

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137156.D
 Acq On : 25 Jan 2024 19:31
 Operator : CG\JU
 Sample : P1240-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Quant Time: Jan 26 10:17:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 23:14:32 2024
 Response via : Initial Calibration

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

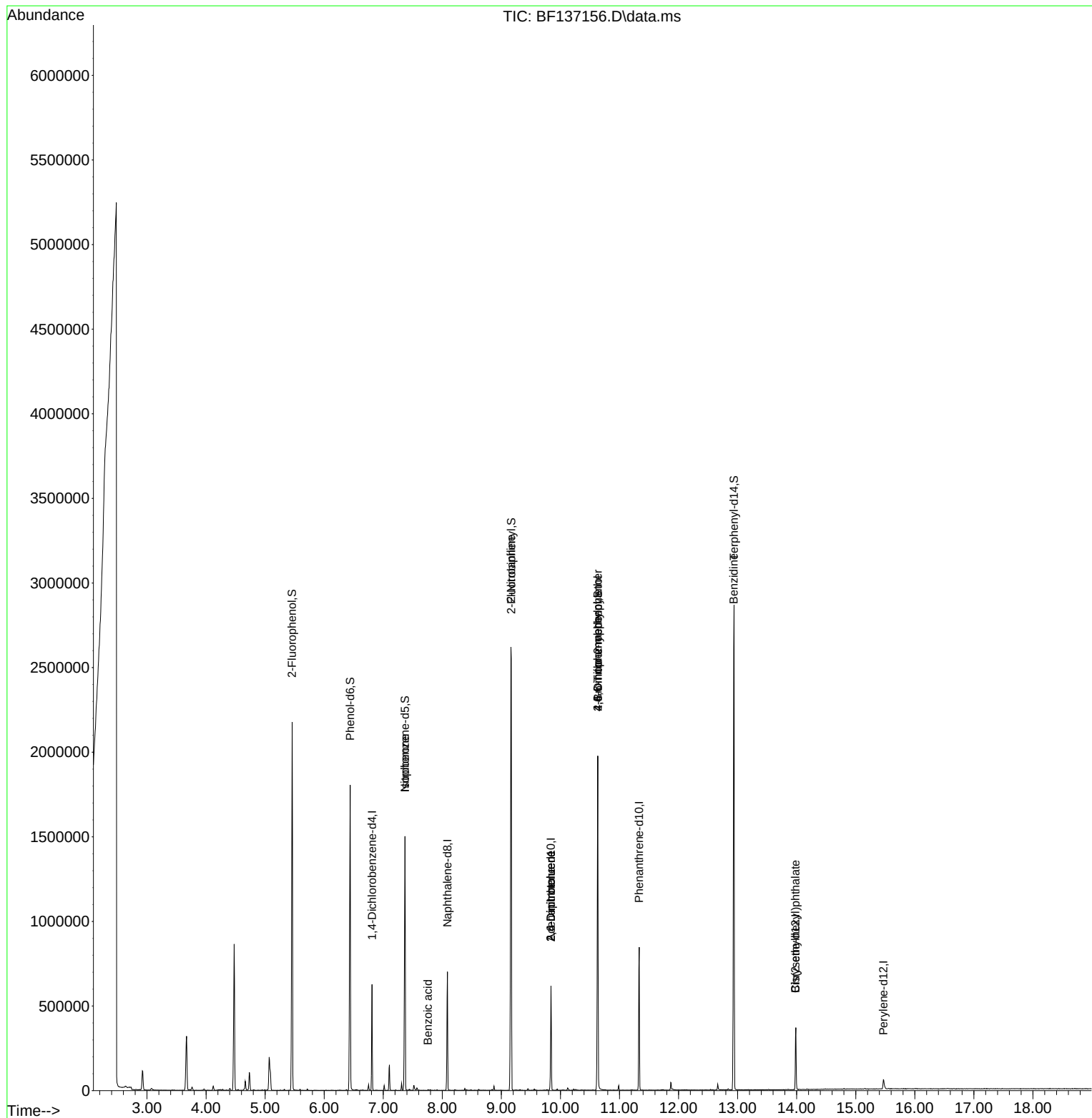
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	73645	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	282586	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	111584	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	286516	20.000	ng	0.00
76) Chrysene-d12	13.980	240	97567	20.000	ng	-0.01
86) Perylene-d12	15.468	264	21001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	566329	113.930	ng	0.02
7) Phenol-d6	6.440	99	542123	82.948	ng	0.00
23) Nitrobenzene-d5	7.369	82	522992	86.759	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	235332	200.489	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	923975	115.279	ng	0.00
79) Terphenyl-d14	12.939	244	1029280	150.854	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.369	82	521887	43.845	ng	# 70
32) Benzoic acid	7.757	122	615	8.171	ng	# 89
48) 2-Nitroaniline	9.163	65	1877	4.925	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	13821	11.431	ng	# 15
57) 2,4-Dinitrotoluene	9.839	165	13821	10.831	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.633	198	589	8.637	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	16024	4.854	ng	# 1
77) Benzidine	12.933	184	13588	7.181	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.980	149	373	6.393	ng	# 53

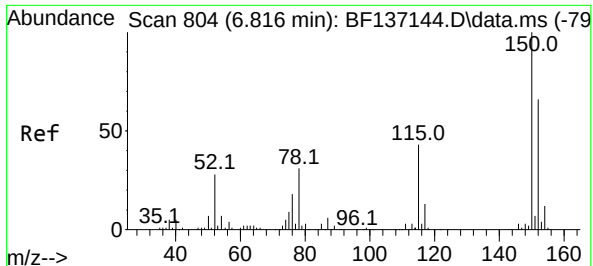
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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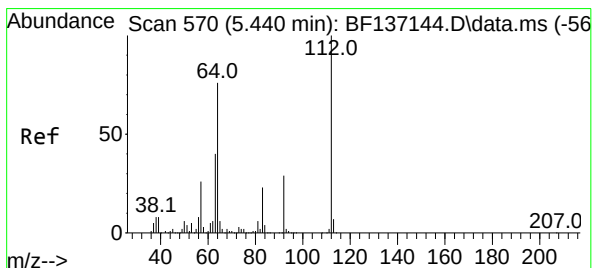
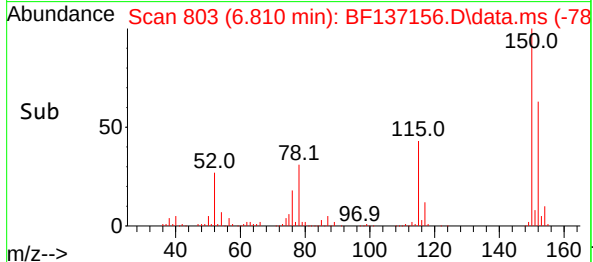
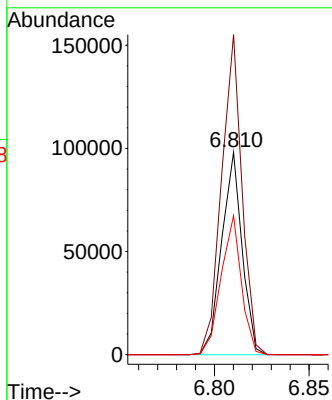
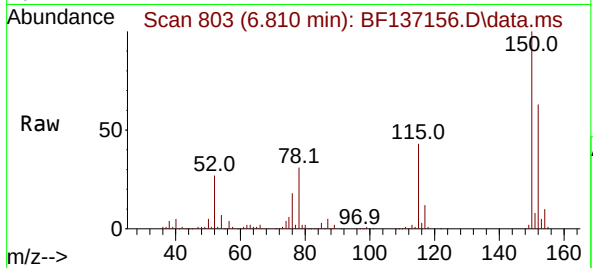




