

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115371.D
 Acq On : 2 Jul 2019 20:28
 Operator : HP/JU
 Sample : K3628-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226-VNJ-238

Quant Time: Jul 03 06:59:45 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

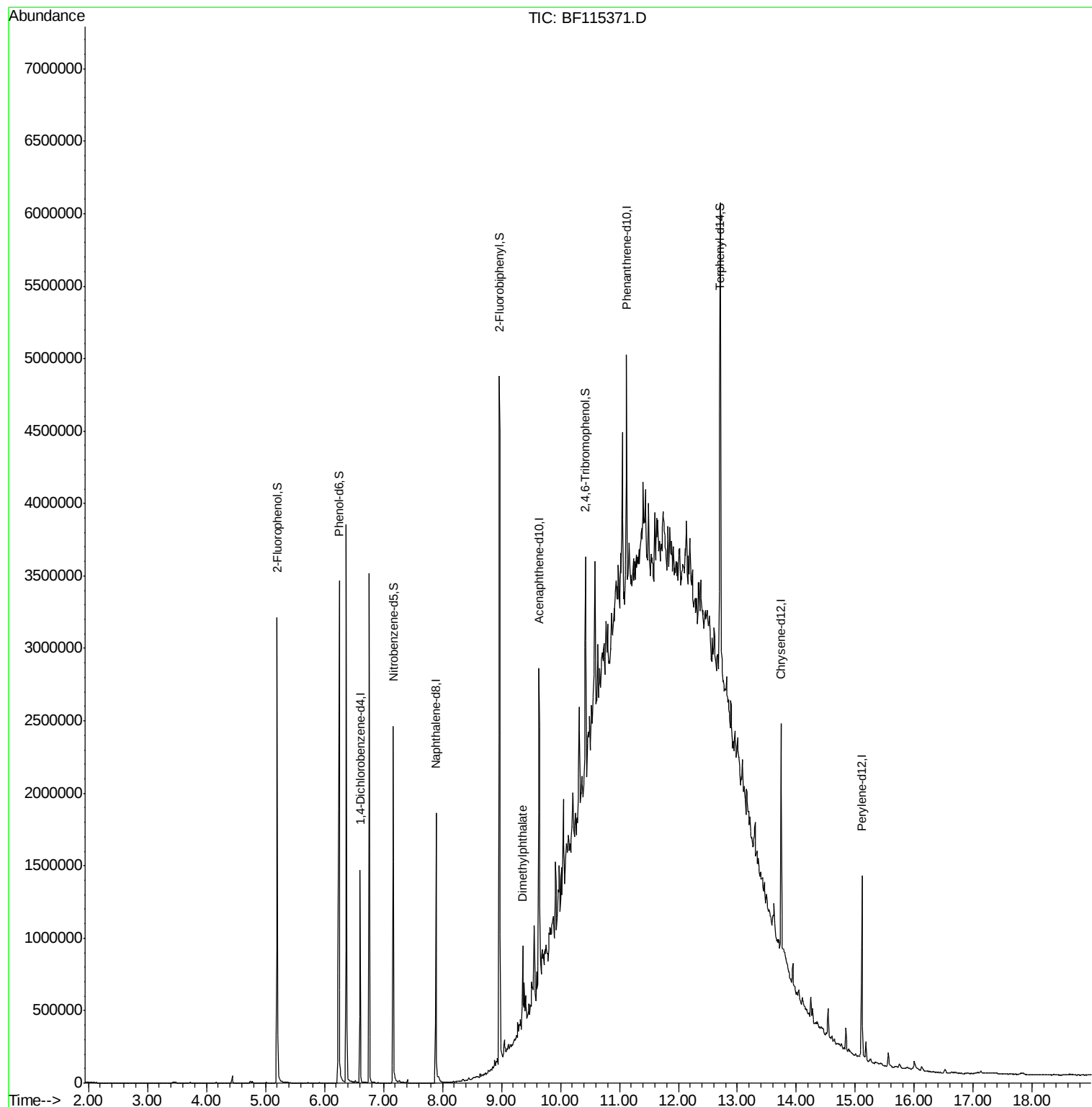
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	237162	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	916988	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	418023	20.00	ng	0.01
64) Phenanthrene-d10	11.12	188	708790	20.00	ng	0.02
76) Chrysene-d12	13.74	240	502370	20.00	ng	0.02
87) Perylene-d12	15.11	264	545713	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1059687	68.95	ng	0.01
7) Phenol-d6	6.25	99	1374030	73.66	ng	0.01
23) Nitrobenzene-d5	7.17	82	818584	54.91	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	210013	47.64	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	1649976	67.05	ng	0.00
79) Terphenyl-d14	12.71	244	1489875	63.06	ng	0.02
Target Compounds						
50) Dimethylphthalate	9.36	163	196395	6.386	ng	Qvalue # 98

