 98.592 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115919.D

Acq: 1 Aug 2019 21:02

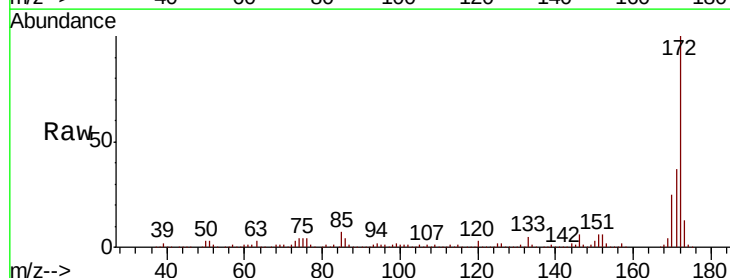
Tgt Ion:172 Resp: 1659960

Ion Ratio Lower Upper

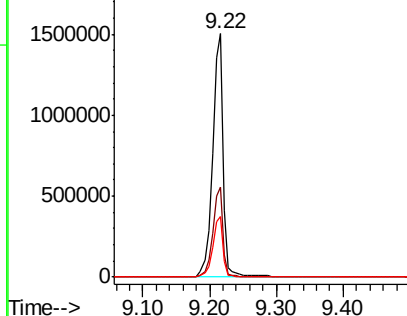
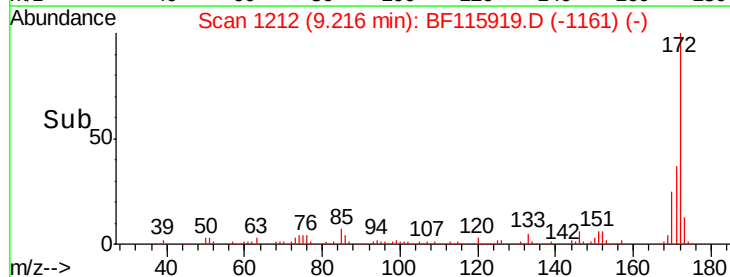
172 100

