

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129258.D
 Acq On : 16 Jul 2022 01:46
 Operator : CG\JU
 Sample : N3716-03 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236

Quant Time: Jul 16 02:43:42 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)

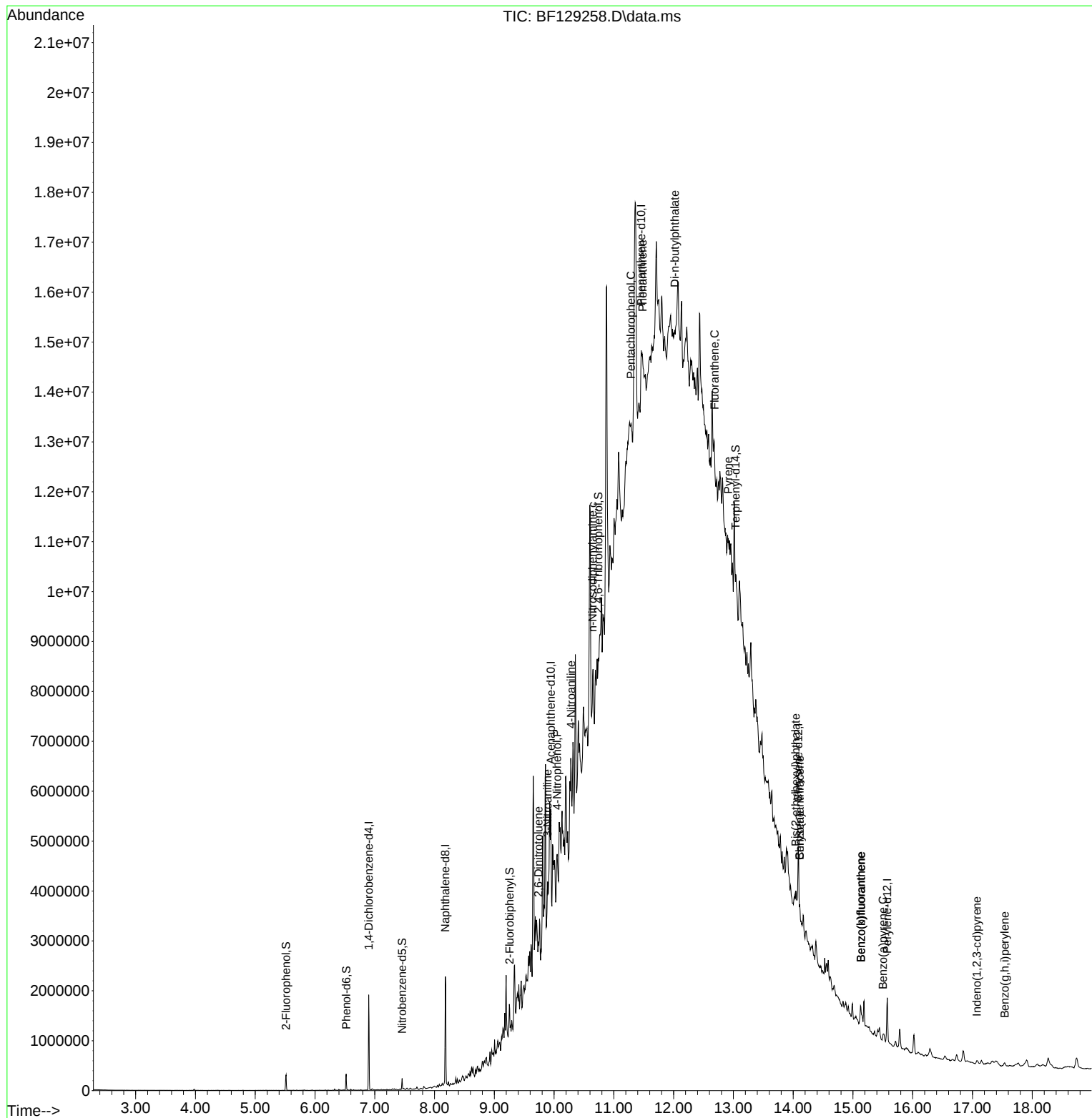
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	255295	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	928125	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	366924	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	395120	20.000	ng	# 0.03
76) Chrysene-d12	14.086	240	448160	20.000	ng	# 0.01
86) Perylene-d12	15.574	264	369462	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	81608	5.105	ng	0.00
7) Phenol-d6	6.522	99	98865	4.782	ng	0.00
23) Nitrobenzene-d5	7.457	82	57565	3.315	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	14103	4.141	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	107504	4.964	ng	0.00
79) Terphenyl-d14	13.039	244	72550	3.028	ng	0.02
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	9.739	165	10815	2.099	ng	# 42
53) 3-Nitroaniline	9.892	138	24606	3.999	ng	# 18
56) 4-Nitrophenol	10.051	139	13175	2.705	ng	# 1
62) 4-Nitroaniline	10.286	138	15761	2.587	ng	86
66) n-Nitrosodiphenylamine	10.645	169	33362	2.646	ng	# 57
70) Pentachlorophenol	11.286	266	9691	3.733	ng	# 38
71) Phenanthrene	11.480	178	116971	5.831	ng	# 41
74) Di-n-butylphthalate	12.022	149	110089	4.819	ng	# 28
75) Fluoranthene	12.686	202	270289	13.529	ng	89
78) Pyrene	12.916	202	211482	5.826	ng	# 92
81) Benzo(a)anthracene	14.110	228	147157	5.206	ng	93
83) Chrysene	14.110	228	147157	5.454	ng	97
84) Bis(2-ethylhexyl)phtha...	14.045	149	132084	6.140	ng	95
87) Indeno(1,2,3-cd)pyrene	17.074	276	57874	2.512	ng	95
88) Benzo(b)fluoranthene	15.133	252	217134	9.567	ng	# 85
89) Benzo(k)fluoranthene	15.133	252	217134	9.792	ng	# 85
90) Benzo(a)pyrene	15.504	252	55767	3.018	ng	# 69
92) Benzo(g,h,i)perylene	17.539	276	53727	2.820	ng	94

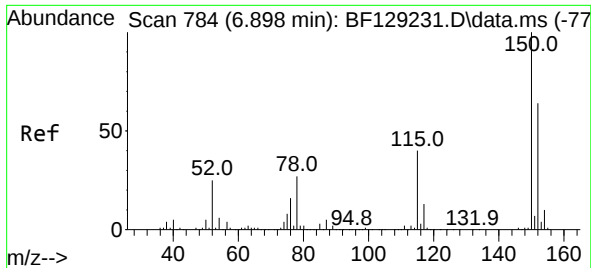
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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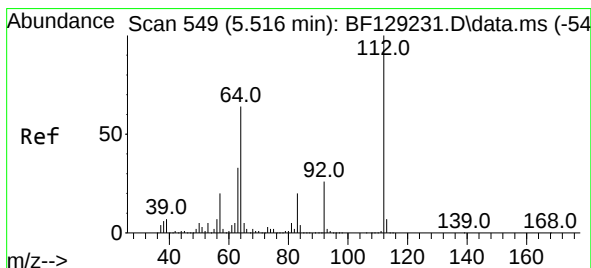
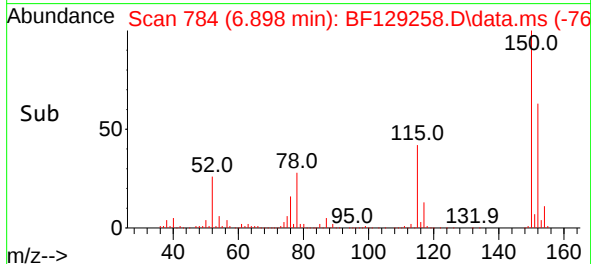
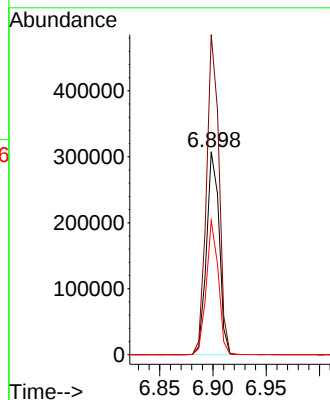
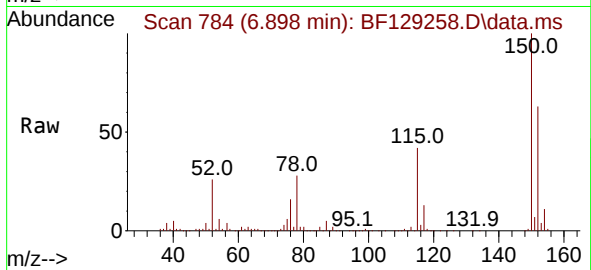




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: BF129258.D
 Acq: 16 Jul 2022 01:46