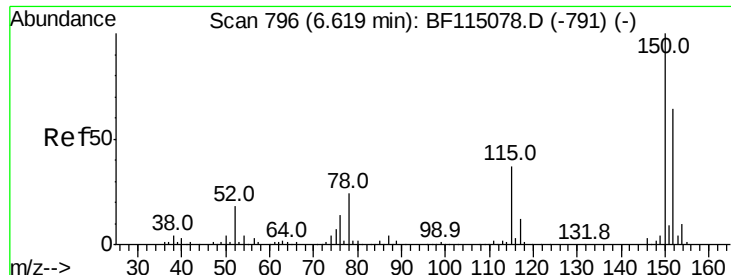
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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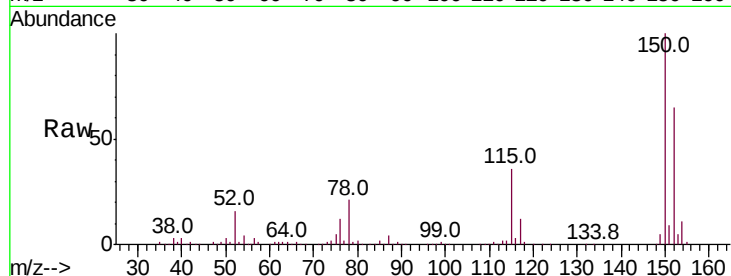


#1

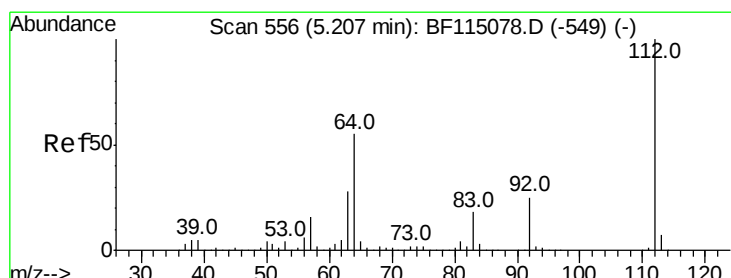
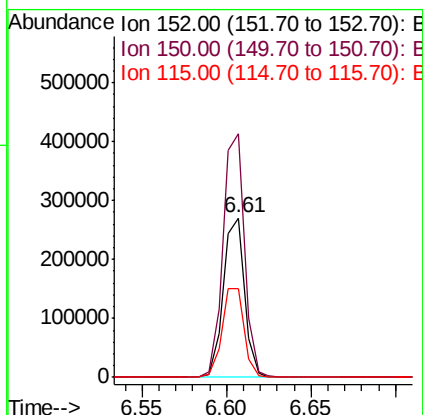
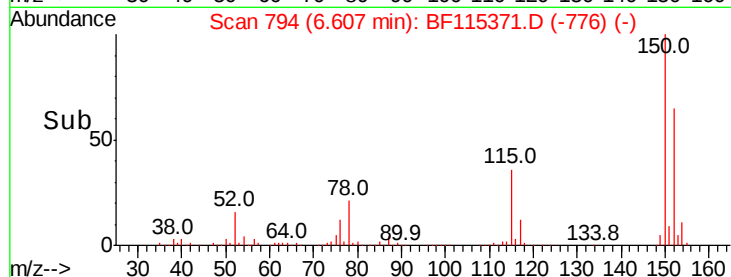
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115371.D
Acq: 2 Jul 2019 20:28

Instrument :
BNA_F
ClientSampleId :
VNJ-226-VNJ-238

Tot Ion:152 Resp: 237162
Ion Ratio Lower Upper
152 100
150 152.9 124.2 186.2
115 55.5 46.1 69.1



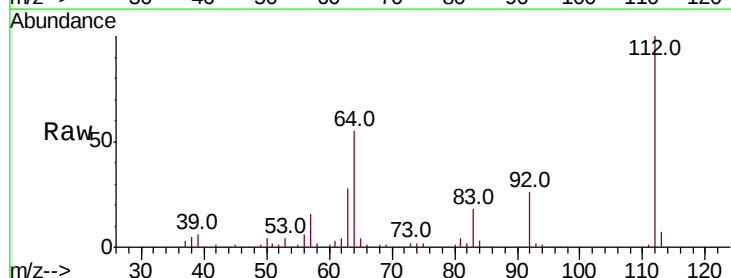
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



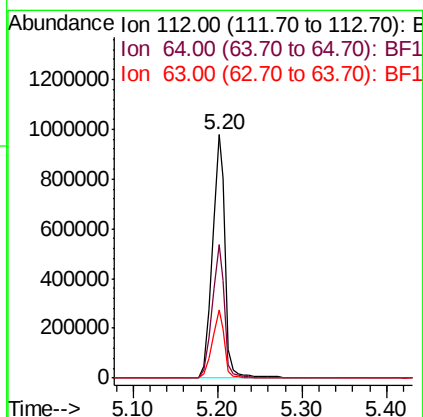
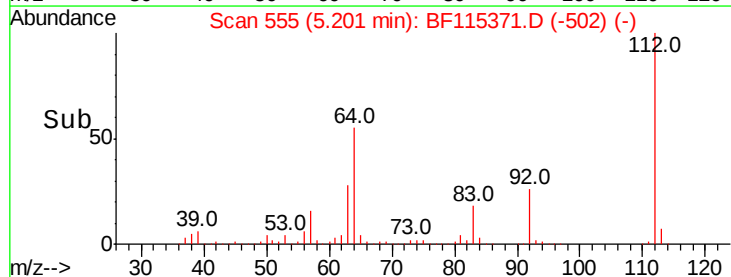
#5

