

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129250.D
 Acq On : 15 Jul 2022 21:30
 Operator : CG\JU
 Sample : N3693-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-230

Quant Time: Jul 16 01:43:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

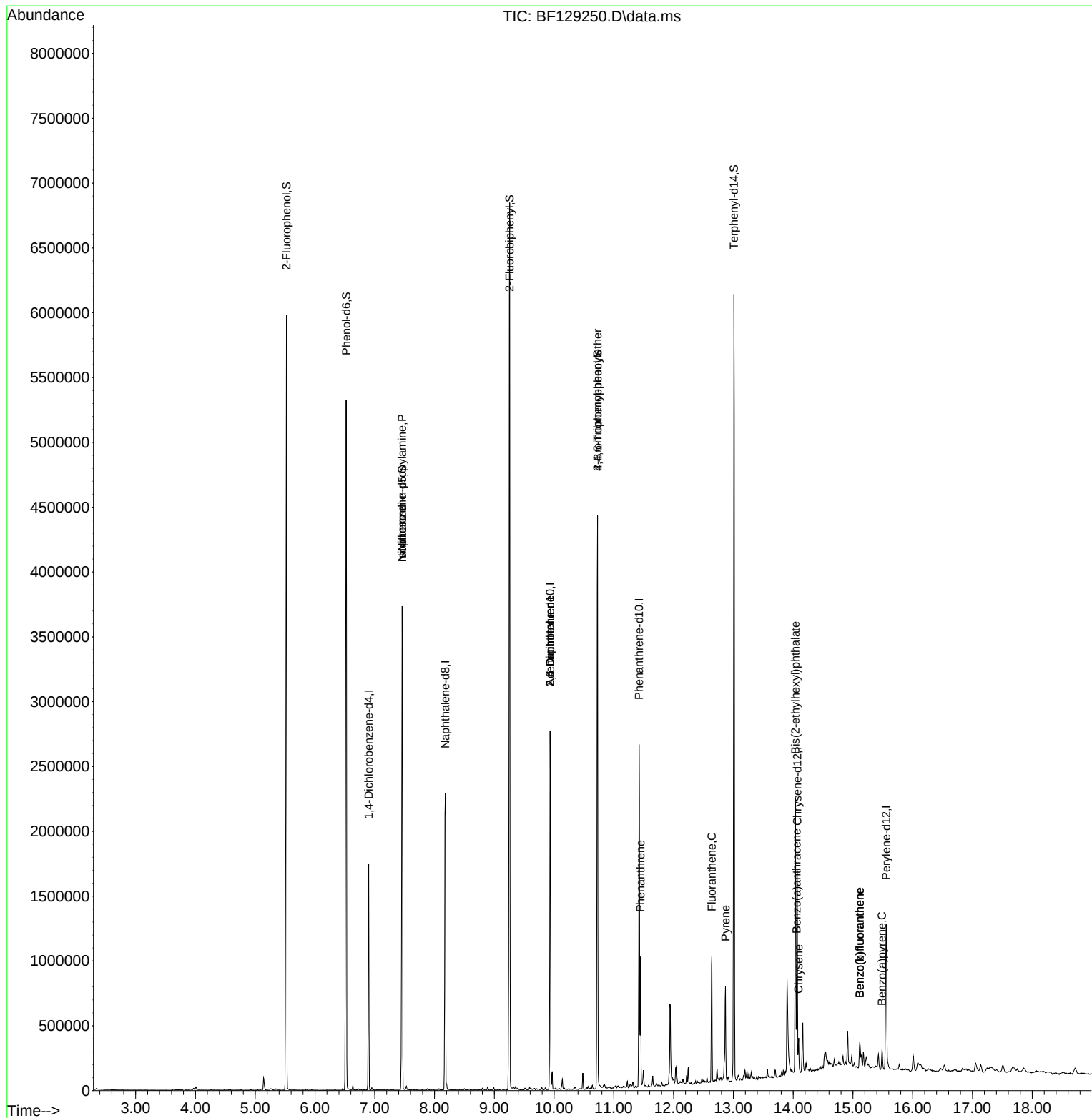
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	256159	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1046024	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	552540	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	906167	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	508803	20.000	ng	0.00
86) Perylene-d12	15.557	264	476398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1592484	99.285	ng	0.00
7) Phenol-d6	6.522	99	2065651	99.575	ng	0.00
23) Nitrobenzene-d5	7.457	82	1304189	66.647	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	492263	95.986	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2213047	67.856	ng	0.00
79) Terphenyl-d14	13.010	244	2081022	76.512	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	170938	14.009	ng	# 76
25) Isophorone	7.457	82	1303040	39.620	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	72075	9.289	ng	# 25
57) 2,4-Dinitrotoluene	9.933	165	72075	7.084	ng	# 21
67) 4-Bromophenyl-phenylether	10.727	248	31432	3.295	ng	# 1
71) Phenanthrene	11.445	178	336325	7.310	ng	98
75) Fluoranthene	12.639	202	374037	8.163	ng	98
78) Pyrene	12.868	202	284460	6.903	ng	98
81) Benzo(a)anthracene	14.057	228	89239	2.781	ng	99
83) Chrysene	14.092	228	98071	3.201	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	560085	22.931	ng	99
88) Benzo(b)fluoranthene	15.115	252	147067	5.025	ng	# 93
89) Benzo(k)fluoranthene	15.115	252	147067	5.143	ng	# 93
90) Benzo(a)pyrene	15.486	252	69400	2.913	ng	# 93

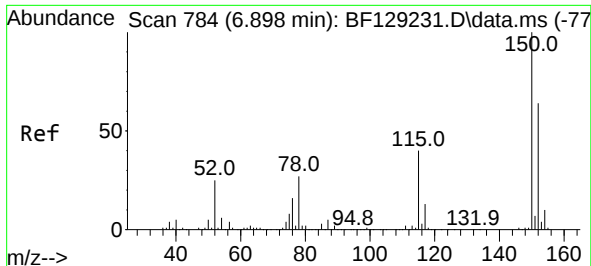
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129250.D
Acq On : 15 Jul 2022 21:30
Operator : CG\JU
Sample : N3693-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-230

Quant Time: Jul 16 01:43:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

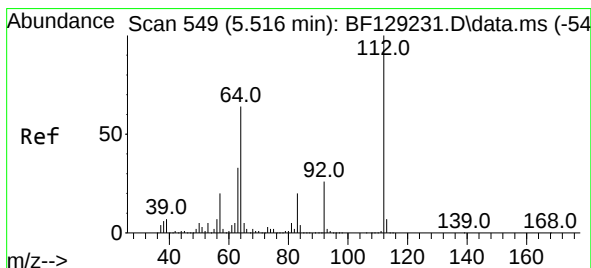
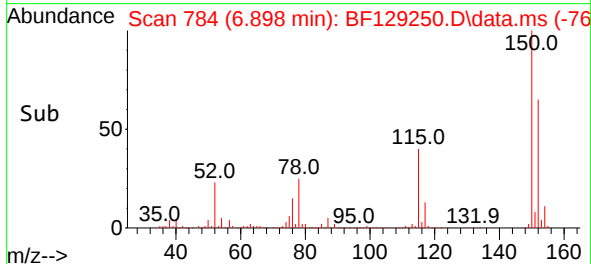
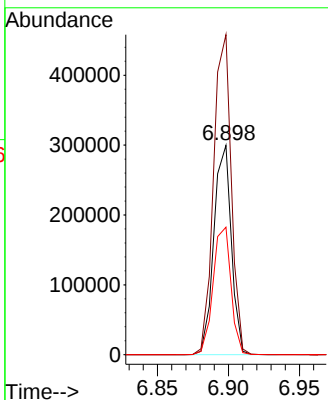
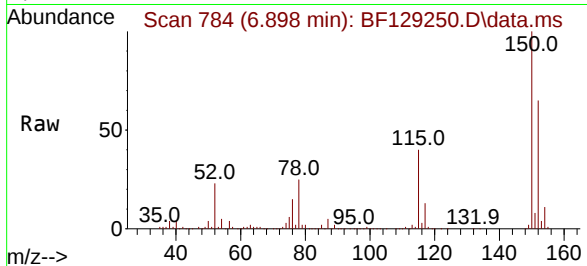




