

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137418.D
 Acq On : 27 Feb 2024 21:40
 Operator : CG\JU
 Sample : P1585-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Quant Time: Feb 28 05:25:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

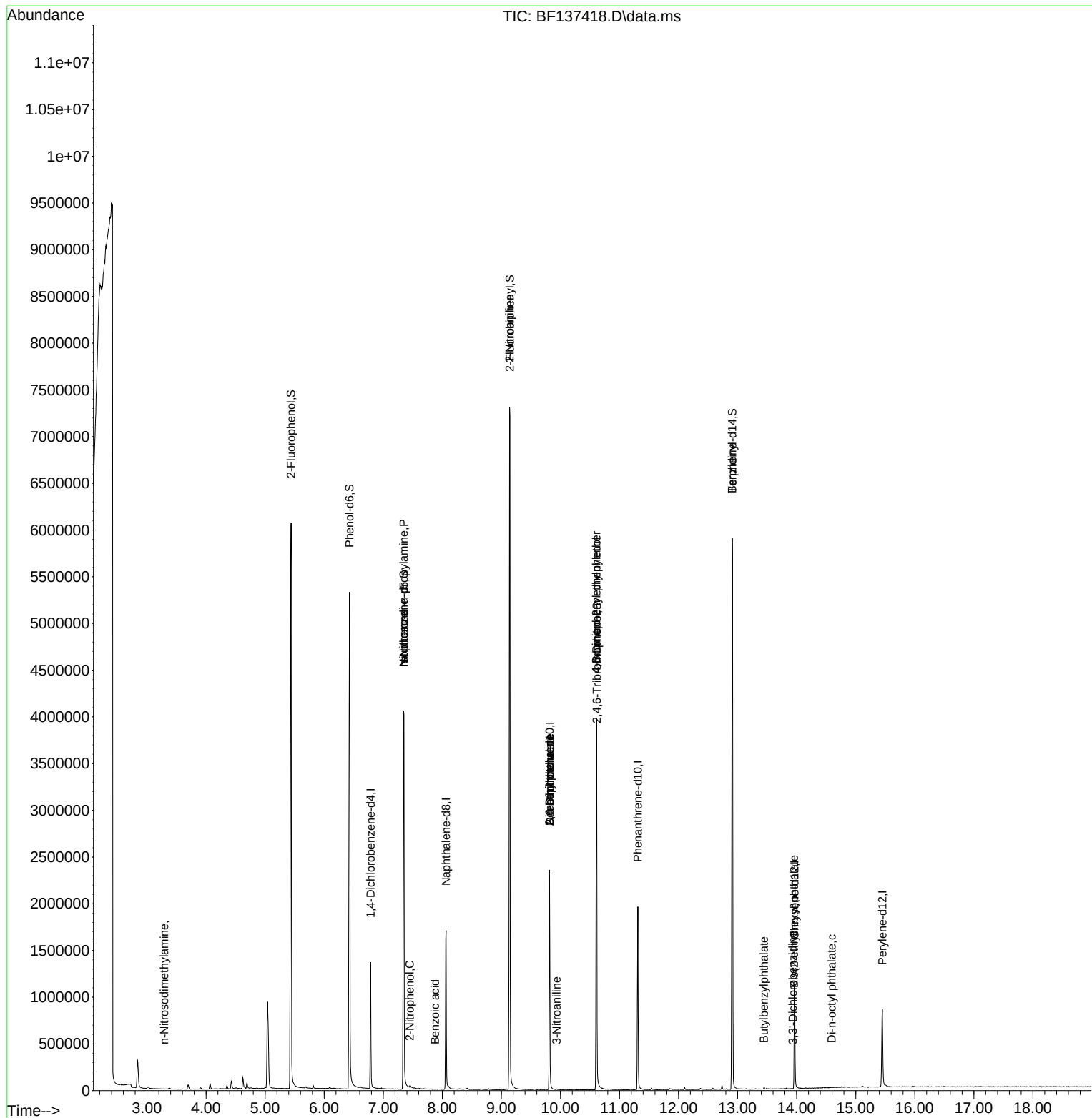
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	206405	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	815455	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	444679	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	684307	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	395831	20.000	ng	-0.02
86) Perylene-d12	15.451	264	410314	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1846618	138.048	ng	0.01
7) Phenol-d6	6.428	99	2363927	120.135	ng	-0.01
23) Nitrobenzene-d5	7.345	82	1688945	103.402	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	515802	133.204	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2622401	91.812	ng	-0.01
79) Terphenyl-d14	12.910	244	2321082	82.016	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.293	42	246	5.138	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	222468	18.347	ng	# 81
25) Isophorone	7.345	82	1688936	50.001	ng	# 69
26) 2-Nitrophenol	7.451	139	250	2.939	ng	# 33
32) Benzoic acid	7.875	122	207	6.974	ng	# 36
48) 2-Nitroaniline	9.139	65	4841	4.837	ng	# 1
50) Dimethylphthalate	9.816	163	68327	2.224	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	57648	10.085	ng	# 26
53) 3-Nitroaniline	9.933	138	667	2.457	ng	# 1
57) 2,4-Dinitrotoluene	9.816	165	57707	8.871	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	1209	4.833	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	35147	4.778	ng	# 1
77) Benzidine	12.910	184	28747	10.573	ng	# 92
80) Butylbenzylphthalate	13.445	149	58	3.994	ng	# 10
82) 3,3'-Dichlorobenzidine	13.933	252	378	5.086	ng	# 27
84) Bis(2-ethylhexyl)phtha...	13.957	149	992	4.248	ng	# 90
85) Di-n-octyl phthalate	14.592	149	397	6.042	ng	# 1

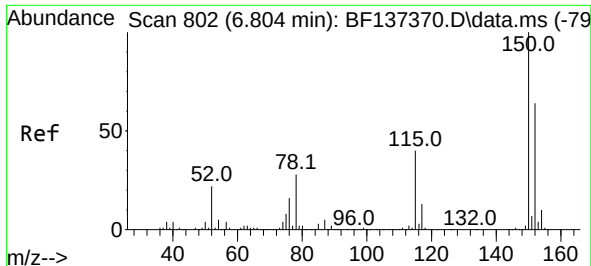
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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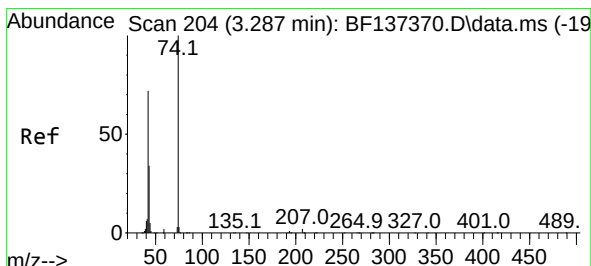
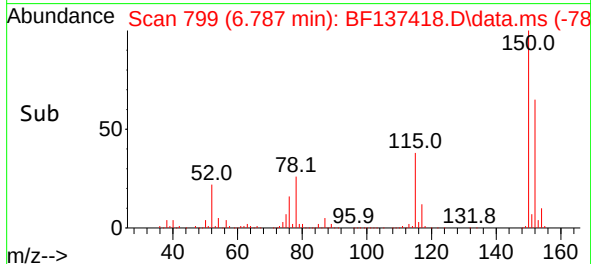
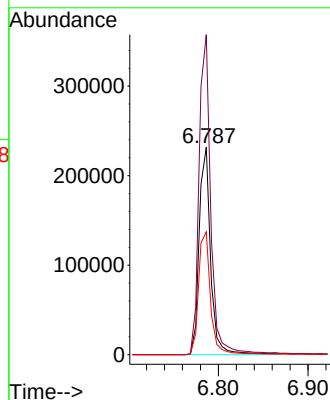
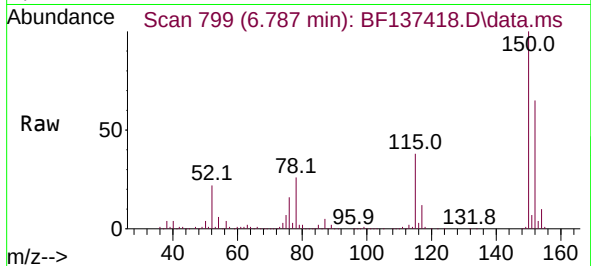




