

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115374.D
 Acq On : 2 Jul 2019 21:47
 Operator : HP/JU
 Sample : K3628-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-217-368

Quant Time: Jul 03 07:08:49 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

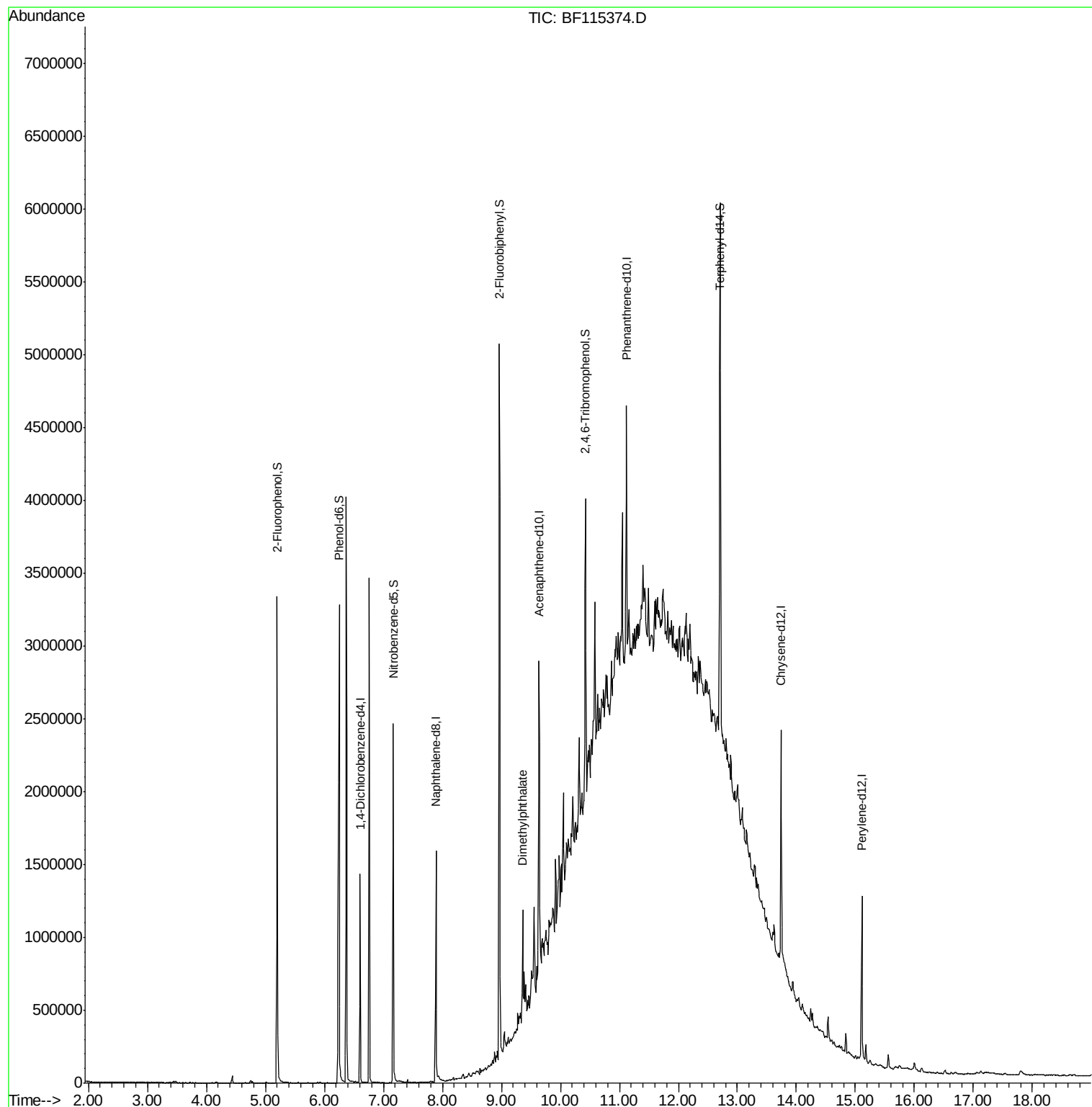
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	218947	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	860282	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	398908	20.00	ng	0.01
64) Phenanthrene-d10	11.12	188	688137	20.00	ng	0.02
76) Chrysene-d12	13.74	240	486255	20.00	ng	0.02
87) Perylene-d12	15.11	264	508478	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1091961	76.96	ng	0.01
7) Phenol-d6	6.25	99	1399739	81.28	ng	0.01
23) Nitrobenzene-d5	7.17	82	822625	58.82	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	295818	70.32	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	1645790	70.08	ng	0.00
79) Terphenyl-d14	12.71	244	1547886	67.68	ng	0.02
Target Compounds						
50) Dimethylphthalate	9.36	163	263703	8.985	ng	Qvalue # 99

