

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115244.D
 Acq On : 27 Jun 2019 20:02
 Operator : HP/JU
 Sample : K3509-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-B

Quant Time: Jun 28 06:54:36 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	231716	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	829776	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	406242	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	800135	20.00	ng	0.00
76) Chrysene-d12	13.71	240	681118	20.00	ng	0.00
87) Perylene-d12	15.07	264	721399	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1489995	99.23	ng	0.02
7) Phenol-d6	6.24	99	1795345	98.51	ng	0.00
23) Nitrobenzene-d5	7.15	82	1231667	91.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	565081	131.91	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2342496	97.95	ng	0.00
79) Terphenyl-d14	12.68	244	2622195	81.85	ng	0.00

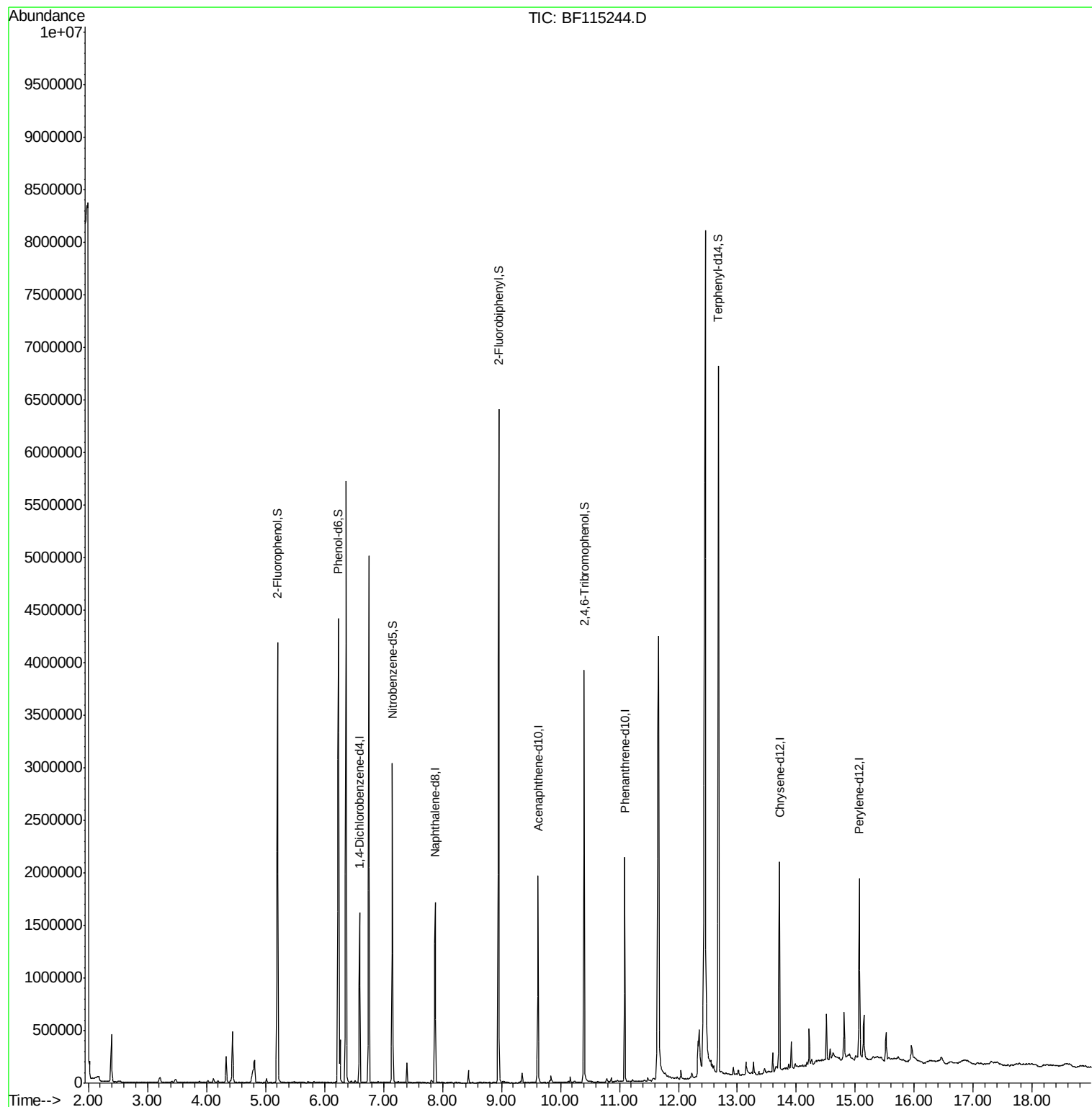
Target Compounds Qvalue

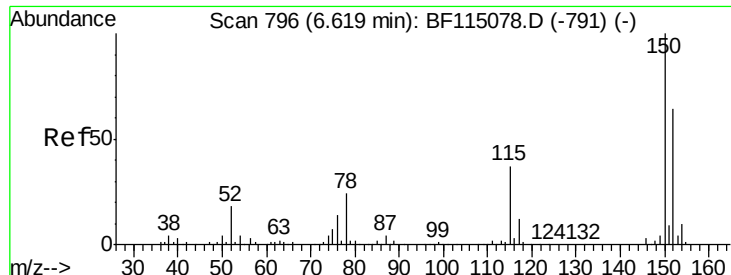
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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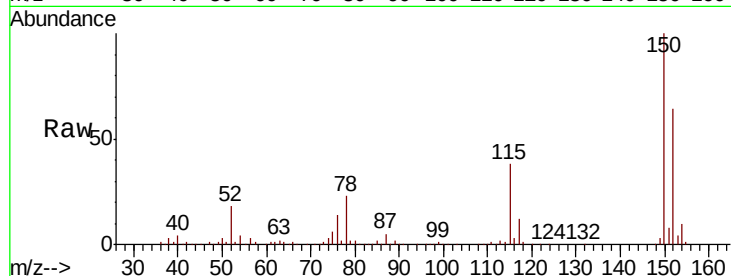


#1

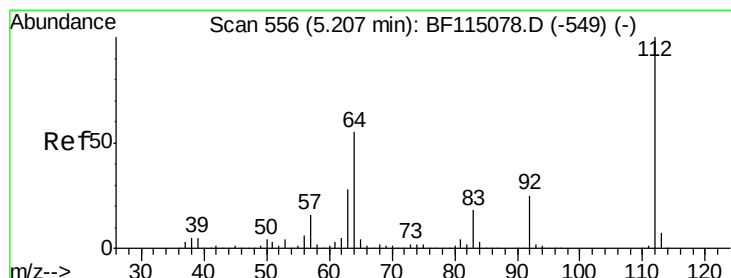
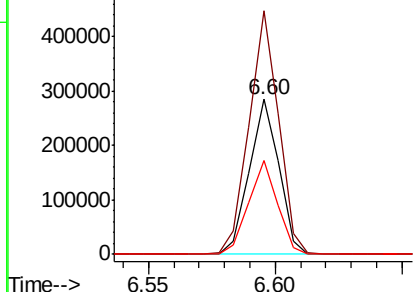
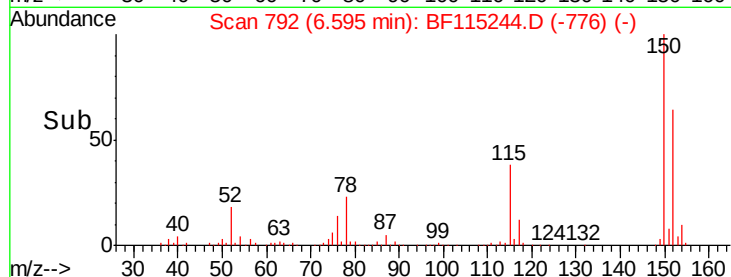
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF115244.D
 Acq: 27 Jun 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-B

Tot Ion:152 Resp: 231716
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.2 186.2
 115 60.4 46.1 69.1



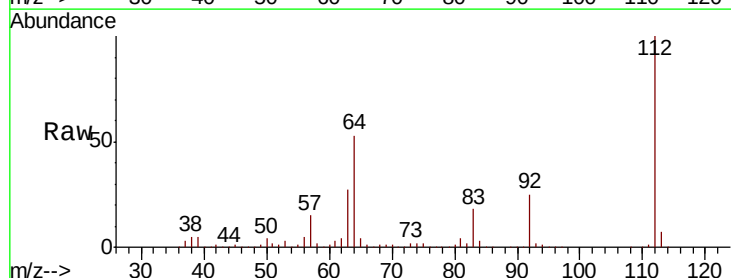
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



