

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120746.D
 Acq On : 29 Jun 2020 23:57
 Operator : JU/CG
 Sample : L3114-02RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242RE

Quant Time: Jun 30 03:17:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

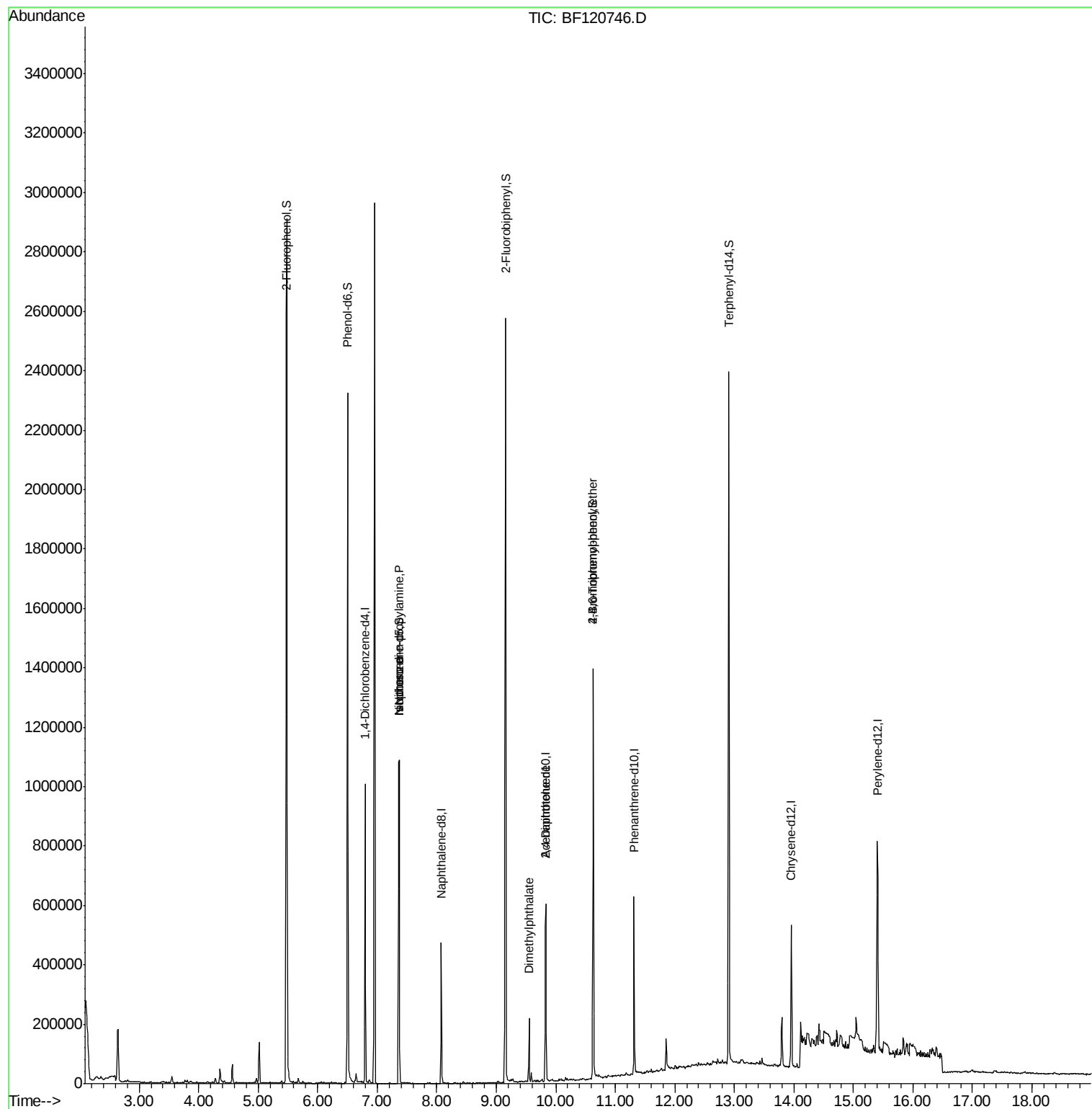
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	148845	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	230851	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	120319	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	217031	20.00	ng	0.00
76) Chrysene-d12	13.96	240	171857	20.00	ng	0.00
86) Perylene-d12	15.40	264	332215	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	883454	101.76	ng	0.08
7) Phenol-d6	6.50	99	823165	76.13	ng	0.08
23) Nitrobenzene-d5	7.36	82	404669	97.98	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	197377	141.10	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	822409	104.58	ng	0.00
79) Terphenyl-d14	12.91	244	849456	109.18	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	53762	8.571	ng	# 76
25) Isophorone	7.36	82	404664	50.300	ng	# 62
50) Dimethylphthalate	9.55	163	92775	10.706	ng	# 99
57) 2,4-Dinitrotoluene	9.83	165	15049	5.775	ng	# 28
67) 4-Bromophenyl-phenylether	10.63	248	11461	4.653	ng	# 1

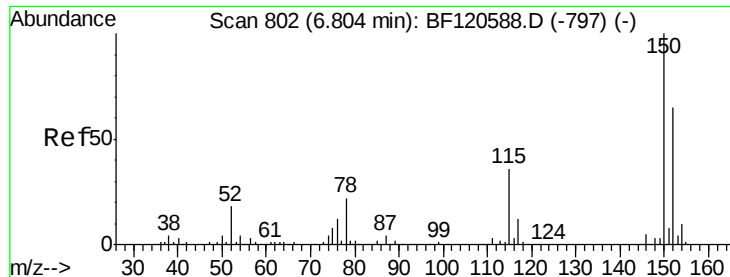
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 23 Sample Multiplier: 1

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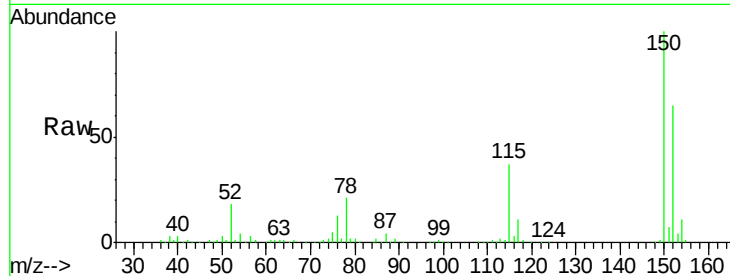