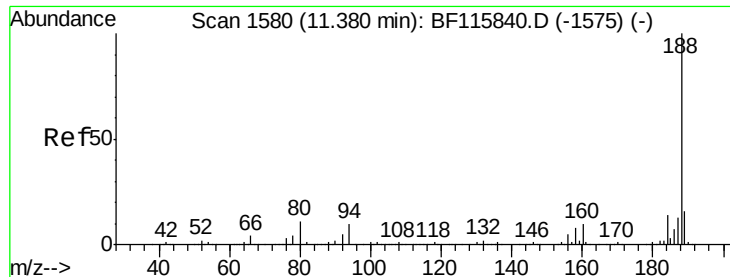
171 36.8 29.1 43.7

170 25.1 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

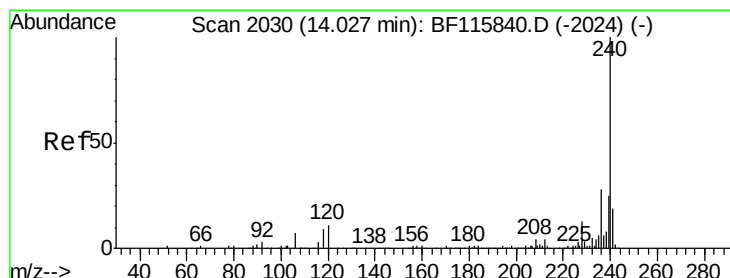
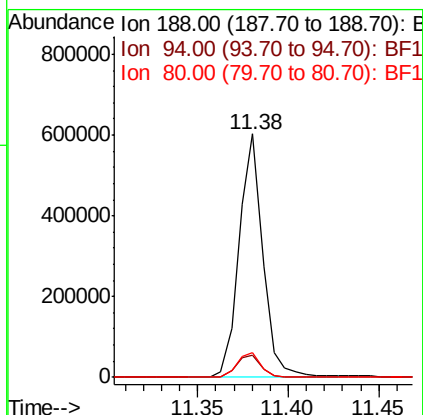
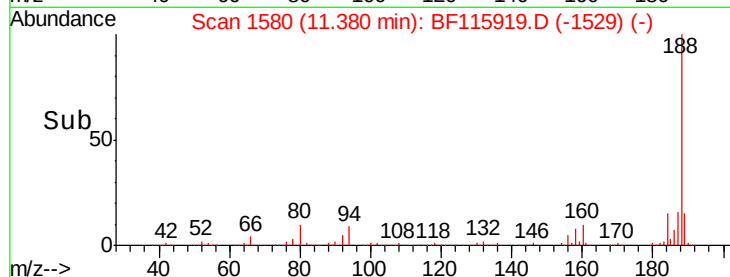
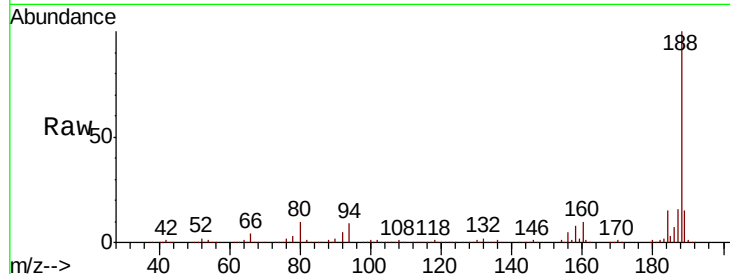




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115919.D
Acq: 1 Aug 2019 21:02

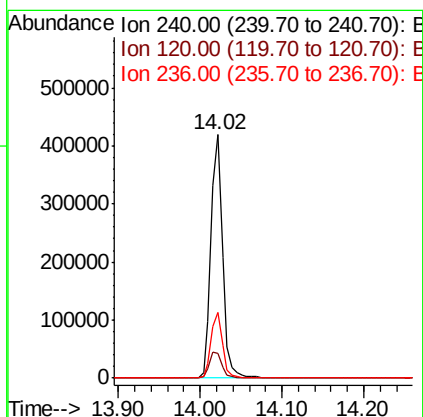
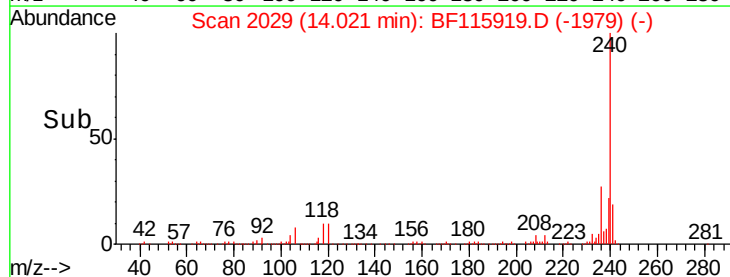
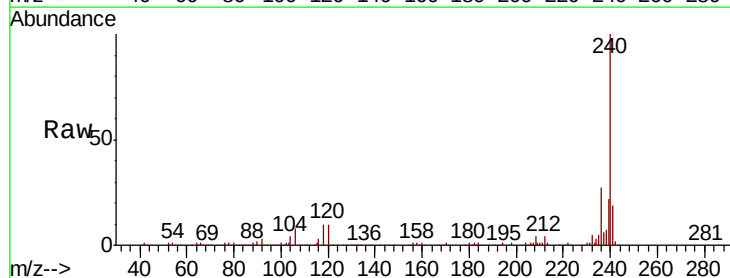
Instrument :
BNA_F
ClientSampleId :
SS-12_072919

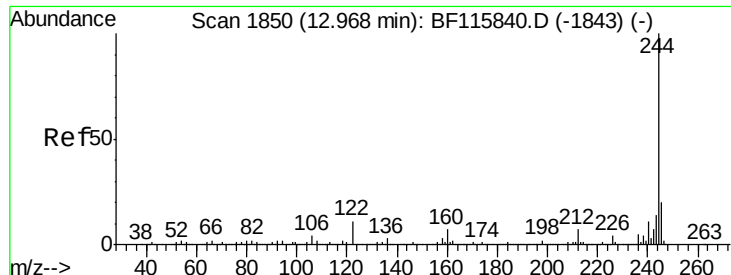
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	10.0	8.6	12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115919.D
Acq: 1 Aug 2019 21:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.5	12.7
236	27.0	22.2	33.2