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF137156.D
Acq: 25 Jan 2024 19:31

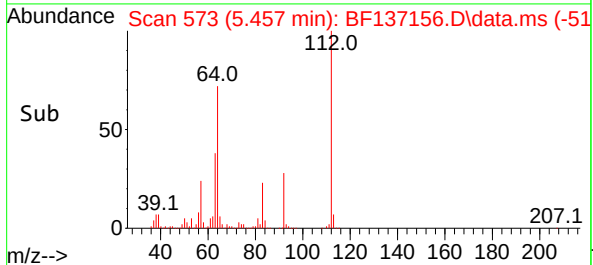
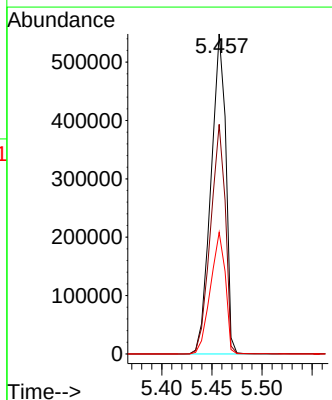
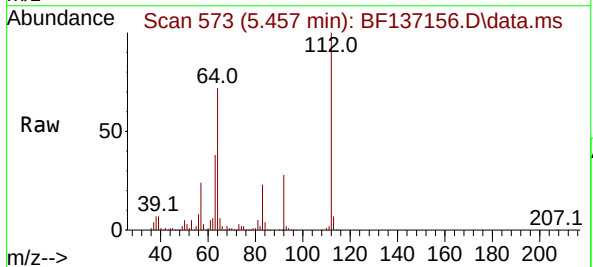
Instrument :
BNA_F
ClientSampleId :
VNJ-232

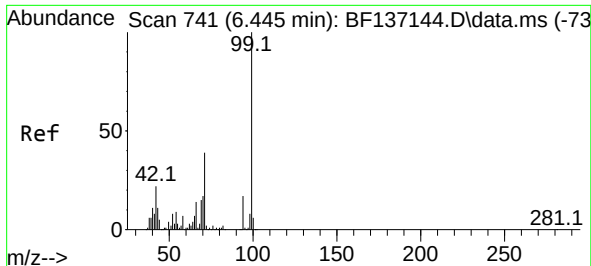
Tgt Ion:152 Resp: 73645
Ion Ratio Lower Upper
152 100
150 158.0 121.2 181.8
115 68.5 52.5 78.7



#5
2-Fluorophenol
Concen: 113.930 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF137156.D
Acq: 25 Jan 2024 19:31

Tgt Ion:112 Resp: 566329
Ion Ratio Lower Upper
112 100
64 71.7 60.8 91.2
63 38.0 32.1 48.1

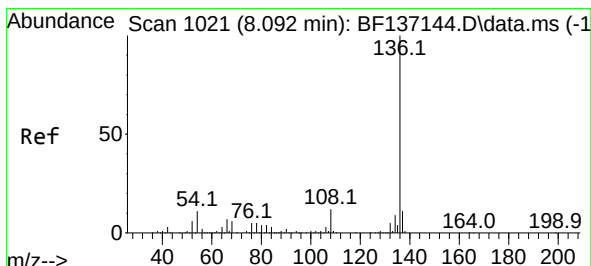
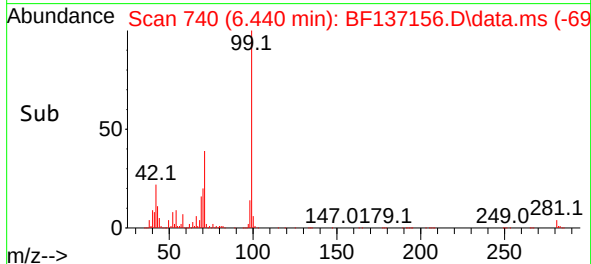
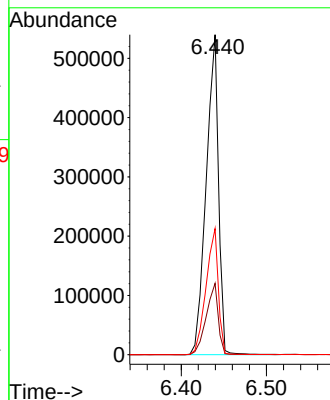
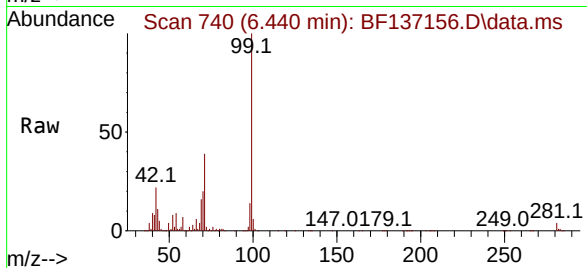




#7
Phenol-d6
Concen: 82.948 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137156.D
Acq: 25 Jan 2024 19:31

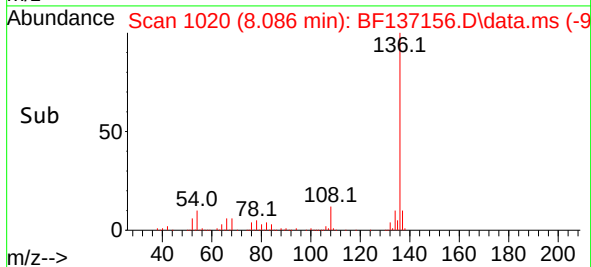
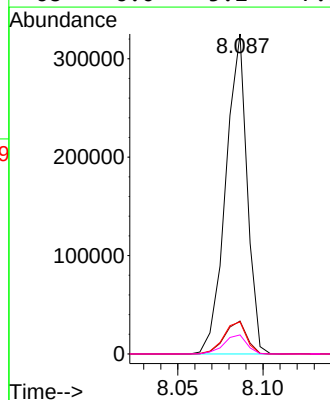
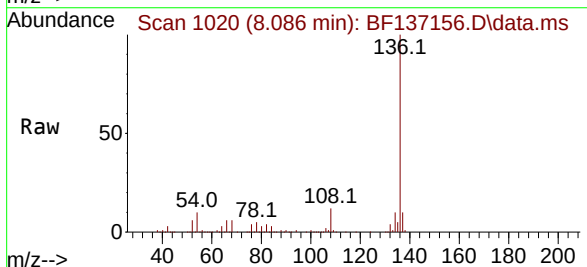
Instrument :
BNA_F
ClientSampleId :
VNJ-232