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129250.D
 Acq: 15 Jul 2022 21:30

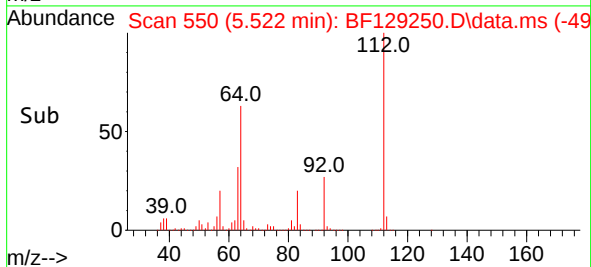
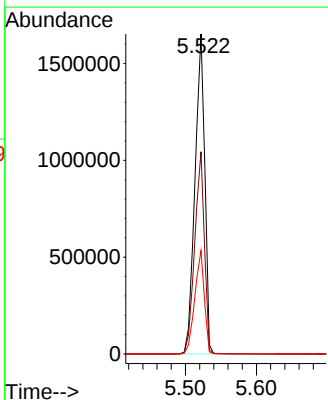
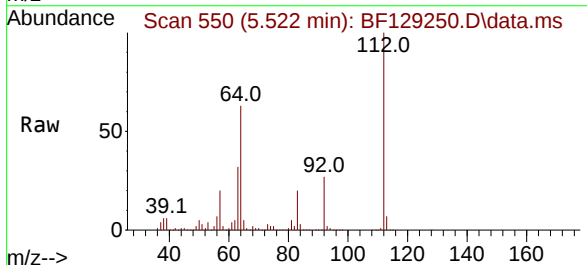
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-230

Tgt Ion:152 Resp: 256159
 Ion Ratio Lower Upper
 152 100
 150 152.9 123.7 185.5
 115 60.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 99.285 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.006 min
 Lab File: BF129250.D
 Acq: 15 Jul 2022 21:30

Tgt Ion:112 Resp: 1592484
 Ion Ratio Lower Upper
 112 100
 64 63.2 53.3 79.9
 63 32.3 28.0 42.0

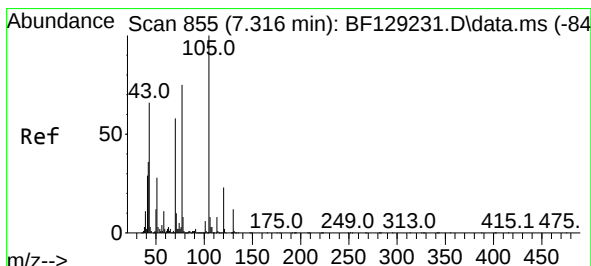
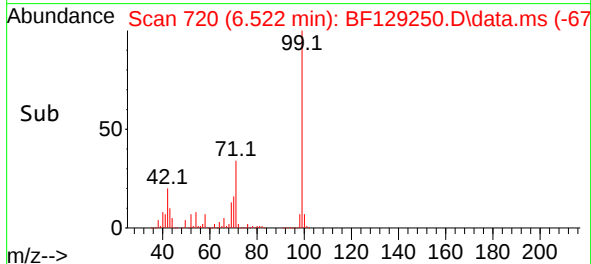
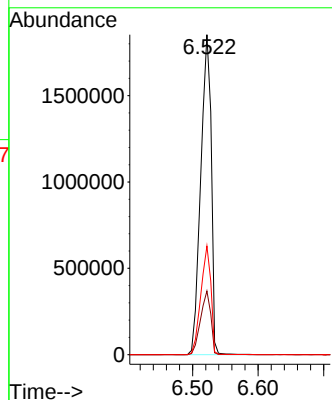
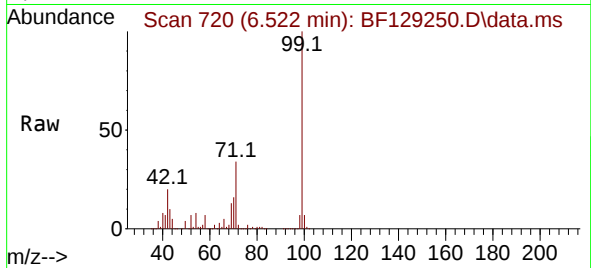




#7
Phenol-d6
Concen: 99.575 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

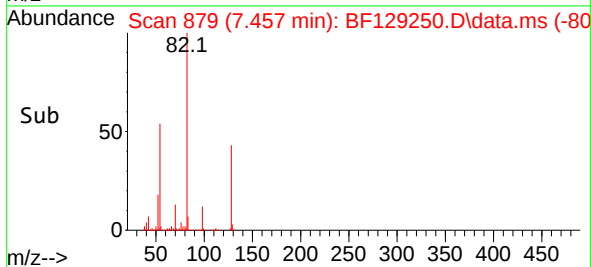
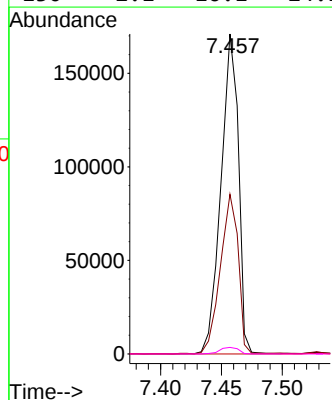
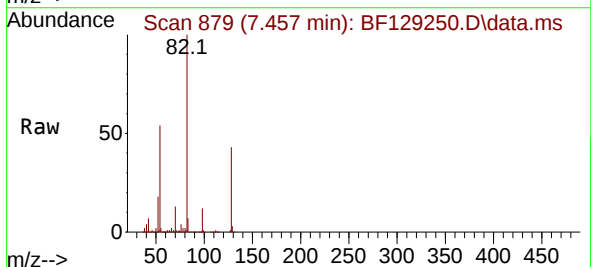
Instrument :
BNA_F
ClientSampleId :
VNJ-230

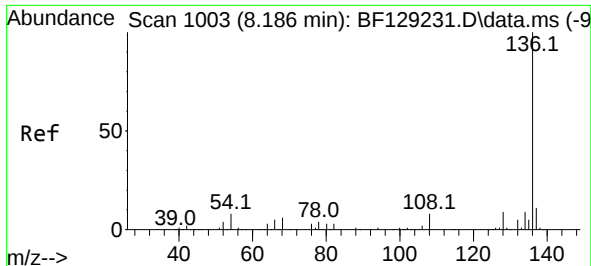
Tgt Ion: 99 Resp: 2065651
Ion Ratio Lower Upper
99 100
42 19.9 17.3 25.9
71 34.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.009 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

Tgt Ion: 70 Resp: 170938
Ion Ratio Lower Upper
70 100
42 49.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

