

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134244.D
 Acq On : 12 Jul 2023 13:28
 Operator : CG\JU
 Sample : 03555-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-203

Quant Time: Jul 12 15:12:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

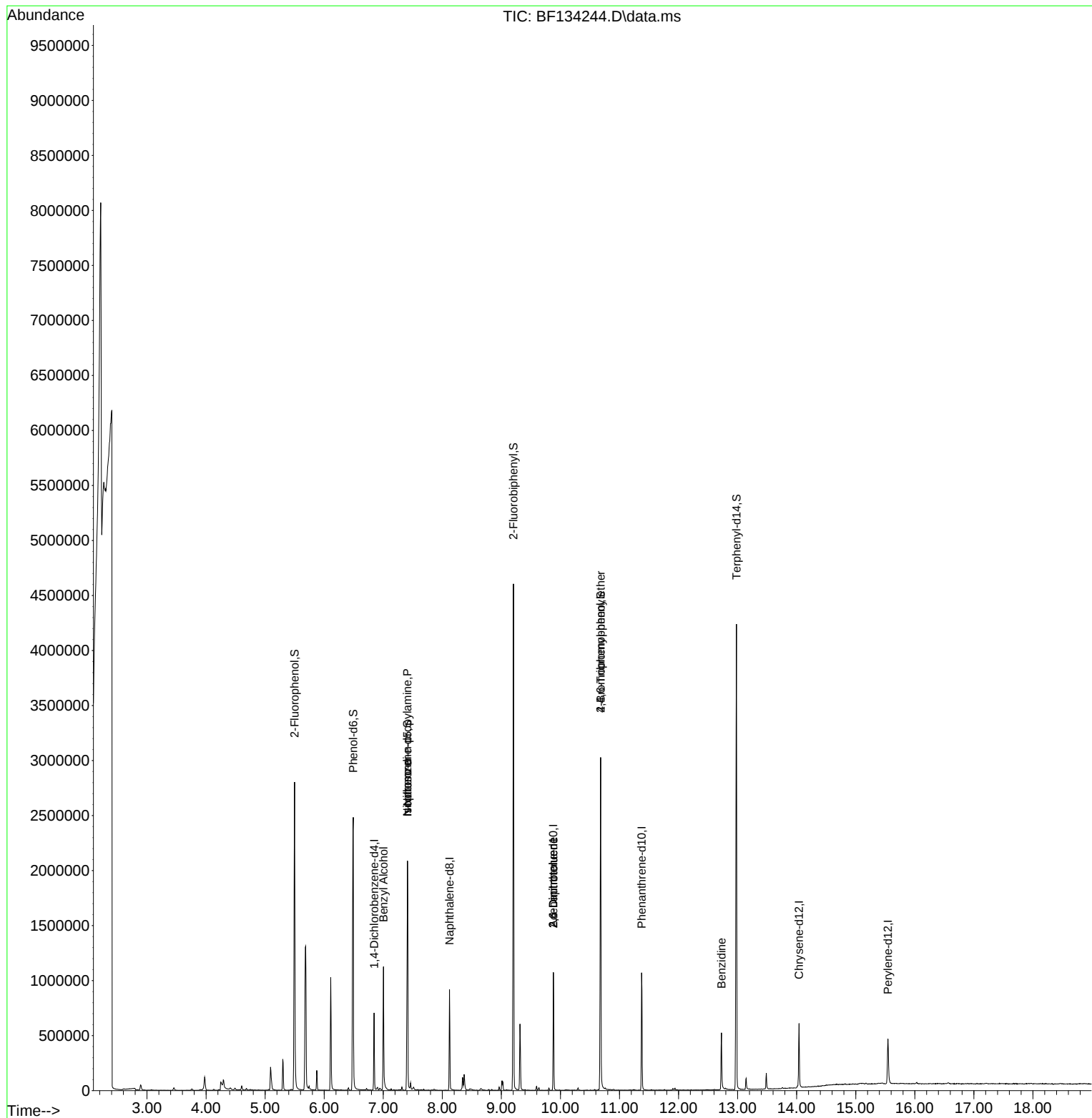
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	92263	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	372447	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	198523	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	404492	20.000	ng	0.00
76) Chrysene-d12	14.039	240	197762	20.000	ng	0.00
86) Perylene-d12	15.545	264	207181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	807815	146.460	ng	0.02
7) Phenol-d6	6.492	99	888471	130.983	ng	0.00
23) Nitrobenzene-d5	7.410	82	719173	104.088	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	400676	160.973	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1348283	98.742	ng	0.00
79) Terphenyl-d14	12.980	244	1554985	126.547	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	1645	Below Cal	#	1
15) Benzyl Alcohol	7.004	79	15890	3.039	ng	# 43
19) n-Nitroso-di-n-propyla...	7.410	70	102558	23.842	ng	# 76
25) Isophorone	7.410	82	719173	57.272	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	24547	7.909	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	24547	5.988	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	24280	5.647	ng	# 1
77) Benzidine	12.727	184	215944	45.891	ng	99

