

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115249.D
 Acq On : 27 Jun 2019 22:15
 Operator : HP/JU
 Sample : K3532-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

Quant Time: Jun 28 07:05:36 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

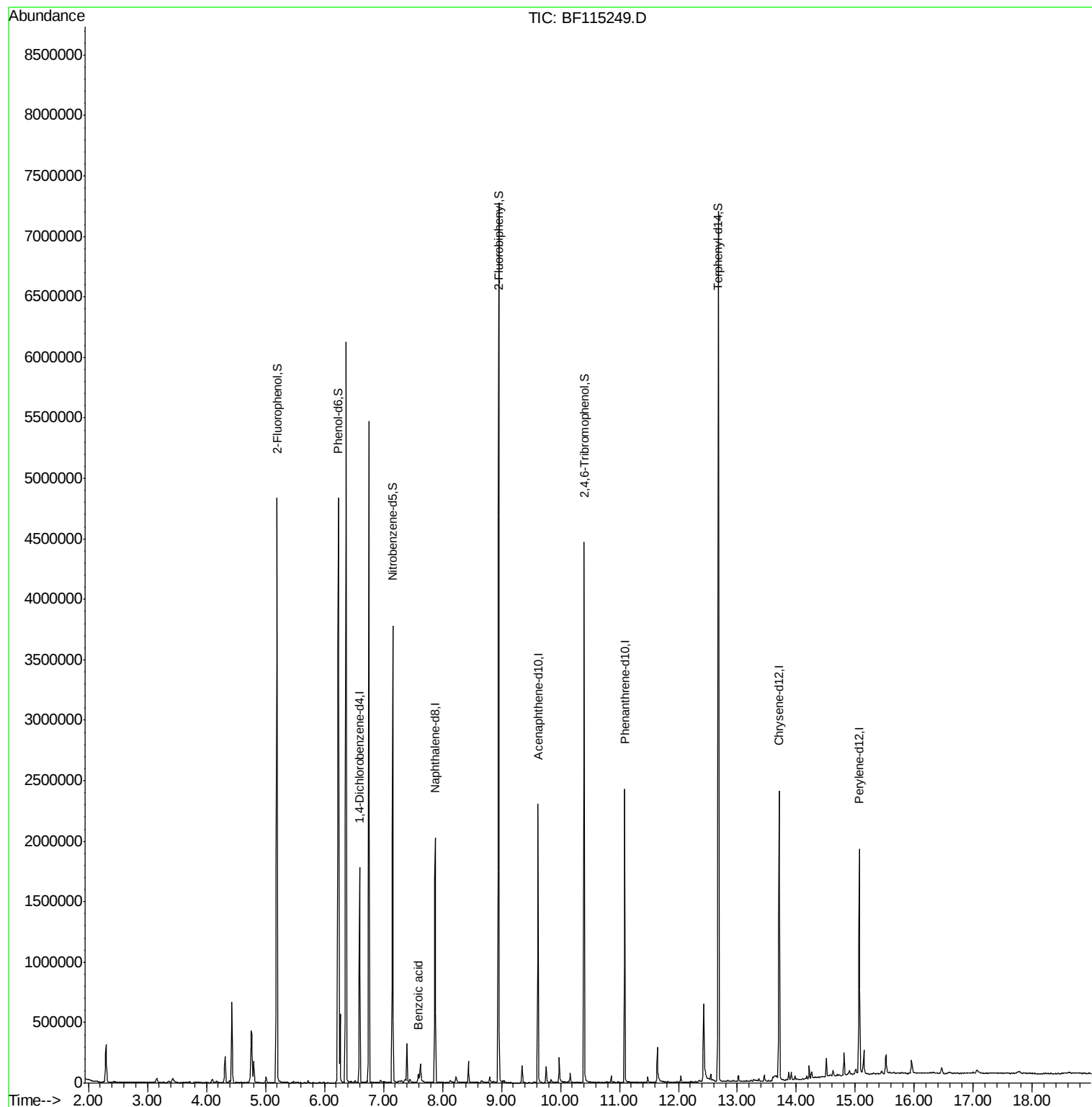
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	233741	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	880219	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	431200	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	859784	20.00	ng	0.00
76) Chrysene-d12	13.71	240	744597	20.00	ng	-0.01
87) Perylene-d12	15.07	264	783909	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1653192	109.14	ng	0.00
7) Phenol-d6	6.24	99	1966514	106.97	ng	0.00
23) Nitrobenzene-d5	7.16	82	1305014	91.20	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	604588	132.96	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2386506	94.01	ng	0.00
79) Terphenyl-d14	12.68	244	2829472	80.79	ng	0.00
Target Compounds						
32) Benzoic acid	7.60	122	23725	2.608	ng	Qvalue 96