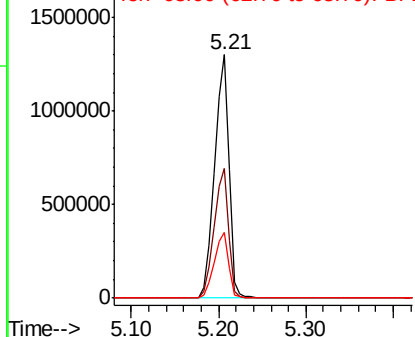
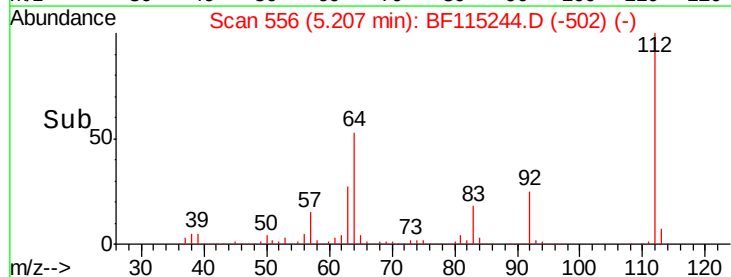
#5

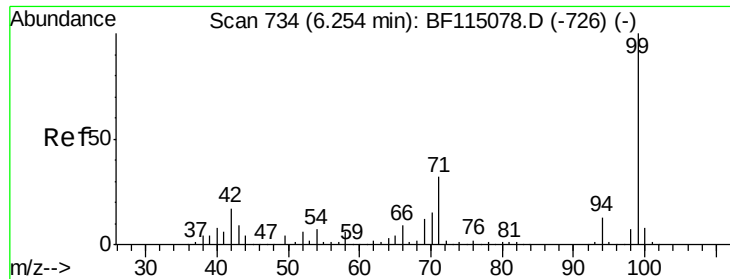
2-Fluorophenol
 Concen: 99.230 ng
 RT: 5.21 min Scan# 556
 Delta R.T. 0.02 min
 Lab File: BF115244.D
 Acq: 27 Jun 2019 20:02

Tgt Ion:112 Resp: 1489995
 Ion Ratio Lower Upper
 112 100
 64 53.2 43.8 65.6
 63 27.0 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: 98.509 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115244.D

Acq: 27 Jun 2019 20:02

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-B

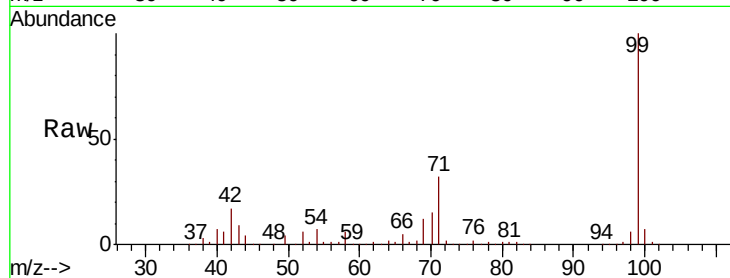
Tot Ion: 99 Resp: 1795345

Ion Ratio Lower Upper

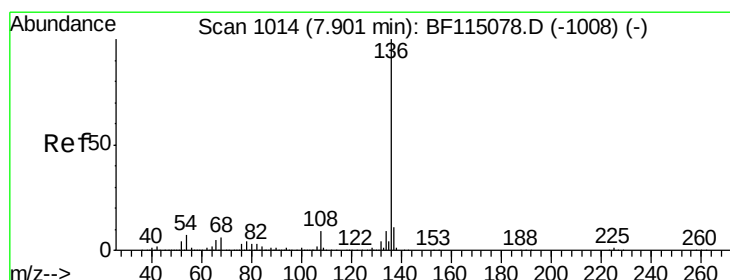
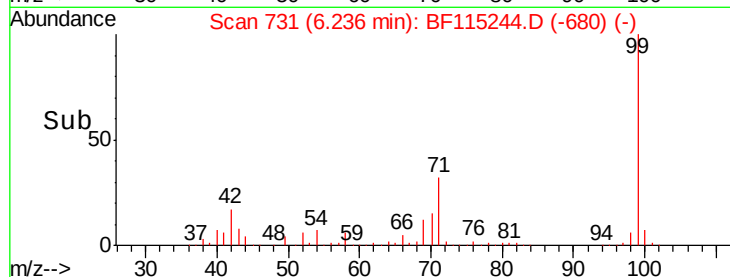
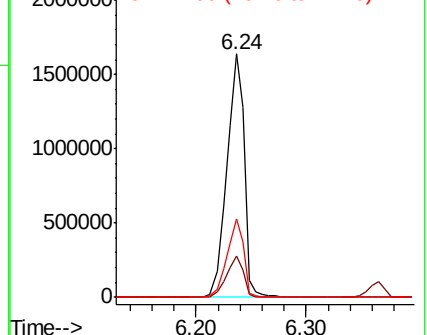
99 100