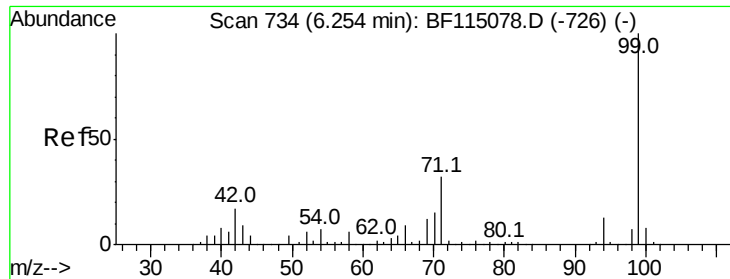
2-Fluorophenol
Concen: 68.952 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115371.D
Acq: 2 Jul 2019 20:28

Tgt Ion:112 Resp: 1059687
Ion Ratio Lower Upper
112 100
64 54.9 43.8 65.6
63 28.0 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: 73.660 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115371.D

Acq: 2 Jul 2019 20:28

Instrument :

BNA_F

ClientSampleId :

VNJ-226-VNJ-238

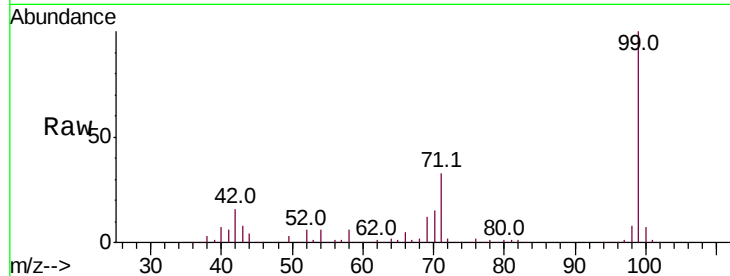
Tot Ion: 99 Resp: 1374030

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

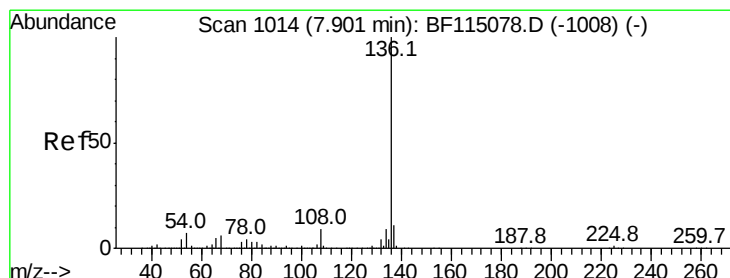
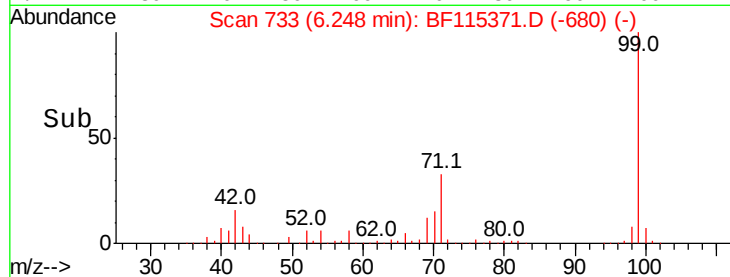
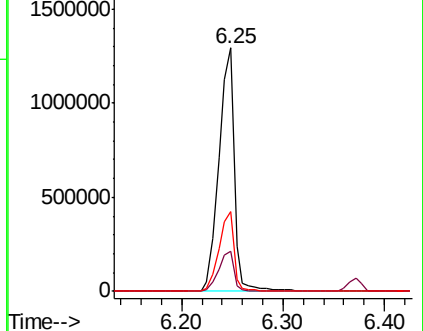
71 32.7 25.5 38.3



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: 7.89 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF115371.D

Acq: 2 Jul 2019 20:28

Tgt Ion: 136 Resp: 916988

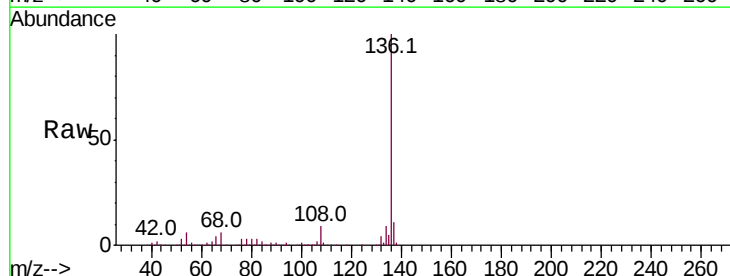
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.4 5.6 8.4

