

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
 Data File : BF115370.D
 Acq On : 2 Jul 2019 20:01
 Operator : HP/JU
 Sample : K3628-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-231-VNJ-236-345

Quant Time: Jul 03 05:55:24 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

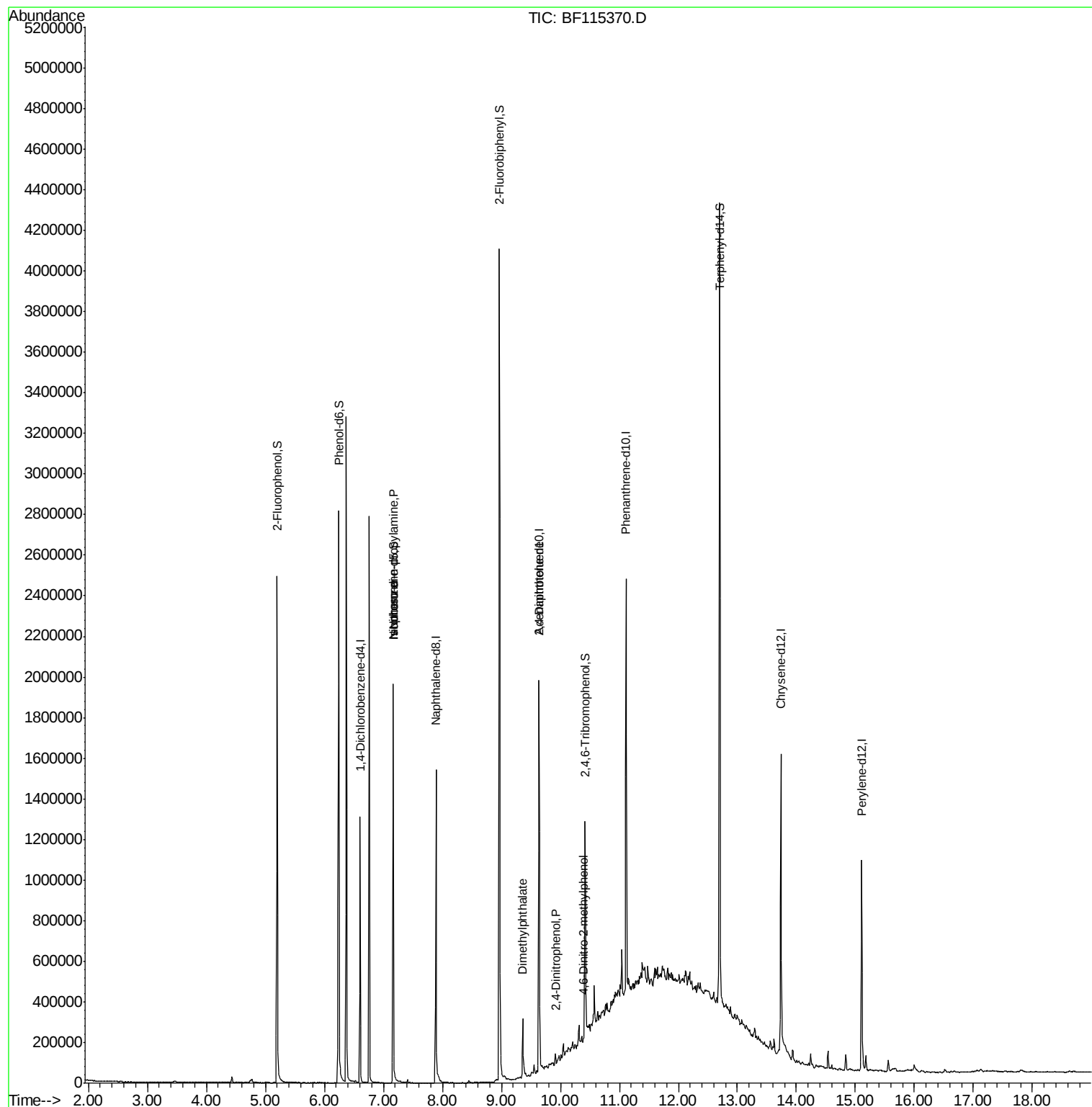
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	204925	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	809176	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	392134	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	736448	20.00	ng	0.02
76) Chrysene-d12	13.74	240	487846	20.00	ng	0.02
87) Perylene-d12	15.11	264	486009	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	812355	61.17	ng	0.01
7) Phenol-d6	6.24	99	1072414	66.53	ng	0.00
23) Nitrobenzene-d5	7.17	82	620808	47.20	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	148572	35.93	ng	0.01
45) 2-Fluorobiphenyl	8.97	172	1328145	57.53	ng	0.00
79) Terphenyl-d14	12.70	244	1374986	59.93	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	79504	7.705	ng	# 78
25) Isophorone	7.17	82	602739	22.368	ng	# 63
50) Dimethylphthalate	9.36	163	144996	5.026	ng	# 99
54) 2,4-Dinitrophenol	9.92	184	116	7.374	ng	# 24
57) 2,4-Dinitrotoluene	9.64	165	53368	6.205	ng	# 30
58) Fluorene	10.18	166	678	Below Cal	#	52
61) 4-Chlorophenyl-phenylether	10.20	204	411	Below Cal	#	1
65) 4,6-Dinitro-2-methylphenol	10.38	198	342	5.038	ng	# 1

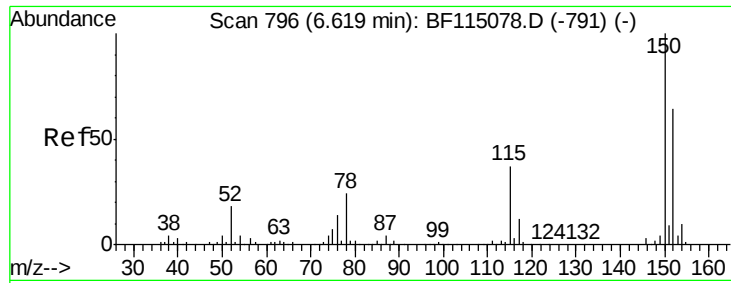
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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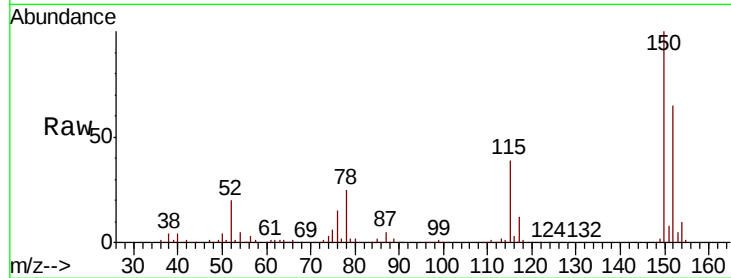


