

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132271.D
 Acq On : 01 Feb 2023 21:07
 Operator : CG\JU
 Sample : 01357-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-205

Quant Time: Feb 02 00:57:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

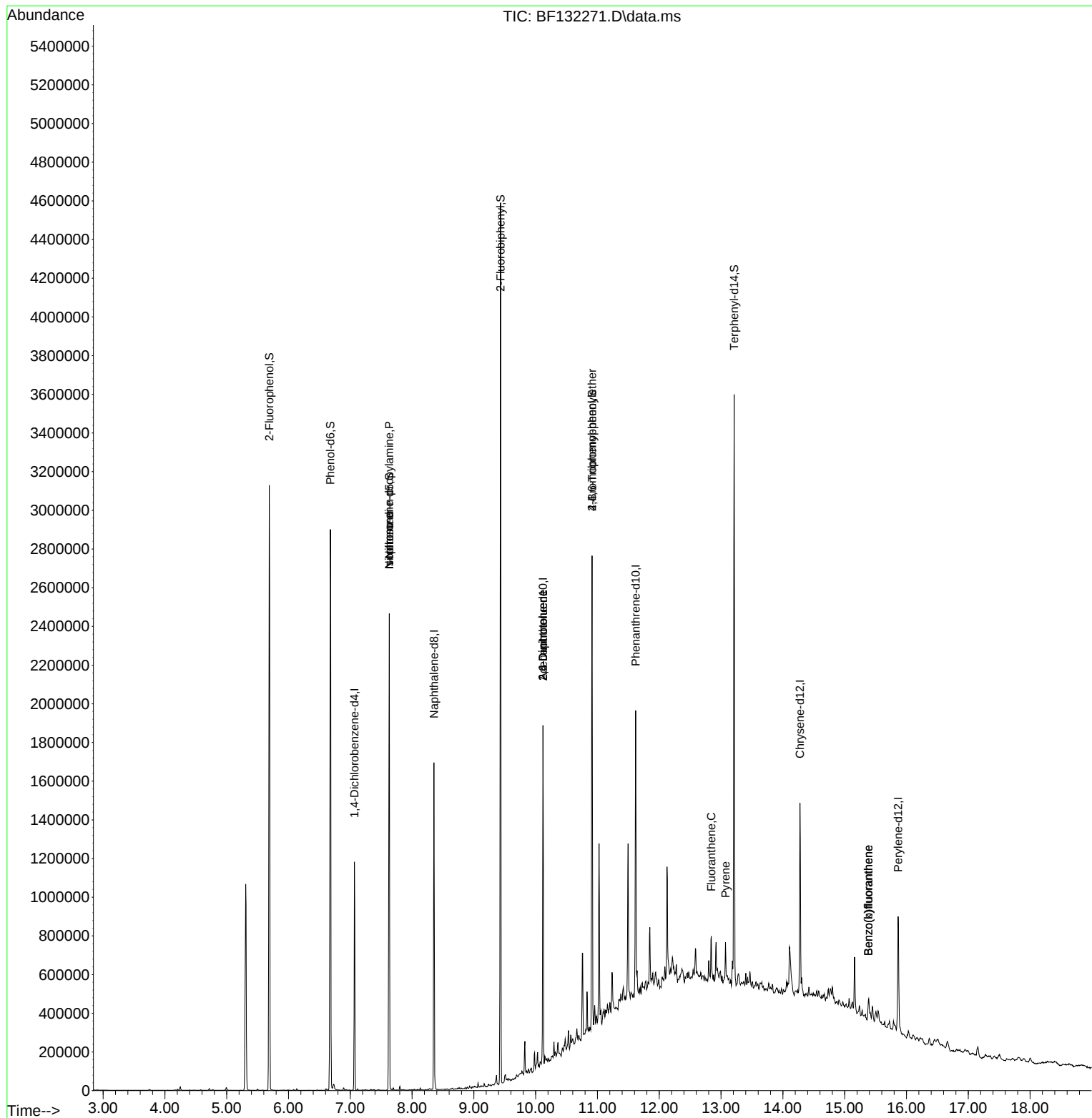
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	173213	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	655773	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	315201	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	481425	20.000	ng	0.00
76) Chrysene-d12	14.277	240	317246	20.000	ng	#-0.01
86) Perylene-d12	15.866	264	278723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1034396	95.991	ng	0.00
7) Phenol-d6	6.678	99	1256486	94.577	ng	0.00
23) Nitrobenzene-d5	7.631	82	777178	65.949	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	298902	92.214	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1281579	62.788	ng	0.00
79) Terphenyl-d14	13.213	244	1013873	61.821	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.619	77	636	Below Cal	#	65
19) n-Nitroso-di-n-propyla...	7.631	70	96337	12.766	ng	# 78
25) Isophorone	7.631	82	777160	34.746	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	42786	8.689	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	42786	6.689	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	17907	3.632	ng	# 1
75) Fluoranthene	12.842	202	69492	2.707	ng	98
78) Pyrene	13.072	202	74642	2.925	ng	99
88) Benzo(b)fluoranthene	15.383	252	57425	3.241	ng	# 87
89) Benzo(k)fluoranthene	15.383	252	57425	3.396	ng	# 87

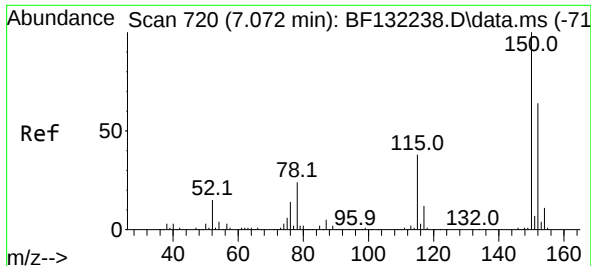
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