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

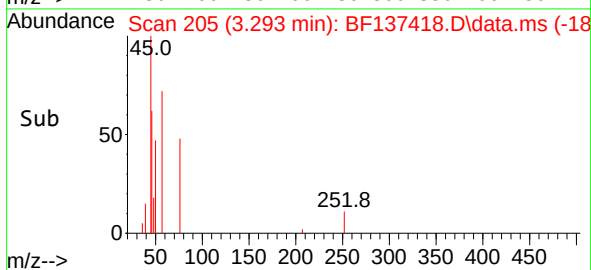
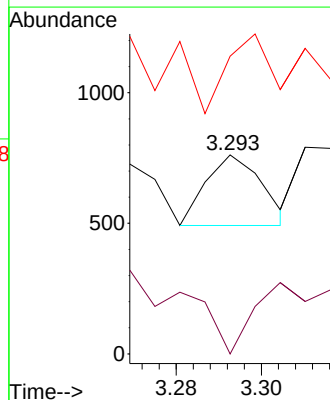
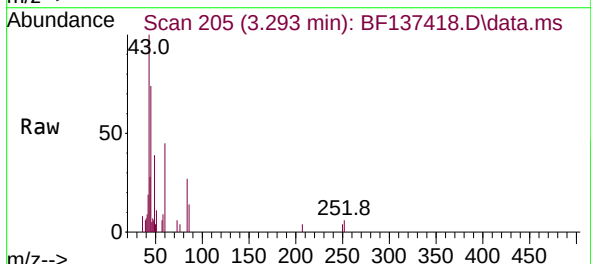
Instrument :
BNA_F
ClientSampleId :
VNJ-232

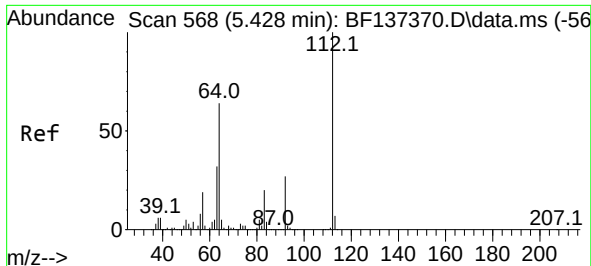
Tgt Ion:152 Resp: 206405
Ion Ratio Lower Upper
152 100
150 154.3 125.7 188.5
115 59.3 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.138 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.006 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

Tgt Ion: 42 Resp: 246
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 149.6 6.0 9.0#

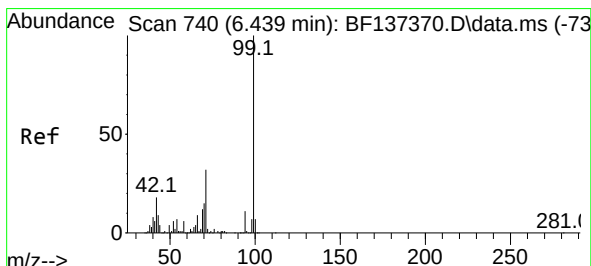
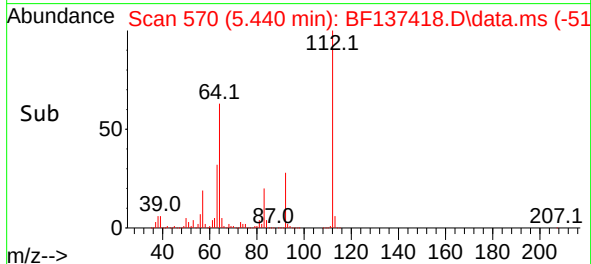
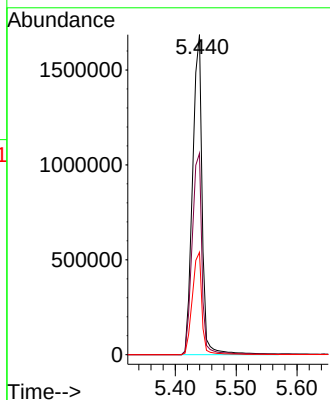
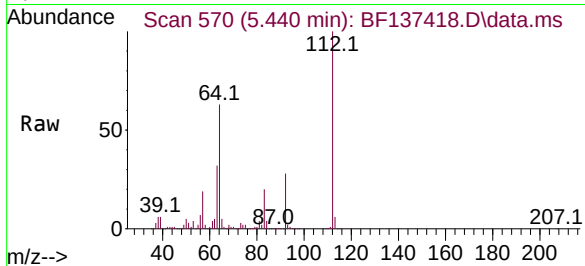




#5
2-Fluorophenol
Concen: 138.048 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

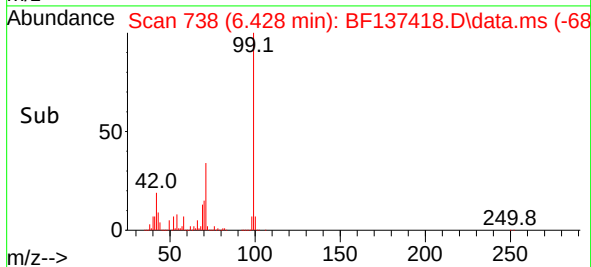
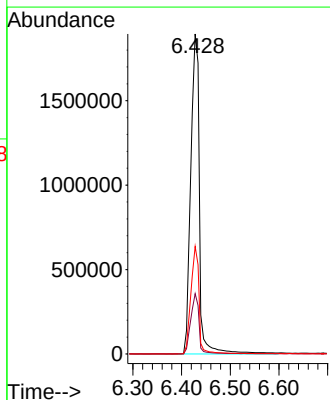
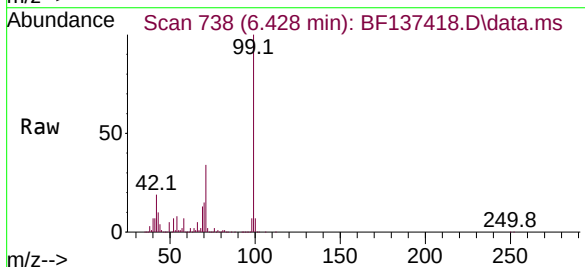
Instrument :
BNA_F
ClientSampleId :
VNJ-232