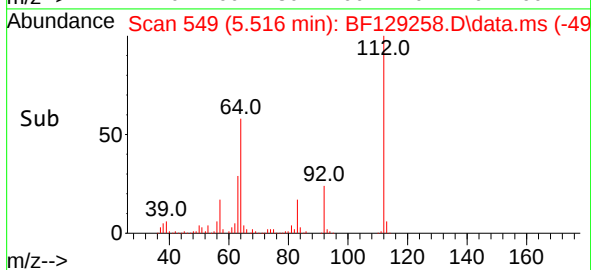
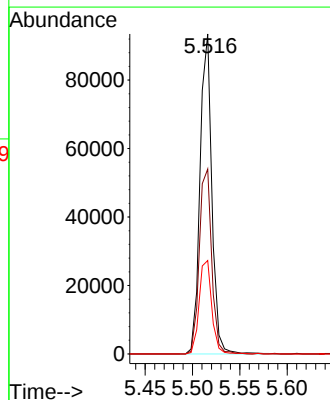
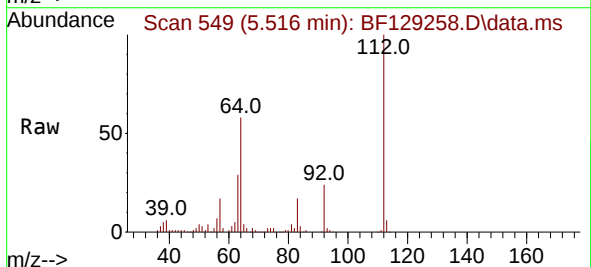
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236

Tgt Ion:152 Resp: 255295
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.7 185.5
 115 66.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 5.105 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.000 min
 Lab File: BF129258.D
 Acq: 16 Jul 2022 01:46

Tgt Ion:112 Resp: 81608
 Ion Ratio Lower Upper
 112 100
 64 57.8 53.3 79.9
 63 29.2 28.0 42.0

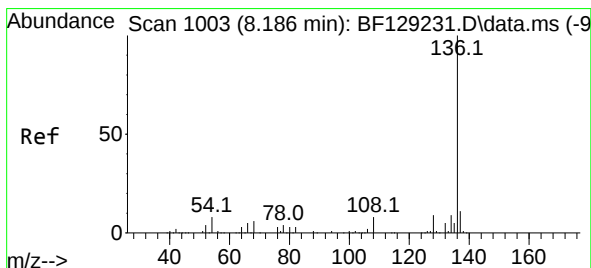
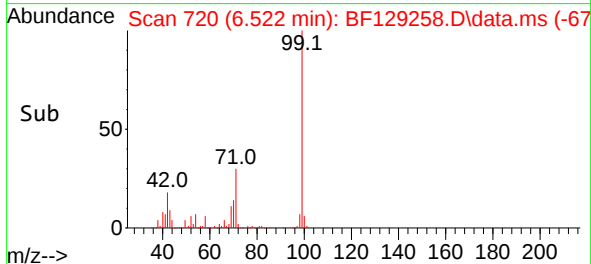
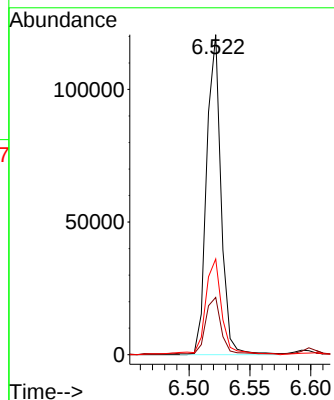
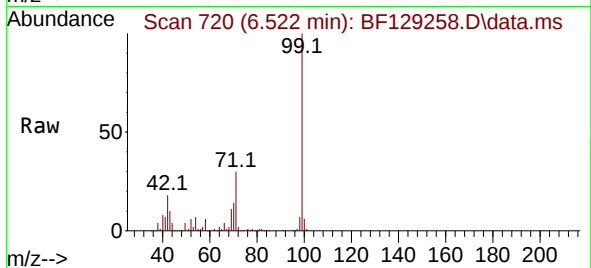




#7
Phenol-d6
Concen: 4.782 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

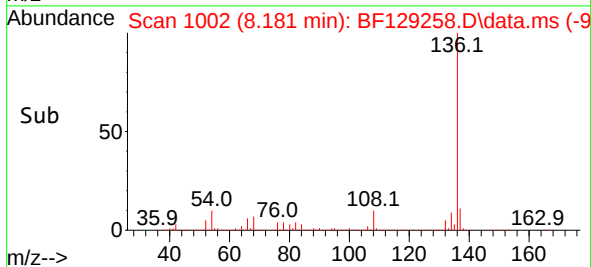
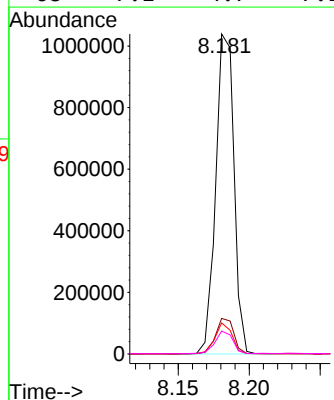
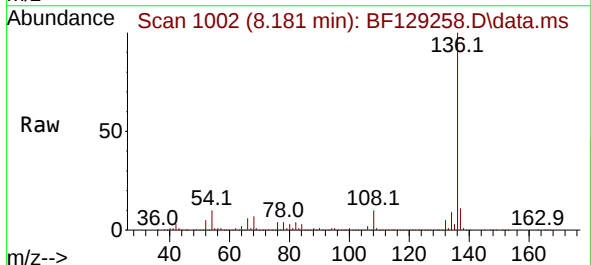
Instrument :
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ClientSampleId :
VNJ-236

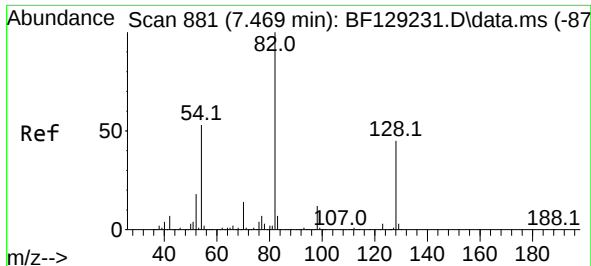
Tgt Ion: 99 Resp: 98865
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 29.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

Tgt Ion:136 Resp: 928125
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.7 7.5 11.3
68 7.1 4.7 7.1#

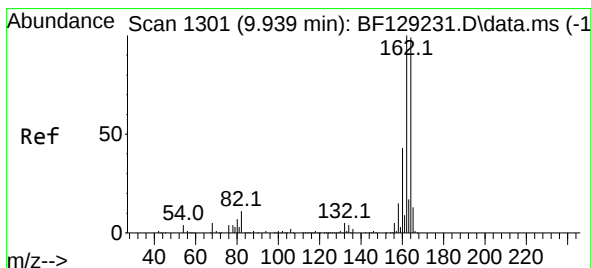
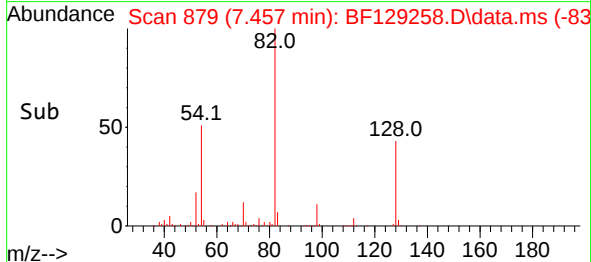
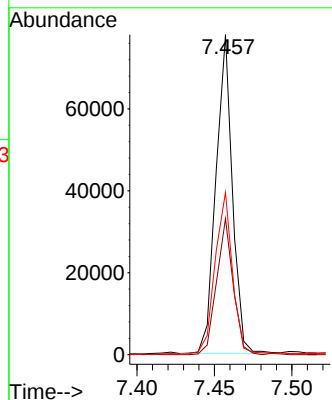
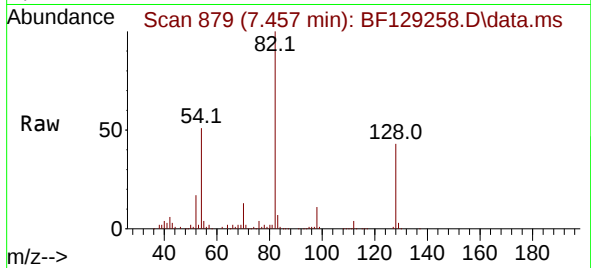




#23
Nitrobenzene-d5
Concen: 3.315 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

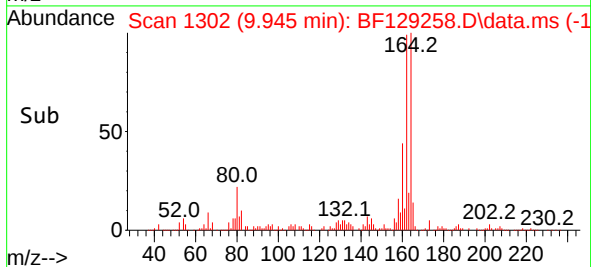
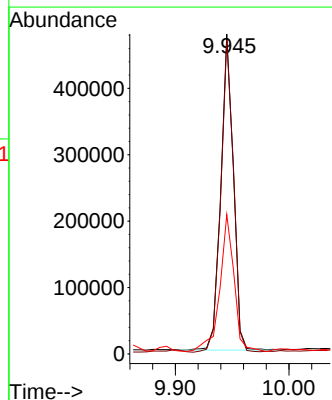
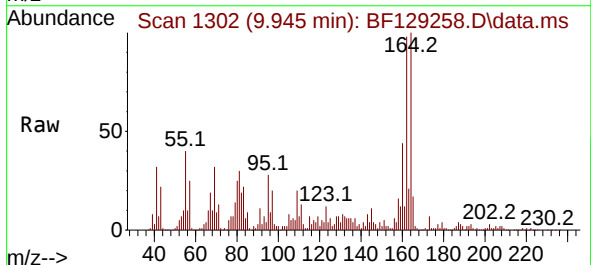
Instrument :
BNA_F
ClientSampleId :
VNJ-236