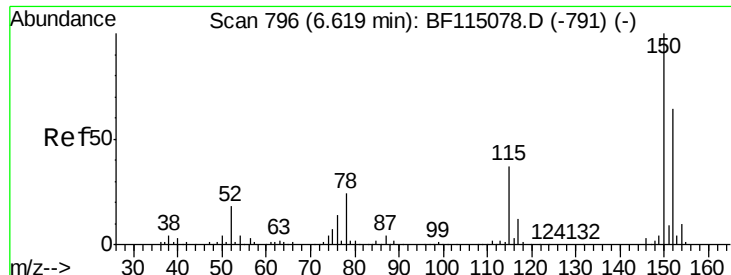
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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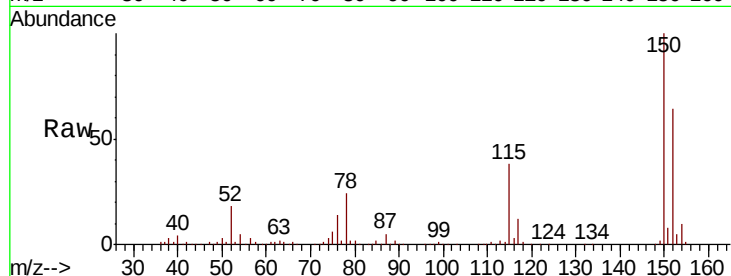


#1

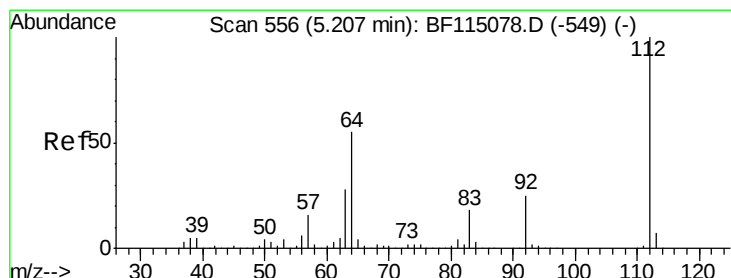
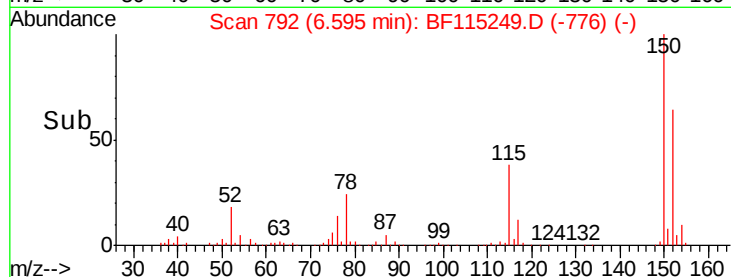
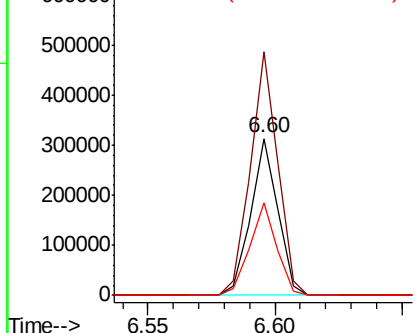
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

Tot Ion:152 Resp: 233741
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 59.4 46.1 69.1



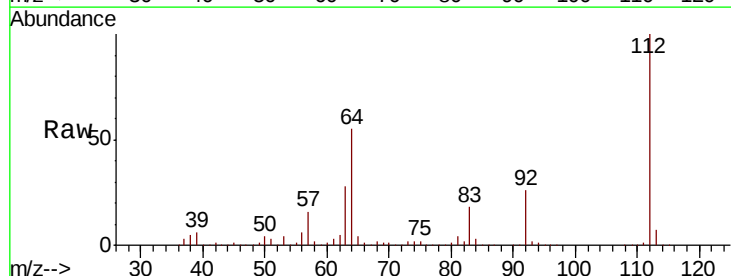
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



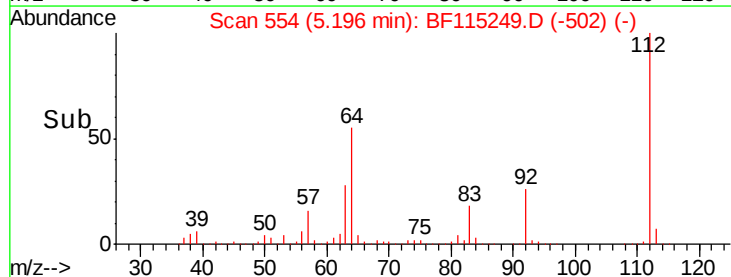
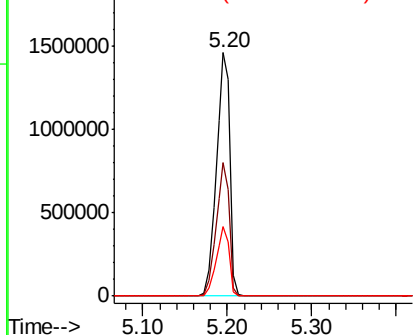
#5