42 17.2 13.6 20.4

71 32.3 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: BF115244.D

Acq: 27 Jun 2019 20:02

Tgt Ion: 136 Resp: 829776

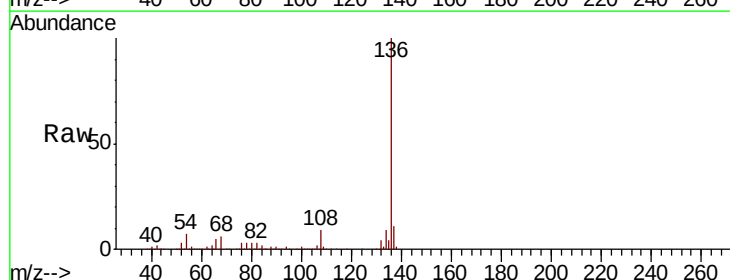
Ion Ratio Lower Upper

136 100

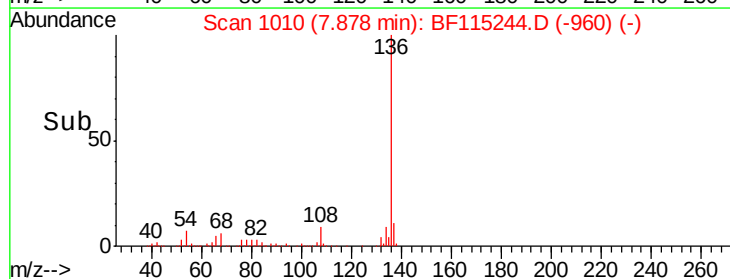
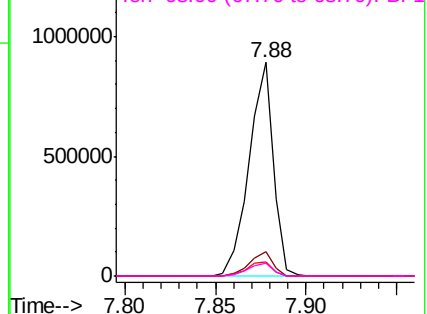
137 11.3 8.9 13.3

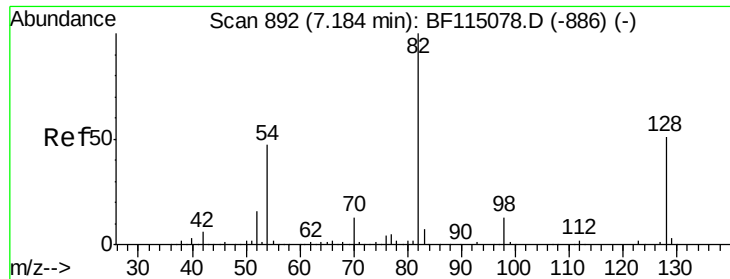
54 6.6 5.6 8.4

68 5.8 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

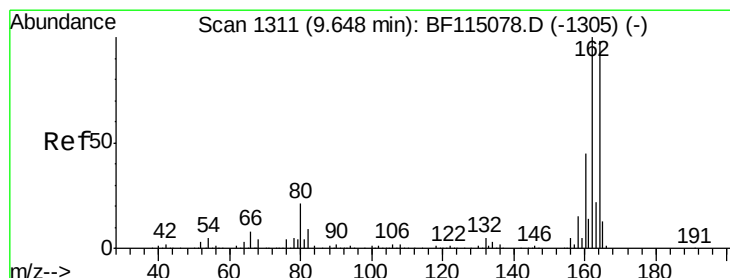
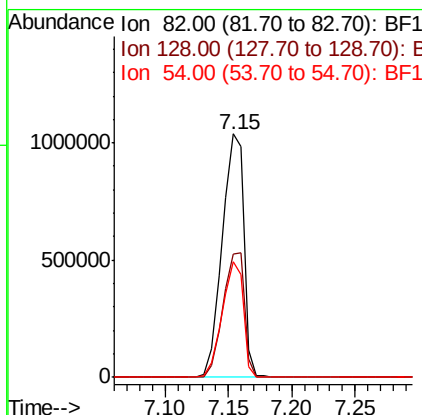
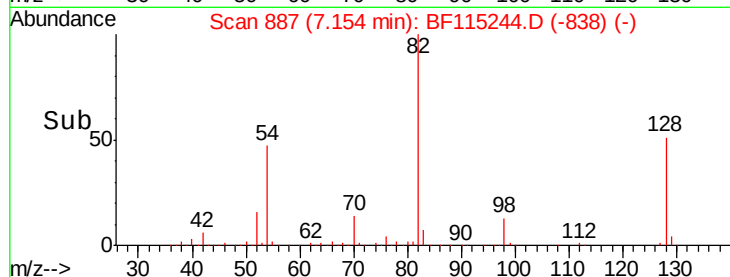
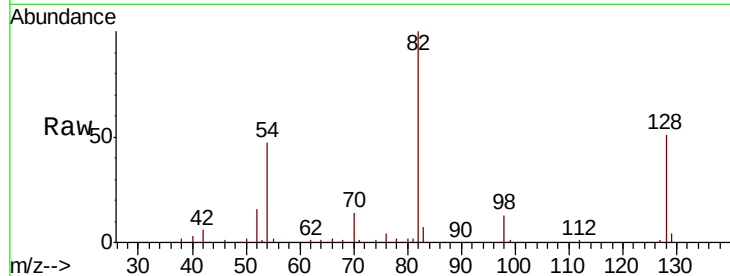




