

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115288.D
 Acq On : 28 Jun 2019 18:24
 Operator : HP/JU
 Sample : K3163-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 29 05:23:36 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	224365	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	849510	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	416266	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	821187	20.00	ng	0.00
76) Chrysene-d12	13.71	240	654596	20.00	ng	0.00
87) Perylene-d12	15.07	264	654171	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1508142	103.73	ng	0.02
7) Phenol-d6	6.24	99	1649342	93.46	ng	0.00
23) Nitrobenzene-d5	7.16	82	1320690	95.63	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	634692	144.59	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2827626	115.38	ng	0.00
79) Terphenyl-d14	12.68	244	3379740	109.78	ng	0.00

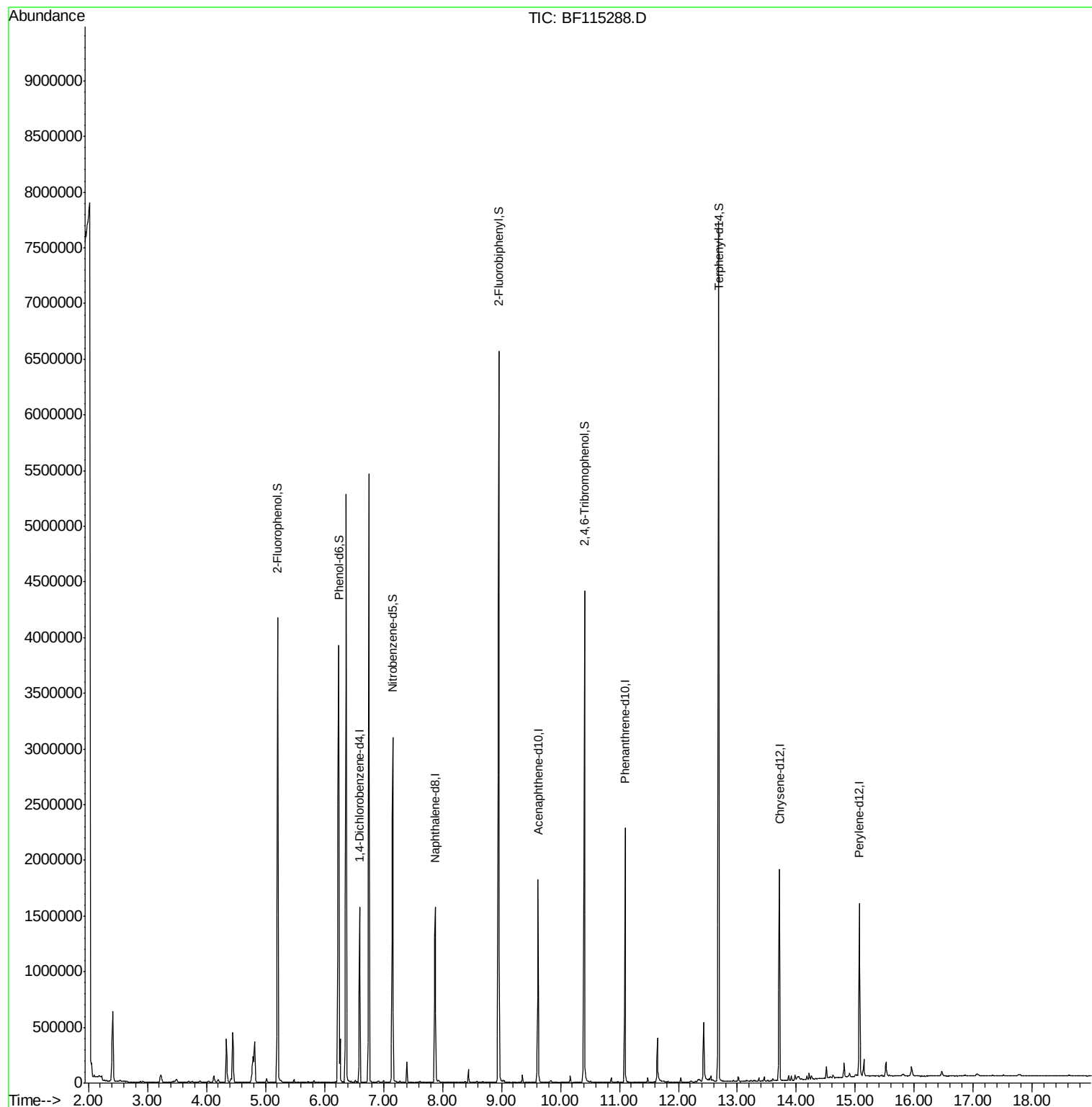
Target Compounds Qvalue

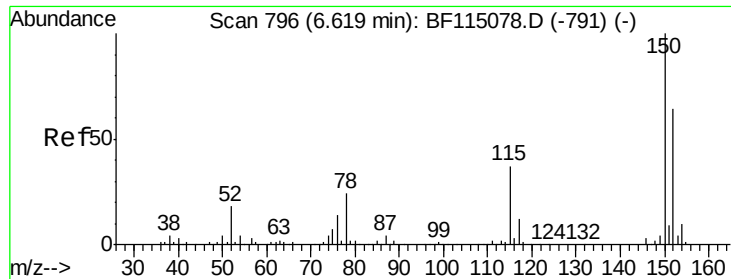
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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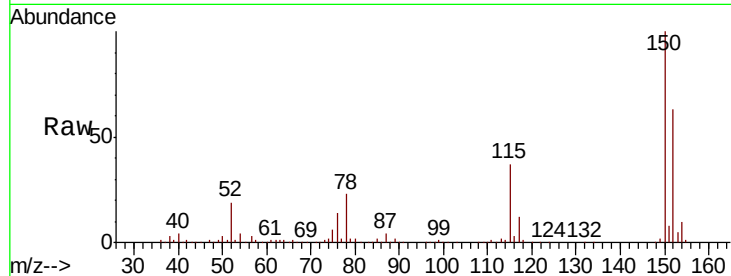


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115288.D
Acq: 28 Jun 2019 18:24

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.2	186.2
115	59.7	46.1	69.1

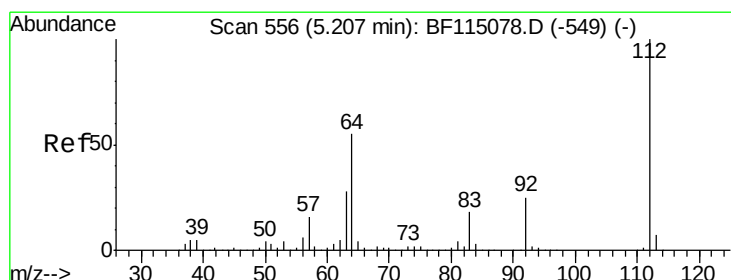
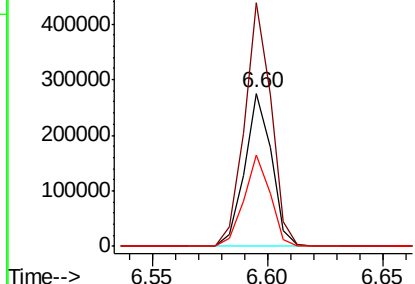
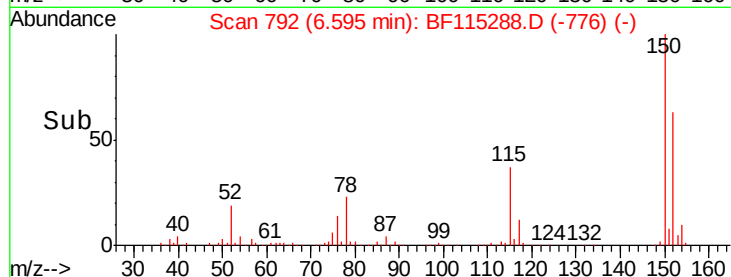


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

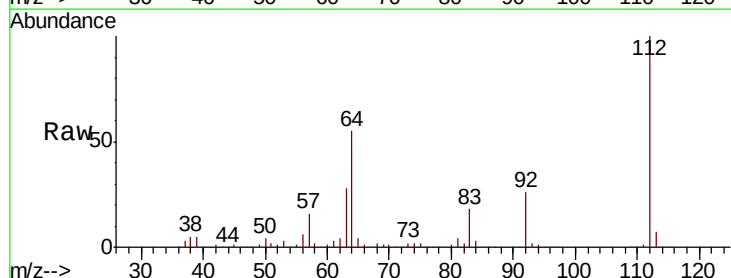
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.729 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF115288.D
Acq: 28 Jun 2019 18:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	43.8	65.6
63	27.8	22.2	33.4