#1

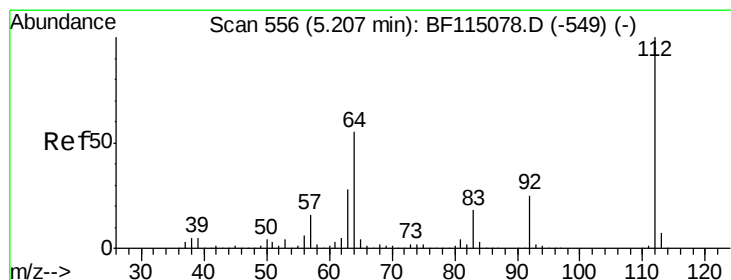
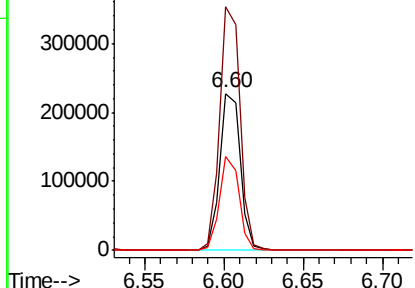
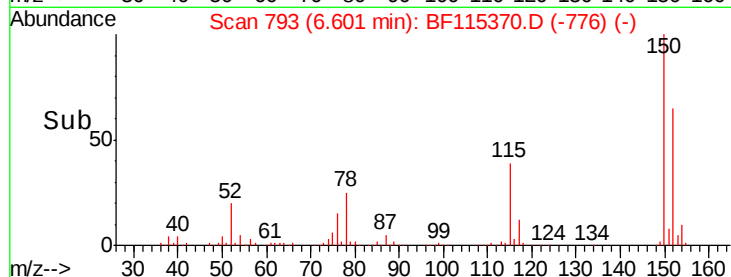
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115370.D
Acq: 2 Jul 2019 20:01

Instrument :
BNA_F
ClientSampleId :
VNJ-231-VNJ-236-345

Tgt Ion:152 Resp: 204925
Ion Ratio Lower Upper
152 100
150 155.0 124.2 186.2
115 59.7 46.1 69.1



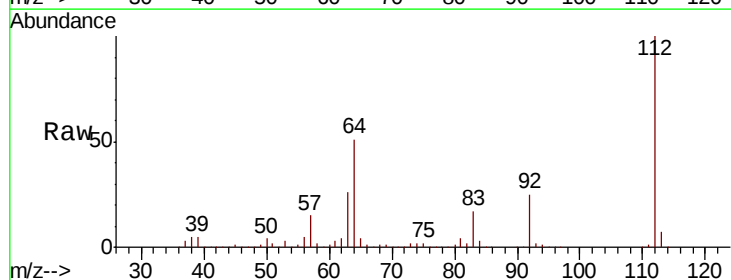
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



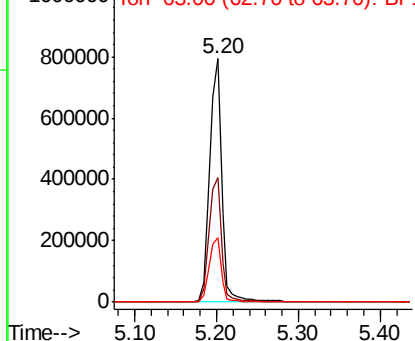
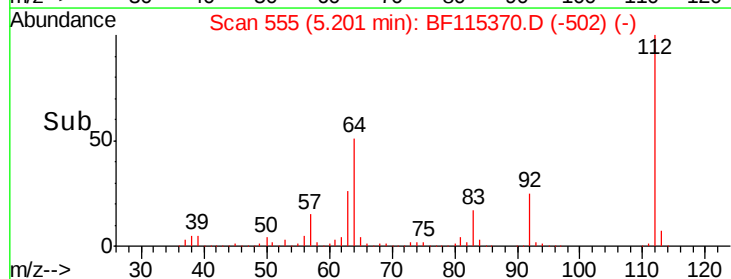
#5

2-Fluorophenol
Concen: 61.174 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115370.D
Acq: 2 Jul 2019 20:01

Tgt Ion:112 Resp: 812355
Ion Ratio Lower Upper
112 100
64 50.9 43.8 65.6
63 26.5 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: 66.535 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115370.D

Acq: 2 Jul 2019 20:01

Instrument :

BNA_F

ClientSampleId :

VNJ-231-VNJ-236-345

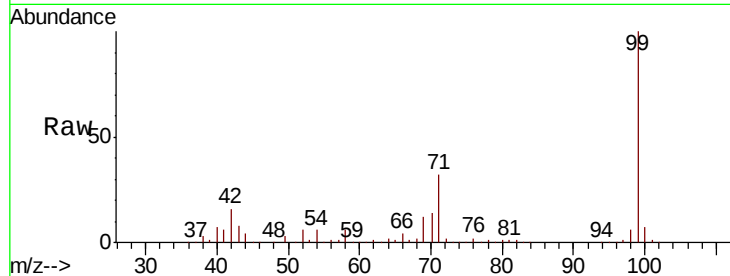
Tgt Ion: 99 Resp: 1072414

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

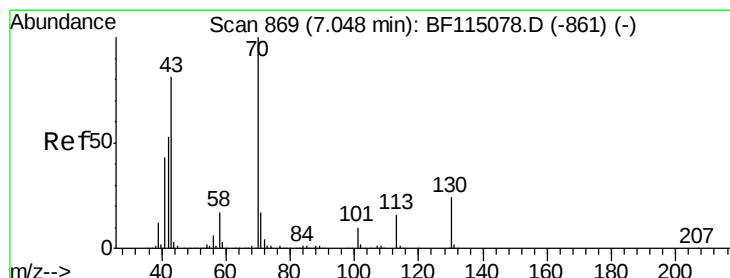
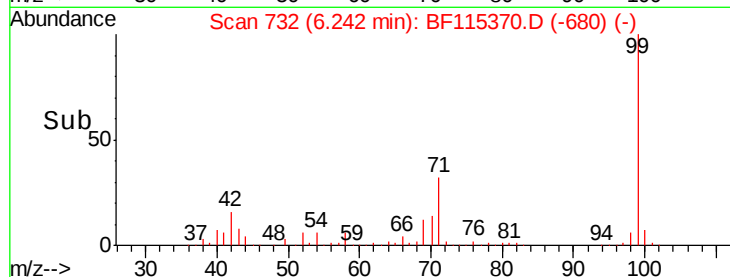
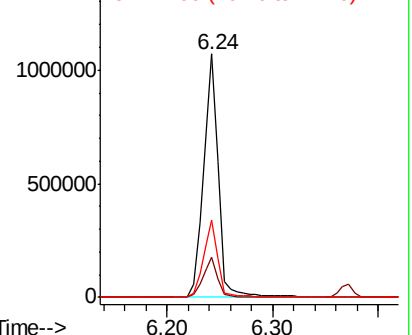
71 31.6 25.5 38.3



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: 7.705 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF115370.D