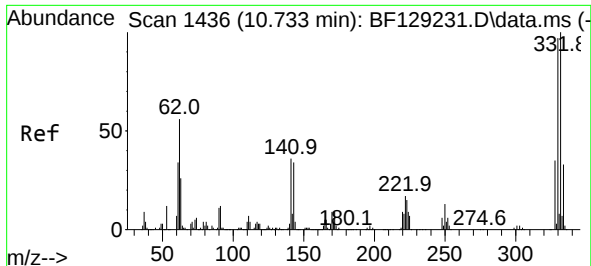
Tgt Ion: 82 Resp: 57565
Ion Ratio Lower Upper
82 100
128 42.6 34.0 51.0
54 50.7 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

Tgt Ion:164 Resp: 366924
Ion Ratio Lower Upper
164 100
162 98.1 79.5 119.3
160 43.6 34.2 51.4

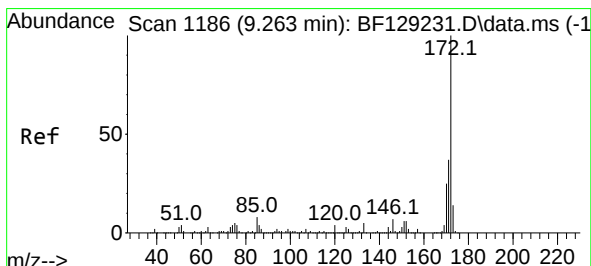
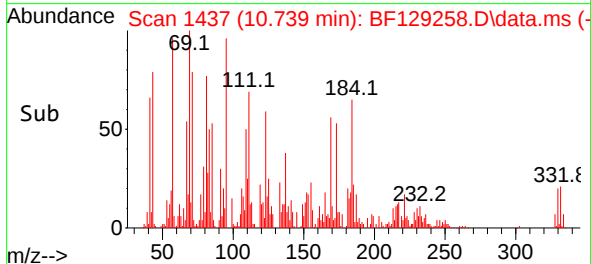
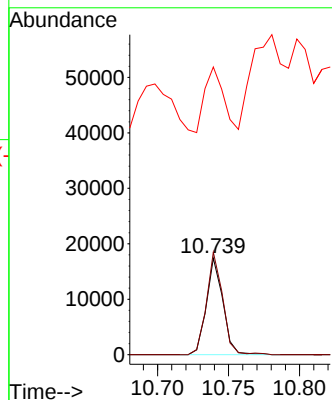
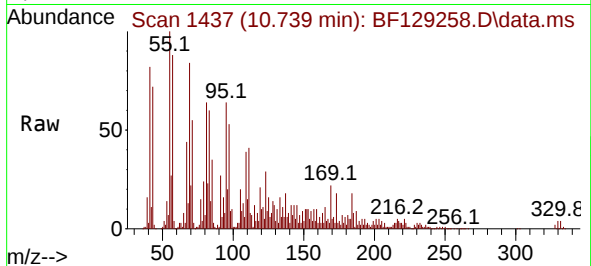




#42
2,4,6-Tribromophenol
Concen: 4.141 ng
RT: 10.739 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

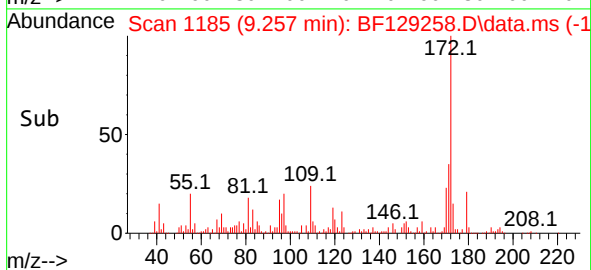
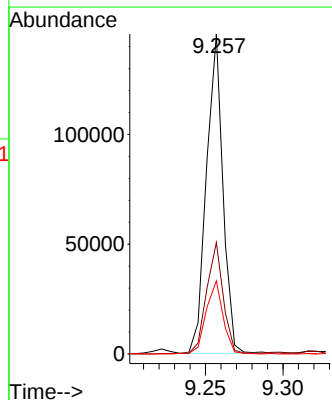
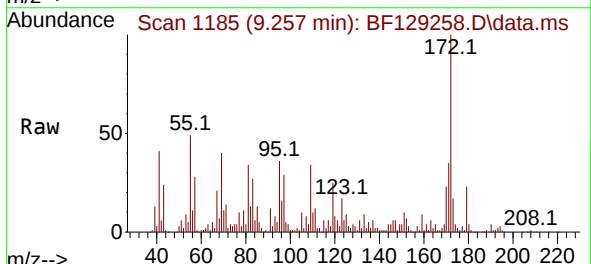
Instrument :
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ClientSampleId :
VNJ-236

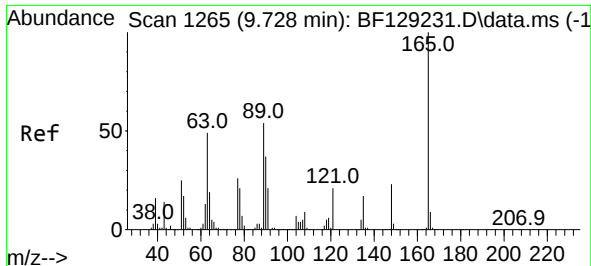
Tgt Ion:330 Resp: 14103
Ion Ratio Lower Upper
330 100
332 104.5 76.8 115.2
141 76.5 28.0 42.0#



#45
2-Fluorobiphenyl
Concen: 4.964 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

Tgt Ion:172 Resp: 107504
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 22.9 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 2.099 ng

RT: 9.739 min Scan# 1265

Delta R.T. 0.012 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

Instrument :

BNA_F

ClientSampleId :

VNJ-236

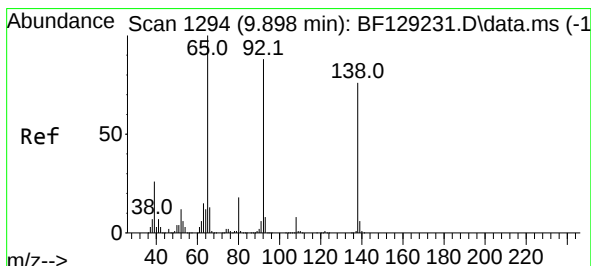
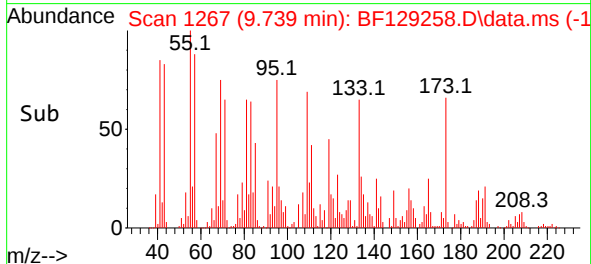
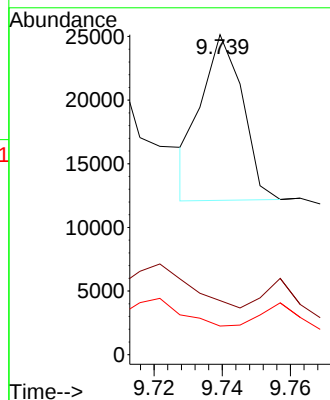
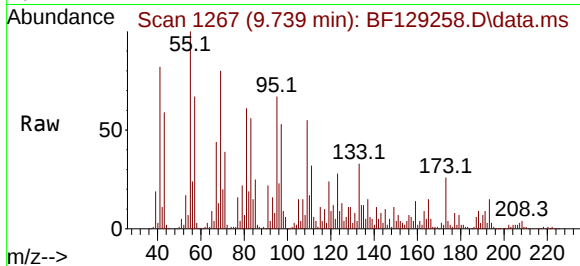
Tgt Ion:165 Resp: 10815

Ion Ratio Lower Upper

165 100

63 16.9 44.9 67.3#

89 8.9 43.6 65.4#



#53

3-Nitroaniline

Concen: 3.999 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

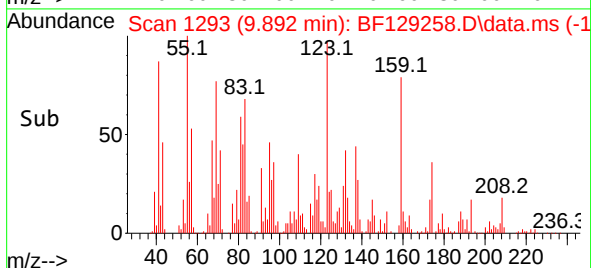
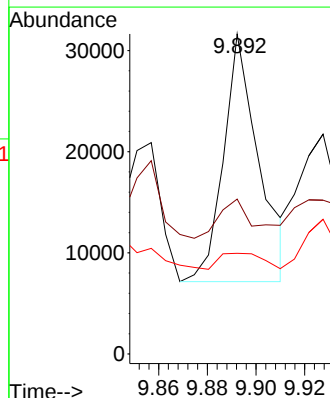
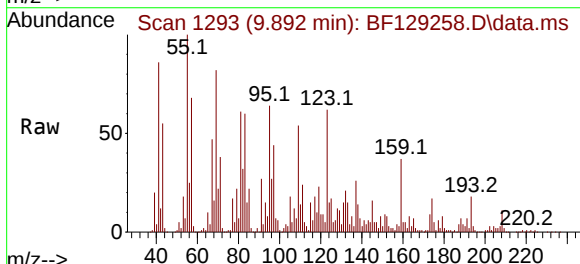
Tgt Ion:138 Resp: 24606