#23
Nitrobenzene-d5
Concen: 91.310 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115244.D
Acq: 27 Jun 2019 20:02

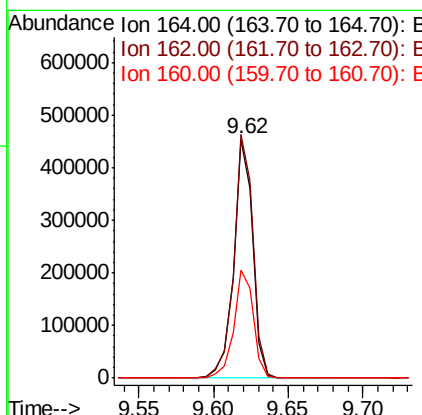
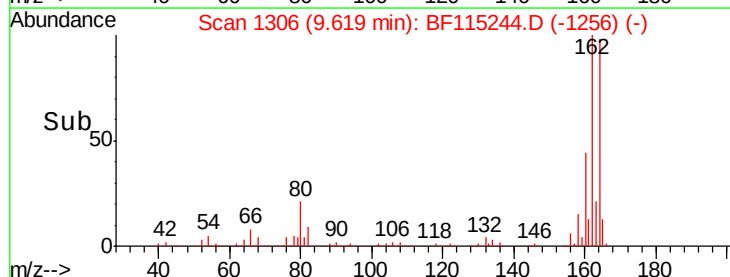
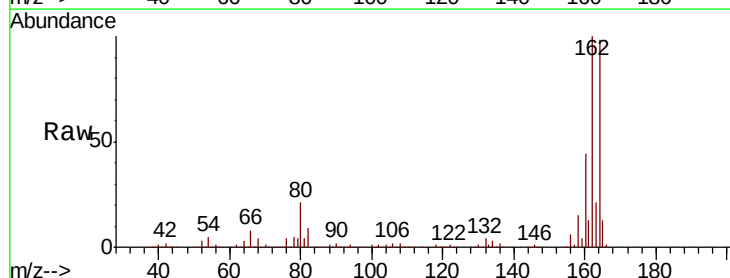
Instrument :
BNA_F
ClientSampleId :
SA-06-062619-B

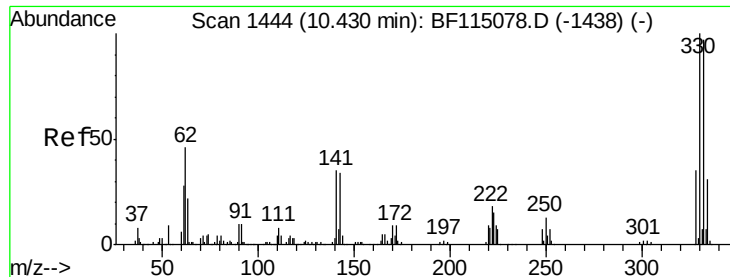
Tot Ion: 82 Resp: 1231667
Ion Ratio Lower Upper
82 100
128 50.7 40.4 60.6
54 47.4 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF115244.D
Acq: 27 Jun 2019 20:02

Tgt Ion:164 Resp: 406242
Ion Ratio Lower Upper
164 100
162 102.0 81.7 122.5
160 45.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 131.906 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF115244.D

