

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138042.D
 Acq On : 28 May 2024 12:42
 Operator : CG\JU
 Sample : P2612-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-203

Quant Time: May 28 13:06:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

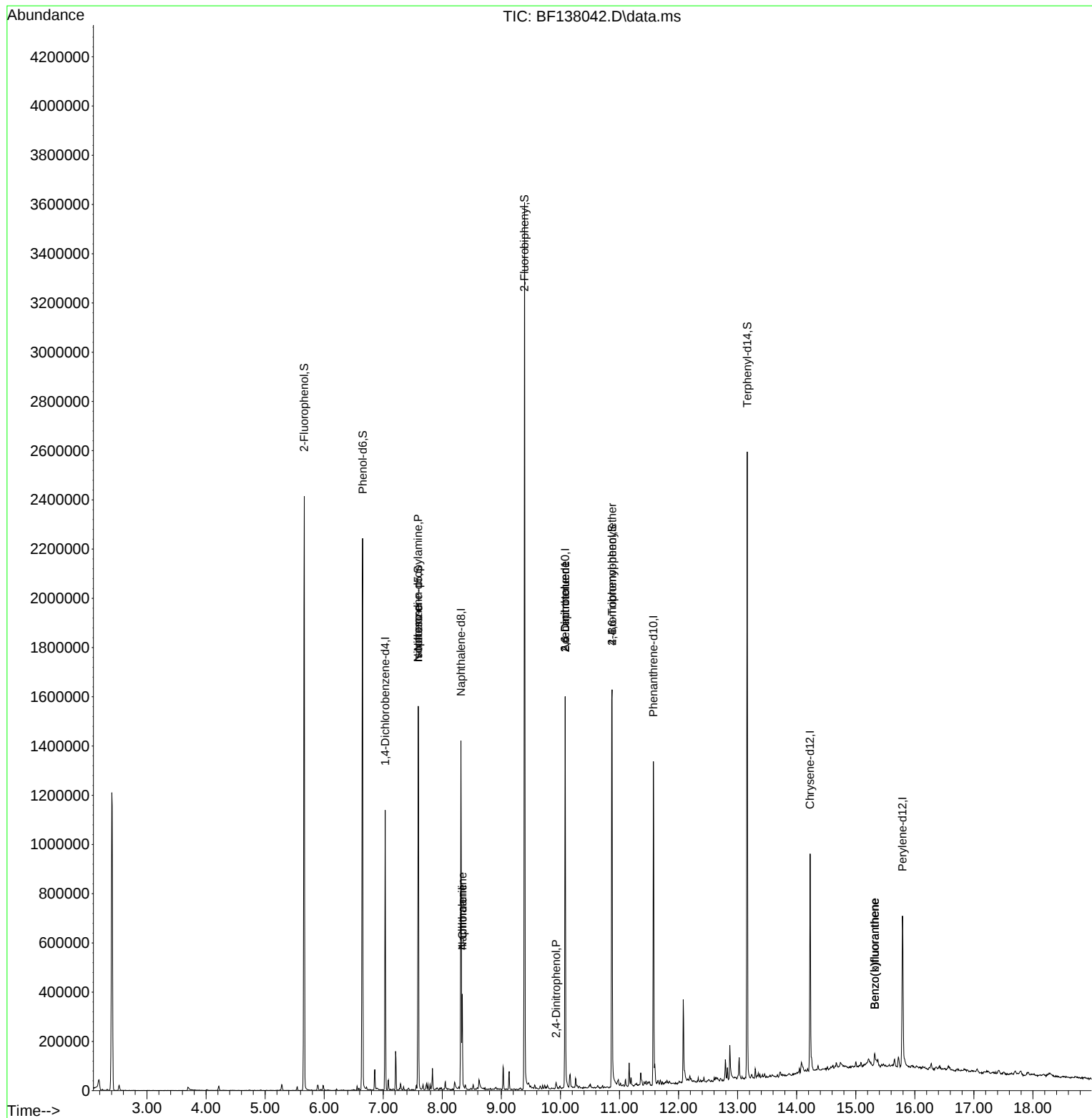
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	153559	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	595469	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	323029	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	497349	20.000	ng	0.00
76) Chrysene-d12	14.227	240	287667	20.000	ng	0.00
86) Perylene-d12	15.792	264	306770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	679354	75.149	ng	0.00
7) Phenol-d6	6.651	99	842073	75.618	ng	0.00
23) Nitrobenzene-d5	7.592	82	499442	49.360	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	241701	74.207	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1072457	51.141	ng	0.00
79) Terphenyl-d14	13.163	244	868815	44.512	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.592	70	65951	10.541	ng	# 75
25) Isophorone	7.592	82	499431	28.440	ng	# 64
31) Naphthalene	8.339	128	156186	5.217	ng	100
33) 4-Chloroaniline	8.339	127	20232	2.061	ng	# 33
51) 2,6-Dinitrotoluene	10.080	165	42246	9.087	ng	# 30
54) 2,4-Dinitrophenol	9.927	184	808	7.261	ng	# 25
57) 2,4-Dinitrotoluene	10.080	165	42366	7.049	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	14950	2.742	ng	# 1
88) Benzo(b)fluoranthene	15.321	252	39084	2.200	ng	# 94
89) Benzo(k)fluoranthene	15.321	252	39084	2.240	ng	# 93

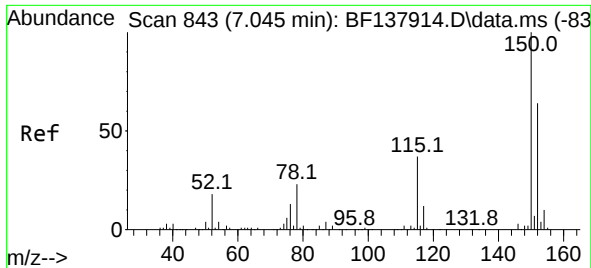
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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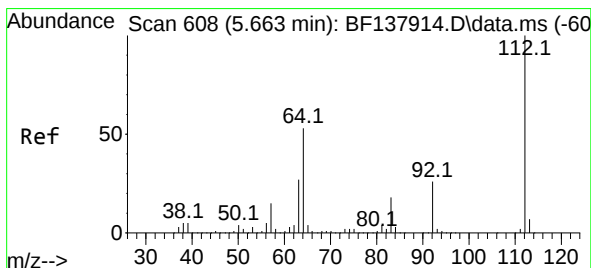
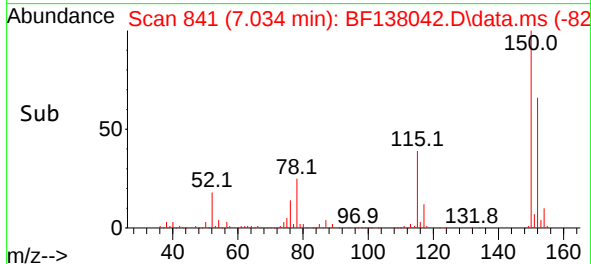
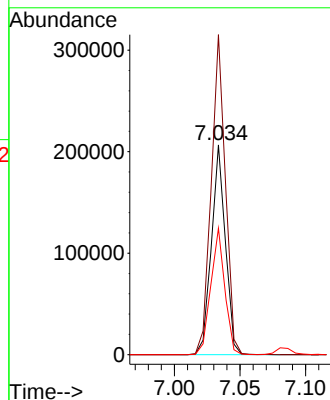
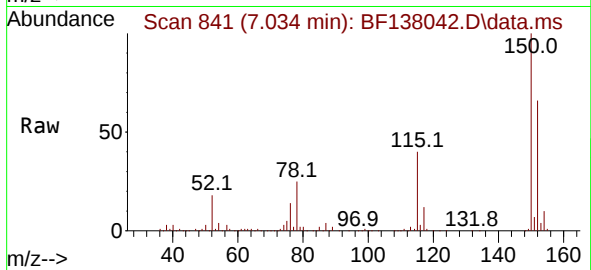