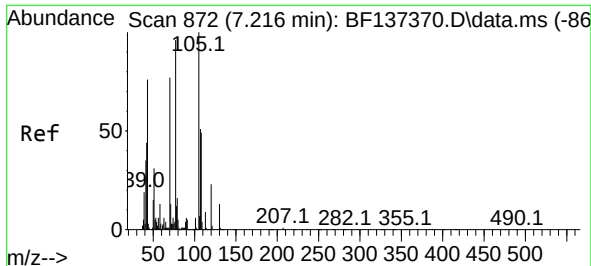
Tgt Ion:112 Resp: 1846618
Ion Ratio Lower Upper
112 100
64 62.9 51.0 76.6
63 32.0 25.7 38.5



#7
Phenol-d6
Concen: 120.135 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

Tgt Ion: 99 Resp: 2363927
Ion Ratio Lower Upper
99 100
42 18.8 14.2 21.4
71 33.6 25.2 37.8

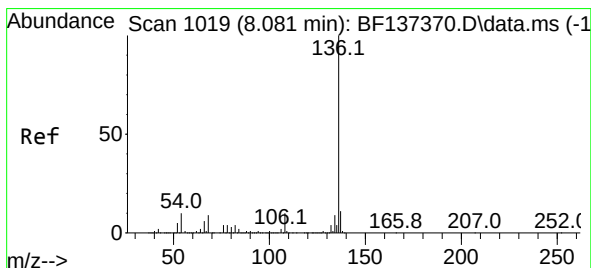
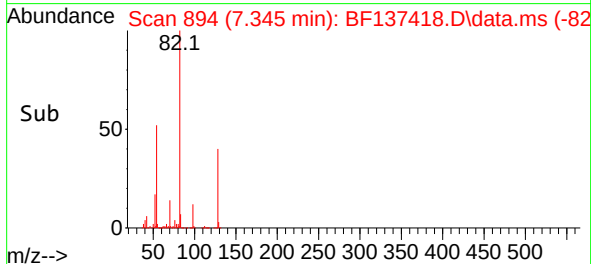
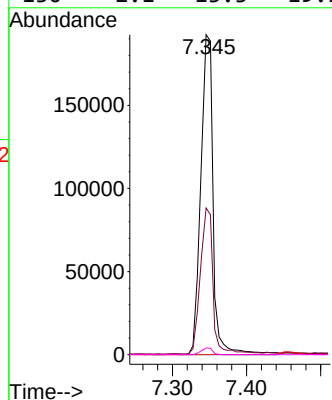
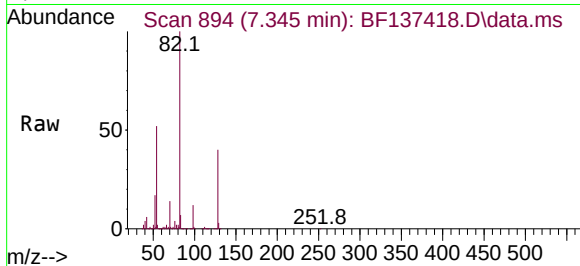




#19
n-Nitroso-di-n-propylamine
Concen: 18.347 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

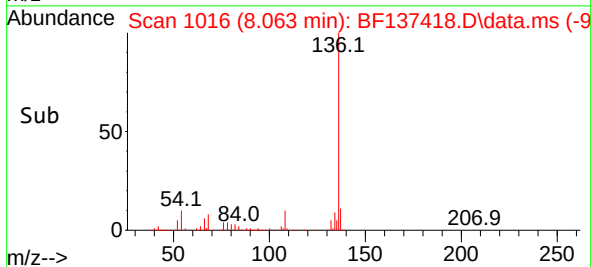
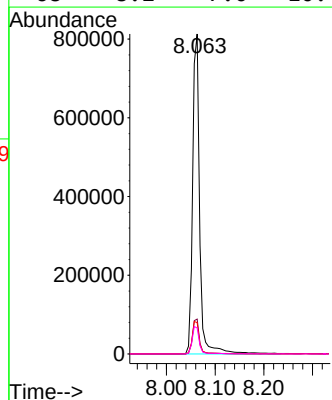
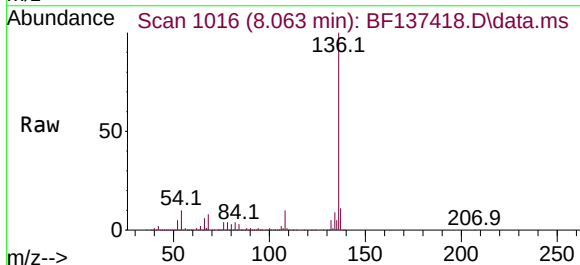
Instrument :
BNA_F
ClientSampleId :
VNJ-232

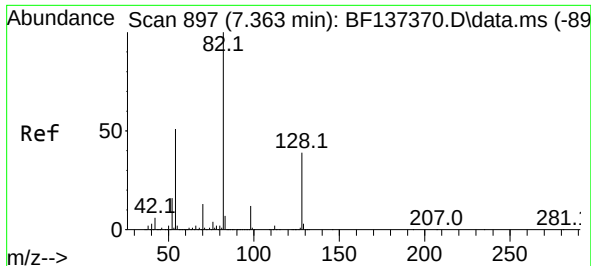
Tgt Ion:	70	Resp:	222468
Ion	Ratio	Lower	Upper
70	100		
42	45.9	45.3	67.9
101	0.0	6.5	9.7#
130	2.1	13.3	19.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

Tgt Ion:	136	Resp:	815455
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.8	7.8	11.6
68	8.2	7.0	10.4





#23

Nitrobenzene-d5

Concen: 103.402 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF137418.D

Acq: 27 Feb 2024 21:40

Instrument :

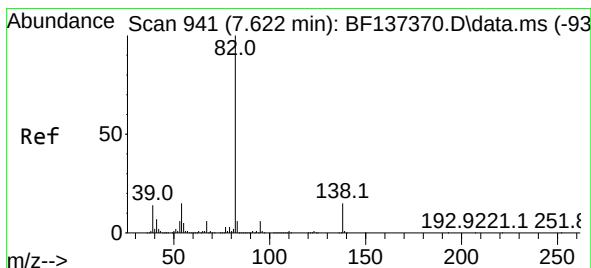
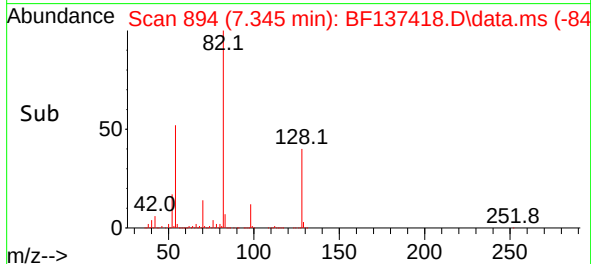
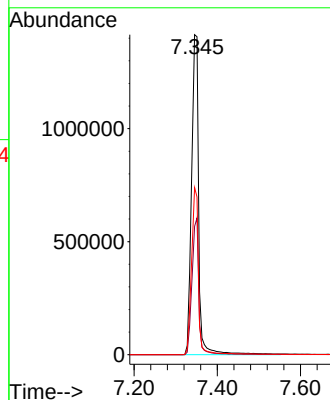
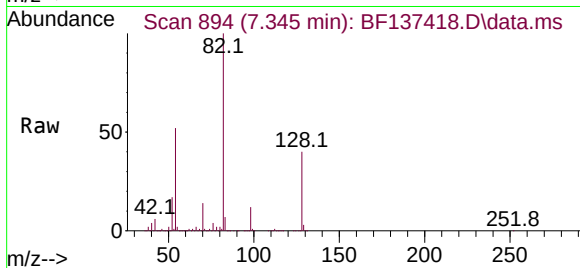
BNA_F

