

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112172.D
 Acq On : 21 Jan 2019 21:31
 Operator : JU/SJ
 Sample : K1196-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

Quant Time: Jan 22 01:17:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

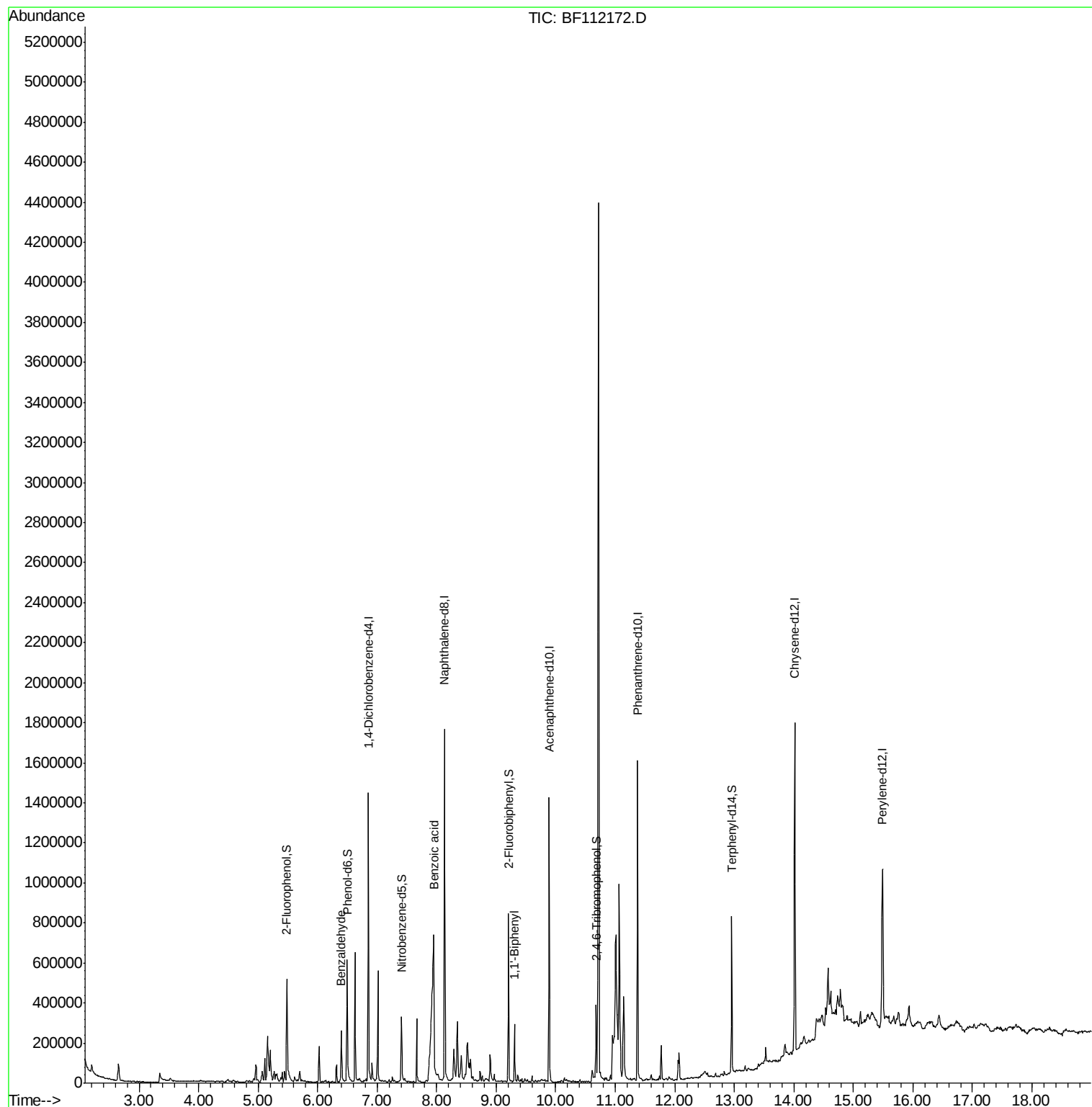
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	208393	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	746077	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	297668	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	555128	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	510087	20.00	ng	-0.01
87) Perylene-d12	15.49	264	369618	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	171912	14.97	ng	-0.01
7) Phenol-d6	6.49	99	213009	14.83	ng	-0.01
23) Nitrobenzene-d5	7.41	82	108775	10.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	45091	14.04	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	241985	11.92	ng	-0.01
79) Terphenyl-d14	12.96	244	269384	11.23	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.40	77	52274	4.364	ng	96
32) Benzoic acid	7.95	122	465356	81.495	ng	99
46) 1,1'-Biphenyl	9.31	154	89874	3.611	ng	97

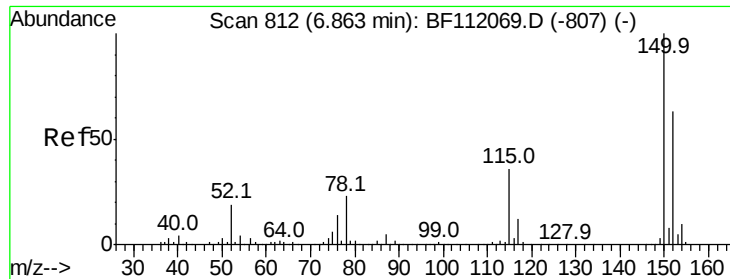
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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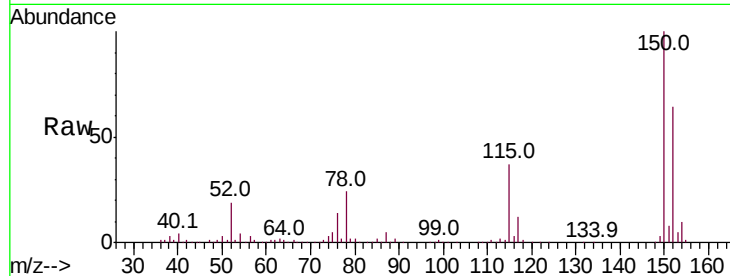