68 5.8 4.8 7.2

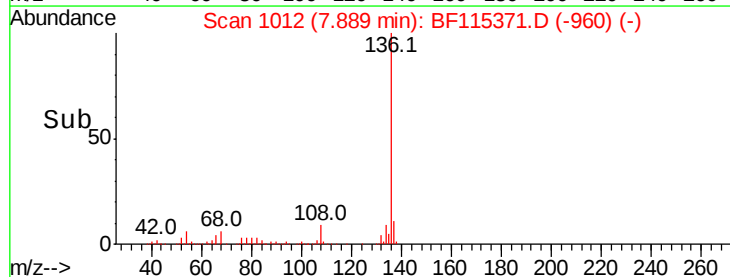
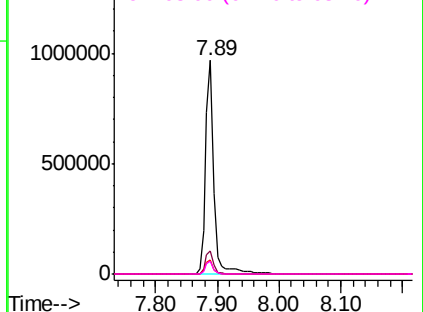


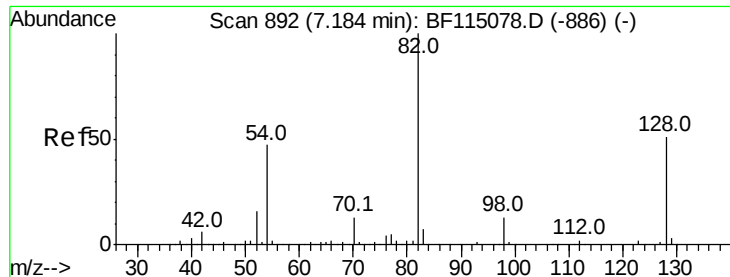
Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.914 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF115371.D

Acq: 2 Jul 2019 20:28

Instrument :

BNA_F

ClientSampleId :

VNJ-226-VNJ-238

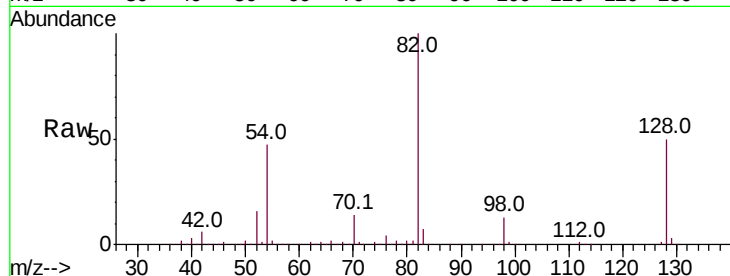
Tot Ion: 82 Resp: 818584

Ion Ratio Lower Upper

82 100

128 50.3 40.4 60.6

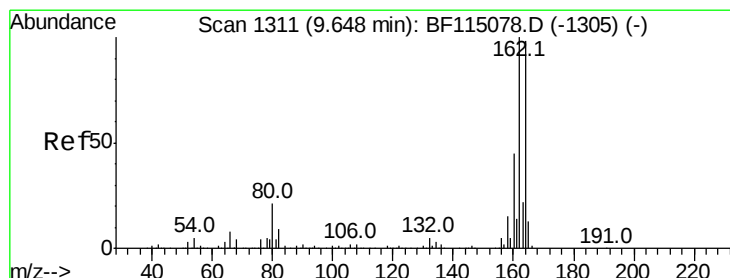
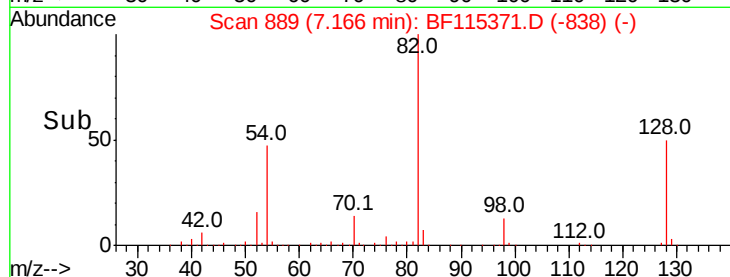
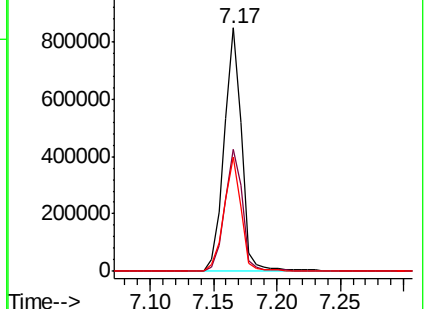
54 47.0 37.5 56.3



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: 9.64 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF115371.D