2-Fluorophenol
Concen: 109.145 ng
RT: 5.20 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion:112 Resp: 1653192
Ion Ratio Lower Upper
112 100
64 55.0 43.8 65.6
63 28.4 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: 106.966 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

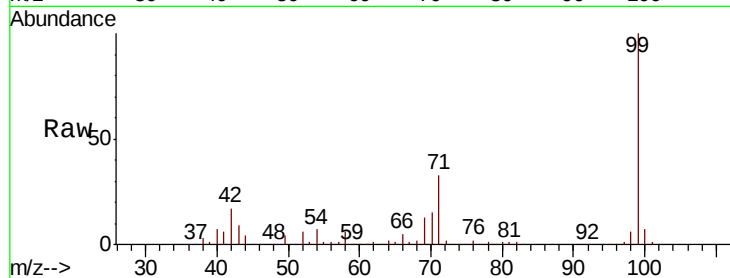
Tot Ion: 99 Resp: 1966514

Ion Ratio Lower Upper

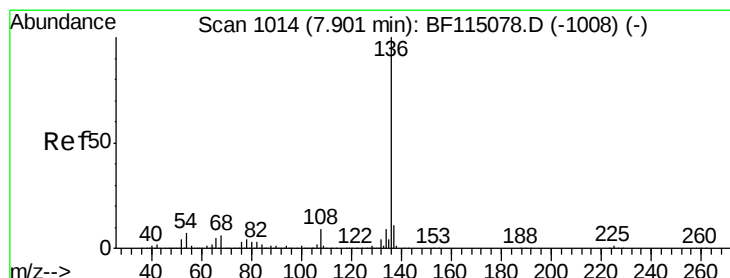
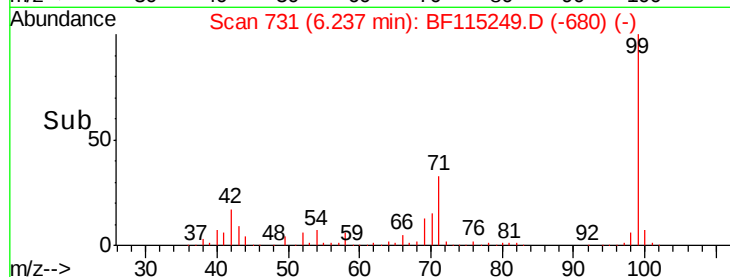
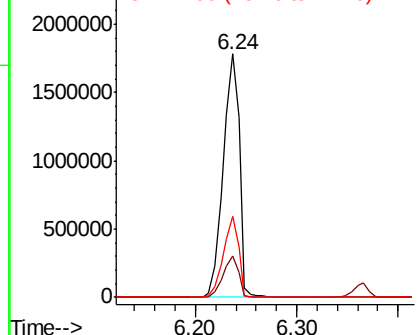
99 100