#1

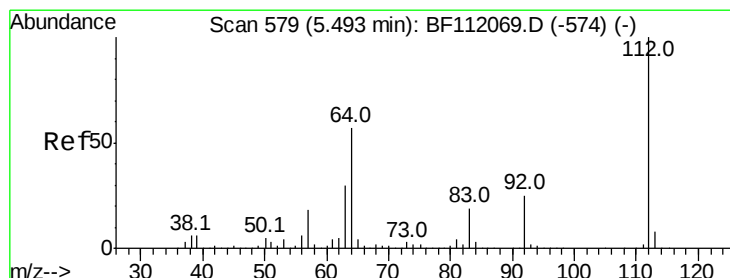
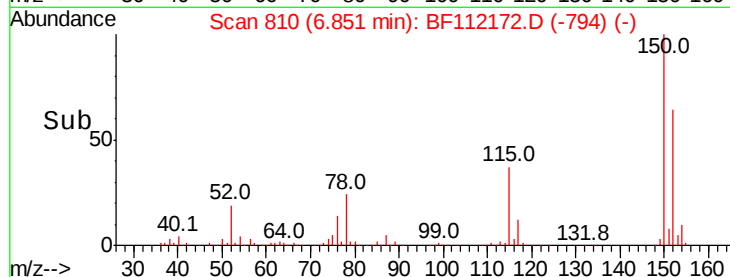
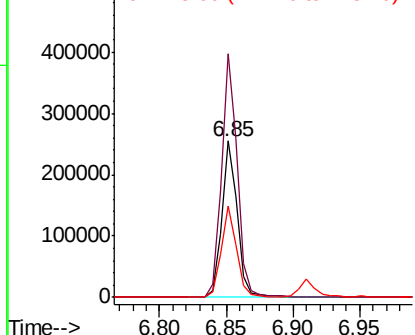
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112172.D
Acq: 21 Jan 2019 21:31

Instrument :
BNA_F
ClientSampled :
VNJ-219

Tot Ion:152 Resp: 208393
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.0
115 58.3 45.5 68.3



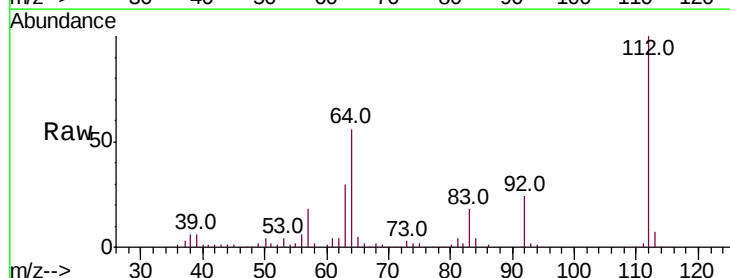
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



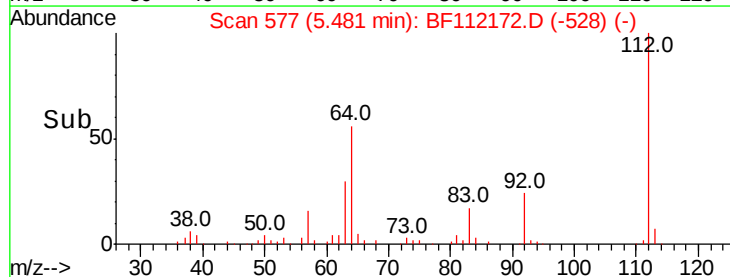
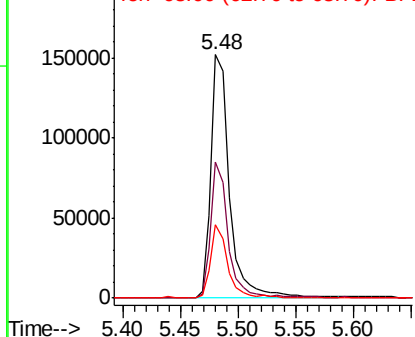
#5

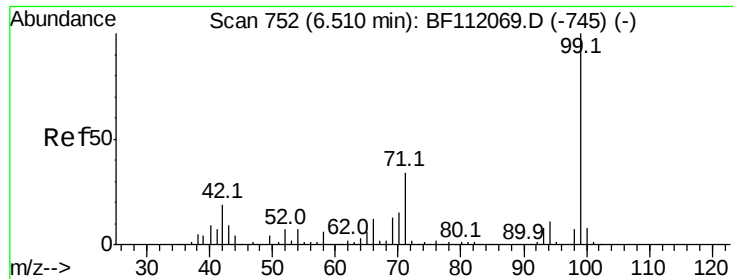
2-Fluorophenol
Concen: 14.973 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF112172.D
Acq: 21 Jan 2019 21:31

Tgt Ion:112 Resp: 171912
Ion Ratio Lower Upper
112 100
64 55.7 45.7 68.5
63 29.9 23.6 35.4



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: 14.828 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112172.D

Acq: 21 Jan 2019 21:31

Instrument :

BNA_F

ClientSampleId :