#1

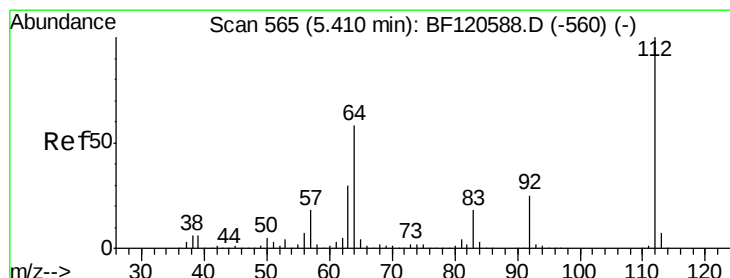
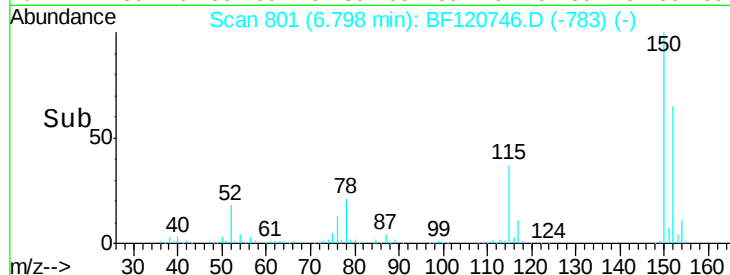
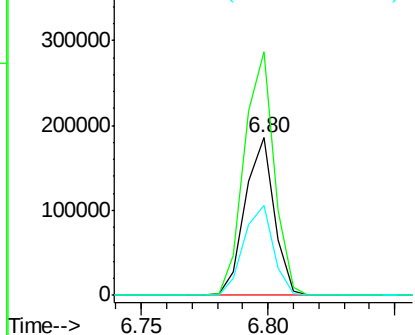
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120746.D
Acq: 29 Jun 2020 23:57

Instrument :
BNA_F
ClientSampleId :
VNJ-242RE

Tot Ion:152 Resp: 148845
Ion Ratio Lower Upper
152 100
150 154.7 124.6 187.0
115 57.1 44.2 66.4



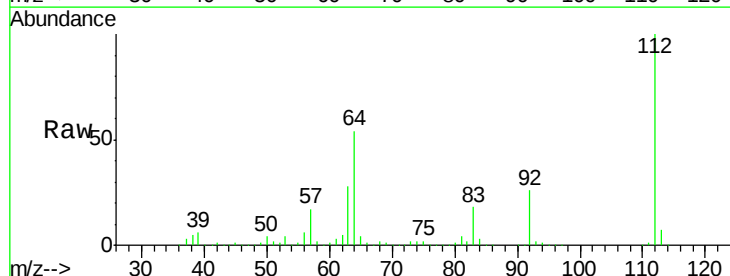
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



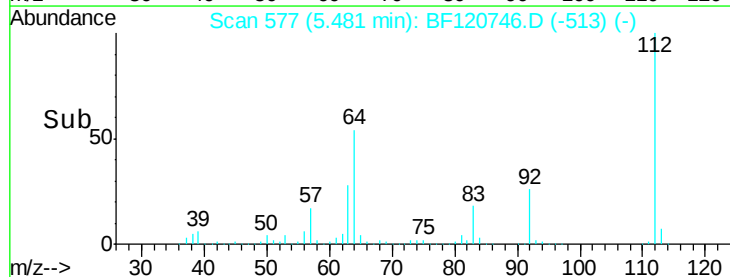
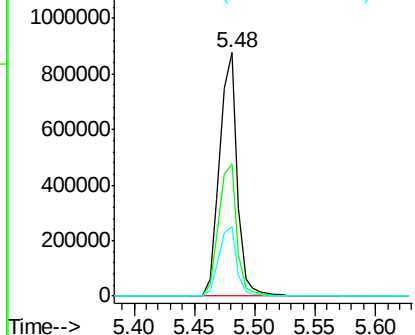
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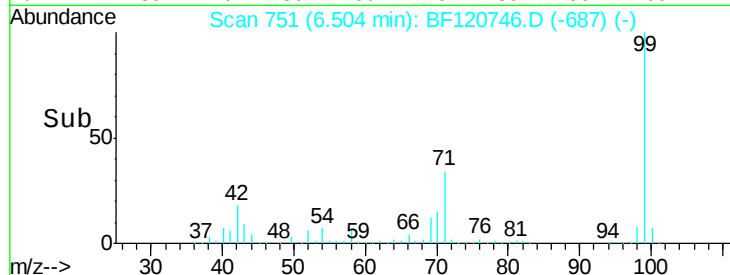
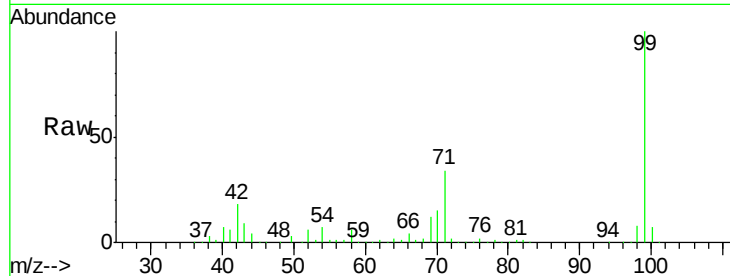
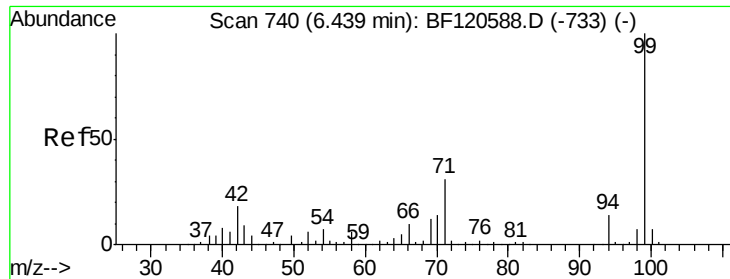
2-Fluorophenol
Concen: 101.760 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.08 min
Lab File: BF120746.D
Acq: 29 Jun 2020 23:57

Tgt Ion:112 Resp: 883454
Ion Ratio Lower Upper
112 100
64 54.4 42.2 63.2
63 28.5 21.7 32.5



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: 76.126 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.08 min

