

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115536.D
 Acq On : 12 Jul 2019 19:44
 Operator : HP/JU
 Sample : K3740-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-24

Quant Time: Jul 13 02:13:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

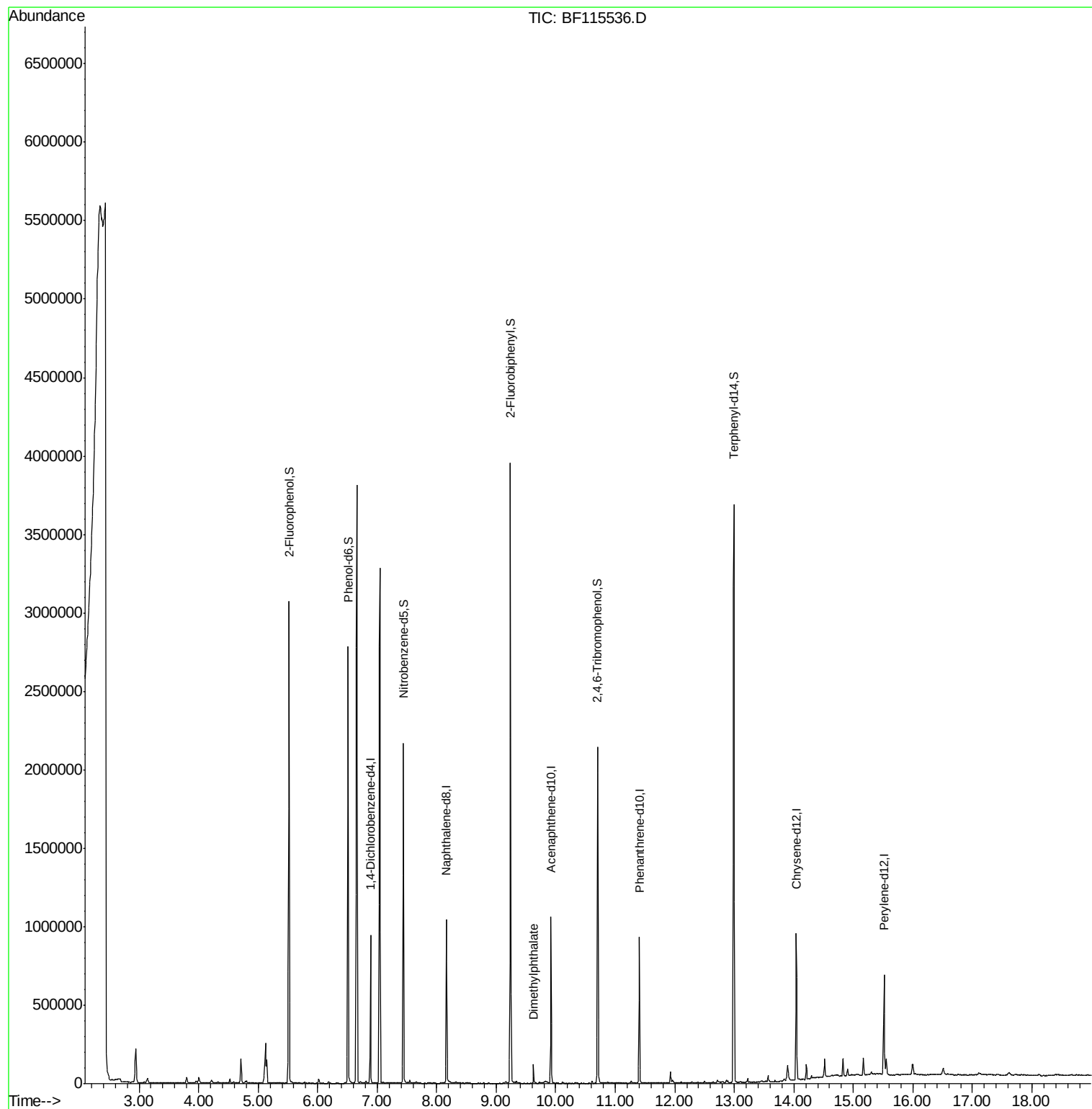
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	134584	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	469709	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	201177	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	323940	20.00	ng	0.00
76) Chrysene-d12	14.04	240	287122	20.00	ng	-0.01
87) Perylene-d12	15.52	264	303283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	972906	118.25	ng	0.02
7) Phenol-d6	6.51	99	1125824	107.84	ng	0.00
23) Nitrobenzene-d5	7.44	82	828769	102.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	297857	126.84	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1381128	120.16	ng	-0.01
79) Terphenyl-d14	12.99	244	1288114	82.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	47618	3.146	ng	Qvalue 99