VNJ-219

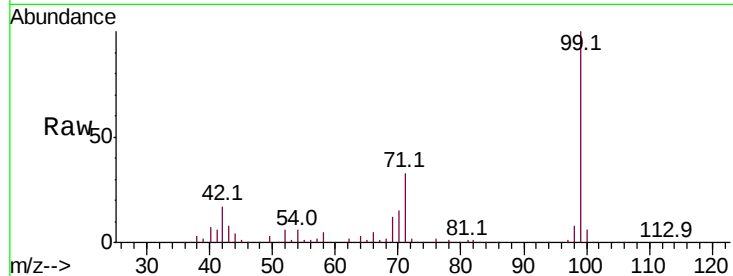
Tot Ion: 99 Resp: 213009

Ion Ratio Lower Upper

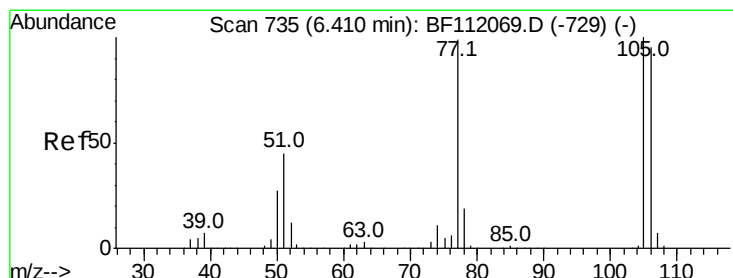
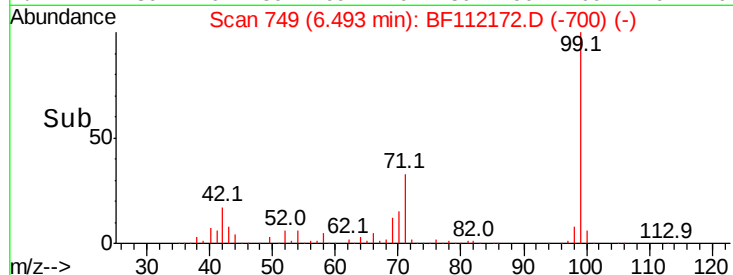
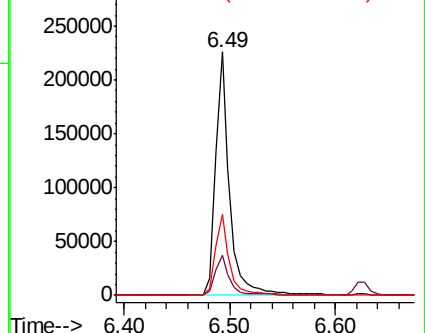
99 100

42 16.6 15.1 22.7

71 33.1 26.9 40.3



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



#9

Benzaldehyde

Concen: 4.364 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF112172.D

Acq: 21 Jan 2019 21:31

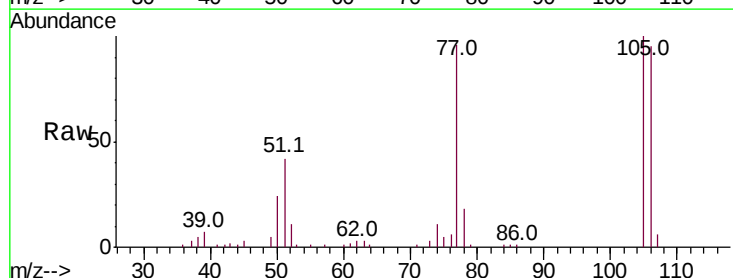
Tgt Ion: 77 Resp: 52274

Ion Ratio Lower Upper

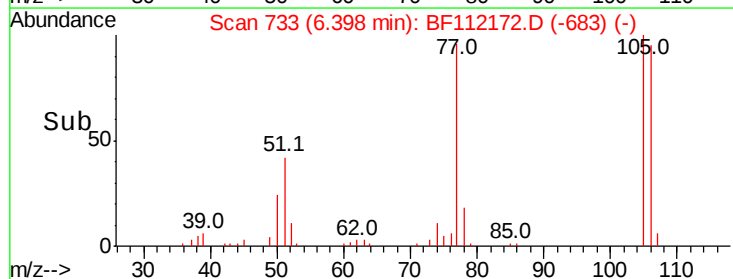
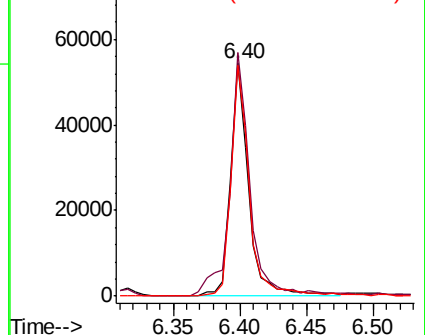
77 100