Acq: 2 Jul 2019 20:01

Tgt Ion: 70 Resp: 79504

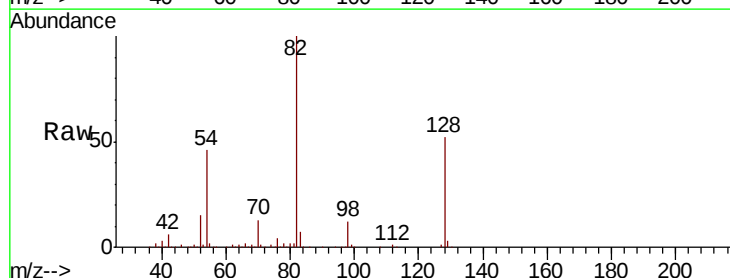
Ion Ratio Lower Upper

70 100

42 44.6 42.6 63.8

101 0.0 8.0 12.0#

130 2.7 19.4 29.0#

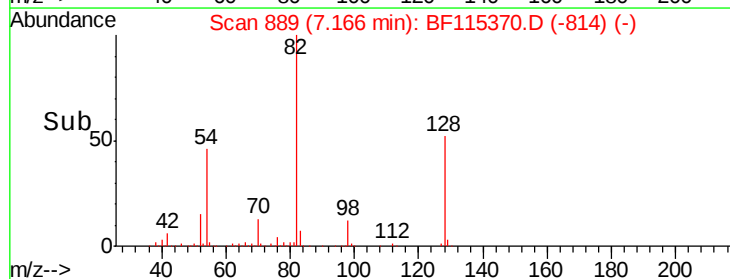
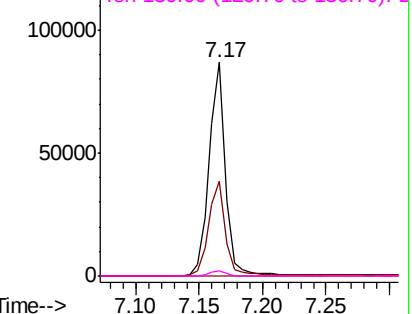


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

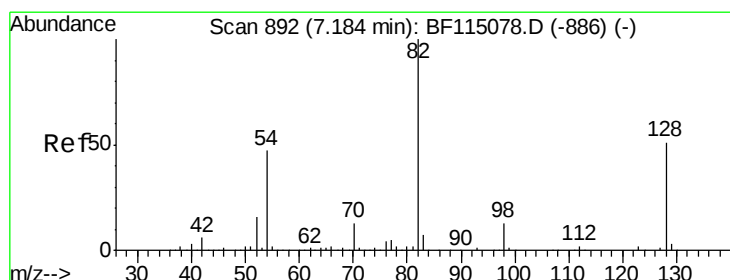
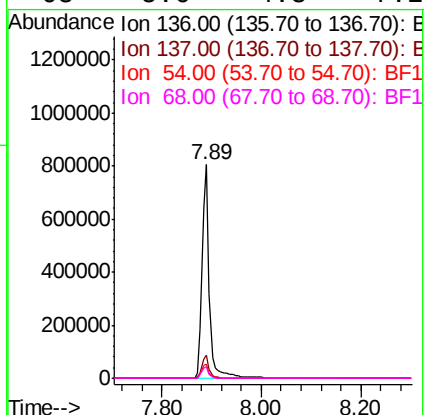
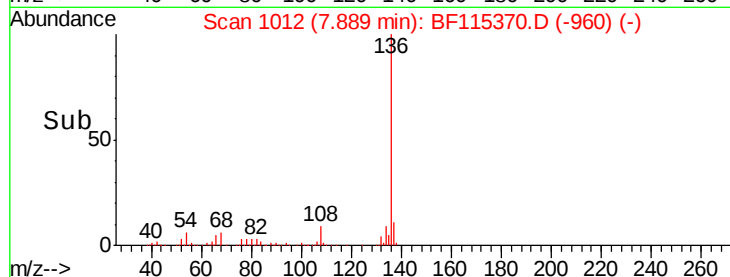
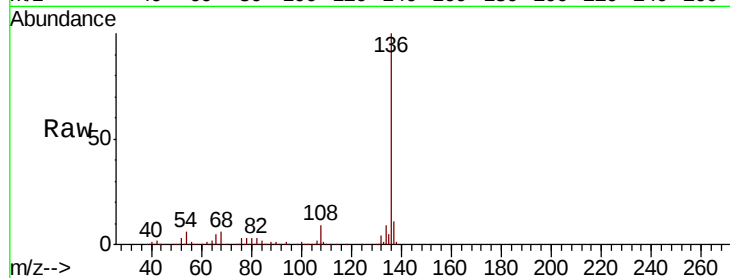




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115370.D
Acq: 2 Jul 2019 20:01

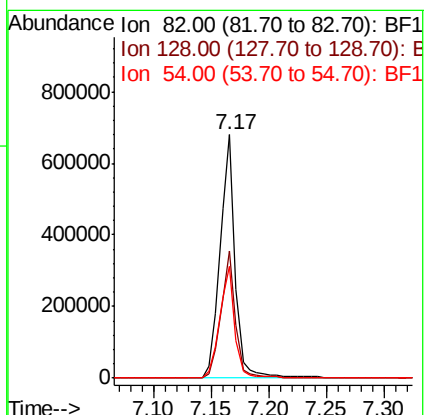
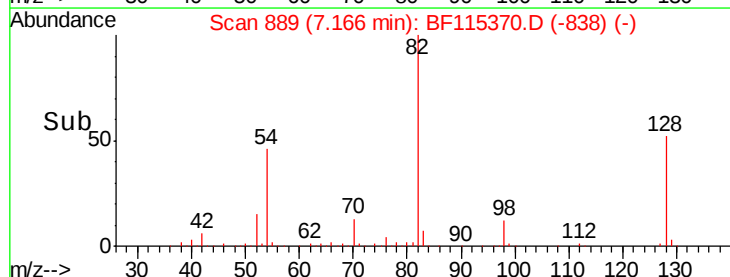
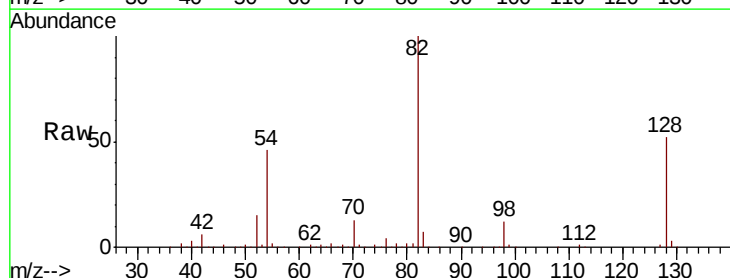
Instrument :
BNA_F
ClientSampleId :
VNJ-231-VNJ-236-345

Tgt Ion:	136	Resp:	809176
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	5.6	8.4
68	5.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 47.195 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115370.D
Acq: 2 Jul 2019 20:01

Tgt Ion:	82	Resp:	620808
Ion	Ratio	Lower	Upper
82	100		
128	52.0	40.4	60.6
54	45.7	37.5	56.3





#25

Isophorone

Concen: 22.368 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF115370.D

Acq: 2 Jul 2019 20:01

Instrument :

BNA_F

ClientSampleId :