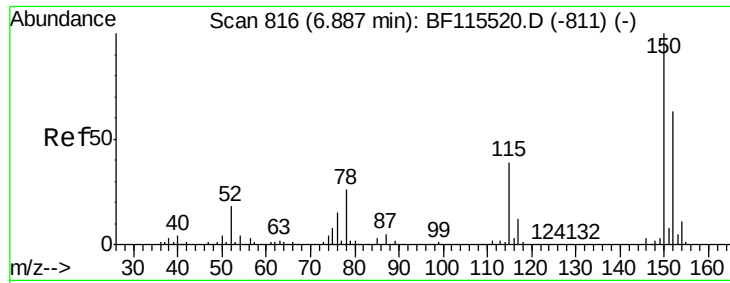
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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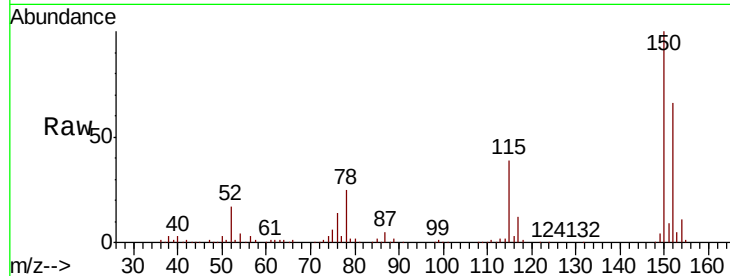


#1

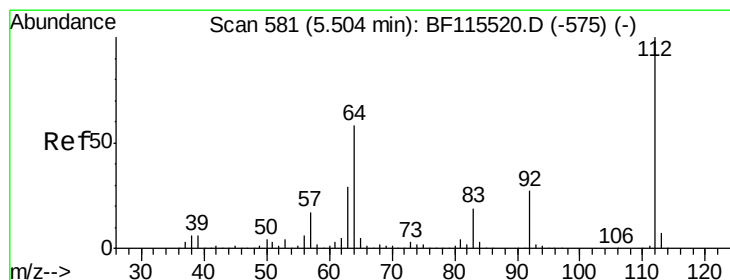
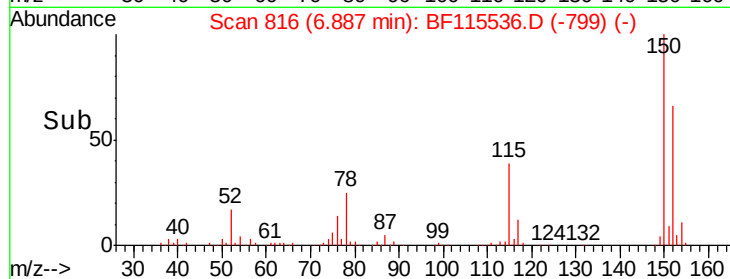
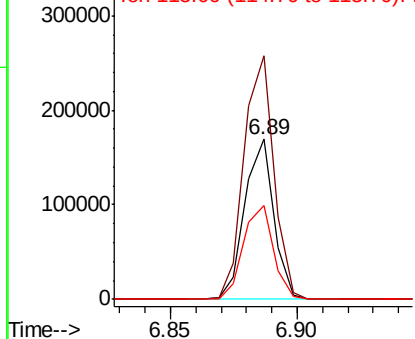
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF115536.D
 Acq: 12 Jul 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :
 COMP-24

Tot Ion:152 Resp: 134584
 Ion Ratio Lower Upper
 152 100
 150 152.3 129.7 194.5
 115 58.8 48.2 72.4



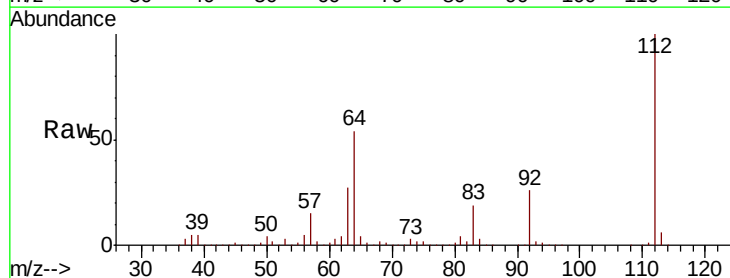
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



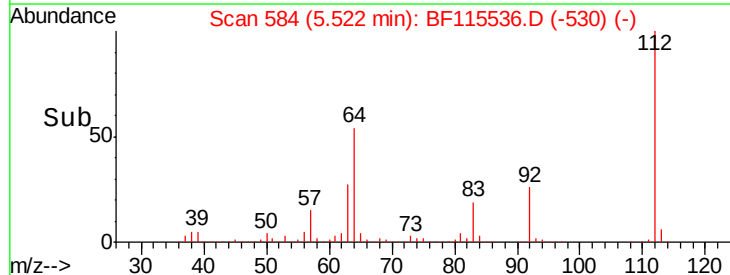
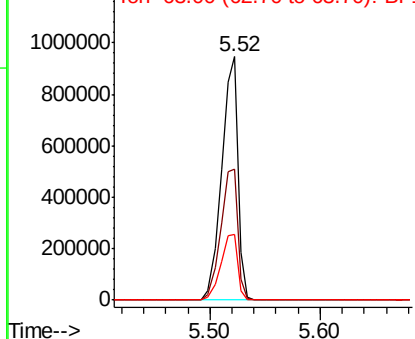
#5

