

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 05:56:13 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

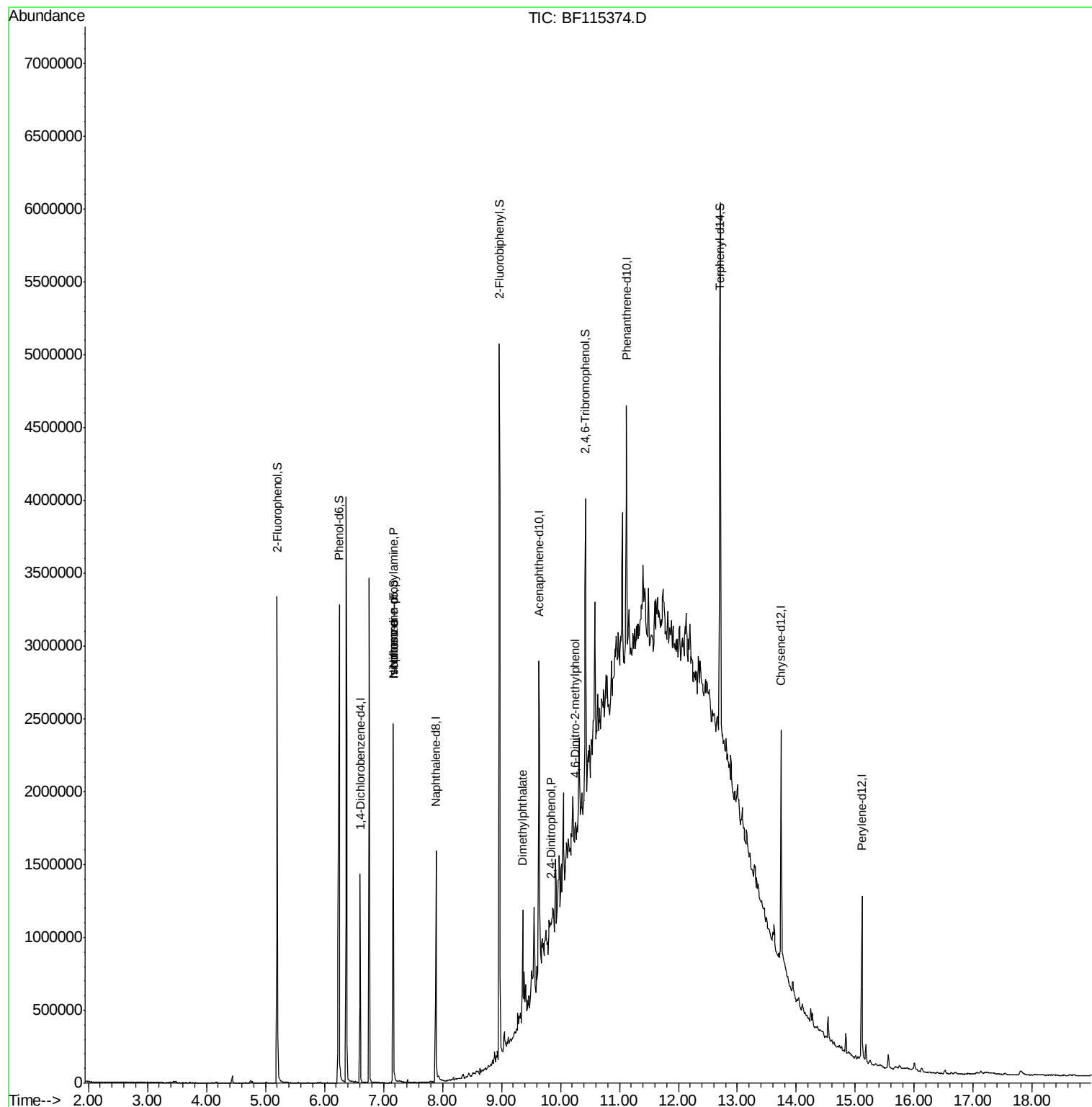
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	218947	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	860282	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	398908	20.00	ng	0.01
64) Phenanthrene-d10	11.12	188	688137	20.00	ng	0.02
76) Chrysene-d12	13.74	240	486255	20.00	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						
19) n-Nitroso-di-n-propylamine	7.17	70	107797	9.777	ng	# 77
25) Isophorone	7.17	82	800024	27.926	ng	# 63
50) Dimethylphthalate	9.36	163	263703	8.985	ng	# 99
54) 2,4-Dinitrophenol	9.84	184	588	7.497	ng	# 1
58) Fluorene	10.18	166	6462	Below Cal		# 3
61) 4-Chlorophenyl-phenylether	10.20	204	3375	Below Cal		# 1
65) 4,6-Dinitro-2-methylphenol	10.25	198	849	5.168	ng	# 1

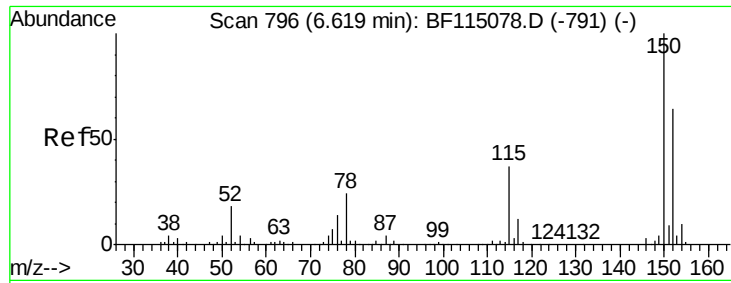
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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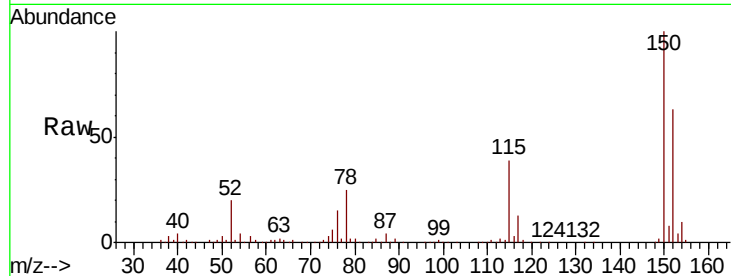