42 16.9 13.6 20.4

71 33.1 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: BF115249.D

Acq: 27 Jun 2019 22:15

Tgt Ion:136 Resp: 880219

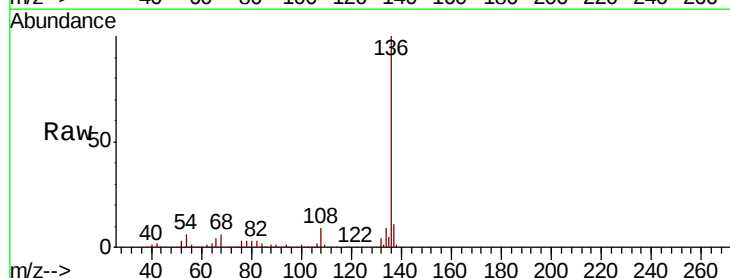
Ion Ratio Lower Upper

136 100

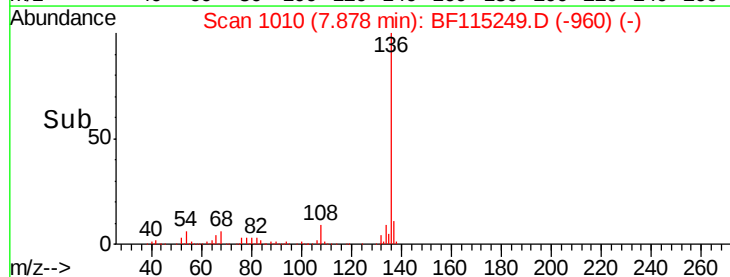
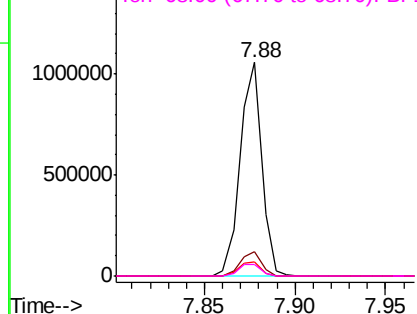
137 11.2 8.9 13.3

54 6.4 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

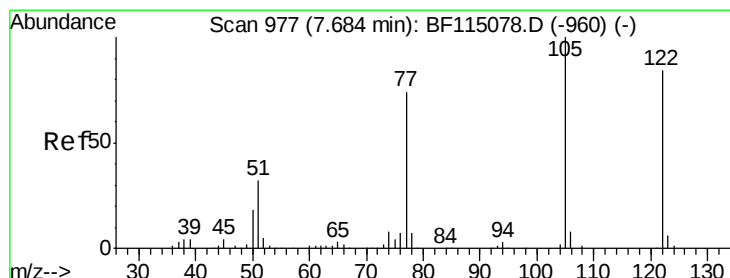
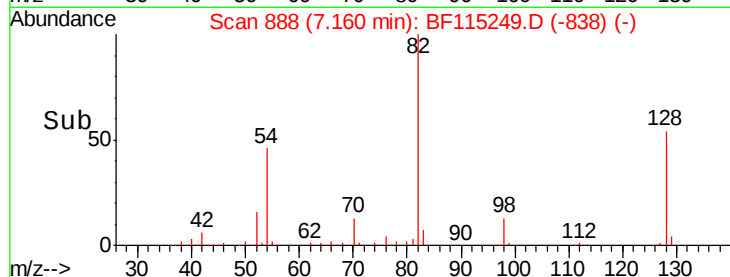
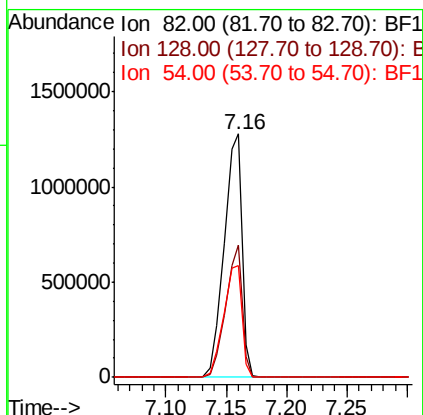
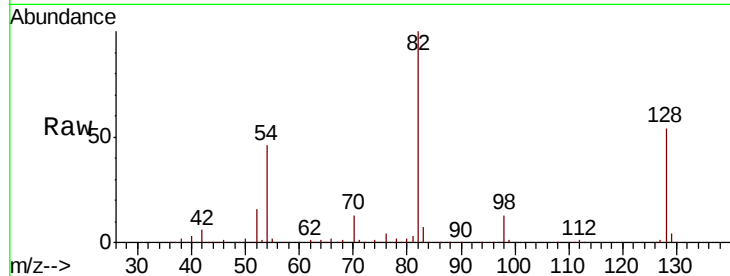




#23
Nitrobenzene-d5
Concen: 91.203 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

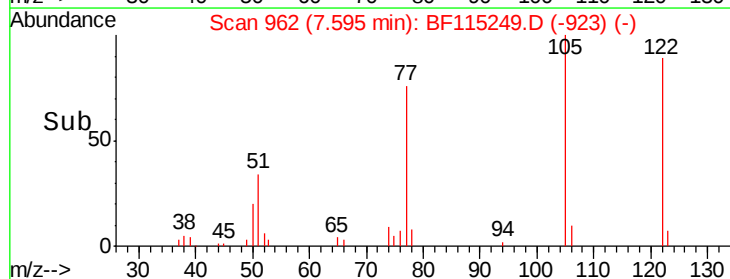
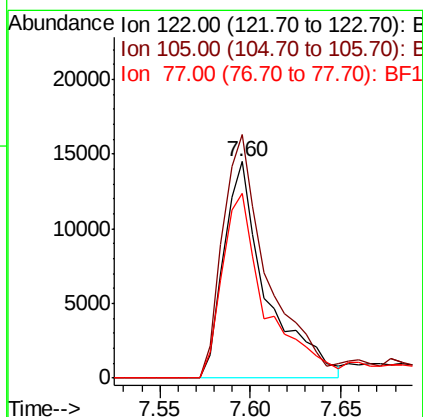
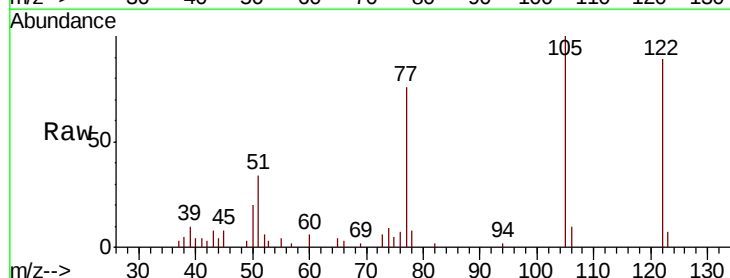
Instrument :
BNA_F
ClientSampleId :
TRIANGLE-AREA-SOIL-A