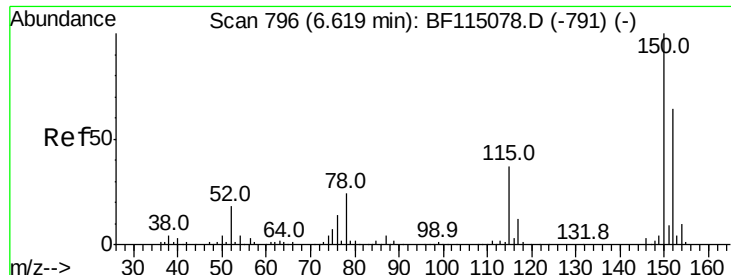
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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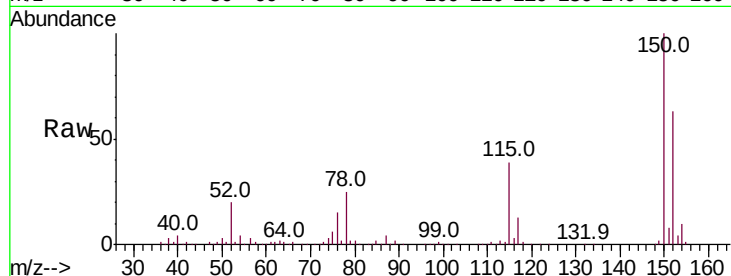


#1

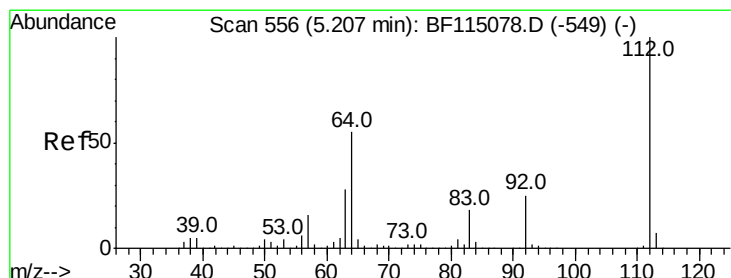
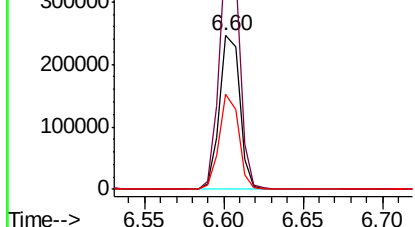
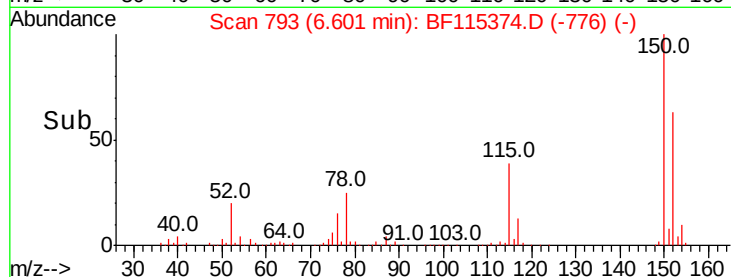
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115374.D
Acq: 2 Jul 2019 21:47

Instrument :
BNA_F
ClientSampleId :
VNJ-217-368

Tot Ion:152 Resp: 218947
Ion Ratio Lower Upper
152 100
150 158.7 124.2 186.2
115 62.1 46.1 69.1



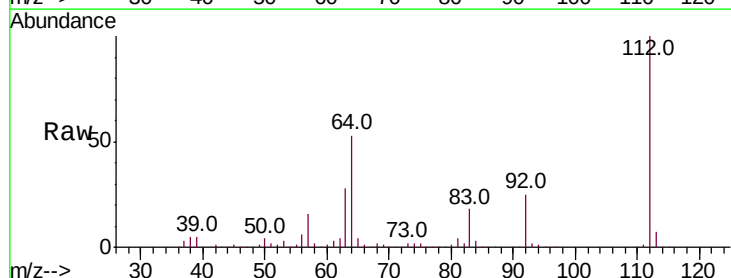
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



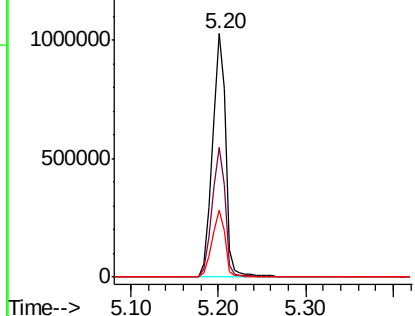
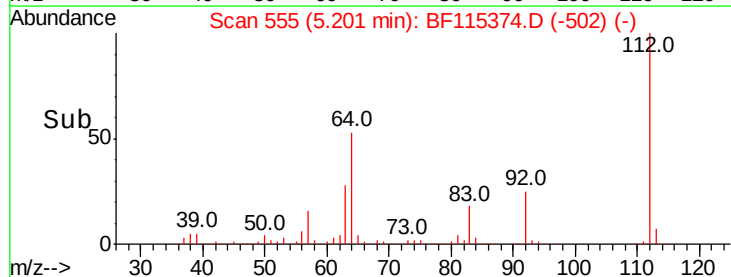
#5