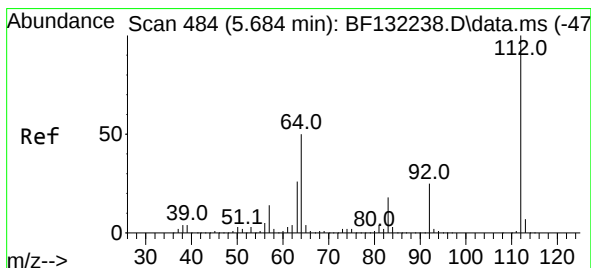
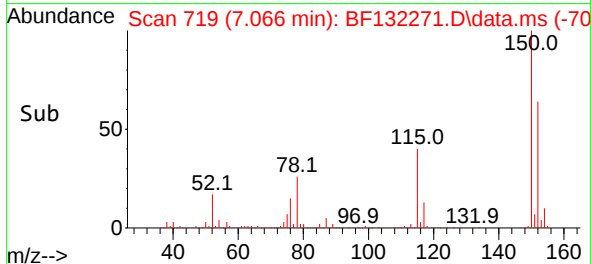
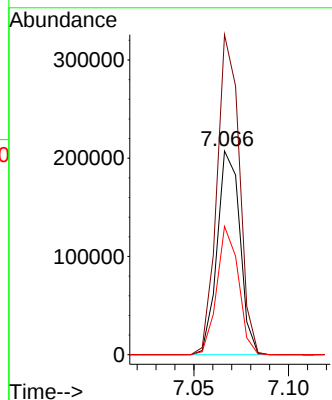
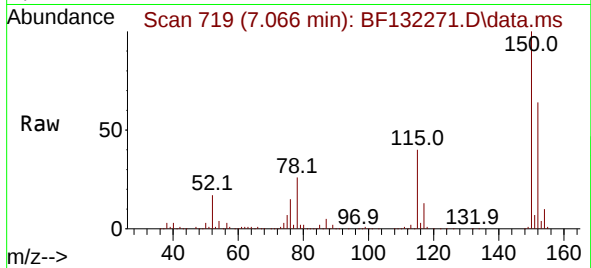




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

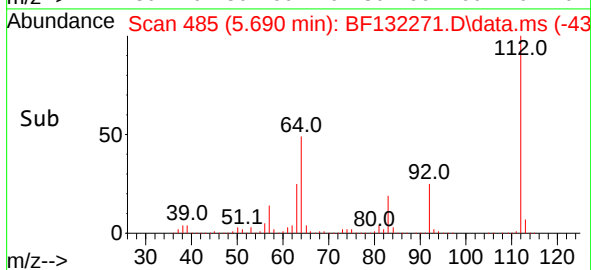
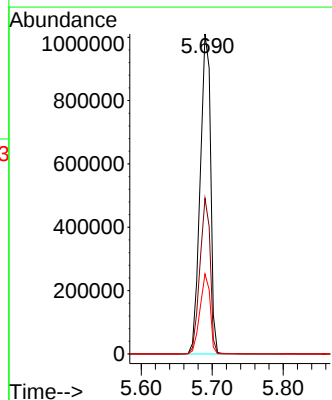
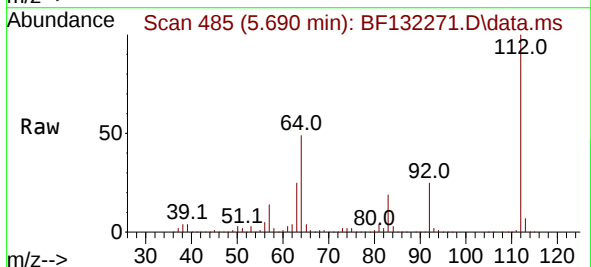
Instrument :
BNA_F
ClientSampleId :
VNJ-205

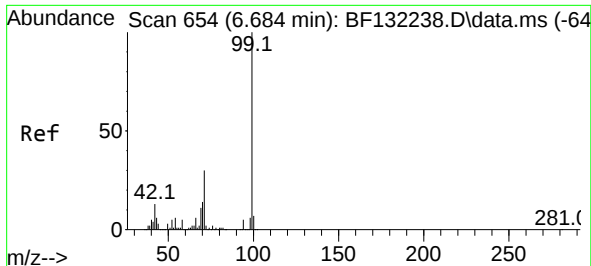
Tgt Ion:152 Resp: 173213
Ion Ratio Lower Upper
152 100
150 157.1 124.2 186.2
115 63.0 47.3 70.9



#5
2-Fluorophenol
Concen: 95.991 ng
RT: 5.690 min Scan# 485
Delta R.T. 0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

Tgt Ion:112 Resp: 1034396
Ion Ratio Lower Upper
112 100
64 48.7 40.0 60.0
63 25.0 20.5 30.7

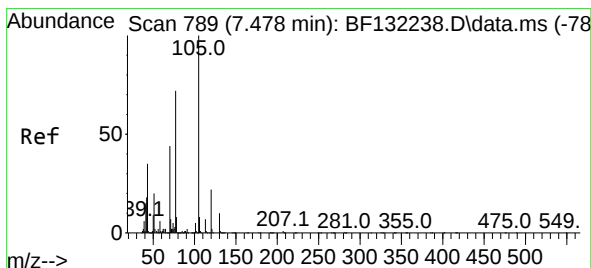
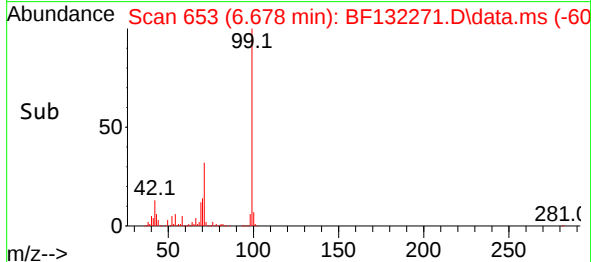
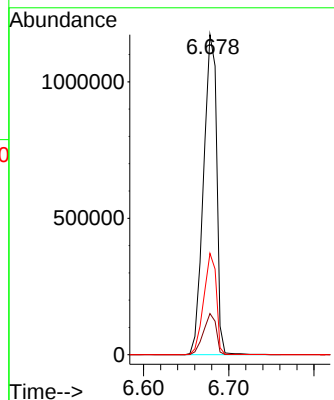
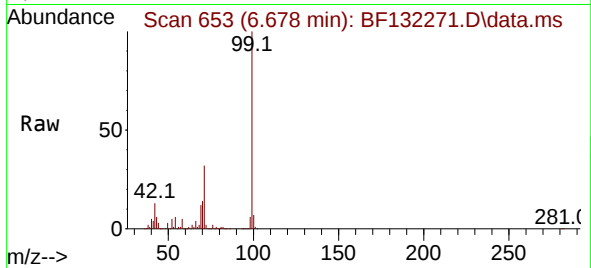




#7
Phenol-d6
Concen: 94.577 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