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

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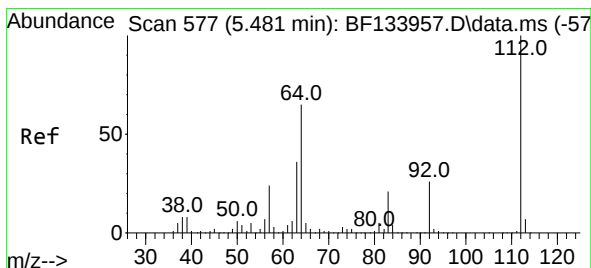
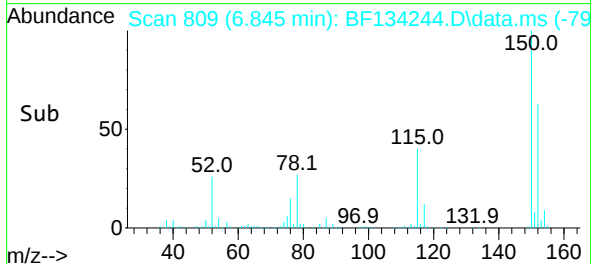
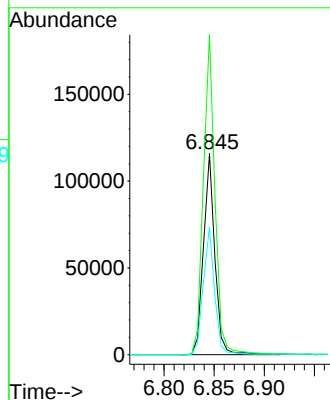
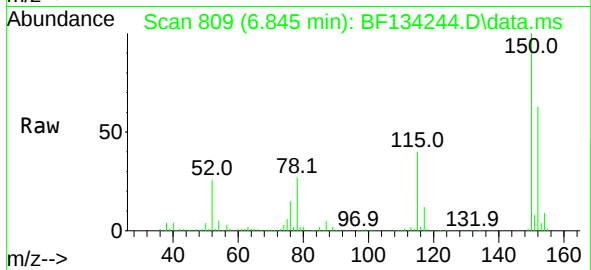




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

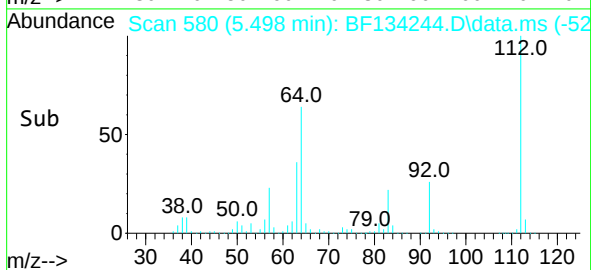
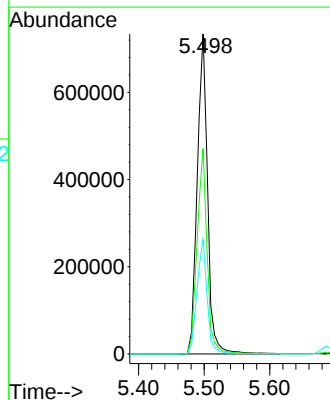
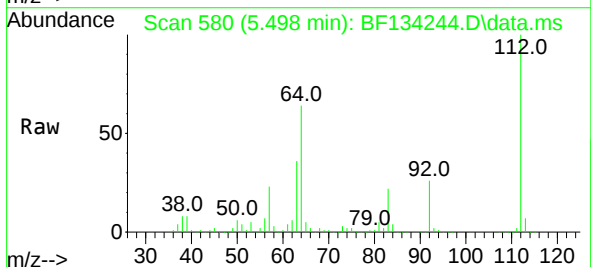
Instrument :
BNA_F
ClientSampleId :
VNJ-203

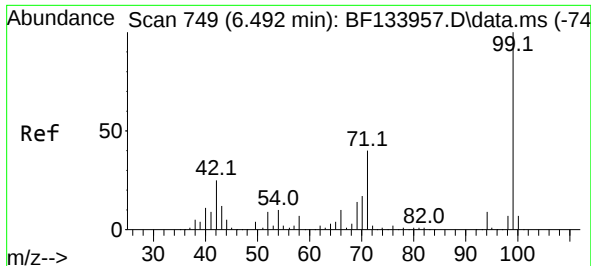
Tgt Ion:152 Resp: 92263
Ion Ratio Lower Upper
152 100
150 159.1 124.5 186.7
115 63.3 50.2 75.2



#5
2-Fluorophenol
Concen: 146.460 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.023 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

Tgt Ion:112 Resp: 807815
Ion Ratio Lower Upper
112 100
64 64.2 52.1 78.1
63 35.8 28.6 42.8





#7

Phenol-d6

Concen: 130.983 ng

RT: 6.492 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF134244.D

Acq: 12 Jul 2023 13:28

Instrument :

BNA_F

ClientSampleId :

VNJ-203

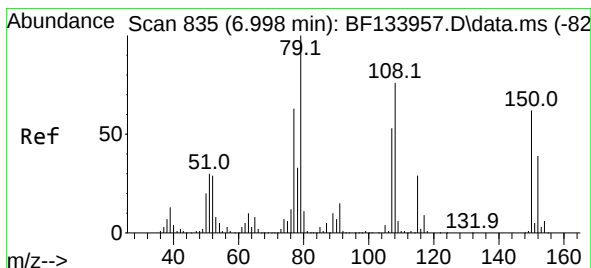
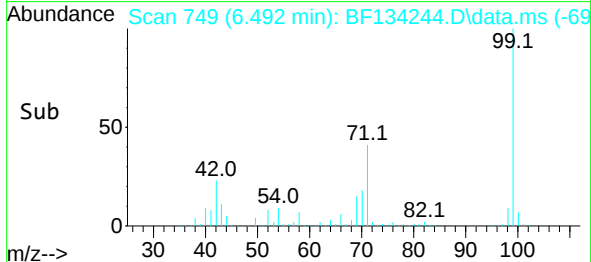
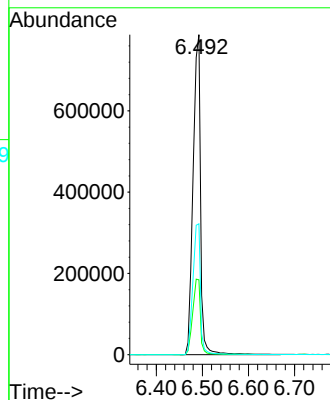
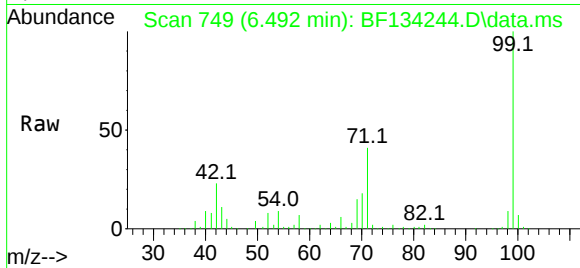
Tgt Ion: 99 Resp: 888471