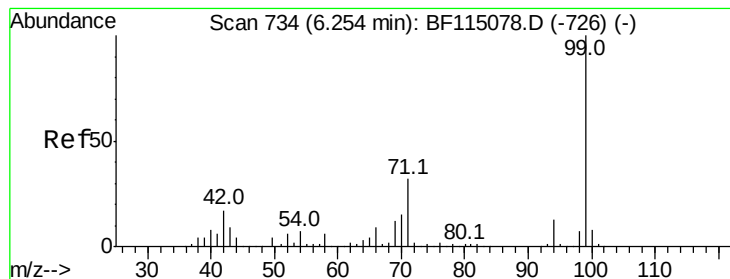
2-Fluorophenol
Concen: 76.963 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115374.D
Acq: 2 Jul 2019 21:47

Tgt Ion:112 Resp: 1091961
Ion Ratio Lower Upper
112 100
64 53.5 43.8 65.6
63 27.7 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: 81.281 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115374.D

Acq: 2 Jul 2019 21:47

Instrument :

BNA_F

ClientSampleId :

VNJ-217-368

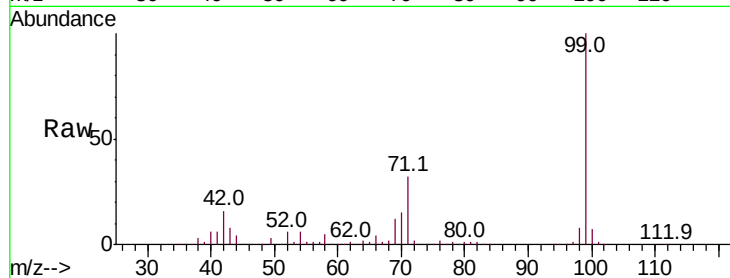
Tot Ion: 99 Resp: 1399739

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

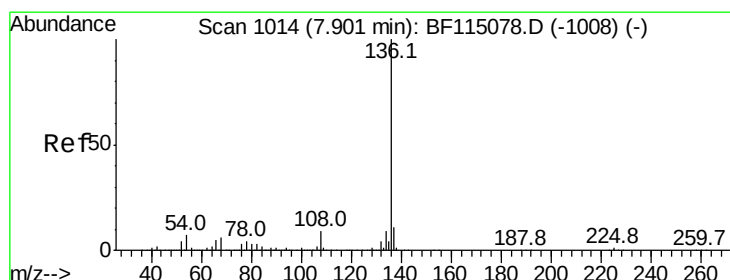
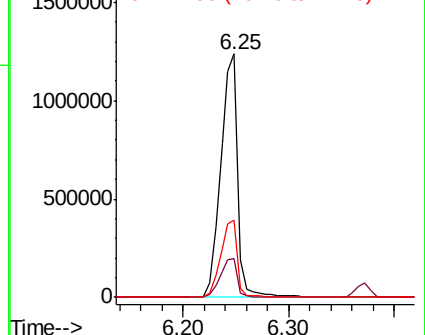
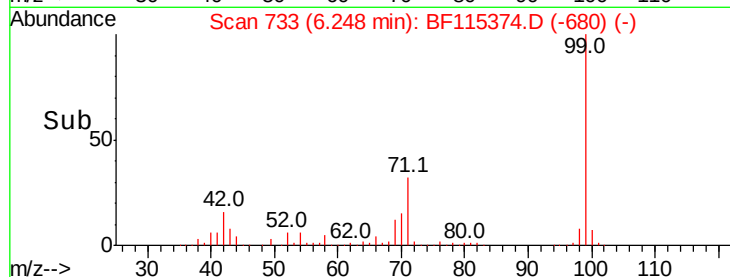
71 31.8 25.5 38.3



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: BF115374.D

Acq: 2 Jul 2019 21:47

Tgt Ion: 136 Resp: 860282

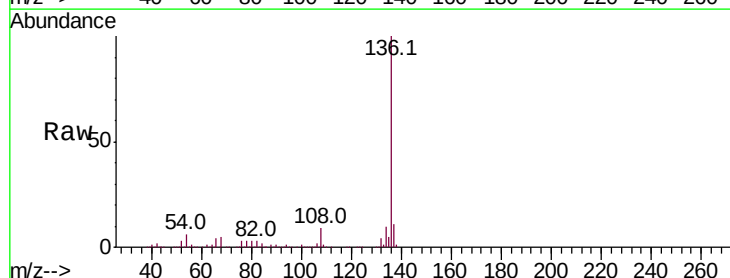
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.0 5.6 8.4