Acq: 27 Jun 2019 20:02

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-B

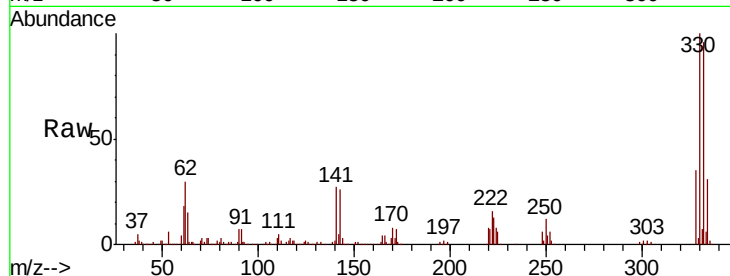
Tot Ion:330 Resp: 565081

Ion Ratio Lower Upper

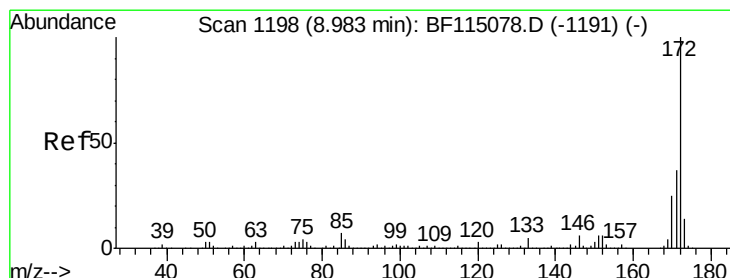
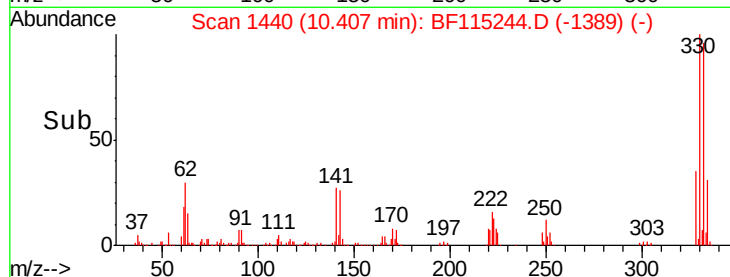
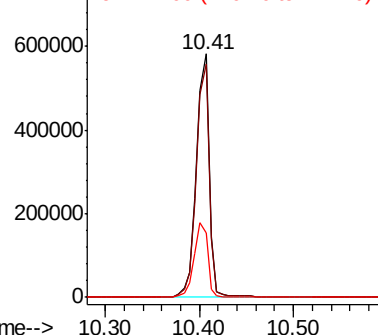
330 100

332 97.0 77.3 115.9

141 32.7 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: 97.947 ng

RT: 8.95 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF115244.D

Acq: 27 Jun 2019 20:02

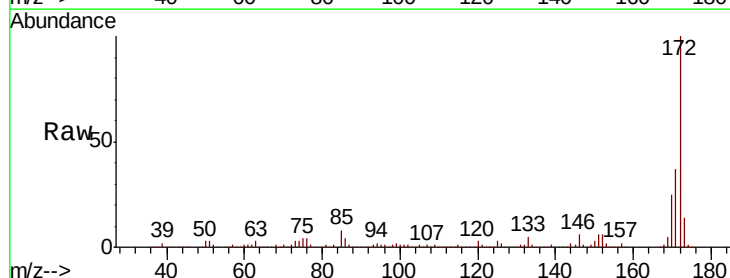
Tgt Ion:172 Resp: 2342496

Ion Ratio Lower Upper

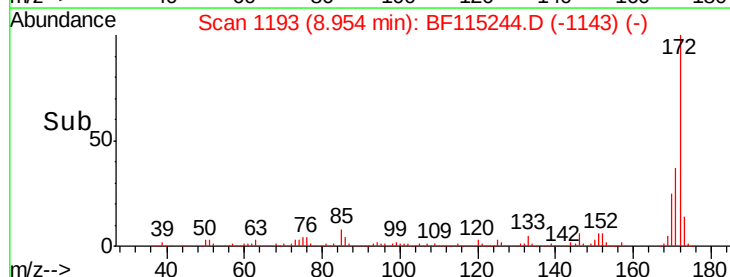
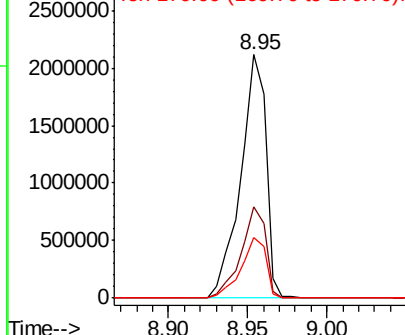
172 100