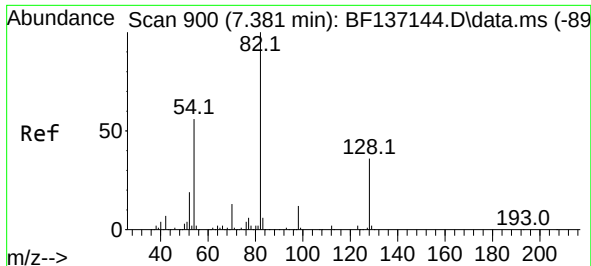
Tgt Ion: 99 Resp: 542123
Ion Ratio Lower Upper
99 100
42 22.3 17.5 26.3
71 39.4 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF137156.D
Acq: 25 Jan 2024 19:31

Tgt Ion:136 Resp: 282586
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 10.0 8.8 13.2
68 6.0 5.2 7.8

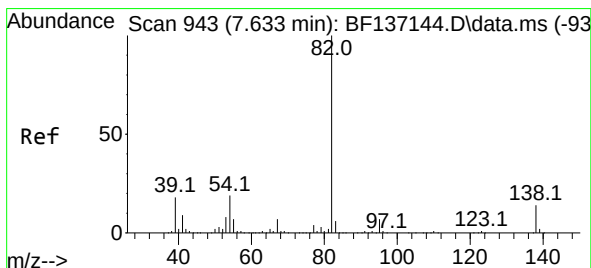
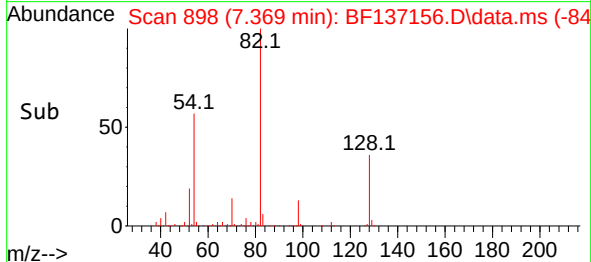
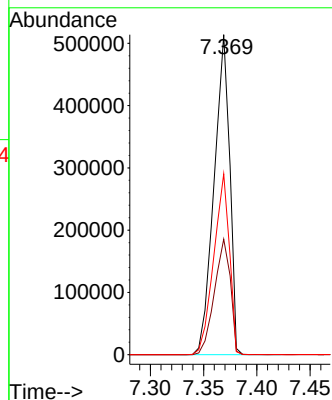
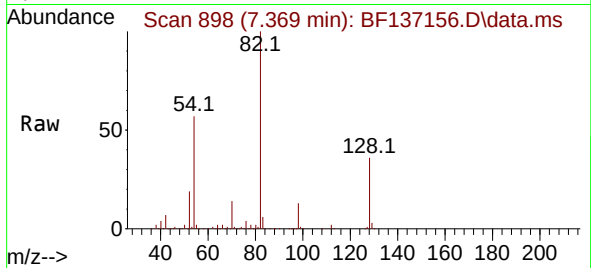




#23
Nitrobenzene-d5
Concen: 86.759 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF137156.D
Acq: 25 Jan 2024 19:31

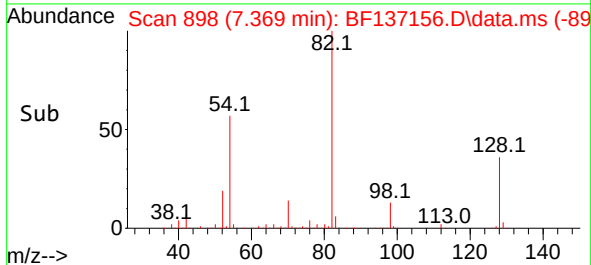
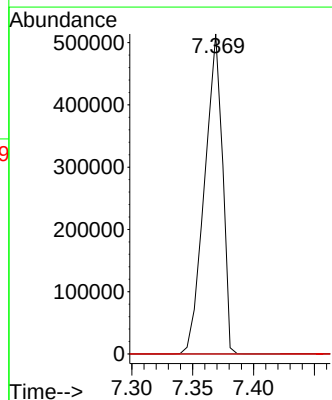
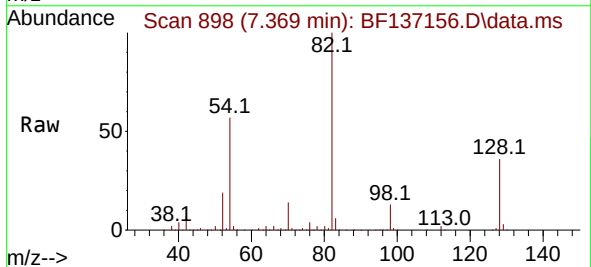
Instrument :
BNA_F
ClientSampleId :
VNJ-232

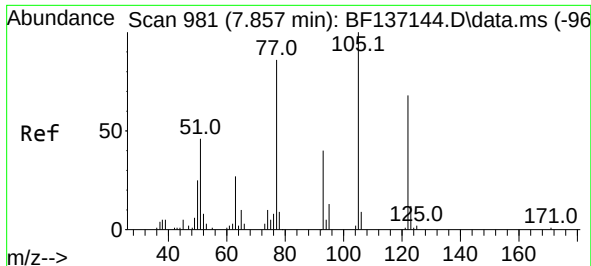
Tgt Ion: 82 Resp: 522992
Ion Ratio Lower Upper
82 100
128 36.1 29.0 43.6
54 56.5 44.6 67.0



#25
Isophorone
Concen: 43.845 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.264 min
Lab File: BF137156.D
Acq: 25 Jan 2024 19:31

Tgt Ion: 82 Resp: 521887
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 11.5 17.3#