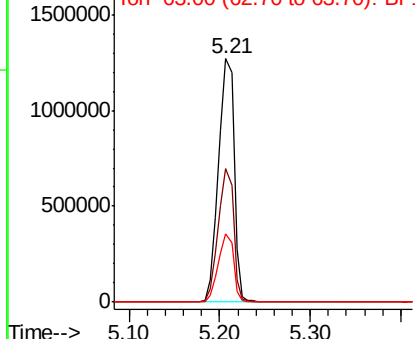
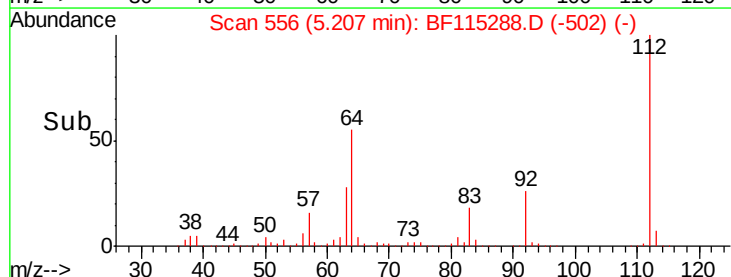


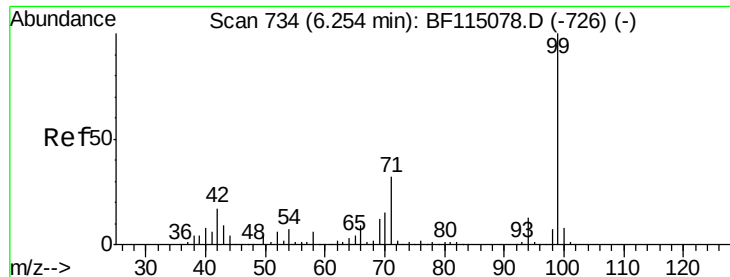
Abundance

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: 93.463 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115288.D

Acq: 28 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-B

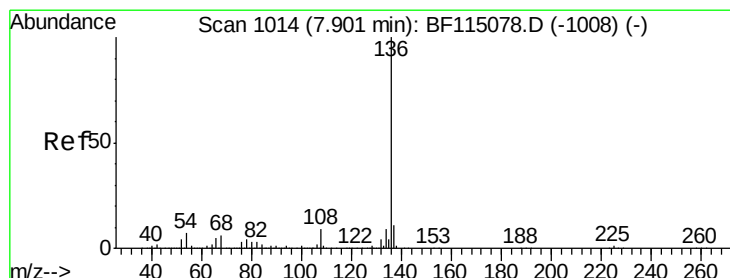
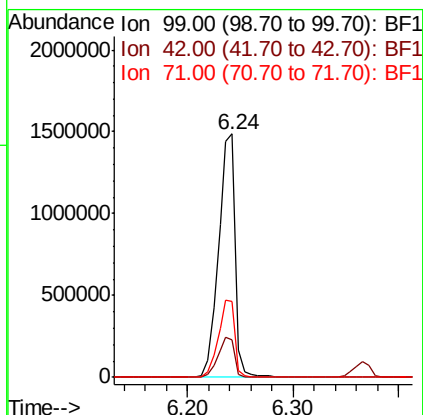
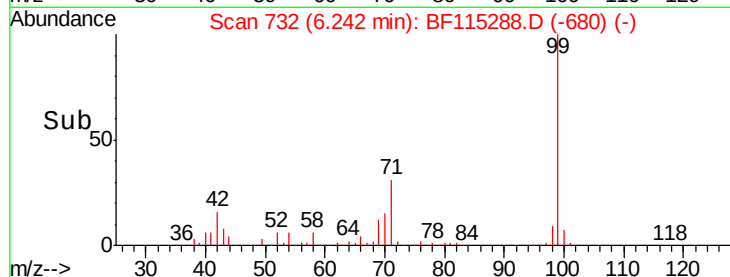
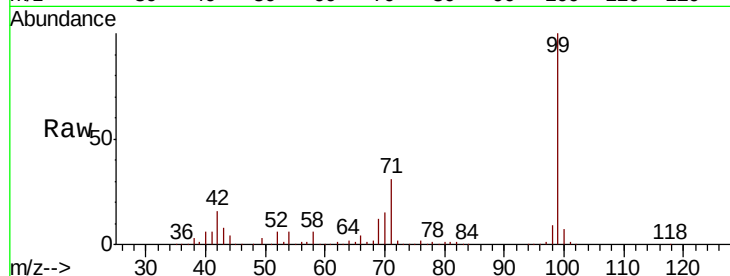
Tot Ion: 99 Resp: 1649342