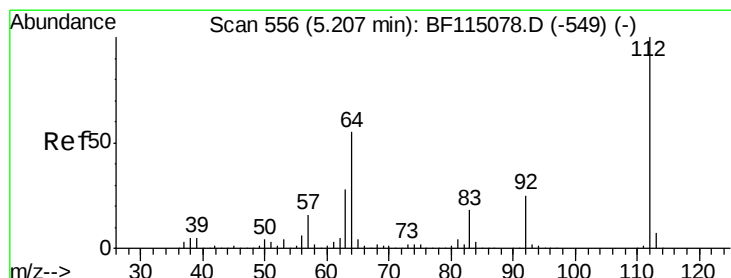
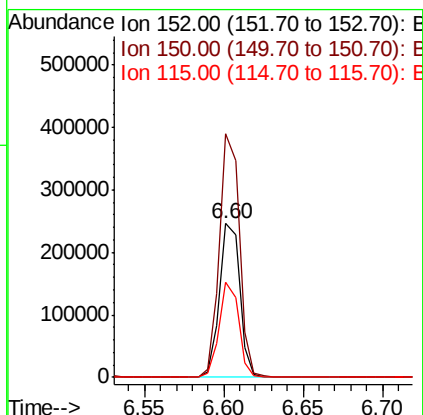
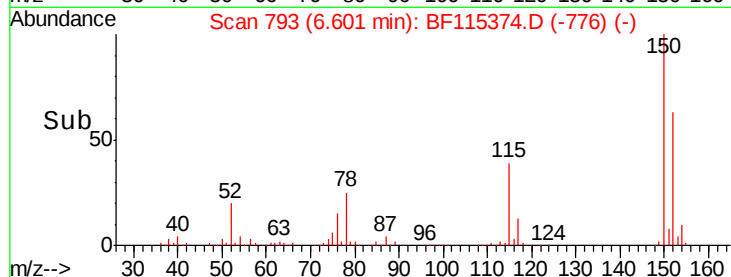
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF115374.D
 Acq: 2 Jul 2019 21:47

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-217-368

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

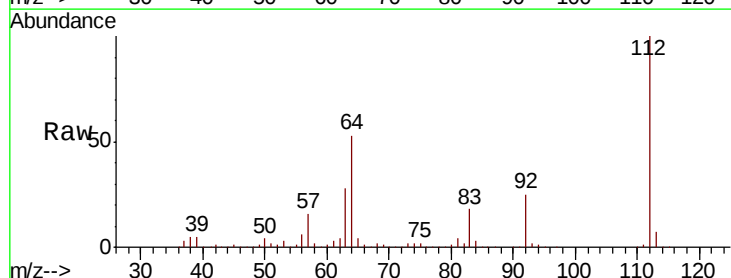


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

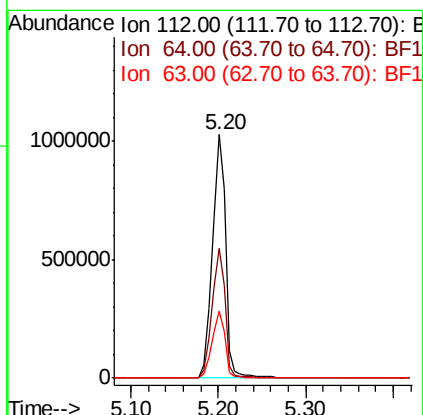
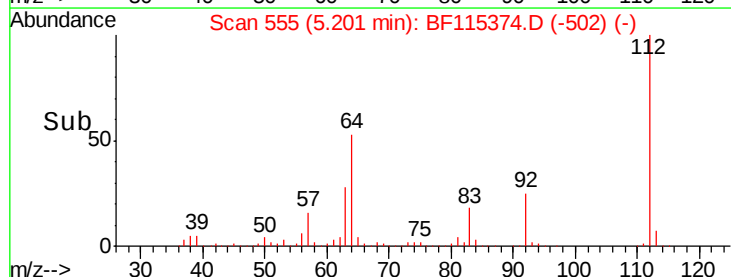


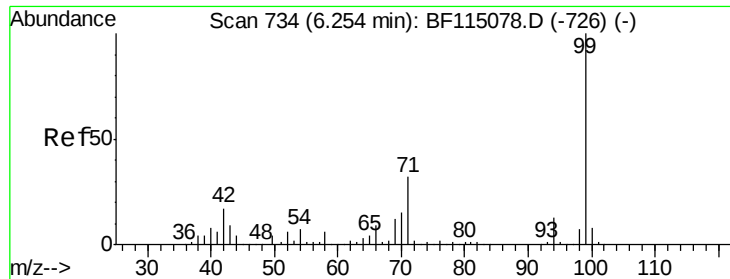
#5
 2-Fluorophenol
 Concen: 76.963 ng
 RT: 5.20 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF115374.D
 Acq: 2 Jul 2019 21:47

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

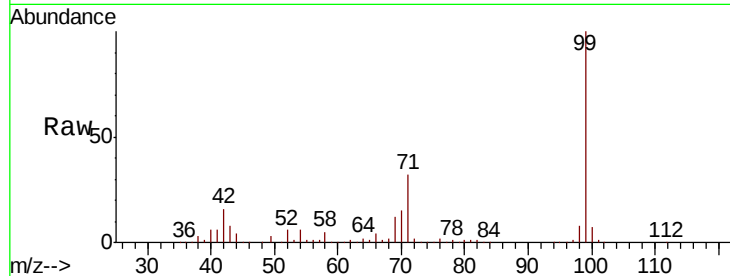
Tgt Ion: 99 Resp: 1399739

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

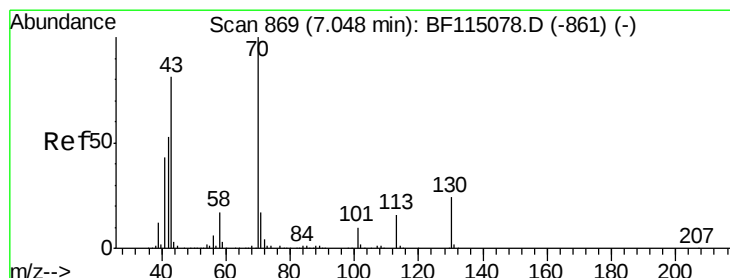
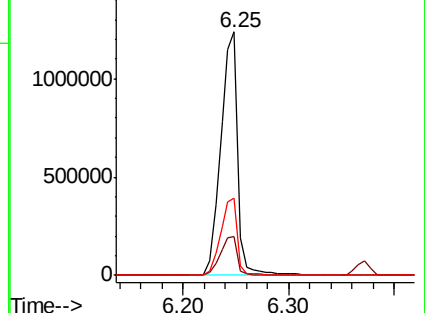
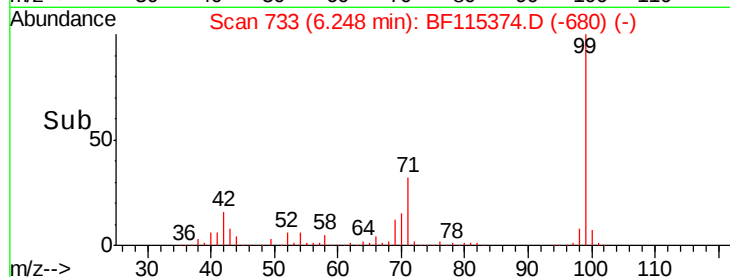
71 31.8 25.5 38.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.777 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF115374.D

