

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115287.D
 Acq On : 28 Jun 2019 17:56
 Operator : HP/JU
 Sample : K3163-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-062719-A

Quant Time: Jun 29 05:22:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	239113	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	896329	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	448714	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	884822	20.00	ng	0.00
76) Chrysene-d12	13.71	240	745208	20.00	ng	0.00
87) Perylene-d12	15.07	264	755531	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1642588	106.01	ng	0.02
7) Phenol-d6	6.24	99	1870927	99.48	ng	0.00
23) Nitrobenzene-d5	7.16	82	1350974	92.72	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	677090	143.09	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2924920	110.72	ng	0.00
79) Terphenyl-d14	12.69	244	3567001	101.77	ng	0.00

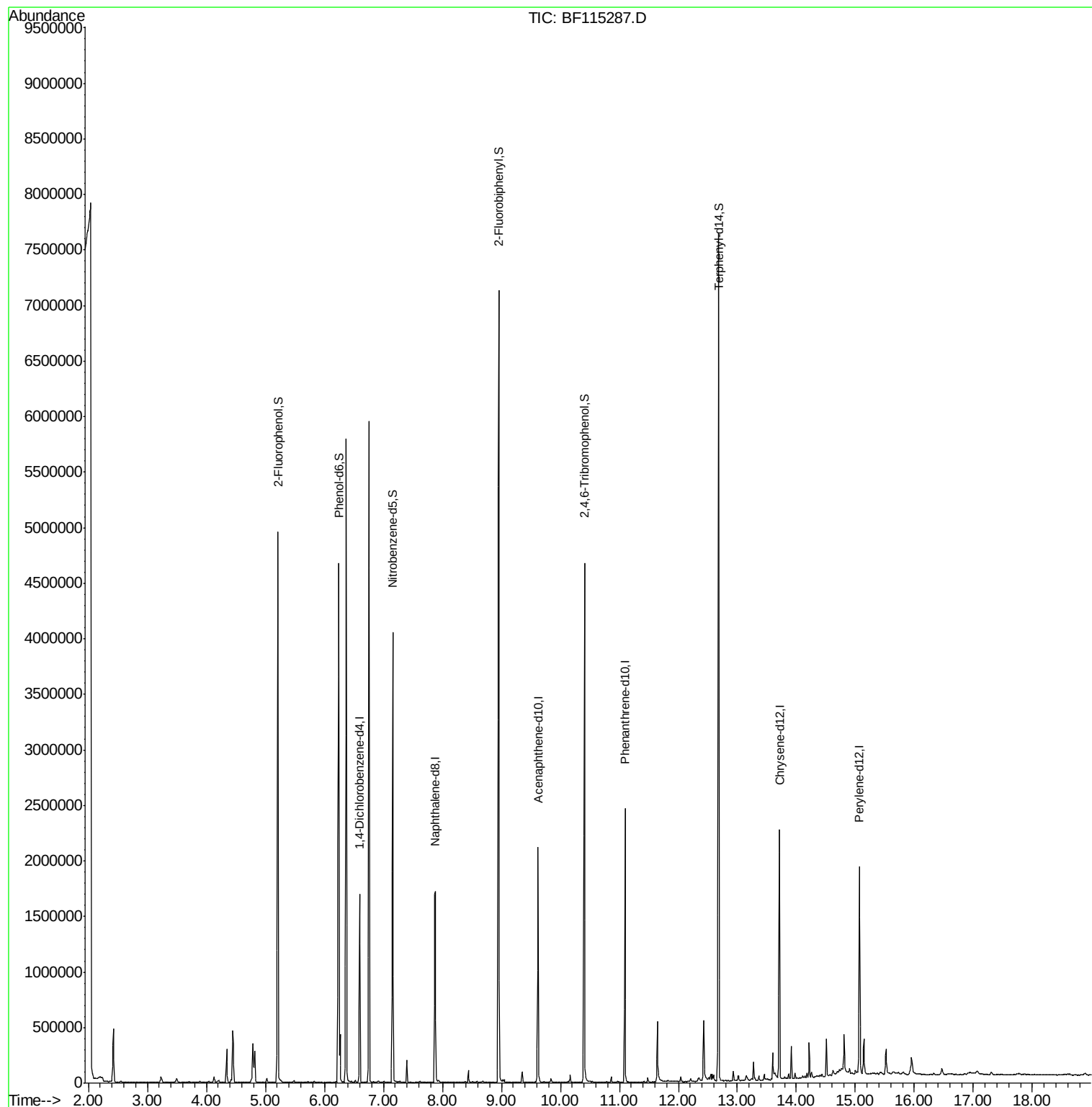
Target Compounds Qvalue

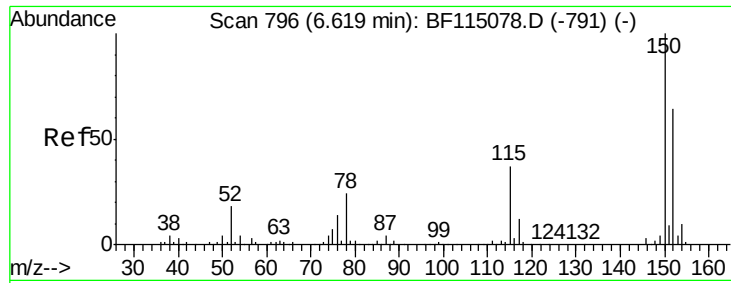
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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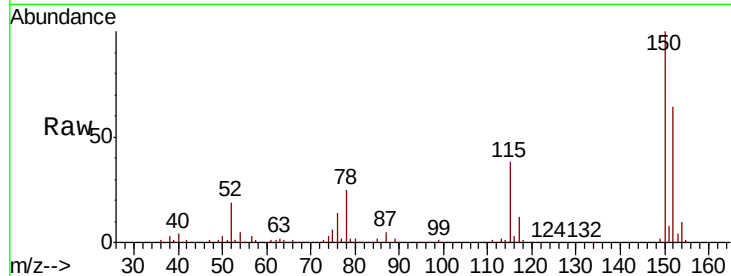


#1

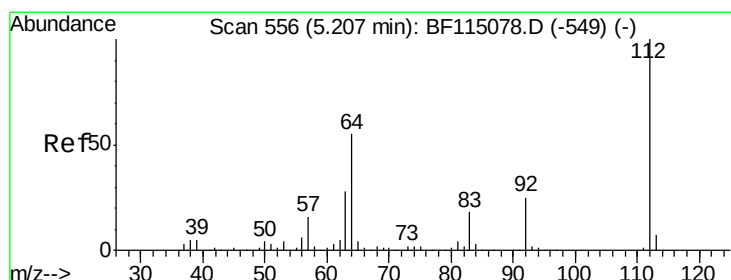
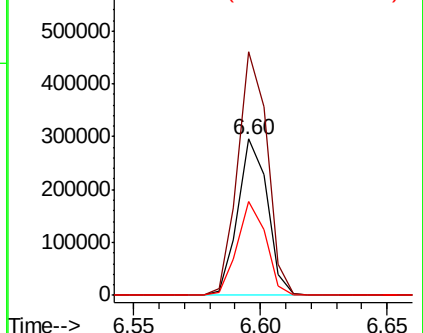
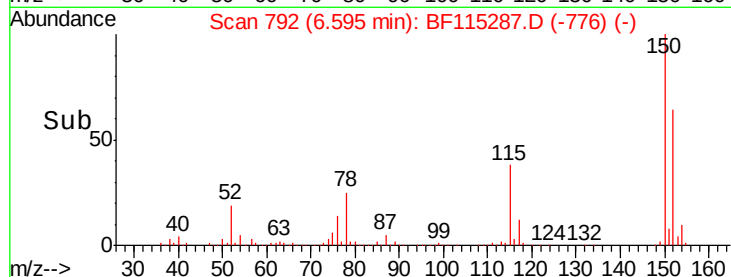
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115287.D
Acq: 28 Jun 2019 17:56

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tot Ion:152 Resp: 239113
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 60.0 46.1 69.1



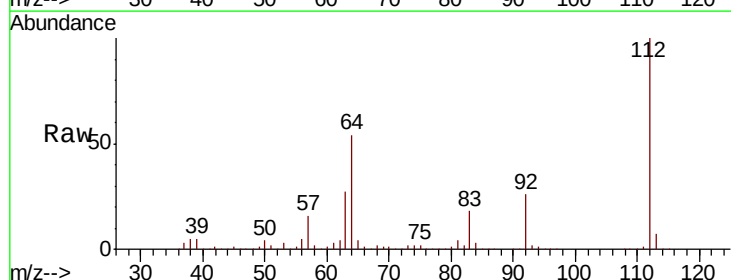
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