ClientSampleId :

VNJ-232

Tgt Ion: 82 Resp: 1688945

Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.8	46.2
54	52.2	40.8	61.2



#25

Isophorone

Concen: 50.001 ng

RT: 7.345 min Scan# 894

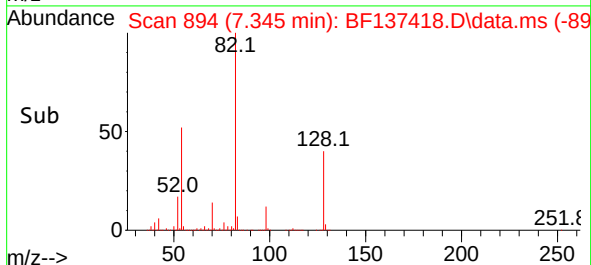
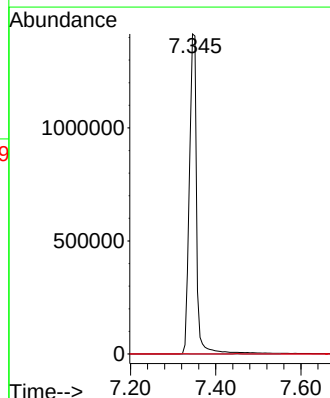
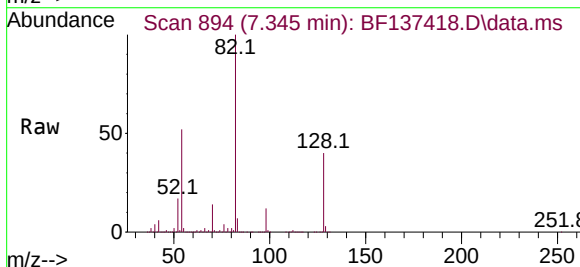
Delta R.T. -0.276 min

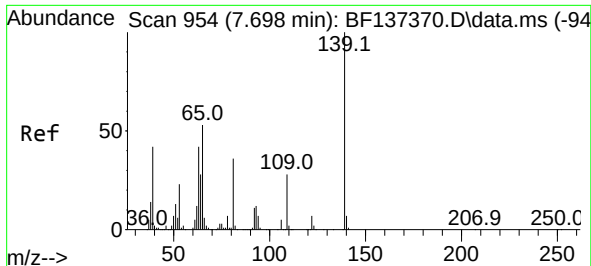
Lab File: BF137418.D

Acq: 27 Feb 2024 21:40

Tgt Ion: 82 Resp: 1688936

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.2	18.4#

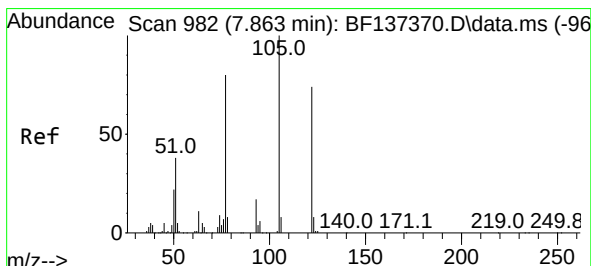
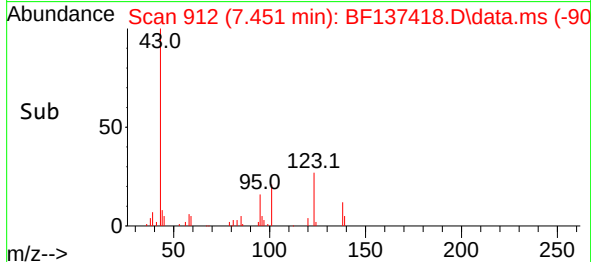
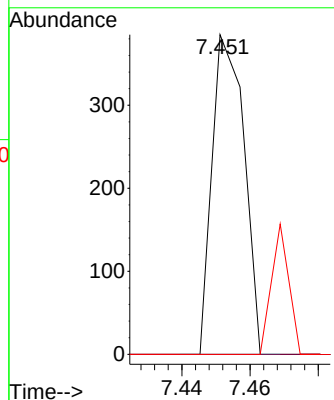
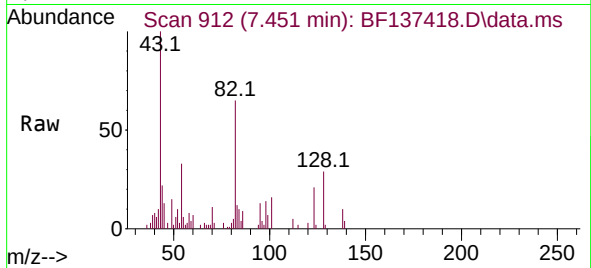




#26
2-Nitrophenol
Concen: 2.939 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.247 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

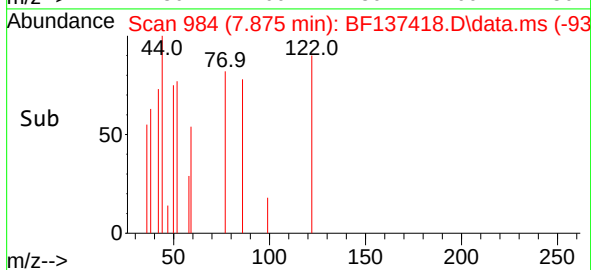
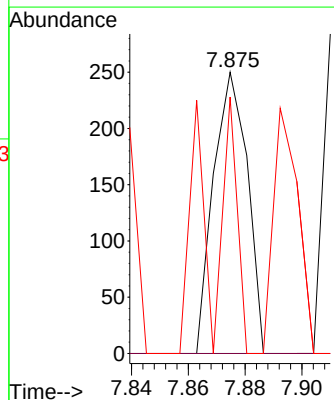
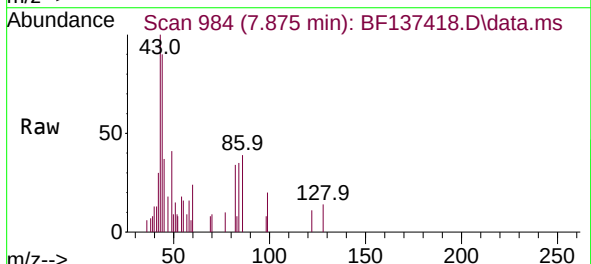
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ClientSampleId :
VNJ-232

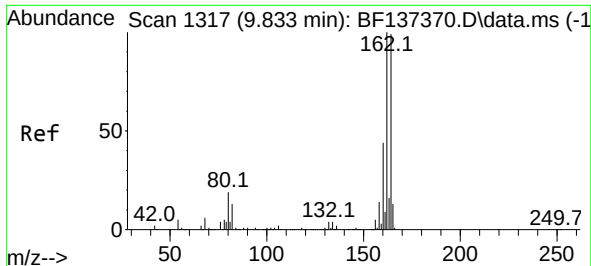
Tgt Ion:139 Resp: 250
Ion Ratio Lower Upper
139 100
109 0.0 22.5 33.7#
65 0.0 42.3 63.5#