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 841
 Delta R.T. -0.011 min
 Lab File: BF138042.D
 Acq: 28 May 2024 12:42

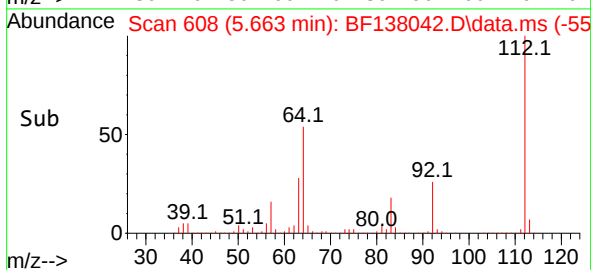
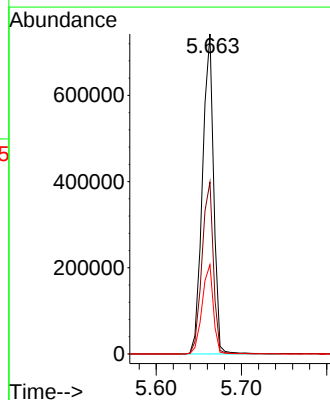
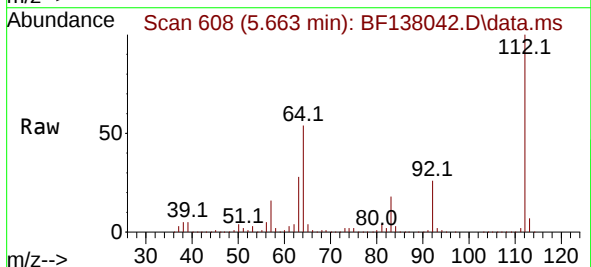
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-203

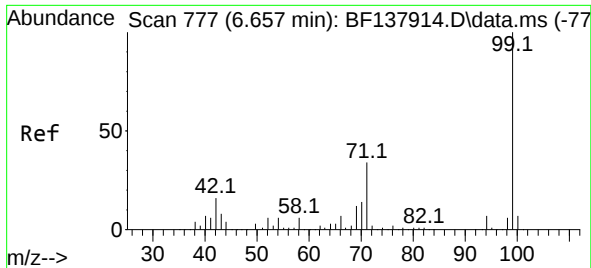
Tgt Ion:152 Resp: 153559
 Ion Ratio Lower Upper
 152 100
 150 152.6 125.7 188.5
 115 60.3 47.0 70.6



#5
 2-Fluorophenol
 Concen: 75.149 ng
 RT: 5.663 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: BF138042.D
 Acq: 28 May 2024 12:42

Tgt Ion:112 Resp: 679354
 Ion Ratio Lower Upper
 112 100
 64 53.7 42.4 63.6
 63 27.9 21.4 32.2

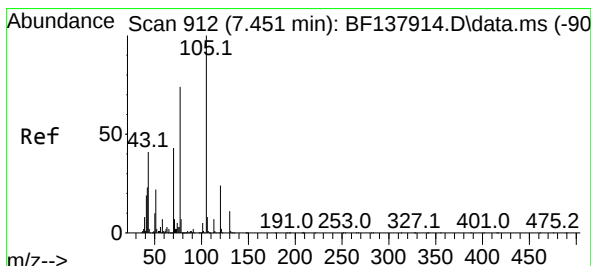
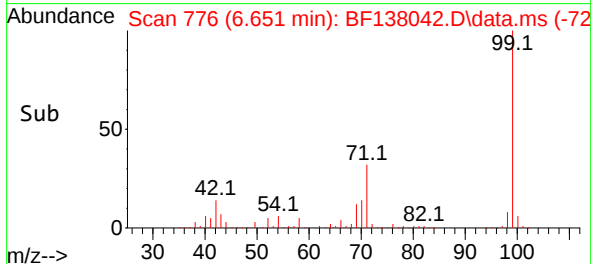
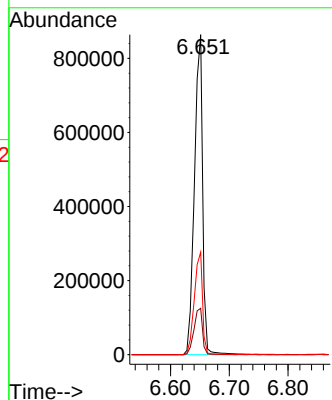
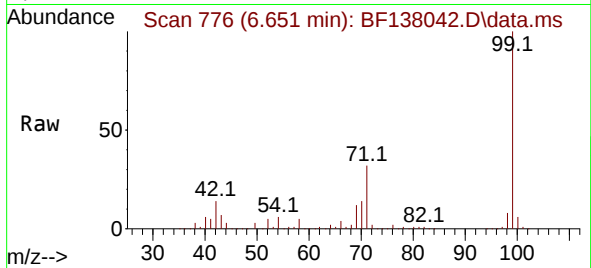




#7
Phenol-d6
Concen: 75.618 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

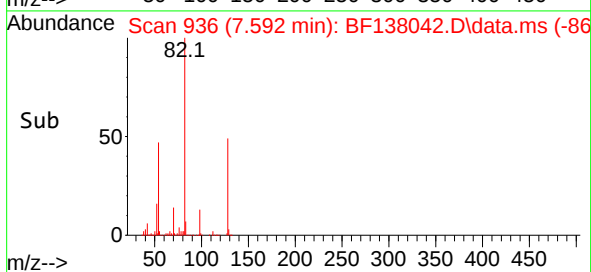
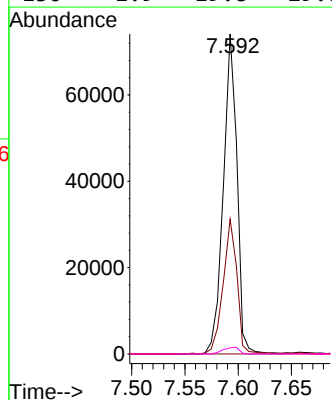
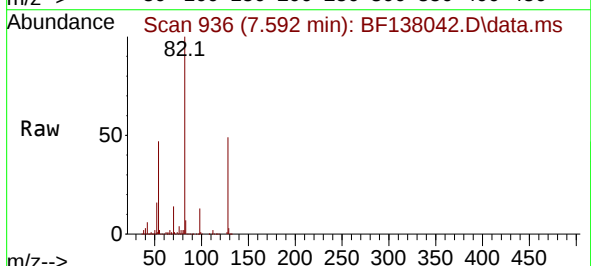
Instrument :
BNA_F
ClientSampleId :
VNJ-203