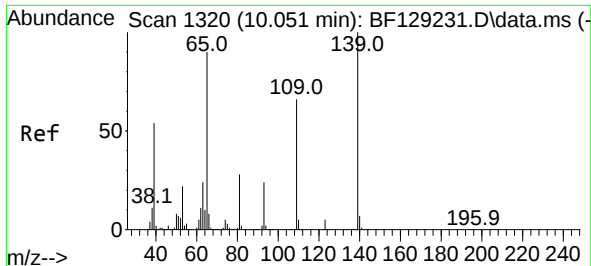
Ion Ratio Lower Upper

138 100

108 48.4 10.9 16.3#

92 31.5 98.2 147.2#

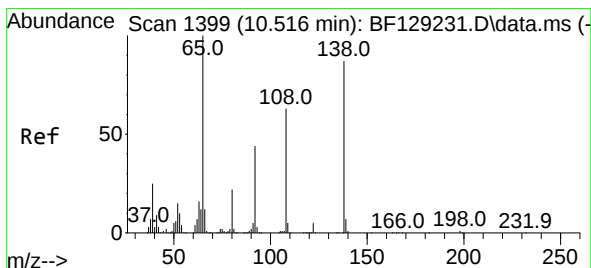
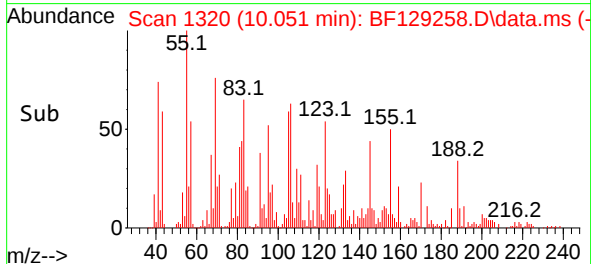
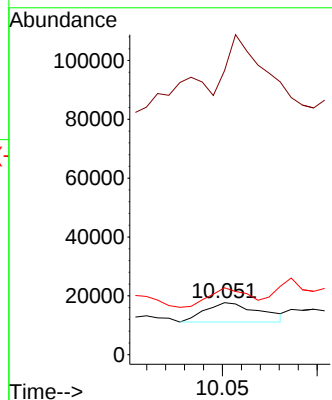
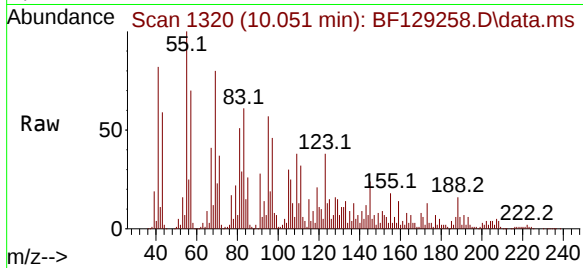




#56
4-Nitrophenol
Concen: 2.705 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

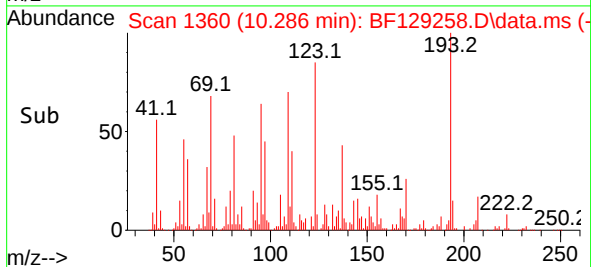
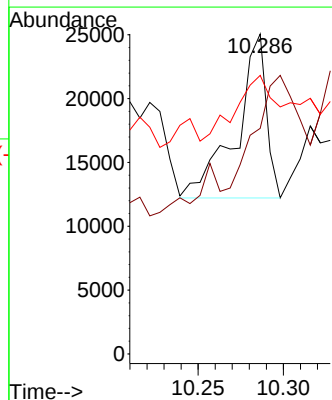
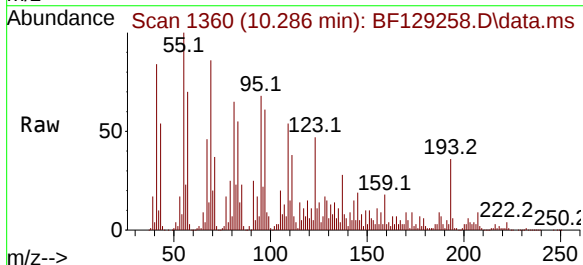
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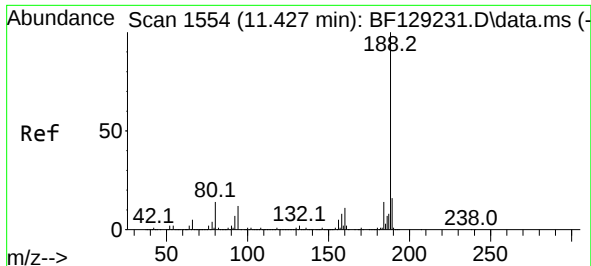
Tgt Ion:139 Resp: 13175
Ion Ratio Lower Upper
139 100
109 545.5 50.7 90.7#
65 128.4 74.5 114.5#



#62
4-Nitroaniline
Concen: 2.587 ng
RT: 10.286 min Scan# 1360
Delta R.T. -0.229 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

Tgt Ion:138 Resp: 15761
Ion Ratio Lower Upper
138 100
92 70.5 33.5 73.5
108 87.0 61.0 101.0

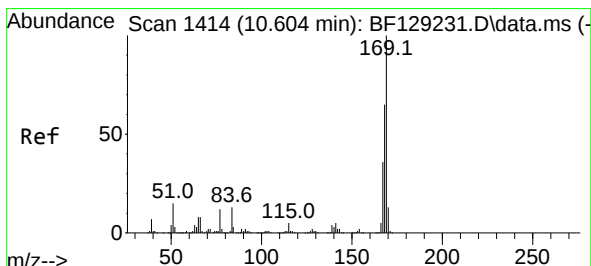
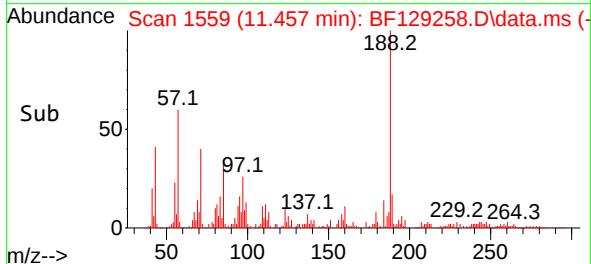
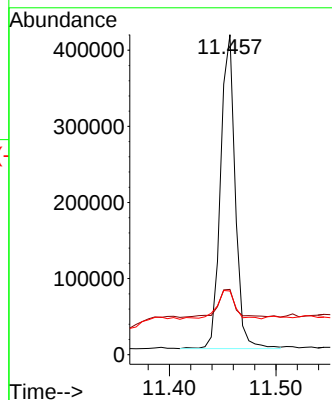
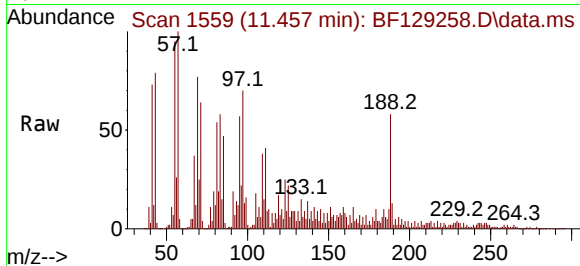