Acq: 2 Jul 2019 20:28

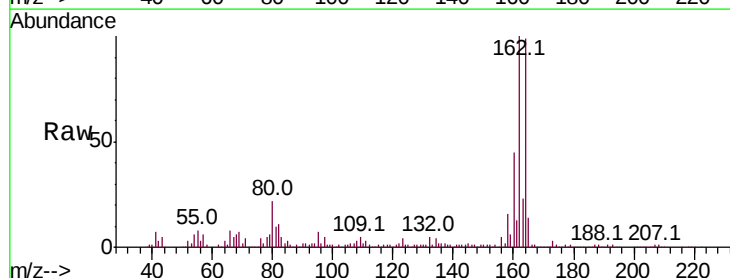
Tgt Ion:164 Resp: 418023

Ion Ratio Lower Upper

164 100

162 100.8 81.7 122.5

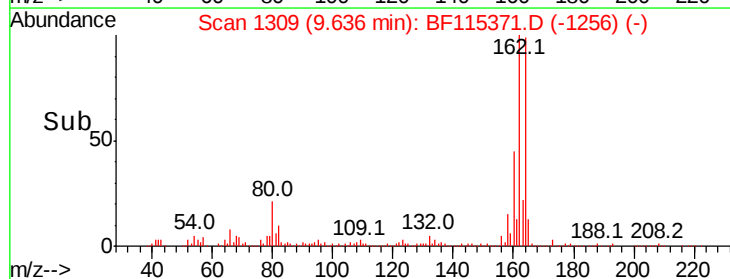
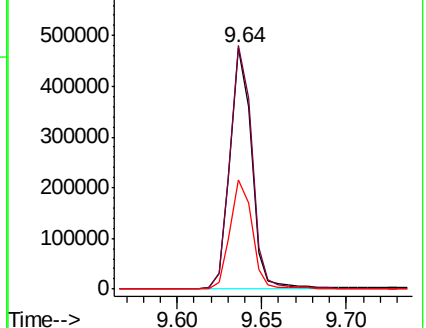
160 45.0 37.0 55.4

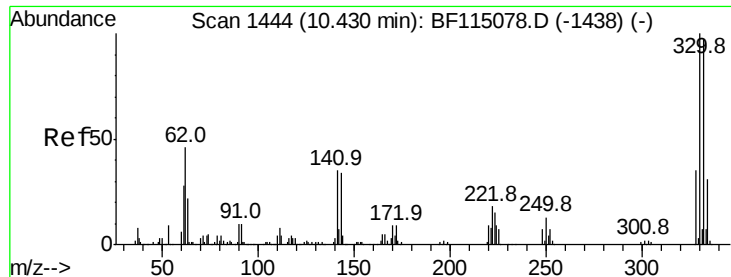


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

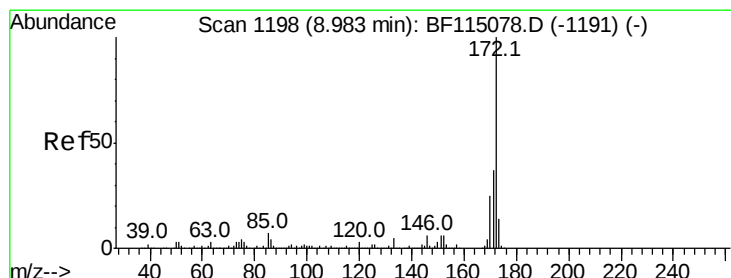
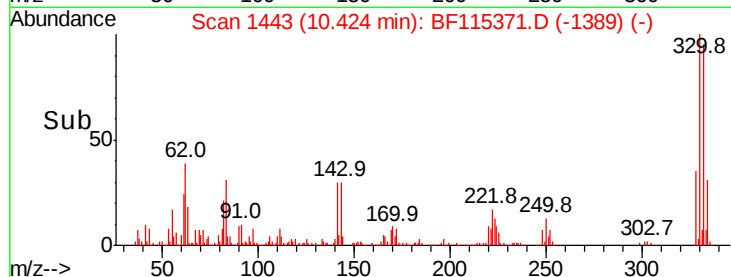
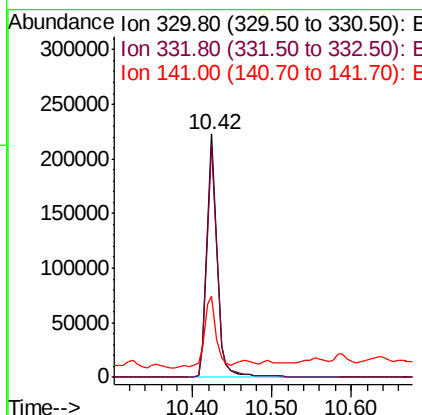
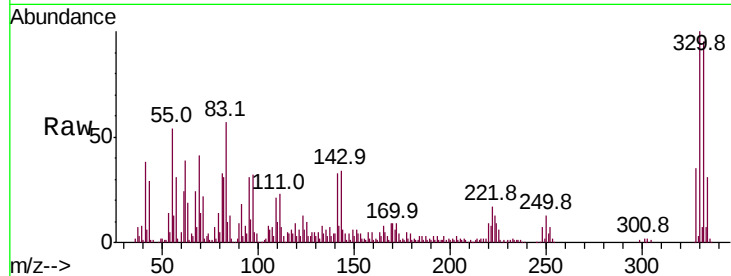