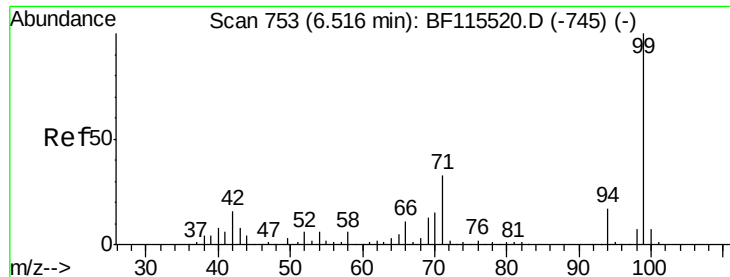
2-Fluorophenol
 Concen: 118.245 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.02 min
 Lab File: BF115536.D
 Acq: 12 Jul 2019 19:44

Tgt Ion:112 Resp: 972906
 Ion Ratio Lower Upper
 112 100
 64 53.9 46.8 70.2
 63 27.2 24.1 36.1



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: 107.835 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

Instrument :

BNA_F

ClientSampled :

COMP-24

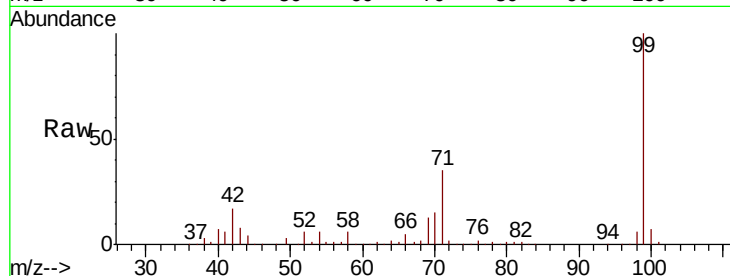
Tot Ion: 99 Resp: 1125824

Ion Ratio Lower Upper

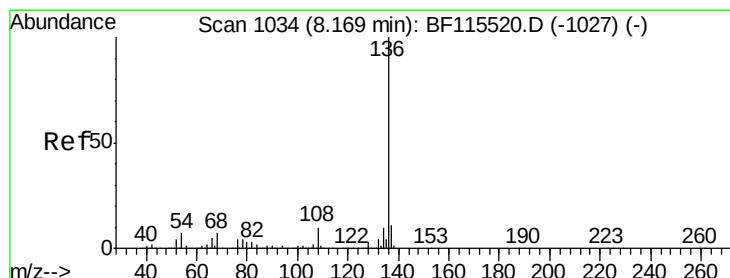
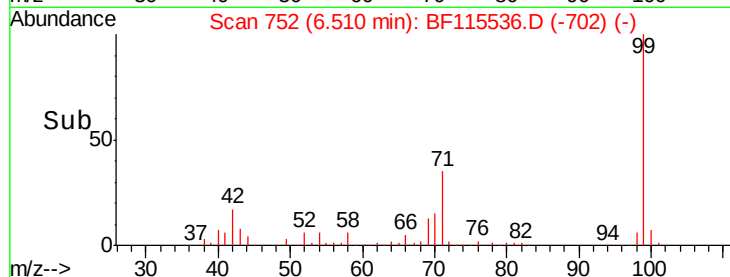
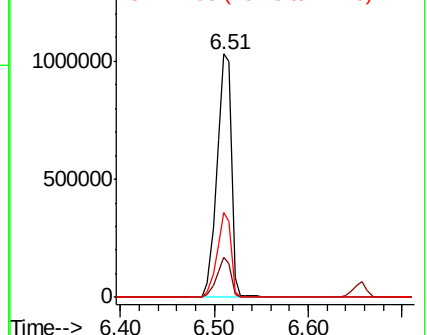
99 100