Lab File: BF120746.D

Acq: 29 Jun 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-242RE

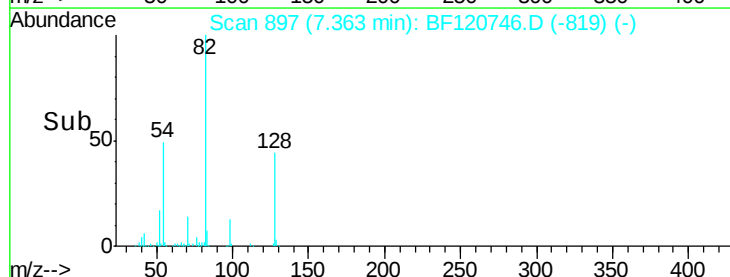
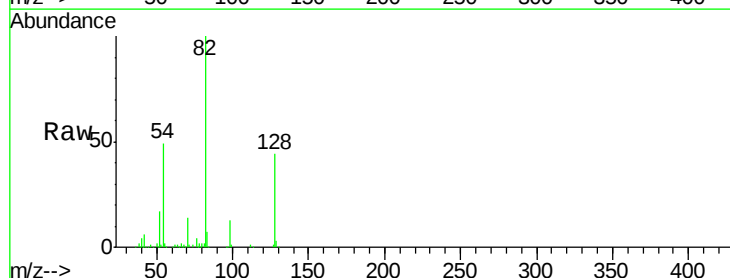
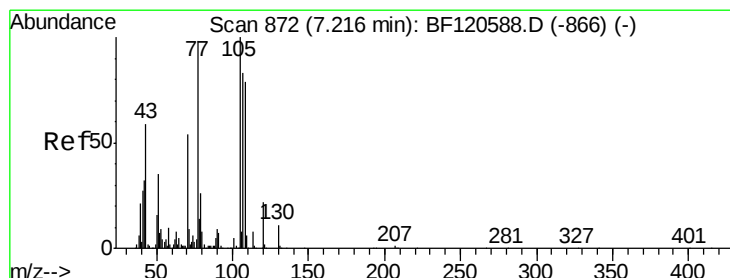
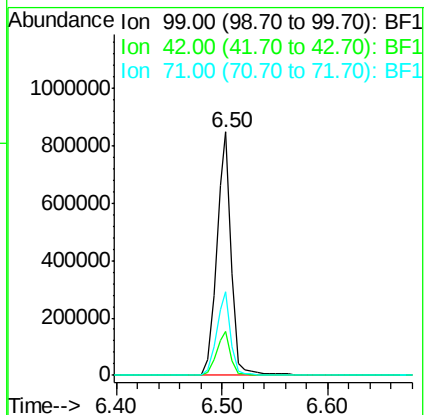
Tot Ion: 99 Resp: 823165

Ion Ratio Lower Upper

99 100

42 17.9 14.2 21.4

71 34.1 25.4 38.2



#19

n-Nitroso-di-n-propylamine

Concen: 8.571 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF120746.D

Acq: 29 Jun 2020 23:57

Tgt Ion: 70 Resp: 53762

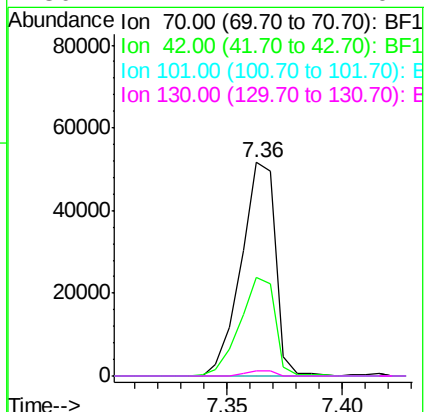
Ion Ratio Lower Upper

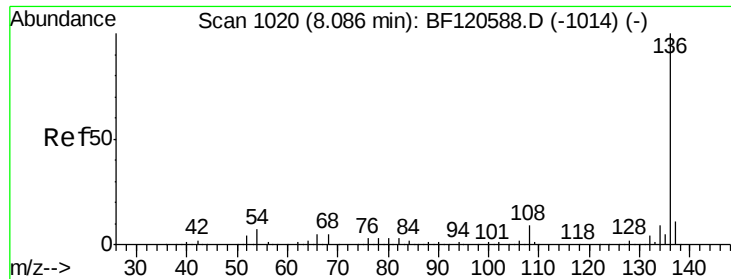
70 100

42 46.4 47.6 71.4#

101 0.0 7.6 11.4#

130 2.2 17.4 26.2#

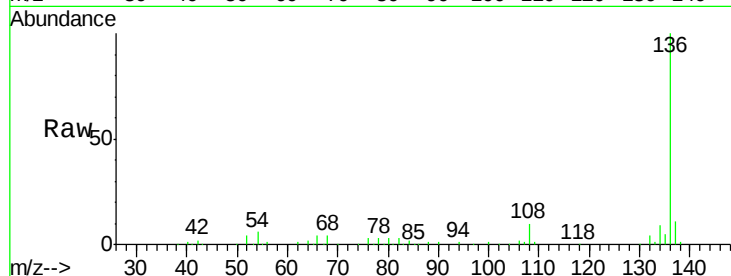




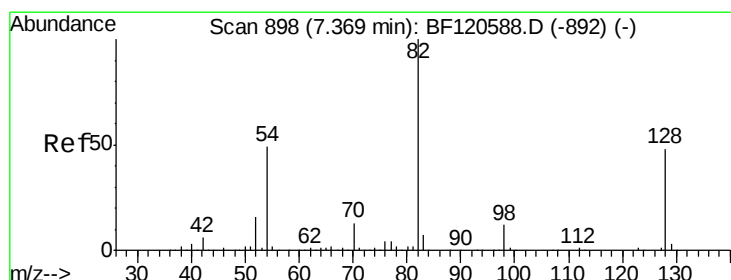
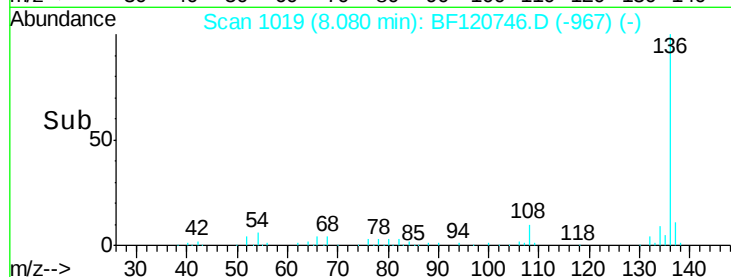
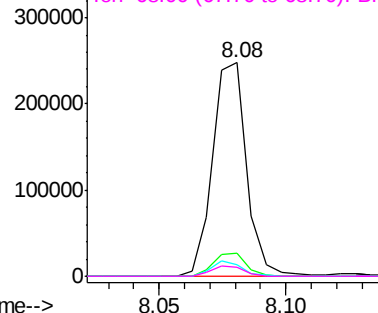
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF120746.D
Acq: 29 Jun 2020 23:57