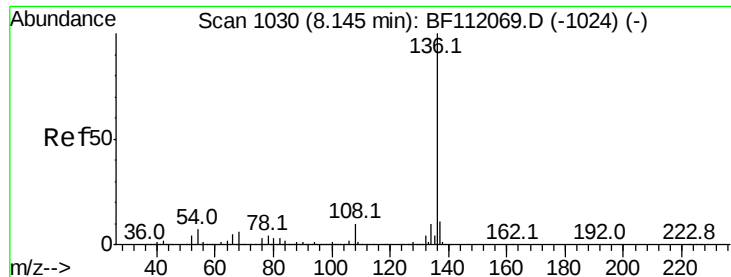
105 104.5 80.8 120.8

106 99.1 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

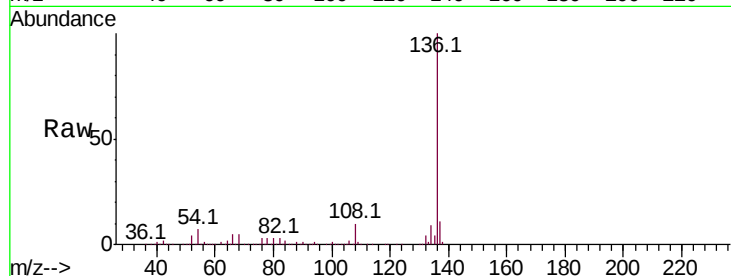




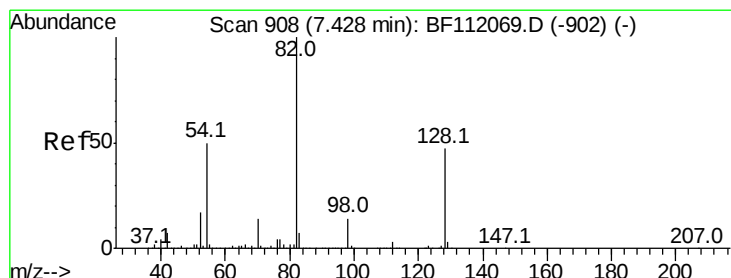
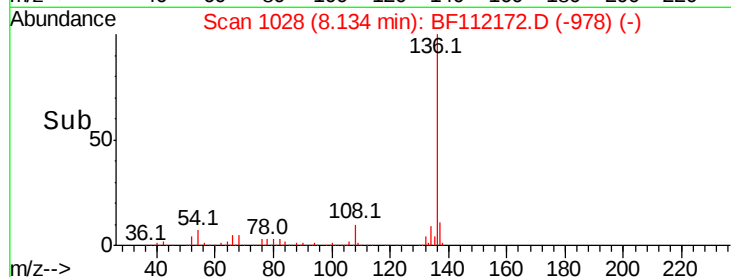
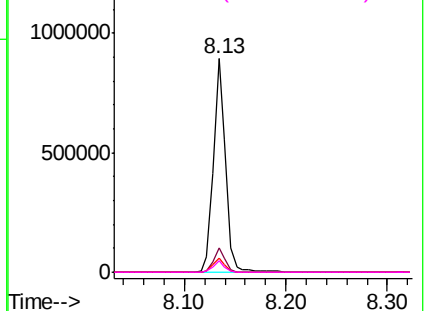
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112172.D
Acq: 21 Jan 2019 21:31

Instrument :
BNA_F
ClientSampleId :
VNJ-219

Tot Ion:136	Resp: 746077
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 6.8	5.9 8.9
68 5.4	5.1 7.7

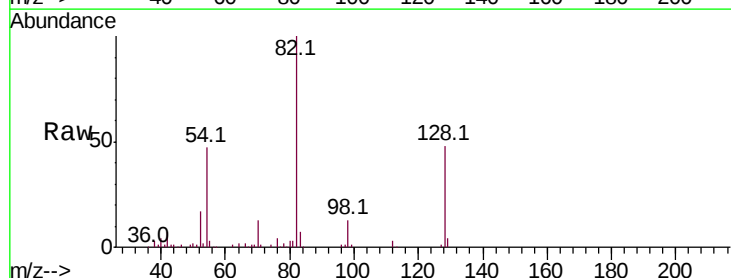


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

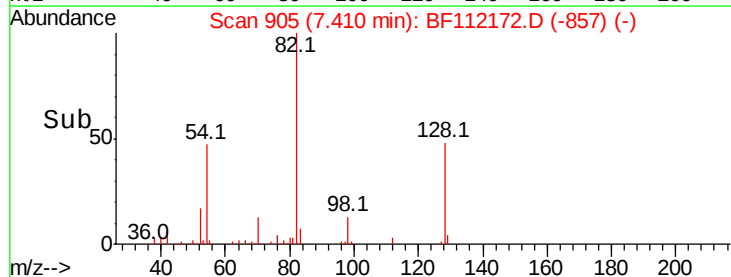
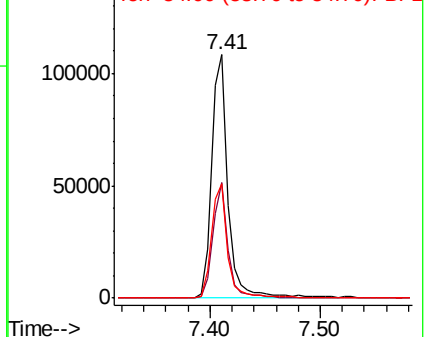


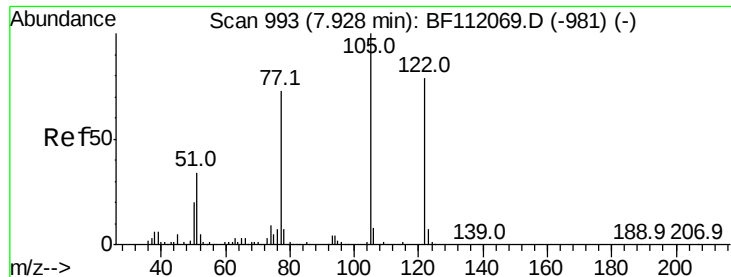
#23
Nitrobenzene-d5
Concen: 10.073 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112172.D
Acq: 21 Jan 2019 21:31

Tgt Ion: 82	Resp: 108775
Ion Ratio	Lower Upper
82 100	
128 47.6	37.8 56.8
54 47.2	39.7 59.5



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

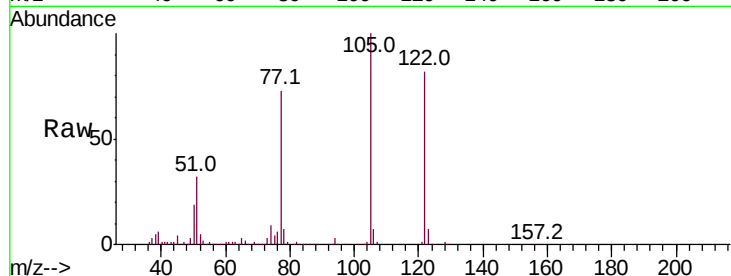




#32
Benzoic acid
Concen: 81.495 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF112172.D
Acq: 21 Jan 2019 21:31