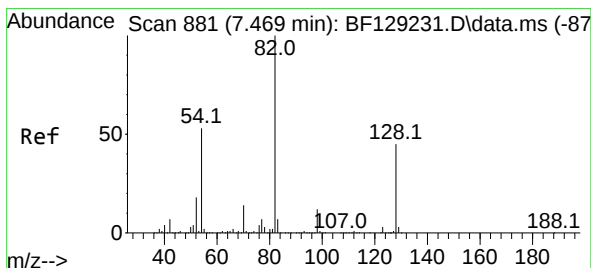
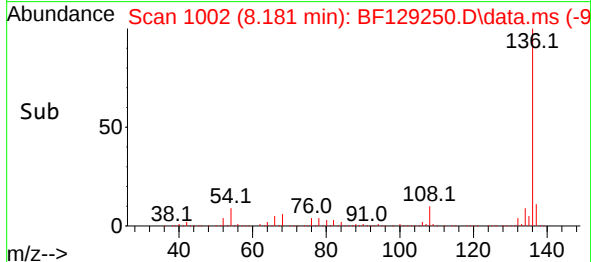
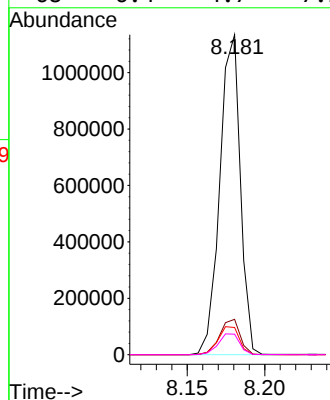
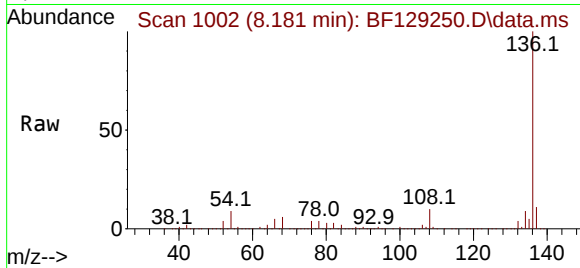




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

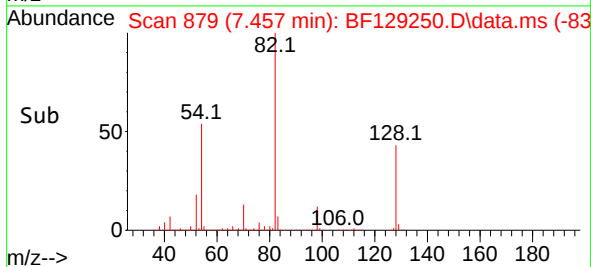
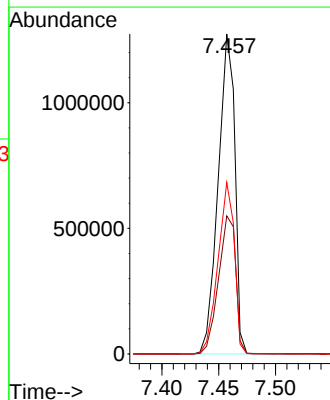
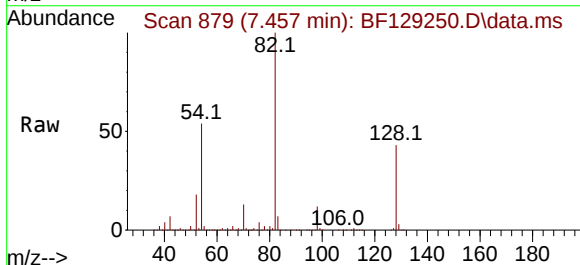
Instrument :
BNA_F
ClientSampleId :
VNJ-230

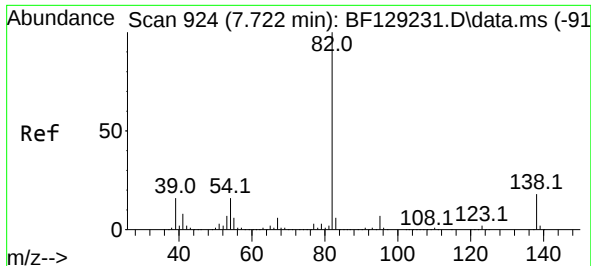
Tgt Ion:136 Resp: 1046024
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.5 7.5 11.3
68 6.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 66.647 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

Tgt Ion: 82 Resp: 1304189
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 53.6 46.9 70.3

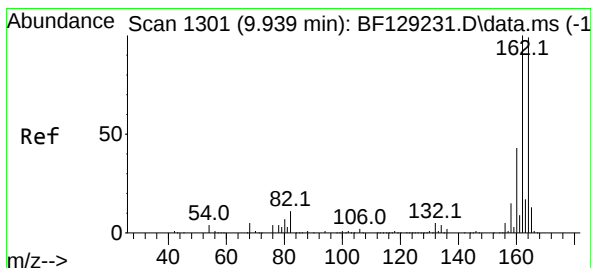
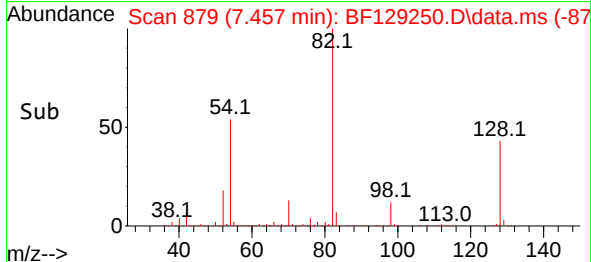
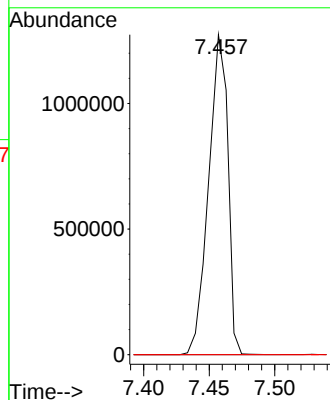
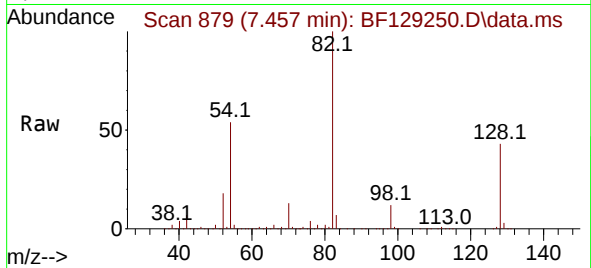




#25
Isophorone
Concen: 39.620 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

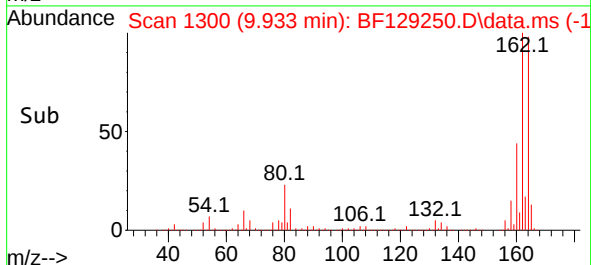
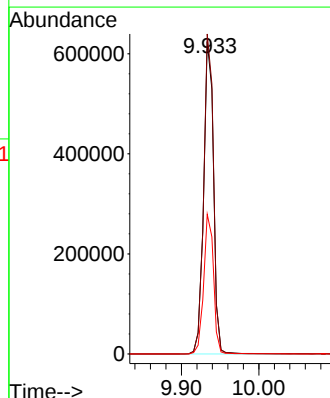
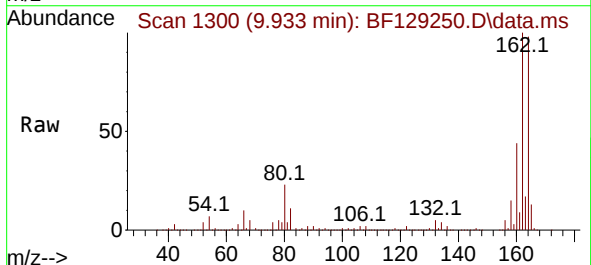
Instrument :
BNA_F
ClientSampleId :
VNJ-230

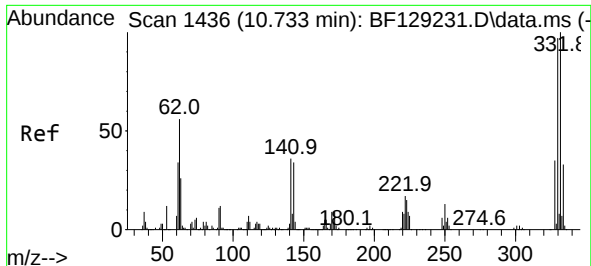
Tgt Ion: 82 Resp: 1303040
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

