

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115291.D
 Acq On : 28 Jun 2019 19:44
 Operator : HP/JU
 Sample : K3554-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-16

Quant Time: Jun 29 05:27:56 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	220317	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	838394	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	406063	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	812141	20.00	ng	0.00
76) Chrysene-d12	13.71	240	658367	20.00	ng	-0.01
87) Perylene-d12	15.07	264	676179	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1431869	100.29	ng	0.02
7) Phenol-d6	6.24	99	1616781	93.30	ng	0.00
23) Nitrobenzene-d5	7.16	82	1176691	86.34	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	576522	134.64	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2225458	93.09	ng	0.00
79) Terphenyl-d14	12.68	244	2604339	84.11	ng	0.00

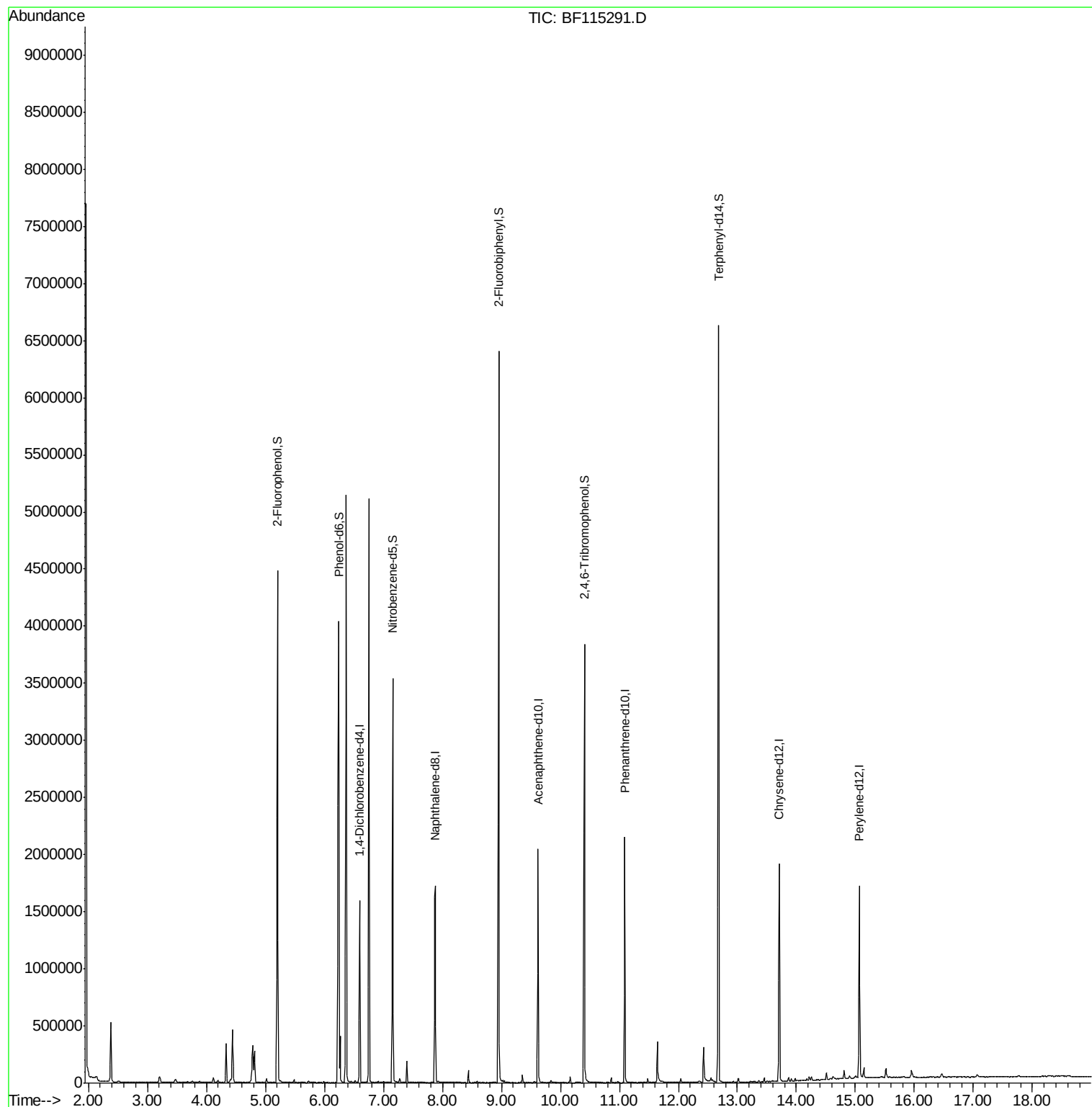
Target Compounds Qvalue

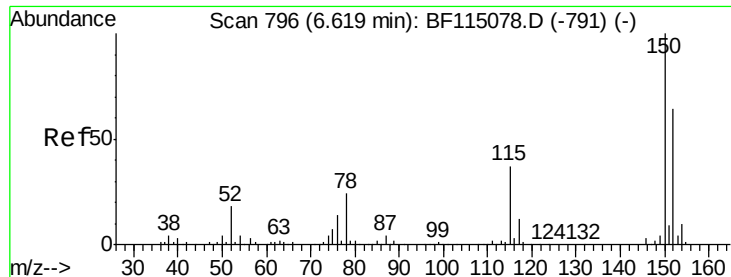
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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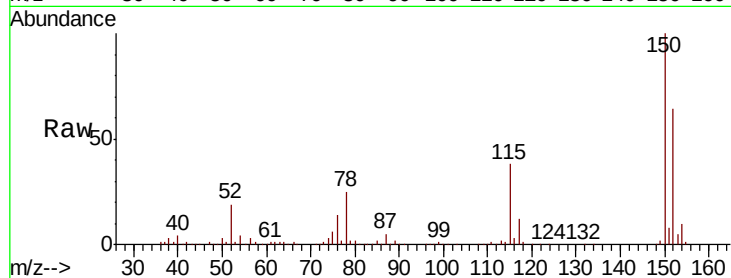


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115291.D
Acq: 28 Jun 2019 19:44

Instrument :
BNA_F
ClientSampleId :
SAMPLE-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.2	186.2
115	59.9	46.1	69.1

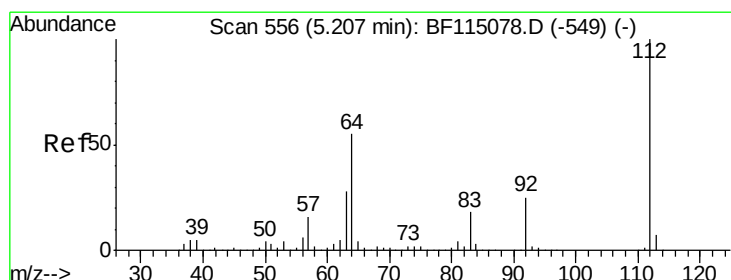
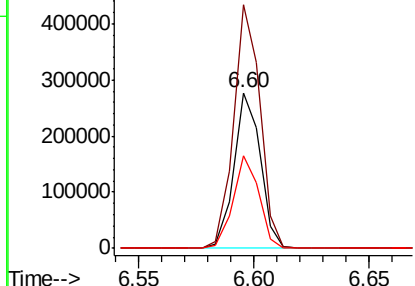
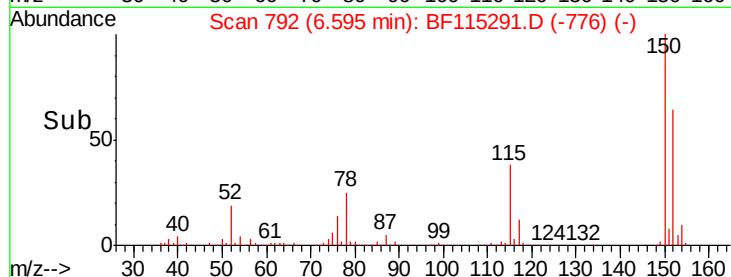


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

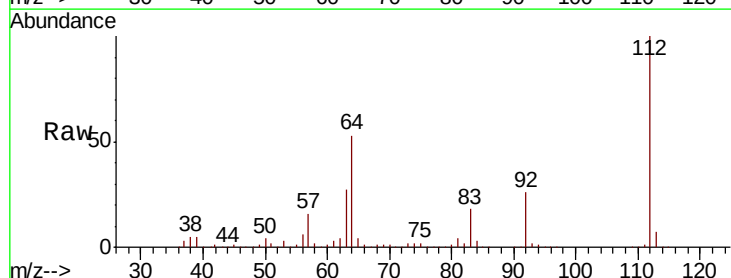
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.293 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF115291.D
Acq: 28 Jun 2019 19:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	43.8	65.6
63	27.1	22.2	33.4