#32
Benzoic acid
Concen: 6.974 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

Tgt Ion:122 Resp: 207
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 91.2 82.8 122.8

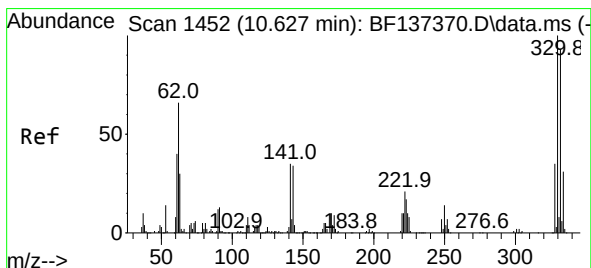
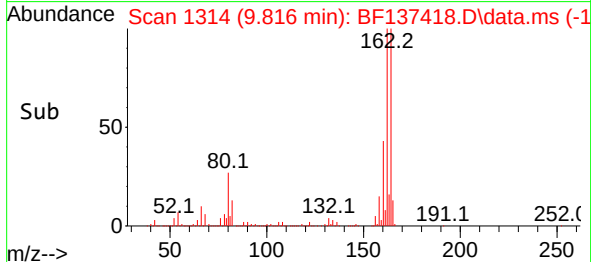
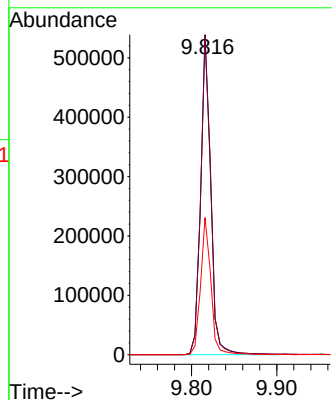
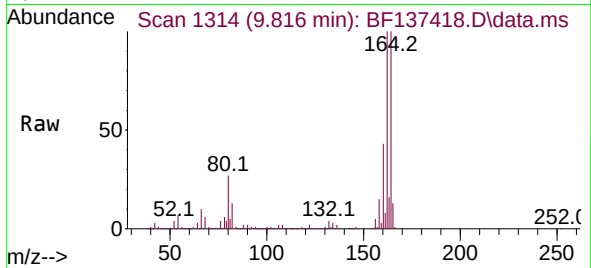




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

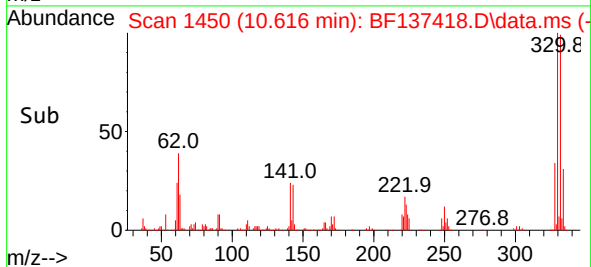
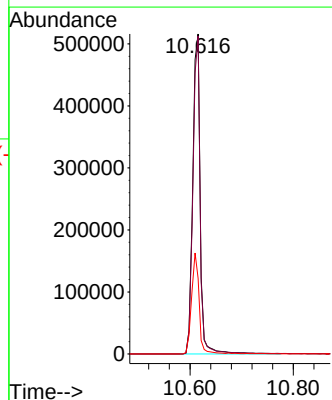
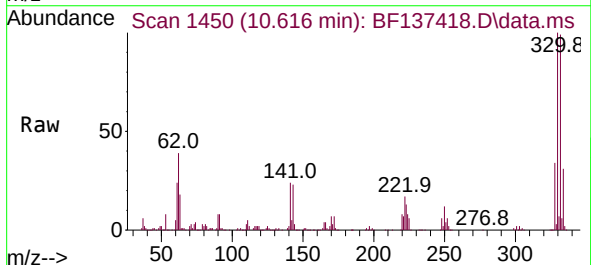
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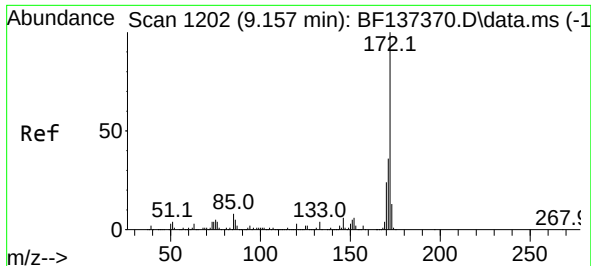
Tgt Ion:164 Resp: 444679
Ion Ratio Lower Upper
164 100
162 99.8 81.2 121.8
160 42.9 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 133.204 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

Tgt Ion:330 Resp: 515802
Ion Ratio Lower Upper
330 100
332 96.3 75.6 113.4
141 31.7 28.6 42.8

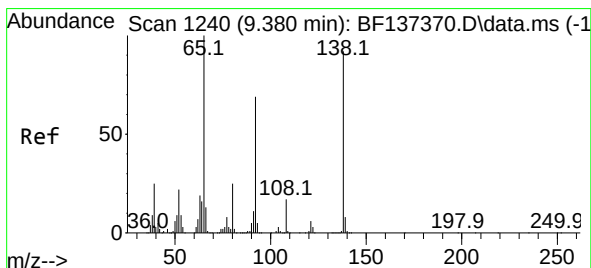
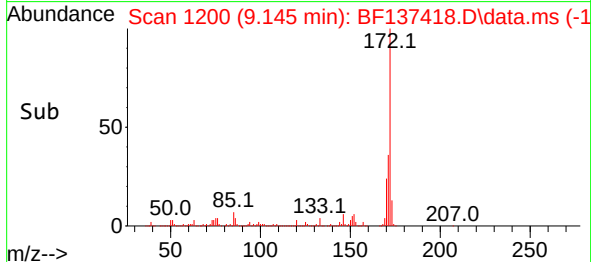
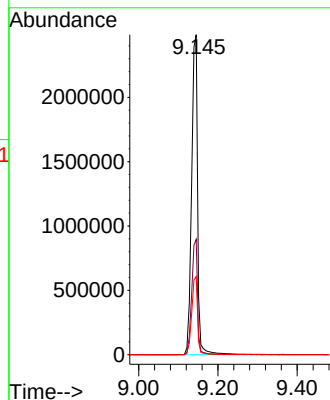
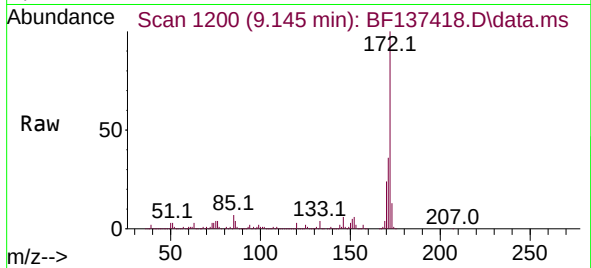




#45
2-Fluorobiphenyl
Concen: 91.812 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