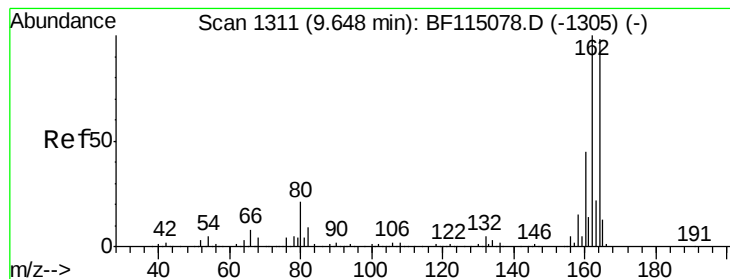
Tot Ion: 82 Resp: 1305014
Ion Ratio Lower Upper
82 100
128 54.1 40.4 60.6
54 46.0 37.5 56.3



#32
Benzoic acid
Concen: 2.608 ng
RT: 7.60 min Scan# 962
Delta R.T. -0.07 min
Lab File: BF115249.D
Acq: 27 Jun 2019 22:15

Tgt Ion: 122 Resp: 23725
Ion Ratio Lower Upper
122 100
105 112.5 98.2 138.2
77 85.3 67.0 107.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

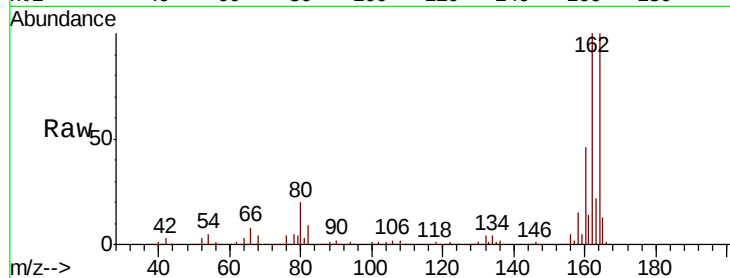
Tot Ion:164 Resp: 431200

Ion Ratio Lower Upper

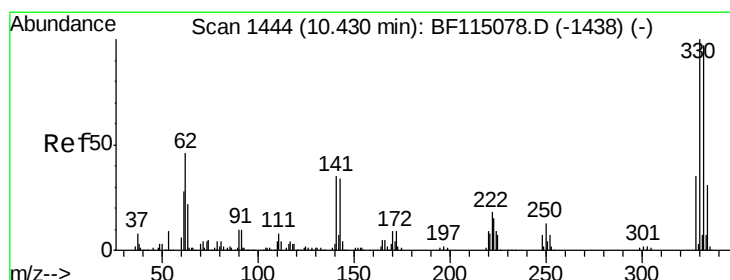
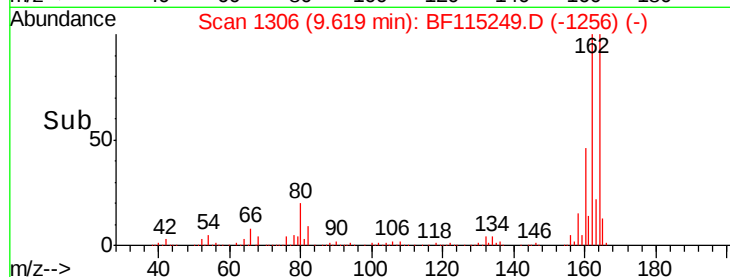
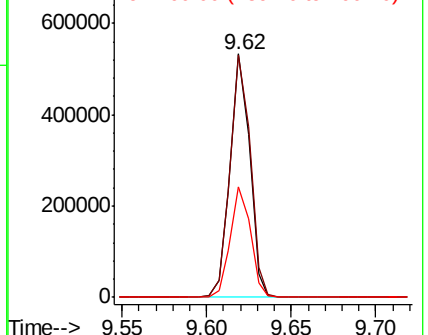
164 100