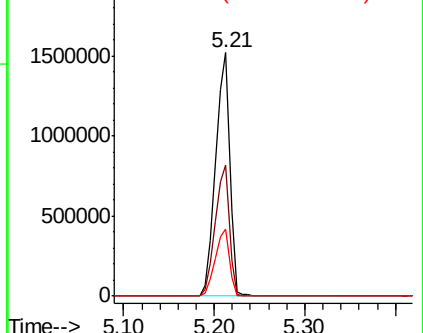
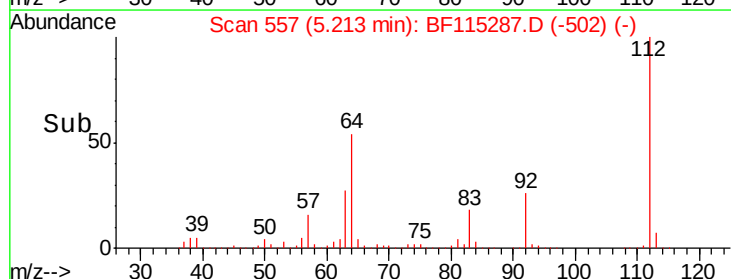
#5

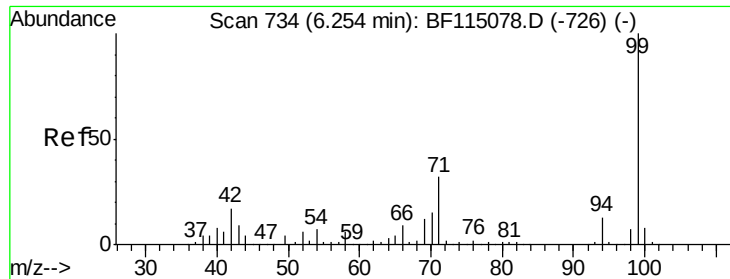
2-Fluorophenol
Concen: 106.008 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF115287.D
Acq: 28 Jun 2019 17:56

Tgt Ion:112 Resp: 1642588
Ion Ratio Lower Upper
112 100
64 53.6 43.8 65.6
63 27.4 22.2 33.4



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: 99.480 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Instrument :

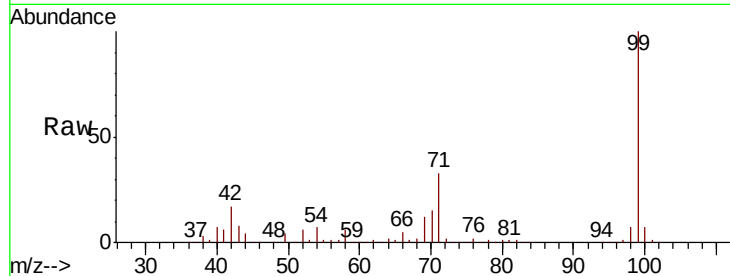
BNA_F

ClientSampleId :

SU-01-062719-A

Tot Ion: 99 Resp: 1870927

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	33.0	25.5	38.3

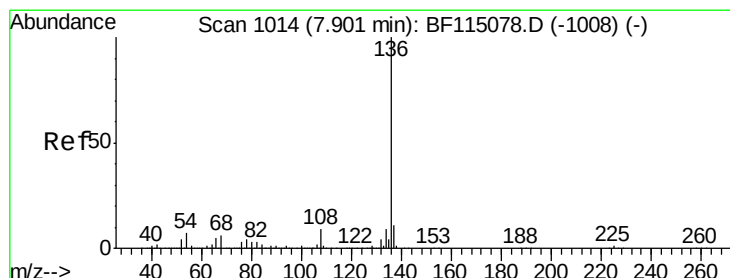
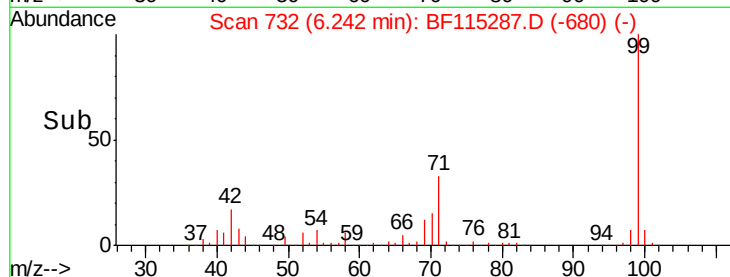
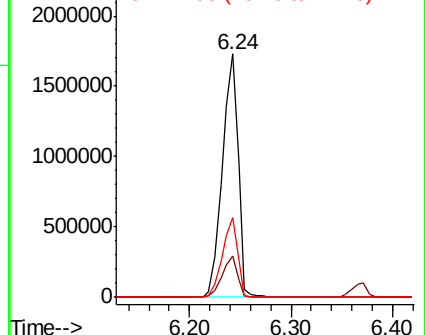