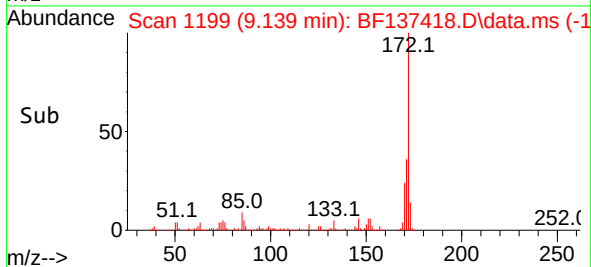
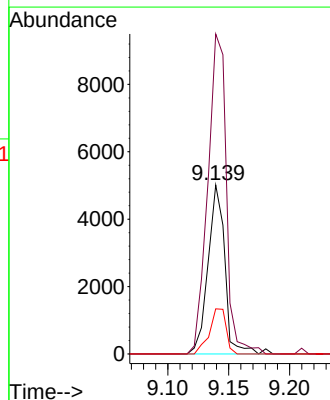
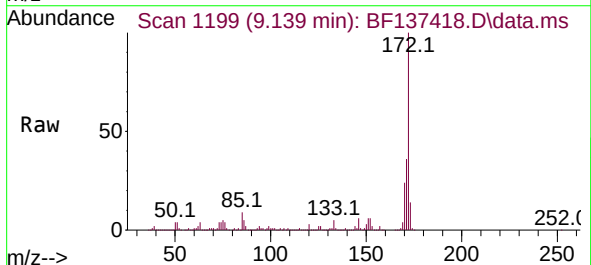
Instrument :
BNA_F
ClientSampleId :
VNJ-232

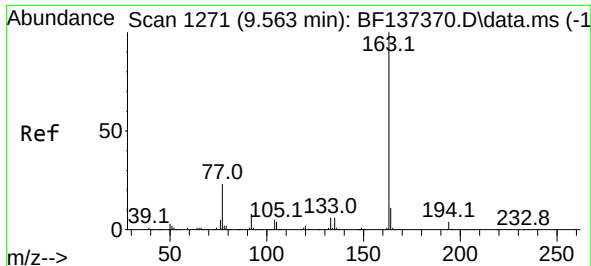
Tgt Ion:172 Resp: 2622401
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.4 19.5 29.3



#48
2-Nitroaniline
Concen: 4.837 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.241 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

Tgt Ion: 65 Resp: 4841
Ion Ratio Lower Upper
65 100
92 189.4 55.0 82.6#
138 26.7 73.7 110.5#

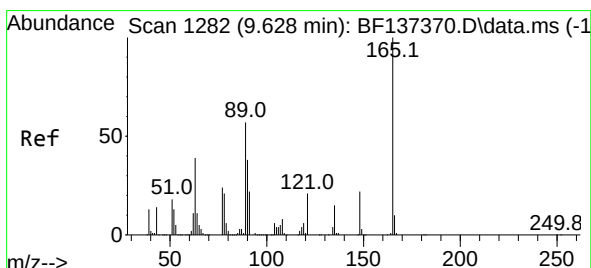
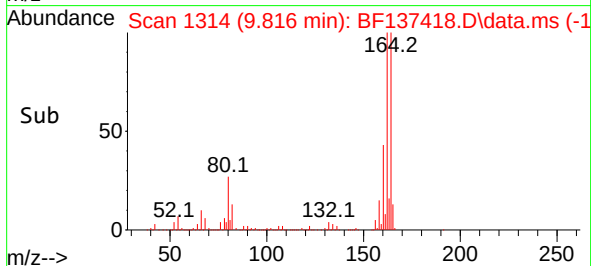
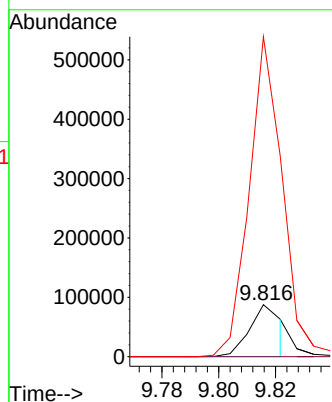
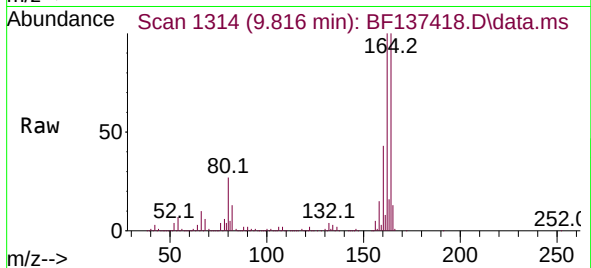




#50
Dimethylphthalate
Concen: 2.224 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.253 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

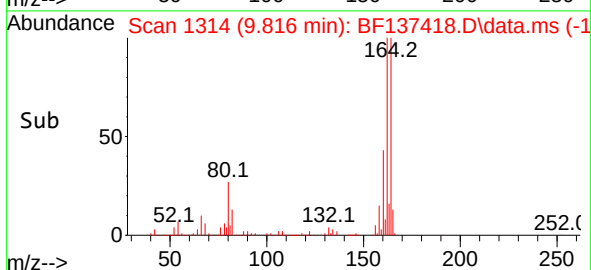
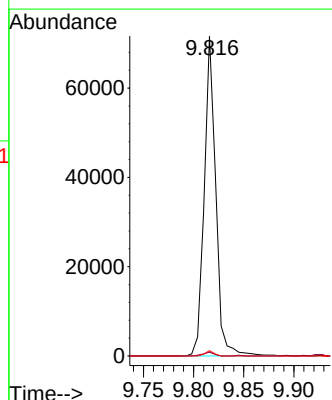
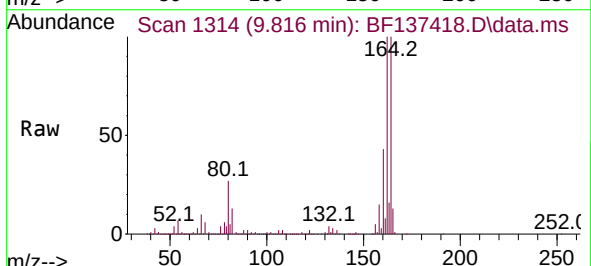
Instrument :
BNA_F
ClientSampleId :
VNJ-232

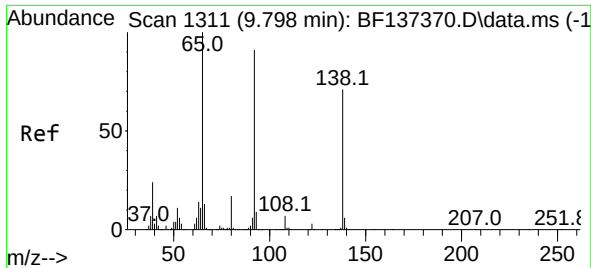
Tgt Ion:163 Resp: 68327
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 615.7 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 10.085 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.188 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

Tgt Ion:165 Resp: 57648
Ion Ratio Lower Upper
165 100
63 1.2 41.6 62.4#
89 1.6 45.8 68.6#