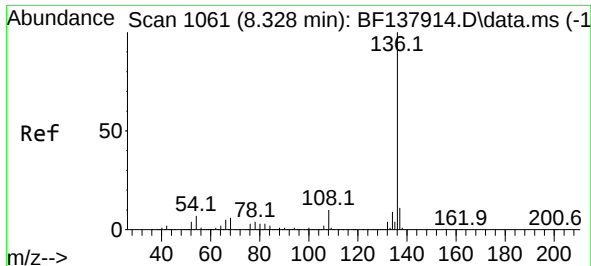
Tgt Ion: 99 Resp: 842073
Ion Ratio Lower Upper
99 100
42 14.5 12.6 18.8
71 32.0 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.541 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Tgt Ion: 70 Resp: 65951
Ion Ratio Lower Upper
70 100
42 42.1 42.2 63.4#
101 0.0 8.8 13.2#
130 1.9 19.8 29.8#



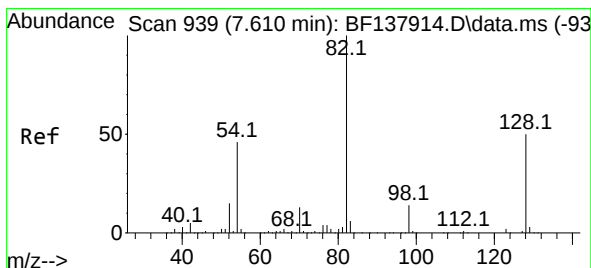
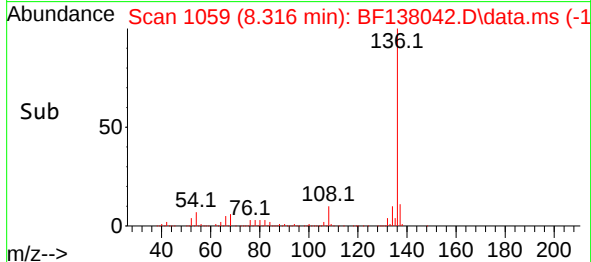
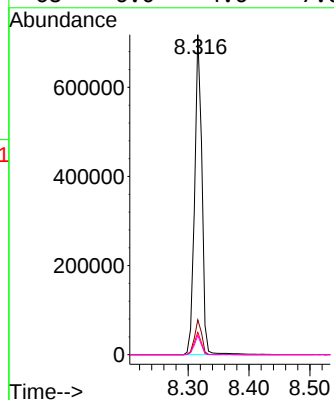
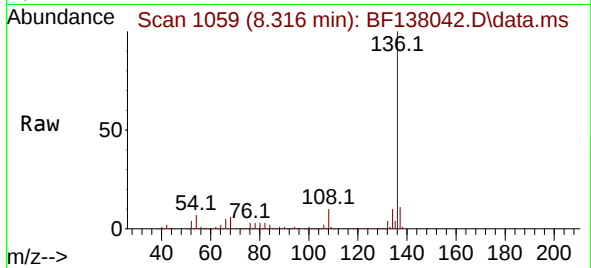


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Tgt Ion:136 Resp: 595469

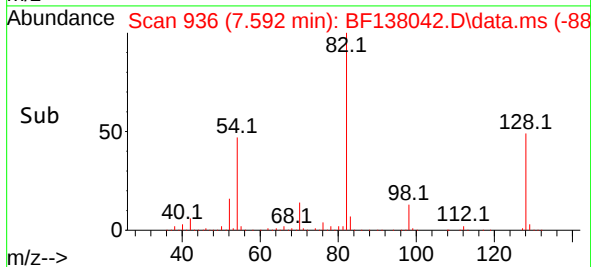
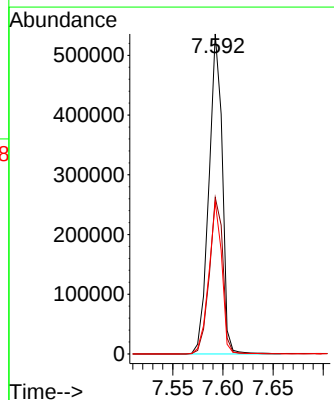
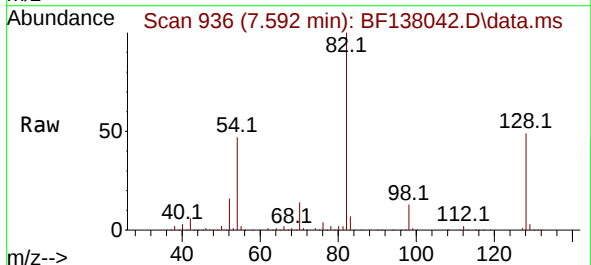
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.0	5.4	8.2
68	6.0	4.6	7.0

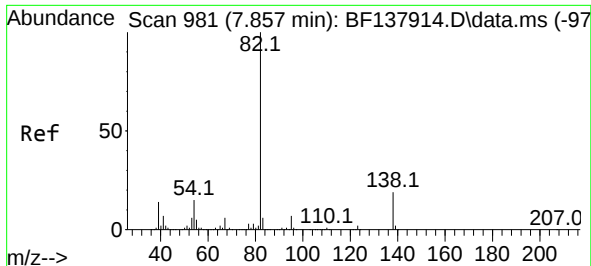


#23
Nitrobenzene-d5
Concen: 49.360 ng
RT: 7.592 min Scan# 936
Delta R.T. -0.018 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Tgt Ion: 82 Resp: 499442

Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.3	60.5
54	47.5	36.8	55.2

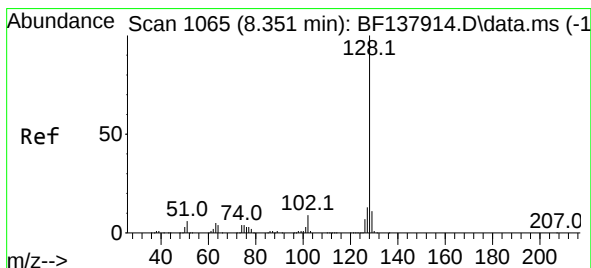
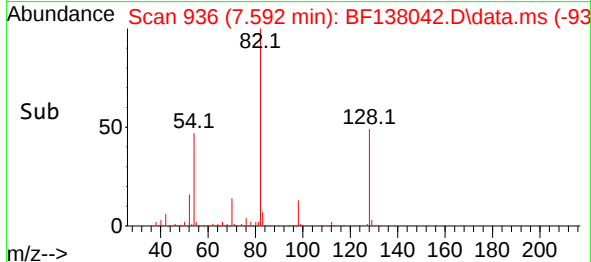
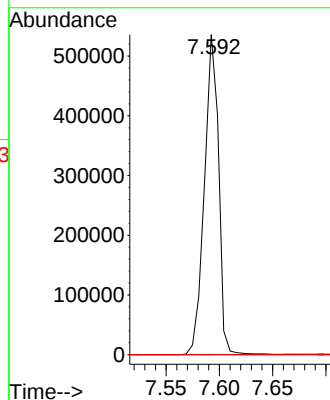
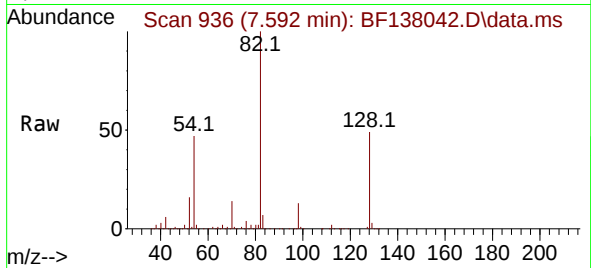




#25
Isophorone
Concen: 28.440 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

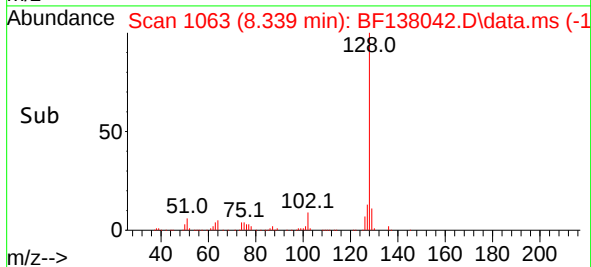
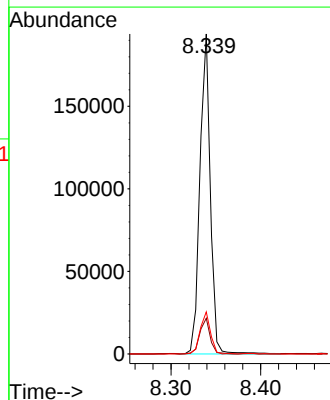
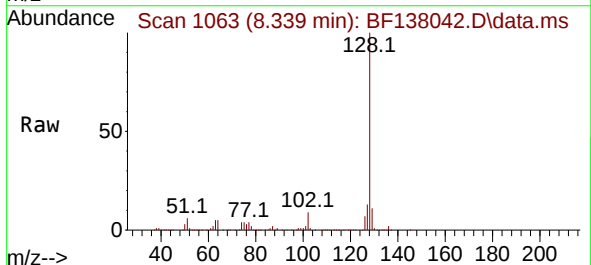
Instrument :
BNA_F
ClientSampleId :
VNJ-203

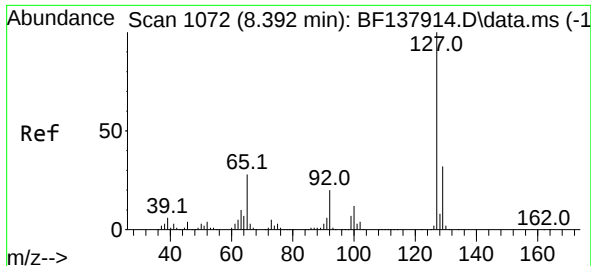
Tgt Ion: 82 Resp: 499431
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#31
Naphthalene
Concen: 5.217 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Tgt Ion: 128 Resp: 156186
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.6 16.0

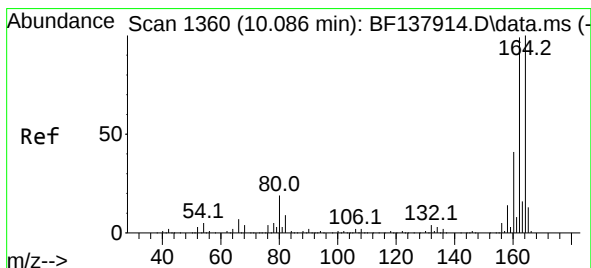
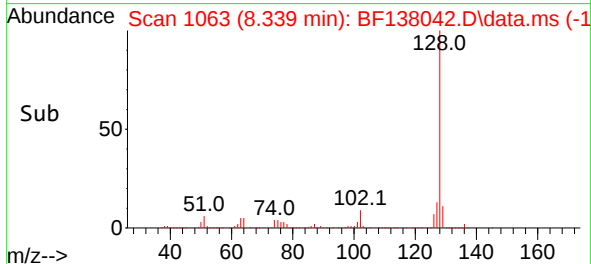
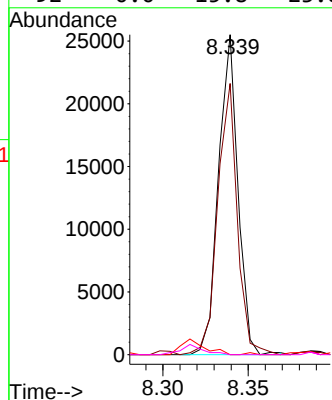
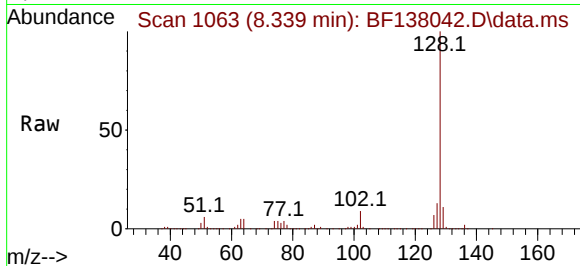




#33
4-Chloroaniline
Concen: 2.061 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.053 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