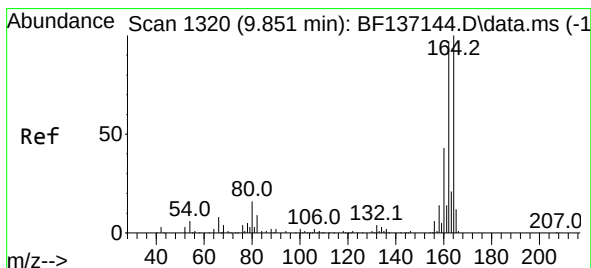
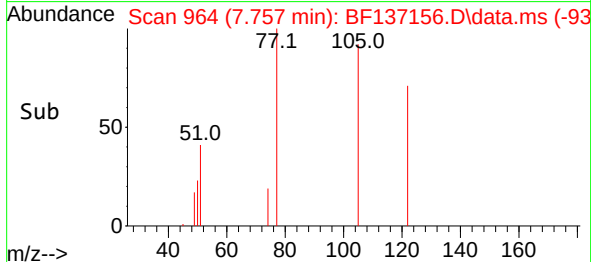
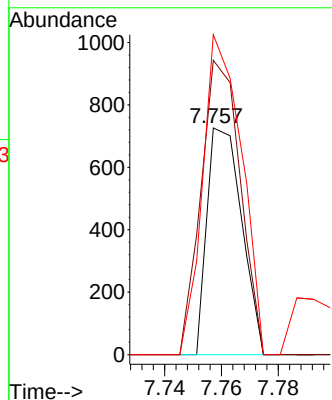
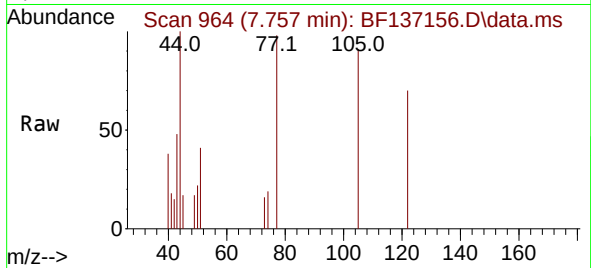




#32
Benzoic acid
Concen: 8.171 ng
RT: 7.757 min Scan# 90
Delta R.T. -0.100 min
Lab File: BF137156.D
Acq: 25 Jan 2024 19:31

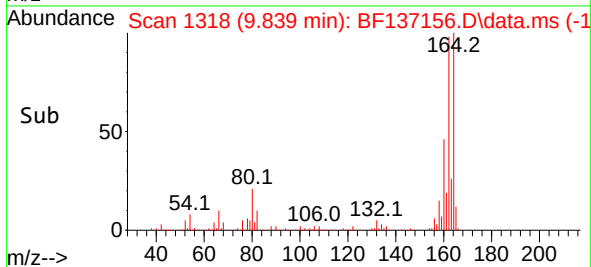
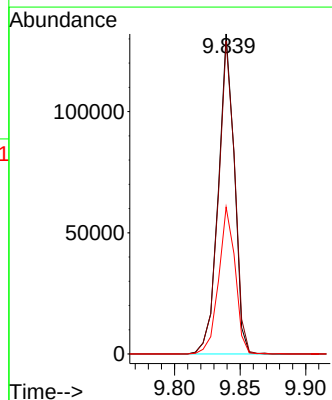
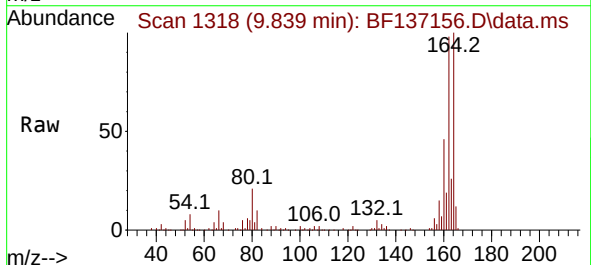
Instrument :
BNA_F
ClientSampleId :
VNJ-232

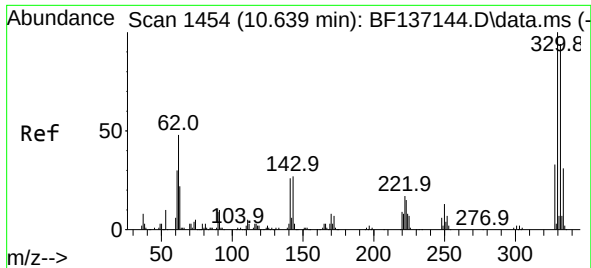
Tgt Ion:122 Resp: 615
Ion Ratio Lower Upper
122 100
105 129.9 123.2 163.2
77 141.2 107.6 147.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BF137156.D
Acq: 25 Jan 2024 19:31

Tgt Ion:164 Resp: 111584
Ion Ratio Lower Upper
164 100
162 97.8 77.5 116.3
160 45.9 34.7 52.1

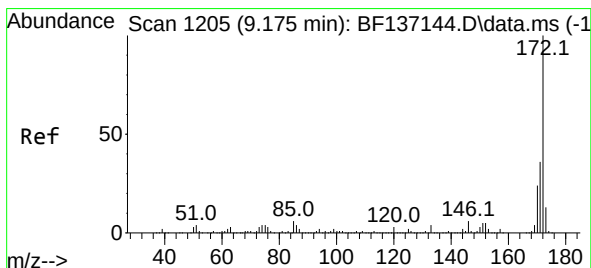
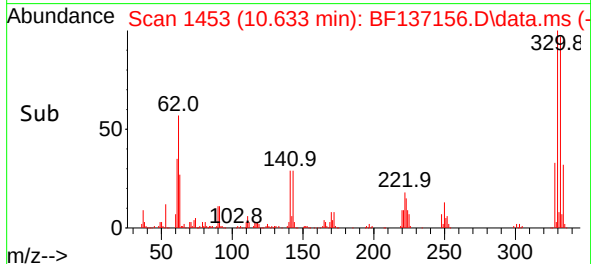
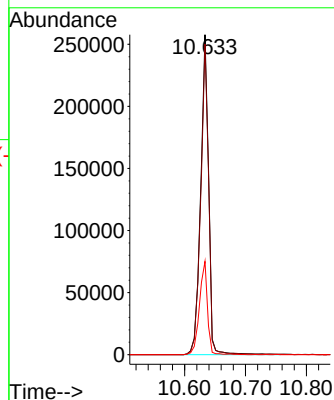
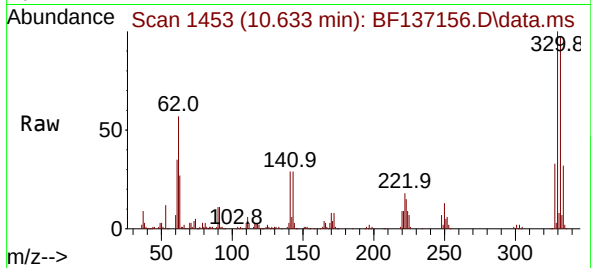