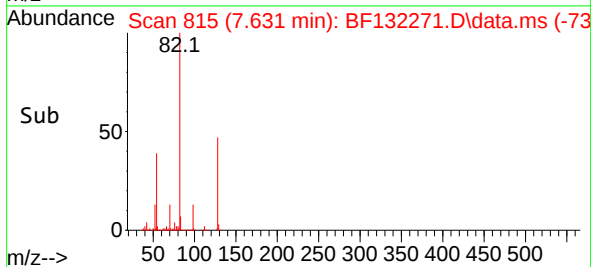
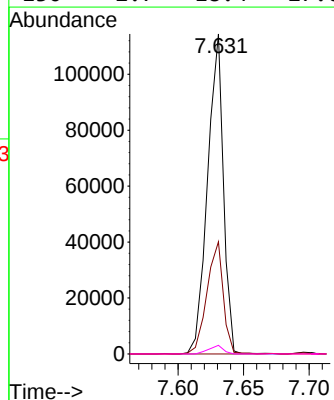
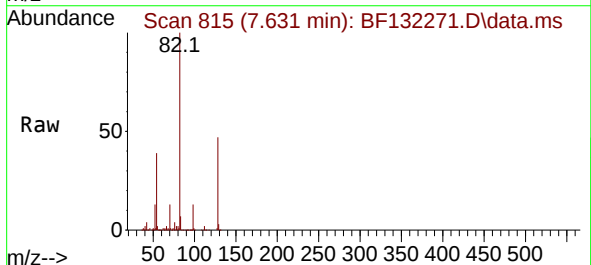
Instrument :
BNA_F
ClientSampleId :
VNJ-205

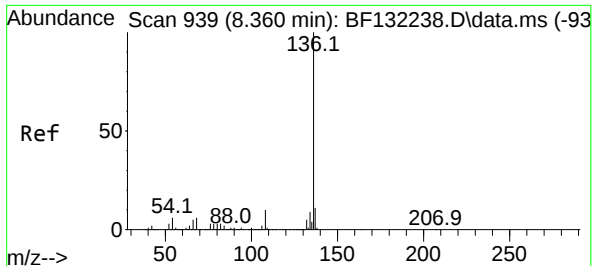
Tgt Ion: 99 Resp: 1256486
Ion Ratio Lower Upper
99 100
42 12.8 10.1 15.1
71 31.7 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.766 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

Tgt Ion: 70 Resp: 96337
Ion Ratio Lower Upper
70 100
42 35.0 33.4 50.0
101 0.0 8.2 12.4#
130 2.7 18.4 27.6#



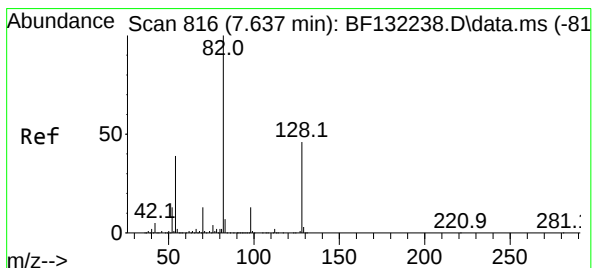
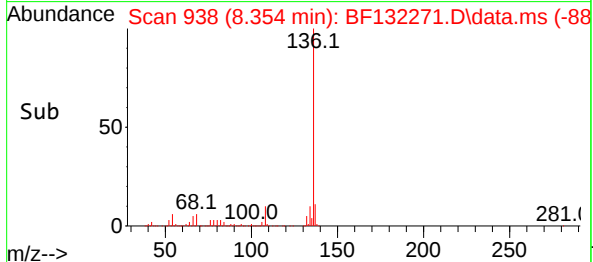
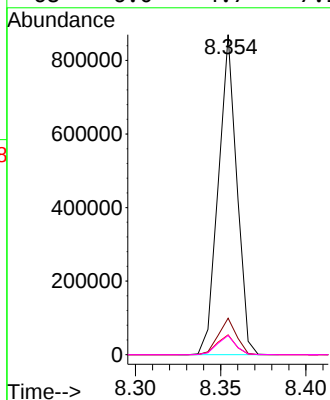
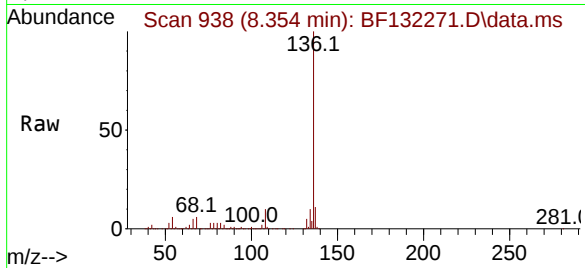


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

Instrument :
BNA_F
ClientSampleId :
VNJ-205

Tgt Ion:136 Resp: 655773

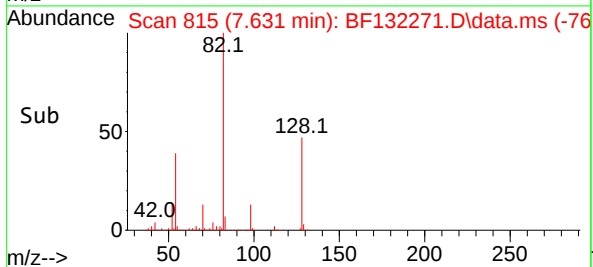
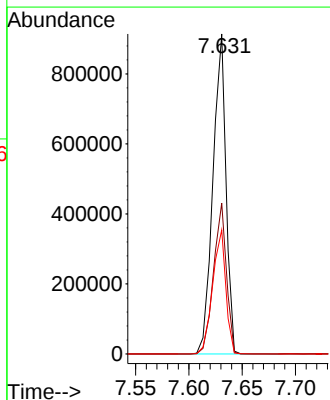
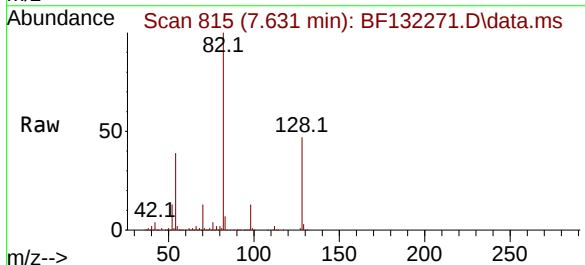
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.2	4.9	7.3
68	6.0	4.7	7.1

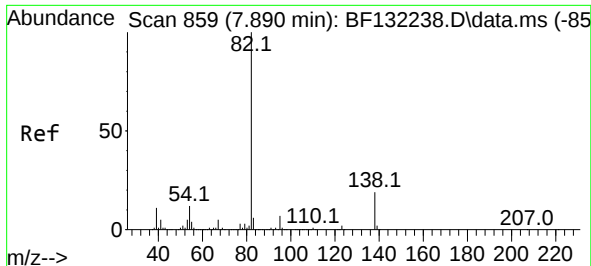


#23
Nitrobenzene-d5
Concen: 65.949 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