Ion Ratio Lower Upper

99 100

42 23.4 19.8 29.6

71 40.9 31.9 47.9



#15

Benzyl Alcohol

Concen: 3.039 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.018 min

Lab File: BF134244.D

Acq: 12 Jul 2023 13:28

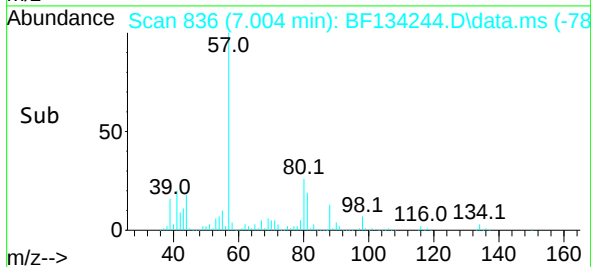
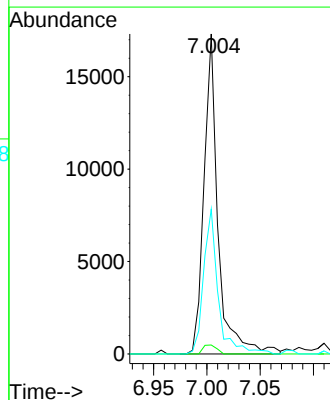
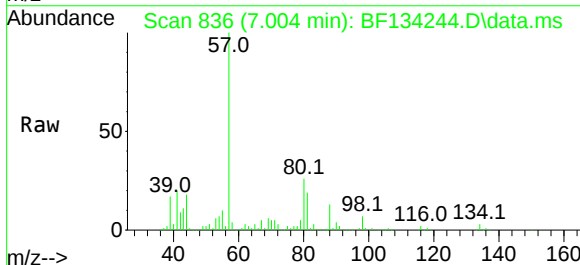
Tgt Ion: 79 Resp: 15890

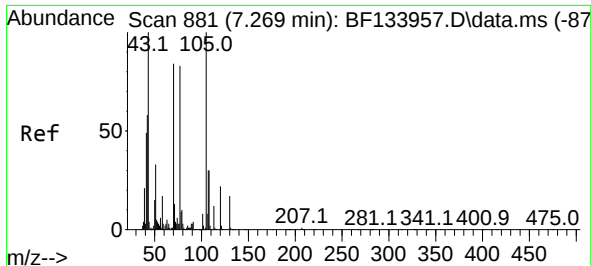
Ion Ratio Lower Upper

79 100

108 2.8 60.7 91.1#

77 45.3 50.6 75.8#



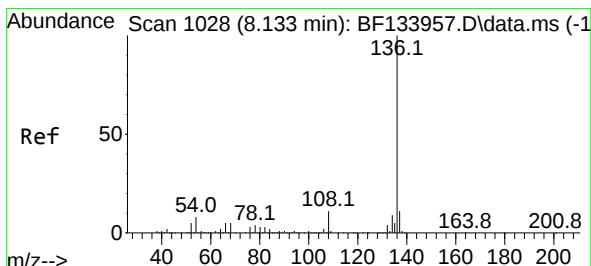
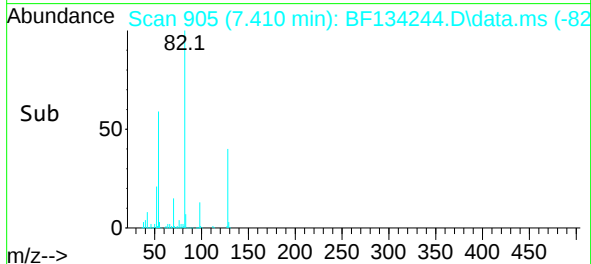
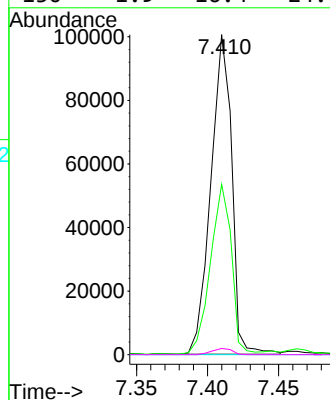
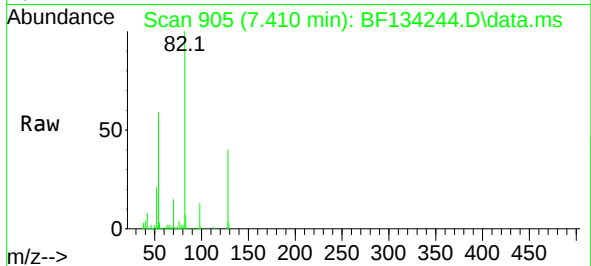


#19
n-Nitroso-di-n-propylamine
Concen: 23.842 ng
RT: 7.410 min Scan# 90
Delta R.T. 0.153 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Tgt Ion: 70 Resp: 102558