Instrument :
BNA_F
ClientSampleId :
VNJ-242RE

Tot Ion:136	Resp:	230851
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 12.8
54	5.5	5.3 7.9
68	4.3	4.3 6.5#

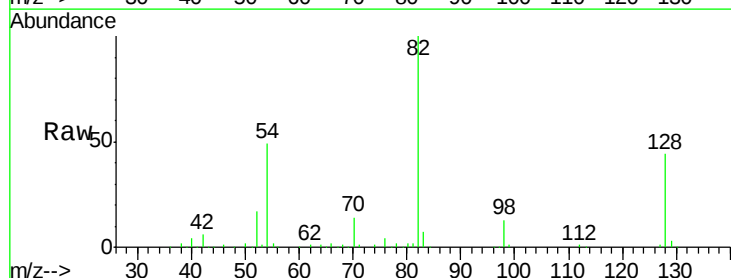


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

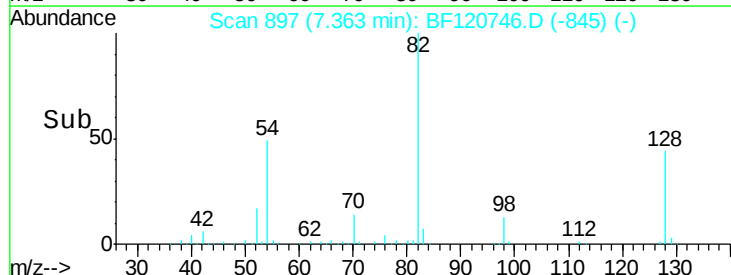
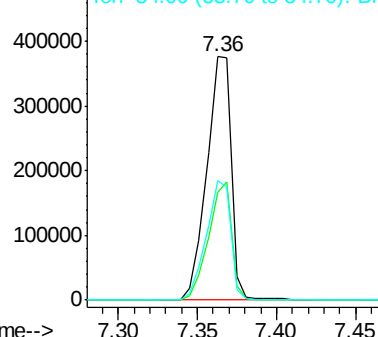


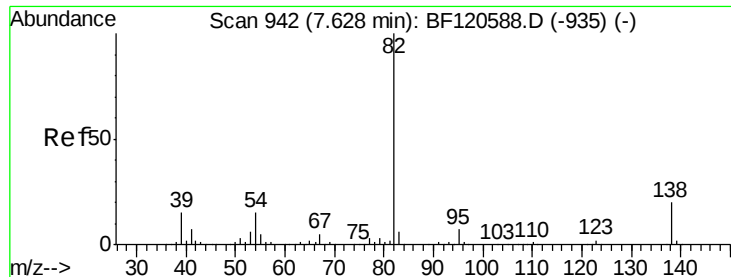
#23
Nitrobenzene-d5
Concen: 97.984 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF120746.D
Acq: 29 Jun 2020 23:57

Tgt Ion: 82	Resp:	404669
Ion Ratio	Lower	Upper
82	100	
128	44.2	38.1 57.1
54	49.3	38.8 58.2



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





#25

Isophorone

Concen: 50.300 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF120746.D

Acq: 29 Jun 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-242RE

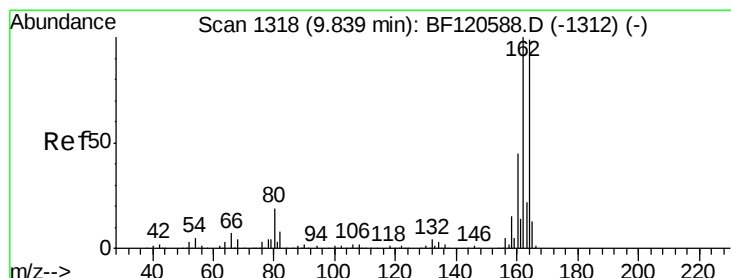
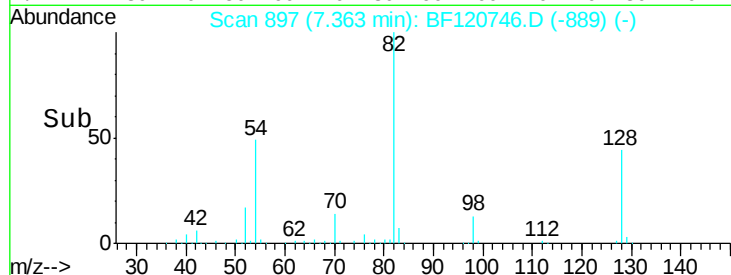
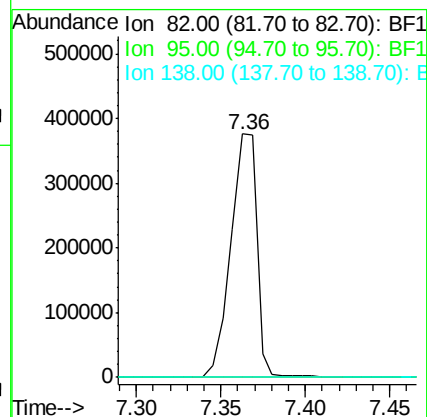
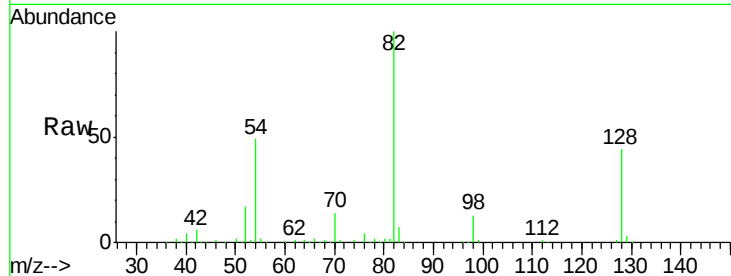
Tot Ion: 82 Resp: 404664