Acq: 2 Jul 2019 21:47

Tgt Ion: 70 Resp: 107797

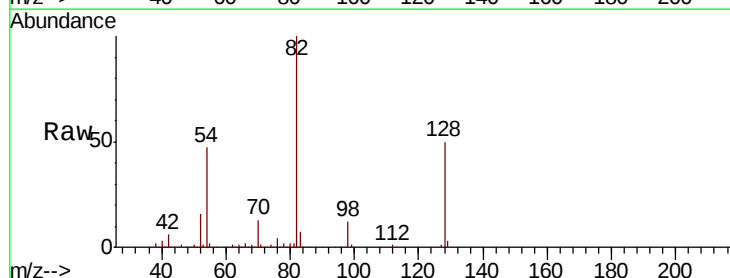
Ion Ratio Lower Upper

70 100

42 44.6 42.6 63.8

101 0.0 8.0 12.0#

130 2.4 19.4 29.0#

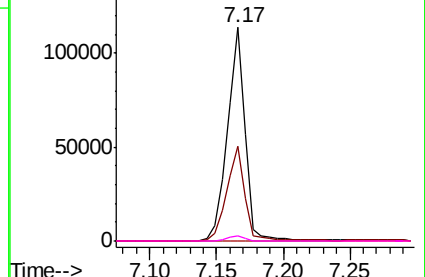
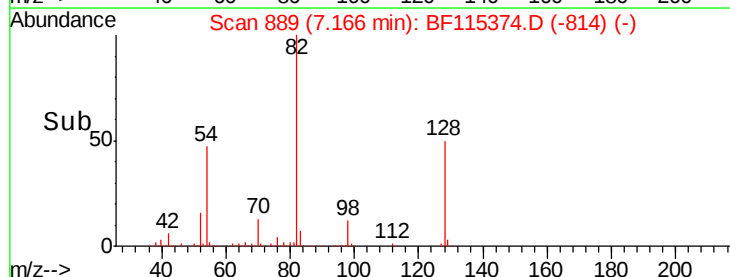


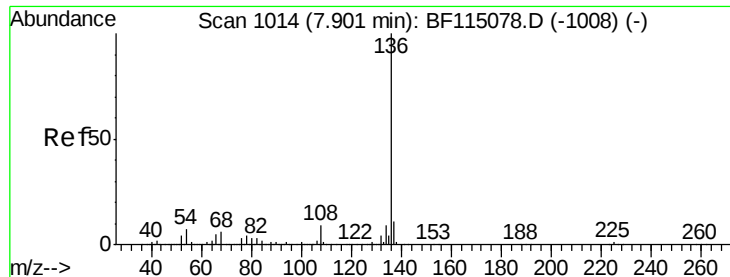
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

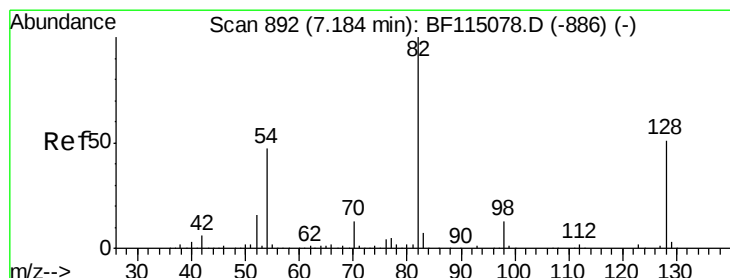
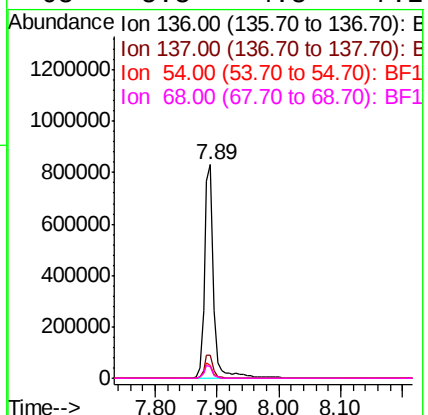
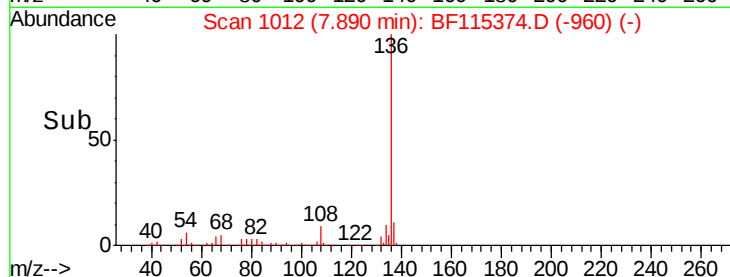
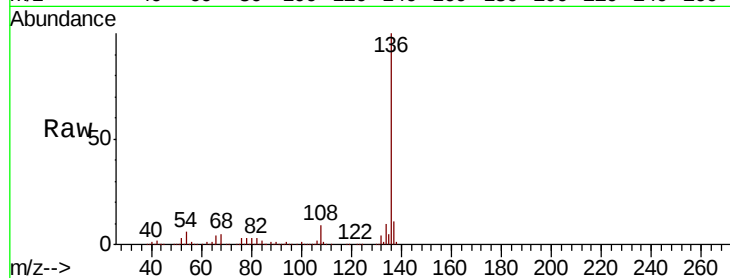




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115374.D
Acq: 2 Jul 2019 21:47

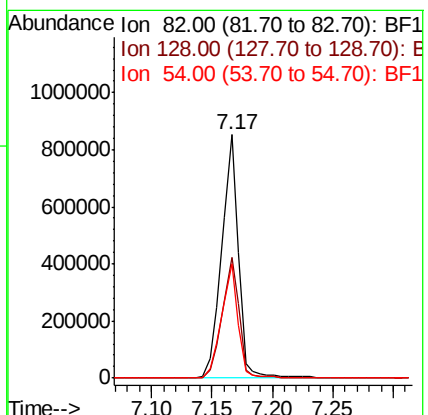
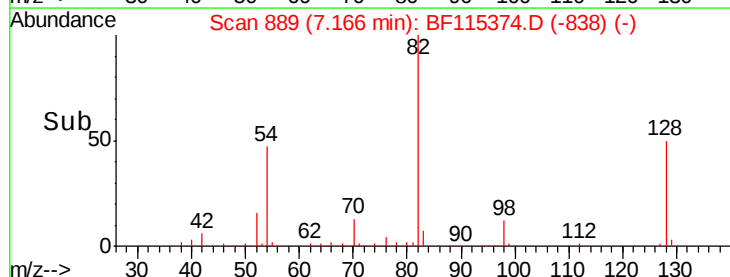
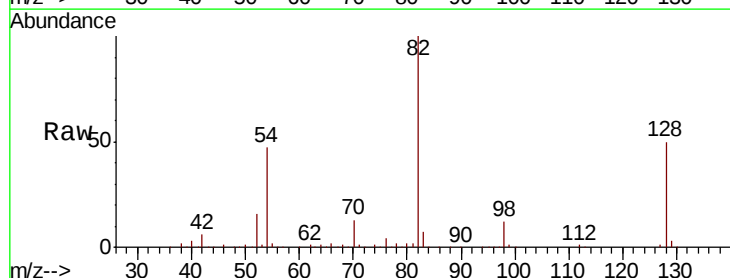
Instrument :
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VNJ-217-368