#42
2,4,6-Tribromophenol
Concen: 200.489 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF137156.D
Acq: 25 Jan 2024 19:31

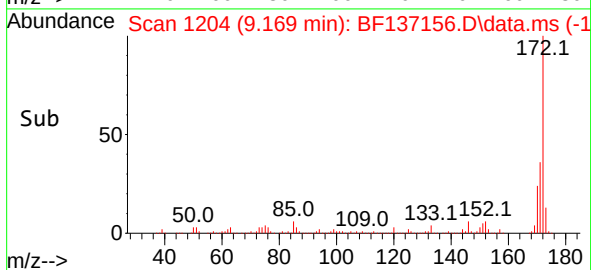
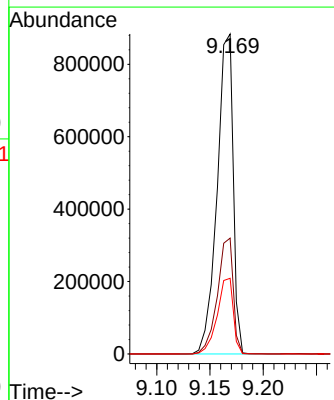
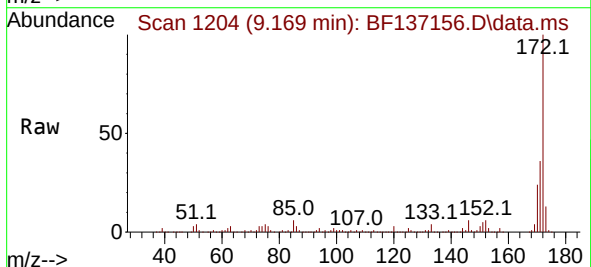
Instrument :
BNA_F
ClientSampleId :
VNJ-232

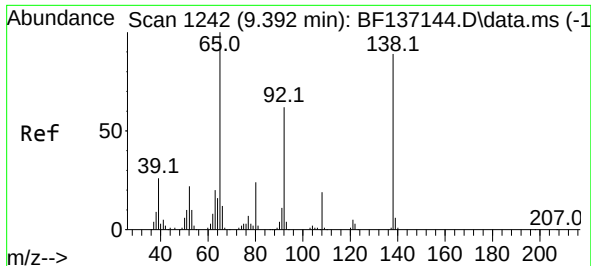
Tgt Ion:330 Resp: 235332
Ion Ratio Lower Upper
330 100
332 96.2 75.4 113.0
141 29.4 24.8 37.2



#45
2-Fluorobiphenyl
Concen: 115.279 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF137156.D
Acq: 25 Jan 2024 19:31

Tgt Ion:172 Resp: 923975
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.7 18.8 28.2





#48

2-Nitroaniline

Concen: 4.925 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.229 min

Lab File: BF137156.D

Acq: 25 Jan 2024 19:31

Instrument :

BNA_F

ClientSampleId :

VNJ-232

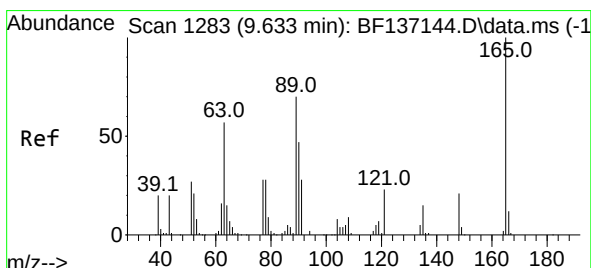
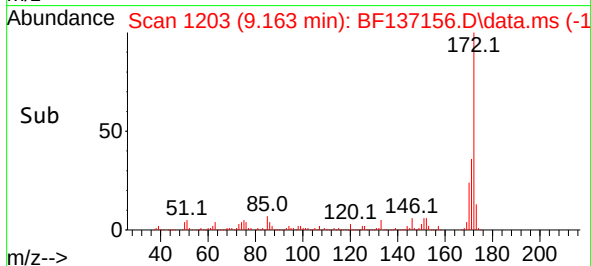
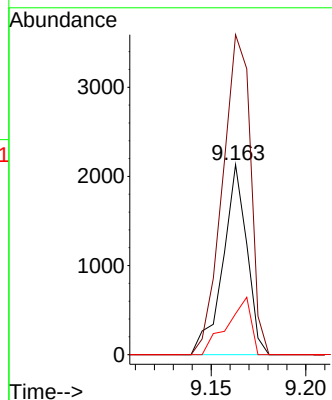
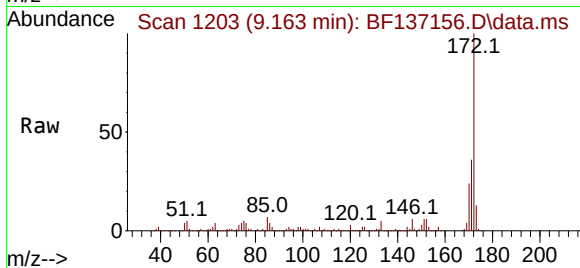
Tgt Ion: 65 Resp: 1877

Ion Ratio Lower Upper

65 100

92 168.3 49.4 74.2#

138 21.5 70.8 106.2#



#51

2,6-Dinitrotoluene

Concen: 11.431 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.206 min

Lab File: BF137156.D

Acq: 25 Jan 2024 19:31

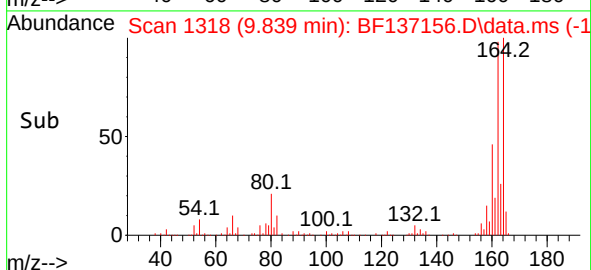
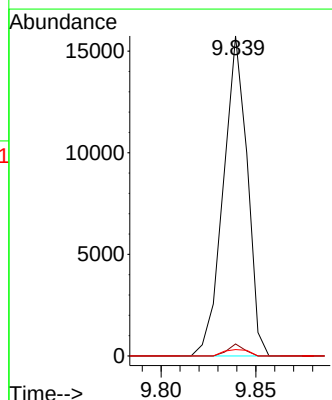
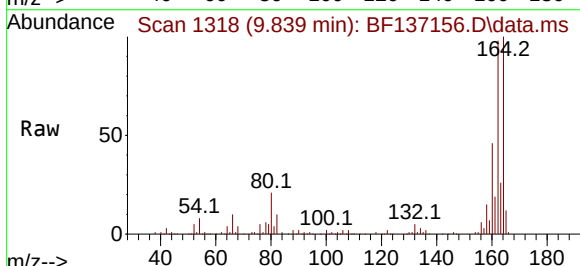
Tgt Ion:165 Resp: 13821