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 16.1 24.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF120746.D

Acq: 29 Jun 2020 23:57

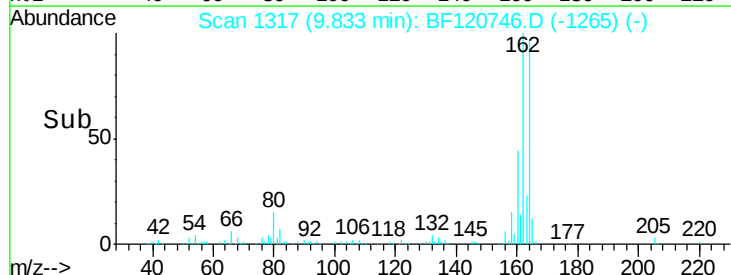
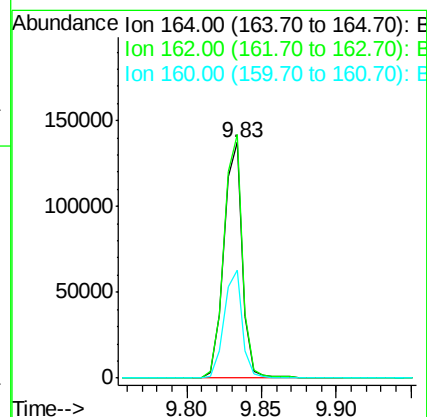
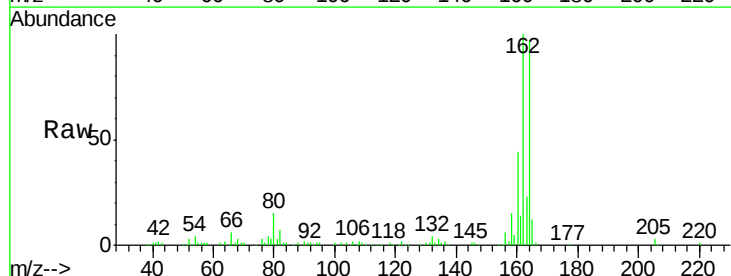
Tgt Ion:164 Resp: 120319

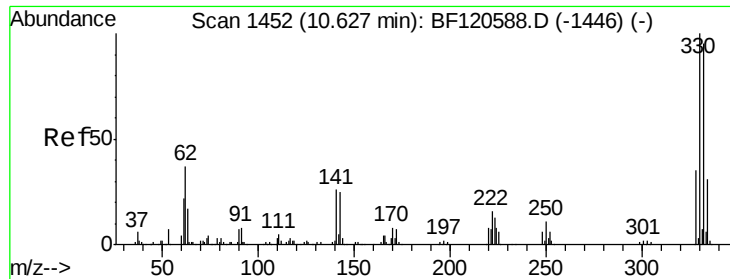
Ion Ratio Lower Upper

164 100

162 103.3 81.4 122.0

160 45.7 36.6 55.0

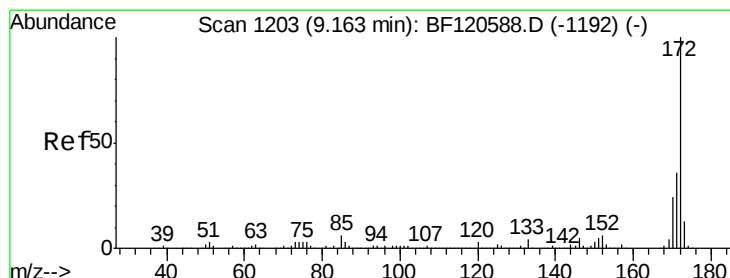
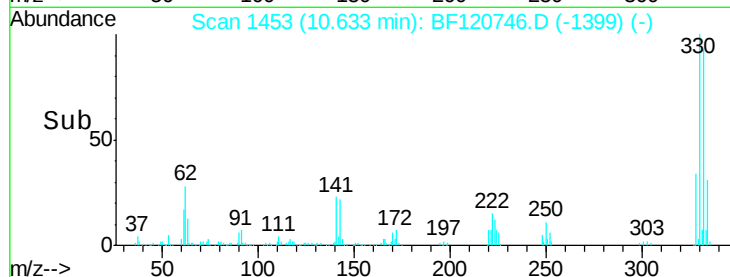
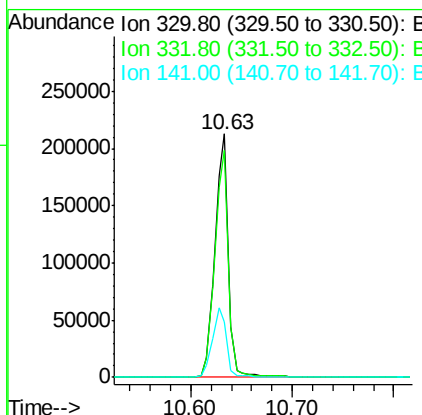
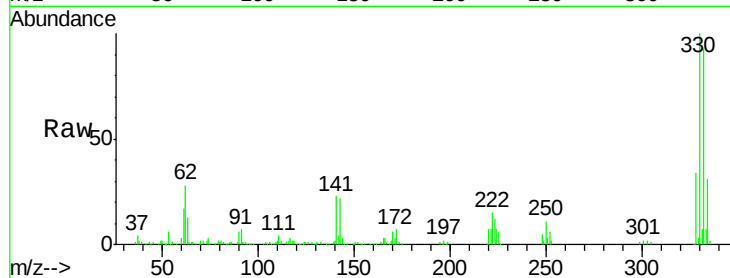




#42
 2,4,6-Tribromophenol
 Concen: 141.097 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.02 min
 Lab File: BF120746.D
 Acq: 29 Jun 2020 23:57