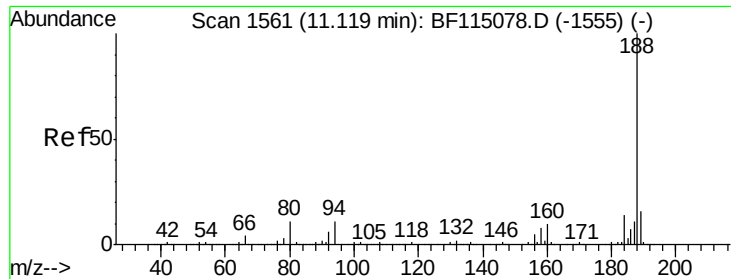
171 37.4 29.8 44.6

170 25.1 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

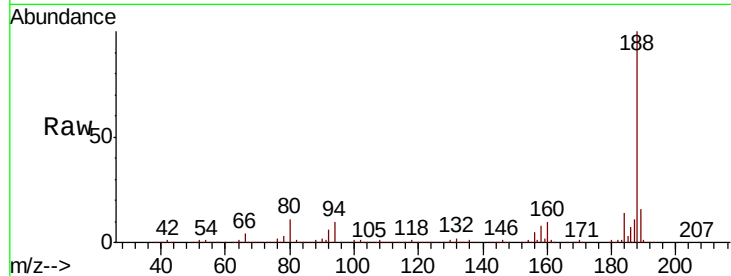




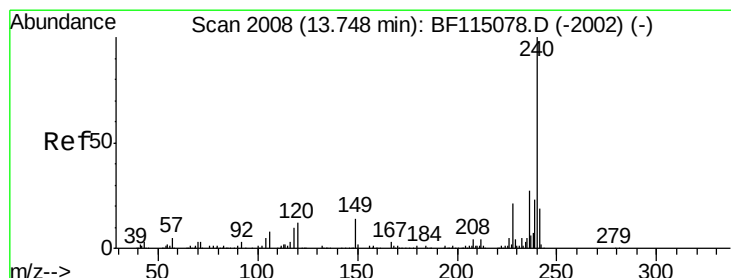
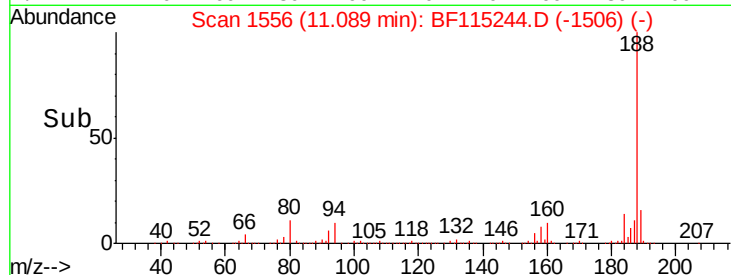
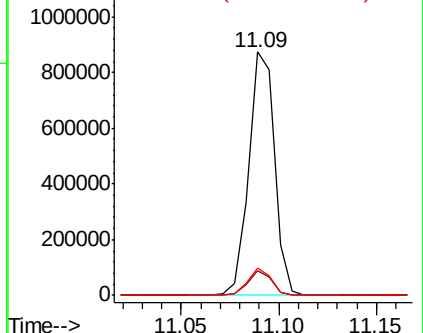
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF115244.D
Acq: 27 Jun 2019 20:02

Instrument :
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SA-06-062619-B

Tot Ion:188 Resp: 800135
Ion Ratio Lower Upper
188 100
94 10.1 8.6 12.8
80 11.0 8.8 13.2

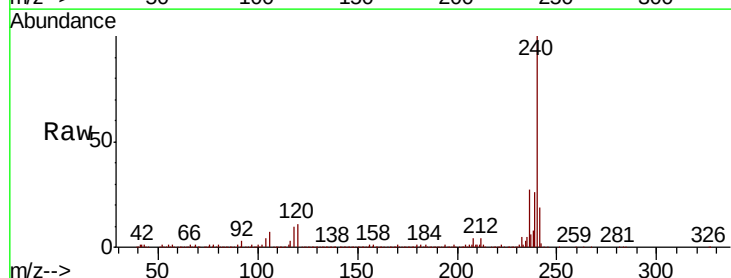


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

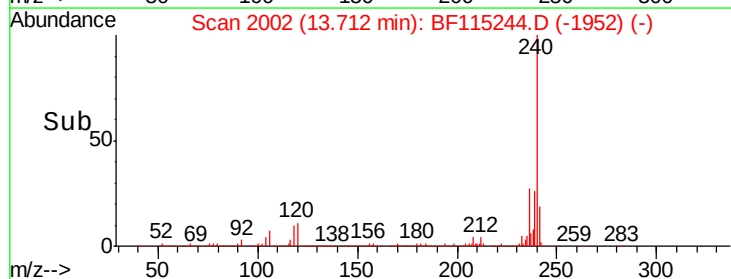
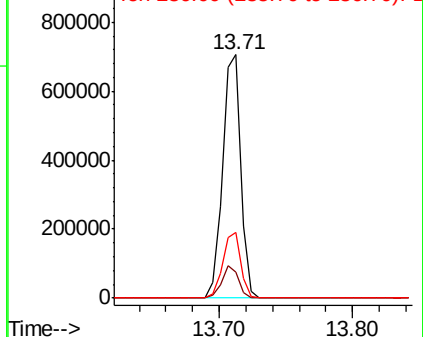