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

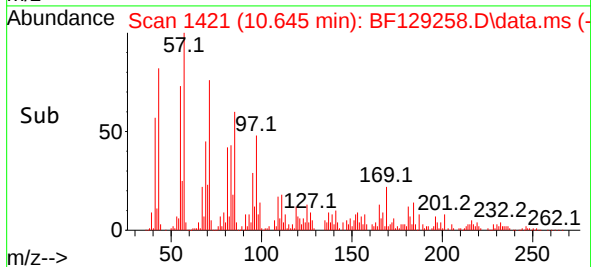
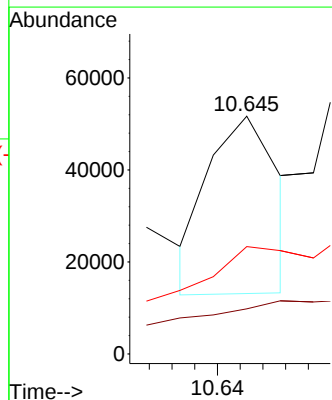
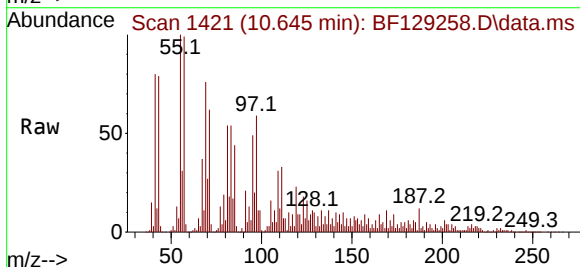
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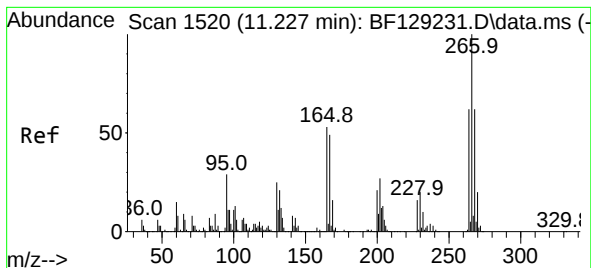
Tgt Ion:188 Resp: 395120
Ion Ratio Lower Upper
188 100
94 20.4 7.0 10.6#
80 19.9 7.6 11.4#



#66
n-Nitrosodiphenylamine
Concen: 2.646 ng
RT: 10.645 min Scan# 1421
Delta R.T. 0.041 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

Tgt Ion:169 Resp: 33362
Ion Ratio Lower Upper
169 100
168 19.0 50.1 75.1#
167 45.2 27.9 41.9#





#70

Pentachlorophenol

Concen: 3.733 ng

RT: 11.286 min Scan# 1

Delta R.T. 0.059 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

Instrument :

BNA_F

ClientSampleId :

VNJ-236

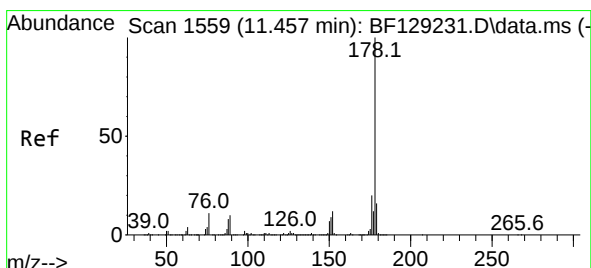
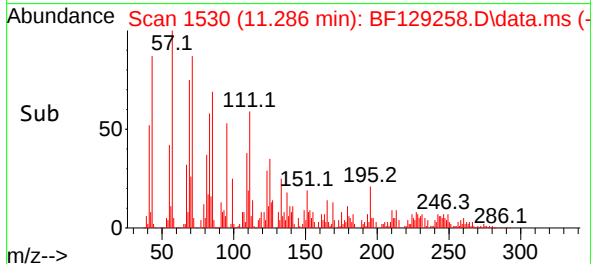
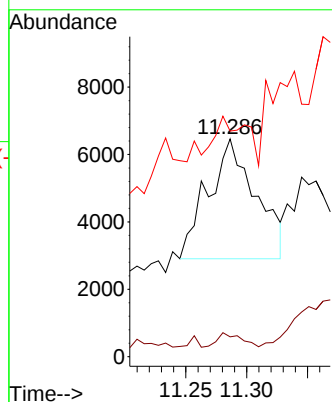
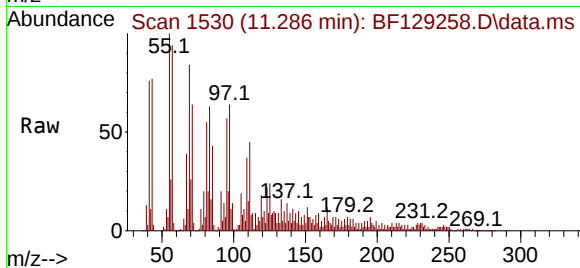
Tgt Ion:266 Resp: 9691

Ion Ratio Lower Upper

266 100

268 9.1 51.0 76.4#

264 103.6 49.4 74.2#



#71

Phenanthrene

Concen: 5.831 ng

RT: 11.480 min Scan# 1563

Delta R.T. 0.024 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

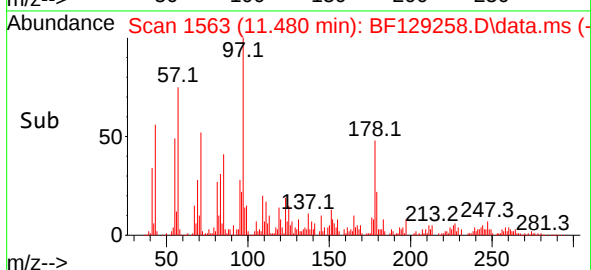
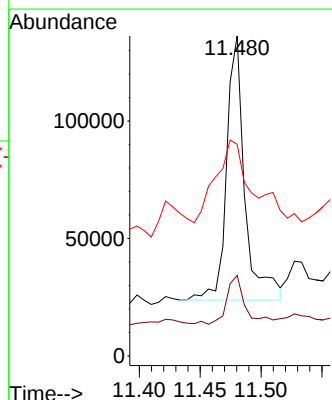
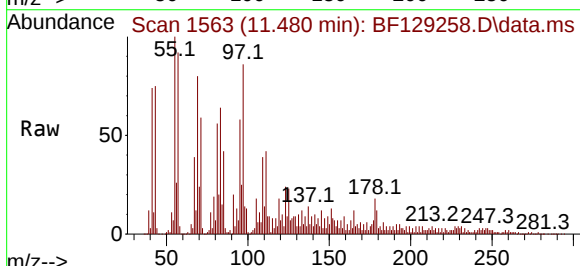
Tgt Ion:178 Resp: 116971

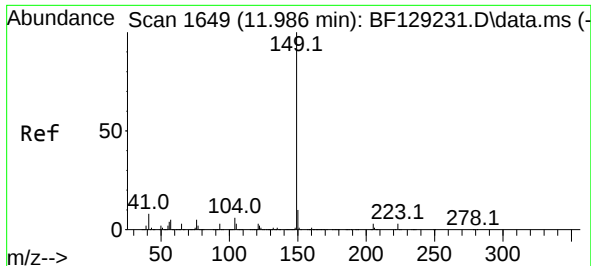
Ion Ratio Lower Upper

178 100

176 25.2 16.0 24.0#

179 66.2 12.6 19.0#

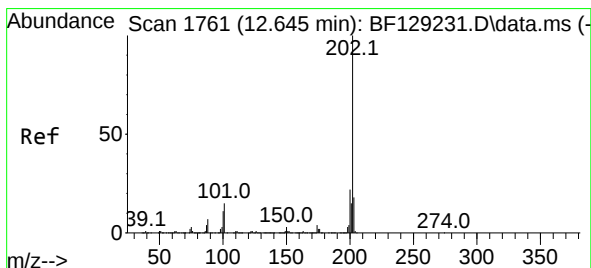
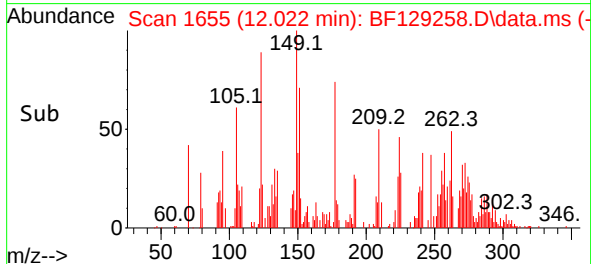
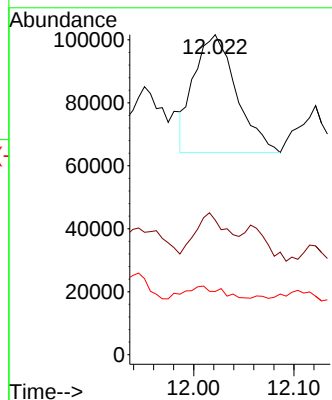
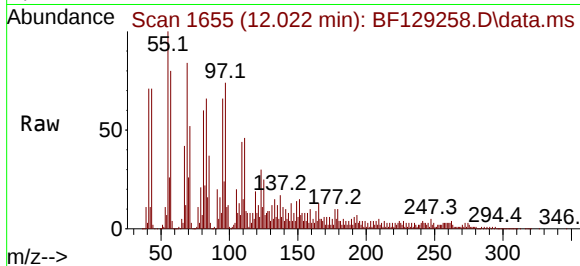




#74
Di-n-butylphthalate
Concen: 4.819 ng
RT: 12.022 min Scan# 1655
Delta R.T. 0.035 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