68 5.3 4.8 7.2

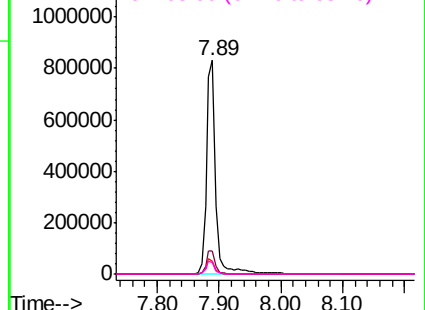
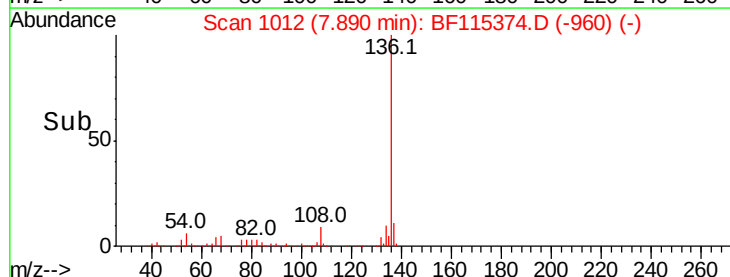


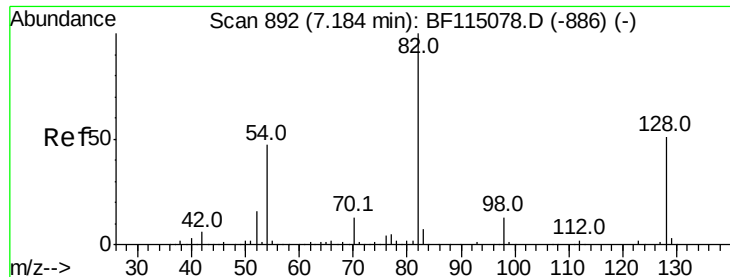
Abundance Ion 136.00 (135.70 to 136.70): E

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

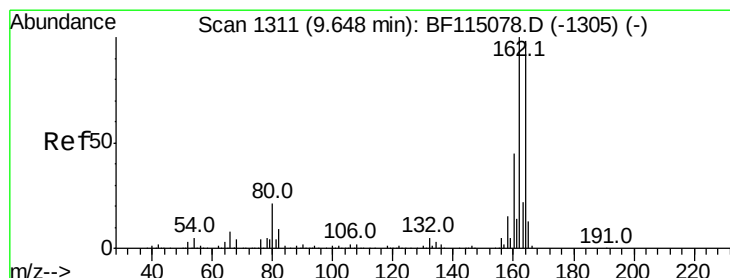
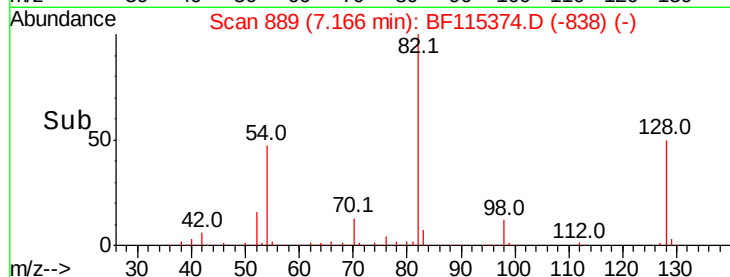
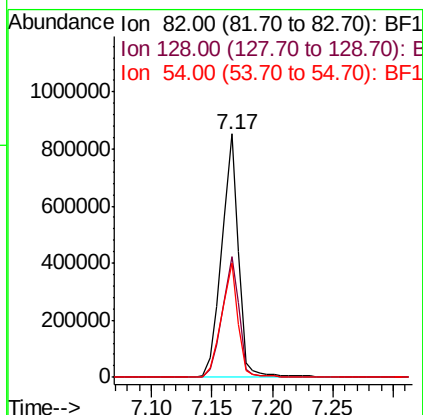
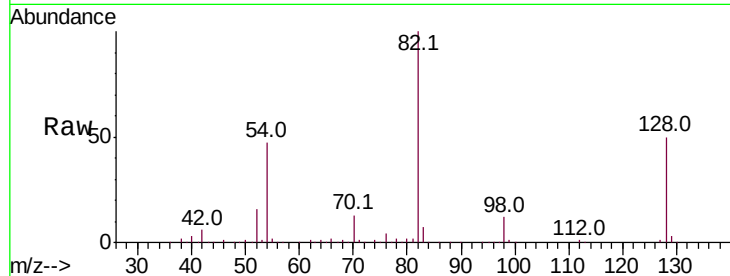




#23
Nitrobenzene-d5
Concen: 58.823 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115374.D
Acq: 2 Jul 2019 21:47