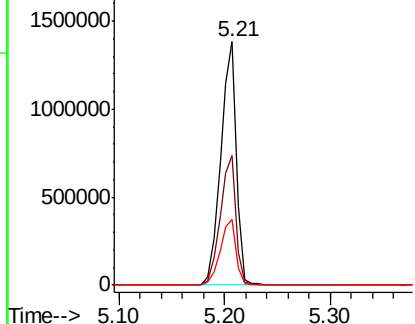
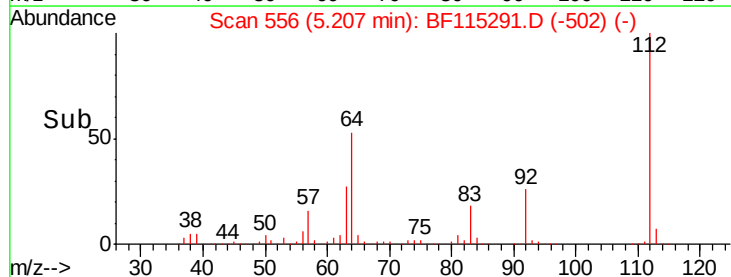


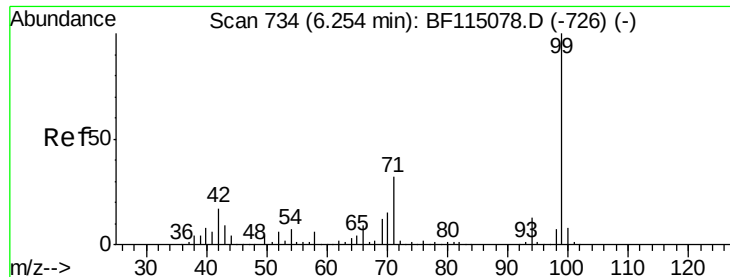
Abundance

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: 93.301 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115291.D

Acq: 28 Jun 2019 19:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-16

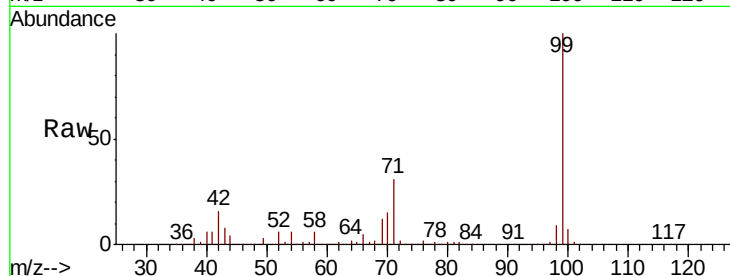
Tot Ion: 99 Resp: 1616781

Ion Ratio Lower Upper

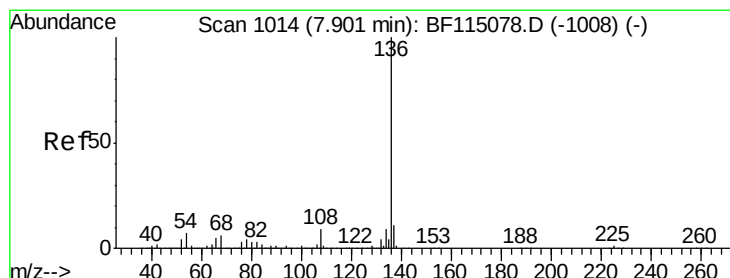
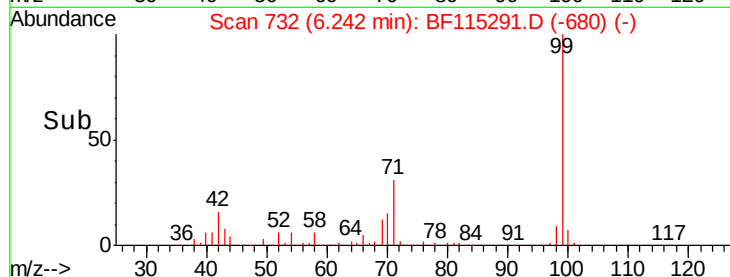
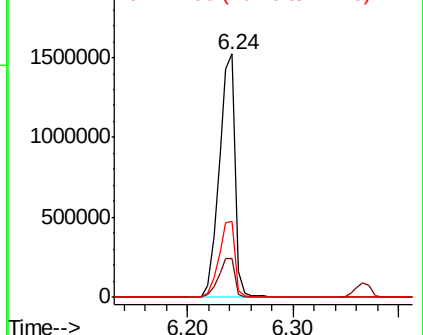
99 100