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

71 31.1 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115288.D

Acq: 28 Jun 2019 18:24

Tgt Ion: 136 Resp: 849510

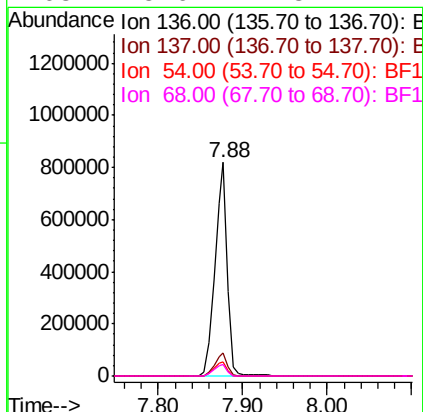
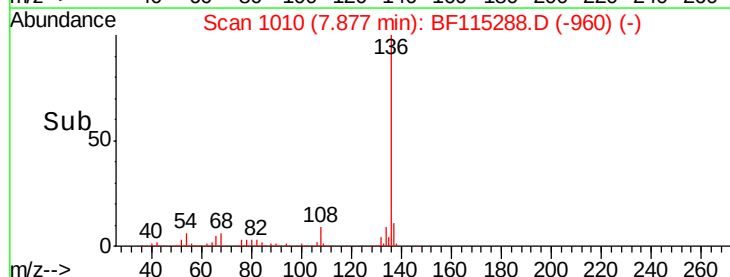
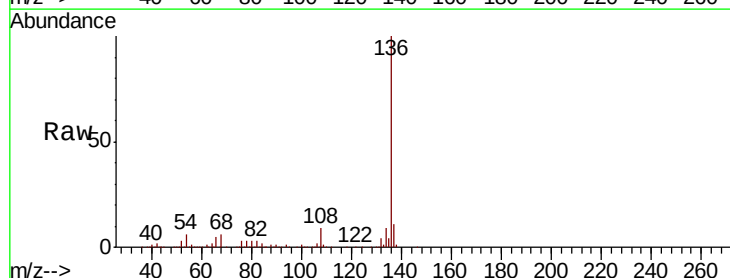
Ion Ratio Lower Upper

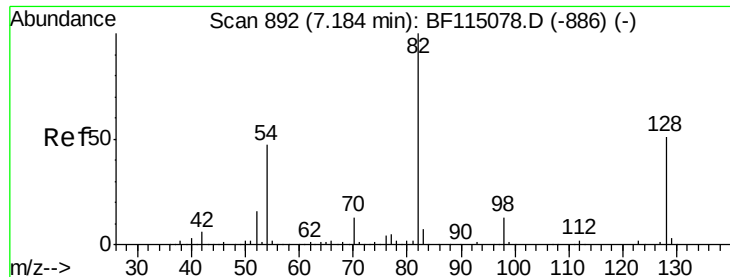
136 100

137 11.1 8.9 13.3

54 6.5 5.6 8.4

68 5.6 4.8 7.2



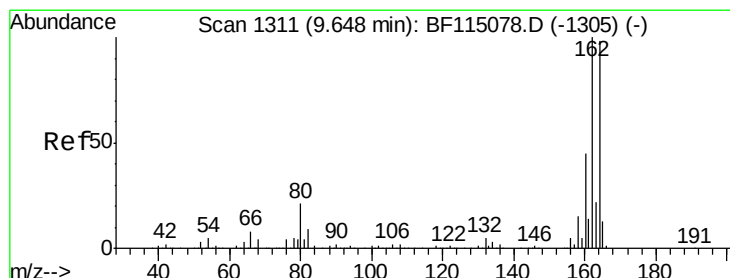
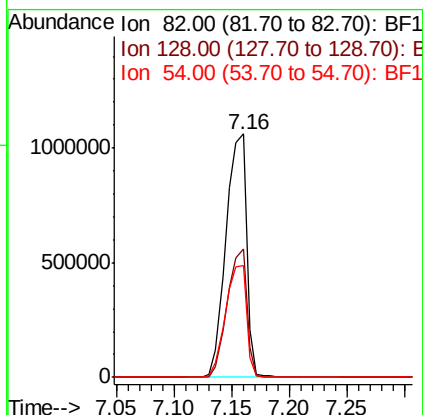
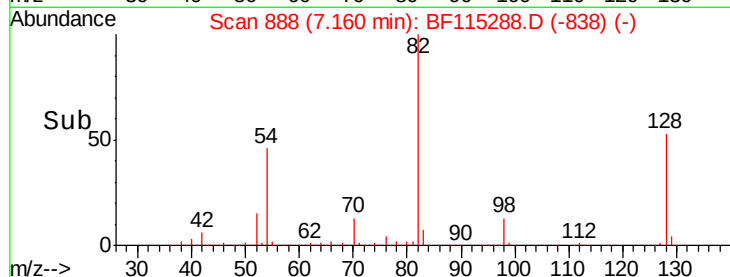
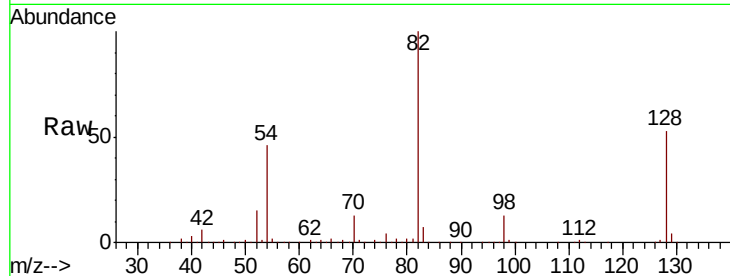