VNJ-231-VNJ-236-345

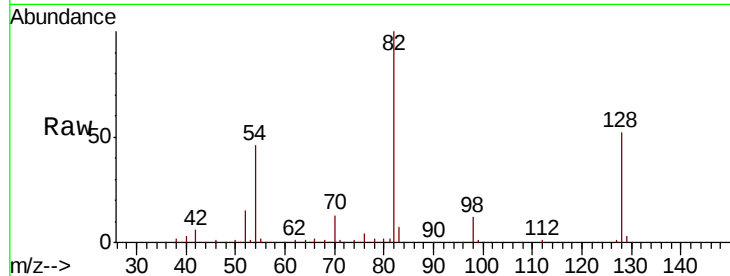
Tgt Ion: 82 Resp: 602739

Ion Ratio Lower Upper

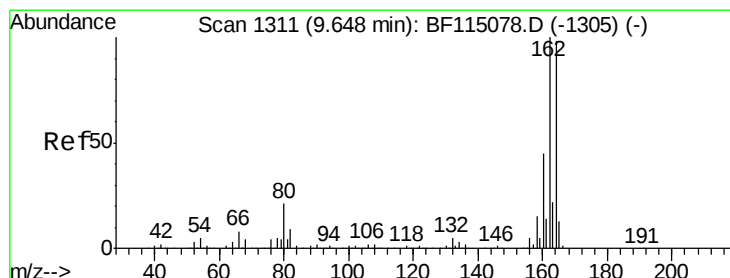
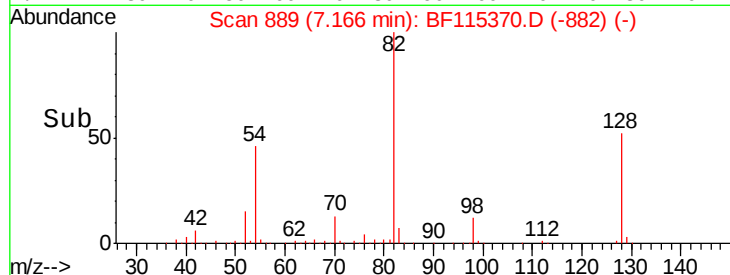
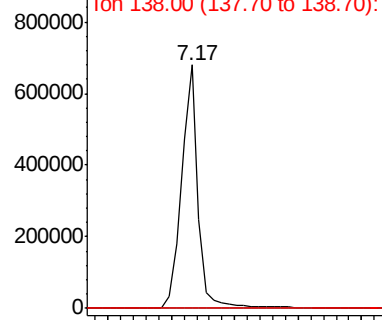
82 100

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: BF115370.D

Acq: 2 Jul 2019 20:01

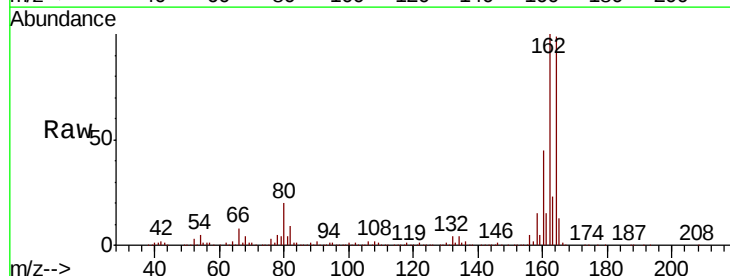
Tgt Ion: 164 Resp: 392134

Ion Ratio Lower Upper

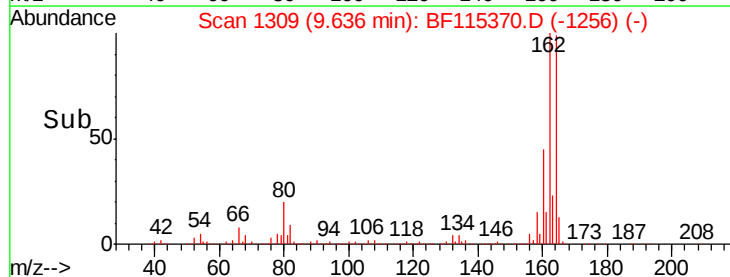
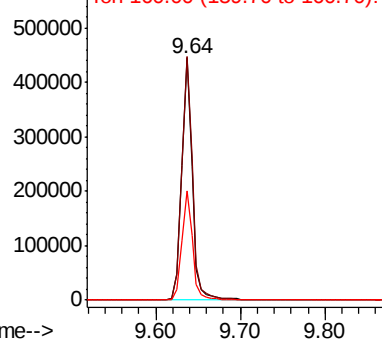
164 100

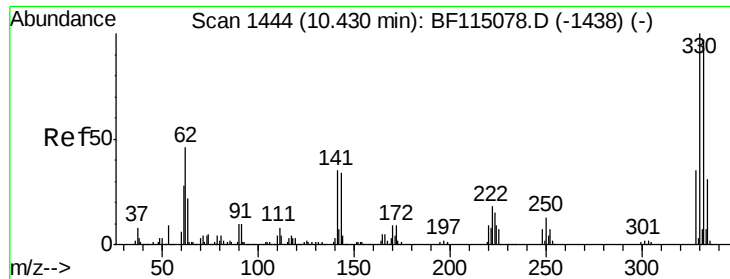
162 100.6 81.7 122.5

160 45.0 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

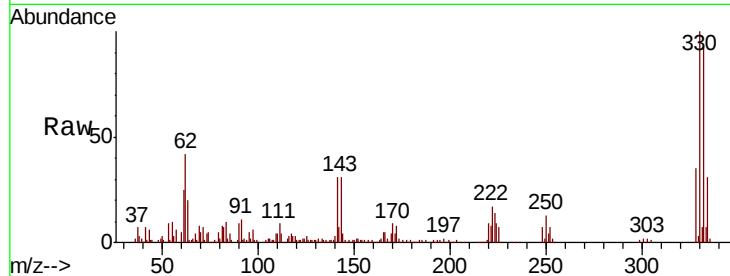




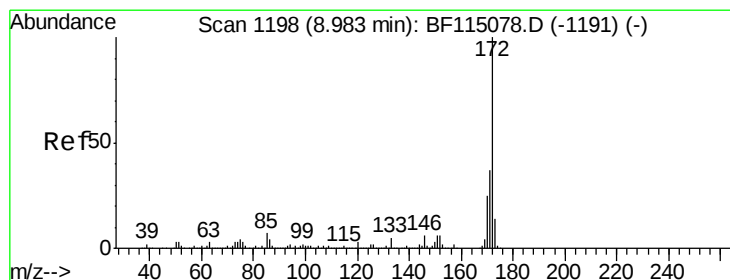
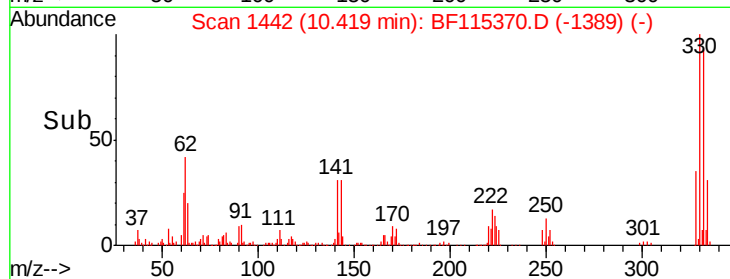
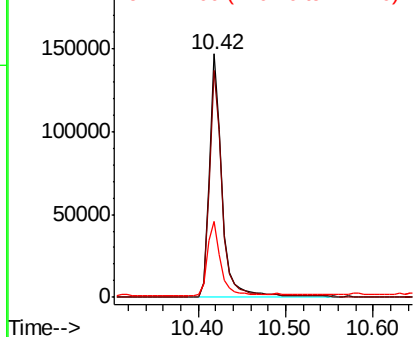
#42
 2,4,6-Tribromophenol
 Concen: 35.929 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF115370.D
 Acq: 2 Jul 2019 20:01

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-231-VNJ-236-345

Tgt Ion:330 Resp: 148572
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 32.2 28.2 42.2