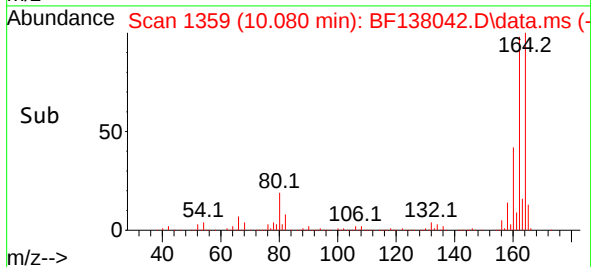
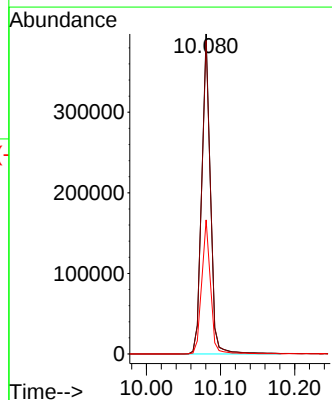
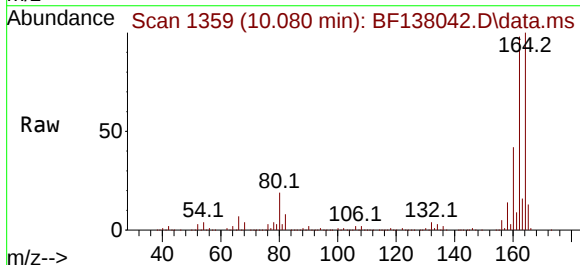
Instrument :
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ClientSampleId :
VNJ-203

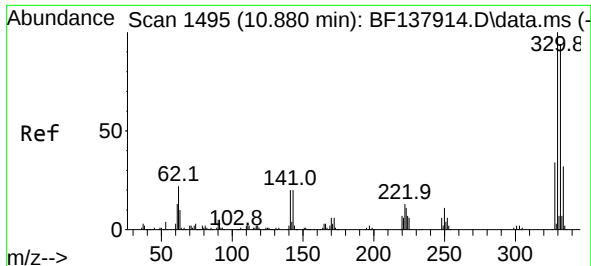
Tgt Ion:	127	Resp:	20232
Ion	Ratio	Lower	Upper
127	100		
129	84.8	25.4	38.2#
65	0.0	22.0	33.0#
92	0.0	15.8	23.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Tgt Ion:	164	Resp:	323029
Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.4	119.2
160	41.9	33.1	49.7

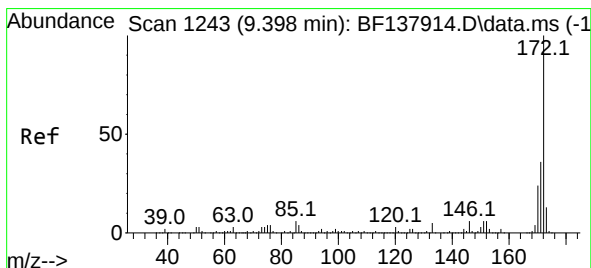
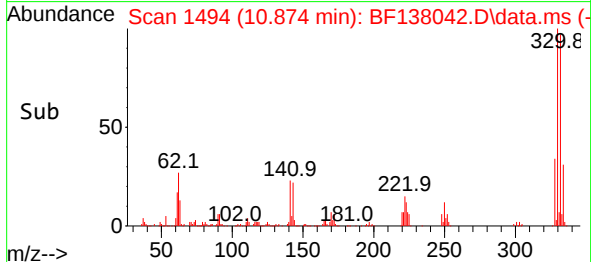
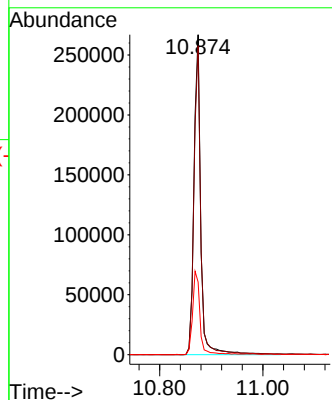
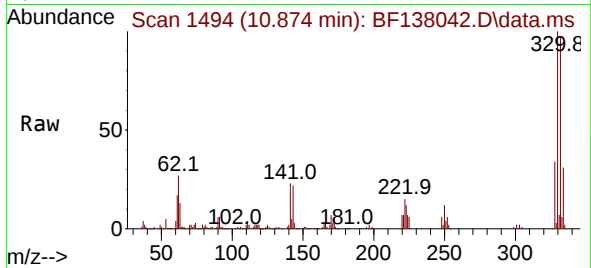




#42
2,4,6-Tribromophenol
Concen: 74.207 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

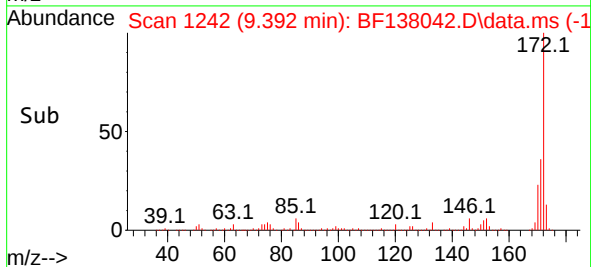
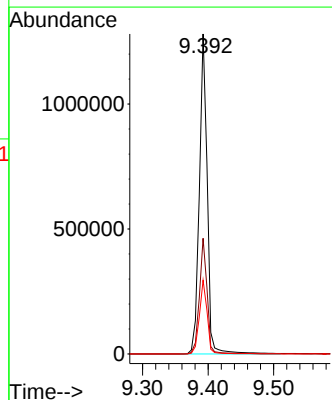
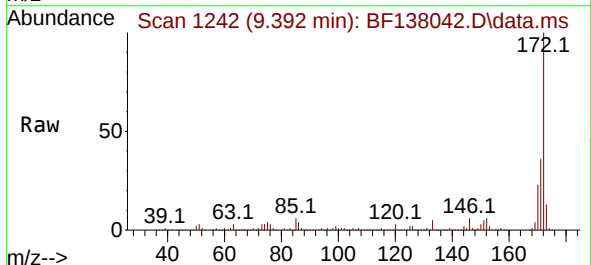
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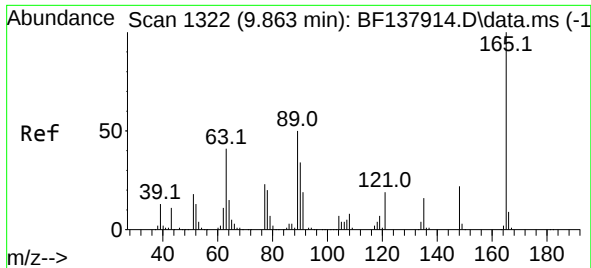
Tgt Ion:330 Resp: 241701
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.8
141 28.5 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 51.141 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Tgt Ion:172 Resp: 1072457
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.1 18.9 28.3