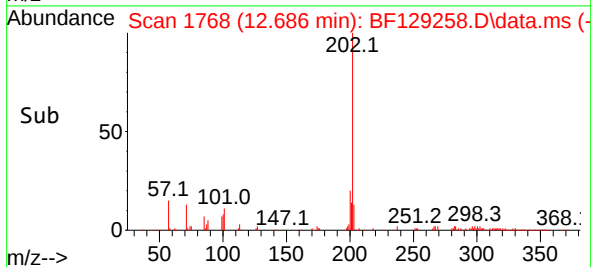
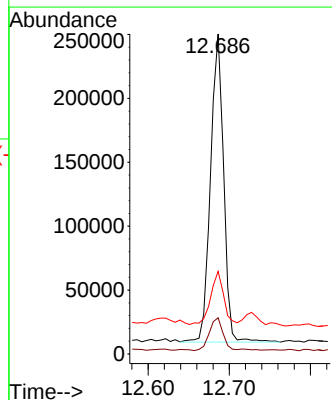
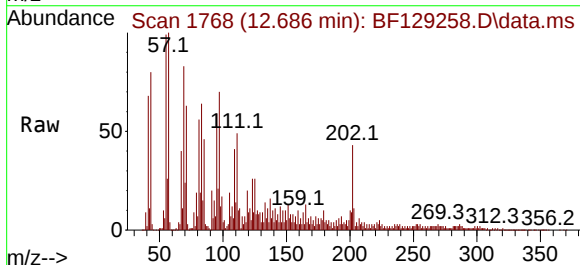
Instrument :
BNA_F
ClientSampleId :
VNJ-236

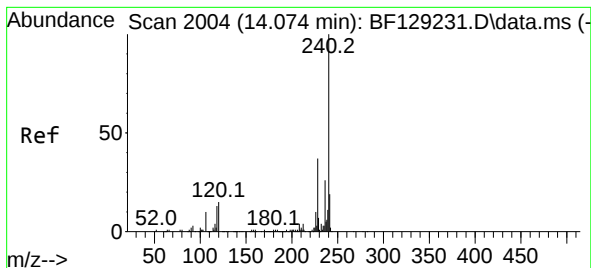
Tgt Ion:149 Resp: 110089
Ion Ratio Lower Upper
149 100
150 42.0 7.5 11.3#
104 19.8 4.4 6.6#



#75
Fluoranthene
Concen: 13.529 ng
RT: 12.686 min Scan# 1768
Delta R.T. 0.041 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

Tgt Ion:202 Resp: 270289
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 25.8 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

Instrument :

BNA_F

ClientSampleId :

VNJ-236

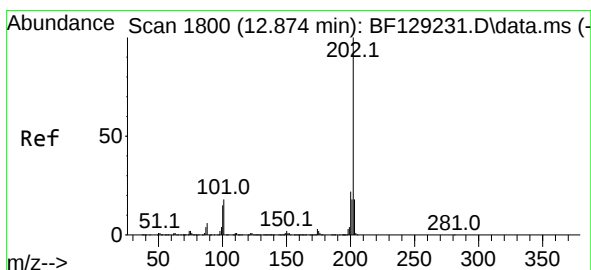
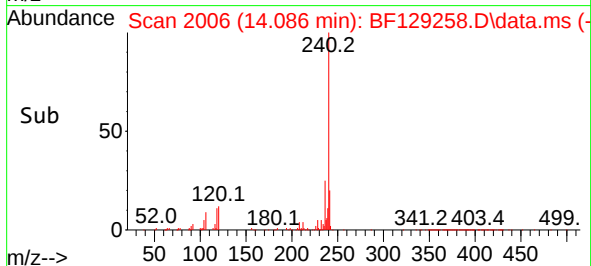
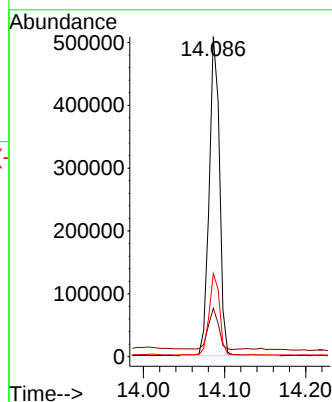
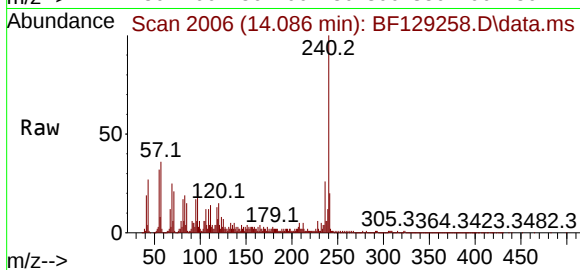
Tgt Ion:240 Resp: 448160

Ion Ratio Lower Upper

240 100

120 15.1 8.9 13.3#

236 26.0 20.8 31.2



#78

Pyrene

Concen: 5.826 ng

RT: 12.916 min Scan# 1807

Delta R.T. 0.041 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

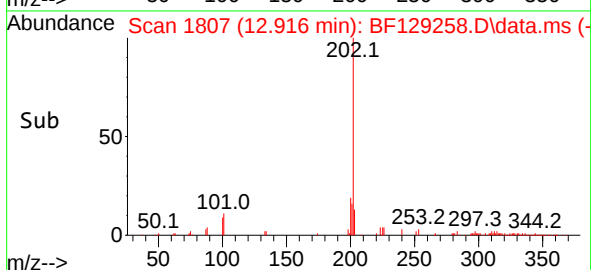
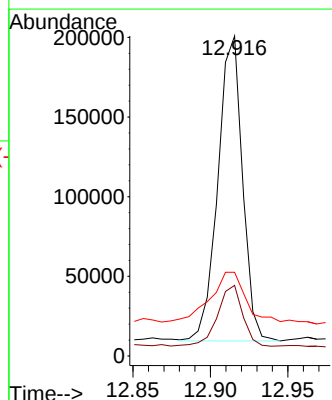
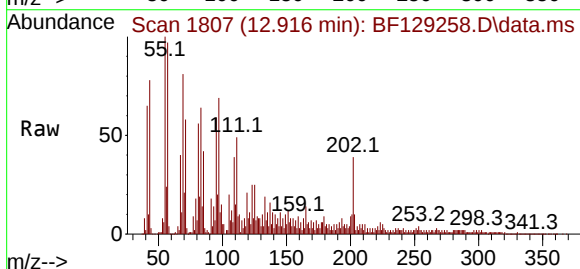
Tgt Ion:202 Resp: 211482

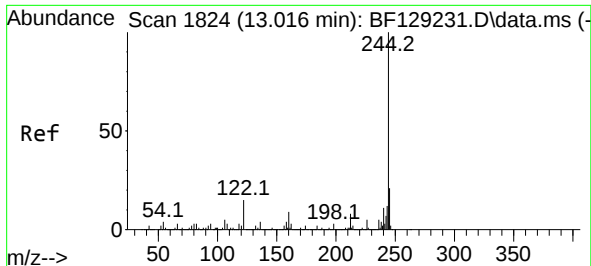
Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

203 26.2 14.6 21.8#

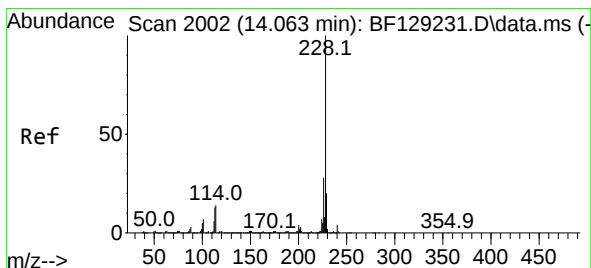
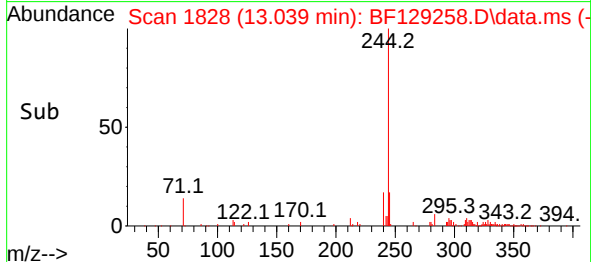
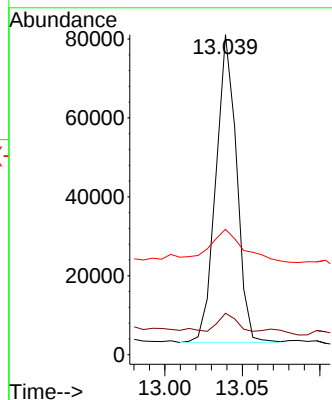
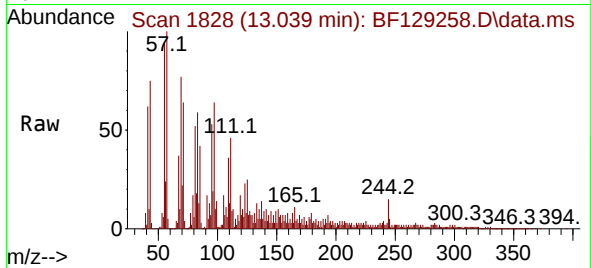




#79
 Terphenyl-d14
 Concen: 3.028 ng
 RT: 13.039 min Scan# 11
 Delta R.T. 0.024 min
 Lab File: BF129258.D
 Acq: 16 Jul 2022 01:46