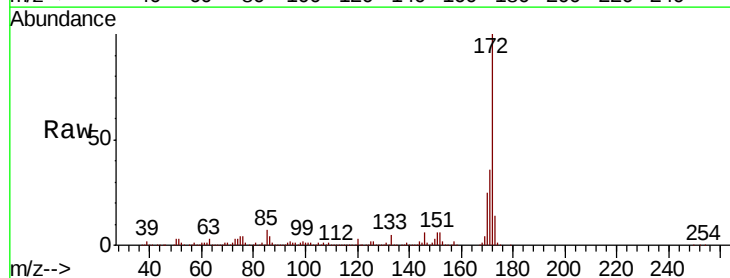


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

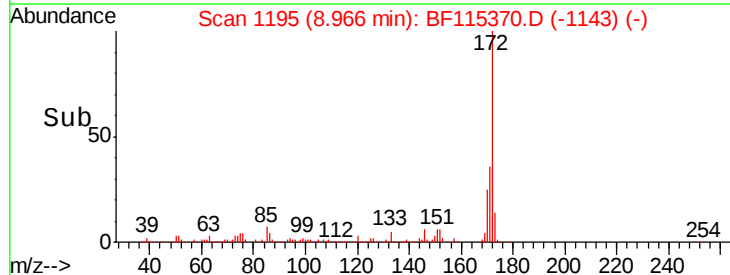
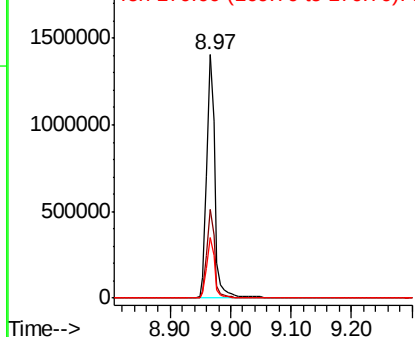


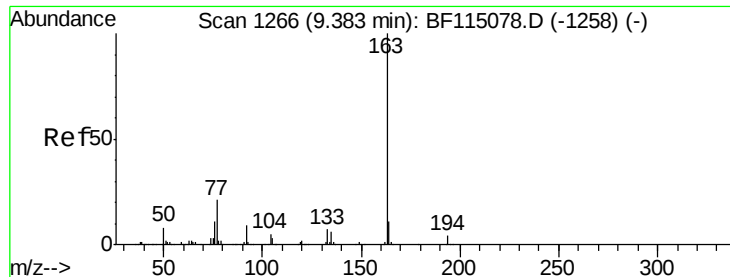
#45
 2-Fluorobiphenyl
 Concen: 57.532 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF115370.D
 Acq: 2 Jul 2019 20:01

Tgt Ion:172 Resp: 1328145
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.8 44.6
 170 24.7 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

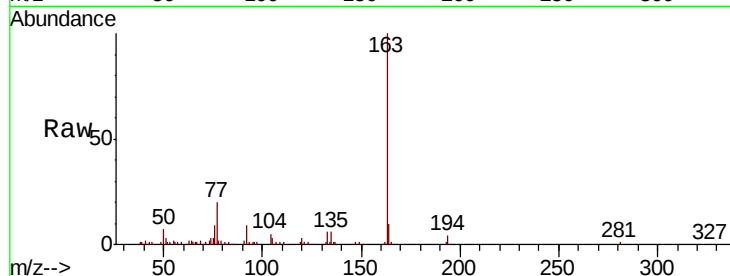




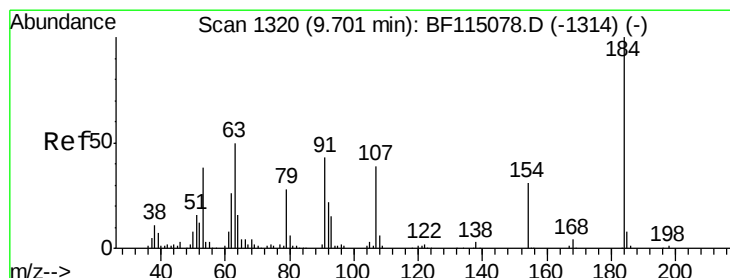
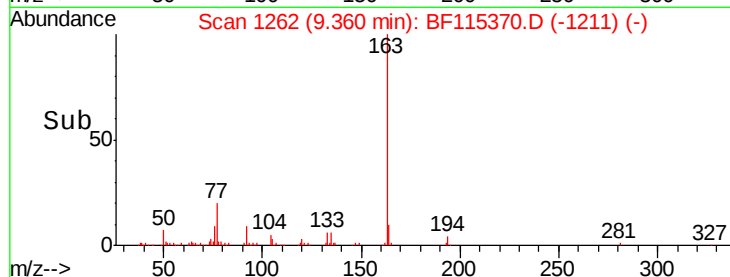
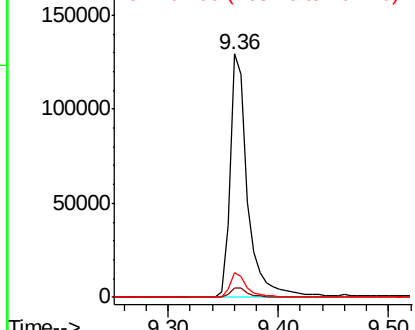
#50
Dimethylphthalate
Concen: 5.026 ng
RT: 9.36 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF115370.D
Acq: 2 Jul 2019 20:01

Instrument :
BNA_F
ClientSampleId :
VNJ-231-VNJ-236-345

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.1	8.6	13.0

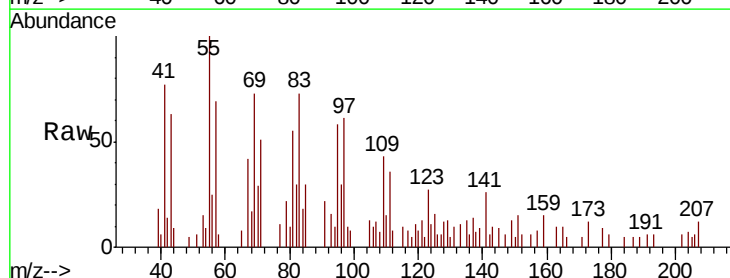


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

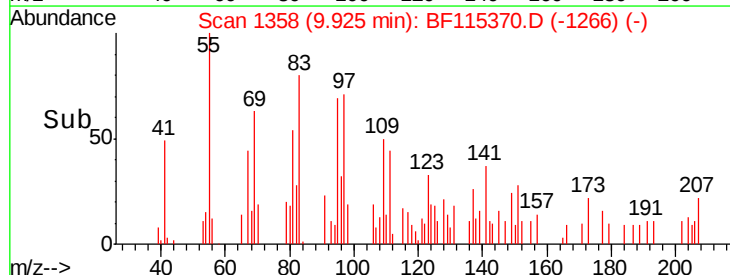
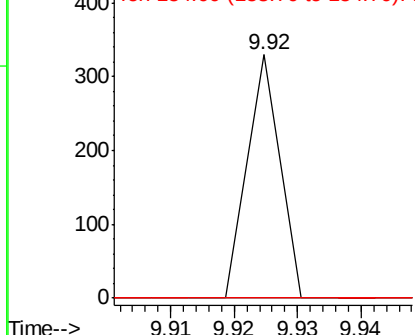