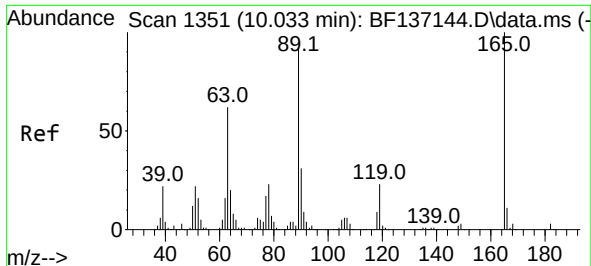
Ion Ratio Lower Upper

165 100

63 3.8 64.4 96.6#

89 2.0 55.7 83.5#

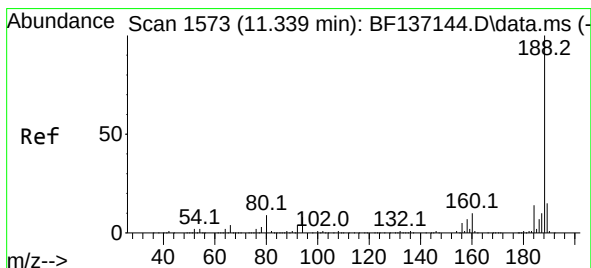
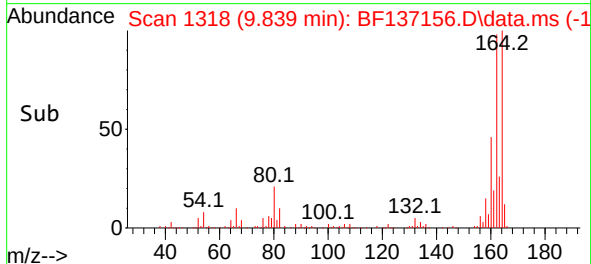
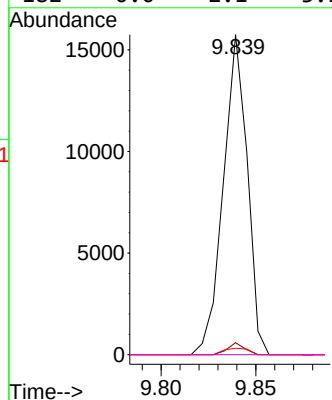
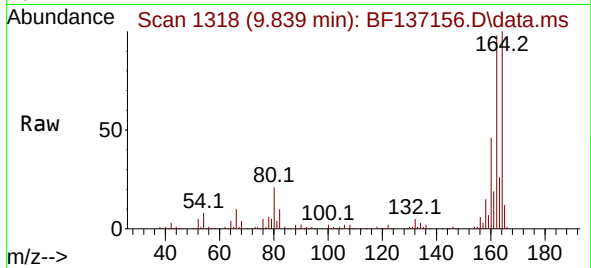




#57
2,4-Dinitrotoluene
Concen: 10.831 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137156.D
Acq: 25 Jan 2024 19:31

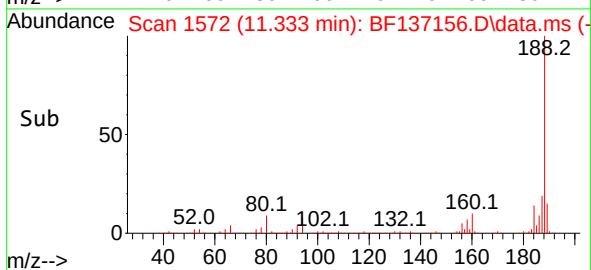
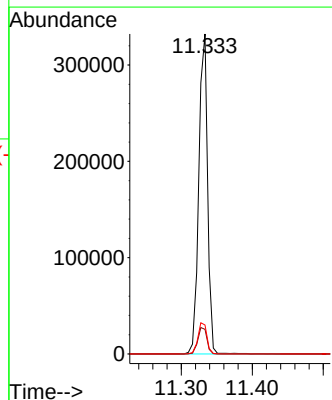
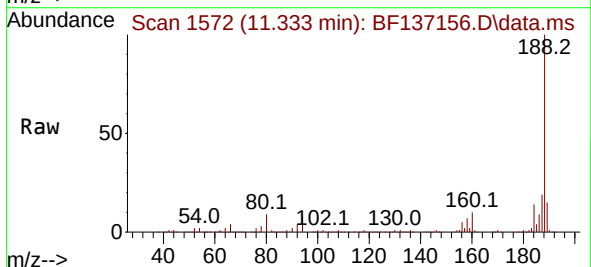
Instrument :
BNA_F
ClientSampleId :
VNJ-232

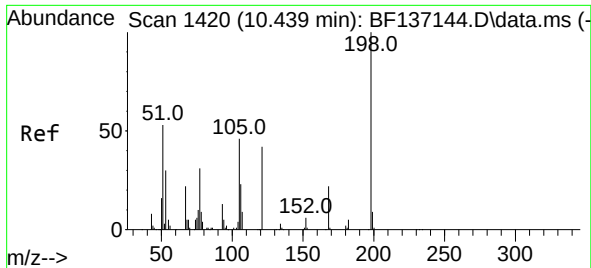
Tgt Ion:165 Resp: 13821
Ion Ratio Lower Upper
165 100
63 3.8 49.4 74.2#
89 2.0 73.5 110.3#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF137156.D
Acq: 25 Jan 2024 19:31

Tgt Ion:188 Resp: 286516
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 9.1 7.4 11.0

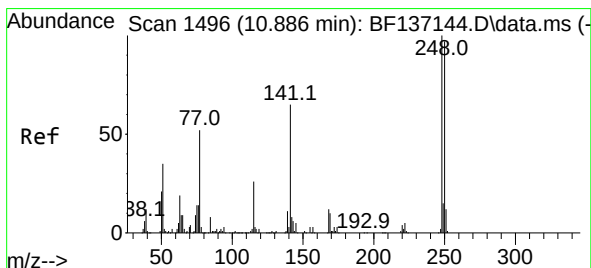
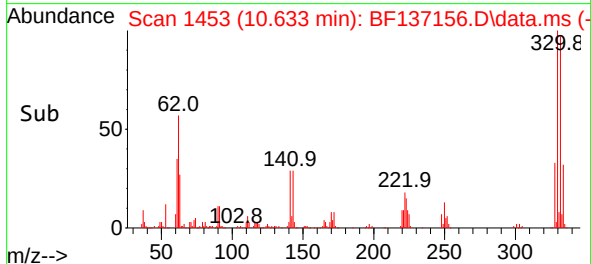
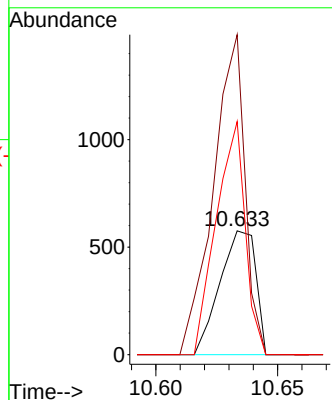
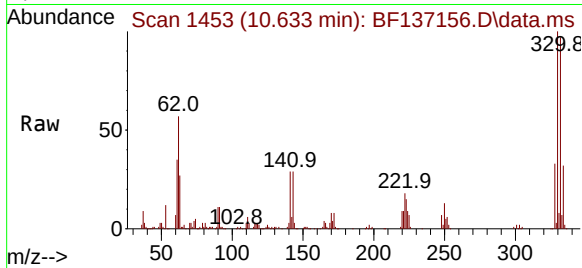