Instrument :
BNA_F
ClientSampleId :
VNJ-219

Tot Ion	Ratio	Lower	Upper
122	100		
105	121.8	101.2	141.2
77	88.6	70.4	110.4

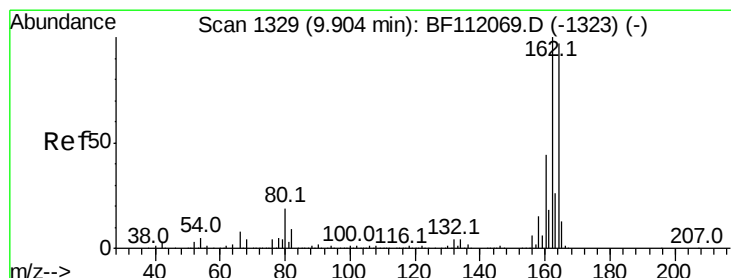
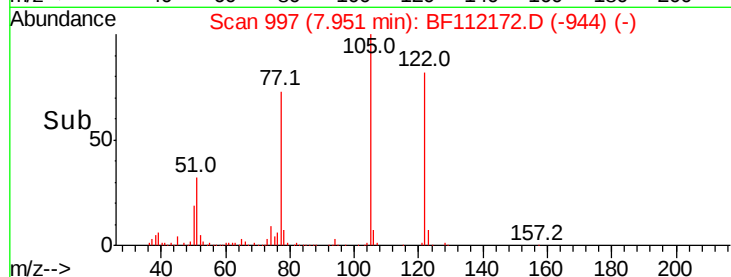
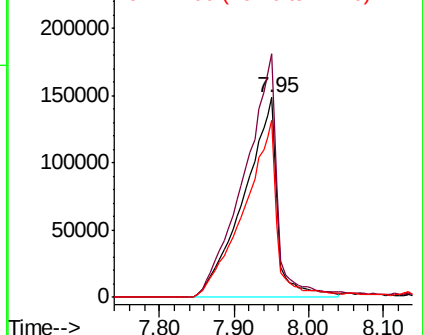


Abundance

Ion 122.00 (121.70 to 122.70): E

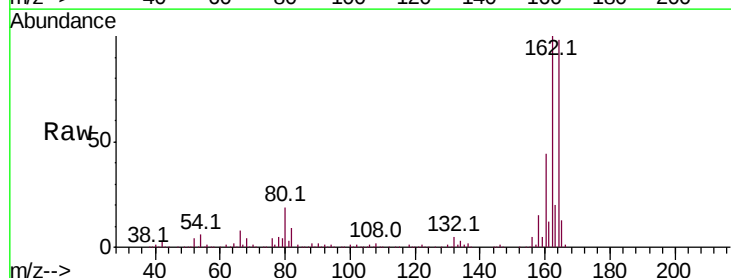
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112172.D
Acq: 21 Jan 2019 21:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.2	123.4
160	45.0	36.2	54.4

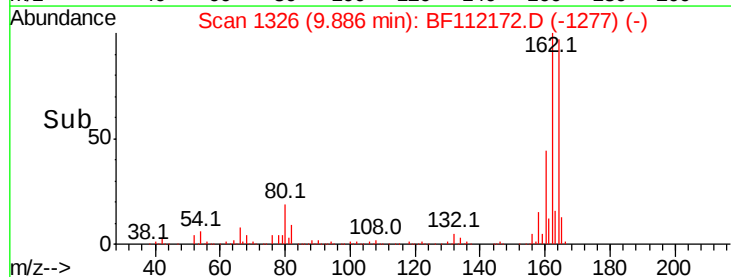
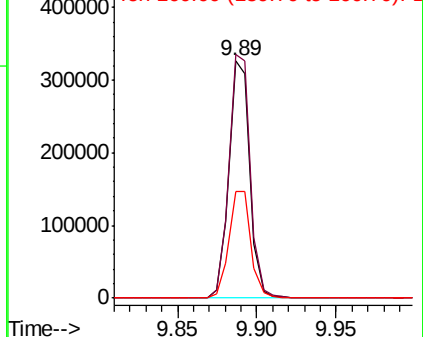