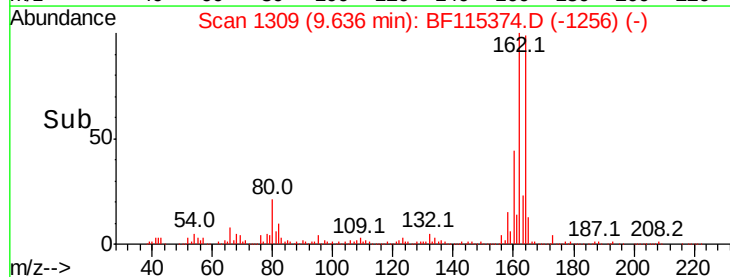
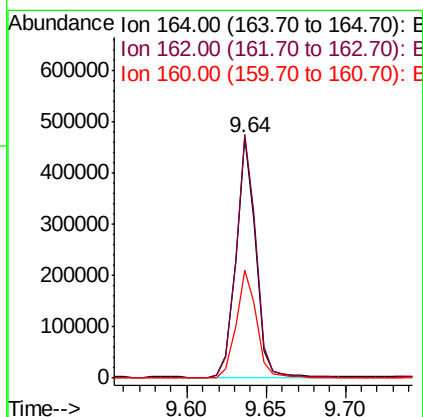
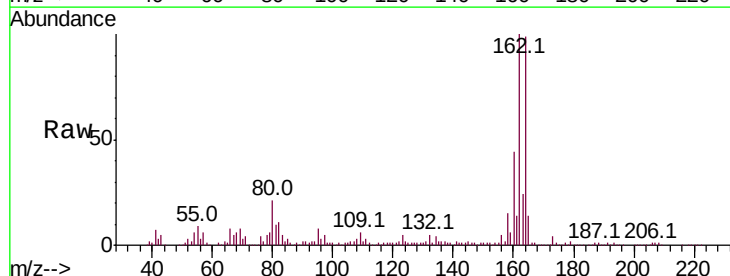
Instrument :
BNA_F
ClientSampleId :
VNJ-217-368

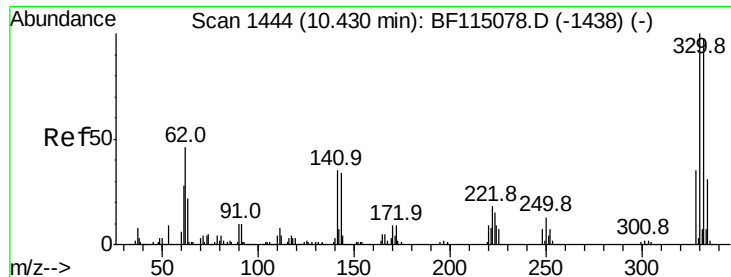
Tot Ion: 82 Resp: 822625
Ion Ratio Lower Upper
82 100
128 49.8 40.4 60.6
54 47.0 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF115374.D
Acq: 2 Jul 2019 21:47

Tgt Ion: 164 Resp: 398908
Ion Ratio Lower Upper
164 100
162 101.1 81.7 122.5
160 44.9 37.0 55.4

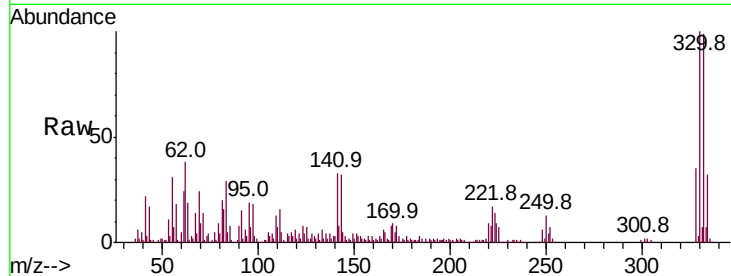




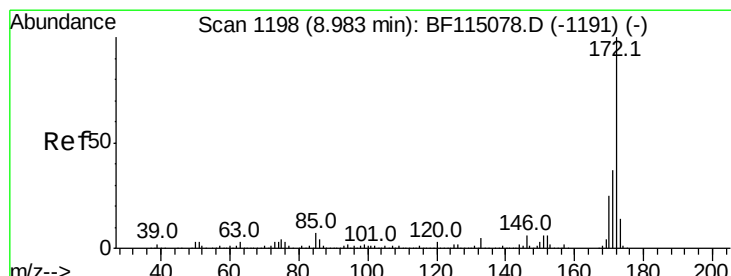
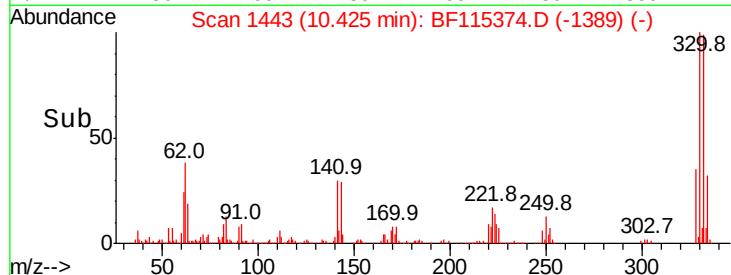
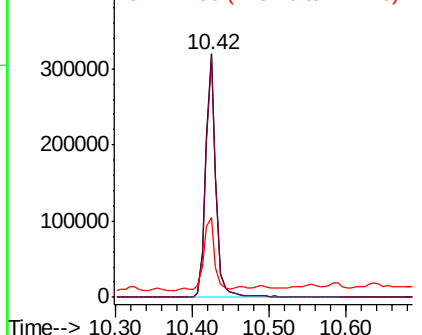
#42
 2,4,6-Tribromophenol
 Concen: 70.322 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. 0.02 min
 Lab File: BF115374.D
 Acq: 2 Jul 2019 21:47