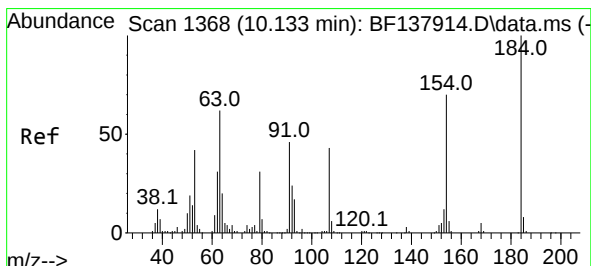
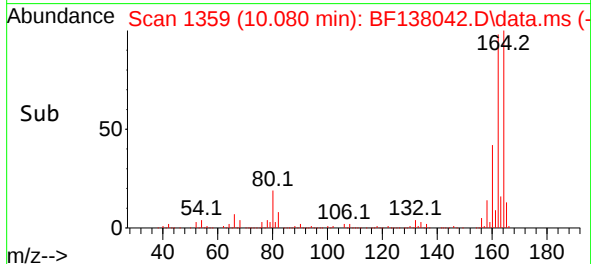
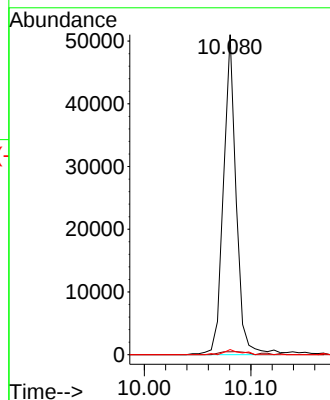
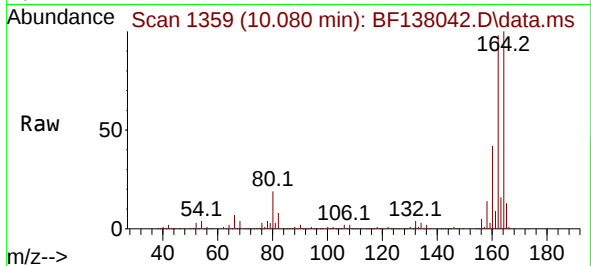




#51
2,6-Dinitrotoluene
Concen: 9.087 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

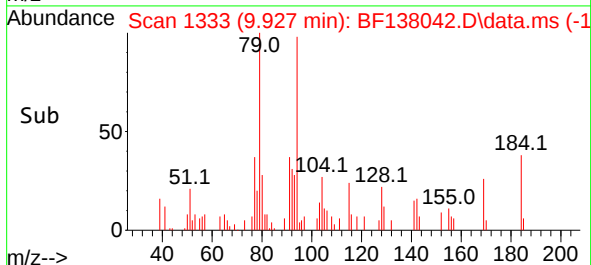
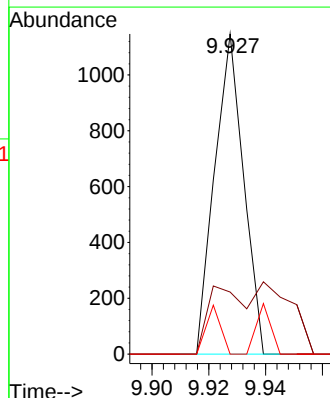
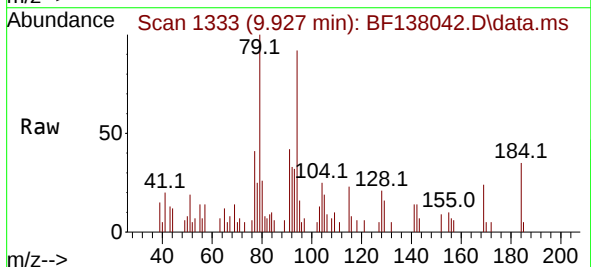
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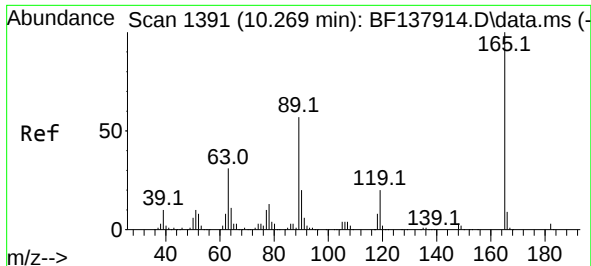
Tgt Ion:165 Resp: 42246
Ion Ratio Lower Upper
165 100
63 0.9 38.9 58.3#
89 1.6 40.4 60.6#



#54
2,4-Dinitrophenol
Concen: 7.261 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.206 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Tgt Ion:184 Resp: 808
Ion Ratio Lower Upper
184 100
63 19.4 50.4 75.6#
154 0.0 63.7 95.5#

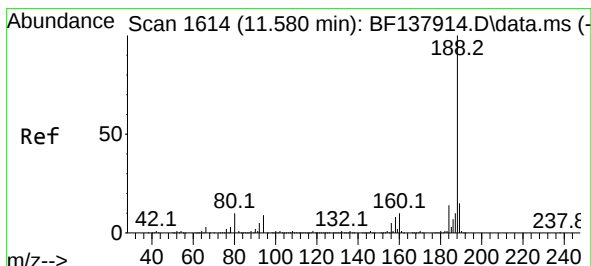
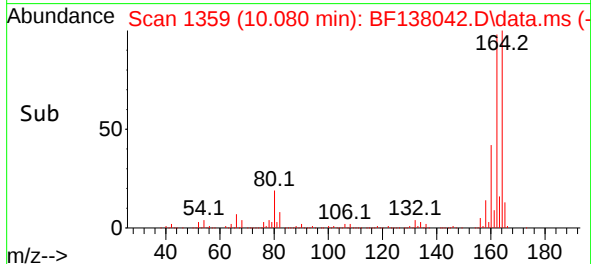
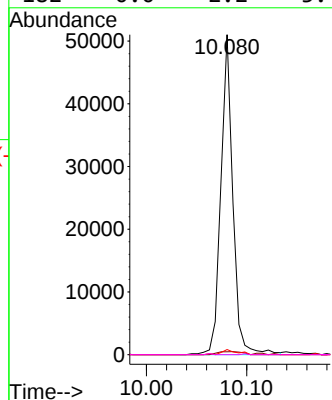
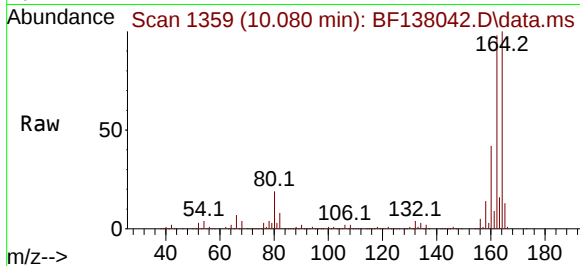




#57
2,4-Dinitrotoluene
Concen: 7.049 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