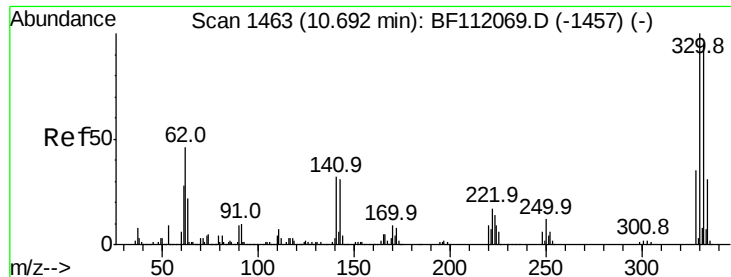
Abundance

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

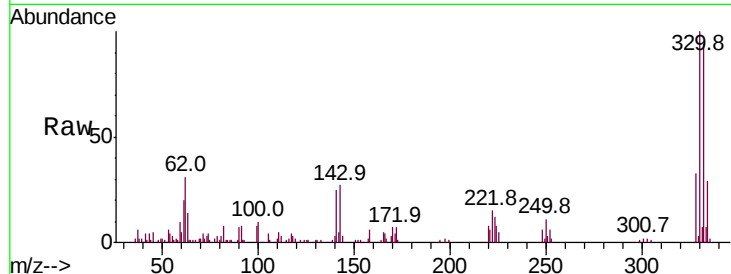




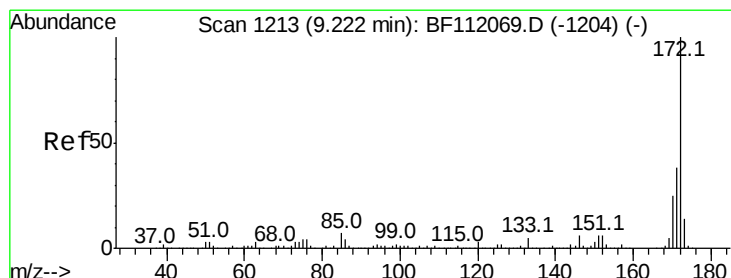
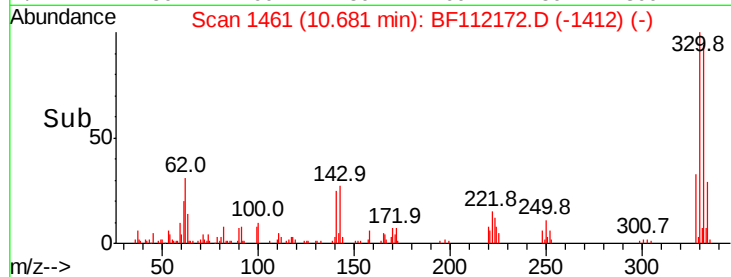
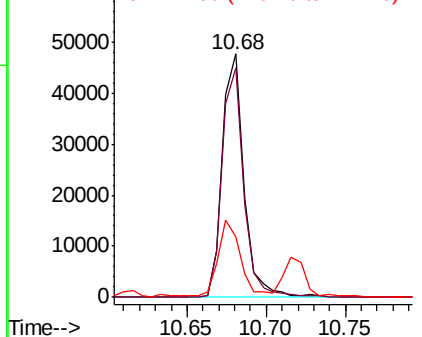
#42
 2,4,6-Tribromophenol
 Concen: 14.042 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112172.D
 Acq: 21 Jan 2019 21:31

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	114.8
141	33.4	24.3	36.5

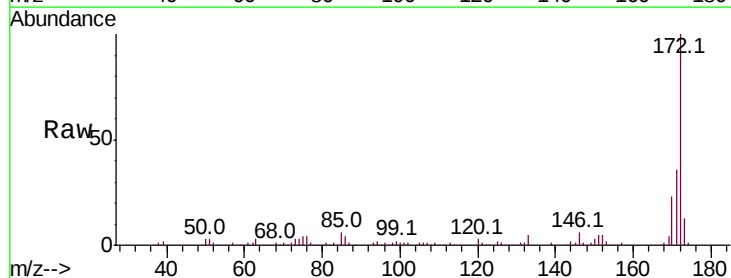


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

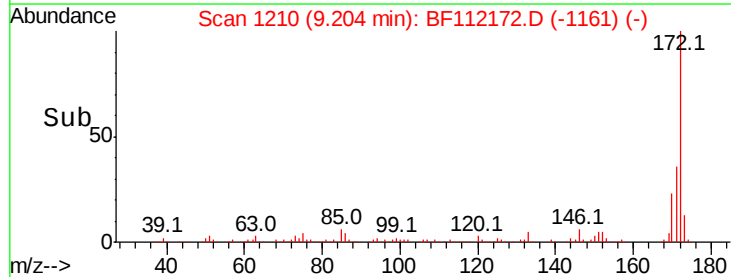
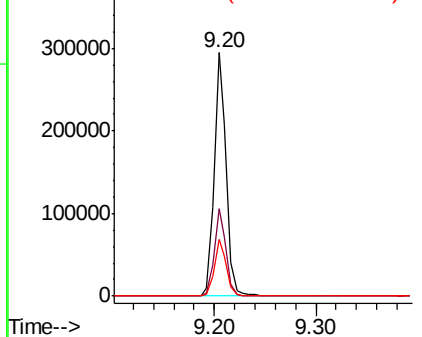


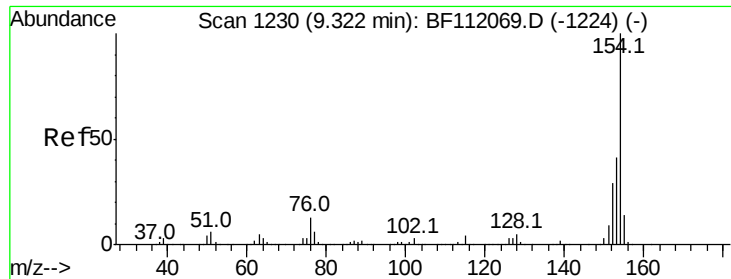
#45
 2-Fluorobiphenyl
 Concen: 11.919 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF112172.D
 Acq: 21 Jan 2019 21:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.2	20.2	30.4



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





#46

1,1'-Biphenyl

Concen: 3.611 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF112172.D

Acq: 21 Jan 2019 21:31

Instrument :

BNA_F

ClientSampleId :