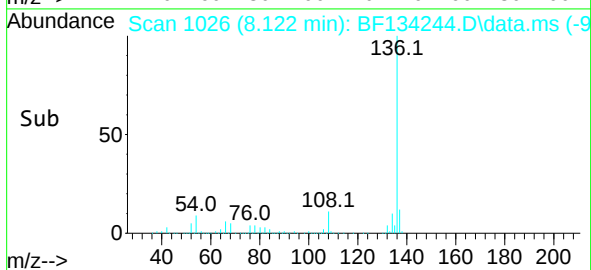
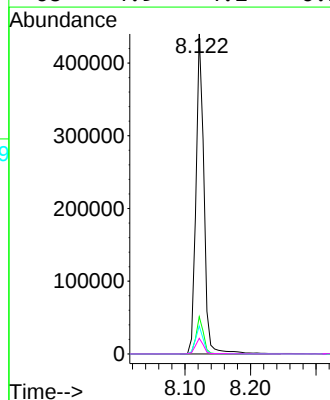
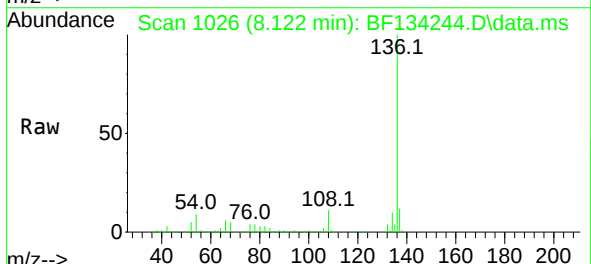
Ion	Ratio	Lower	Upper
70	100		
42	53.2	54.7	82.1#
101	0.0	7.7	11.5#
130	1.9	16.4	24.6#

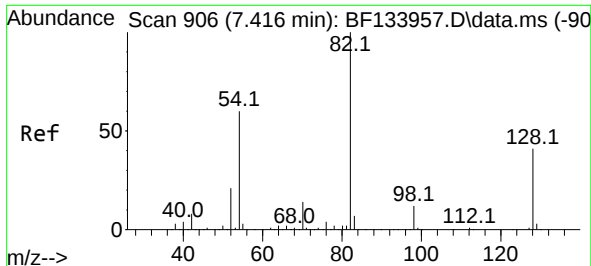


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

Tgt Ion: 136 Resp: 372447

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	12.8
54	8.7	6.5	9.7
68	4.9	4.2	6.2

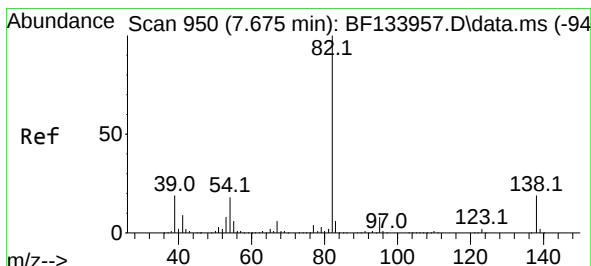
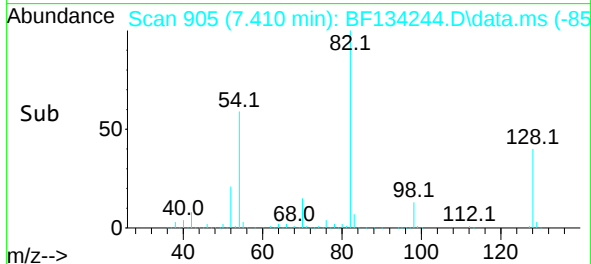
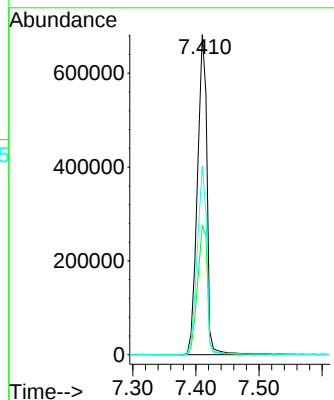
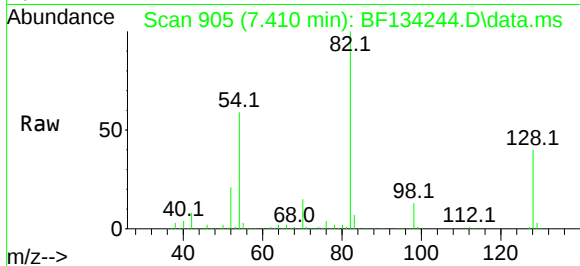




#23
Nitrobenzene-d5
Concen: 104.088 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

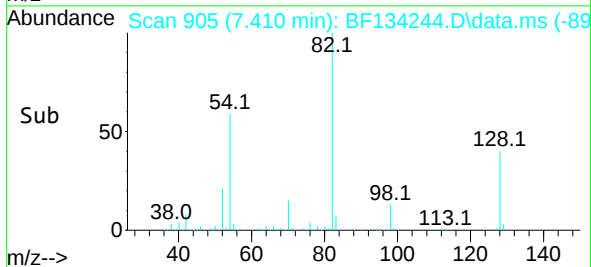
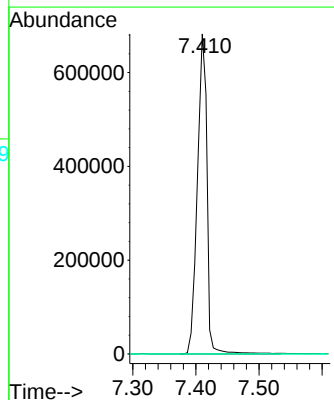
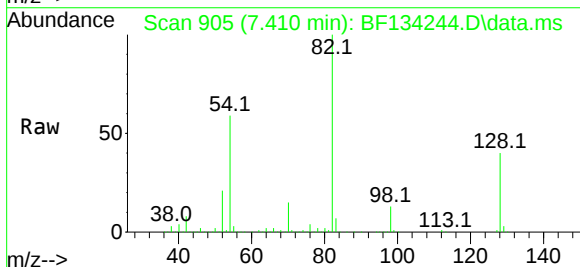
Instrument :
BNA_F
ClientSampleId :
VNJ-203

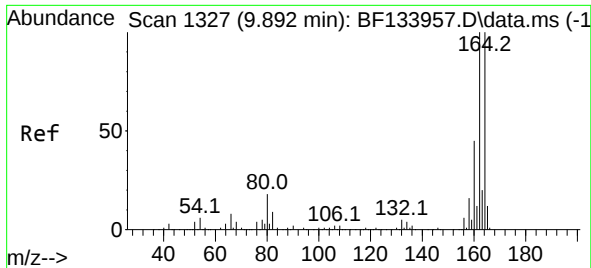
Tgt Ion: 82 Resp: 719173
Ion Ratio Lower Upper
82 100
128 40.3 32.5 48.7
54 58.9 48.2 72.2