Abundance

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: 7.88 min Scan# 1010

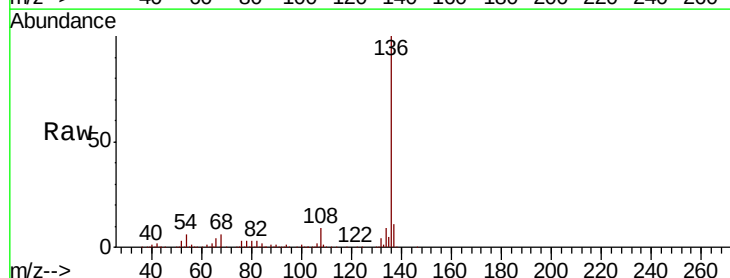
Delta R.T. -0.01 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Tgt Ion: 136 Resp: 896329

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	5.6	8.4
68	5.5	4.8	7.2



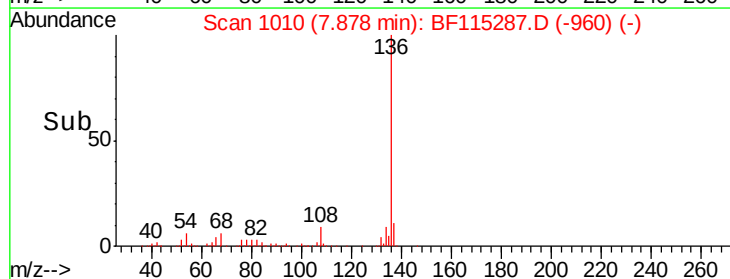
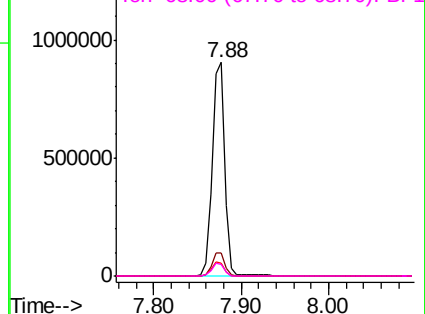
Abundance

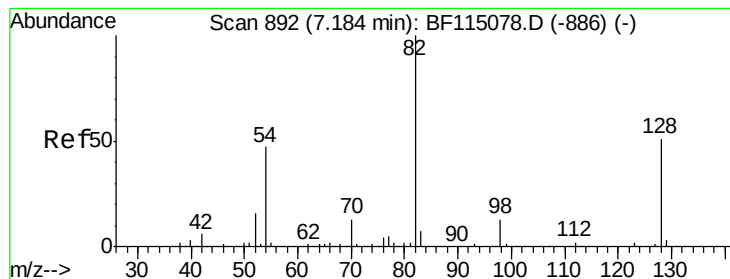
Ion 136.00 (135.70 to 136.70): E

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: 92.718 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-A

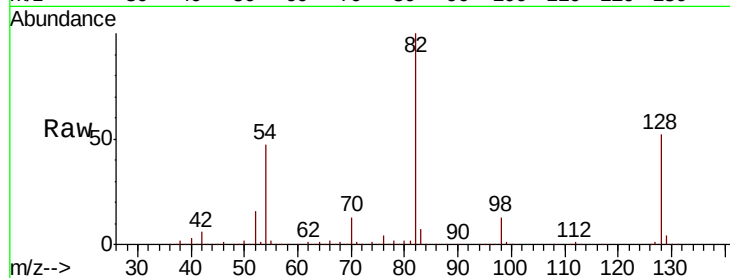
Tot Ion: 82 Resp: 1350974

Ion Ratio Lower Upper

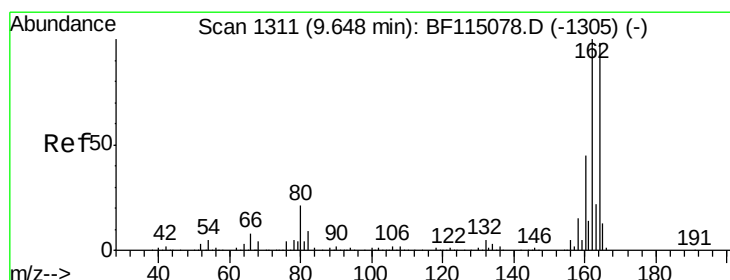
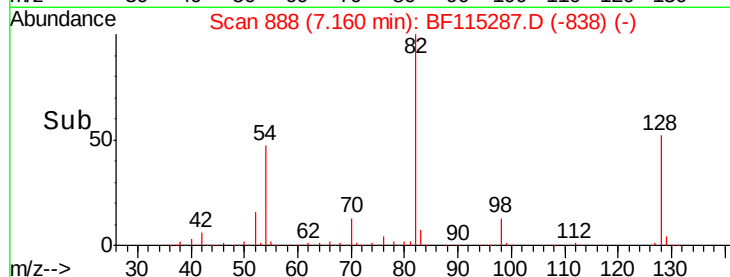
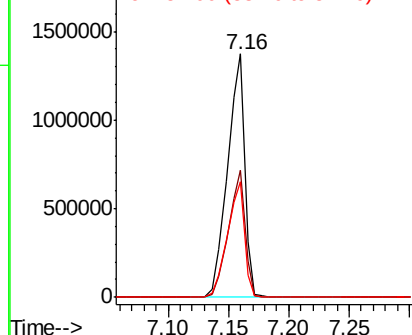
82 100