VNJ-219

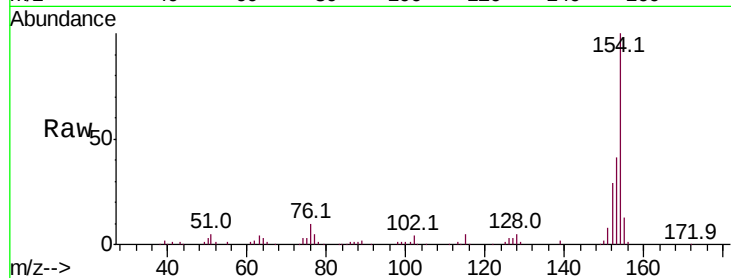
Tot Ion:154 Resp: 89874

Ion Ratio Lower Upper

154 100

153 40.8 21.5 61.5

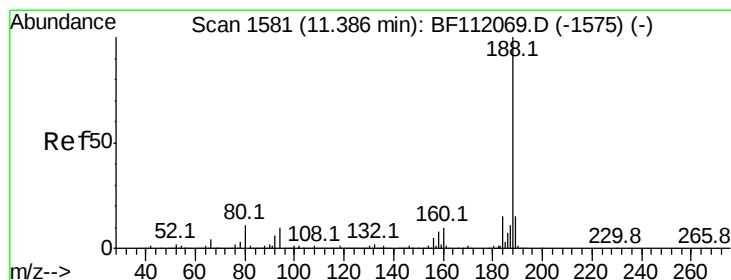
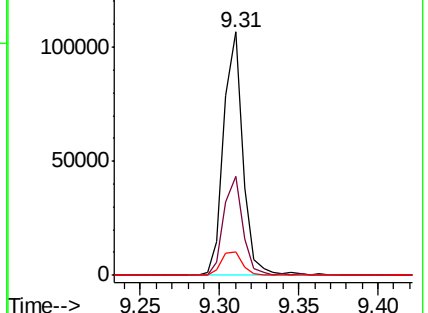
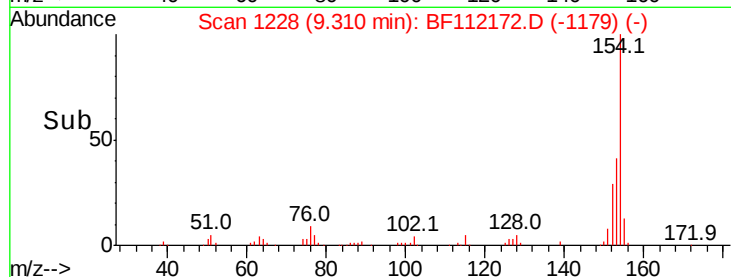
76 9.5 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF112172.D

Acq: 21 Jan 2019 21:31

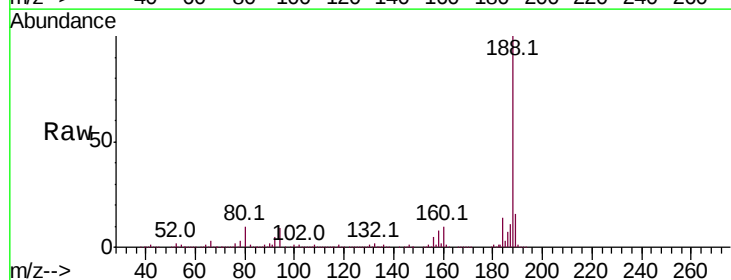
Tgt Ion:188 Resp: 555128

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

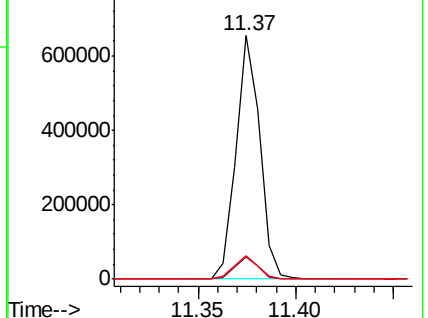
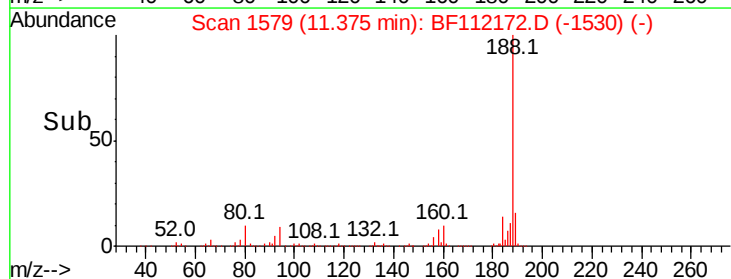
80 9.6 8.9 13.3