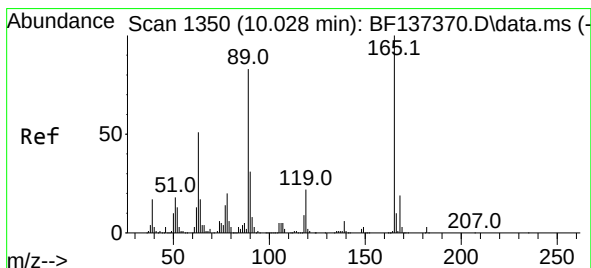
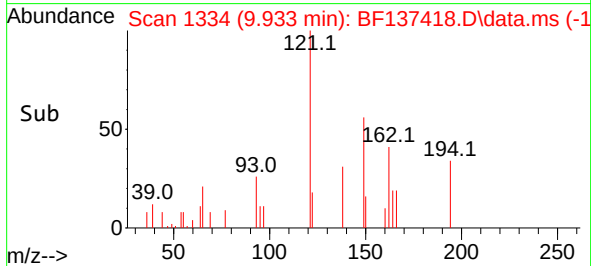
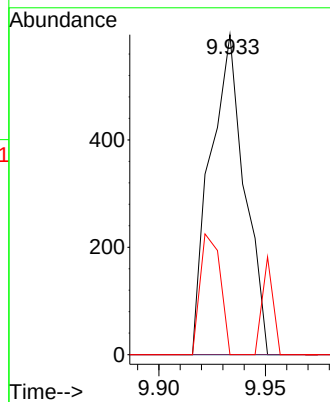
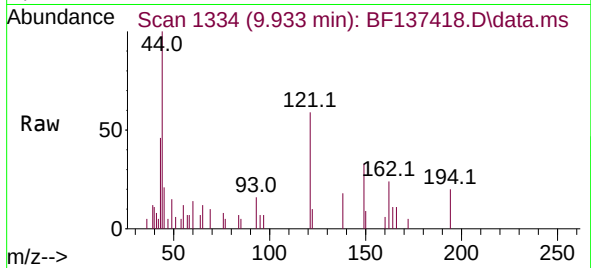




#53
3-Nitroaniline
Concen: 2.457 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

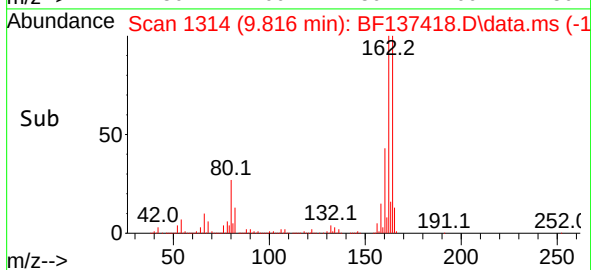
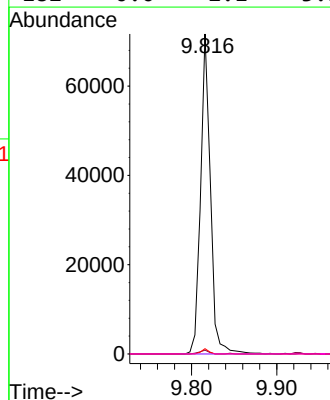
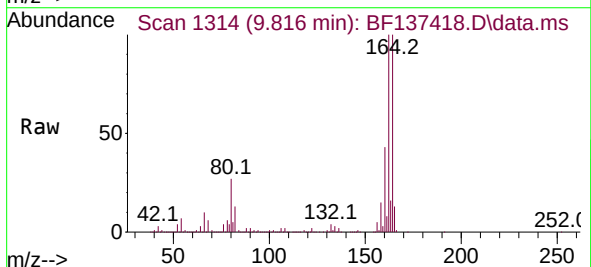
Instrument :
BNA_F
ClientSampleId :
VNJ-232

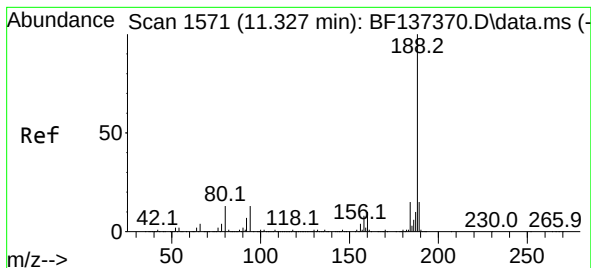
Tgt Ion:138 Resp: 667
Ion Ratio Lower Upper
138 100
108 0.0 8.2 12.2#
92 0.0 102.2 153.2#



#57
2,4-Dinitrotoluene
Concen: 8.871 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.212 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

Tgt Ion:165 Resp: 57707
Ion Ratio Lower Upper
165 100
63 1.2 41.1 61.7#
89 1.6 66.6 100.0#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF137418.D

Acq: 27 Feb 2024 21:40

Instrument :

BNA_F

ClientSampleId :

VNJ-232

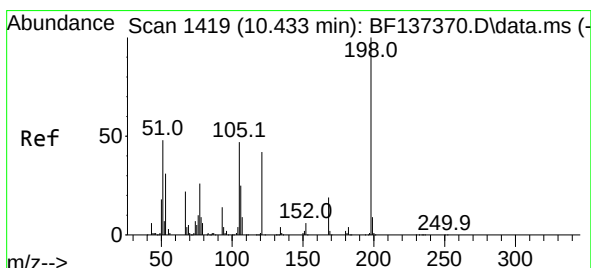
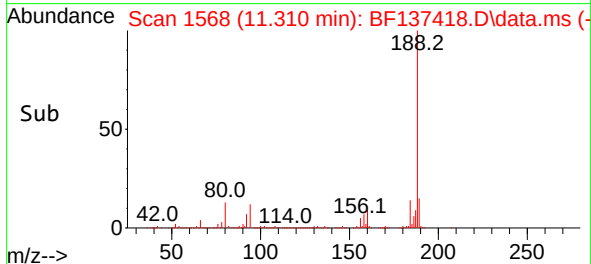
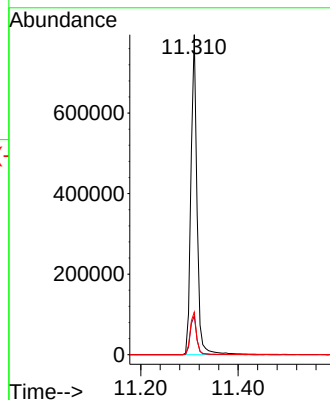
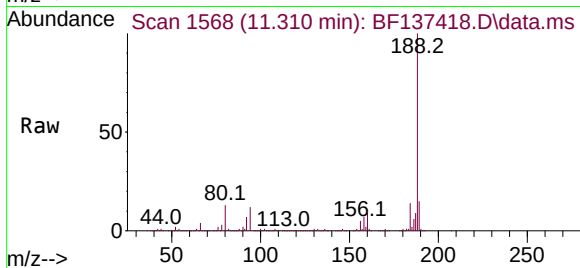
Tgt Ion:188 Resp: 684307