Tgt Ion:164 Resp: 552540
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 95.986 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF129250.D

Acq: 15 Jul 2022 21:30

Instrument :

BNA_F

ClientSampleId :

VNJ-230

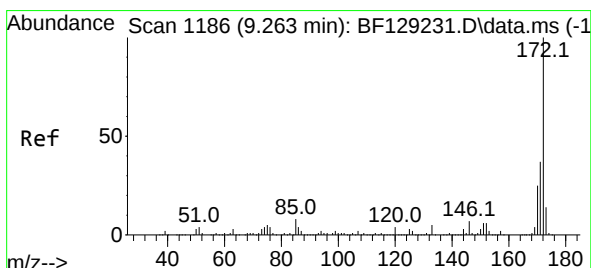
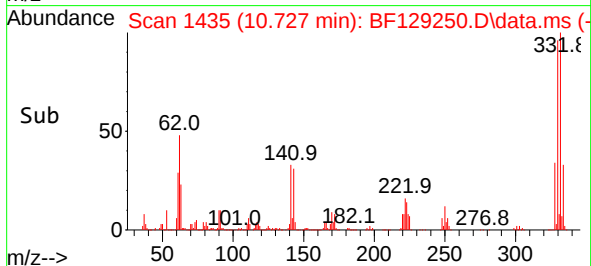
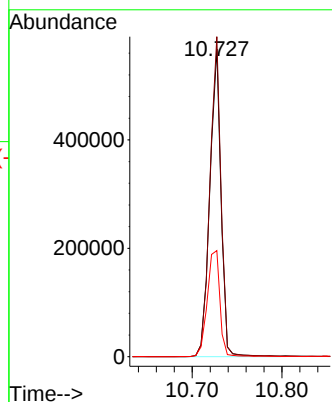
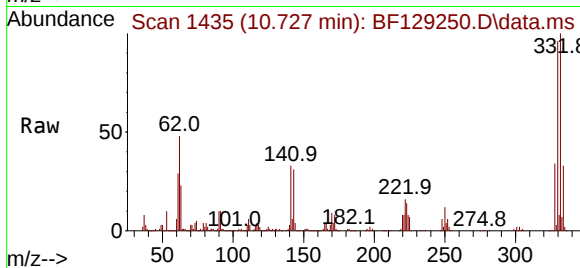
Tgt Ion:330 Resp: 492263

Ion Ratio Lower Upper

330 100

332 103.2 76.8 115.2

141 39.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.856 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF129250.D

Acq: 15 Jul 2022 21:30

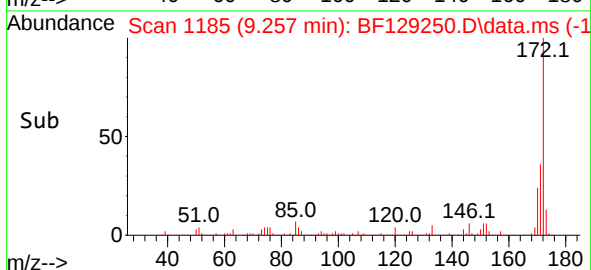
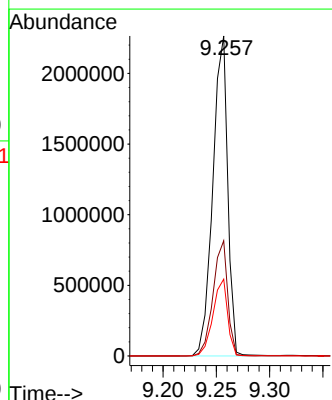
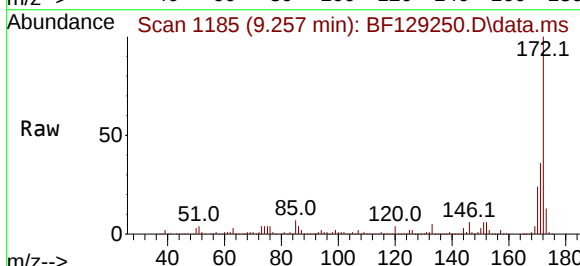
Tgt Ion:172 Resp: 2213047

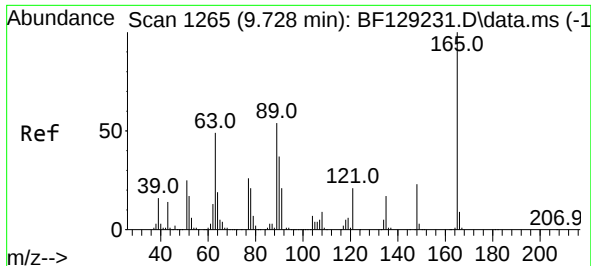
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.0 19.8 29.8

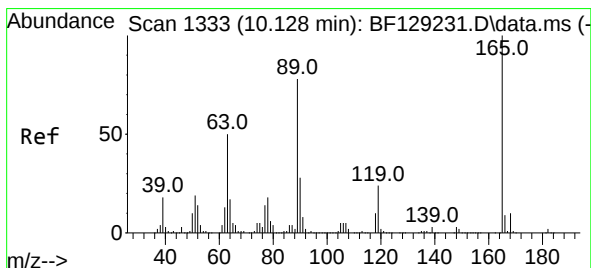
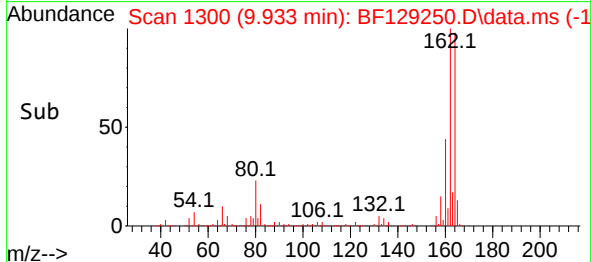
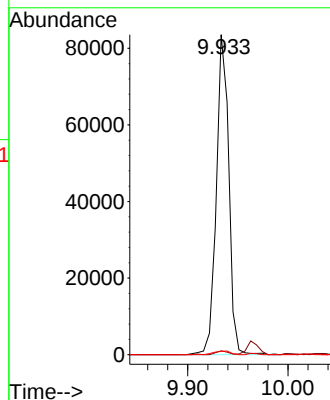
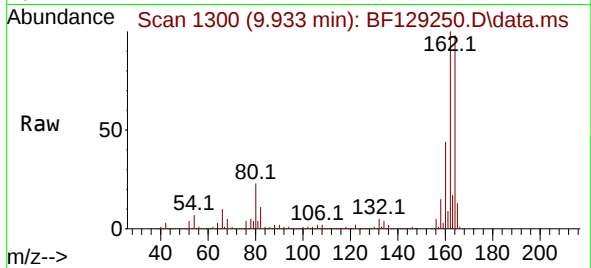




#51
2,6-Dinitrotoluene
Concen: 9.289 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

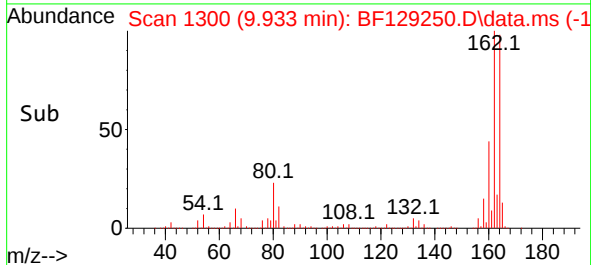
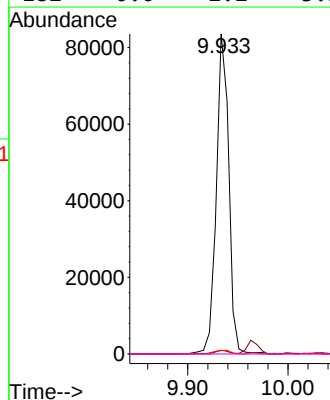
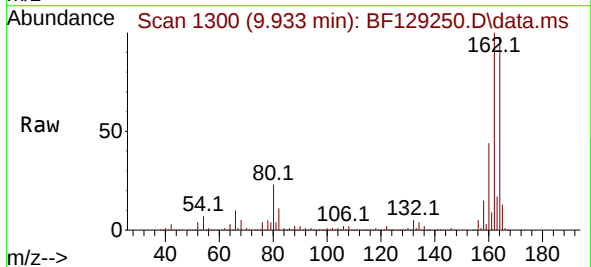
Instrument :
BNA_F
ClientSampleId :
VNJ-230