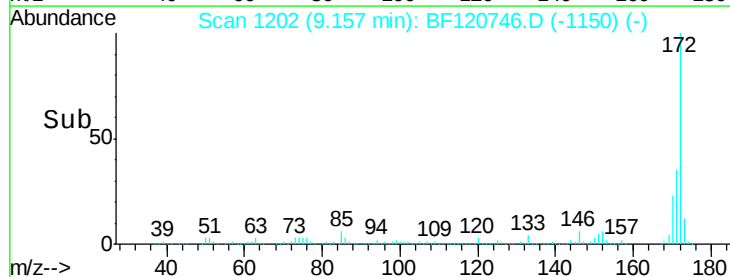
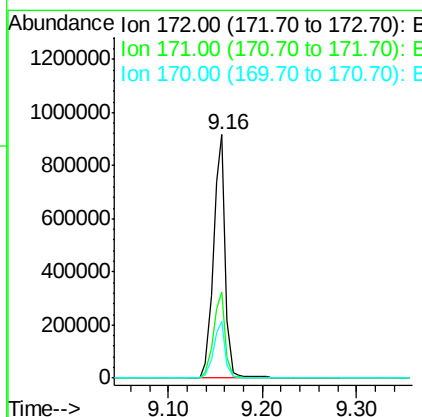
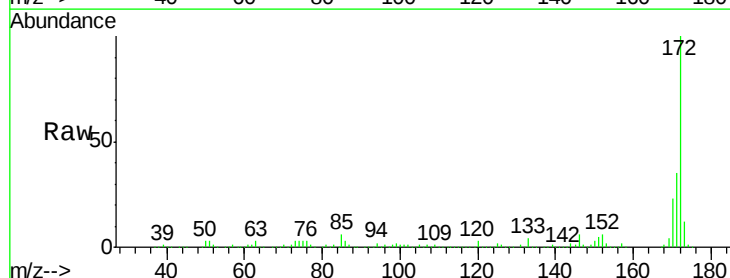
Instrument :
 BNA_F
 ClientSampled :
 VNJ-242RE

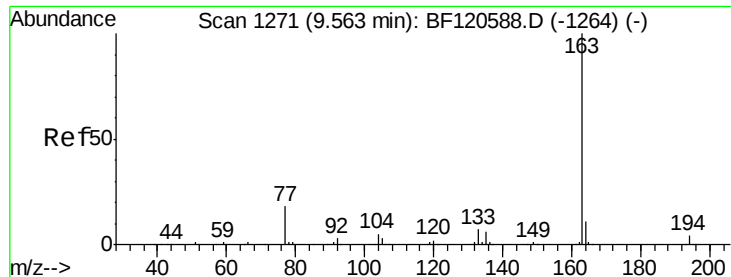
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.4	114.6
141	30.6	23.0	34.6



#45
 2-Fluorobiphenyl
 Concen: 104.578 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF120746.D
 Acq: 29 Jun 2020 23:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.5	19.1	28.7

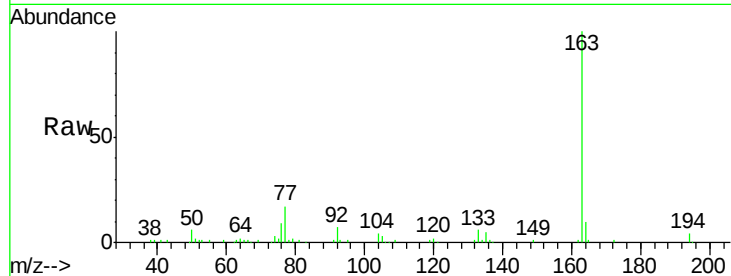




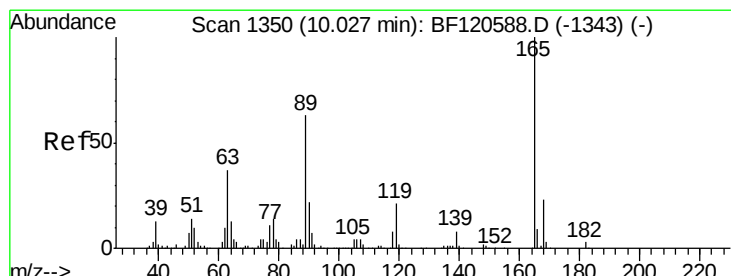
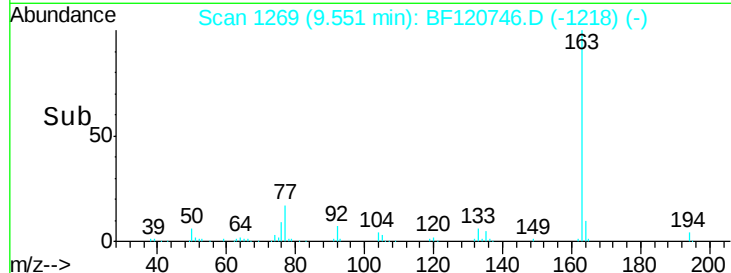
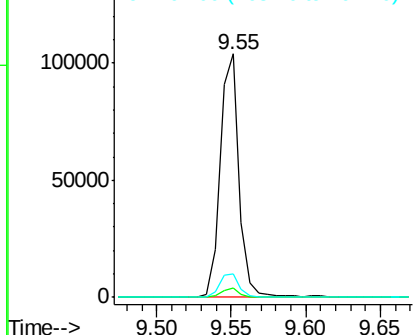
#50
Dimethylphthalate
Concen: 10.706 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF120746.D
Acq: 29 Jun 2020 23:57

Instrument :
BNA_F
ClientSampled :
VNJ-242RE

Tot Ion:163 Resp: 92775
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.8 8.2 12.2

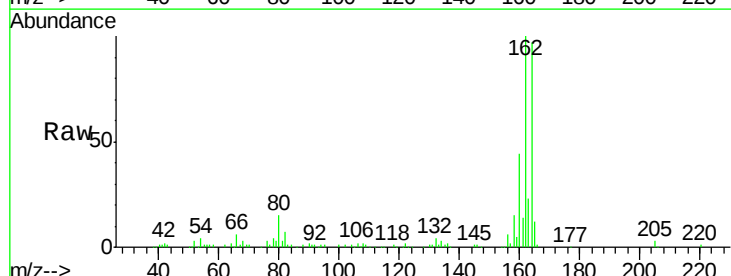


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

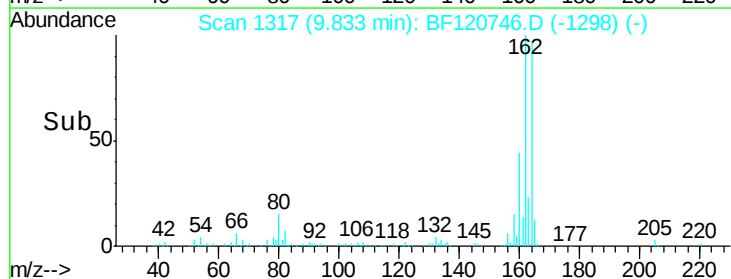
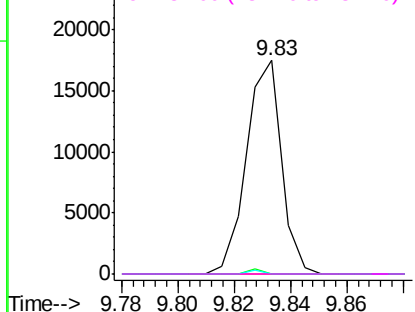