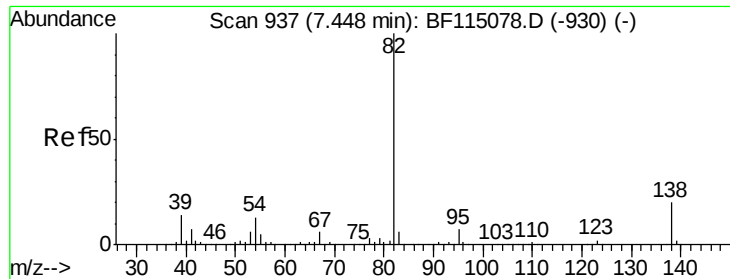
Tgt Ion:	136	Resp:	860282
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.0	5.6	8.4
68	5.3	4.8	7.2



#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

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





#25

Isophorone

Concen: 27.926 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF115374.D

Acq: 2 Jul 2019 21:47

Instrument :

BNA_F

ClientSampleId :

VNJ-217-368

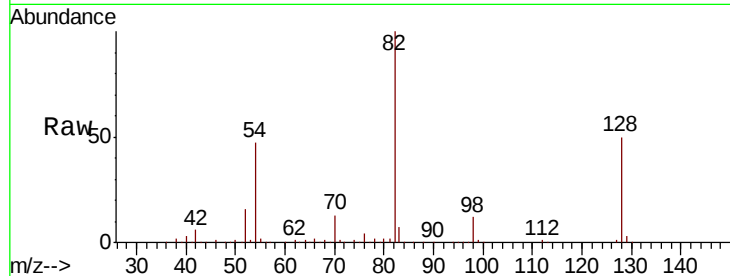
Tgt Ion: 82 Resp: 800024

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

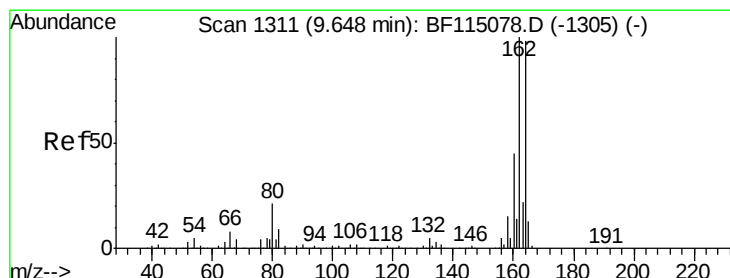
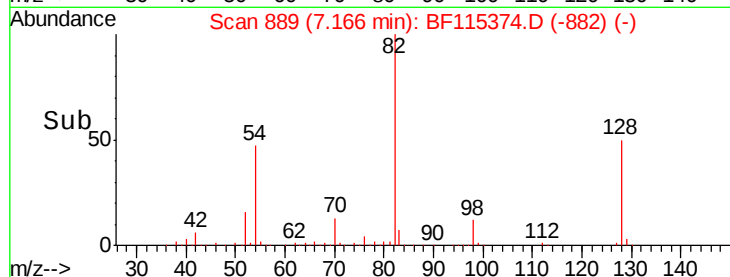
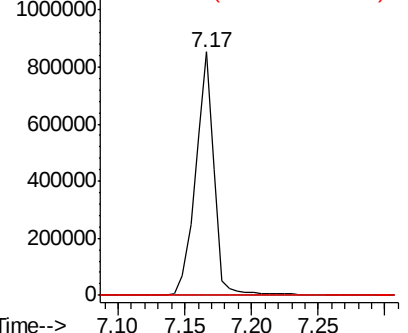
138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#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

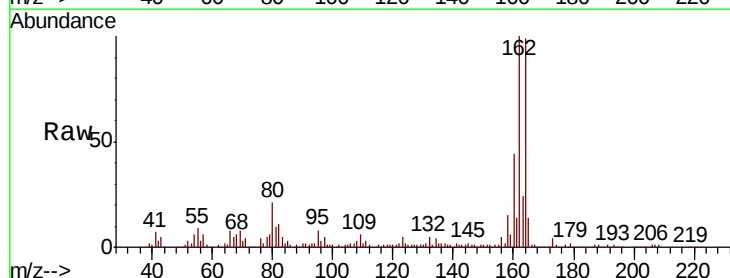
Tgt Ion: 164 Resp: 398908

Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

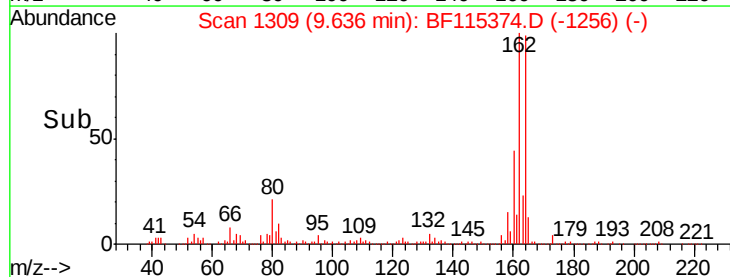
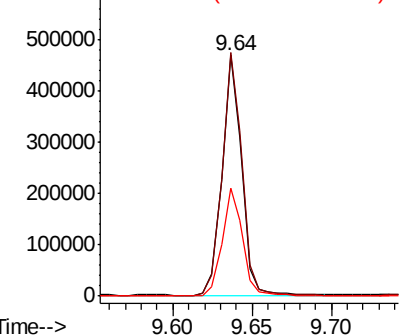
160 44.9 37.0 55.4