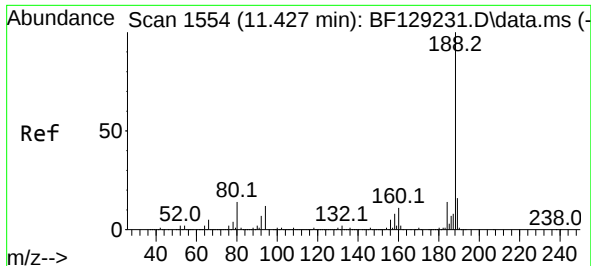
Tgt Ion:165 Resp: 72075
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.084 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

Tgt Ion:165 Resp: 72075
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#

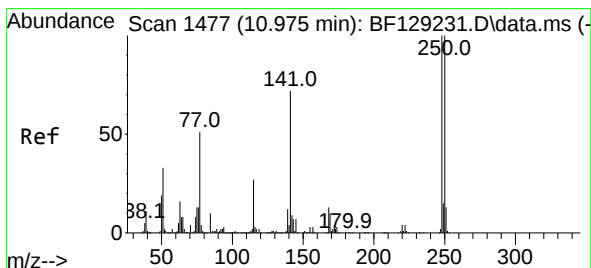
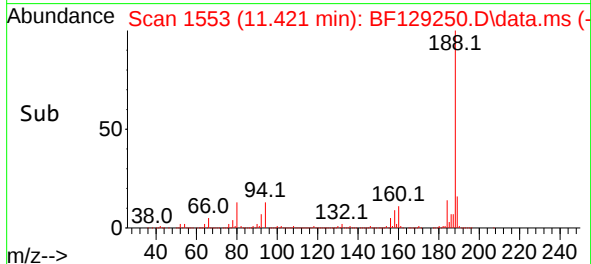
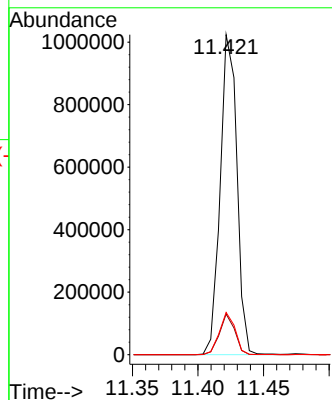
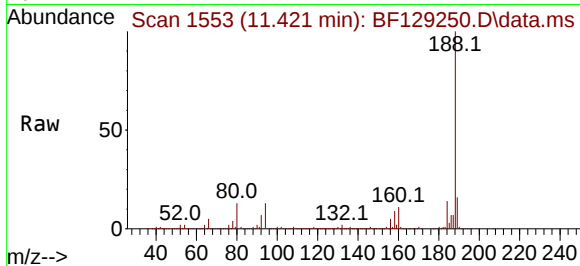




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

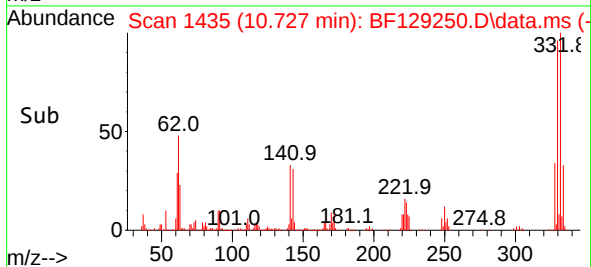
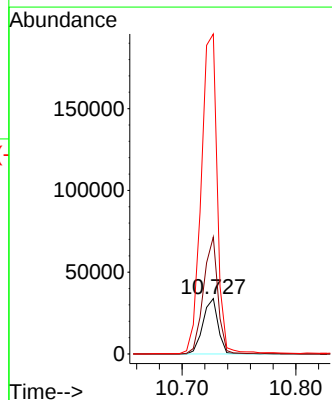
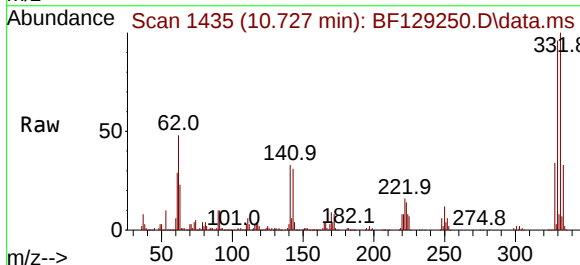
Instrument :
BNA_F
ClientSampleId :
VNJ-230

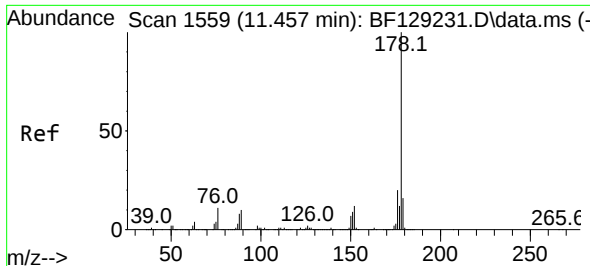
Tgt Ion:188 Resp: 906167
Ion Ratio Lower Upper
188 100
94 12.7 7.0 10.6#
80 13.2 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 3.295 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.247 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

Tgt Ion:248 Resp: 31432
Ion Ratio Lower Upper
248 100
250 211.1 80.6 120.8#
141 577.5 58.9 88.3#

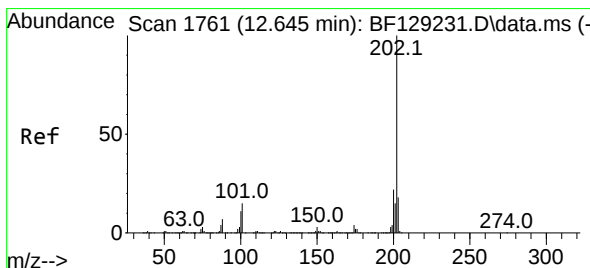
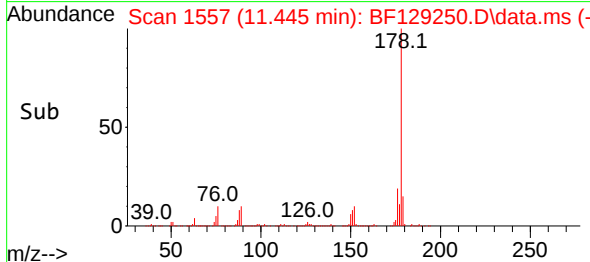
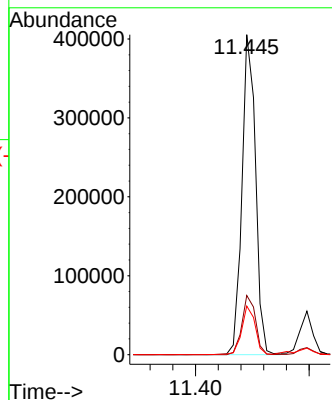
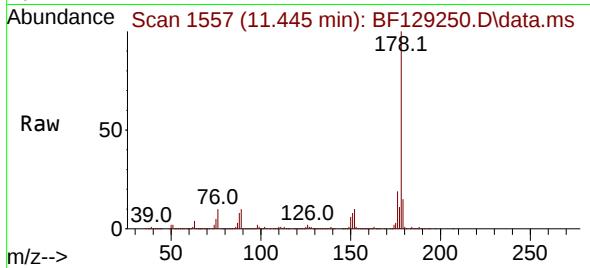