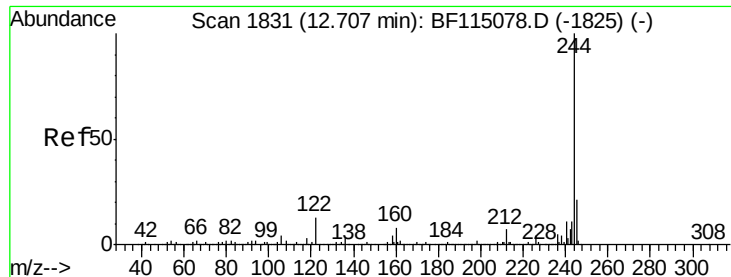
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115244.D
Acq: 27 Jun 2019 20:02

Tgt Ion:240 Resp: 681118
Ion Ratio Lower Upper
240 100
120 10.7 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: 81.854 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115244.D

Acq: 27 Jun 2019 20:02

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-B

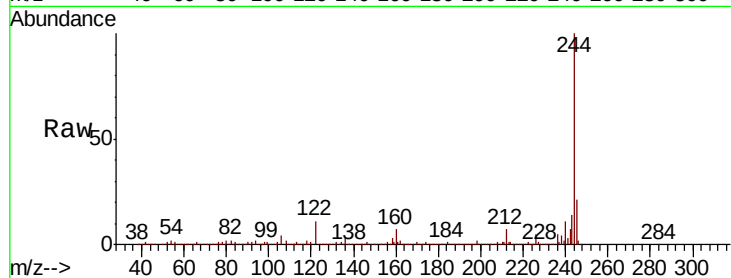
Tot Ion:244 Resp: 2622195

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

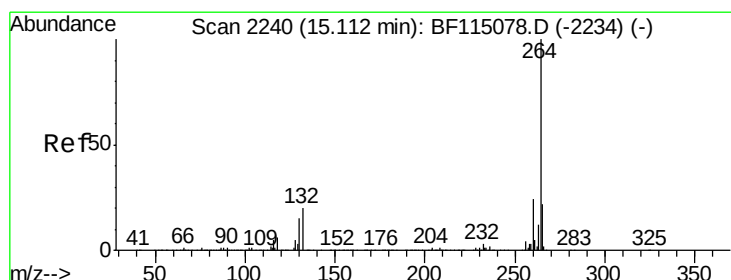
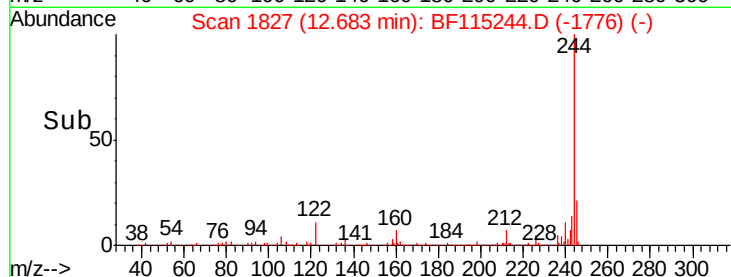
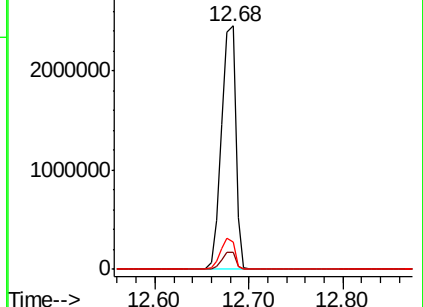
122 11.1 10.4 15.6



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: BF115244.D

Acq: 27 Jun 2019 20:02

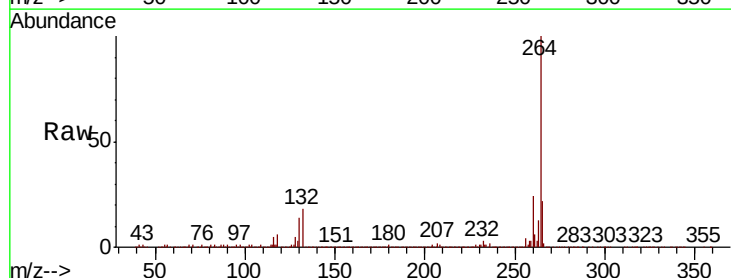
Tgt Ion:264 Resp: 721399

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.9 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