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.637 ng
 RT: 10.633 min Scan# 1420
 Delta R.T. 0.194 min
 Lab File: BF137156.D
 Acq: 25 Jan 2024 19:31

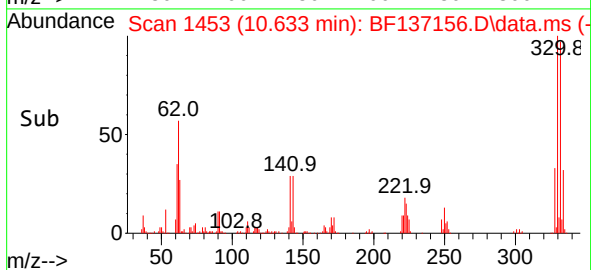
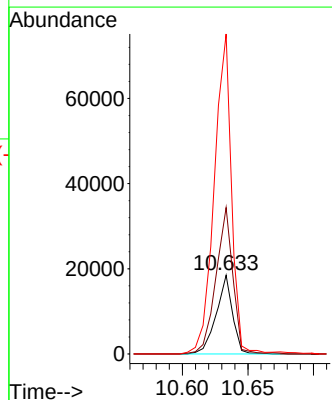
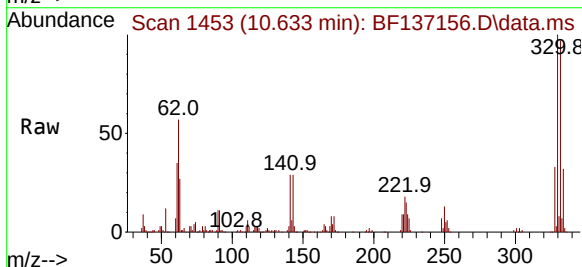
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

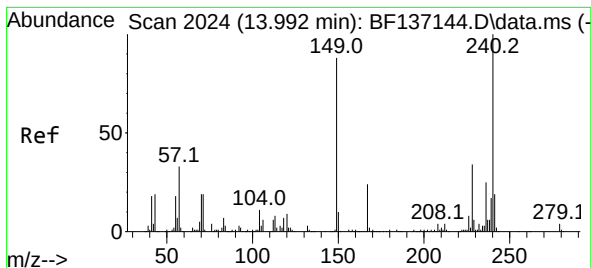
Tgt Ion:198 Resp: 589
 Ion Ratio Lower Upper
 198 100
 51 258.3 44.7 84.7#
 105 188.2 28.2 68.2#



#67
 4-Bromophenyl-phenylether
 Concen: 4.854 ng
 RT: 10.633 min Scan# 1453
 Delta R.T. -0.253 min
 Lab File: BF137156.D
 Acq: 25 Jan 2024 19:31

Tgt Ion:248 Resp: 16024
 Ion Ratio Lower Upper
 248 100
 250 186.1 77.7 116.5#
 141 406.8 52.3 78.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137156.D

Acq: 25 Jan 2024 19:31

Instrument :

BNA_F

ClientSampleId :

VNJ-232

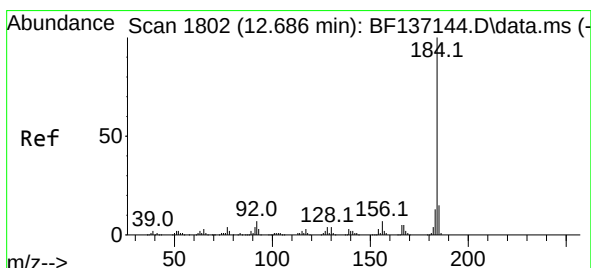
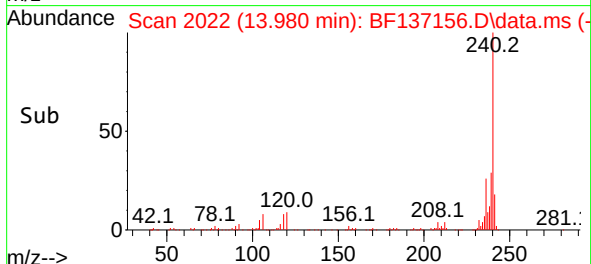
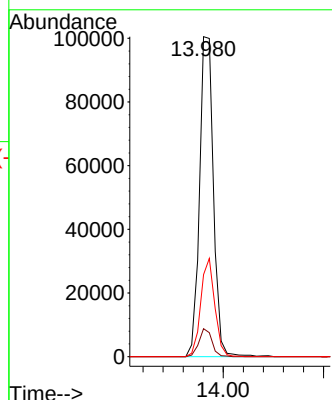
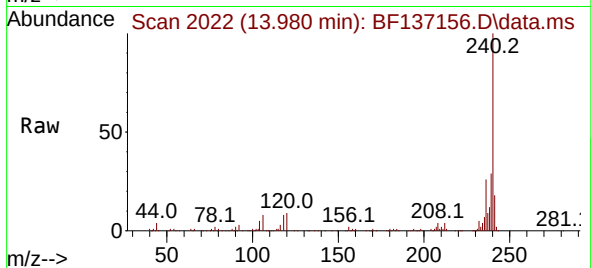
Tgt Ion:240 Resp: 97567