#42
 2,4,6-Tribromophenol
 Concen: 47.641 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. 0.02 min
 Lab File: BF115371.D
 Acq: 2 Jul 2019 20:28

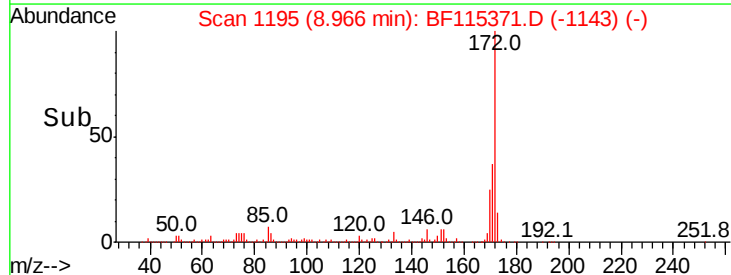
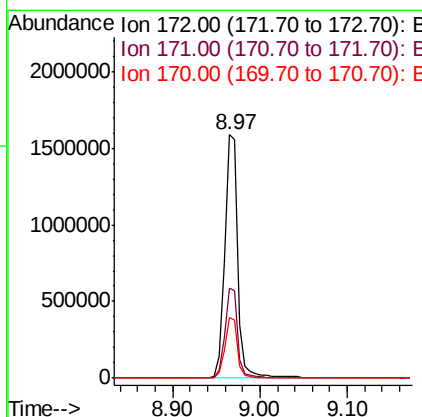
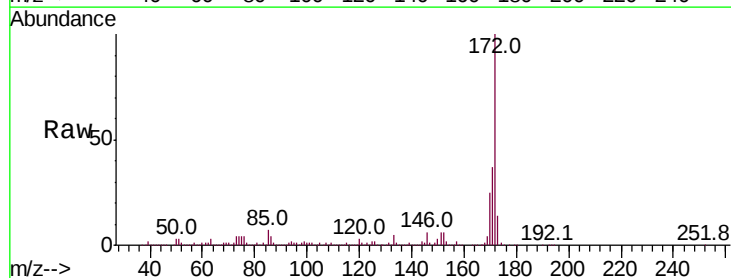
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226-VNJ-238

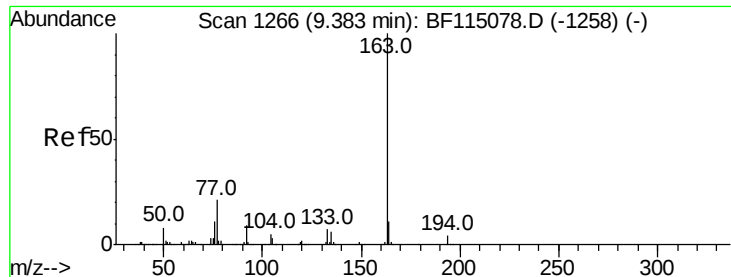
Tot Ion:330 Resp: 210013
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 32.6 28.2 42.2



#45
 2-Fluorobiphenyl
 Concen: 67.046 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF115371.D
 Acq: 2 Jul 2019 20:28

Tgt Ion:172 Resp: 1649976
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 24.8 20.3 30.5





#50

Dimethylphthalate

Concen: 6.386 ng

RT: 9.36 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF115371.D

Acq: 2 Jul 2019 20:28

Instrument :

BNA_F

ClientSampleId :