#23
 Nitrobenzene-d5
 Concen: 95.635 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF115288.D
 Acq: 28 Jun 2019 18:24

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

Tot Ion: 82 Resp: 1320690

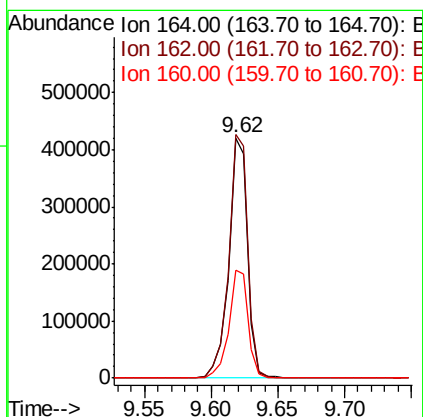
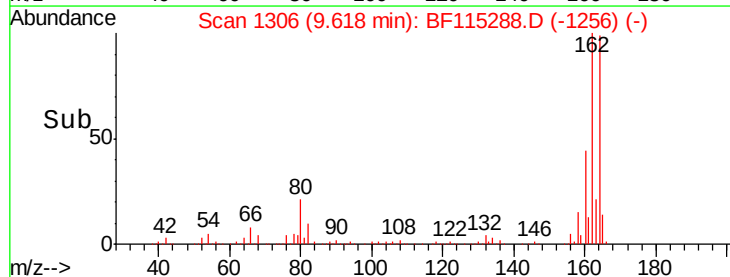
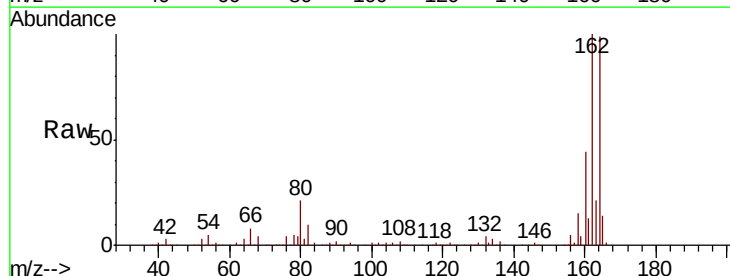
Ion	Ratio	Lower	Upper
82	100		
128	52.5	40.4	60.6
54	46.1	37.5	56.3

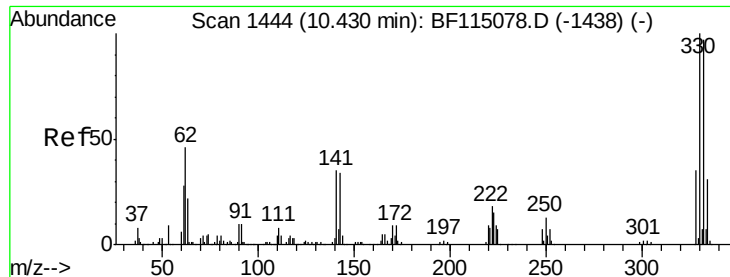


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF115288.D
 Acq: 28 Jun 2019 18:24