42 16.6 13.6 20.4

71 34.8 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

Tgt Ion: 136 Resp: 469709

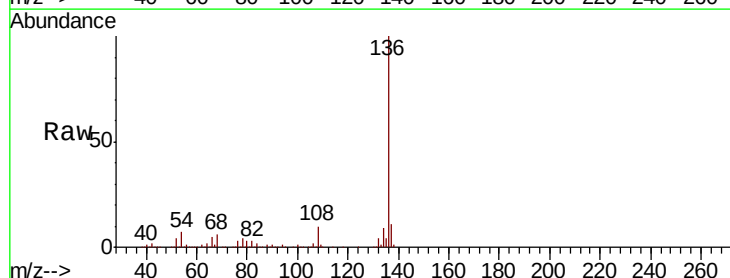
Ion Ratio Lower Upper

136 100

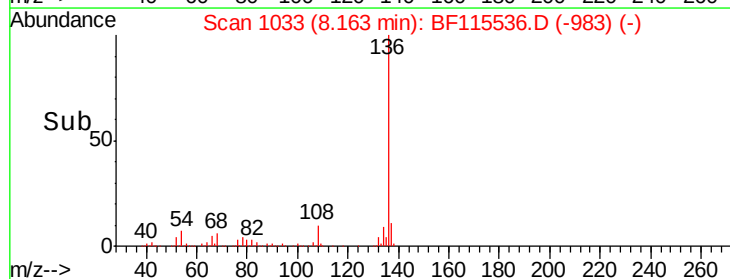
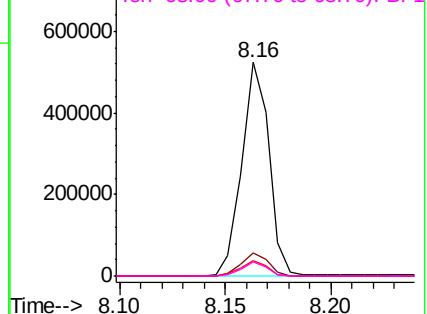
137 11.1 9.0 13.4

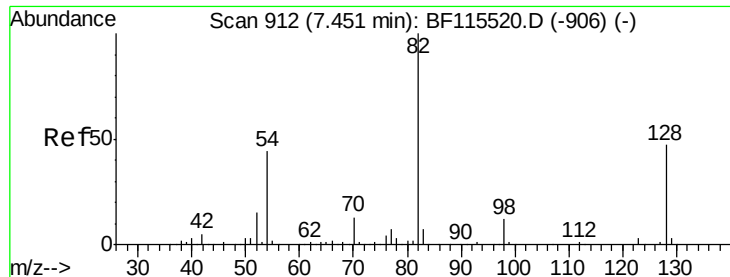
54 7.1 5.6 8.4

68 6.4 5.0 7.6



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

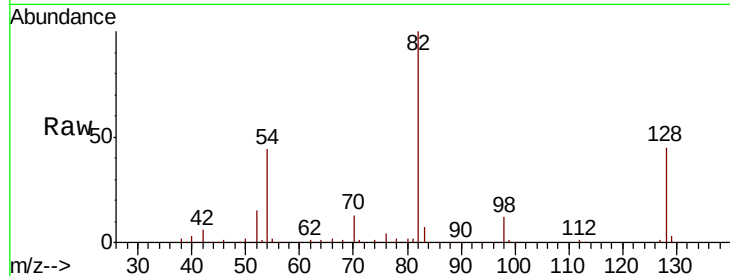




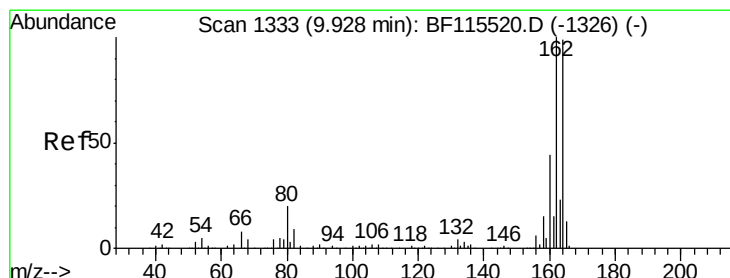
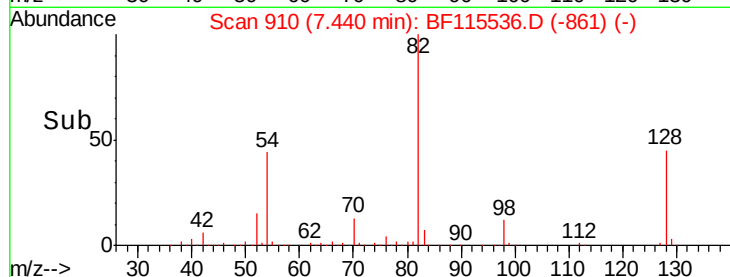
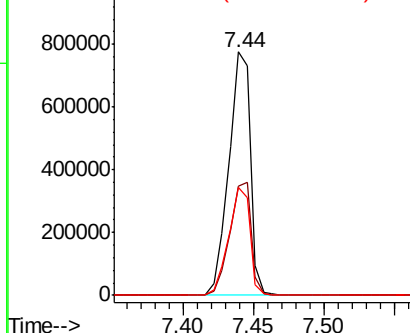
#23
Nitrobenzene-d5
Concen: 102.596 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115536.D
Acq: 12 Jul 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP-24

Tot Ion	82	Resp	828769
Ion Ratio	100		
Lower	38.6		
Upper	57.8		
128	44.8		
54	44.3		
	35.6		