Tgt Ion: 82 Resp: 777178

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.0	55.4
54	38.7	31.5	47.3

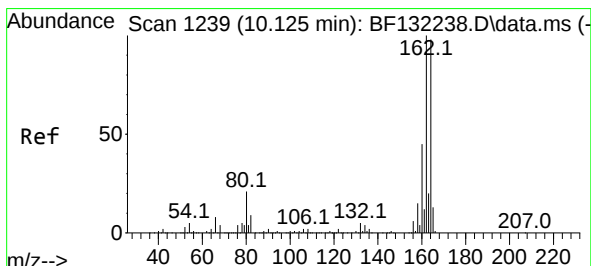
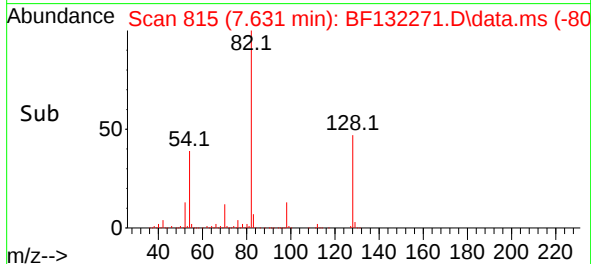
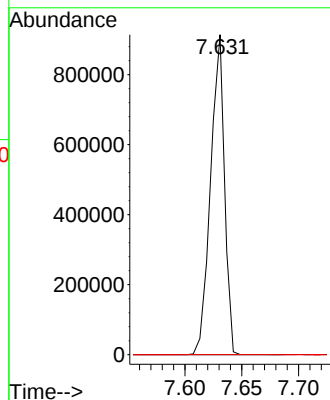
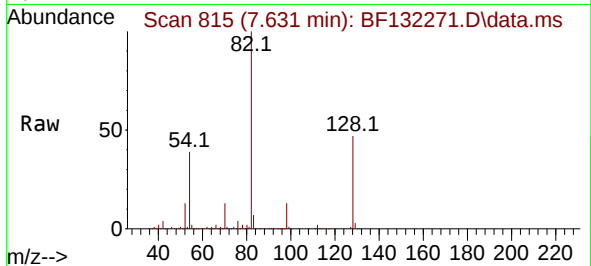




#25
Isophorone
Concen: 34.746 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

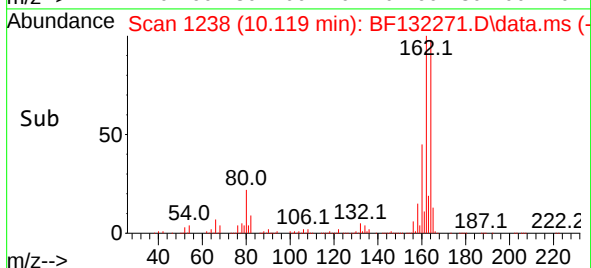
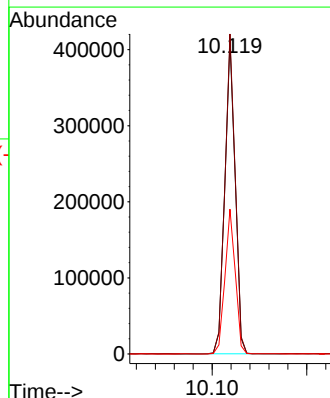
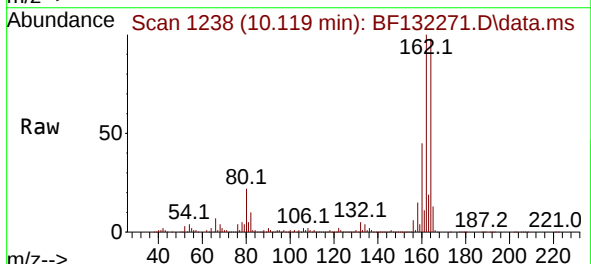
Instrument :
BNA_F
ClientSampleId :
VNJ-205

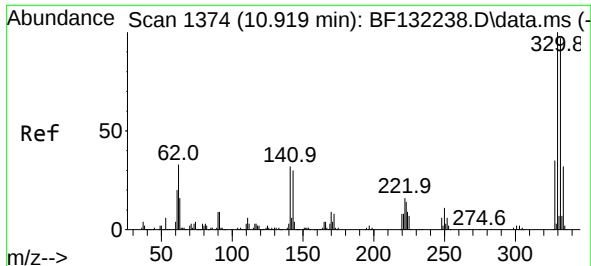
Tgt Ion: 82 Resp: 777160
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

Tgt Ion: 164 Resp: 315201
Ion Ratio Lower Upper
164 100
162 102.1 82.0 123.0
160 46.2 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 92.214 ng

RT: 10.913 min Scan# 111

Delta R.T. -0.006 min

Lab File: BF132271.D

Acq: 01 Feb 2023 21:07

Instrument :

BNA_F

ClientSampleId :

VNJ-205

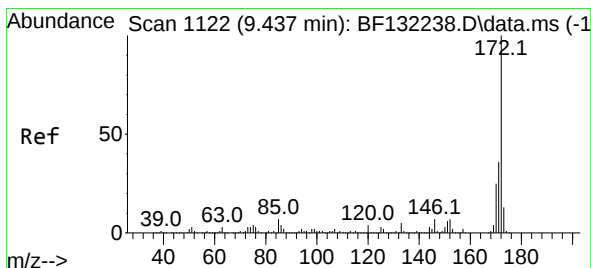
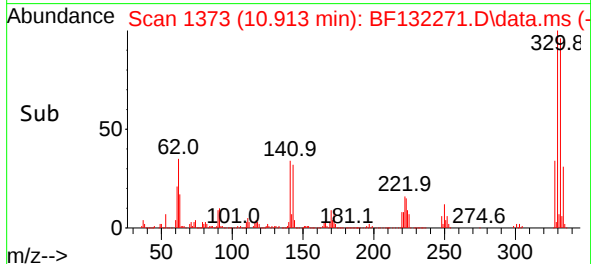
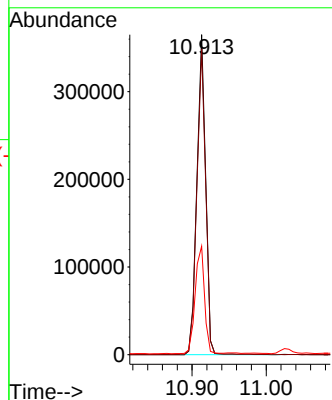
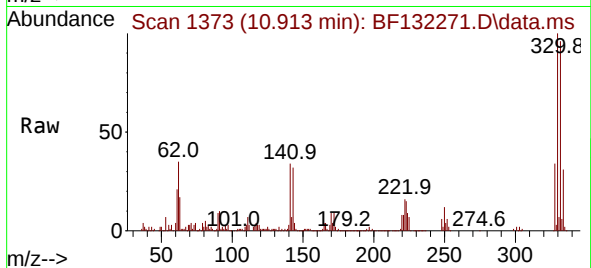
Tgt Ion:330 Resp: 298902