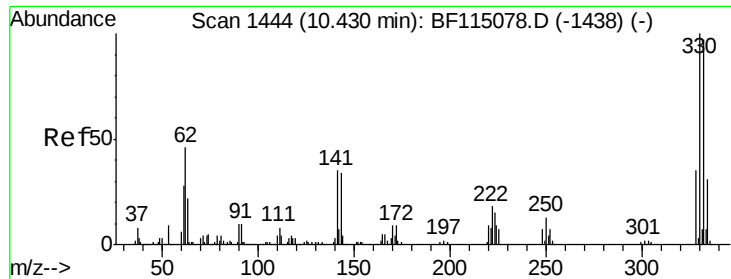


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

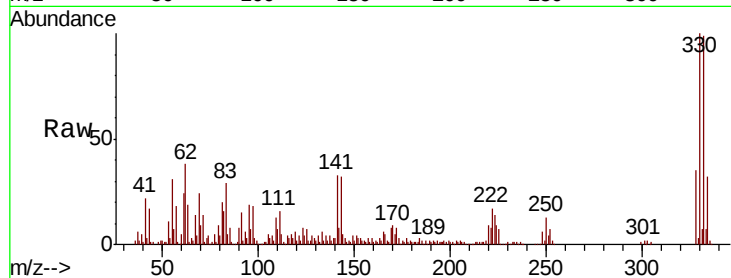




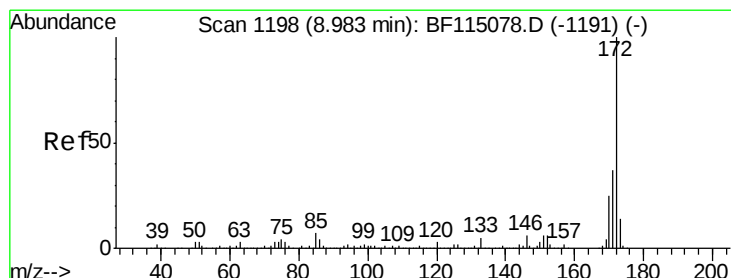
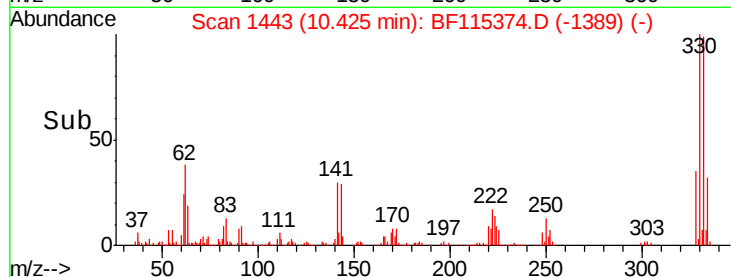
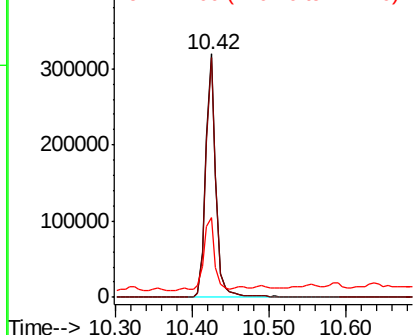
#42
 2,4,6-Tribromophenol
 Concen: 70.322 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. 0.02 min
 Lab File: BF115374.D
 Acq: 2 Jul 2019 21:47

Instrument :
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 VNJ-217-368

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

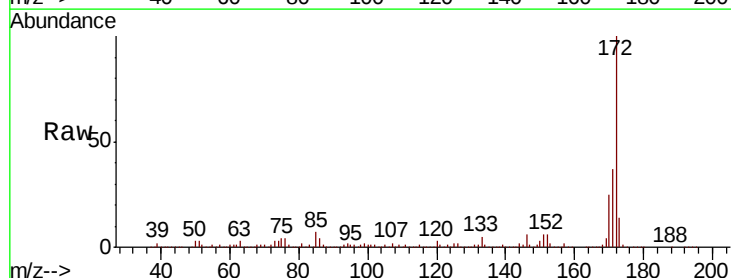


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

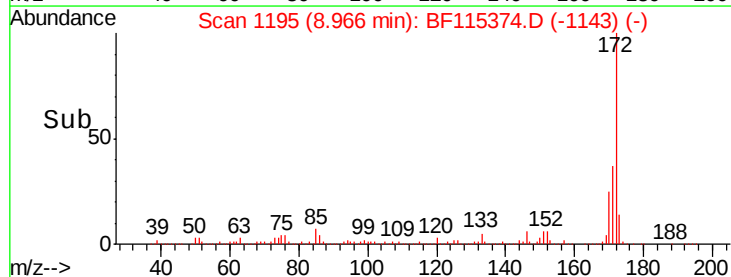
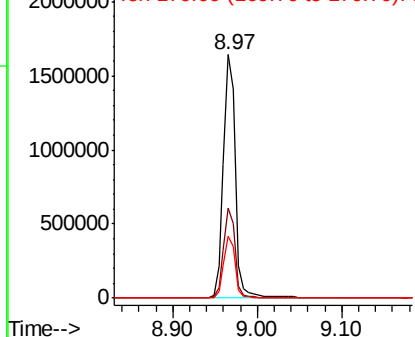


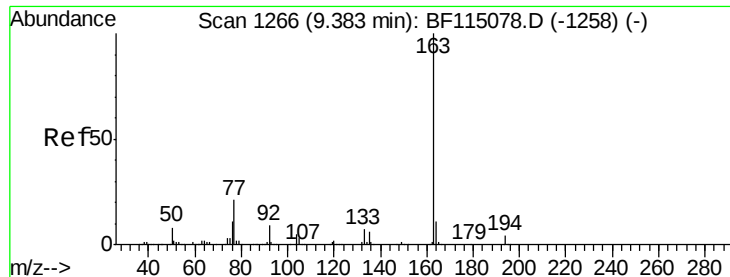
#45
 2-Fluorobiphenyl
 Concen: 70.081 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF115374.D
 Acq: 2 Jul 2019 21:47

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

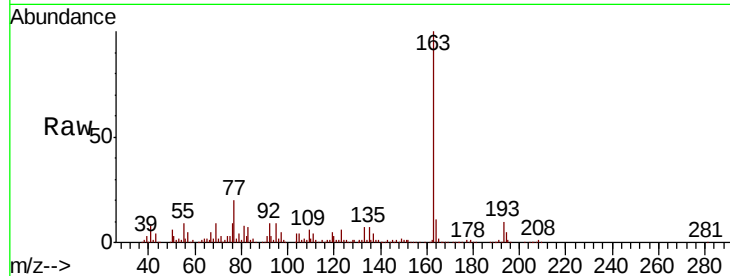




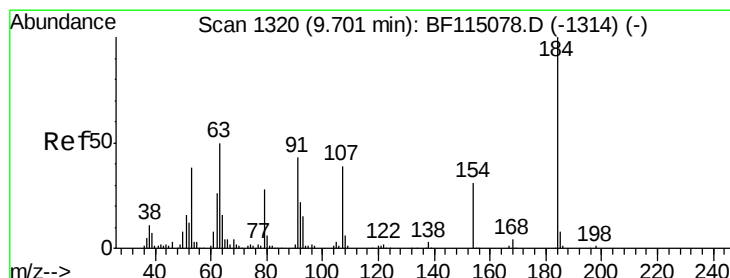
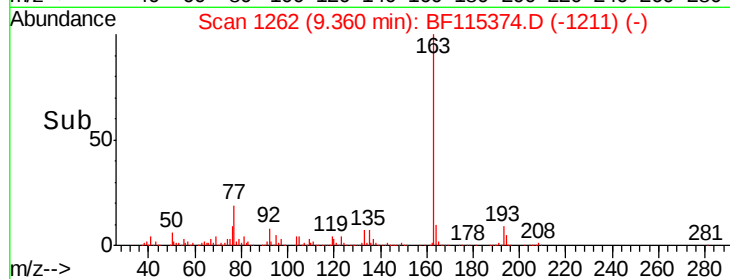
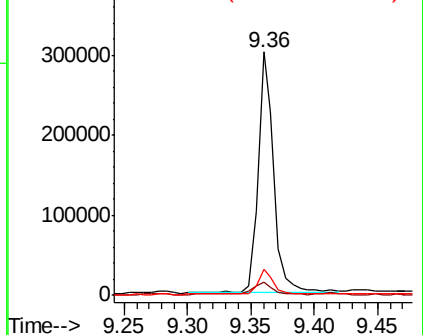
#50
Dimethylphthalate
Concen: 8.985 ng
RT: 9.36 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF115374.D
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Tgt Ion:163 Resp: 263703
Ion Ratio Lower Upper
163 100
194 5.4 3.2 4.8#
164 10.6 8.6 13.0