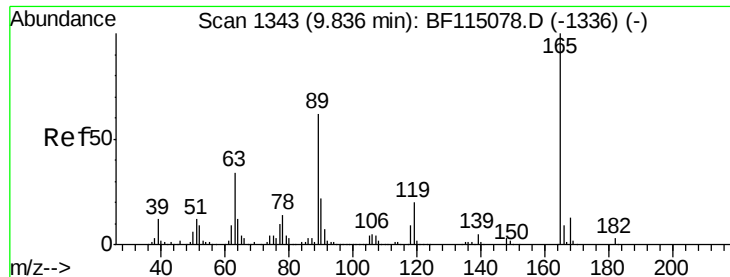
#54
2,4-Dinitrophenol
Concen: 7.374 ng
RT: 9.92 min Scan# 1358
Delta R.T. 0.24 min
Lab File: BF115370.D
Acq: 2 Jul 2019 20:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	41.9	62.9#
154	0.0	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

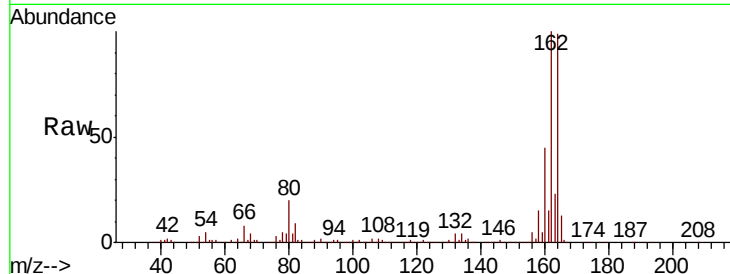




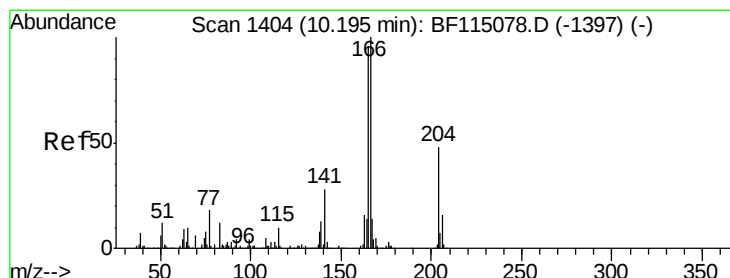
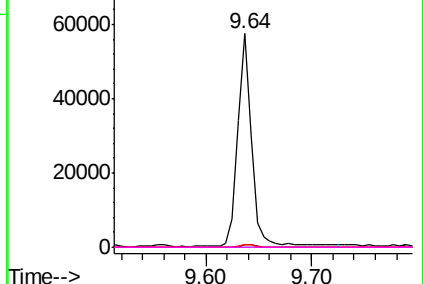
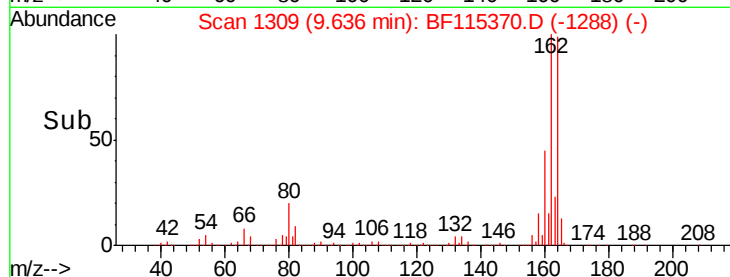
#57
2,4-Dinitrotoluene
Concen: 6.205 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.18 min
Lab File: BF115370.D
Acq: 2 Jul 2019 20:01

Instrument :
BNA_F
ClientSampleId :
VNJ-231-VNJ-236-345

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.5	41.3#
89	1.5	49.9	74.9#
182	0.0	2.1	3.1#

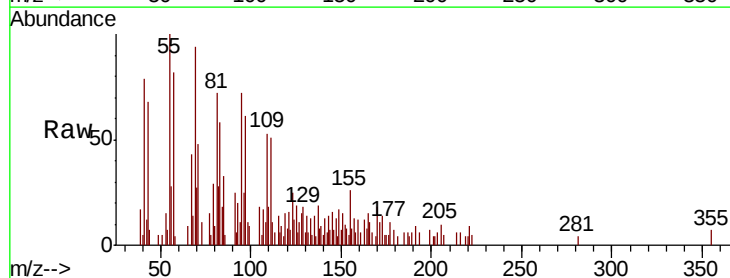


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

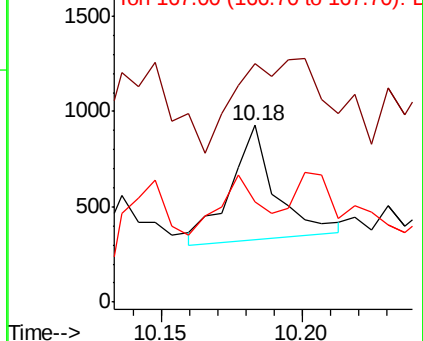
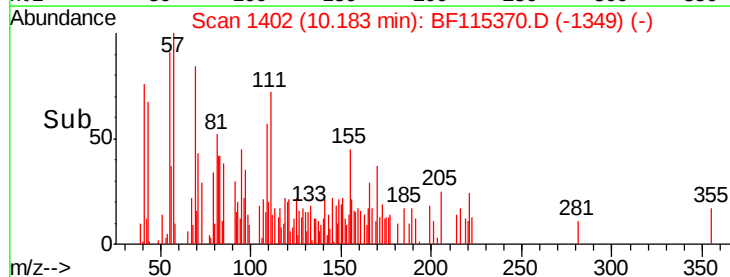


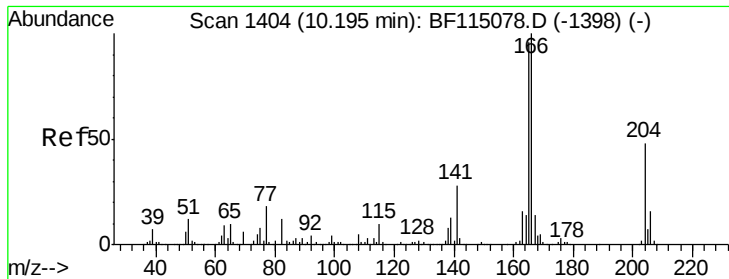
#58
Fluorene
Concen: Below Cal
RT: 10.18 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF115370.D
Acq: 2 Jul 2019 20:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	134.6	76.5	114.7#
167	56.6	11.0	16.4#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