128 52.4 40.4 60.6

54 47.5 37.5 56.3



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: 9.62 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

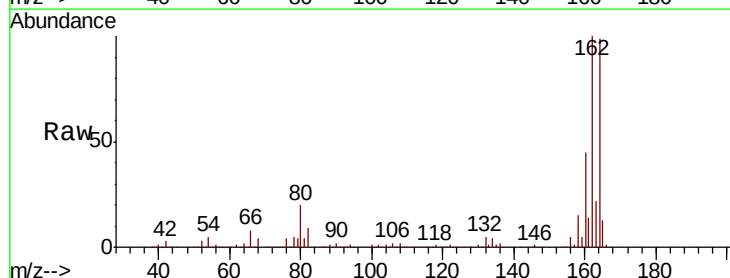
Tgt Ion:164 Resp: 448714

Ion Ratio Lower Upper

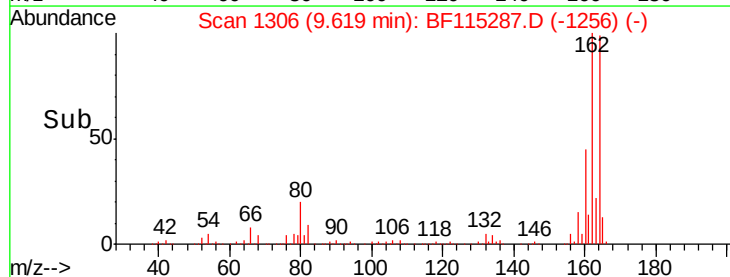
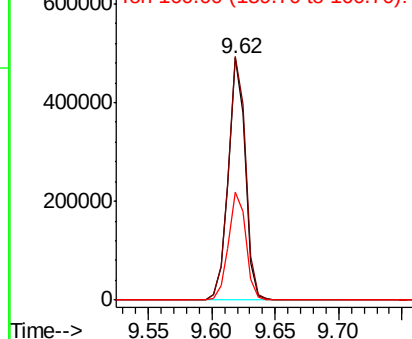
164 100