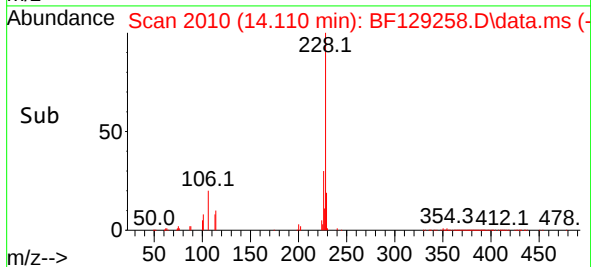
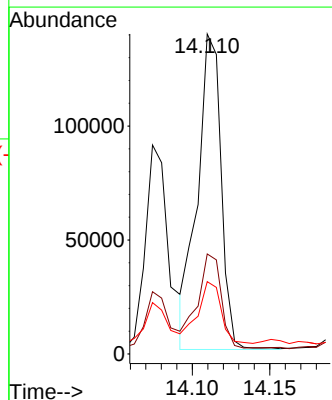
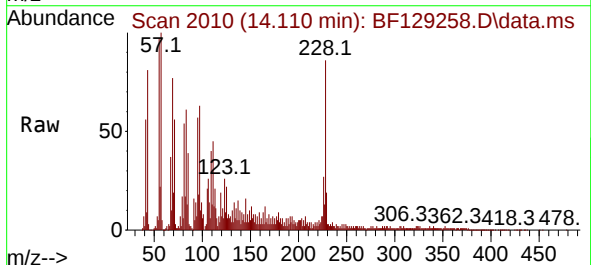
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236

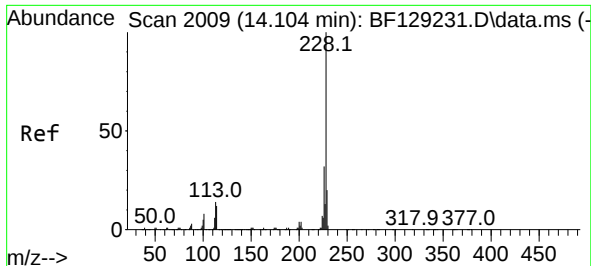
Tgt Ion:244 Resp: 72550
 Ion Ratio Lower Upper
 244 100
 212 13.0 6.1 9.1#
 122 39.2 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 5.206 ng
 RT: 14.110 min Scan# 2010
 Delta R.T. 0.047 min
 Lab File: BF129258.D
 Acq: 16 Jul 2022 01:46

Tgt Ion:228 Resp: 147157
 Ion Ratio Lower Upper
 228 100
 226 31.3 22.1 33.1
 229 22.6 15.8 23.8

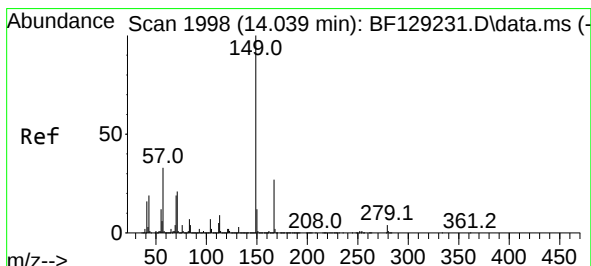
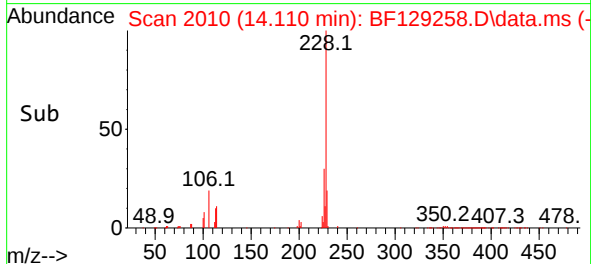
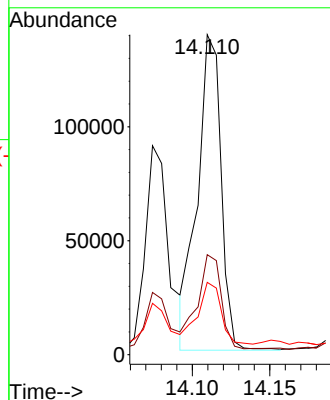
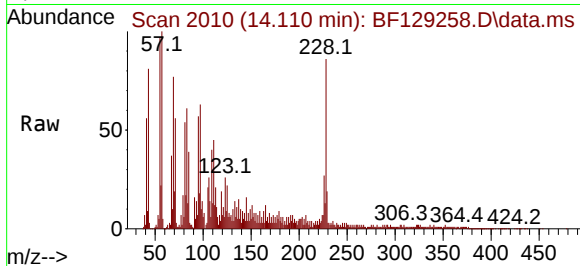




#83
Chrysene
Concen: 5.454 ng
RT: 14.110 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

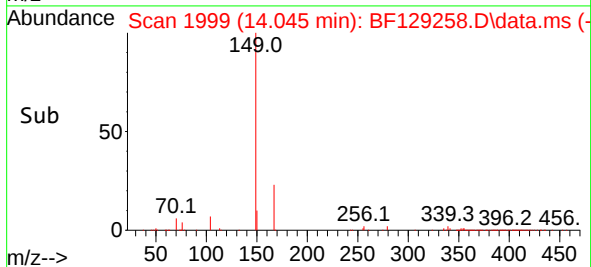
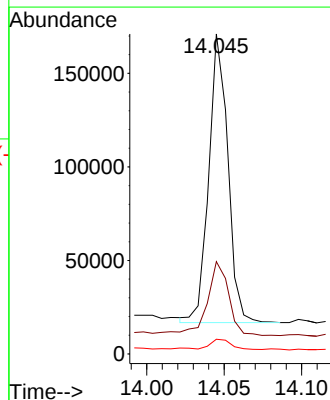
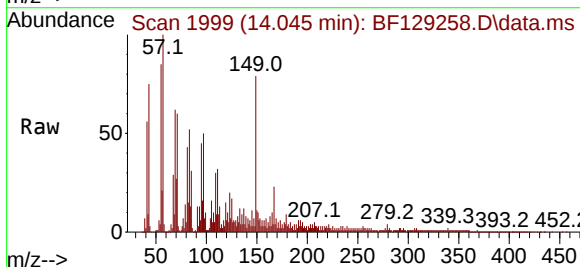
Instrument :
BNA_F
ClientSampleId :
VNJ-236

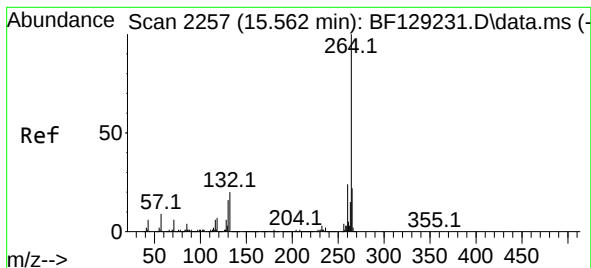
Tgt Ion:228 Resp: 147157
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 22.6 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.140 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

Tgt Ion:149 Resp: 132084
Ion Ratio Lower Upper
149 100
167 28.8 21.0 31.4
279 4.6 3.1 4.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

Instrument :

BNA_F

ClientSampleId :

VNJ-236

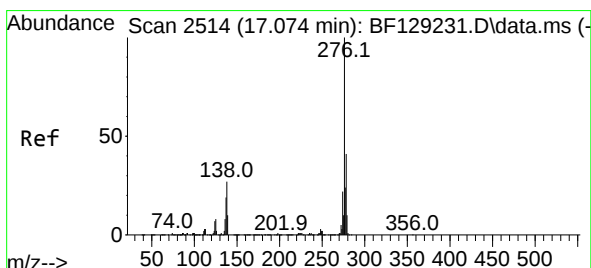
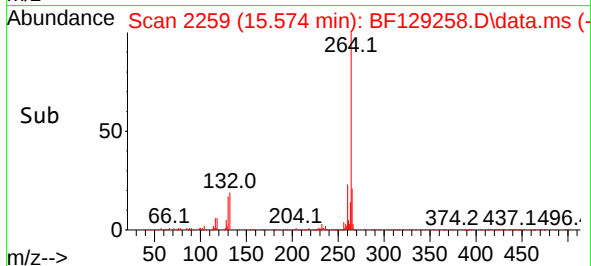
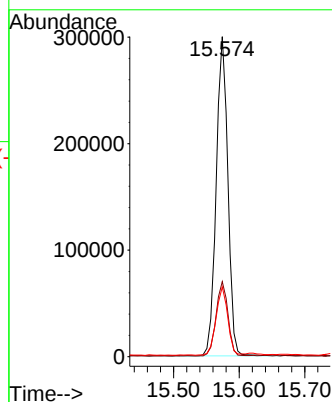
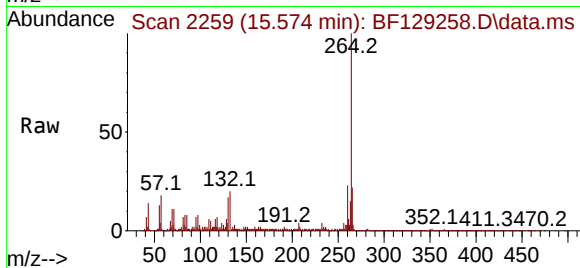
Tgt Ion:264 Resp: 369462

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.8 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.512 ng