Ion Ratio Lower Upper

330 100

332 95.9 77.9 116.9

141 35.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 62.788 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132271.D

Acq: 01 Feb 2023 21:07

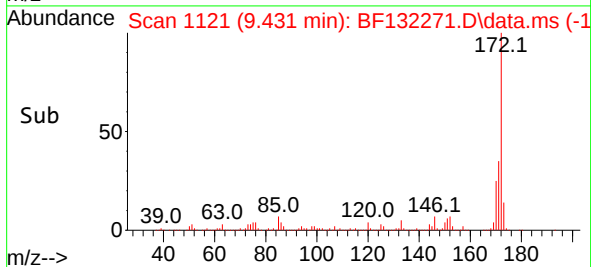
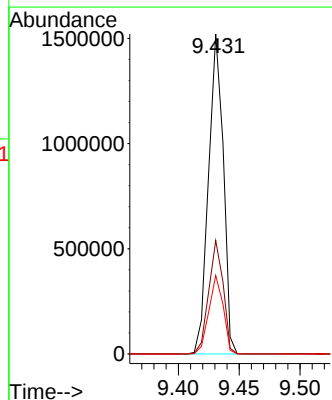
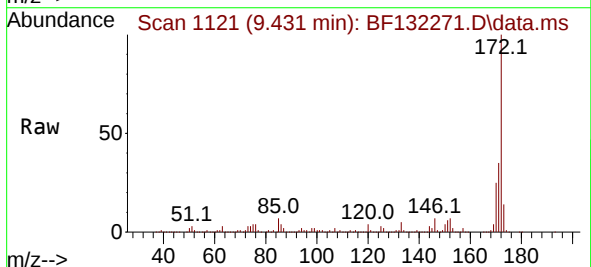
Tgt Ion:172 Resp: 1281579

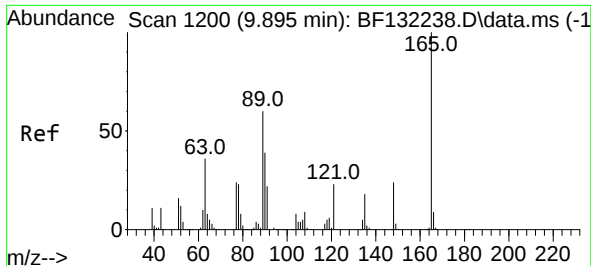
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 24.6 19.7 29.5

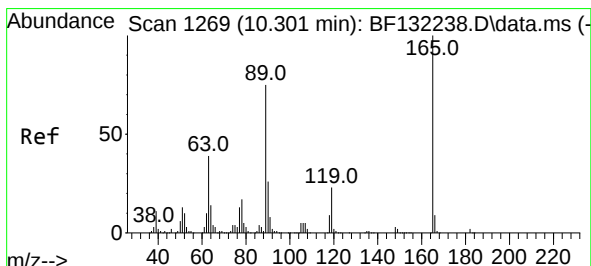
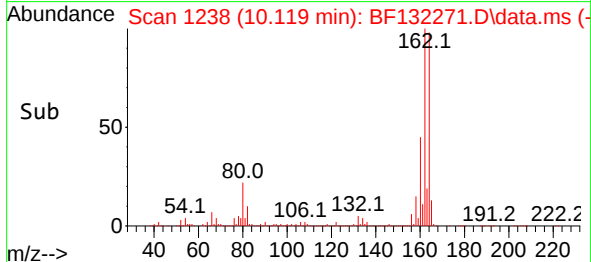
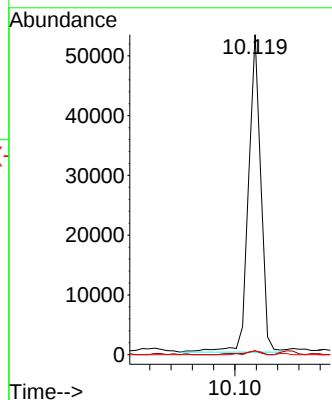
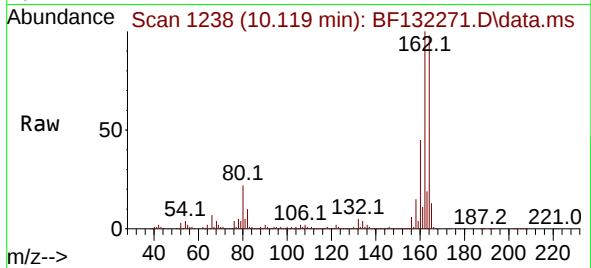




#51
2,6-Dinitrotoluene
Concen: 8.689 ng
RT: 10.119 min Scan# 1200
Delta R.T. 0.224 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

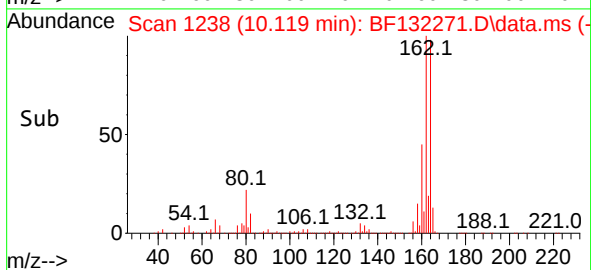
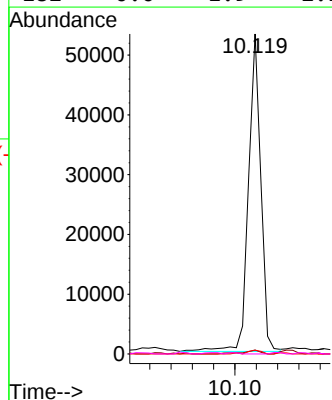
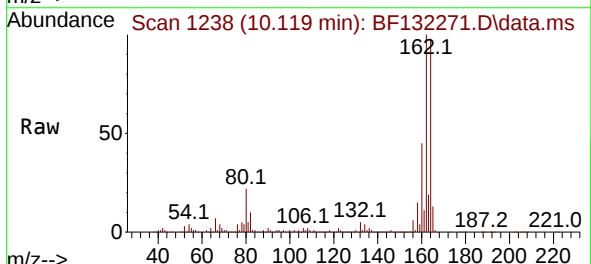
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VNJ-205

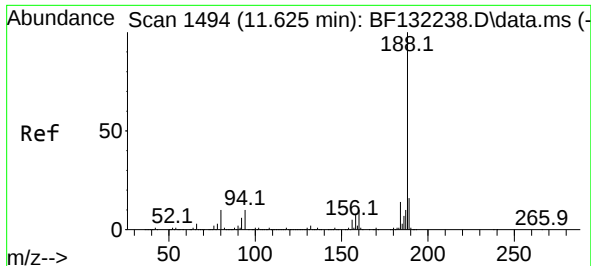
Tgt Ion:165 Resp: 42786
Ion Ratio Lower Upper
165 100
63 1.2 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.689 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.182 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