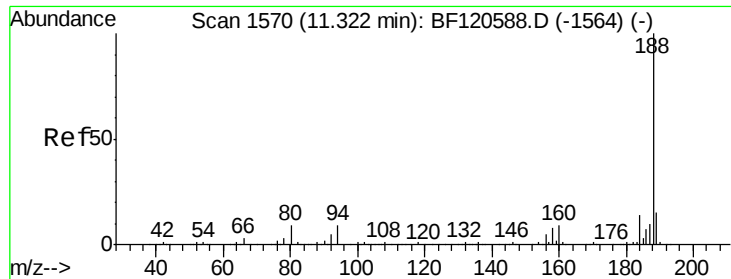
#57
2,4-Dinitrotoluene
Concen: 5.775 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF120746.D
Acq: 29 Jun 2020 23:57

Tgt Ion:165 Resp: 15049
Ion Ratio Lower Upper
165 100
63 0.0 30.1 45.1#
89 0.0 49.2 73.8#
182 0.0 2.0 3.0#



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

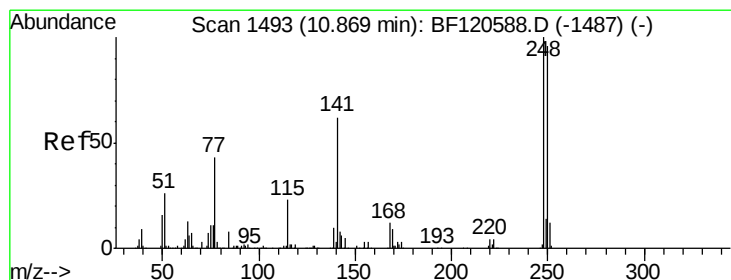
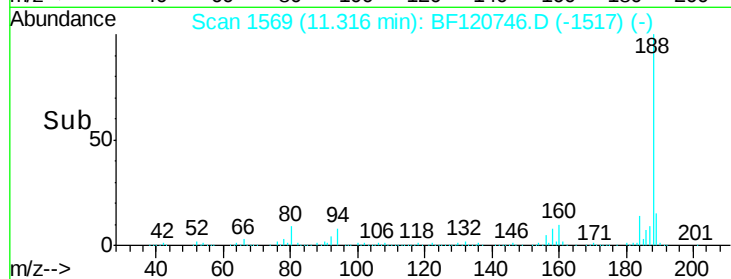
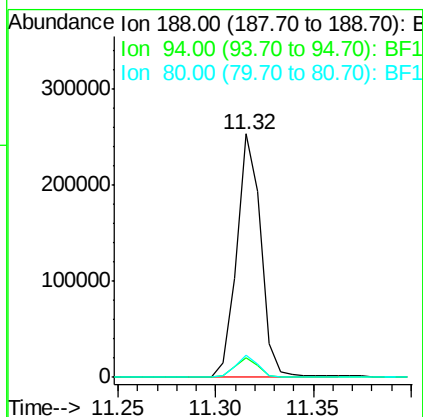
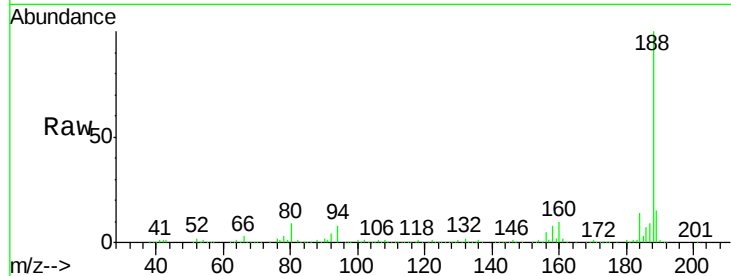




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF120746.D
 Acq: 29 Jun 2020 23:57

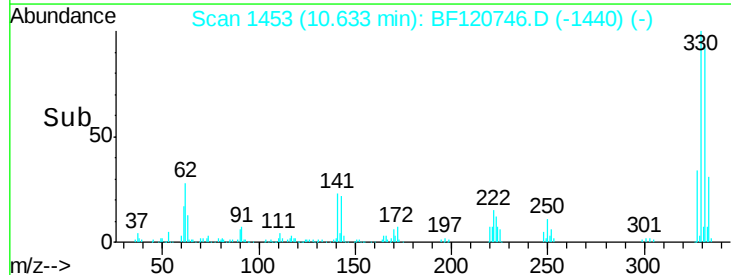
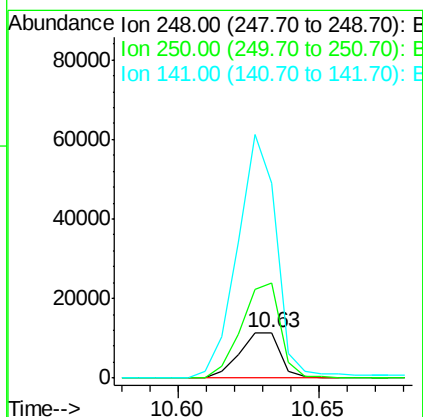
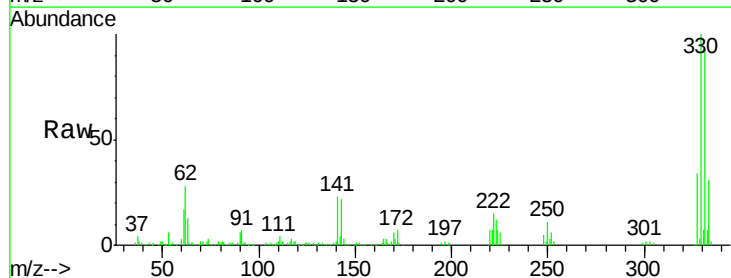
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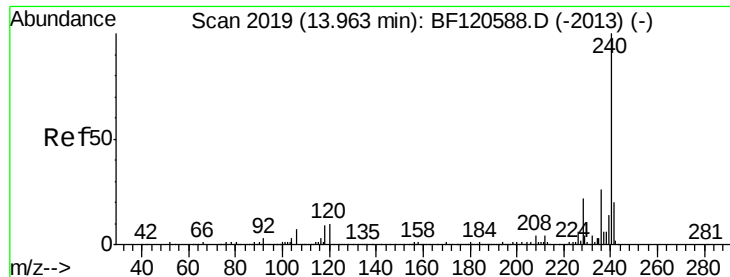
Tot Ion:188 Resp: 217031
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.5 11.3
 80 9.0 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 4.653 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.22 min
 Lab File: BF120746.D
 Acq: 29 Jun 2020 23:57