#71
Phenanthrene
Concen: 7.310 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

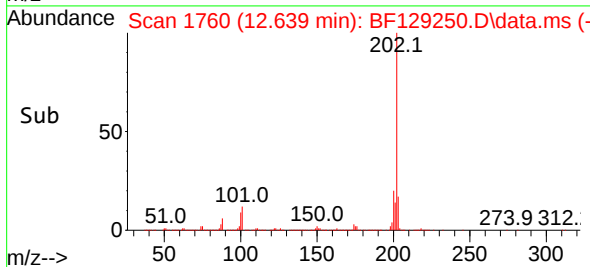
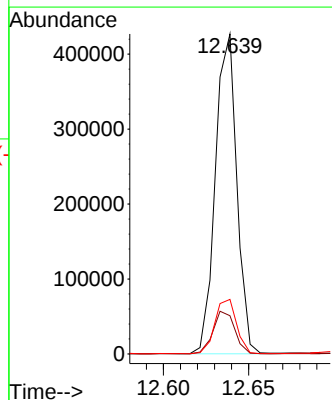
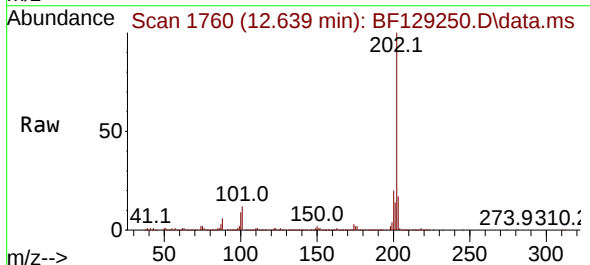
Instrument :
BNA_F
ClientSampleId :
VNJ-230

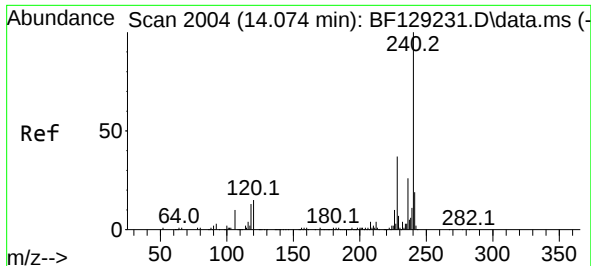
Tgt Ion:178 Resp: 336325
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 15.2 12.6 19.0



#75
Fluoranthene
Concen: 8.163 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

Tgt Ion:202 Resp: 374037
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.4
203 17.0 0.0 38.0

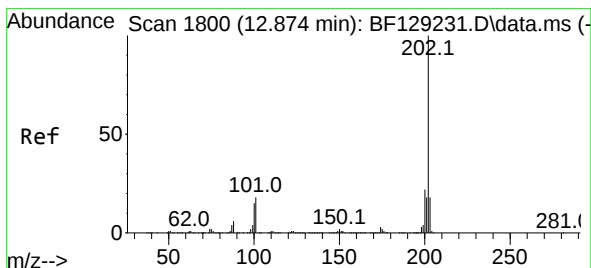
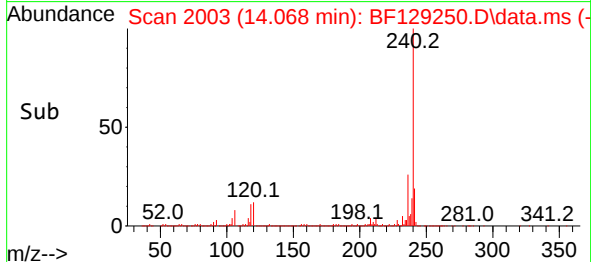
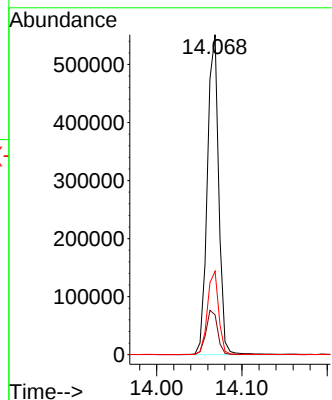
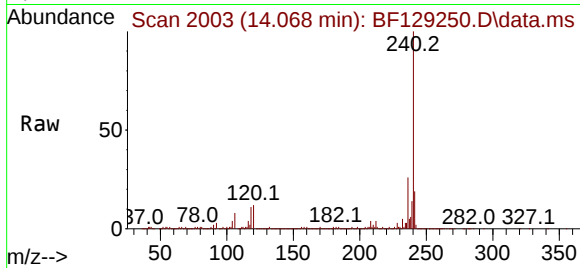




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

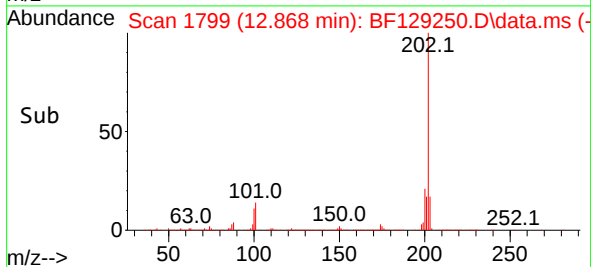
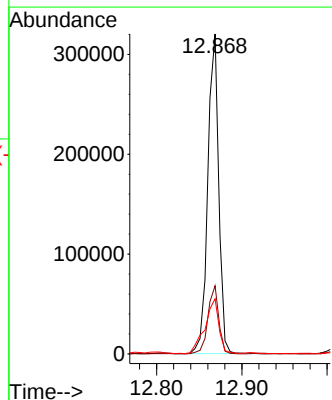
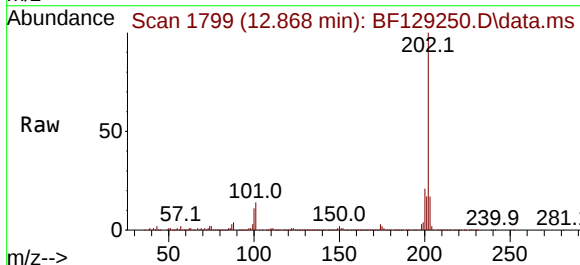
Instrument :
BNA_F
ClientSampleId :
VNJ-230

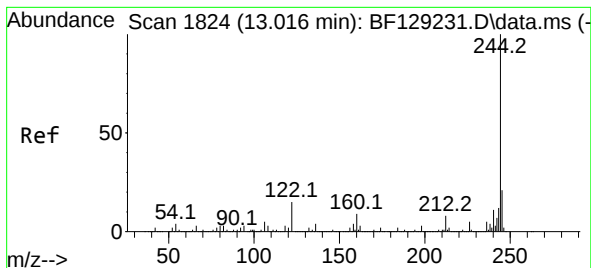
Tgt Ion:240 Resp: 508803
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 26.1 20.8 31.2



#78
Pyrene
Concen: 6.903 ng
RT: 12.868 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF129250.D
Acq: 15 Jul 2022 21:30

Tgt Ion:202 Resp: 284460
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.2 14.6 21.8





#79

Terphenyl-d14

Concen: 76.512 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129250.D

Acq: 15 Jul 2022 21:30

Instrument :

BNA_F

ClientSampleId :