Tgt Ion:165 Resp: 42786
Ion Ratio Lower Upper
165 100
63 1.2 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#

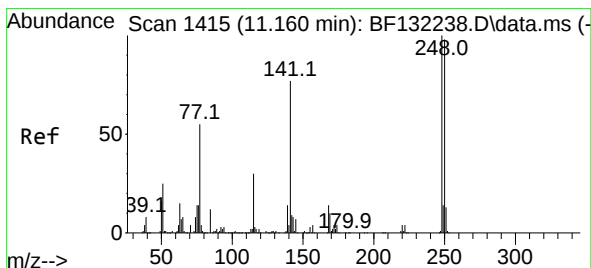
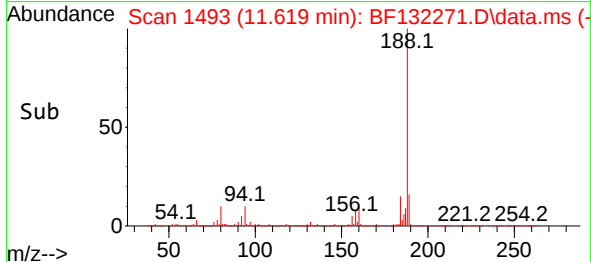
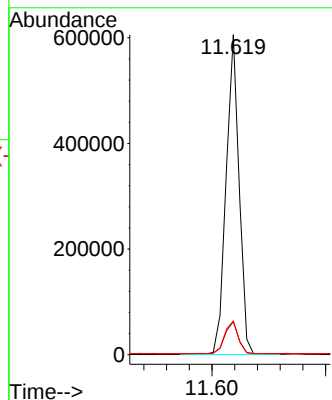
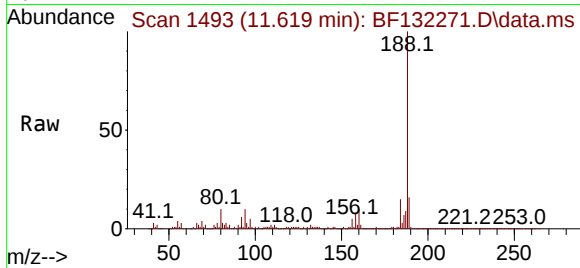




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

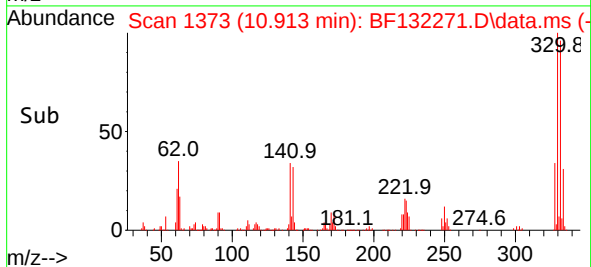
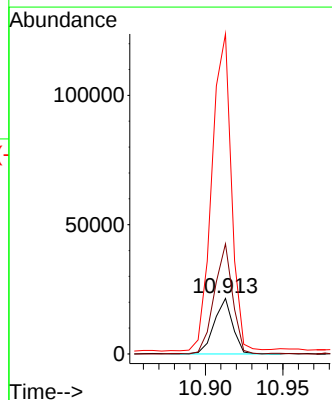
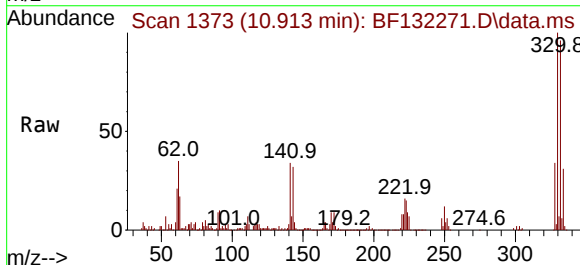
Instrument :
BNA_F
ClientSampleId :
VNJ-205

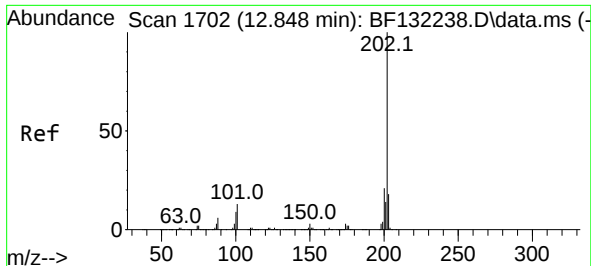
Tgt Ion:188 Resp: 481425
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.5 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.632 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.247 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

Tgt Ion:248 Resp: 17907
Ion Ratio Lower Upper
248 100
250 198.1 78.6 117.8#
141 575.9 61.6 92.4#

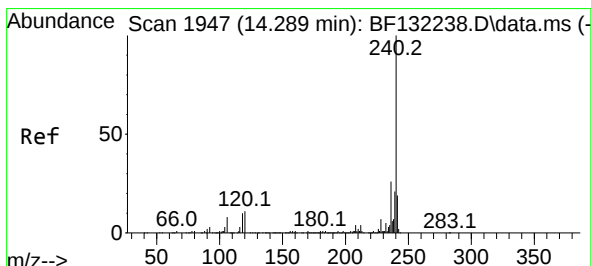
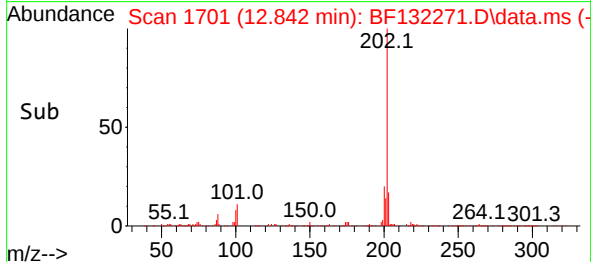
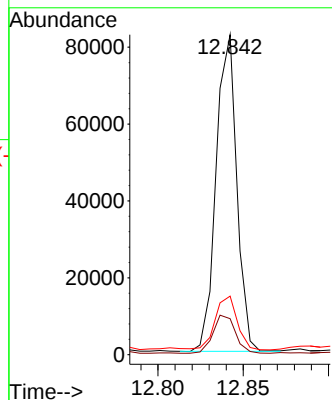
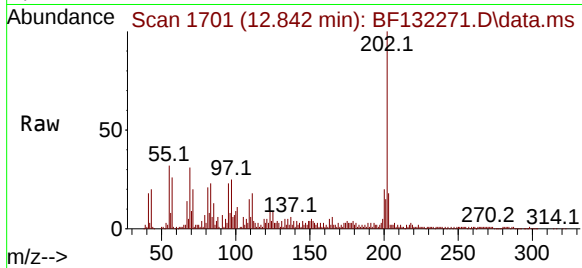