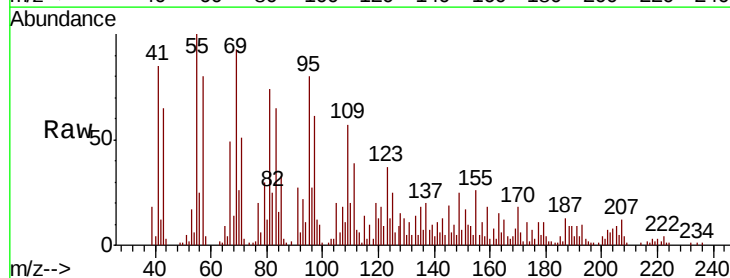


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

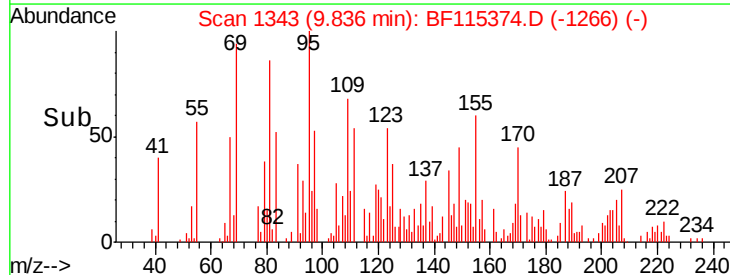
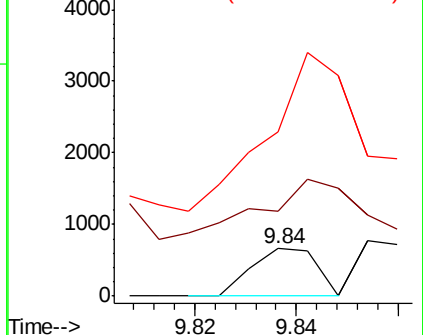


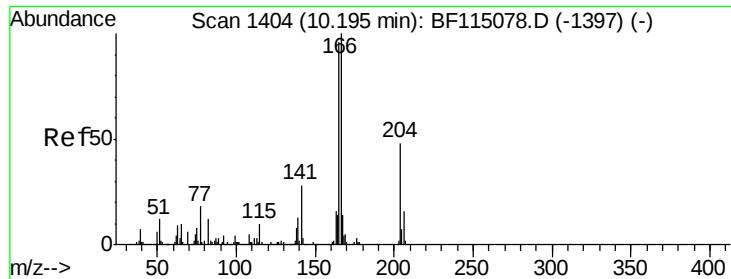
#54
2,4-Dinitrophenol
Concen: 7.497 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.15 min
Lab File: BF115374.D
Acq: 2 Jul 2019 21:47

Tgt Ion:184 Resp: 588
Ion Ratio Lower Upper
184 100
63 180.0 41.9 62.9#
154 347.5 44.7 67.1#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

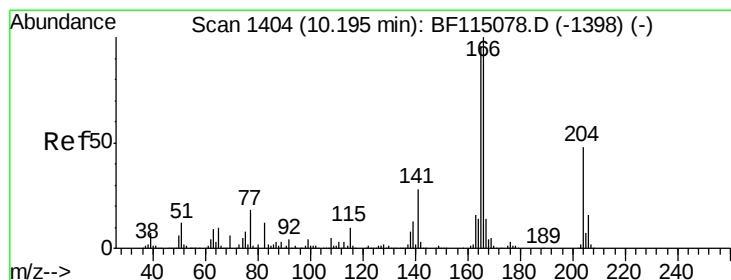
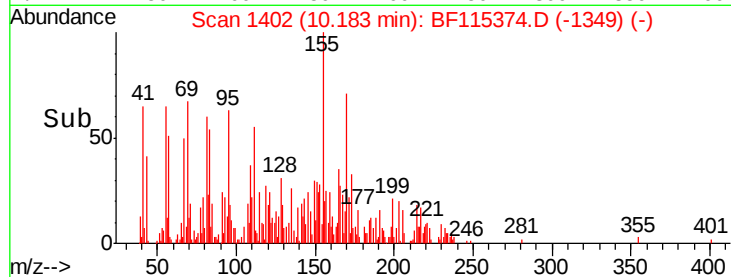
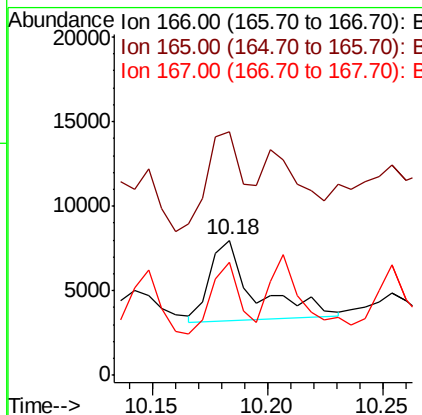
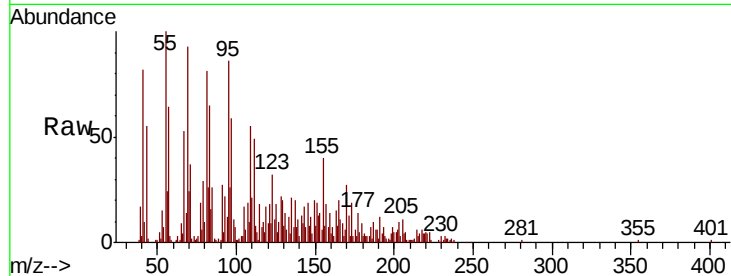




#58
 Fluorene
 Concen: Below Cal
 RT: 10.18 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF115374.D
 Acq: 2 Jul 2019 21:47