#25
Isophorone
Concen: 57.272 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.253 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

Tgt Ion: 82 Resp: 719173
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#

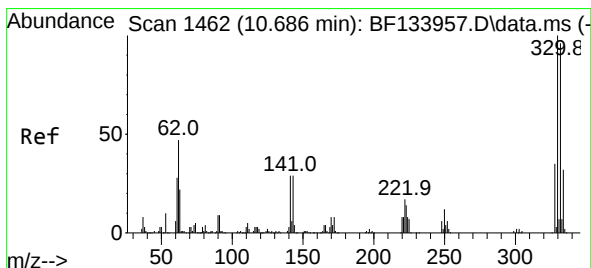
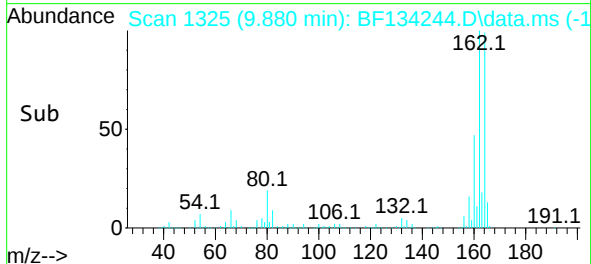
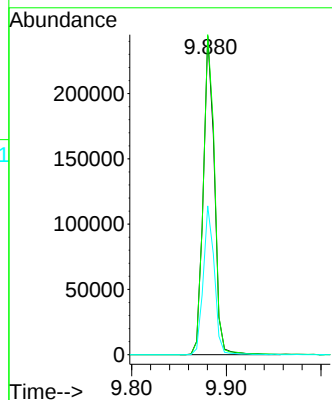
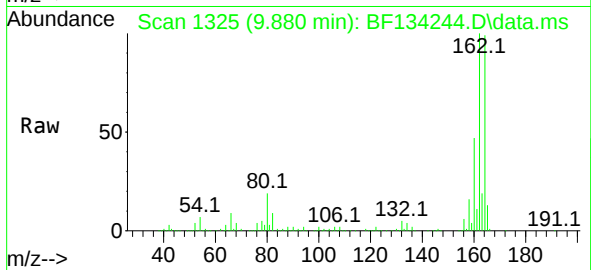




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

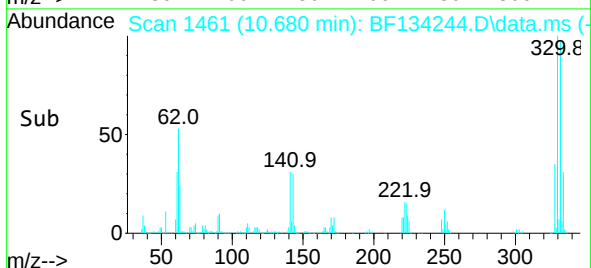
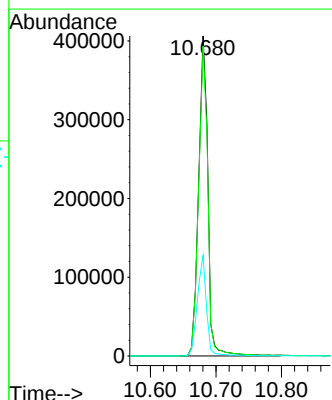
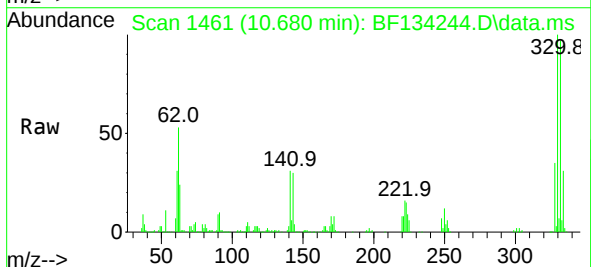
Instrument :
BNA_F
ClientSampleId :
VNJ-203

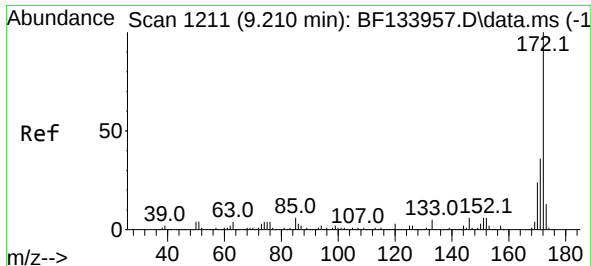
Tgt Ion:164 Resp: 198523
Ion Ratio Lower Upper
164 100
162 100.5 80.0 120.0
160 46.8 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 160.973 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

Tgt Ion:330 Resp: 400676
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 31.2 26.3 39.5





#45

2-Fluorobiphenyl

Concen: 98.742 ng

RT: 9.204 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134244.D

Acq: 12 Jul 2023 13:28

Instrument :

BNA_F

ClientSampleId :