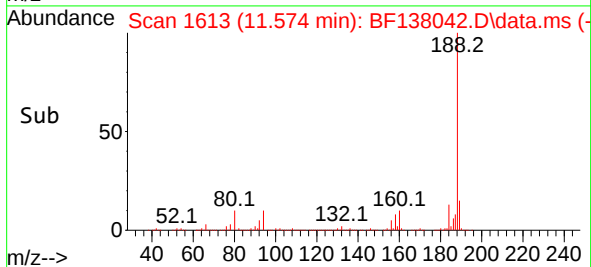
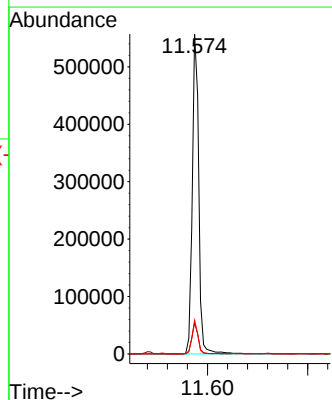
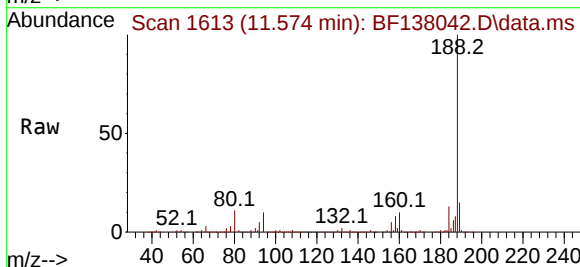
Instrument :
BNA_F
ClientSampleId :
VNJ-203

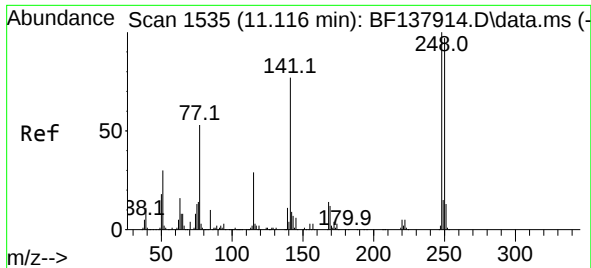
Tgt Ion:165 Resp: 42366
Ion Ratio Lower Upper
165 100
63 0.9 25.3 37.9#
89 1.6 45.9 68.9#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Tgt Ion:188 Resp: 497349
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.6 7.7 11.5

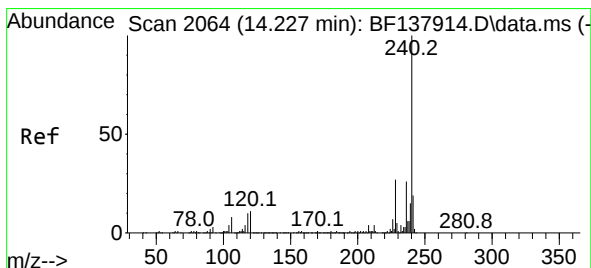
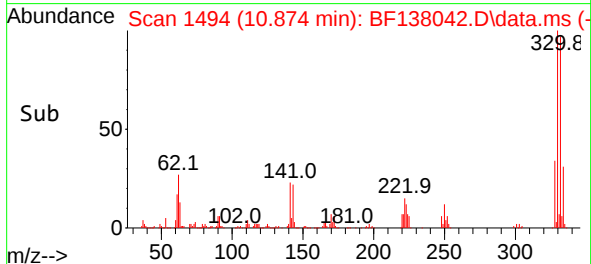
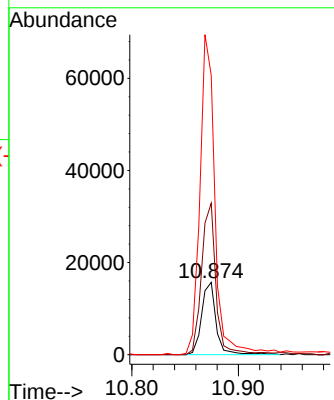
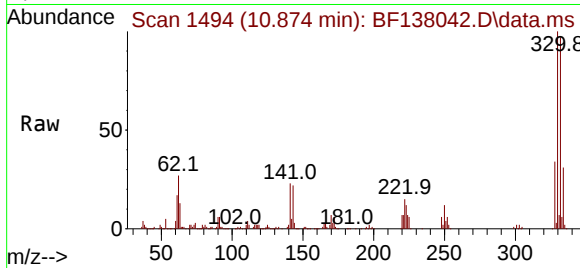




#67
4-Bromophenyl-phenylether
Concen: 2.742 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

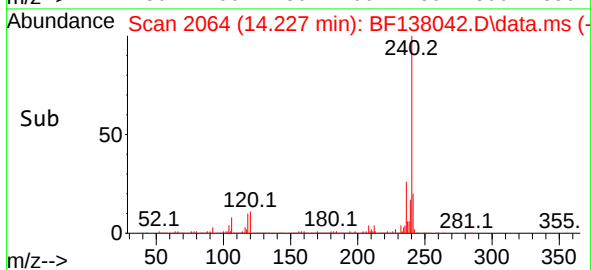
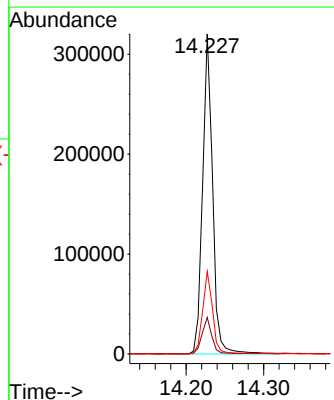
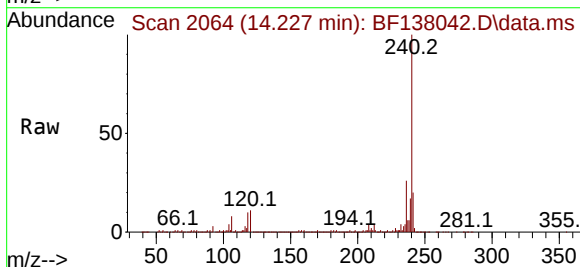
Instrument :
BNA_F
ClientSampleId :
VNJ-203

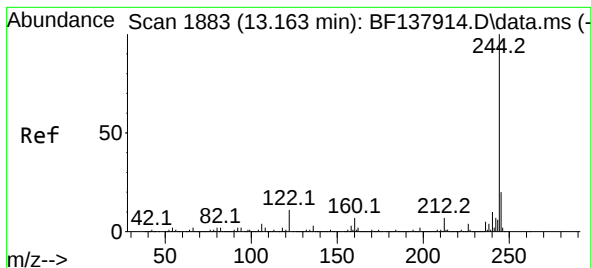
Tgt Ion:248 Resp: 14950
Ion Ratio Lower Upper
248 100
250 209.6 77.6 116.4#
141 386.2 61.4 92.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138042.D
Acq: 28 May 2024 12:42

Tgt Ion:240 Resp: 287667
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.7 21.0 31.4





#79

Terphenyl-d14

Concen: 44.512 ng

RT: 13.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138042.D

Acq: 28 May 2024 12:42

Instrument :

BNA_F

ClientSampleId :