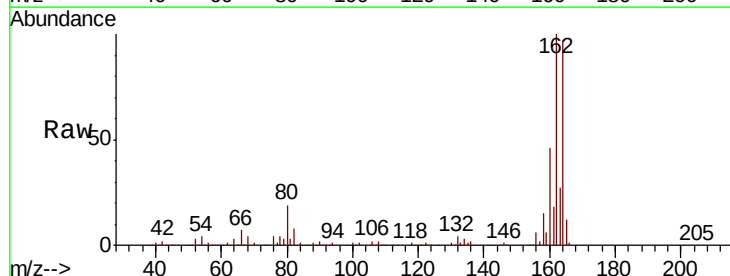


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

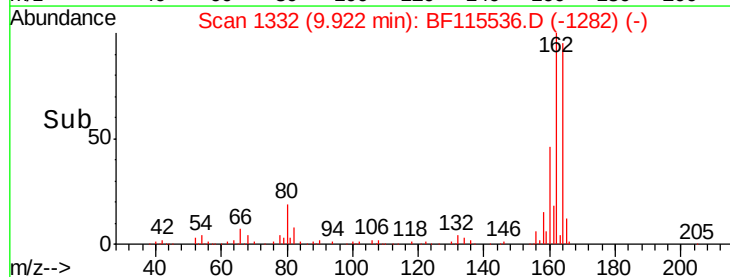
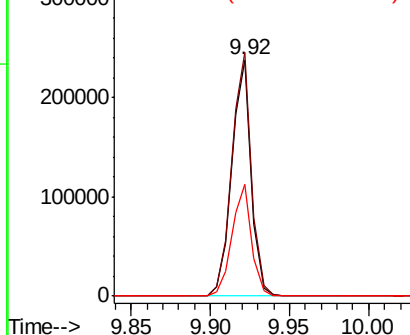


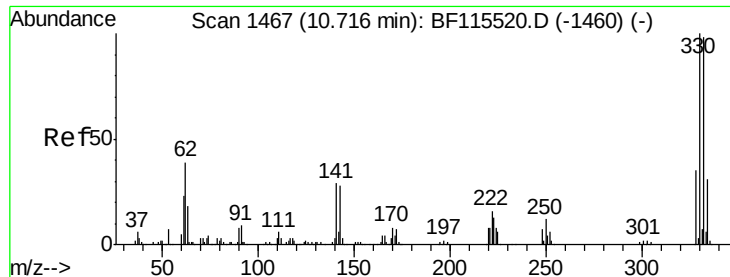
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115536.D
Acq: 12 Jul 2019 19:44

Tgt Ion	164	Resp	201177
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	82.9		
Upper	124.3		
162	103.0		
160	47.0		
	36.8		



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: 126.844 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

Instrument :

BNA_F

ClientSampleId :

COMP-24

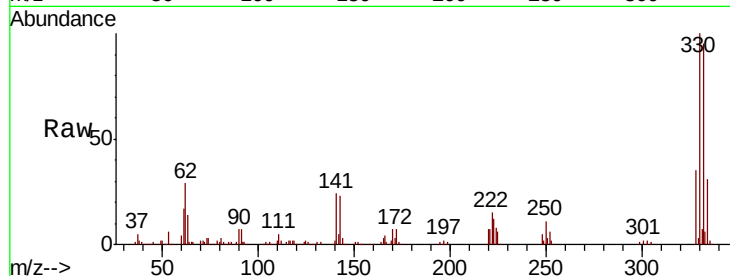
Tot Ion:330 Resp: 297857

Ion Ratio Lower Upper

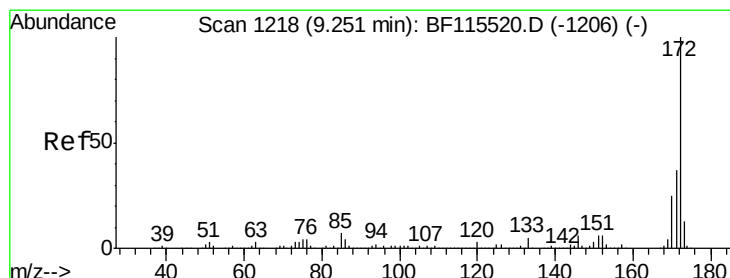
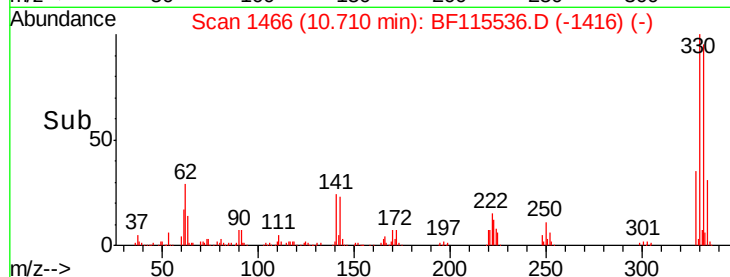
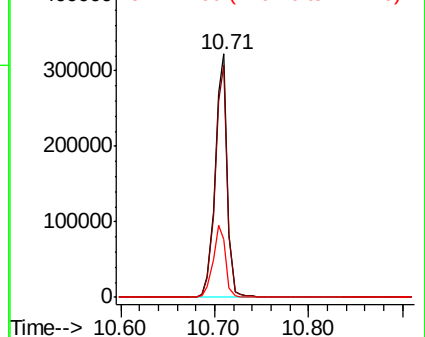
330 100