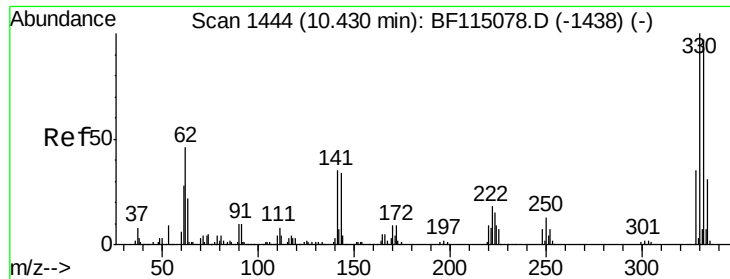
162 100.7 81.7 122.5

160 44.8 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

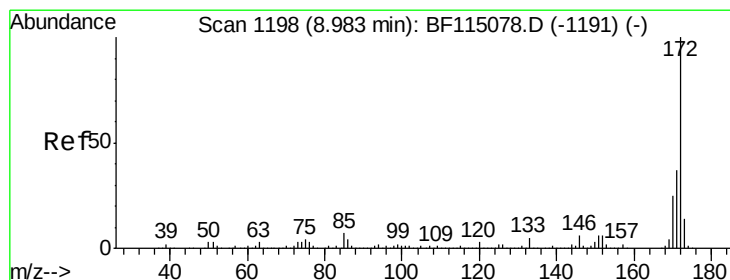
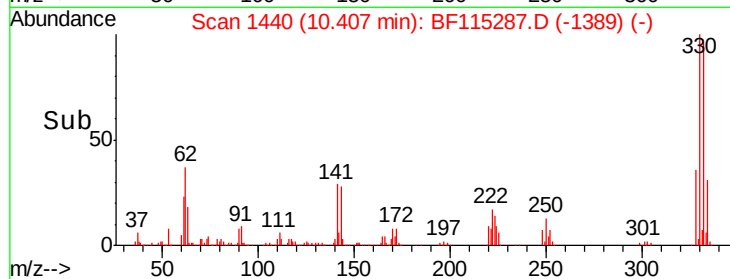
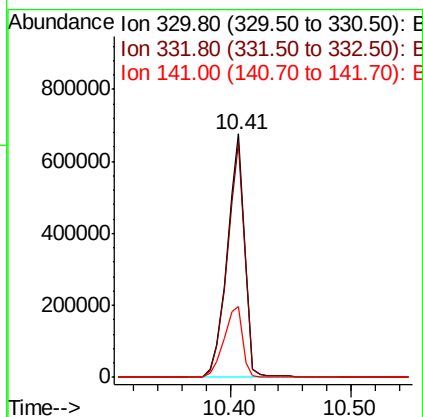
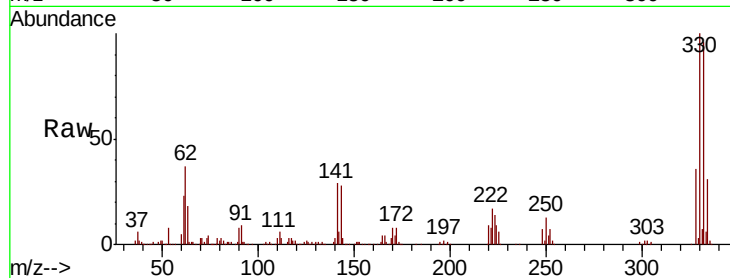




#42
 2,4,6-Tribromophenol
 Concen: 143.092 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115287.D
 Acq: 28 Jun 2019 17:56

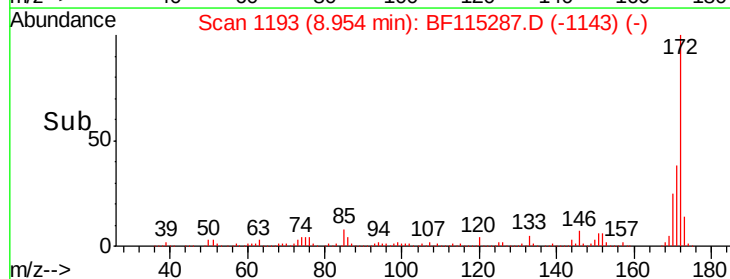
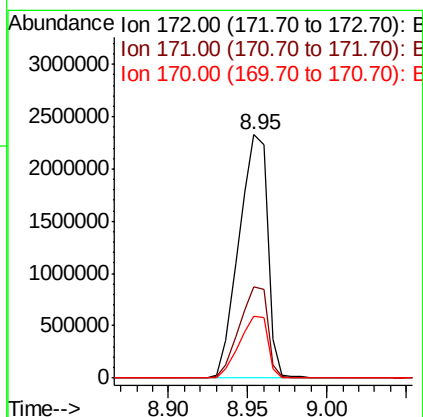
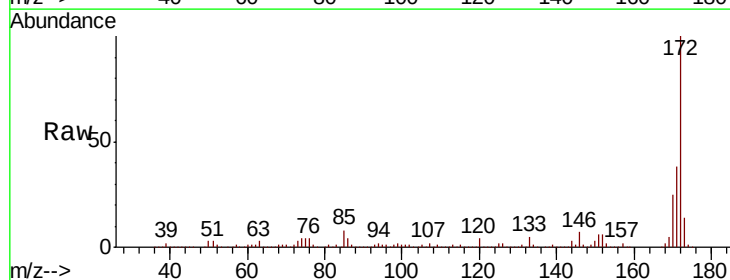
Instrument :
 BNA_F
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 SU-01-062719-A

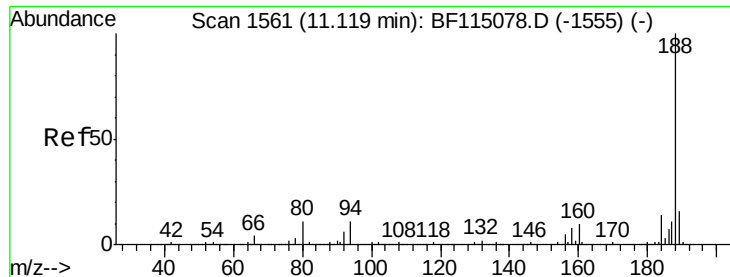
Tot Ion:330 Resp: 677090
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 31.6 28.2 42.2