VNJ-203

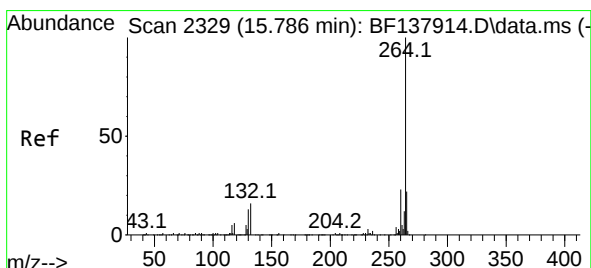
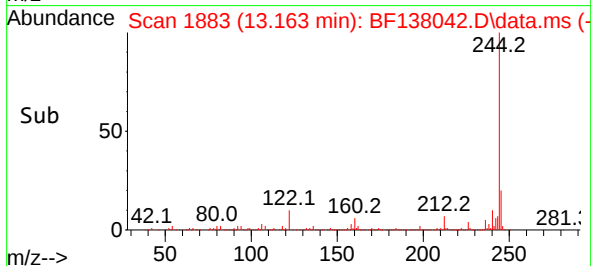
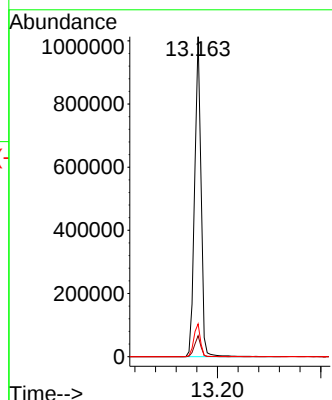
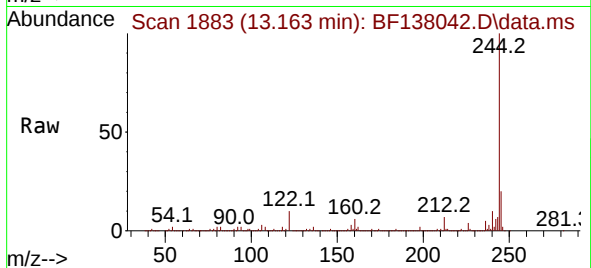
Tgt Ion:244 Resp: 868815

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 10.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF138042.D

Acq: 28 May 2024 12:42

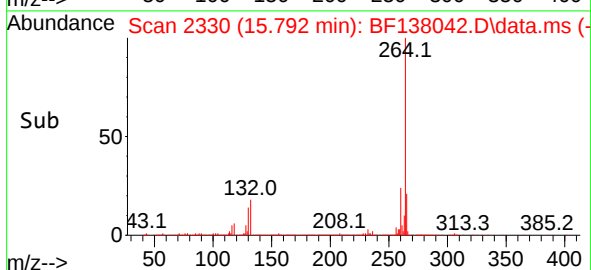
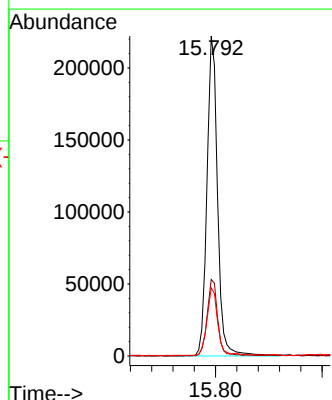
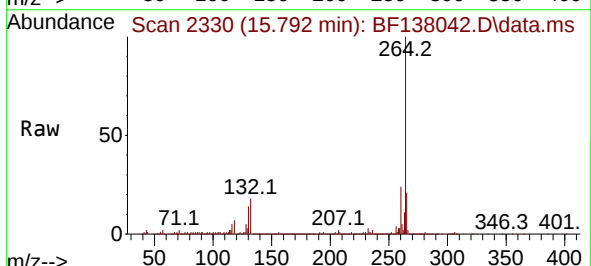
Tgt Ion:264 Resp: 306770

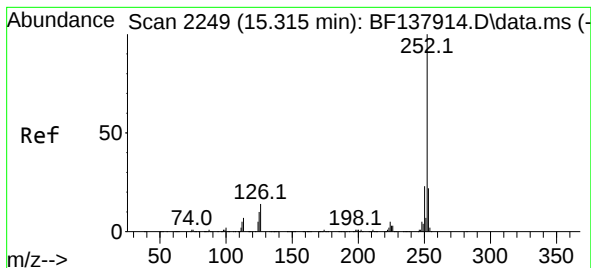
Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.3 17.6 26.4





#88

Benzo(b)fluoranthene

Concen: 2.200 ng

RT: 15.321 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138042.D

Acq: 28 May 2024 12:42

Instrument :

BNA_F

ClientSampleId :

VNJ-203

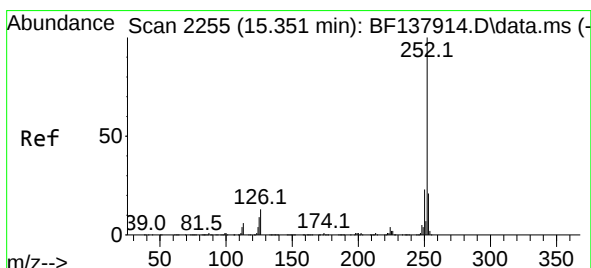
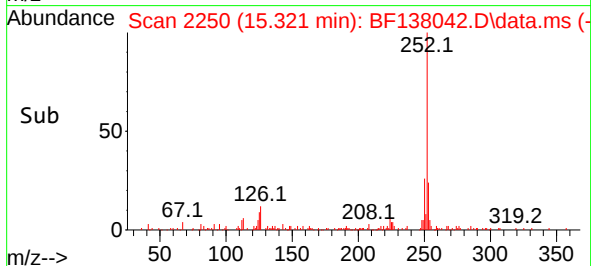
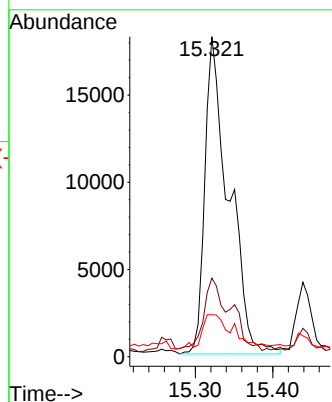
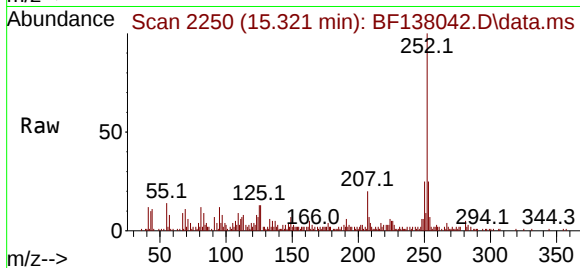
Tgt Ion:252 Resp: 39084

Ion Ratio Lower Upper

252 100

253 24.6 17.6 26.4

125 13.1 8.2 12.4#



#89

Benzo(k)fluoranthene

Concen: 2.240 ng

RT: 15.321 min Scan# 2250

Delta R.T. -0.029 min

Lab File: BF138042.D

Acq: 28 May 2024 12:42

Tgt Ion:252 Resp: 39084

Ion Ratio Lower Upper

252 100

253 24.6 17.4 26.0

125 13.1 7.7 11.5#