42 15.8 13.6 20.4

71 31.1 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: BF115291.D

Acq: 28 Jun 2019 19:44

Tgt Ion:136 Resp: 838394

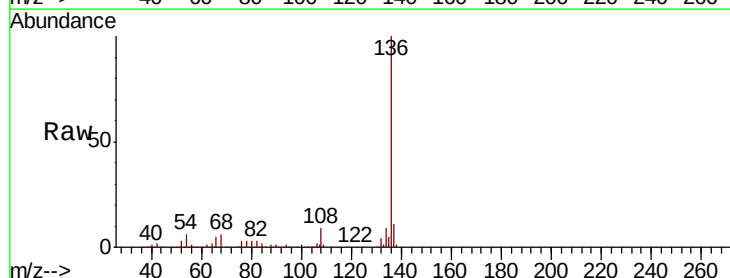
Ion Ratio Lower Upper

136 100

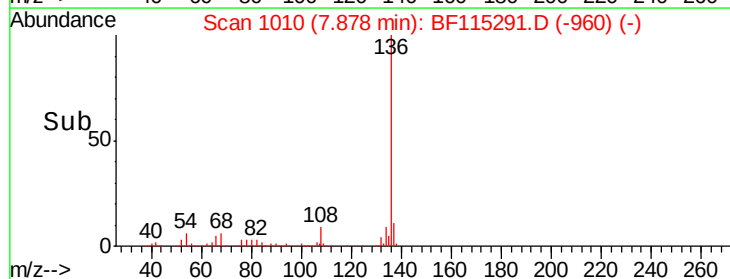
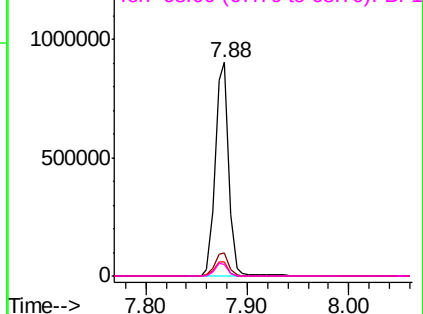
137 11.1 8.9 13.3

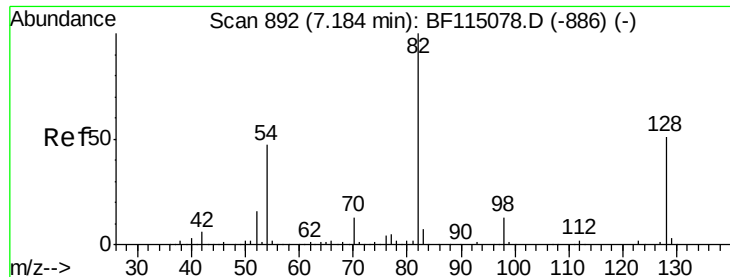
54 6.3 5.6 8.4

68 5.6 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

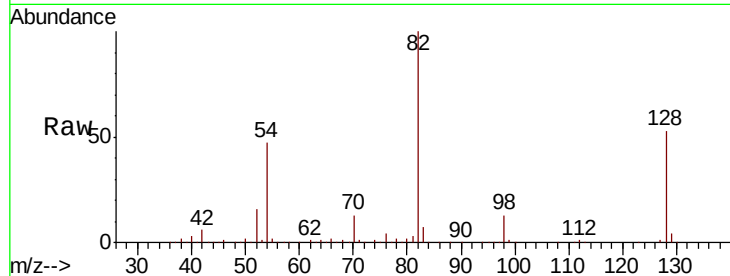




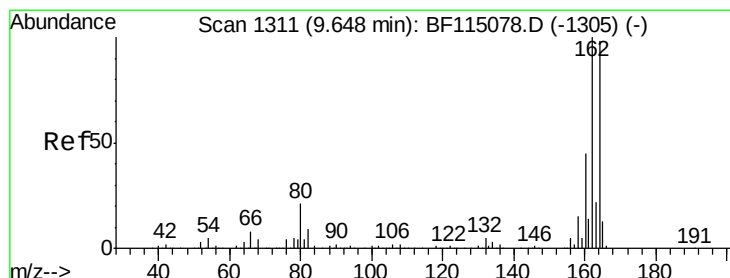
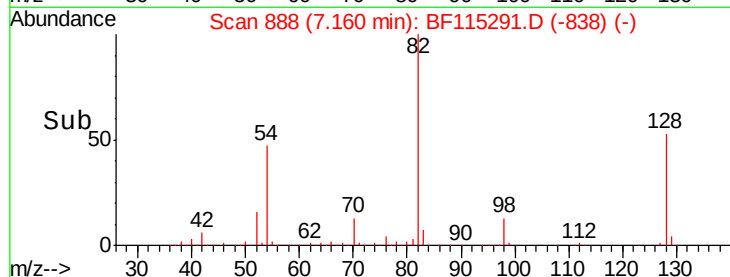
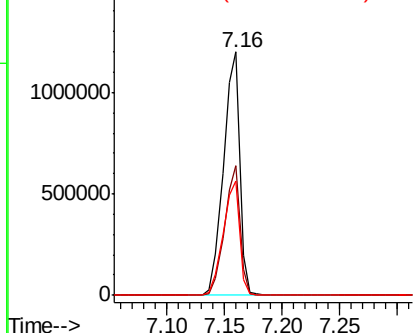
#23
 Nitrobenzene-d5
 Concen: 86.337 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF115291.D
 Acq: 28 Jun 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-16