Tgt Ion:248 Resp: 11461
 Ion Ratio Lower Upper
 248 100
 250 207.9 77.8 116.6#
 141 426.6 52.0 78.0#

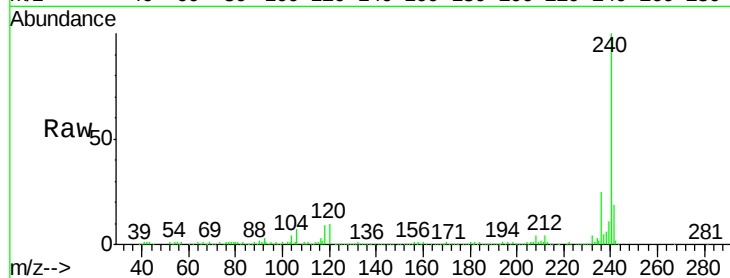




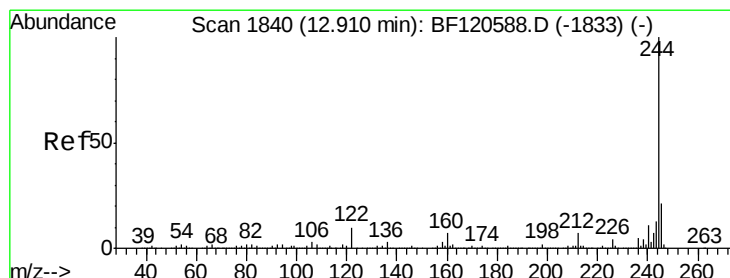
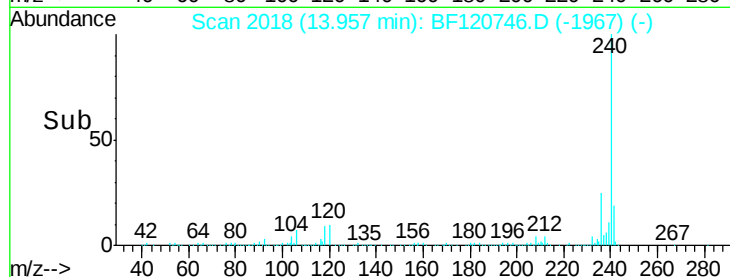
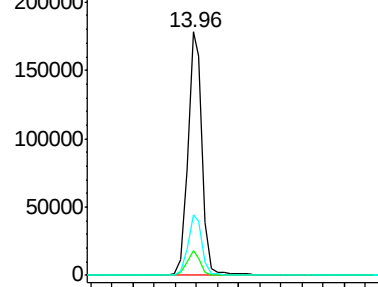
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF120746.D
Acq: 29 Jun 2020 23:57

Instrument :
BNA_F
ClientSampleId :
VNJ-242RE

Tot Ion:240 Resp: 171857
Ion Ratio Lower Upper
240 100
120 10.2 7.6 11.4
236 24.7 21.0 31.4

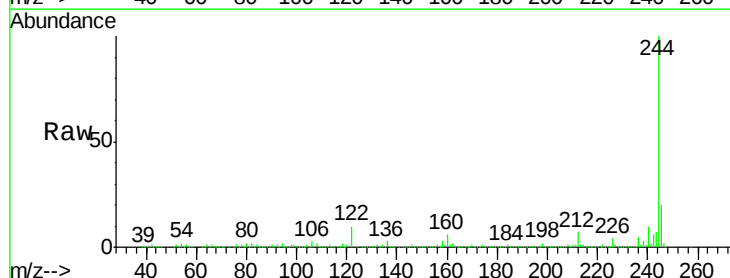


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

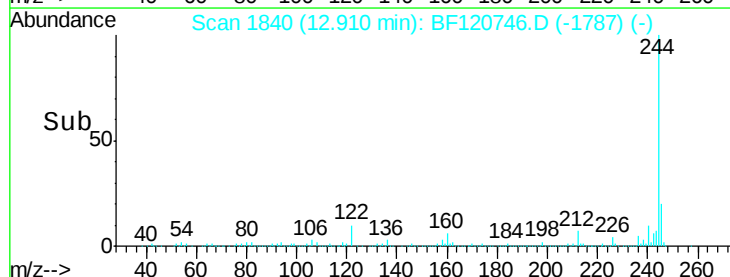
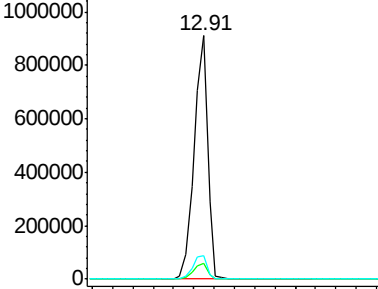


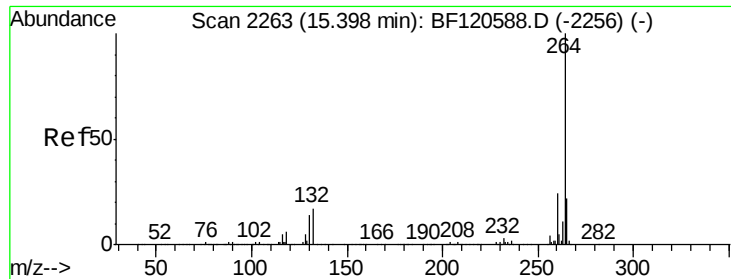
#79
Terphenyl-d14
Concen: 109.181 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF120746.D
Acq: 29 Jun 2020 23:57

Tgt Ion:244 Resp: 849456
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 9.8 8.8 13.2



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





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120746.D
Acq: 29 Jun 2020 23:57

Instrument :
BNA_F
ClientSampleId :
VNJ-242RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.8	17.4	26.0