VNJ-230

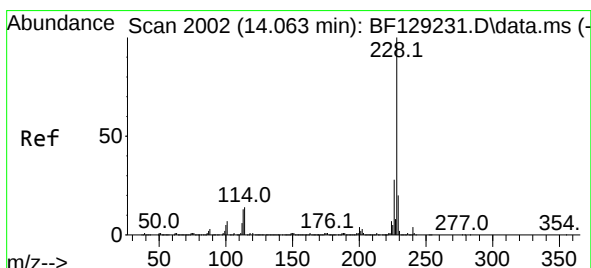
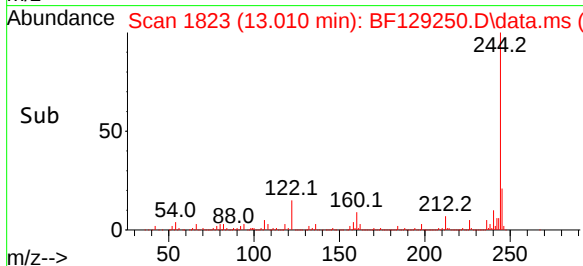
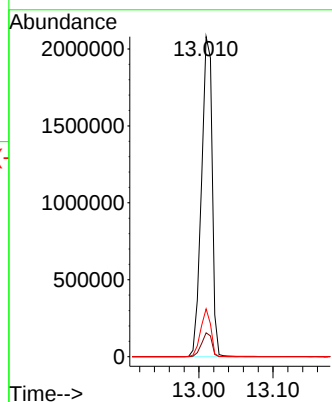
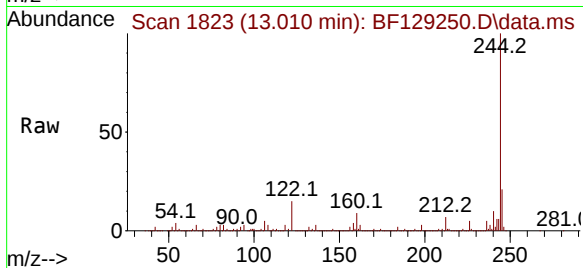
Tgt Ion:244 Resp: 2081022

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 15.0 8.8 13.2#



#81

Benzo(a)anthracene

Concen: 2.781 ng

RT: 14.057 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BF129250.D

Acq: 15 Jul 2022 21:30

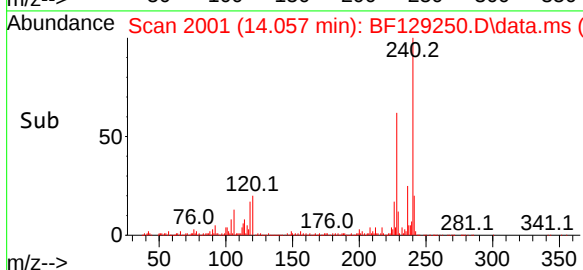
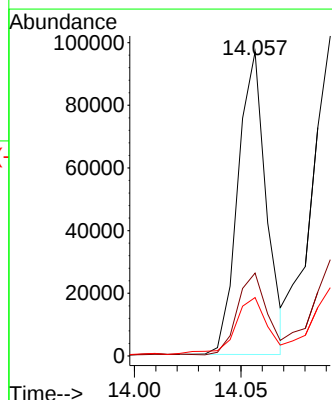
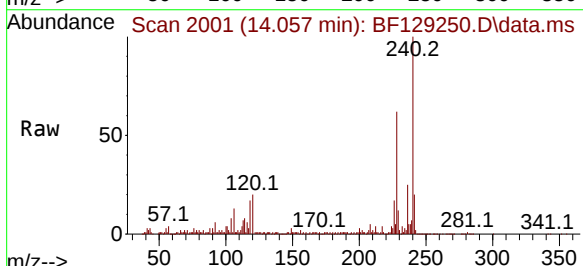
Tgt Ion:228 Resp: 89239

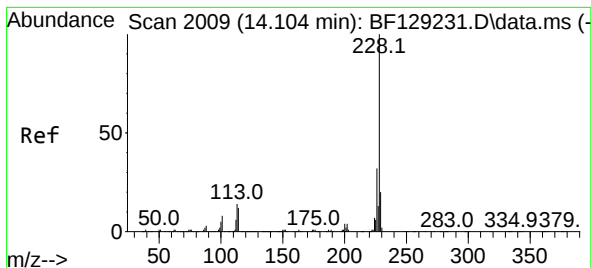
Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 19.2 15.8 23.8





#83

Chrysene

Concen: 3.201 ng

RT: 14.092 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF129250.D

Acq: 15 Jul 2022 21:30

Instrument :

BNA_F

ClientSampleId :

VNJ-230

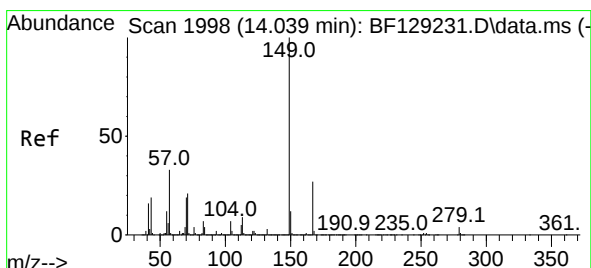
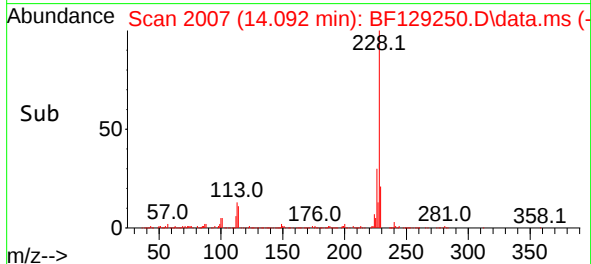
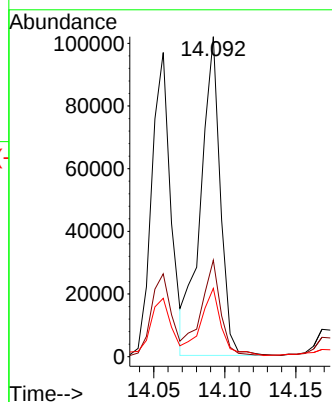
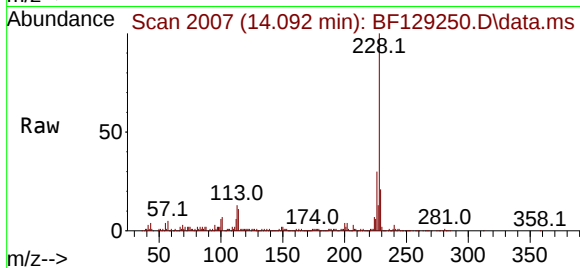
Tgt Ion:228 Resp: 98071

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 21.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.931 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BF129250.D

Acq: 15 Jul 2022 21:30

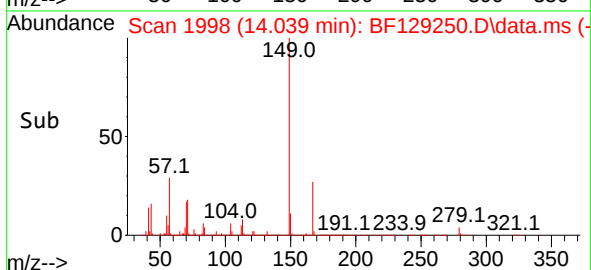
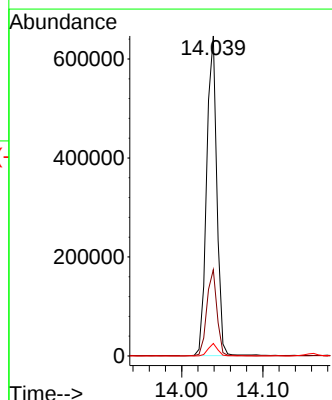
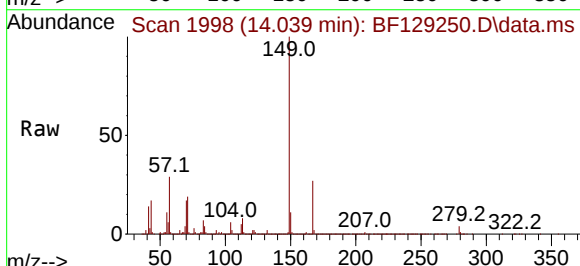
Tgt Ion:149 Resp: 560085