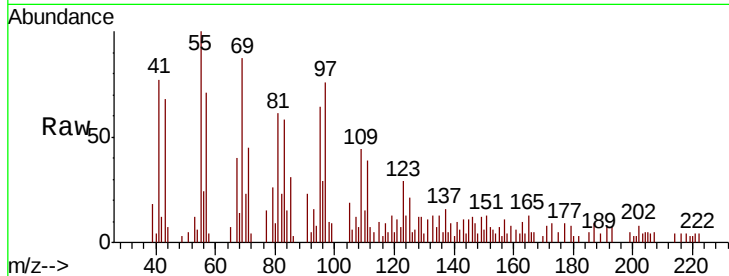




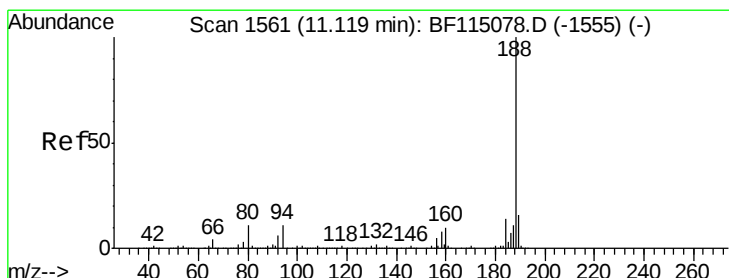
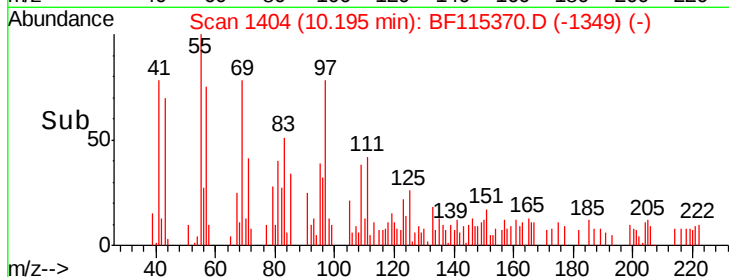
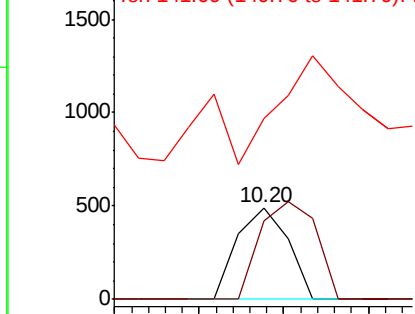
#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.20 min Scan# 1404
Delta R.T. 0.02 min
Lab File: BF115370.D
Acq: 2 Jul 2019 20:01

Instrument :
BNA_F
ClientSampleId :
VNJ-231-VNJ-236-345

Tgt Ion: 204 Resp: 411
Ion Ratio Lower Upper
204 100
206 86.2 26.6 40.0#
141 197.4 46.7 70.1#

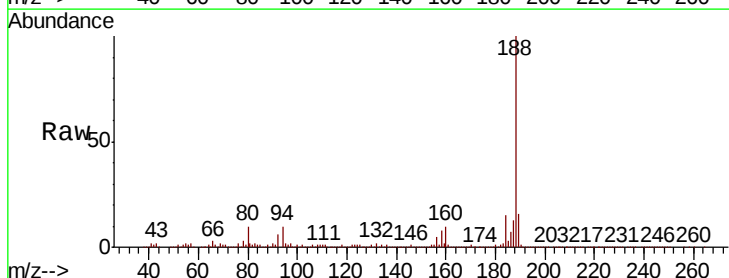


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

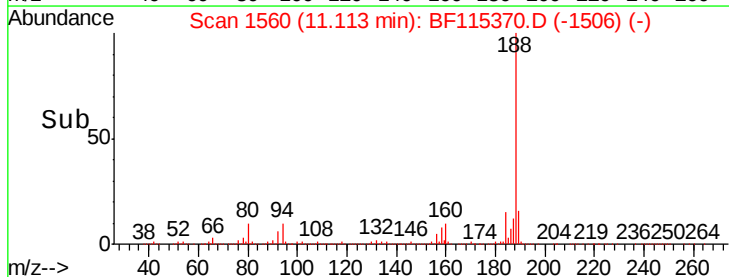
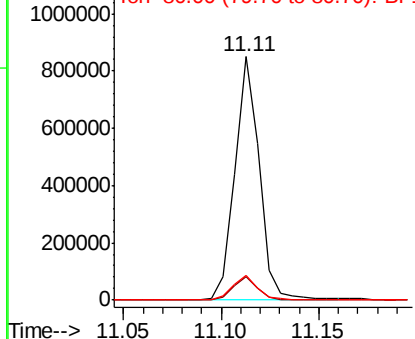


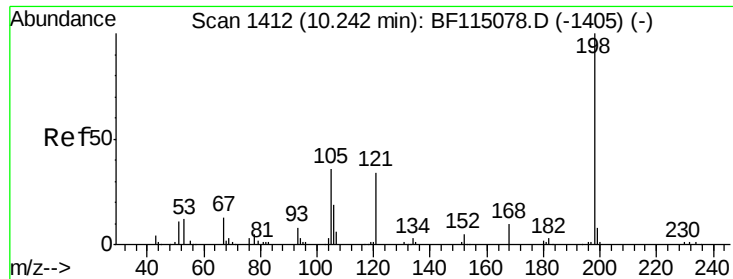
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. 0.02 min
Lab File: BF115370.D
Acq: 2 Jul 2019 20:01

Tgt Ion: 188 Resp: 736448
Ion Ratio Lower Upper
188 100
94 9.8 8.6 12.8
80 10.3 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: 5.038 ng

RT: 10.38 min Scan# 1436

Delta R.T. 0.16 min

Lab File: BF115370.D

Acq: 2 Jul 2019 20:01

Instrument :

BNA_F

ClientSampleId :

VNJ-231-VNJ-236-345

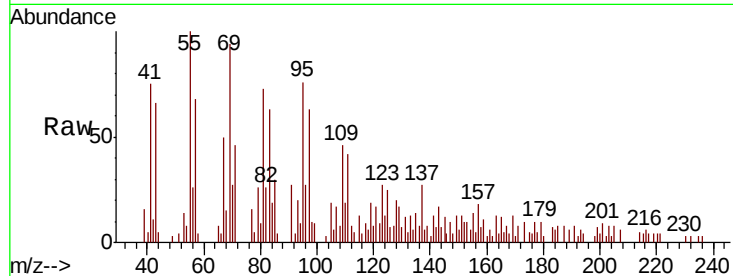
Tgt Ion:198 Resp: 342

Ion Ratio Lower Upper

198 100

51 133.2 11.0 51.0#

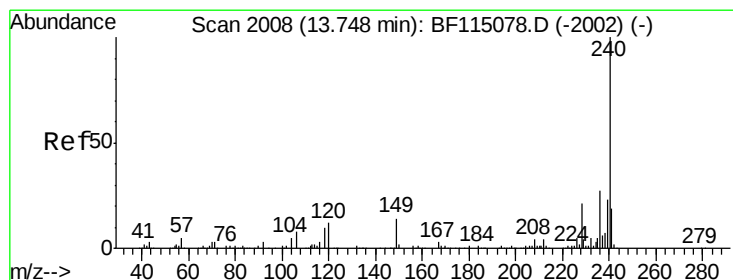
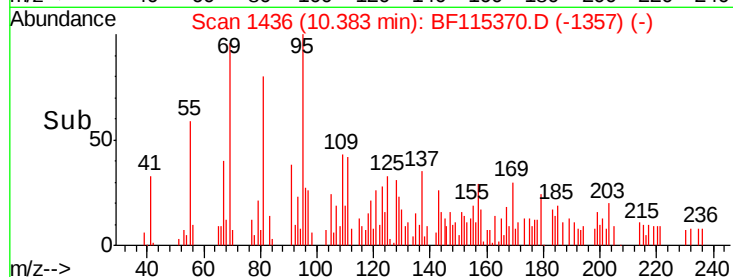
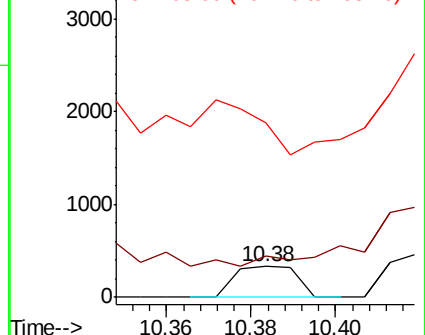
105 562.6 17.3 57.3#