Tgt Ion:164 Resp: 416266

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.7	122.5
160	44.9	37.0	55.4

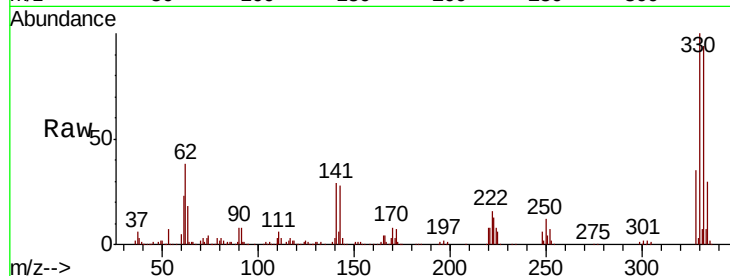




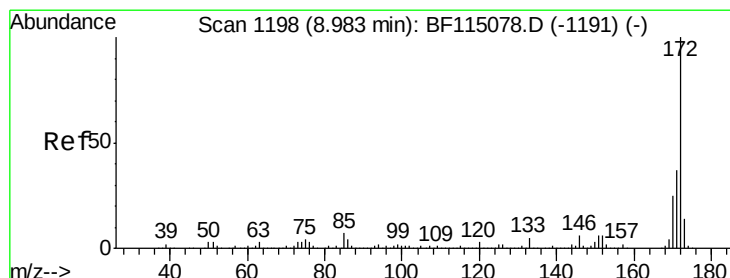
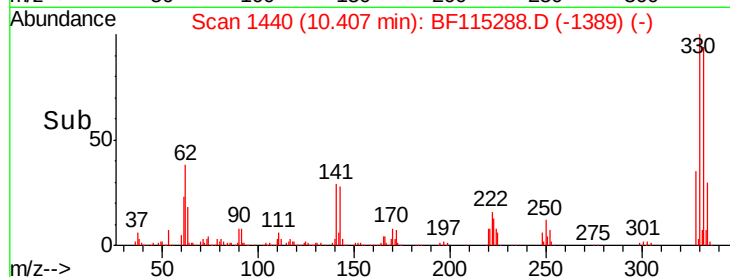
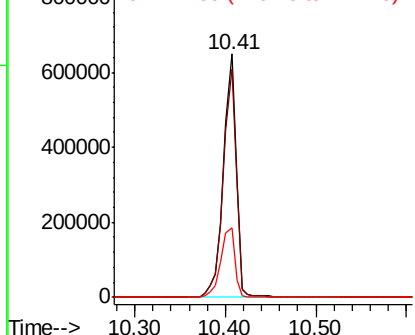
#42
 2,4,6-Tribromophenol
 Concen: 144.588 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF115288.D
 Acq: 28 Jun 2019 18:24

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

Tot Ion:330 Resp: 634692
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 31.6 28.2 42.2

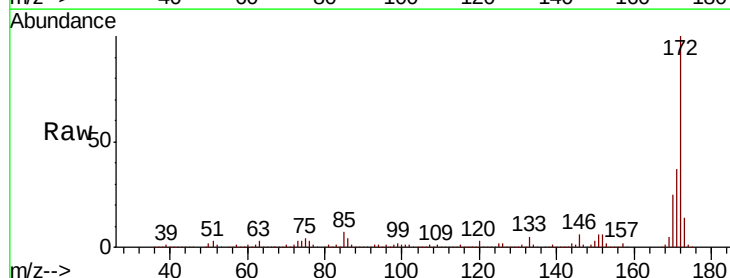


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

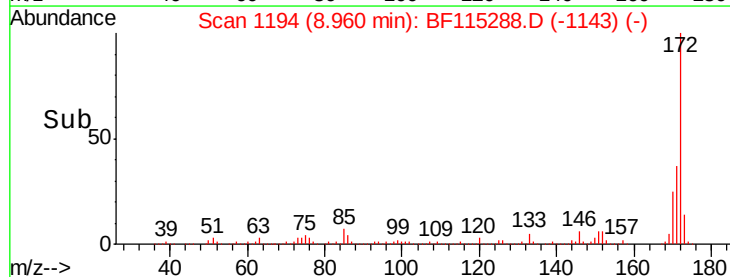
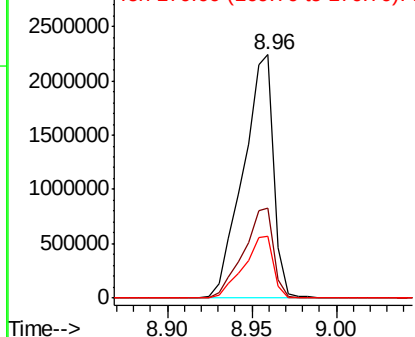


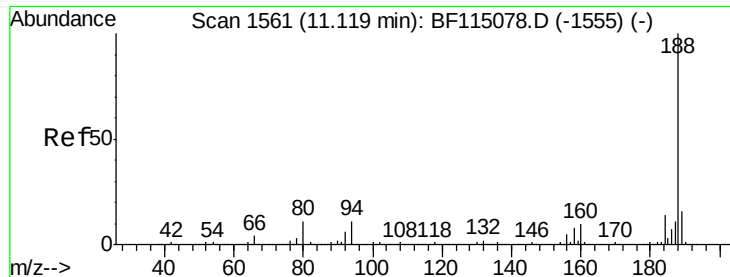
#45
 2-Fluorobiphenyl
 Concen: 115.385 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF115288.D
 Acq: 28 Jun 2019 18:24