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-217-368

Tot Ion:330 Resp: 295818
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.3 115.9
 141 32.6 28.2 42.2

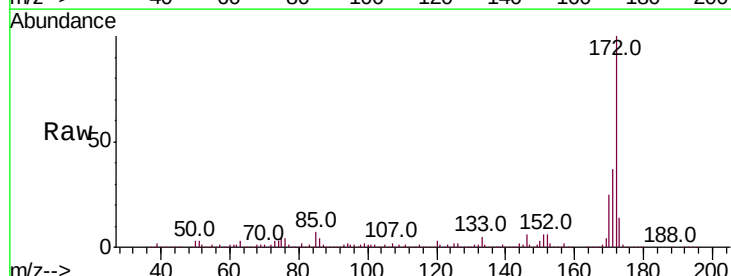


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

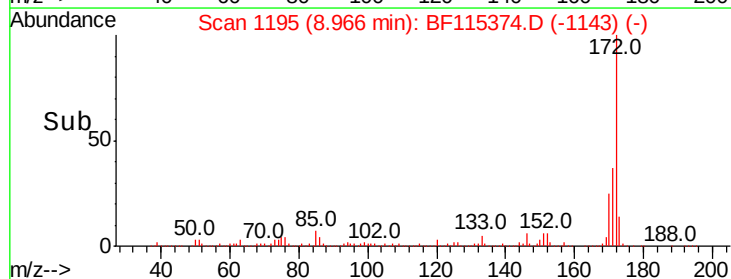
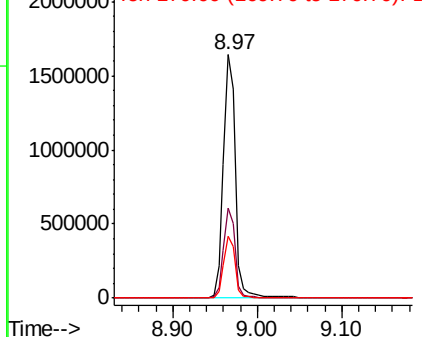


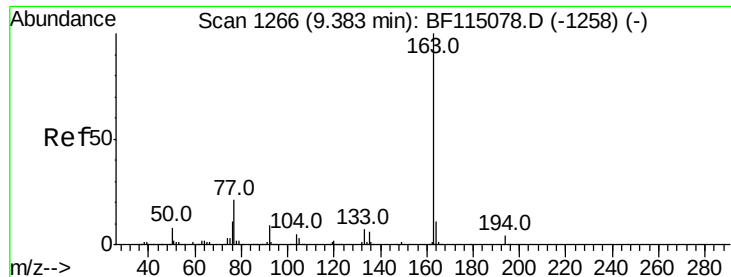
#45
 2-Fluorobiphenyl
 Concen: 70.081 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF115374.D
 Acq: 2 Jul 2019 21:47

Tgt Ion:172 Resp: 1645790
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.4 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





#50

Dimethylphthalate

Concen: 8.985 ng

RT: 9.36 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF115374.D

Acq: 2 Jul 2019 21:47

Instrument :

BNA_F

ClientSampleId :