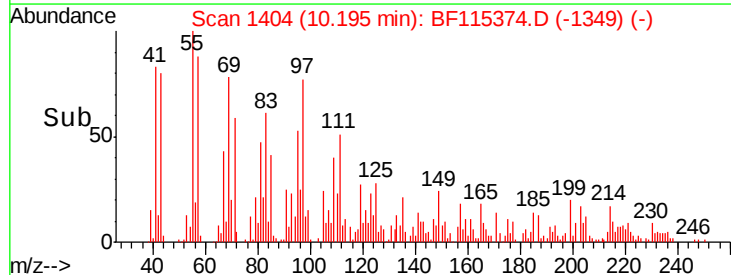
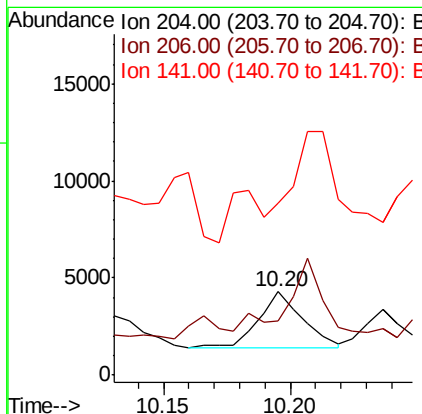
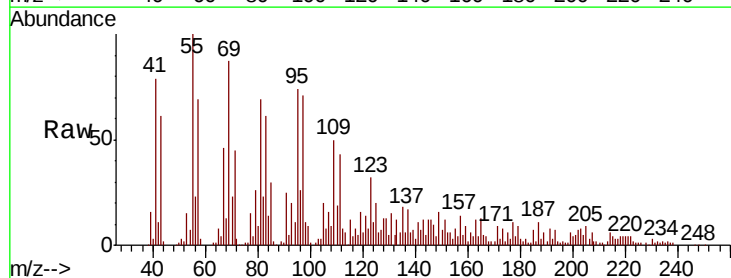
Instrument :
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 ClientSampleId :
 VNJ-217-368

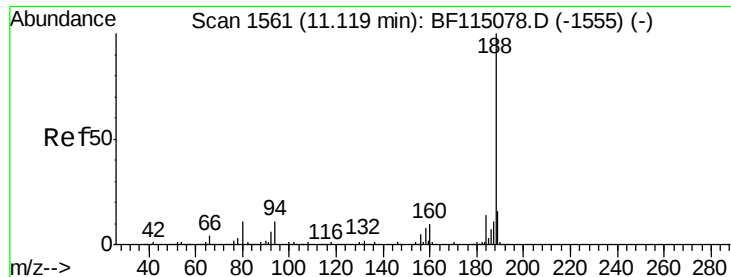
Tgt Ion:166 Resp: 6462
 Ion Ratio Lower Upper
 166 100
 165 179.8 76.5 114.7#
 167 83.1 11.0 16.4#



#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.02 min
 Lab File: BF115374.D
 Acq: 2 Jul 2019 21:47

Tgt Ion:204 Resp: 3375
 Ion Ratio Lower Upper
 204 100
 206 65.1 26.6 40.0#
 141 206.7 46.7 70.1#





#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

Instrument :

BNA_F

ClientSampleId :

VNJ-217-368

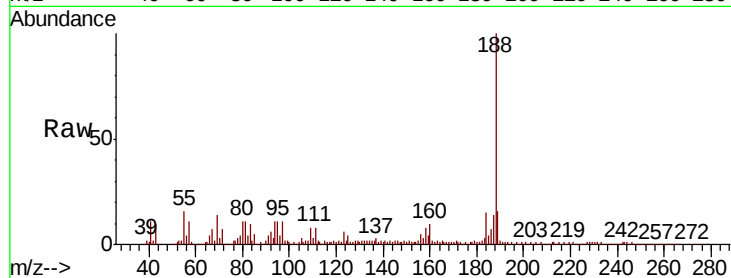
Tgt Ion:188 Resp: 688137

Ion Ratio Lower Upper

188 100

94 10.5 8.6 12.8

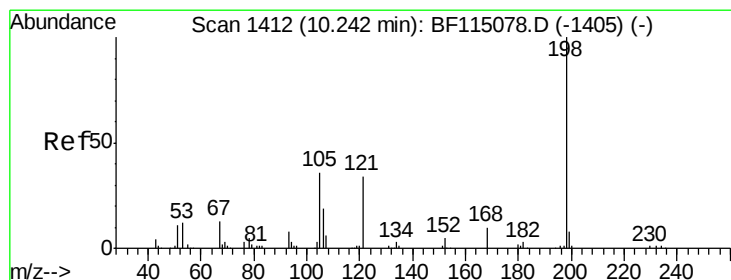
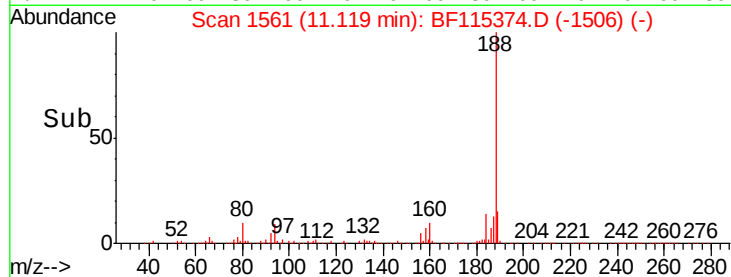
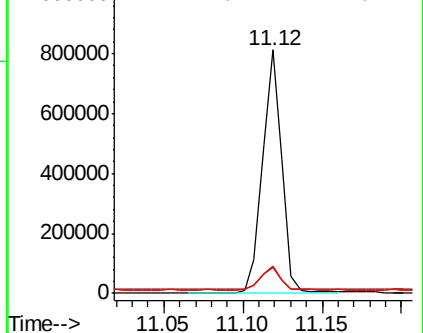
80 11.2 8.8 13.2



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



#65

4,6-Dinitro-2-methylphenol

Concen: 5.168 ng

RT: 10.25 min Scan# 1414

Delta R.T. 0.04 min

Lab File: BF115374.D

Acq: 2 Jul 2019 21:47

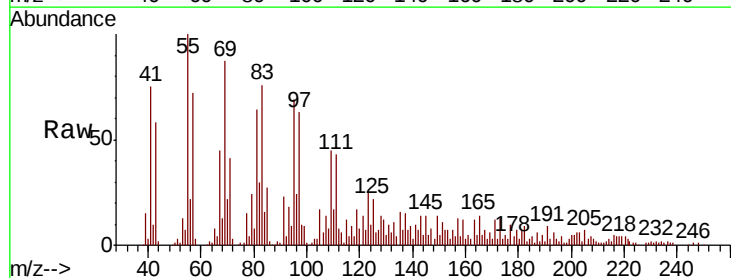
Tgt Ion:198 Resp: 849

Ion Ratio Lower Upper

198 100

51 230.7 11.0 51.0#

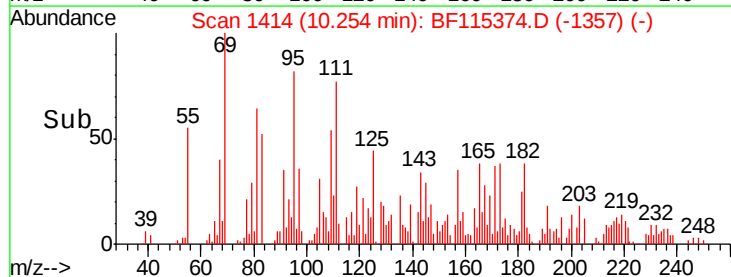
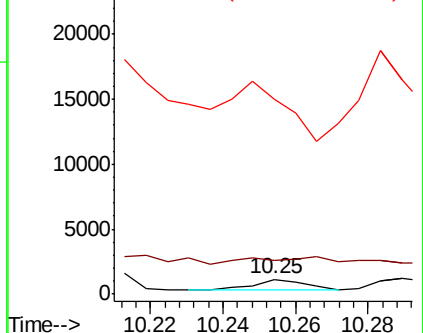
105 1338.0 17.3 57.3#