VNJ-226-VNJ-238

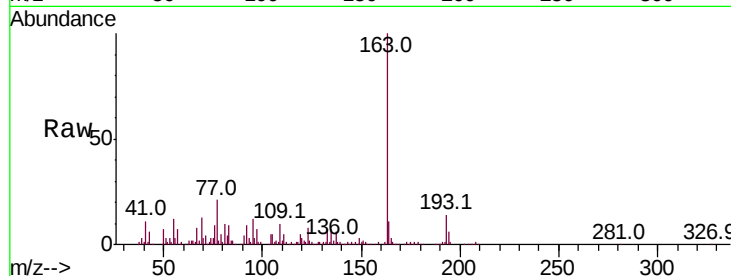
Tot Ion:163 Resp: 196395

Ion Ratio Lower Upper

163 100

194 5.9 3.2 4.8#

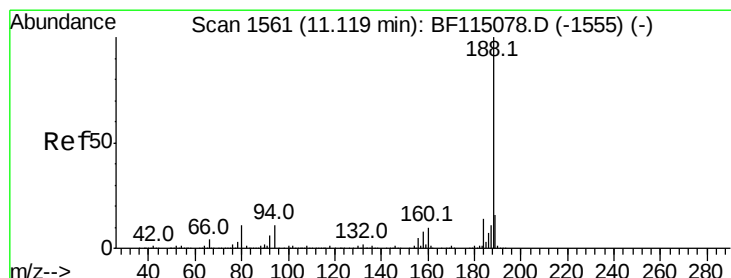
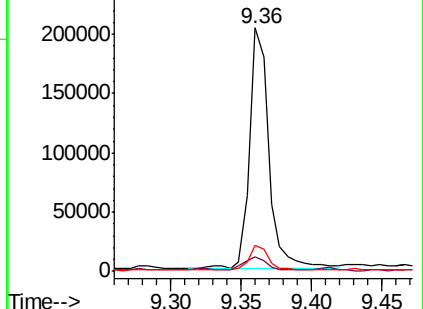
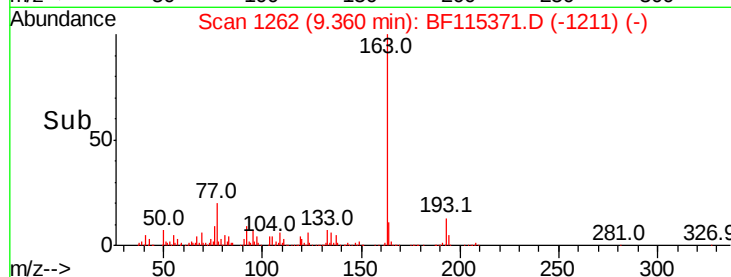
164 10.7 8.6 13.0



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: 11.12 min Scan# 1561

Delta R.T. 0.02 min

Lab File: BF115371.D

Acq: 2 Jul 2019 20:28

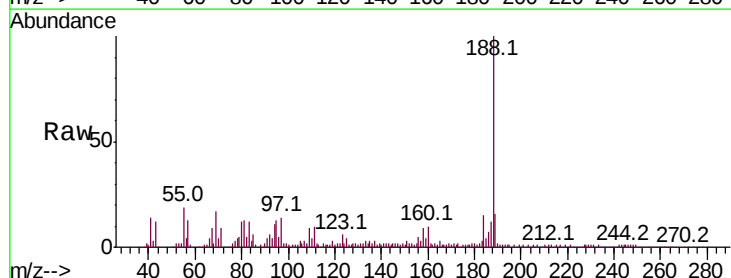
Tgt Ion:188 Resp: 708790

Ion Ratio Lower Upper

188 100

94 11.1 8.6 12.8

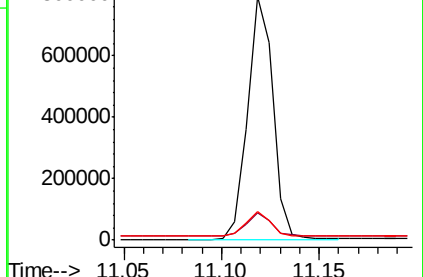
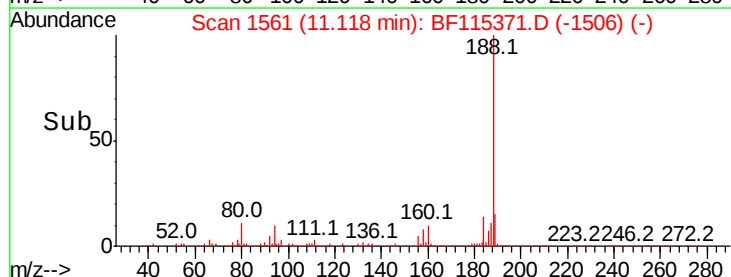
80 12.0 8.8 13.2