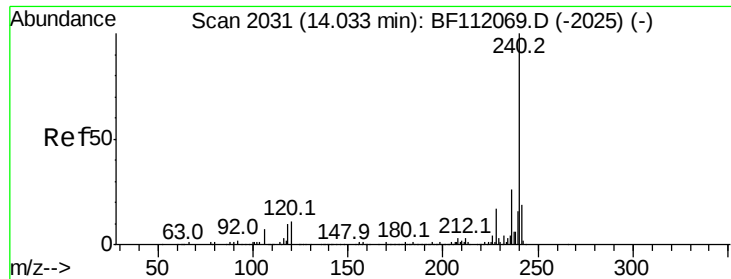


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

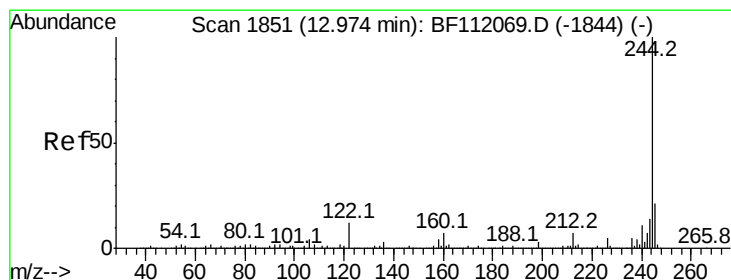
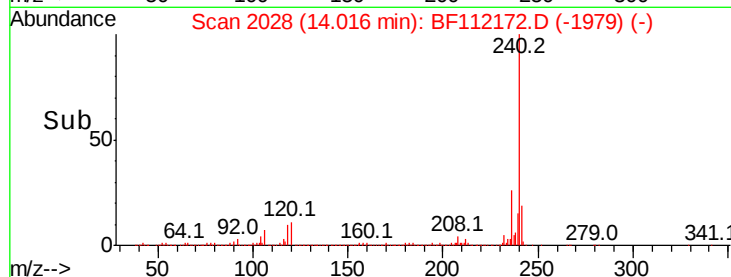
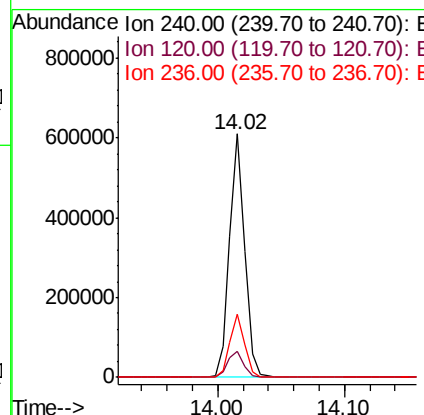
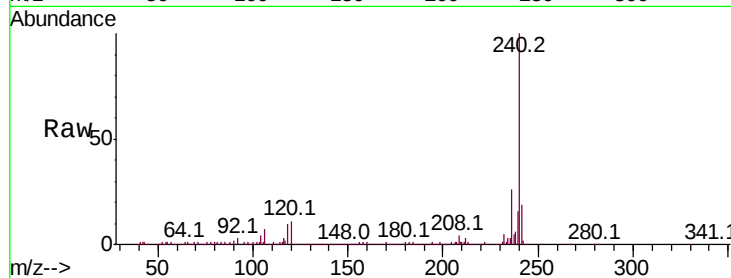




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF112172.D
 Acq: 21 Jan 2019 21:31

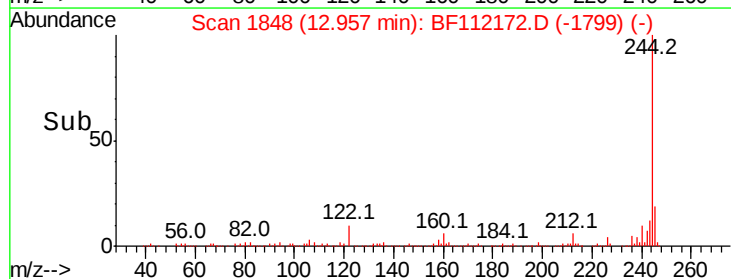
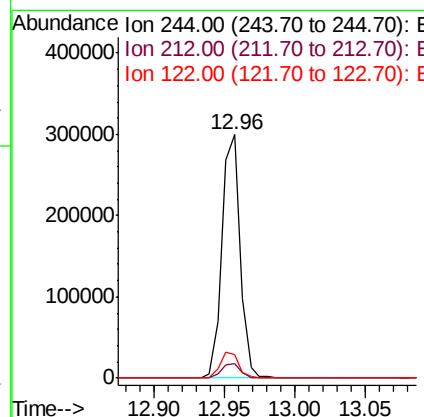
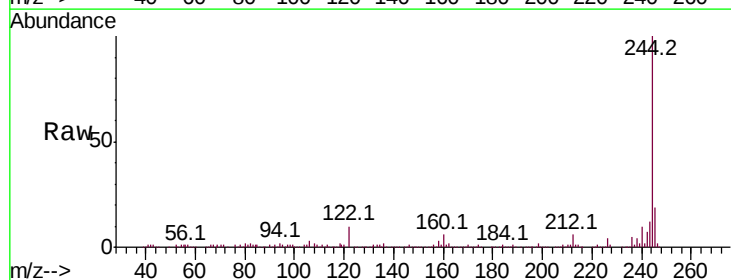
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

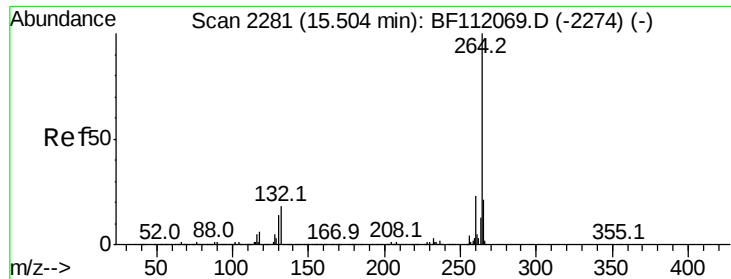
Tot Ion:240 Resp: 510087
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.0 13.6
 236 25.7 20.7 31.1



#79
 Terphenyl-d14
 Concen: 11.235 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF112172.D
 Acq: 21 Jan 2019 21:31

Tgt Ion:244 Resp: 269384
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.9 8.9#
 122 9.8 9.8 14.6

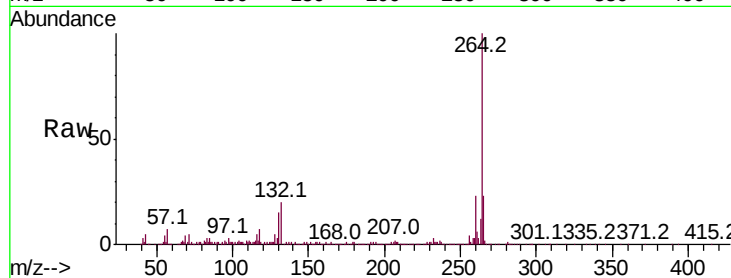




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF112172.D
Acq: 21 Jan 2019 21:31

Instrument :
BNA_F
ClientSampleId :
VNJ-219

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.7	17.0	25.4



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