Tgt Ion:172 Resp: 2827626
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.4 20.3 30.5



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: 11.09 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF115288.D

Acq: 28 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-B

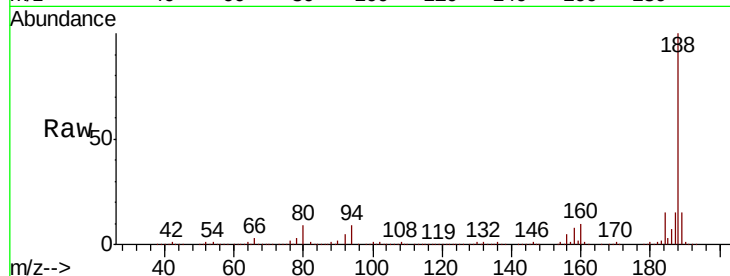
Tot Ion:188 Resp: 821187

Ion Ratio Lower Upper

188 100

94 9.0 8.6 12.8

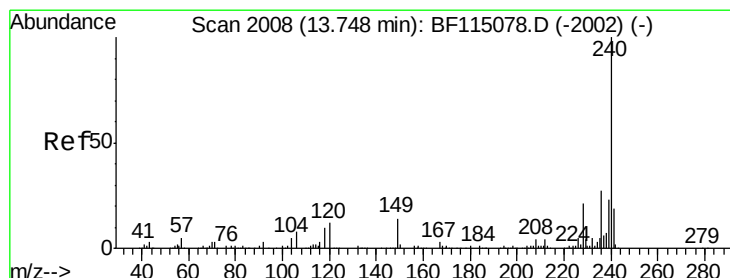
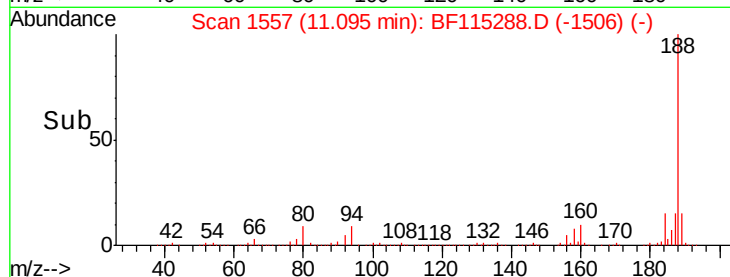
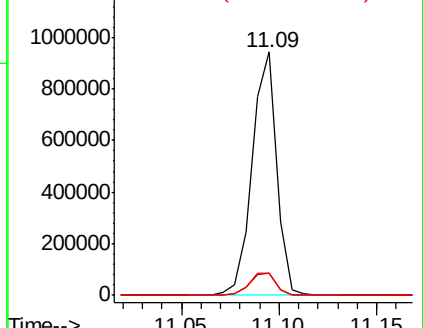
80 9.3 8.8 13.2



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: BF115288.D

Acq: 28 Jun 2019 18:24

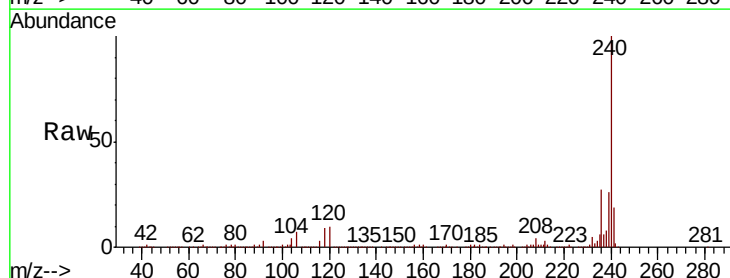
Tgt Ion:240 Resp: 654596

Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

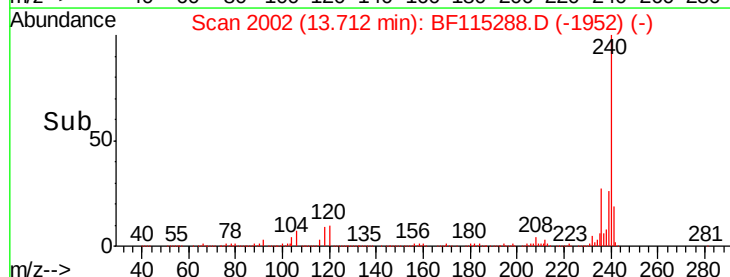
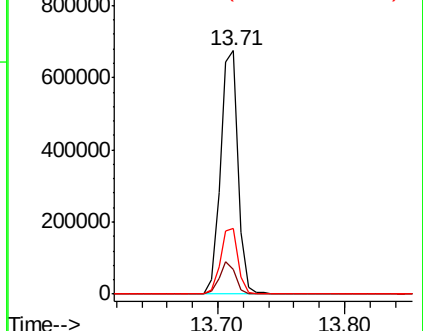
236 27.0 21.7 32.5