VNJ-203

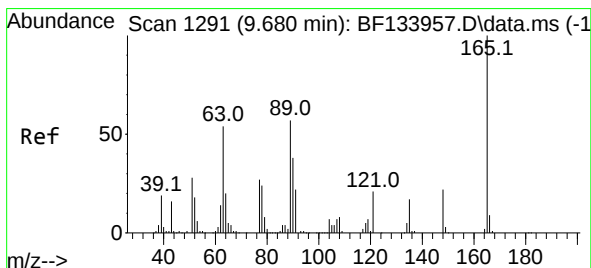
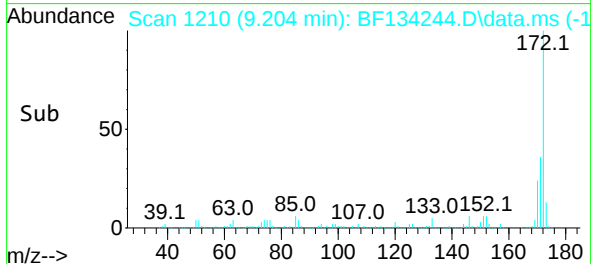
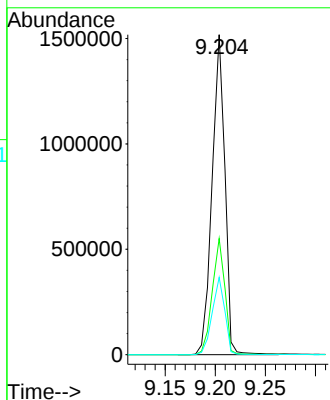
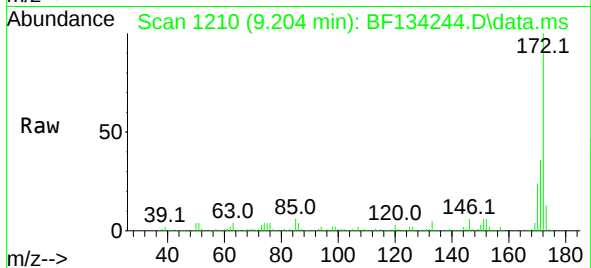
Tgt Ion:172 Resp: 1348283

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 24.2 19.4 29.0



#51

2,6-Dinitrotoluene

Concen: 7.909 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.206 min

Lab File: BF134244.D

Acq: 12 Jul 2023 13:28

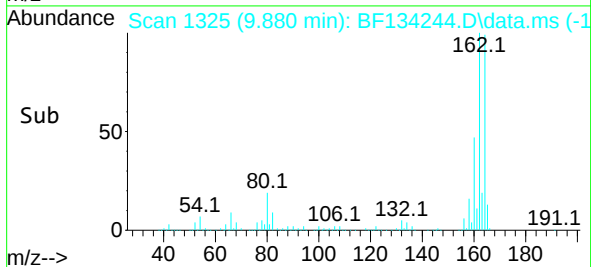
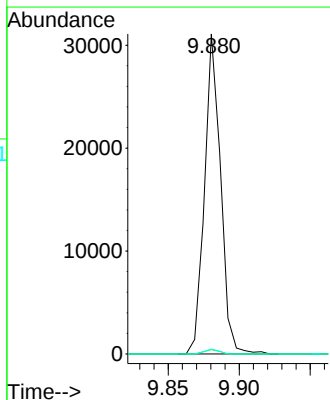
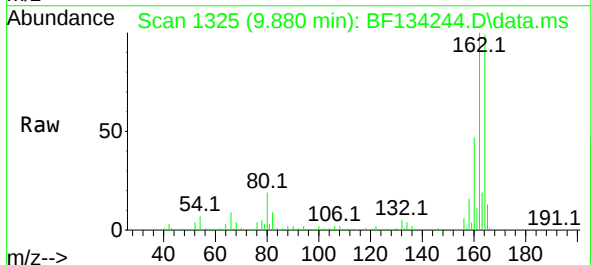
Tgt Ion:165 Resp: 24547

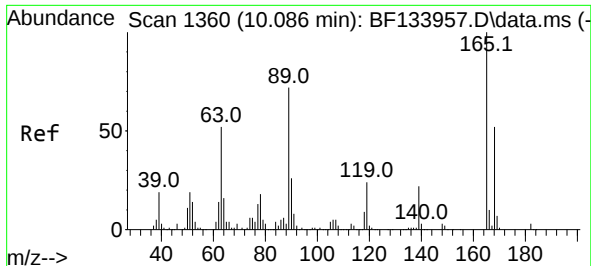
Ion Ratio Lower Upper

165 100

63 1.3 48.5 72.7#

89 1.6 45.5 68.3#

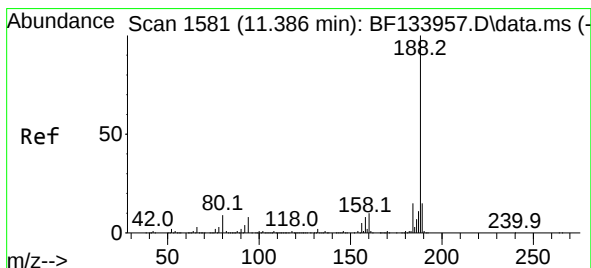
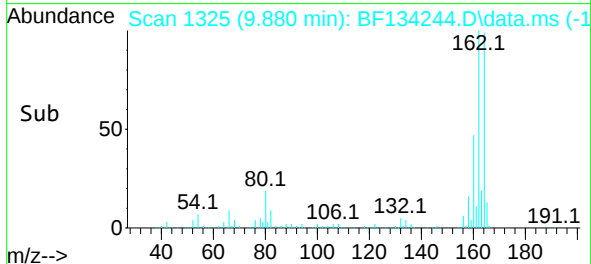
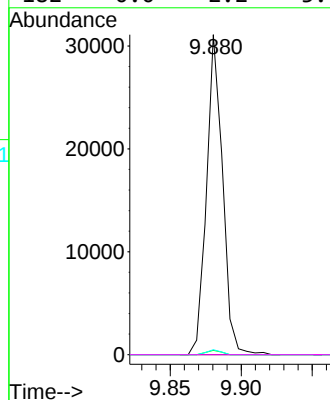
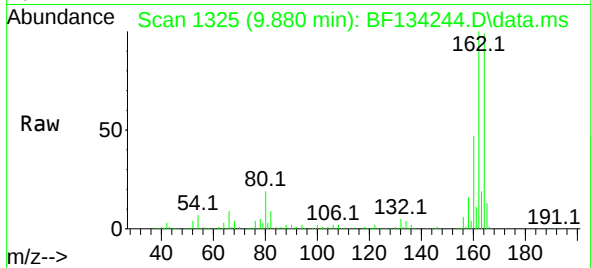




#57
2,4-Dinitrotoluene
Concen: 5.988 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