#75
Fluoranthene
Concen: 2.707 ng
RT: 12.842 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

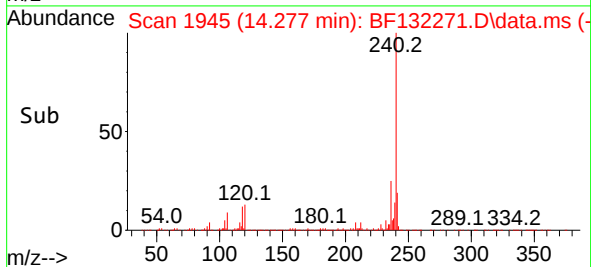
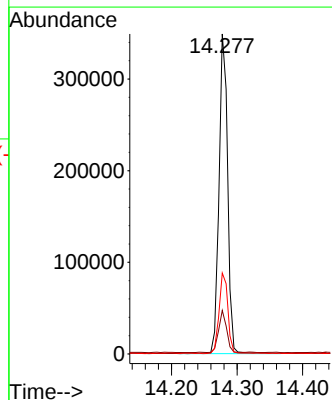
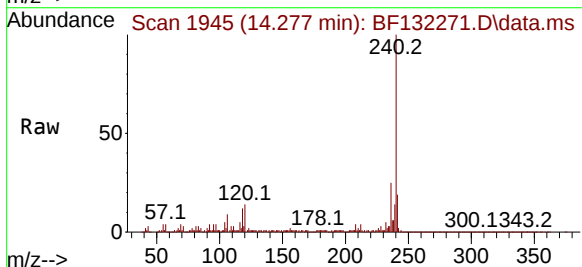
Instrument :
BNA_F
ClientSampleId :
VNJ-205

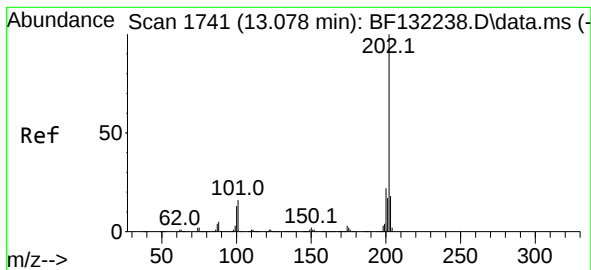
Tgt Ion:	202	Resp:	69492
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	32.7
203	18.3	0.0	37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132271.D
Acq: 01 Feb 2023 21:07

Tgt Ion:	240	Resp:	317246
Ion Ratio	Lower	Upper	
240	100		
120	13.6	8.8	13.2
236	25.3	21.0	31.6





#78

Pyrene

Concen: 2.925 ng

RT: 13.072 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132271.D

Acq: 01 Feb 2023 21:07

Instrument :

BNA_F

ClientSampleId :

VNJ-205

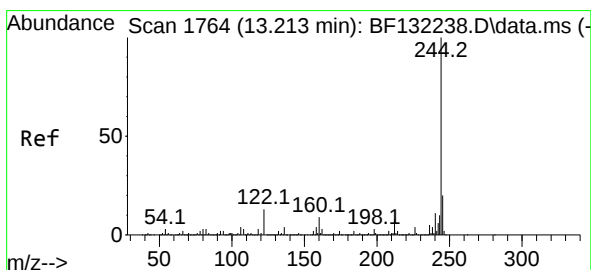
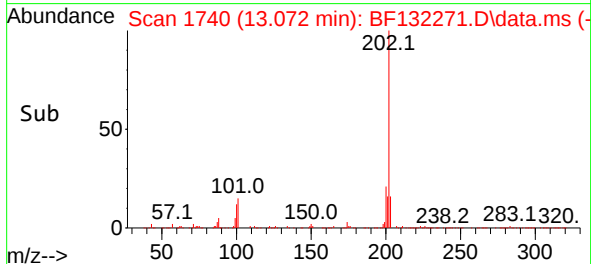
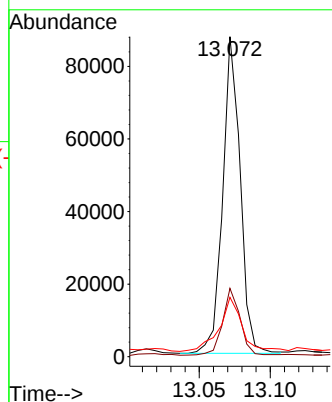
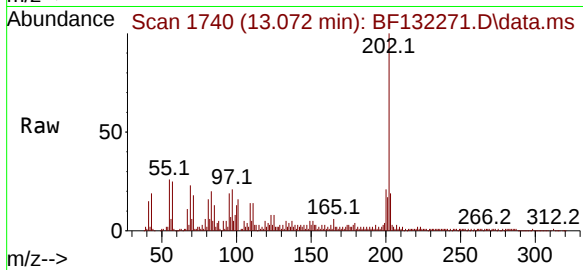
Tgt Ion:202 Resp: 74642

Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

203 18.5 14.4 21.6



#79

Terphenyl-d14

Concen: 61.821 ng

RT: 13.213 min Scan# 1764

Delta R.T. -0.000 min

Lab File: BF132271.D

Acq: 01 Feb 2023 21:07

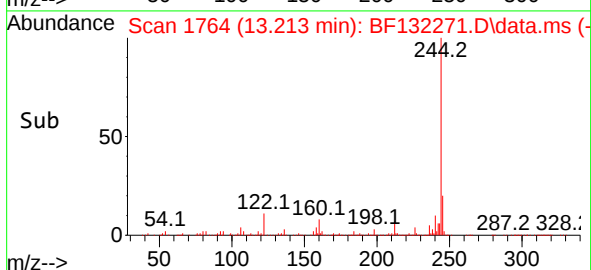
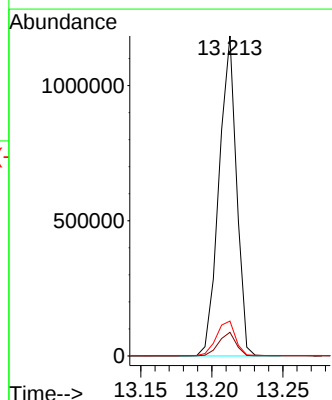
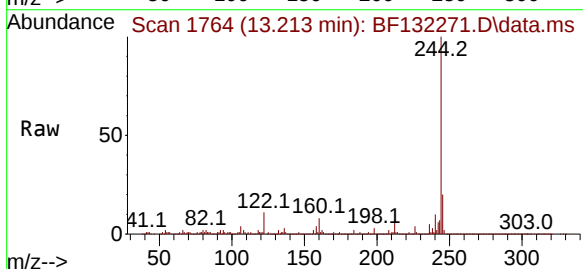
Tgt Ion:244 Resp: 1013873