Tot Ion: 82 Resp: 1176691
 Ion Ratio Lower Upper
 82 100
 128 53.3 40.4 60.6
 54 46.7 37.5 56.3

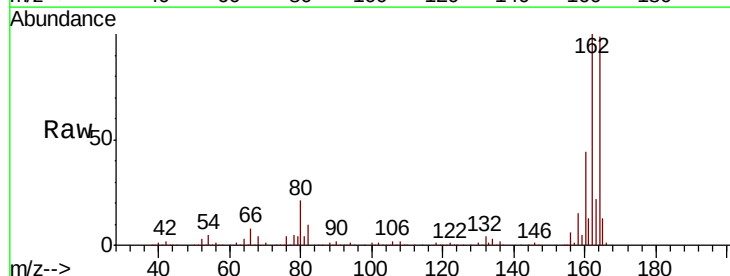


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

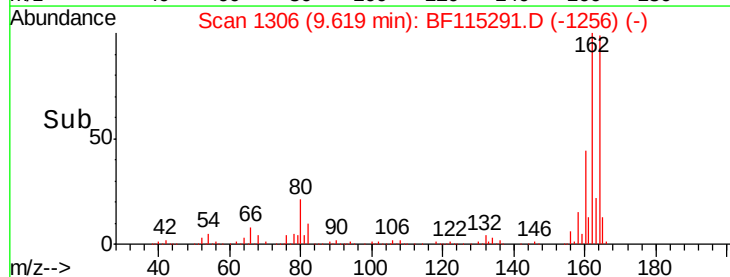
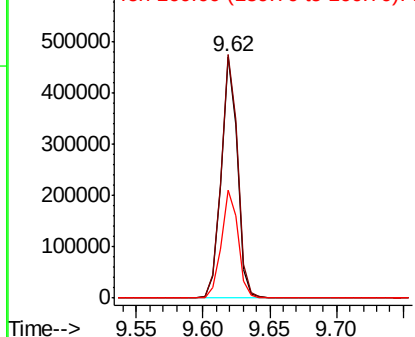


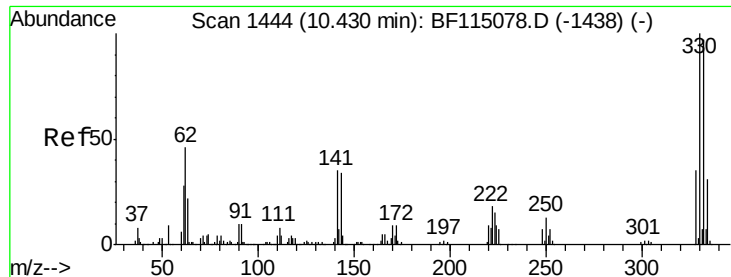
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF115291.D
 Acq: 28 Jun 2019 19:44

Tgt Ion:164 Resp: 406063
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.7 122.5
 160 44.6 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: 134.636 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF115291.D