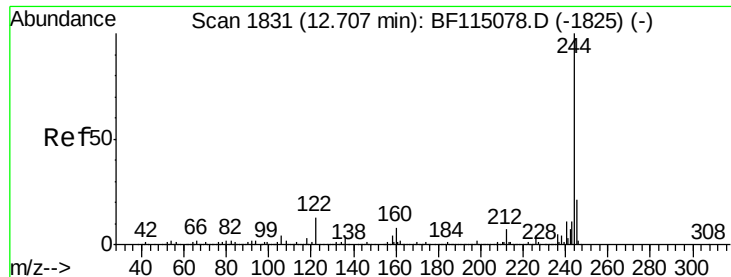


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.775 ng

RT: 12.68 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF115288.D

Acq: 28 Jun 2019 18:24

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-B

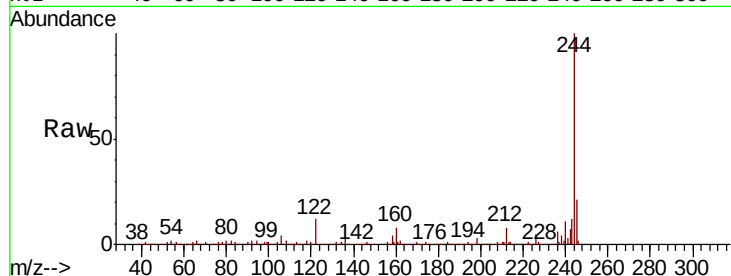
Tot Ion:244 Resp: 3379740

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

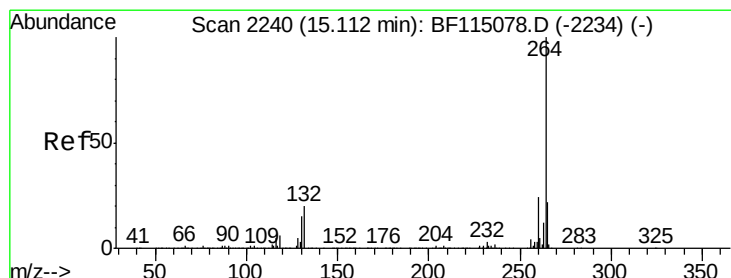
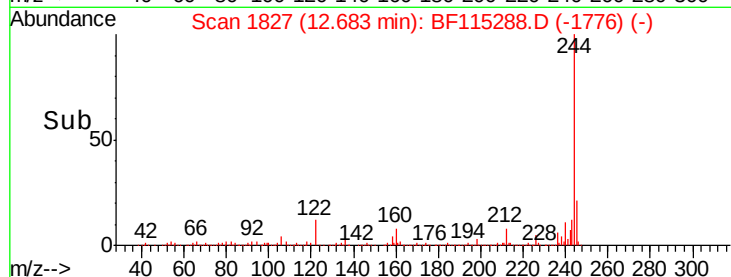
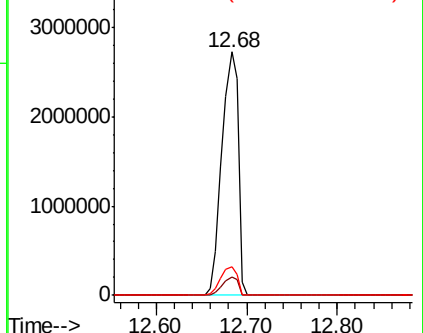
122 11.6 10.4 15.6



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: BF115288.D

Acq: 28 Jun 2019 18:24

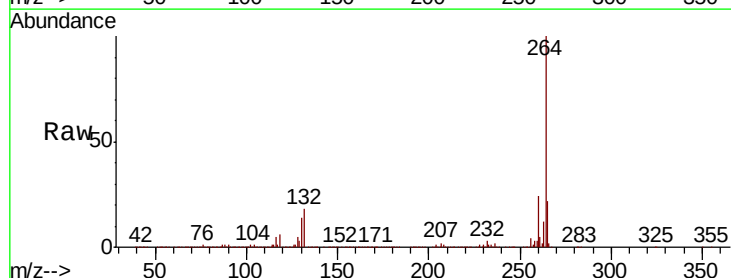
Tgt Ion:264 Resp: 654171

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.7 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