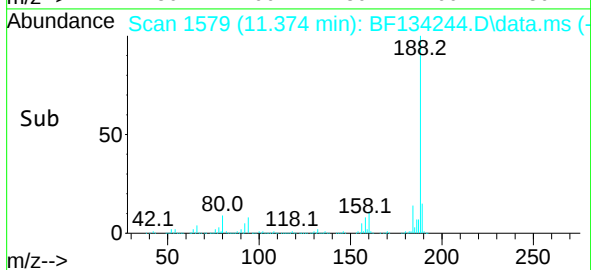
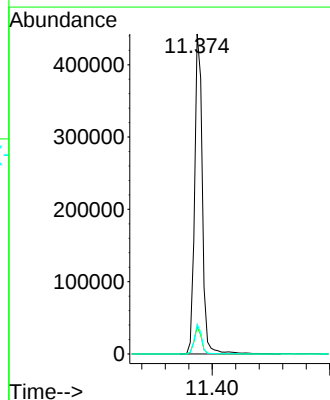
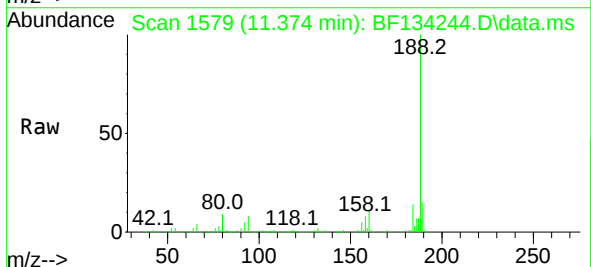
Instrument :
BNA_F
ClientSampleId :
VNJ-203

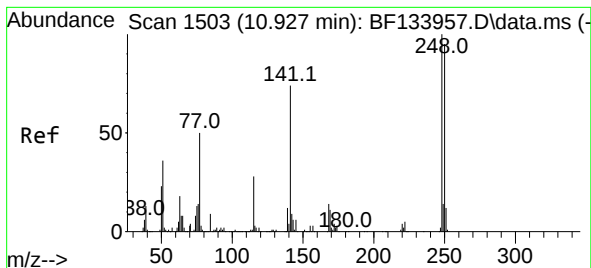
Tgt Ion:165 Resp: 24547
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 1.6 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

Tgt Ion:188 Resp: 404492
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.3 7.3 10.9

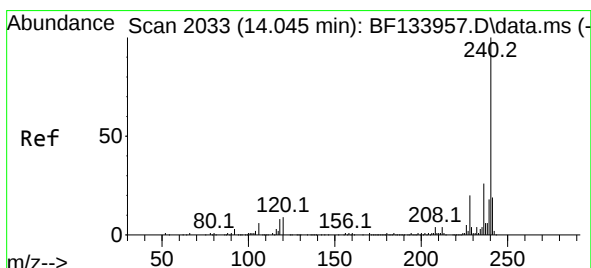
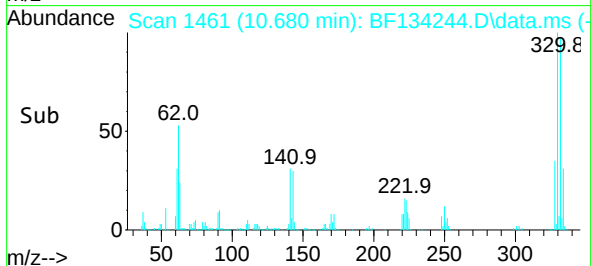
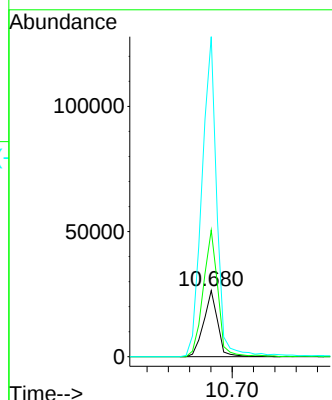
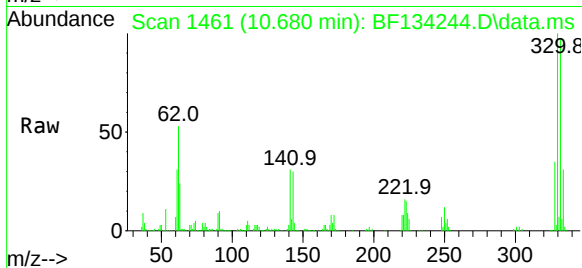




#67
4-Bromophenyl-phenylether
Concen: 5.647 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

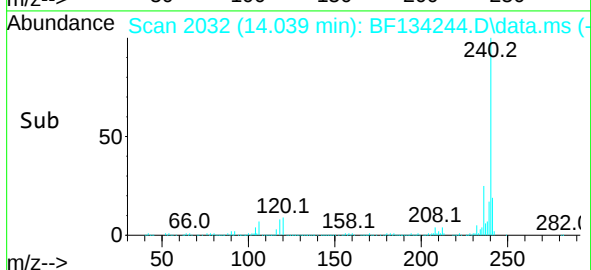
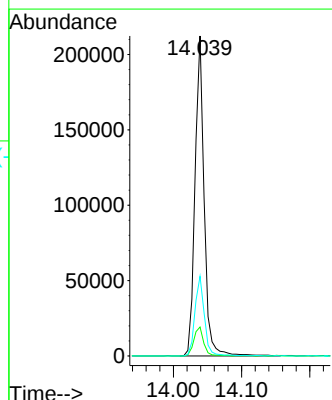
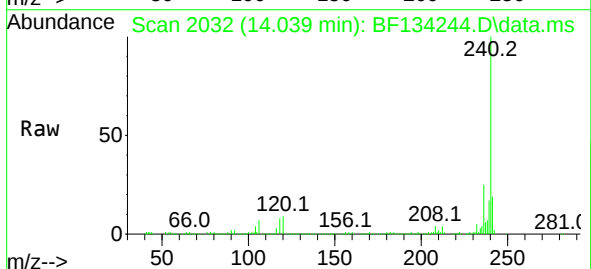
Instrument :
BNA_F
ClientSampleId :
VNJ-203