#45
 2-Fluorobiphenyl
 Concen: 110.724 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115287.D
 Acq: 28 Jun 2019 17:56

Tgt Ion:172 Resp: 2924920
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.4 20.3 30.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-A

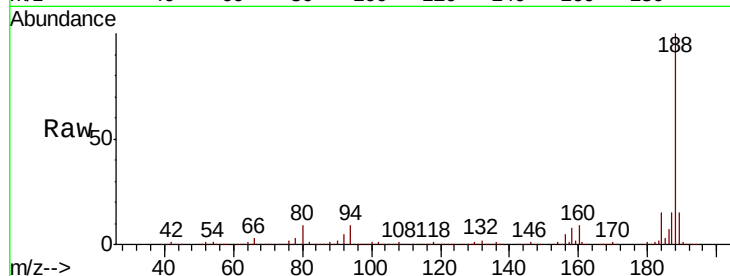
Tot Ion:188 Resp: 884822

Ion Ratio Lower Upper

188 100

94 8.9 8.6 12.8

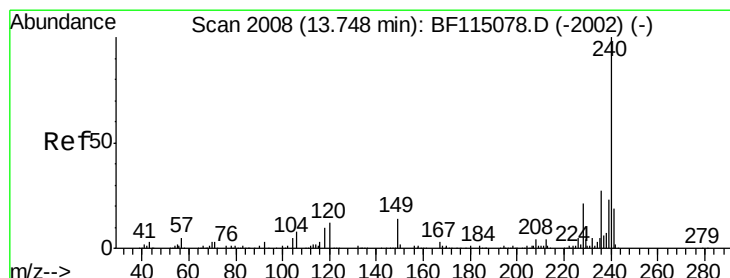
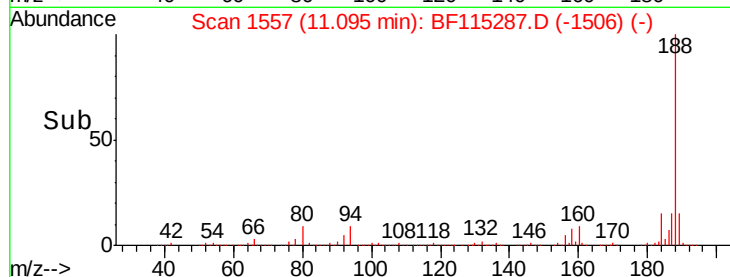
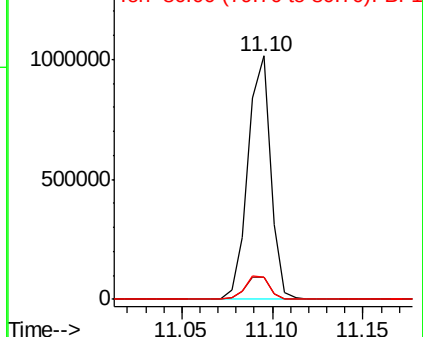
80 9.3 8.8 13.2



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: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

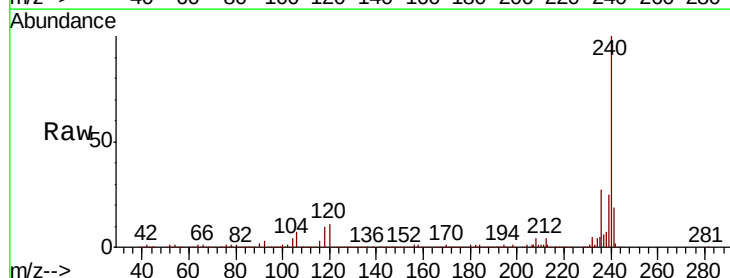
Tgt Ion:240 Resp: 745208

Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

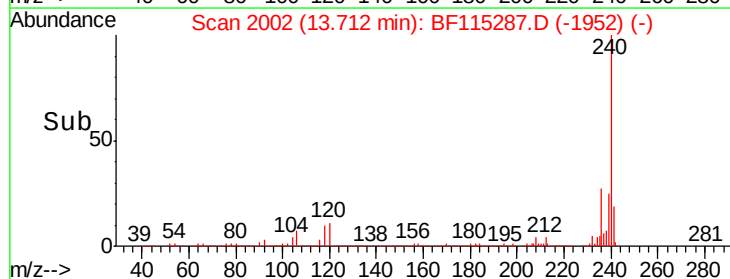
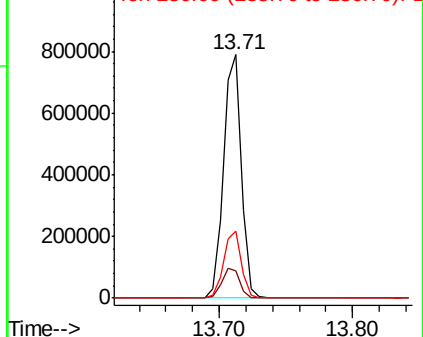
236 27.3 21.7 32.5