RT: 17.074 min Scan# 2514

Delta R.T. -0.000 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

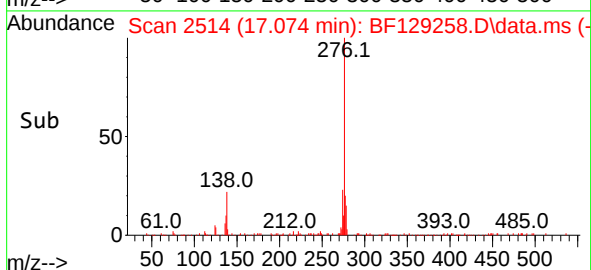
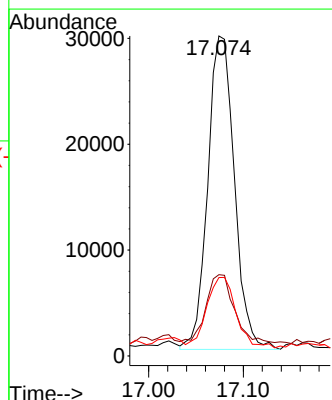
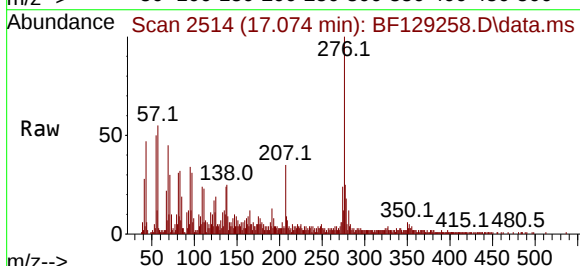
Tgt Ion:276 Resp: 57874

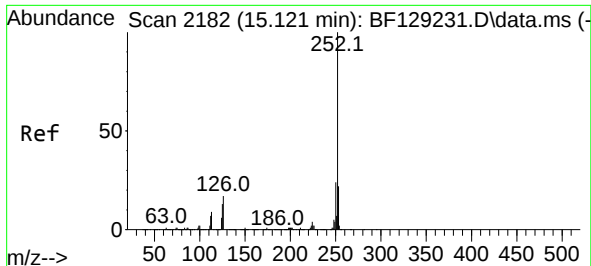
Ion Ratio Lower Upper

276 100

138 22.2 21.1 31.7

277 24.7 20.3 30.5

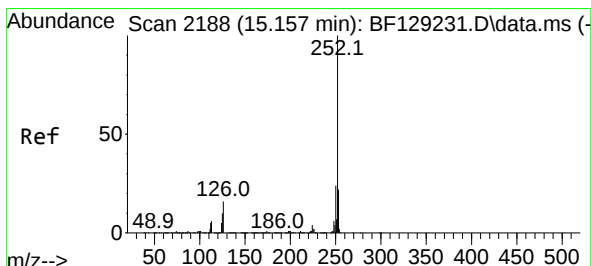
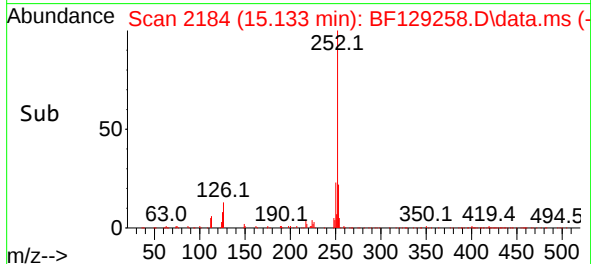
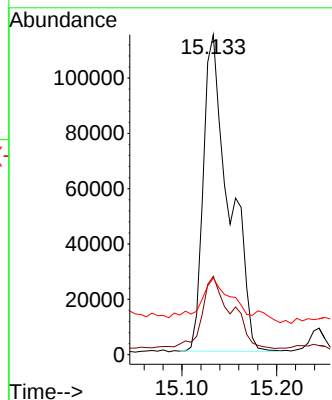
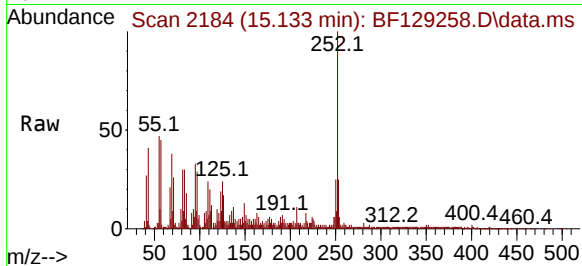




#88
Benzo(b)fluoranthene
Concen: 9.567 ng
RT: 15.133 min Scan# 2182
Delta R.T. 0.012 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

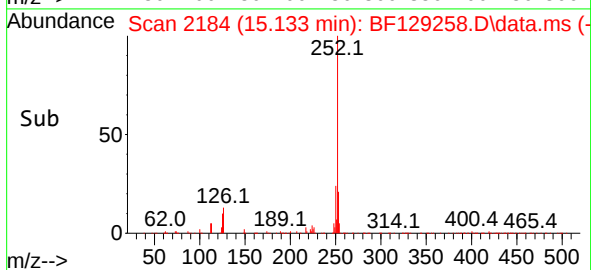
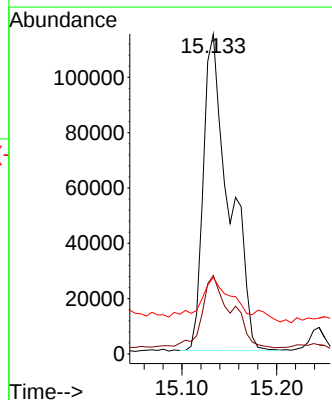
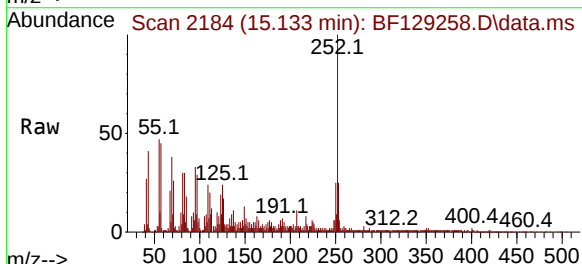
Instrument :
BNA_F
ClientSampleId :
VNJ-236

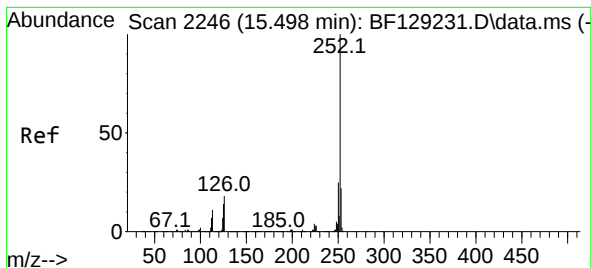
Tgt Ion:252 Resp: 217134
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 24.0 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 9.792 ng
RT: 15.133 min Scan# 2184
Delta R.T. -0.024 min
Lab File: BF129258.D
Acq: 16 Jul 2022 01:46

Tgt Ion:252 Resp: 217134
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.6
125 24.0 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 3.018 ng

RT: 15.504 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

Instrument :

BNA_F

ClientSampleId :

VNJ-236

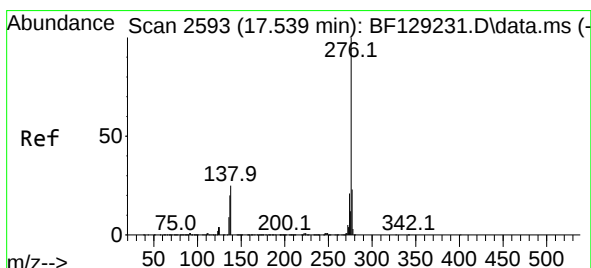
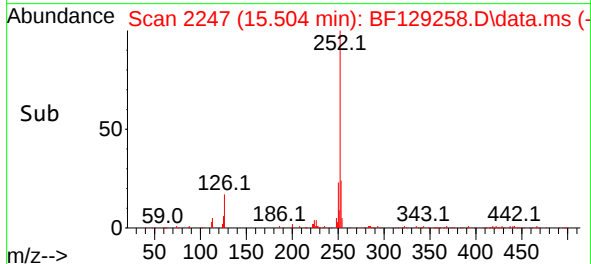
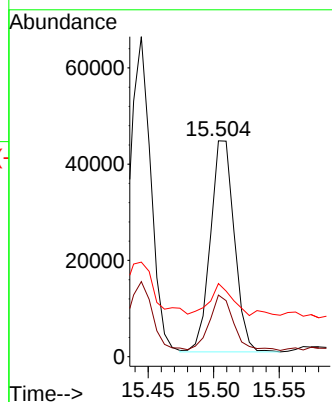
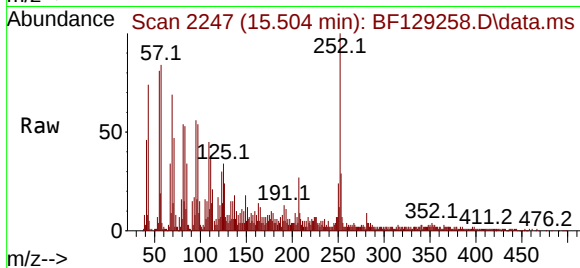
Tgt Ion:252 Resp: 55767

Ion Ratio Lower Upper

252 100

253 28.6 17.0 25.6#

125 33.9 8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 2.820 ng

RT: 17.539 min Scan# 2593

Delta R.T. 0.000 min

Lab File: BF129258.D

Acq: 16 Jul 2022 01:46

Tgt Ion:276 Resp: 53727

Ion Ratio Lower Upper

276 100

277 25.5 19.1 28.7

138 26.6 18.0 27.0