VNJ-217-368

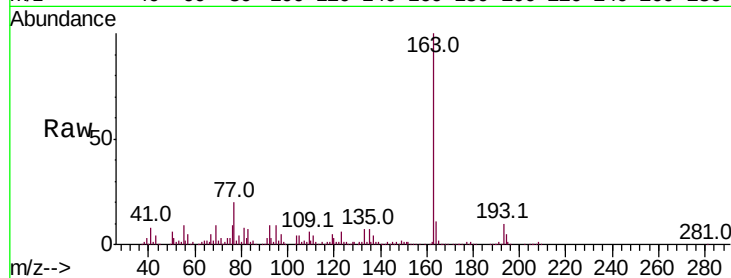
Tot Ion:163 Resp: 263703

Ion Ratio Lower Upper

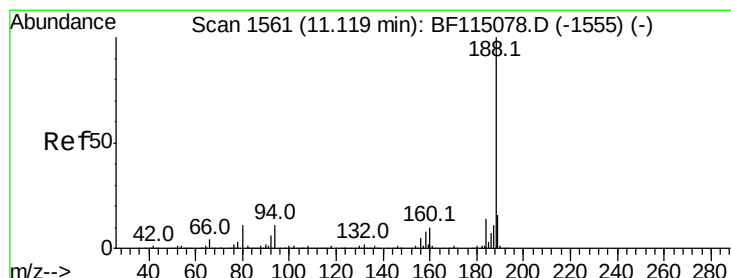
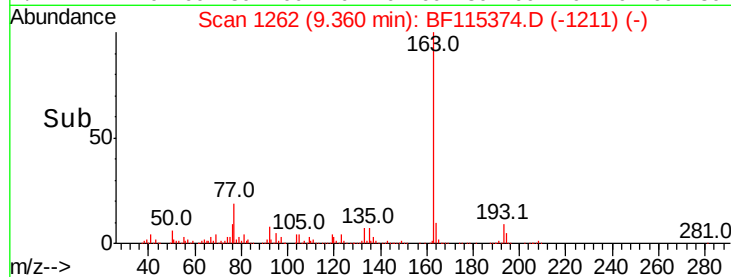
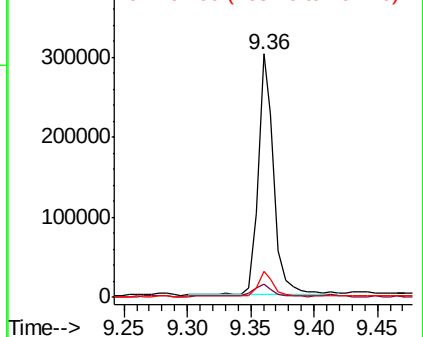
163 100

194 5.4 3.2 4.8#

164 10.6 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: BF115374.D

Acq: 2 Jul 2019 21:47

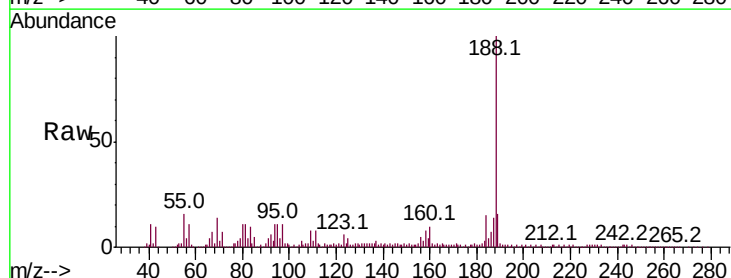
Tgt Ion:188 Resp: 688137

Ion Ratio Lower Upper

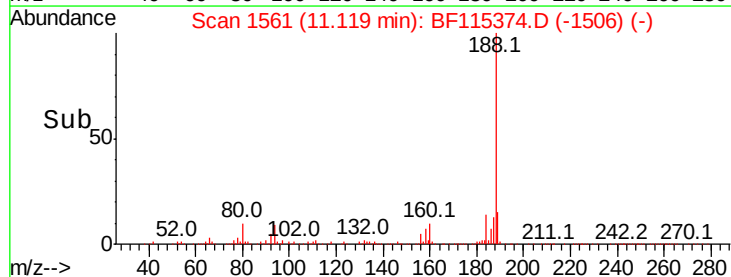
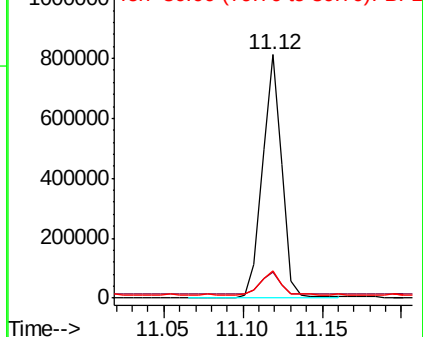
188 100

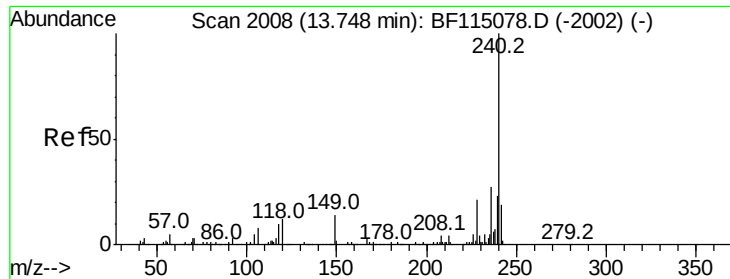
94 10.5 8.6 12.8

80 11.2 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: BF115374.D

Acq: 2 Jul 2019 21:47

Instrument :

BNA_F

ClientSampleId :