332 95.4 77.4 116.2

141 30.4 22.4 33.6



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: 120.161 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

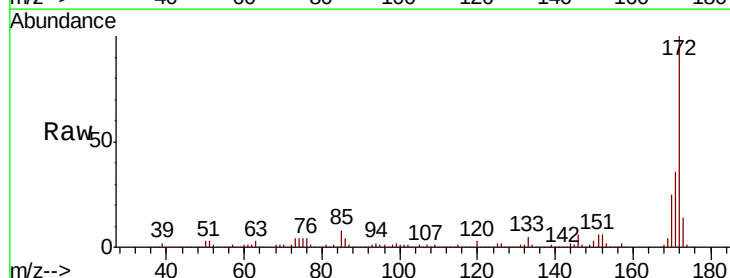
Tgt Ion:172 Resp: 1381128

Ion Ratio Lower Upper

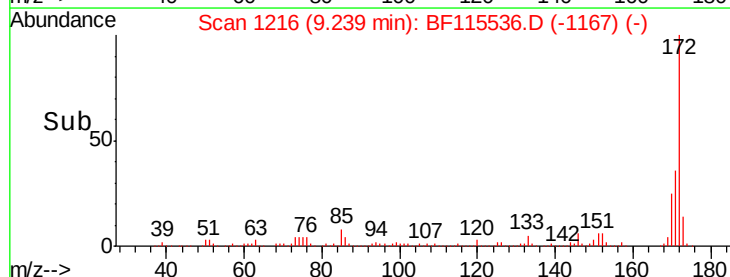
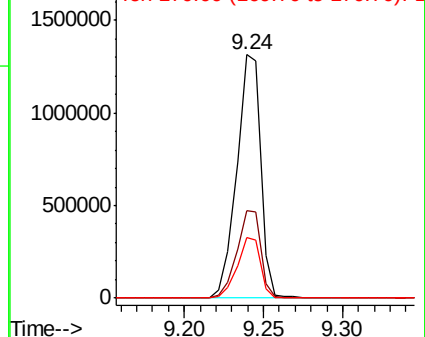
172 100

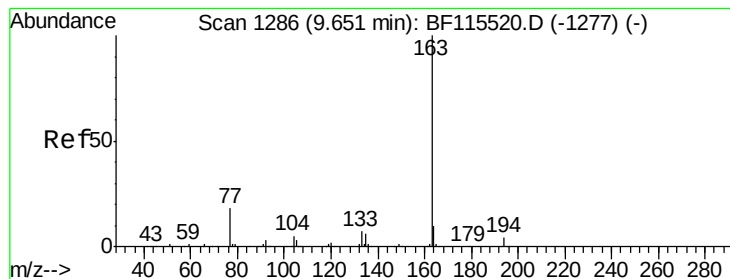
171 36.1 30.6 46.0

170 24.6 20.5 30.7



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





#50

Dimethylphthalate

Concen: 3.146 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

Instrument :

BNA_F

ClientSampleId :