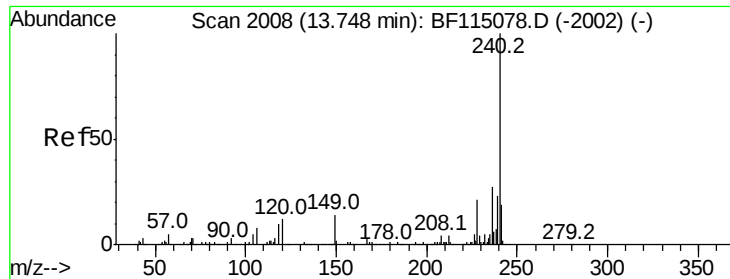


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

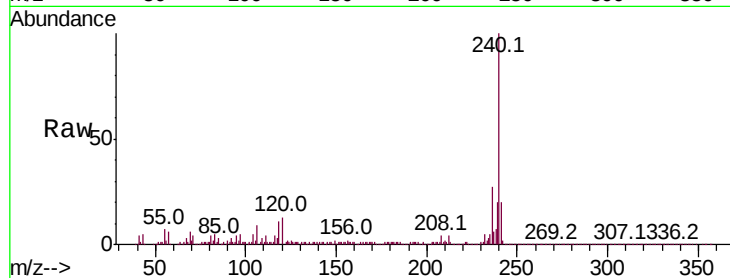




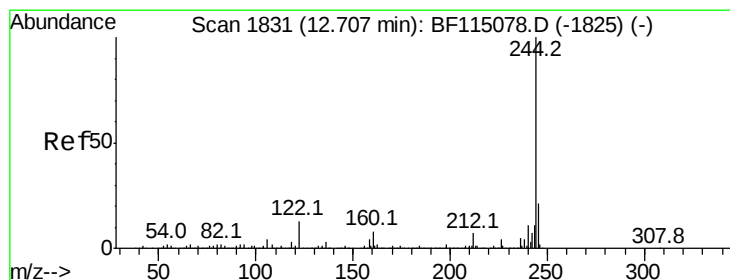
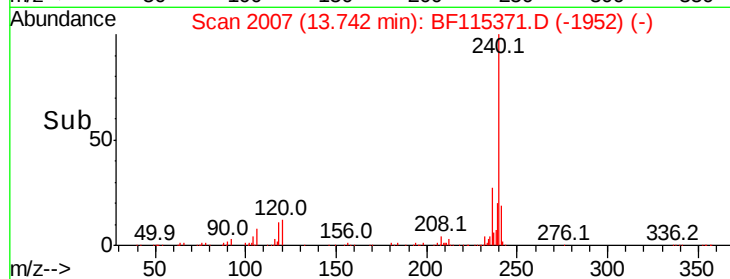
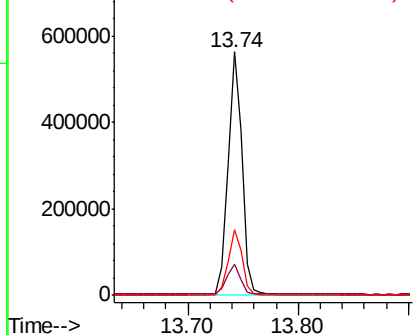
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. 0.02 min
 Lab File: BF115371.D
 Acq: 2 Jul 2019 20:28

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226-VNJ-238

Tot Ion:240 Resp: 502370
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.4 14.2
 236 26.8 21.7 32.5

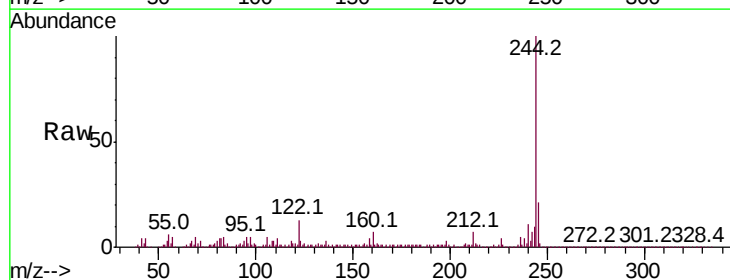


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

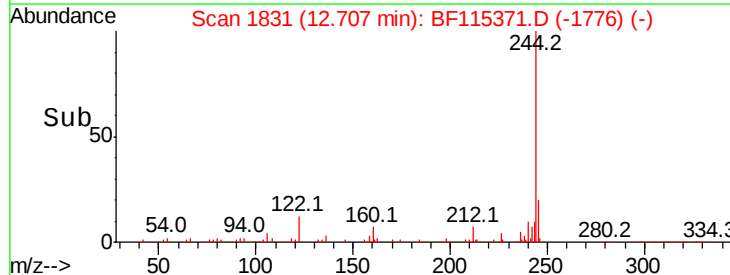
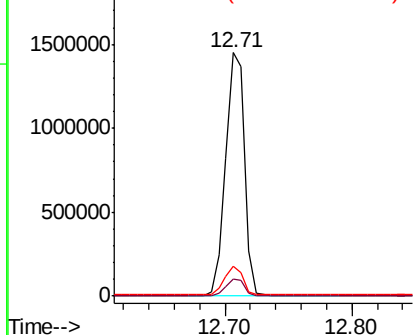


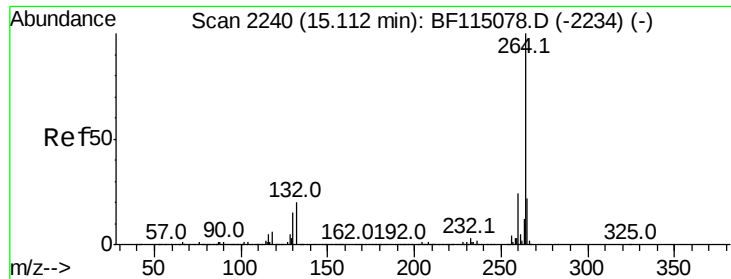
#79
 Terphenyl-d14
 Concen: 63.055 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.02 min
 Lab File: BF115371.D
 Acq: 2 Jul 2019 20:28

Tgt Ion:244 Resp: 1489875
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 12.5 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: 15.11 min Scan# 2240
Delta R.T. 0.03 min
Lab File: BF115371.D
Acq: 2 Jul 2019 20:28

Instrument :
BNA_F
ClientSampleId :
VNJ-226-VNJ-238

Tot Ion:264 Resp: 545713

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.4	17.3	25.9