#79

Terphenyl-d14

Concen: 90.857 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115919.D

Acq: 1 Aug 2019 21:02

Instrument :

BNA_F

ClientSampleId :

SS-12_072919

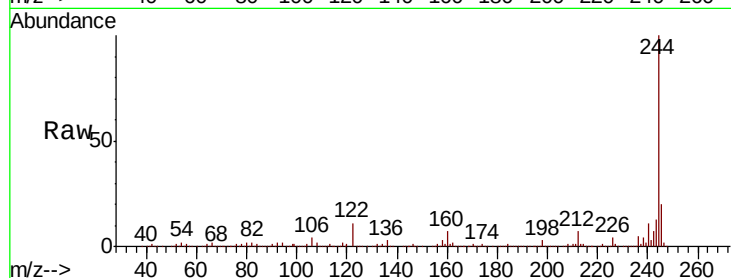
Tot Ion:244 Resp: 1783311

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

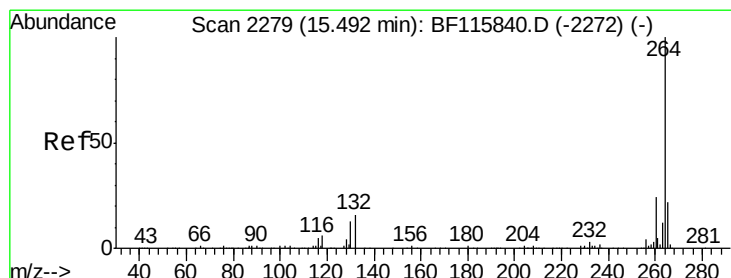
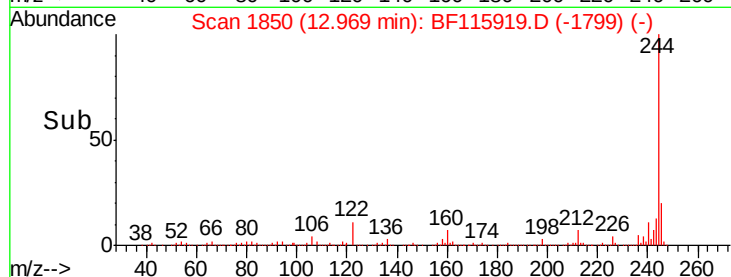
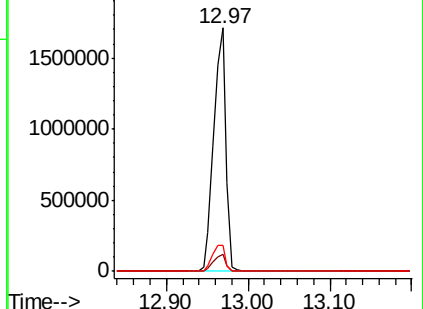
122 10.9 8.6 13.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF115919.D

Acq: 1 Aug 2019 21:02

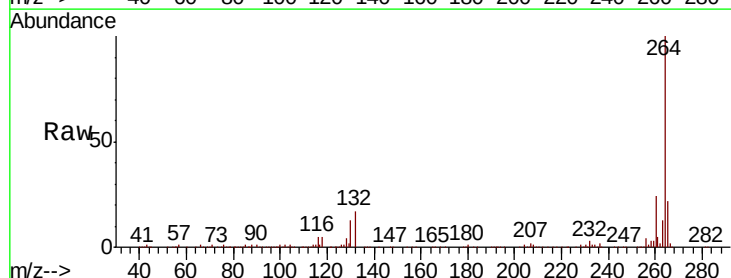
Tgt Ion:264 Resp: 454438

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