COMP-24

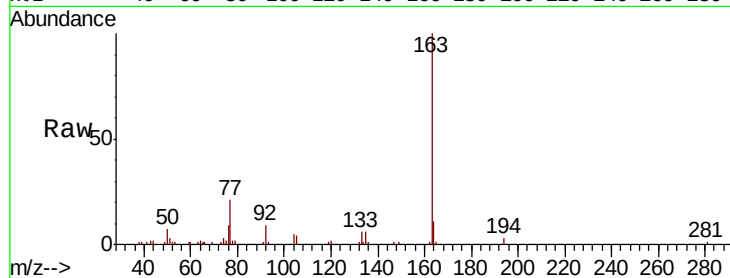
Tot Ion:163 Resp: 47618

Ion Ratio Lower Upper

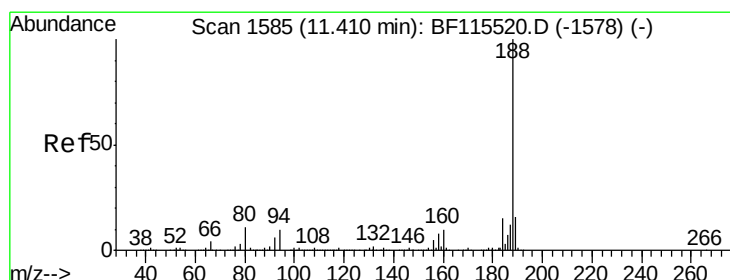
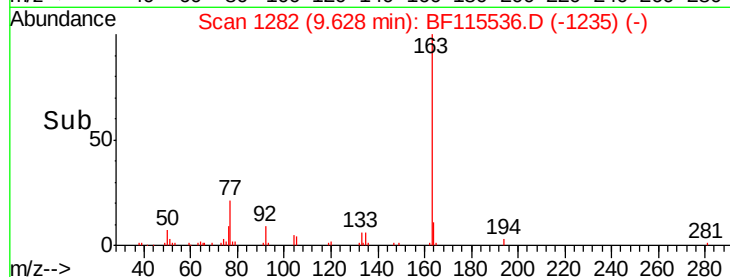
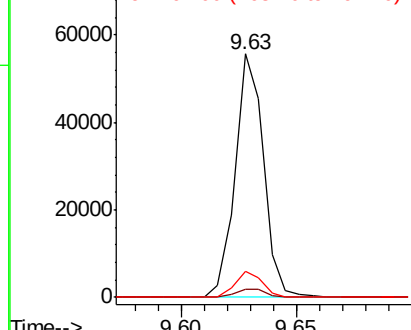
163 100

194 3.5 3.3 4.9

164 10.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115536.D

Acq: 12 Jul 2019 19:44

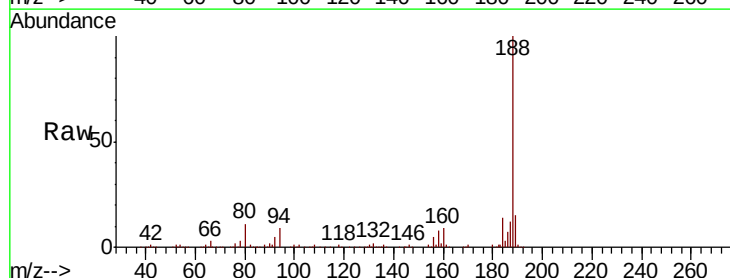
Tgt Ion:188 Resp: 323940

Ion Ratio Lower Upper

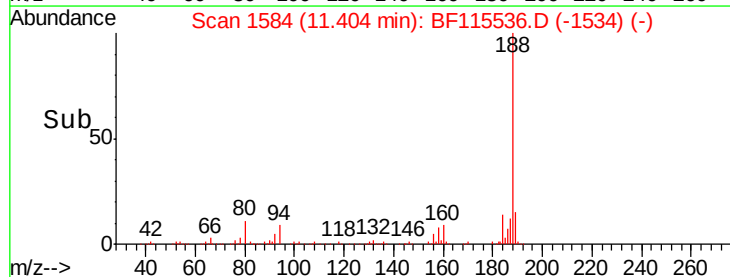
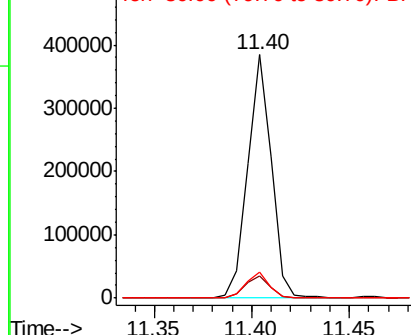
188 100