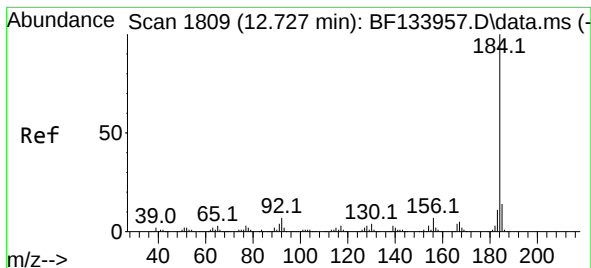
Tgt Ion:248 Resp: 24280
Ion Ratio Lower Upper
248 100
250 191.4 76.2 114.4#
141 483.7 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

Tgt Ion:240 Resp: 197762
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 24.9 21.0 31.6





#77

Benzidine

Concen: 45.891 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF134244.D

Acq: 12 Jul 2023 13:28

Instrument :

BNA_F

ClientSampleId :

VNJ-203

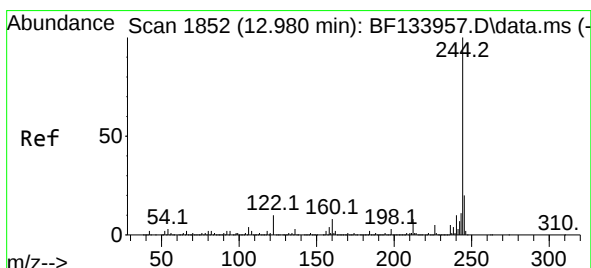
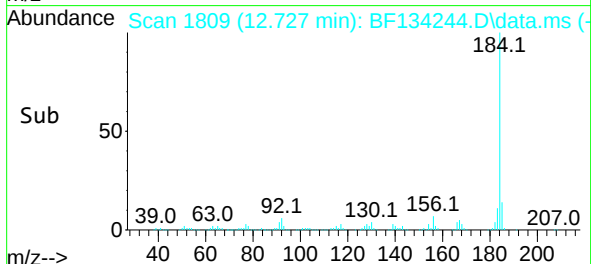
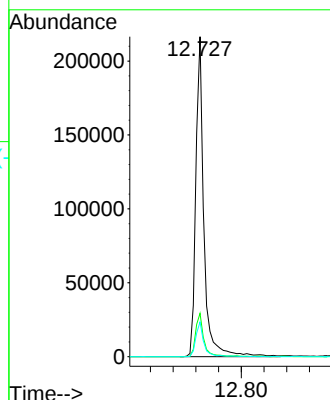
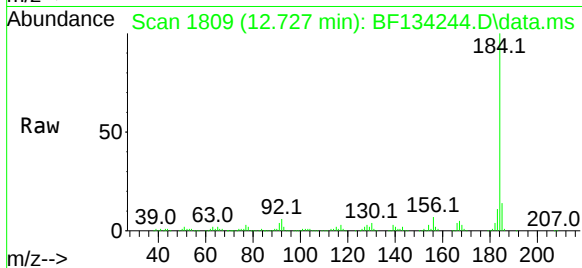
Tgt Ion:184 Resp: 215944

Ion Ratio Lower Upper

184 100

185 13.6 11.6 17.4

183 10.8 8.8 13.2



#79

Terphenyl-d14

Concen: 126.547 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF134244.D

Acq: 12 Jul 2023 13:28

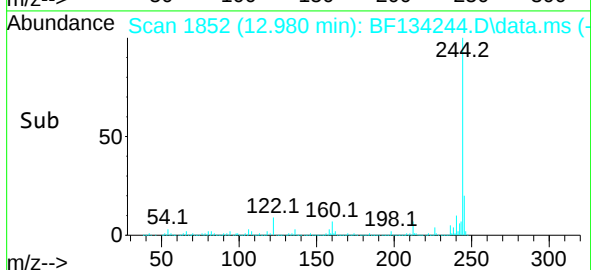
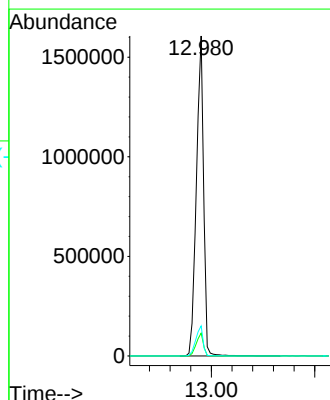
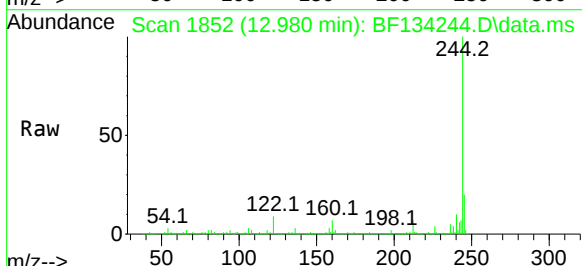
Tgt Ion:244 Resp: 1554985

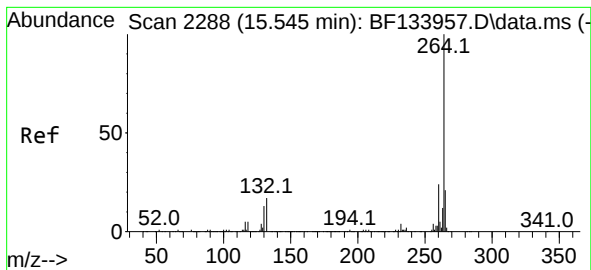
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.4 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF134244.D
Acq: 12 Jul 2023 13:28

Instrument :
BNA_F
ClientSampleId :
VNJ-203

Tgt Ion:264 Resp: 207181

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.6	16.6	25.0