Acq: 28 Jun 2019 19:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-16

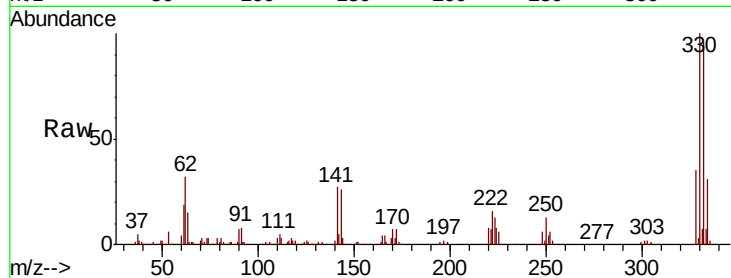
Tot Ion:330 Resp: 576522

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 32.1 28.2 42.2

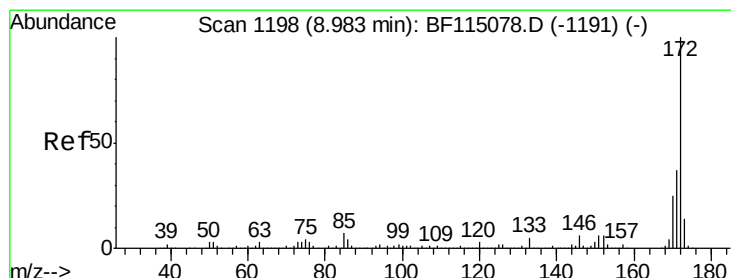
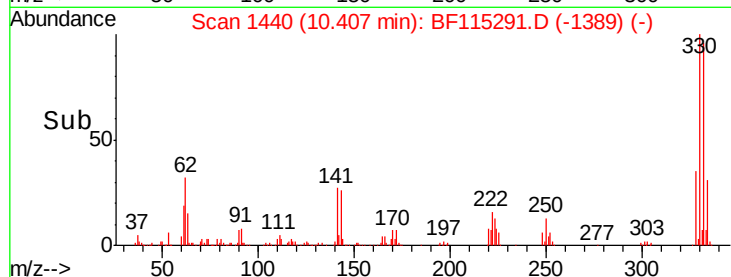
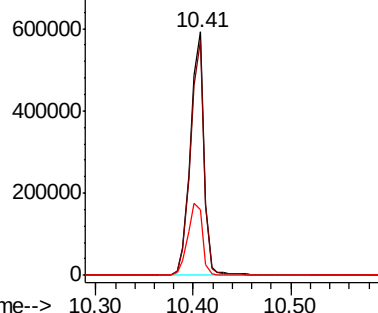


Abundance

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: 93.094 ng

RT: 8.95 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF115291.D

Acq: 28 Jun 2019 19:44

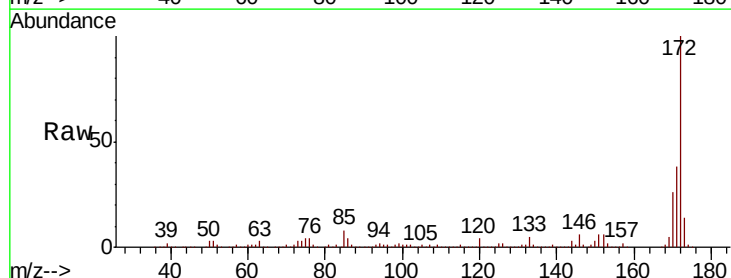
Tgt Ion:172 Resp: 2225458

Ion Ratio Lower Upper

172 100

171 38.1 29.8 44.6

170 25.6 20.3 30.5

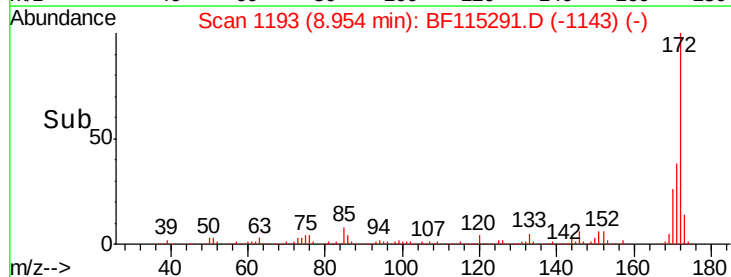
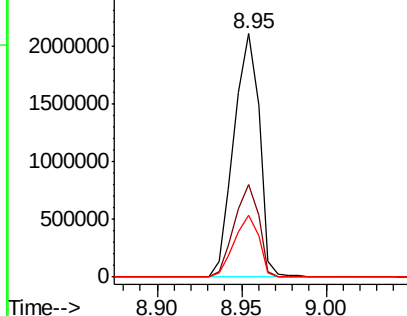