162 99.6 81.7 122.5

160 45.5 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: 132.960 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

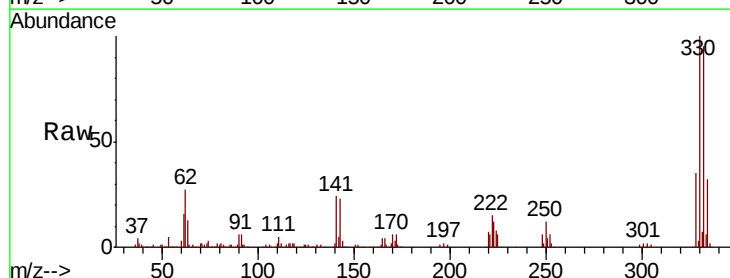
Tgt Ion:330 Resp: 604588

Ion Ratio Lower Upper

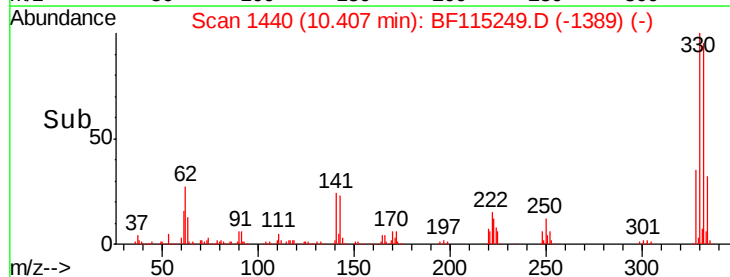
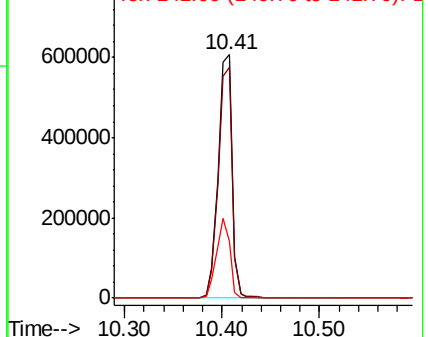
330 100

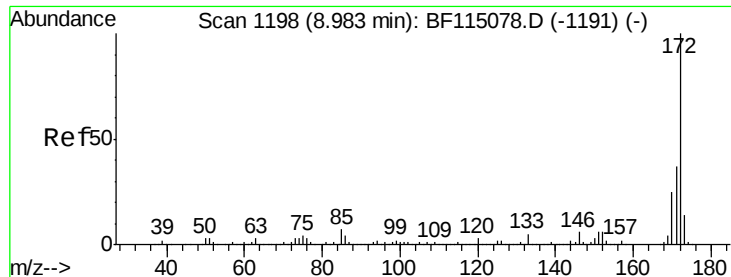
332 94.7 77.3 115.9

141 32.0 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



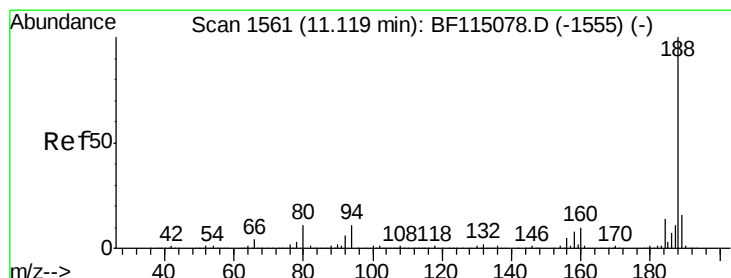
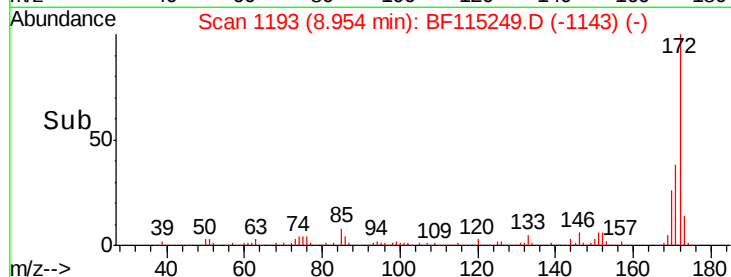
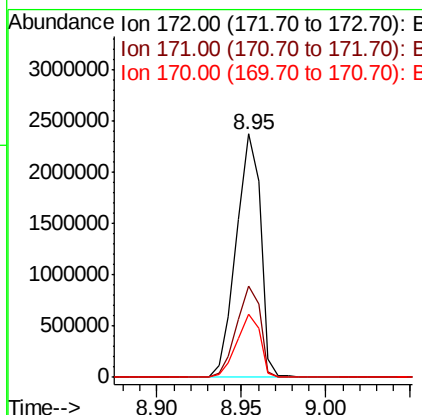
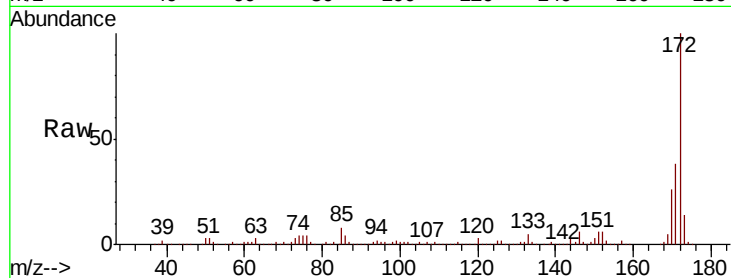