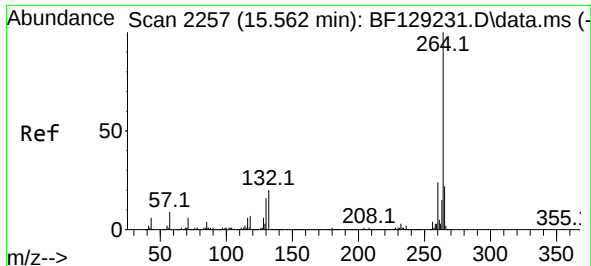
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

279 3.9 3.1 4.7

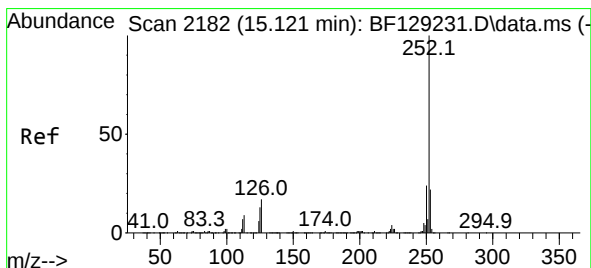
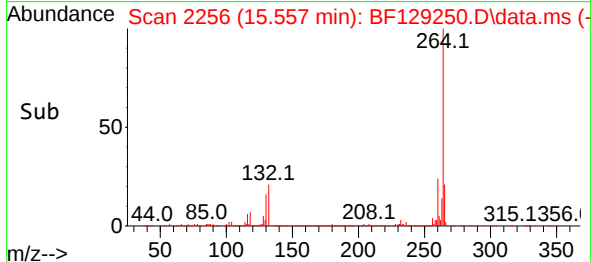
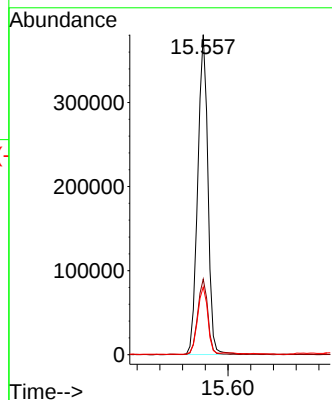
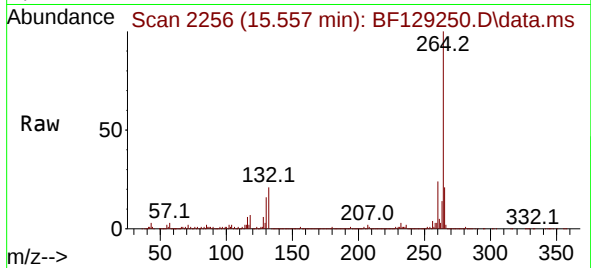




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2181
 Delta R.T. -0.006 min
 Lab File: BF129250.D
 Acq: 15 Jul 2022 21:30

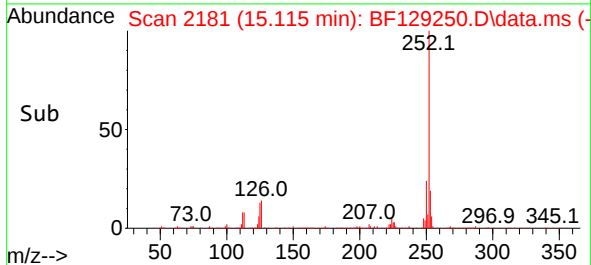
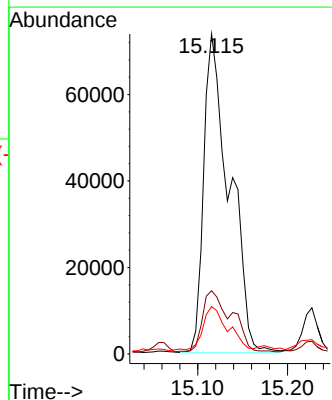
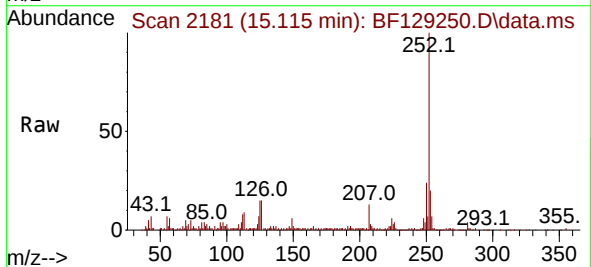
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-230

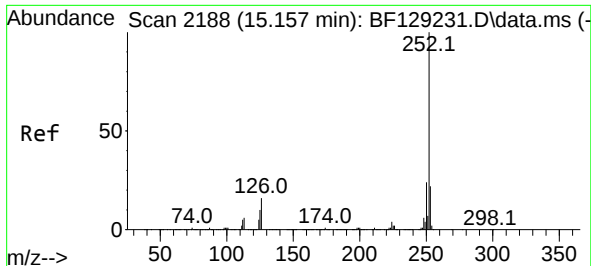
Tgt Ion:264 Resp: 476398
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.2 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 5.025 ng
 RT: 15.115 min Scan# 2181
 Delta R.T. -0.006 min
 Lab File: BF129250.D
 Acq: 15 Jul 2022 21:30

Tgt Ion:252 Resp: 147067
 Ion Ratio Lower Upper
 252 100
 253 19.7 17.7 26.5
 125 14.8 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 5.143 ng

RT: 15.115 min Scan# 2188

Delta R.T. -0.041 min

Lab File: BF129250.D

Acq: 15 Jul 2022 21:30

Instrument :

BNA_F

ClientSampleId :

VNJ-230

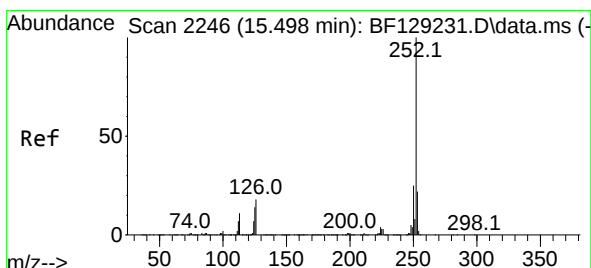
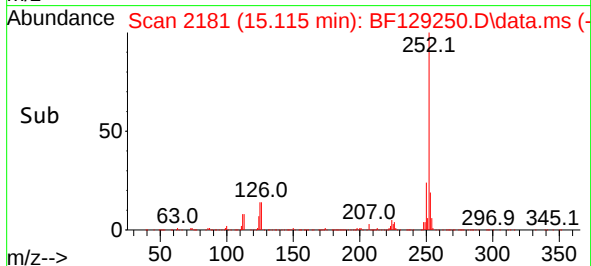
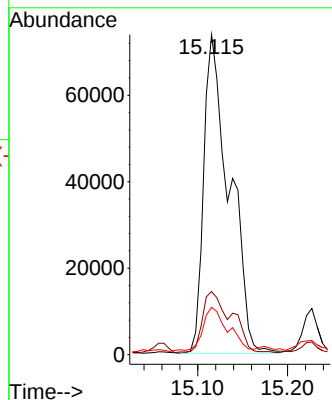
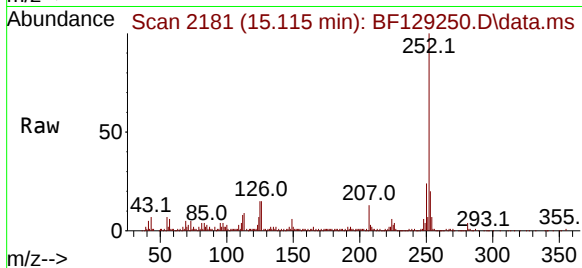
Tgt Ion:252 Resp: 147067

Ion Ratio Lower Upper

252 100

253 19.7 17.8 26.6

125 14.8 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 2.913 ng

RT: 15.486 min Scan# 2244

Delta R.T. -0.012 min

Lab File: BF129250.D

Acq: 15 Jul 2022 21:30

Tgt Ion:252 Resp: 69400

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.6

125 15.3 8.8 13.2#