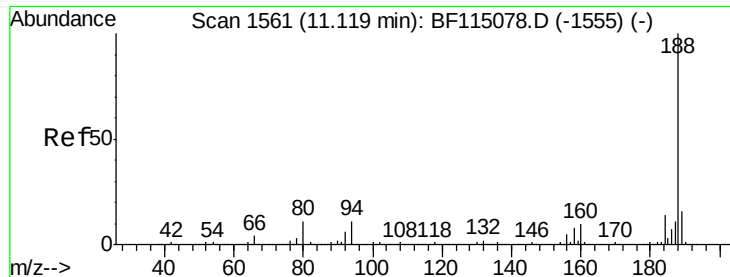
Abundance

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

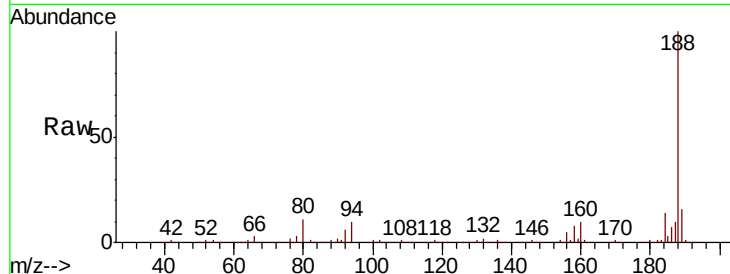




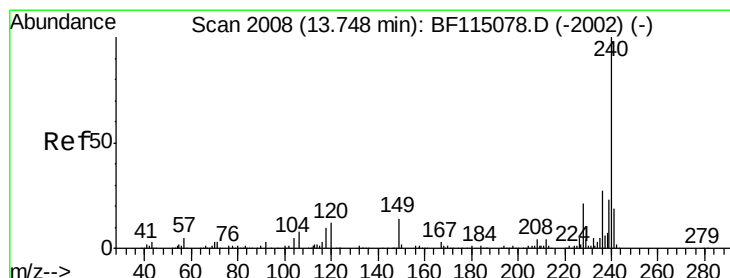
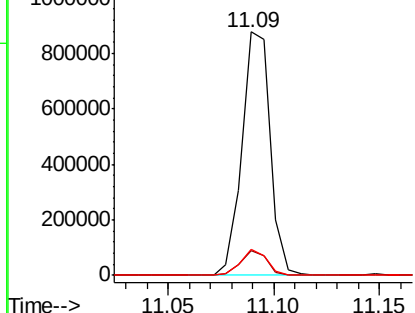
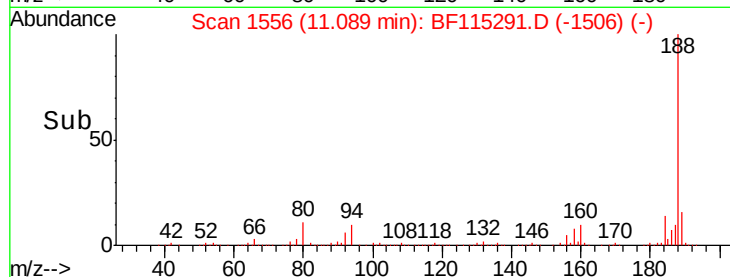
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF115291.D
Acq: 28 Jun 2019 19:44

Instrument :
BNA_F
ClientSampleId :
SAMPLE-16

Tot Ion:188 Resp: 812141
Ion Ratio Lower Upper
188 100
94 10.4 8.6 12.8
80 10.8 8.8 13.2

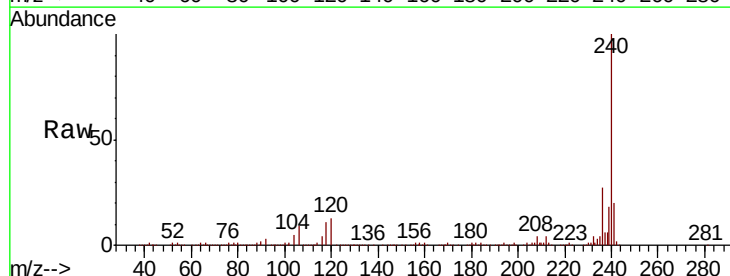


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

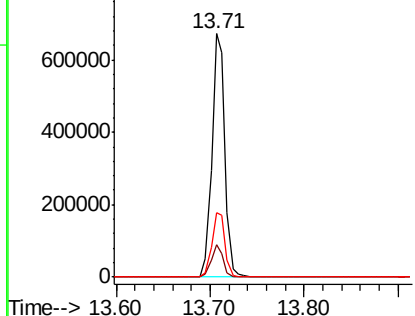
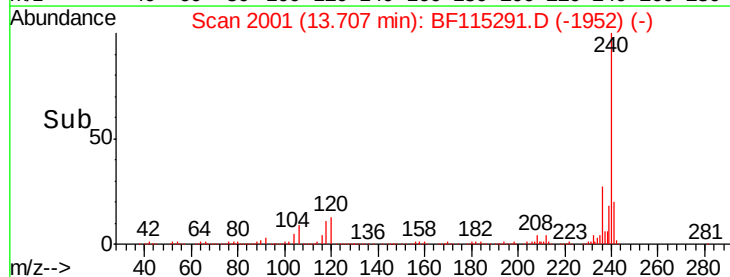