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

236 25.7 20.4 30.6



#77

Benzdine

Concen: 7.181 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.247 min

Lab File: BF137156.D

Acq: 25 Jan 2024 19:31

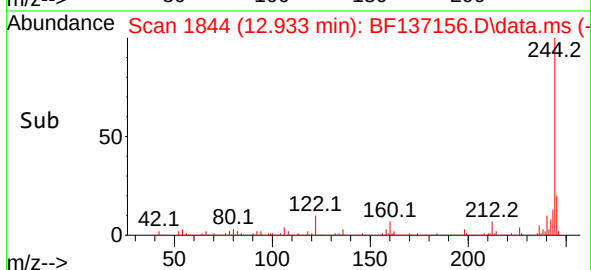
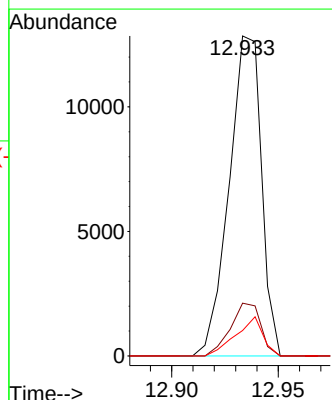
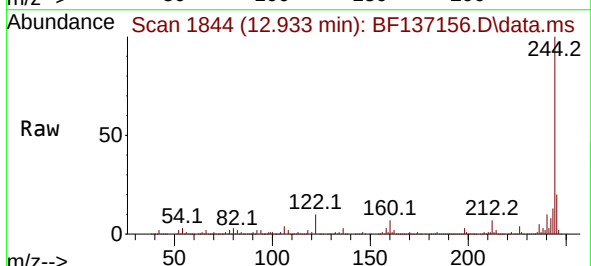
Tgt Ion:184 Resp: 13588

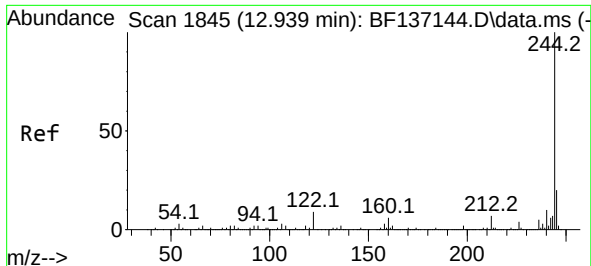
Ion Ratio Lower Upper

184 100

185 16.5 12.2 18.4

183 7.9 10.0 15.0#

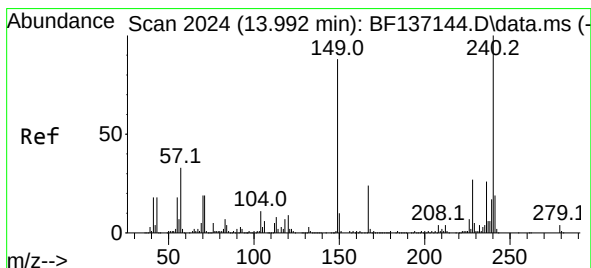
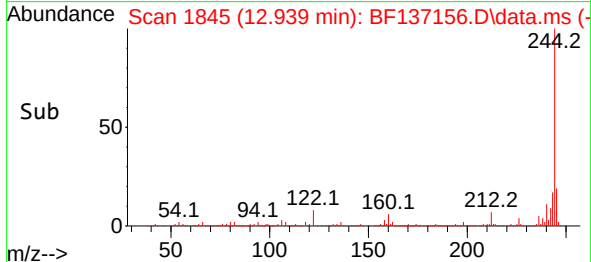
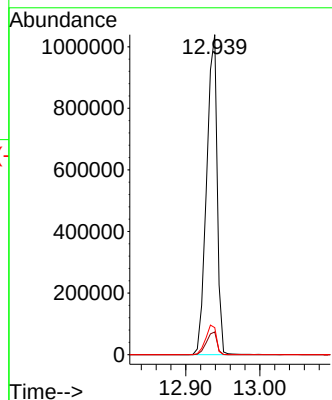
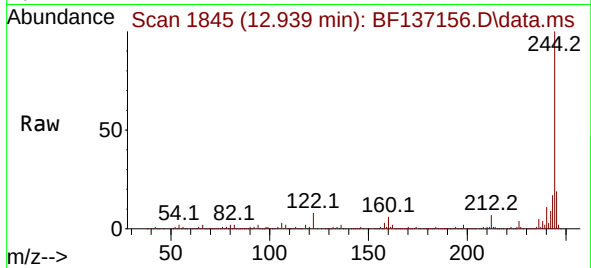




#79
 Terphenyl-d14
 Concen: 150.854 ng
 RT: 12.939 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137156.D
 Acq: 25 Jan 2024 19:31

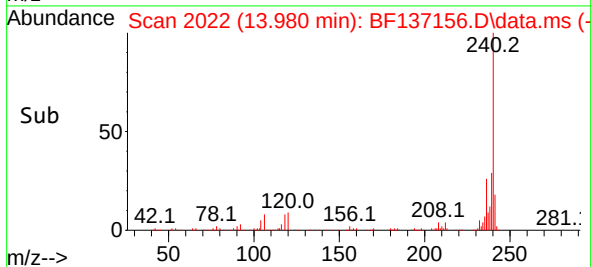
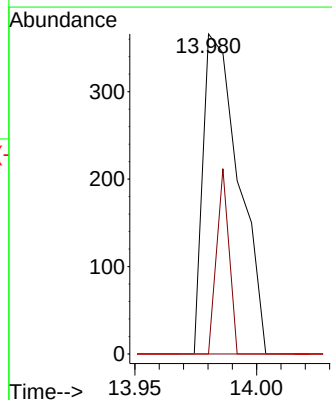
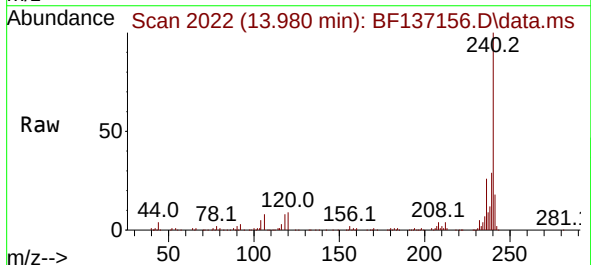
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

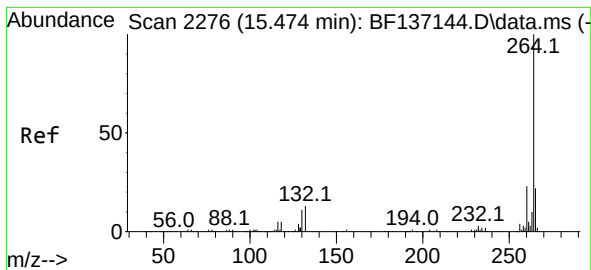
Tgt Ion:244 Resp: 1029280
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 8.4 7.3 10.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.393 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. -0.012 min
 Lab File: BF137156.D
 Acq: 25 Jan 2024 19:31

Tgt Ion:149 Resp: 373
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.7 32.5#
 279 0.0 3.6 5.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137156.D

Acq: 25 Jan 2024 19:31

Instrument :

BNA_F

ClientSampleId :

VNJ-232

Tgt Ion:264 Resp: 21001

Ion Ratio Lower Upper

264 100

260 26.4 18.5 27.7

265 21.6 17.2 25.8