VNJ-217-368

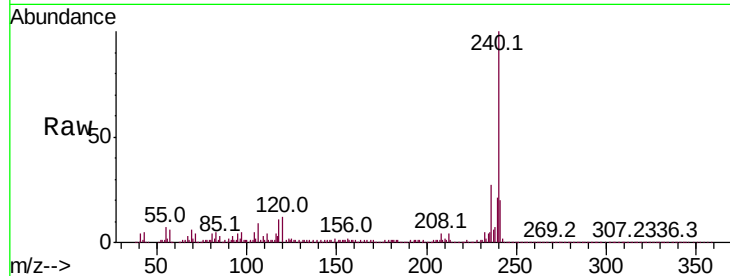
Tot Ion:240 Resp: 486255

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

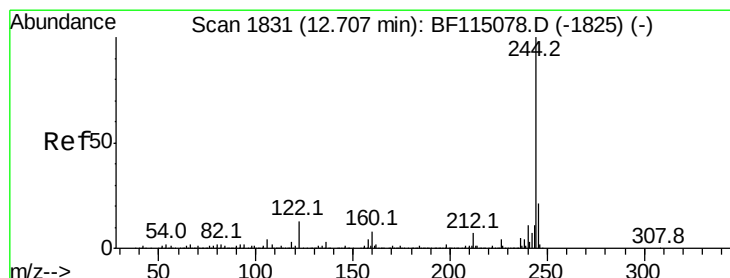
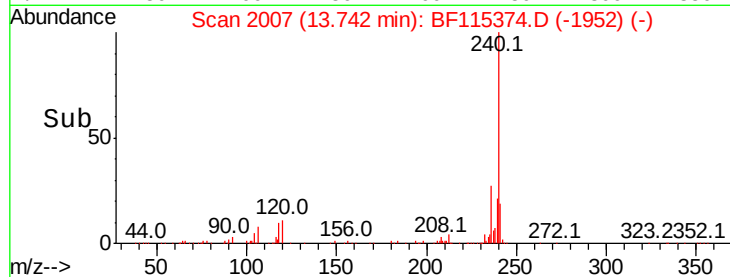
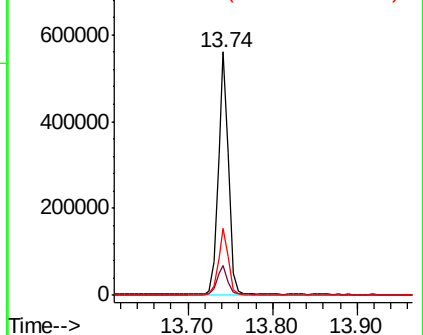
236 27.3 21.7 32.5



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: 67.681 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.02 min

Lab File: BF115374.D

Acq: 2 Jul 2019 21:47

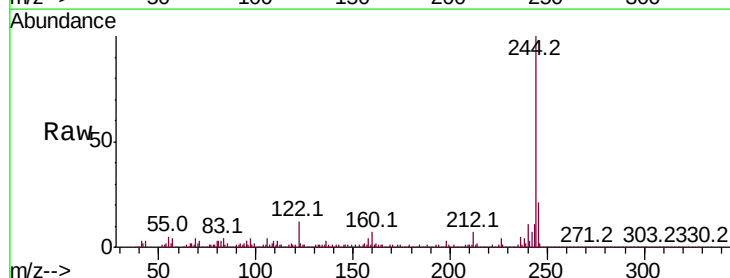
Tgt Ion:244 Resp: 1547886

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

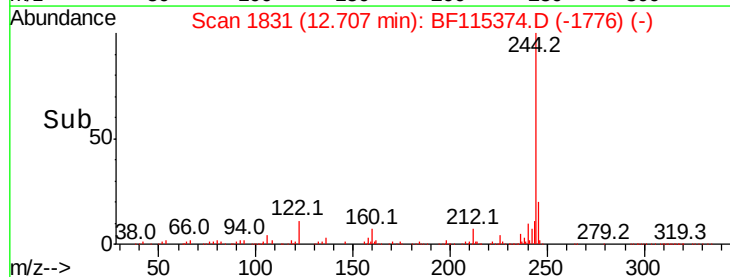
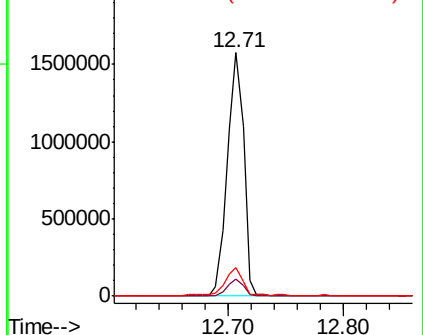
122 11.9 10.4 15.6

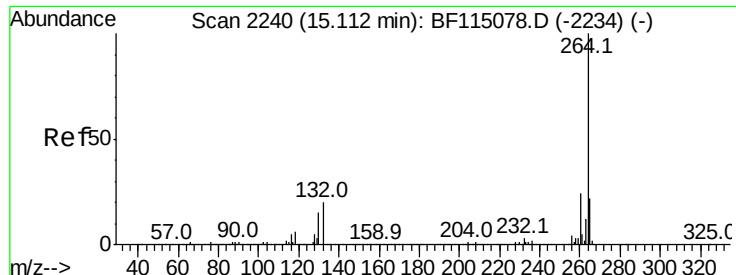


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115374.D
 Acq: 2 Jul 2019 21:47

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-217-368

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.8	17.3	25.9