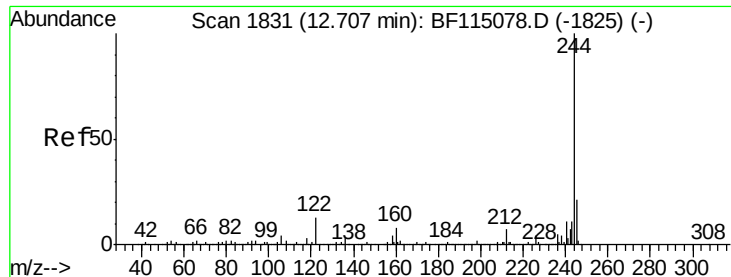


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.770 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-A

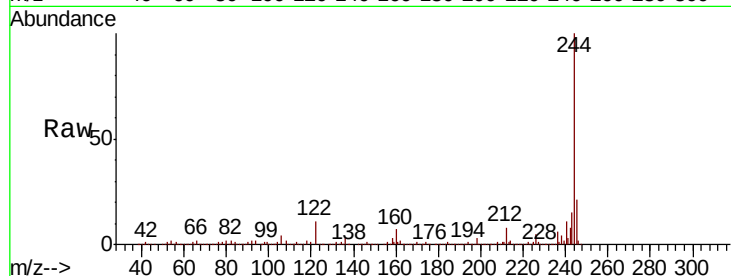
Tot Ion:244 Resp: 3567001

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

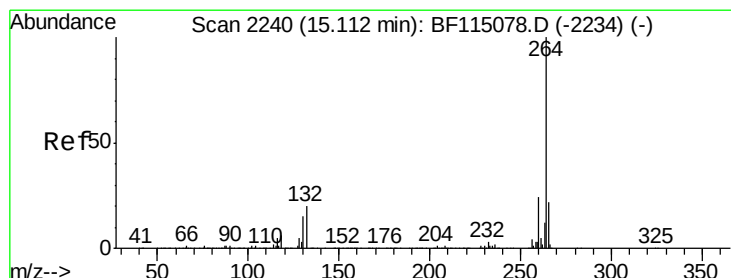
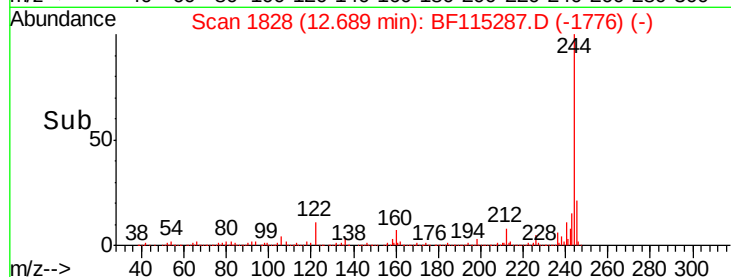
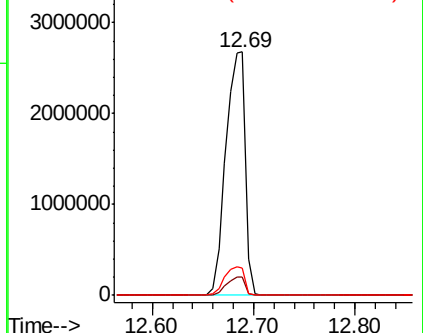
122 11.1 10.4 15.6



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: 15.07 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

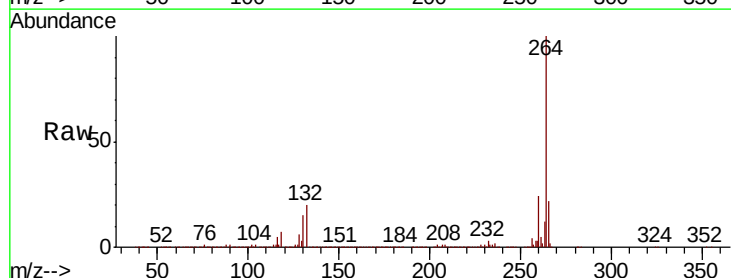
Tgt Ion:264 Resp: 755531

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 21.8 17.3 25.9



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