#45
 2-Fluorobiphenyl
 Concen: 94.011 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

Tot Ion:172 Resp: 2386506

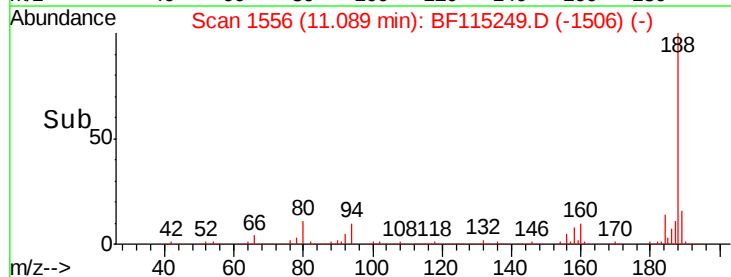
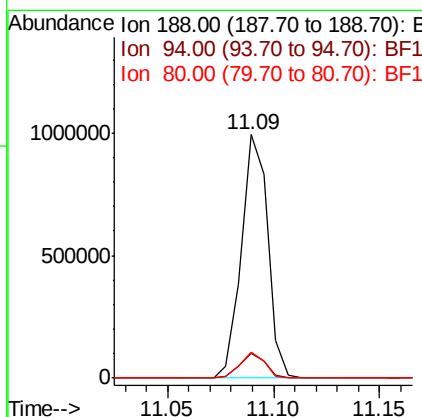
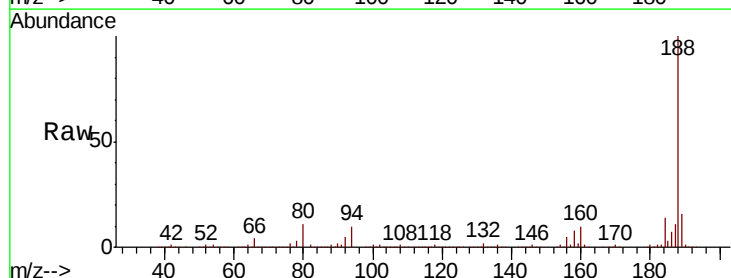
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.9	20.3	30.5

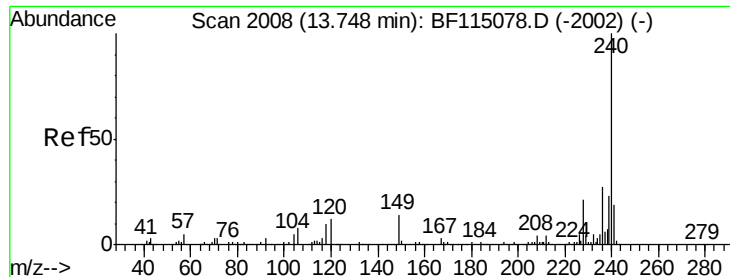


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.09 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

Tgt Ion:188 Resp: 859784

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.6	12.8
80	10.5	8.8	13.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

Instrument :

BNA_F

ClientSampleId :