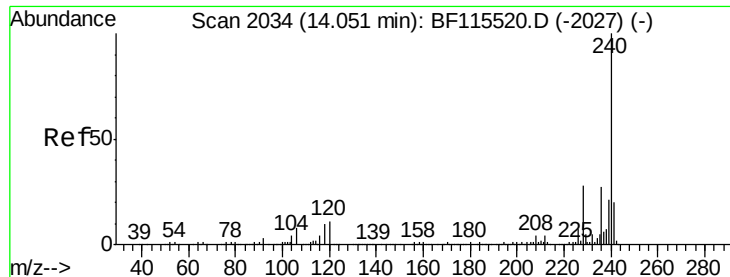
94 9.3 7.8 11.6

80 10.7 8.6 13.0



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

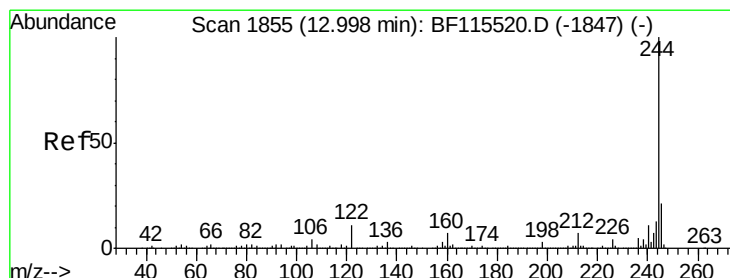
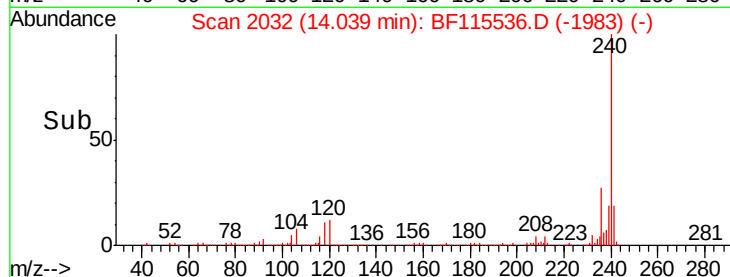
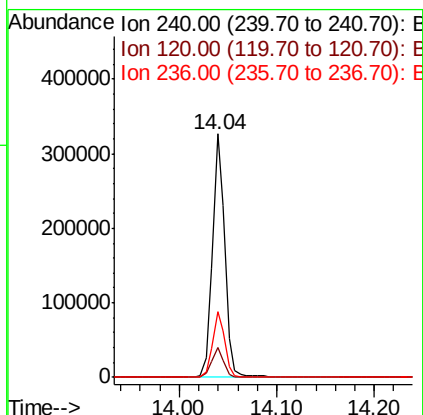
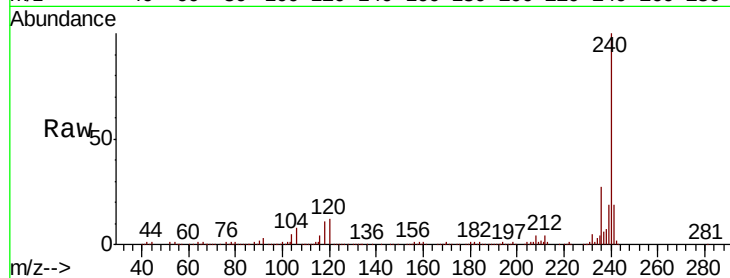




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115536.D
 Acq: 12 Jul 2019 19:44

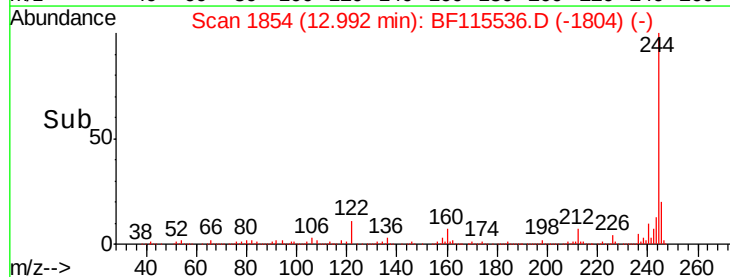
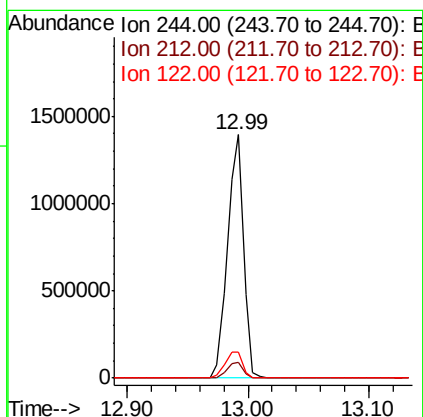
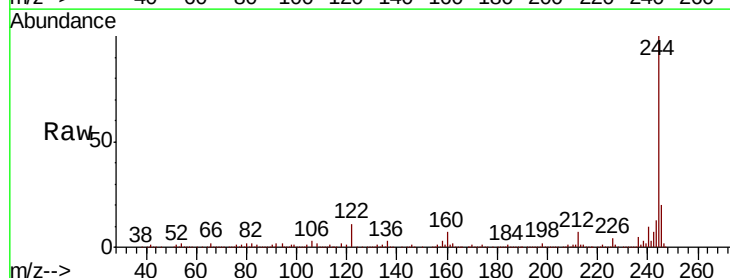
Instrument :
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 COMP-24

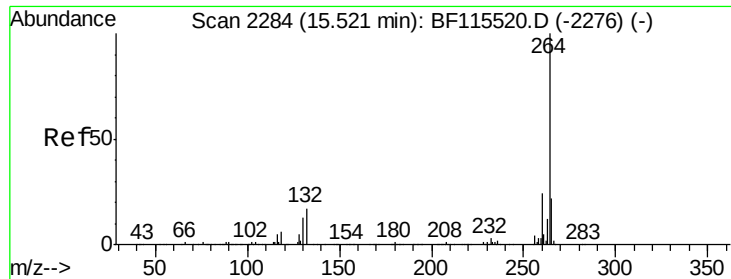
Tot Ion:240 Resp: 287122
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.6 13.0
 236 27.0 21.3 31.9



#79
 Terphenyl-d14
 Concen: 82.780 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115536.D
 Acq: 12 Jul 2019 19:44

Tgt Ion:244 Resp: 1288114
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 10.6 8.6 12.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115536.D
Acq: 12 Jul 2019 19:44

Instrument :
BNA_F
ClientSampleId :
COMP-24

Tot Ion:	264	Resp:	303283
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	22.2	17.7	26.5