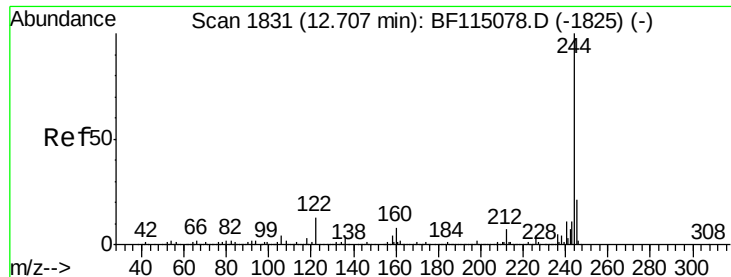
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF115291.D
Acq: 28 Jun 2019 19:44

Tgt Ion:240 Resp: 658367
Ion Ratio Lower Upper
240 100
120 13.1 9.4 14.2
236 26.6 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: 84.106 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115291.D

Acq: 28 Jun 2019 19:44

Instrument :

BNA_F

ClientSampleId :

SAMPLE-16

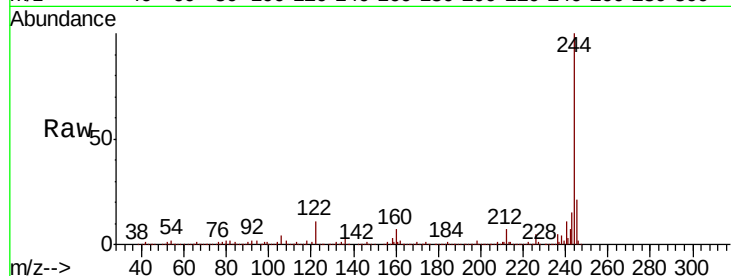
Tot Ion:244 Resp: 2604339

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

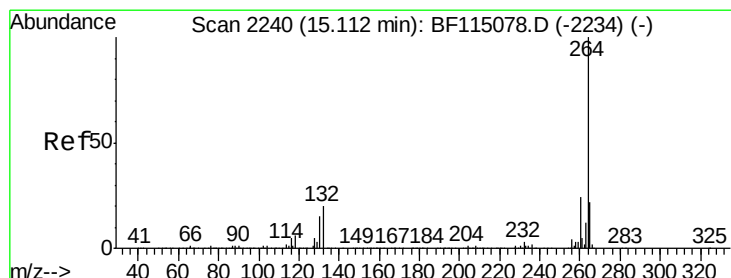
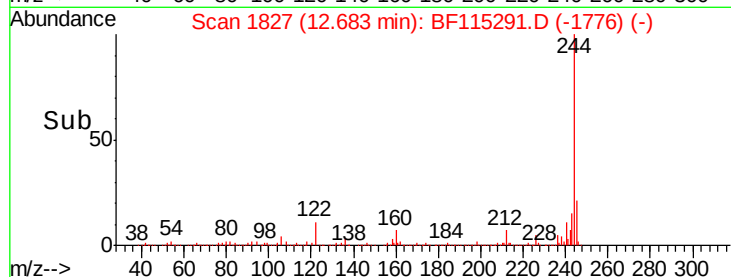
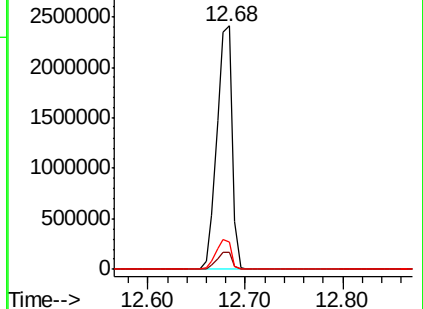
122 11.2 10.4 15.6



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: BF115291.D

Acq: 28 Jun 2019 19:44

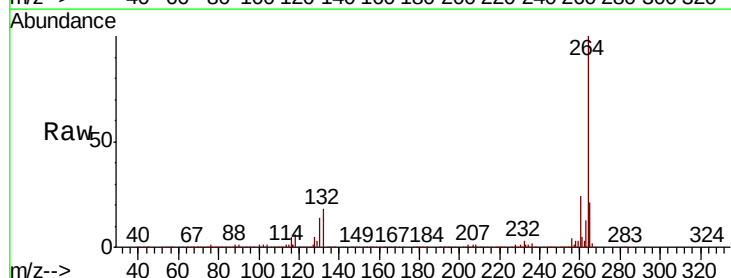
Tgt Ion:264 Resp: 676179

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 21.4 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