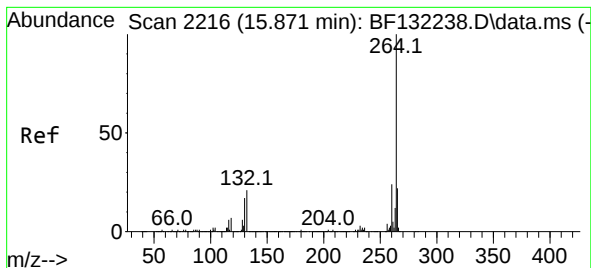
Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

122 10.9 10.5 15.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.866 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132271.D

Acq: 01 Feb 2023 21:07

Instrument :

BNA_F

ClientSampleId :

VNJ-205

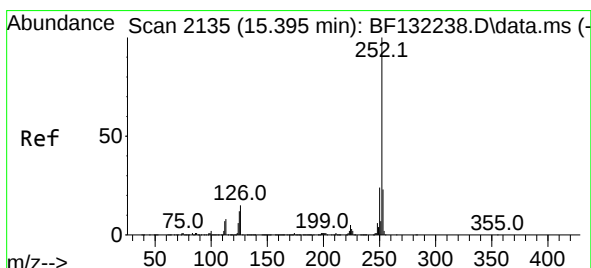
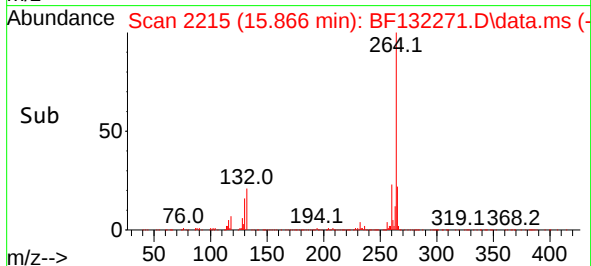
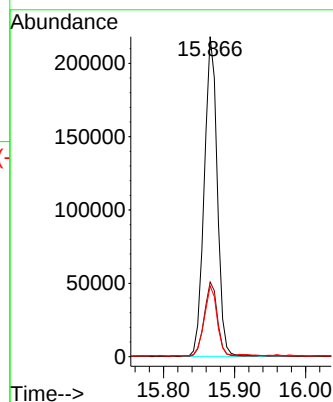
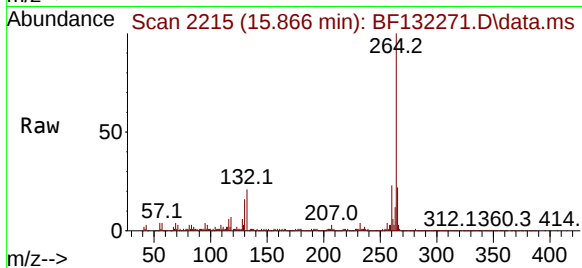
Tgt Ion:264 Resp: 278723

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 22.1 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 3.241 ng

RT: 15.383 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BF132271.D

Acq: 01 Feb 2023 21:07

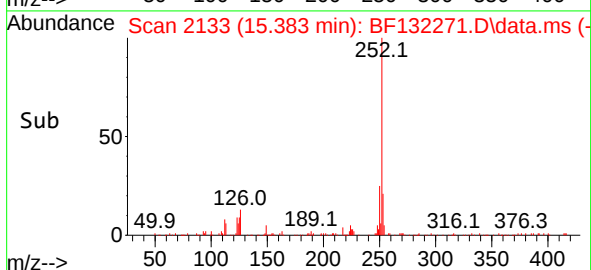
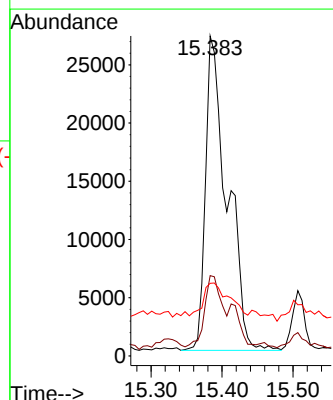
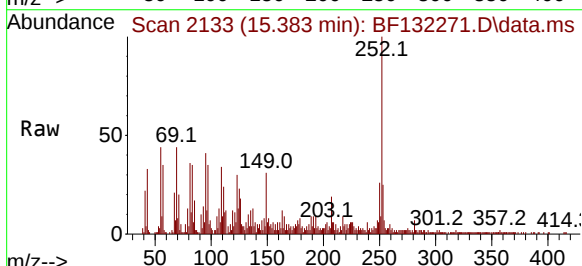
Tgt Ion:252 Resp: 57425

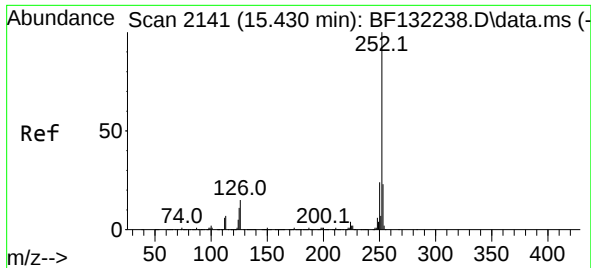
Ion Ratio Lower Upper

252 100

253 25.1 18.1 27.1

125 22.7 9.6 14.4#





#89

Benzo(k)fluoranthene

Concen: 3.396 ng

RT: 15.383 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF132271.D

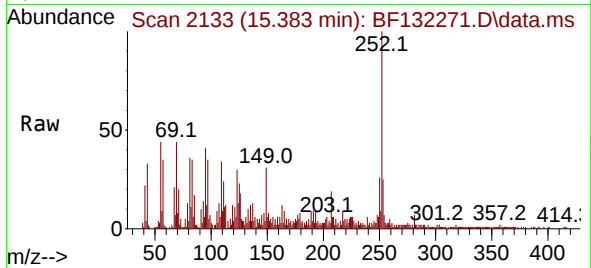
Acq: 01 Feb 2023 21:07

Instrument :

BNA_F

ClientSampleId :

VNJ-205



Tgt Ion:252 Resp: 57425

Ion Ratio Lower Upper

252 100

253 25.1 18.2 27.2

125 22.7 9.0 13.6#