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# 2006

Delta R.T. 0.02 min

Lab File: BF115370.D

Acq: 2 Jul 2019 20:01

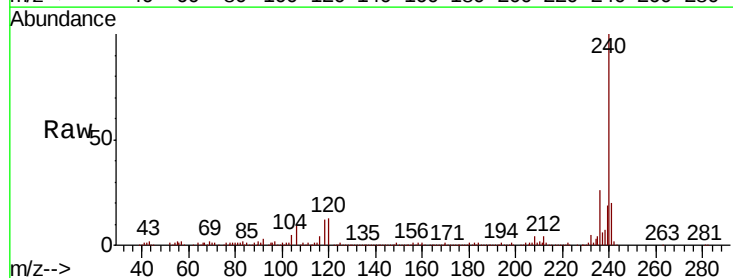
Tgt Ion:240 Resp: 487846

Ion Ratio Lower Upper

240 100

120 13.1 9.4 14.2

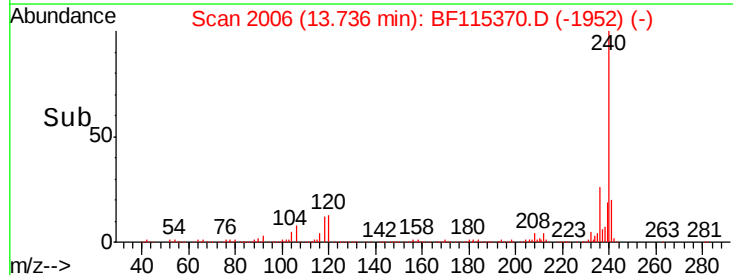
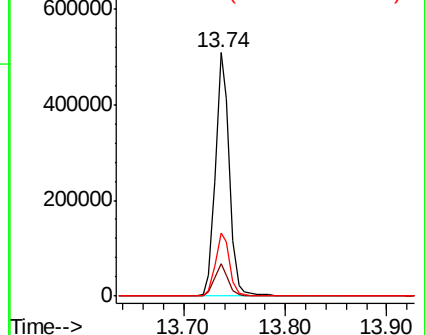
236 26.1 21.7 32.5

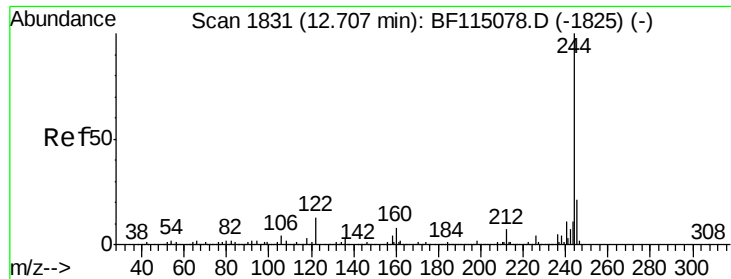


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.925 ng

RT: 12.70 min Scan# 1830

Delta R.T. 0.02 min

Lab File: BF115370.D

Acq: 2 Jul 2019 20:01

Instrument :

BNA_F

ClientSampleId :

VNJ-231-VNJ-236-345

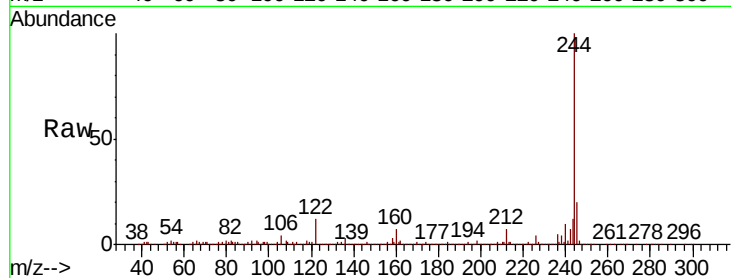
Tgt Ion:244 Resp: 1374986

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

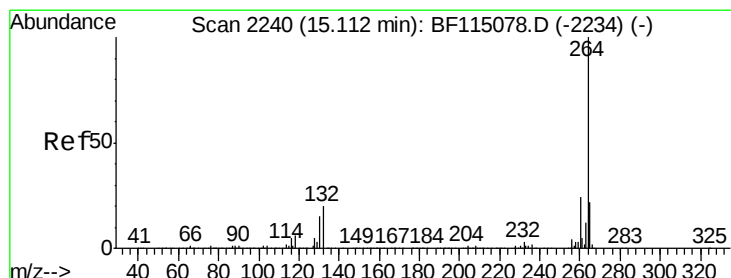
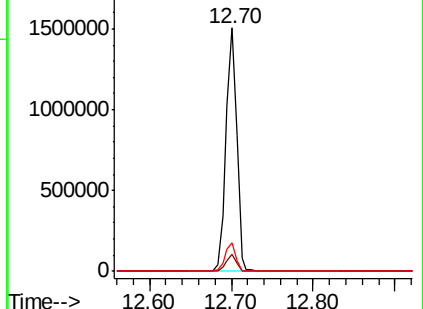
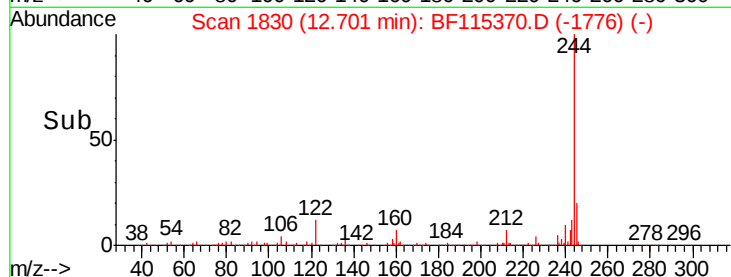
122 11.6 10.4 15.6



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# 2239

Delta R.T. 0.02 min

Lab File: BF115370.D

Acq: 2 Jul 2019 20:01

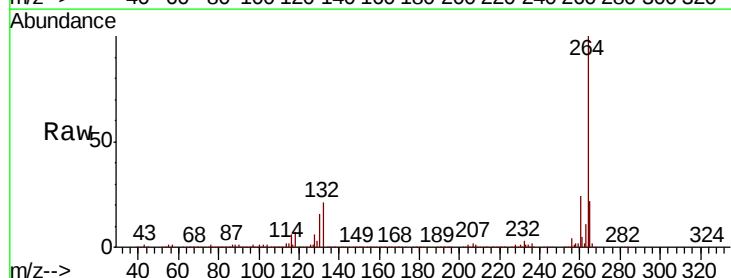
Tgt Ion:264 Resp: 486009

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 22.1 17.3 25.9



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