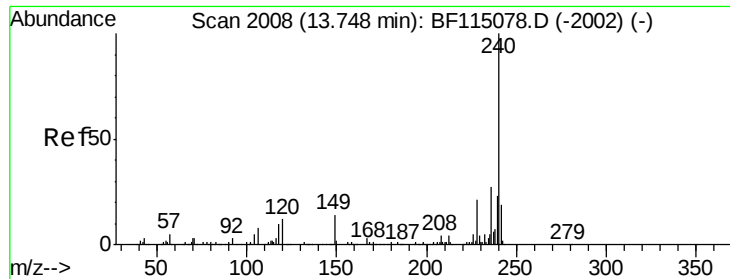


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

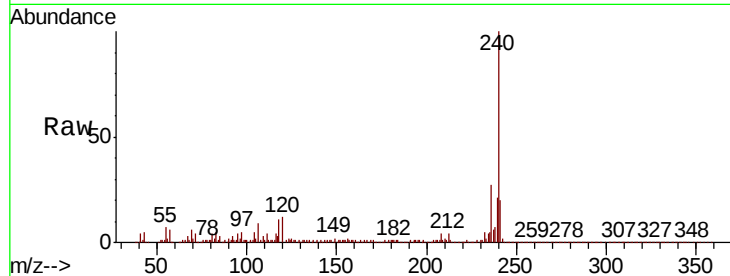




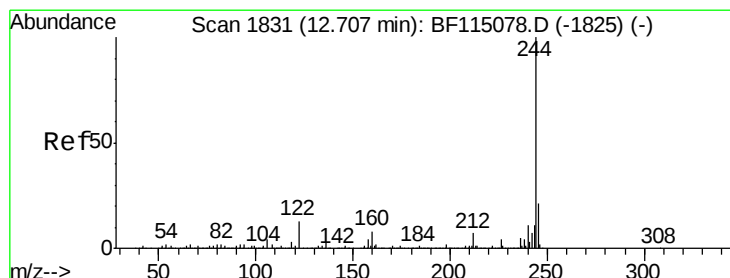
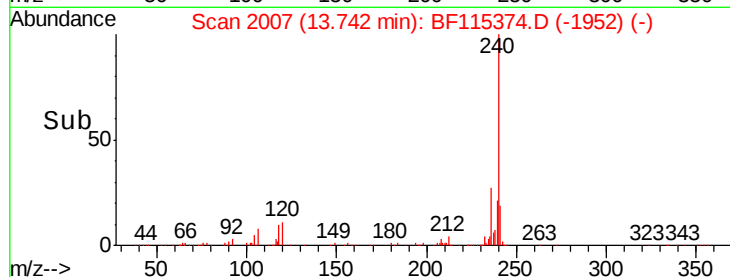
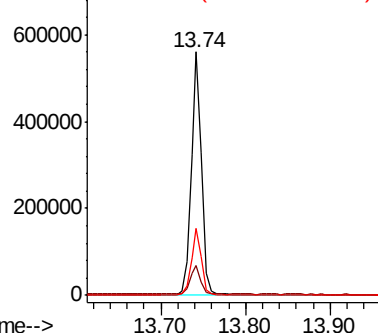
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BF115374.D
Acq: 2 Jul 2019 21:47

Instrument :
BNA_F
ClientSampleId :
VNJ-217-368

Tgt Ion:240 Resp: 486255
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 27.3 21.7 32.5

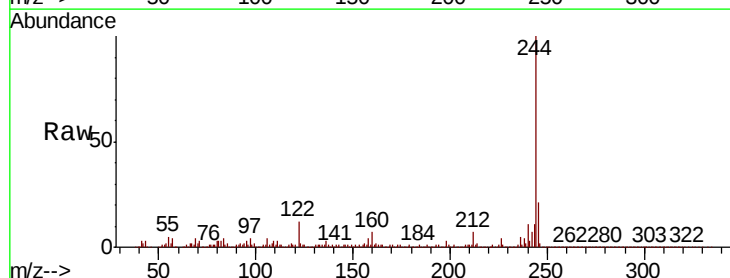


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

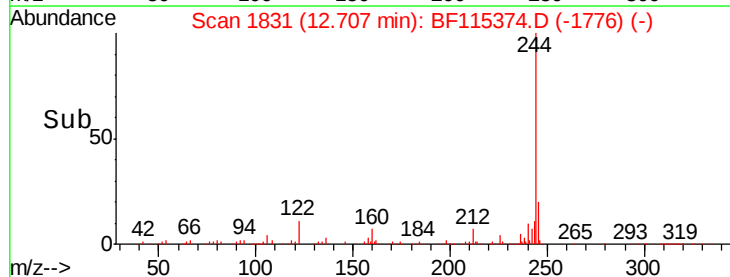
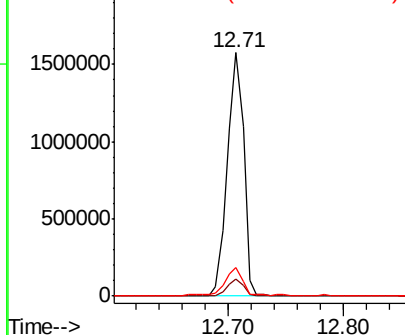


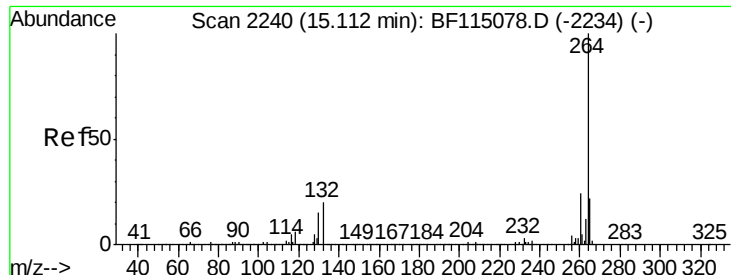
#79
Terphenyl-d14
Concen: 67.681 ng
RT: 12.71 min Scan# 1831
Delta R.T. 0.02 min
Lab File: BF115374.D
Acq: 2 Jul 2019 21:47

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
Perylene-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

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