TRIANGLE-AREA-SOIL-A

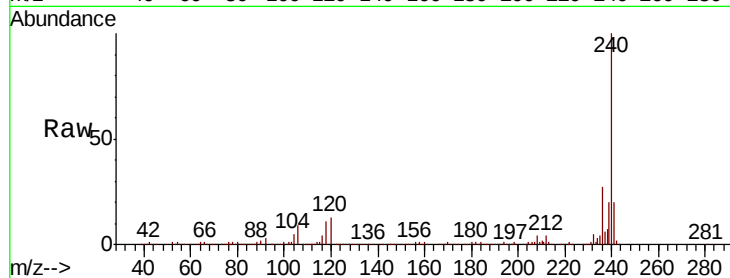
Tot Ion:240 Resp: 744597

Ion Ratio Lower Upper

240 100

120 12.6 9.4 14.2

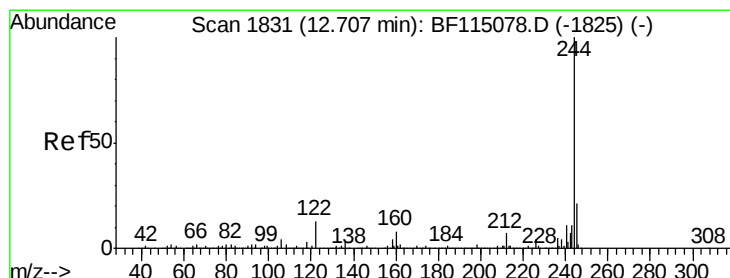
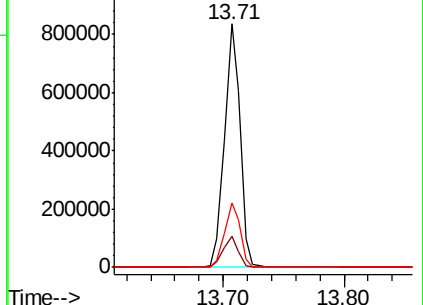
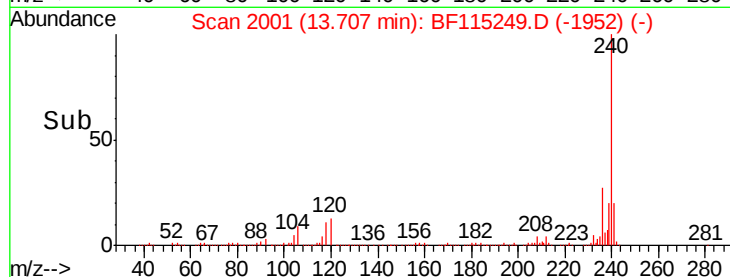
236 26.6 21.7 32.5



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: 80.794 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF115249.D

Acq: 27 Jun 2019 22:15

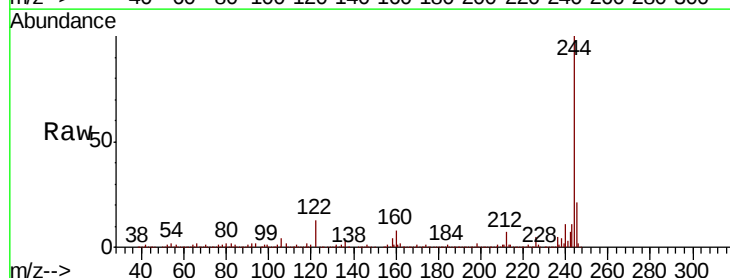
Tgt Ion:244 Resp: 2829472

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

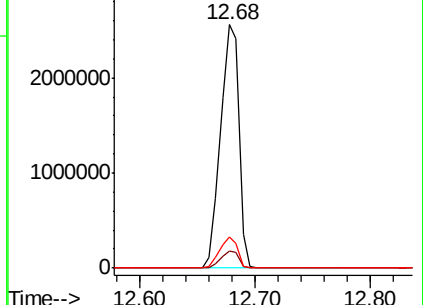
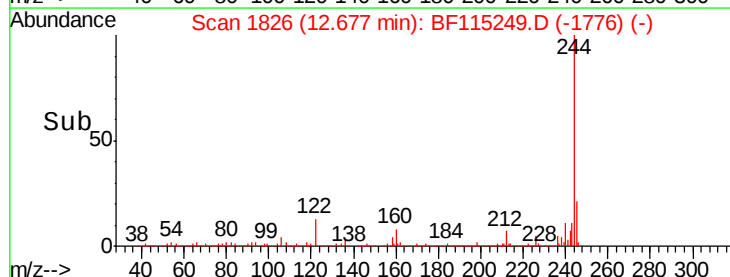
122 12.6 10.4 15.6

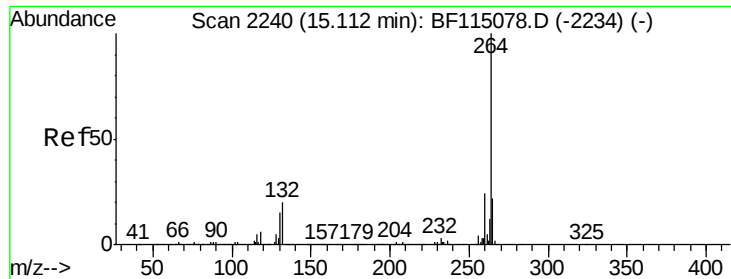


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BF115249.D
 Acq: 27 Jun 2019 22:15

Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE-AREA-SOIL-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	22.0	17.3	25.9