Ion Ratio Lower Upper

188 100

94 12.1 10.2 15.2

80 13.3 10.7 16.1



#65

4,6-Dinitro-2-methylphenol

Concen: 4.833 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.177 min

Lab File: BF137418.D

Acq: 27 Feb 2024 21:40

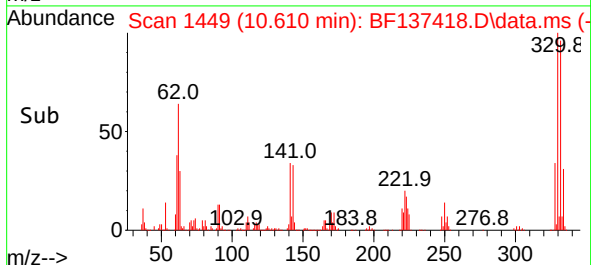
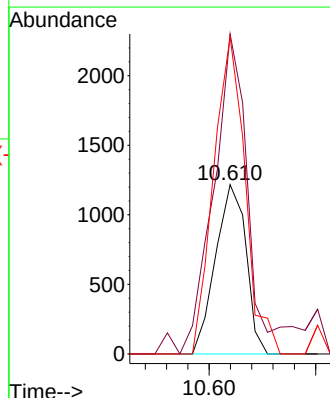
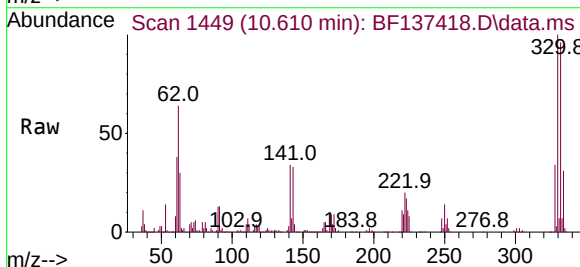
Tgt Ion:198 Resp: 1209

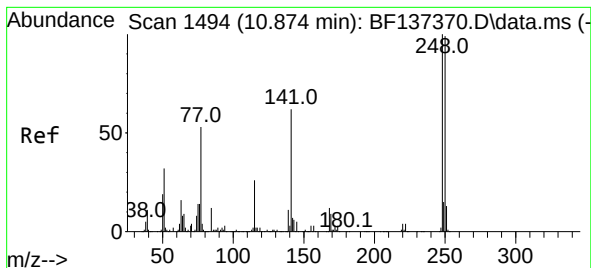
Ion Ratio Lower Upper

198 100

51 189.0 36.8 76.8#

105 187.3 28.5 68.5#

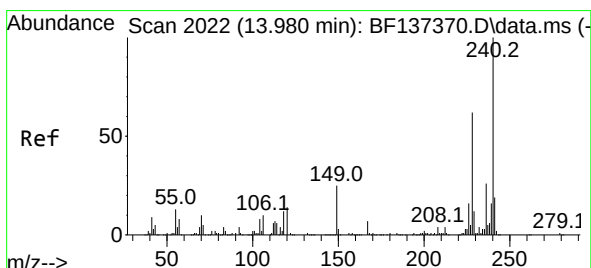
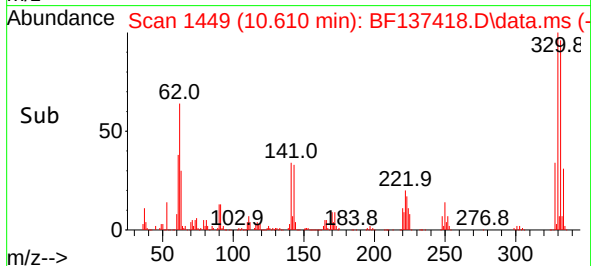
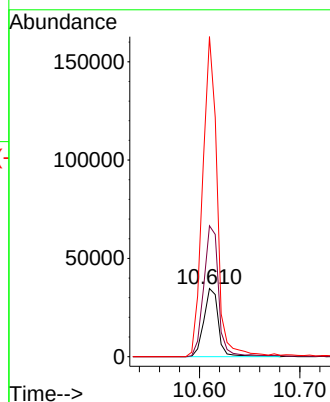
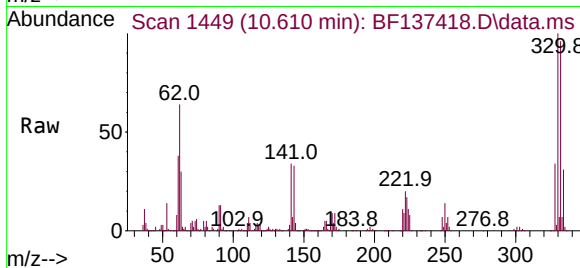




#67
4-Bromophenyl-phenylether
Concen: 4.778 ng
RT: 10.610 min Scan# 1494
Delta R.T. -0.265 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

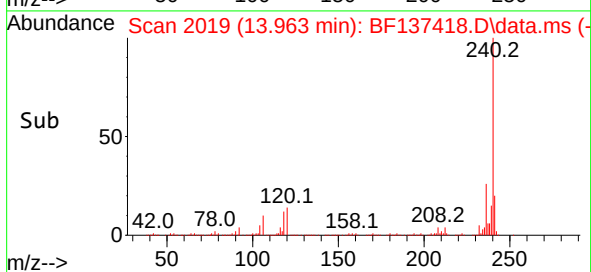
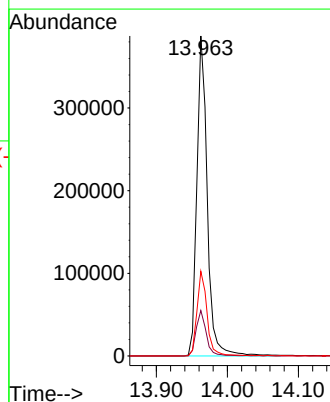
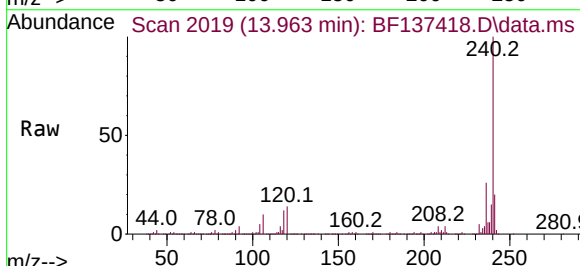
Instrument :
BNA_F
ClientSampleId :
VNJ-232

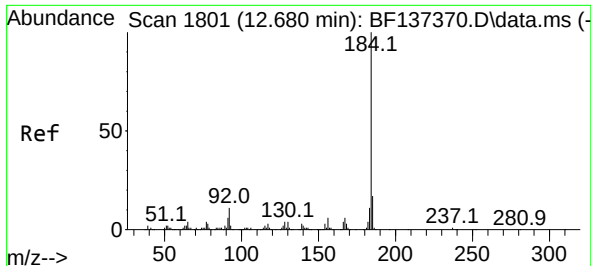
Tgt Ion:248 Resp: 35147
Ion Ratio Lower Upper
248 100
250 191.9 79.0 118.6#
141 469.0 49.9 74.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

Tgt Ion:240 Resp: 395831
Ion Ratio Lower Upper
240 100
120 14.2 11.3 16.9
236 26.5 20.5 30.7

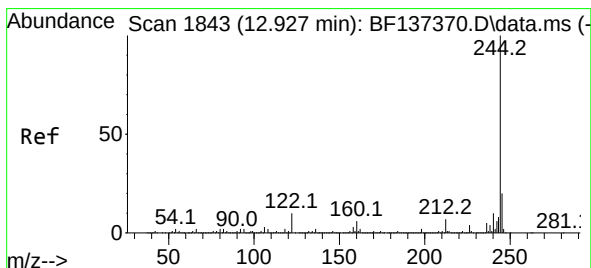
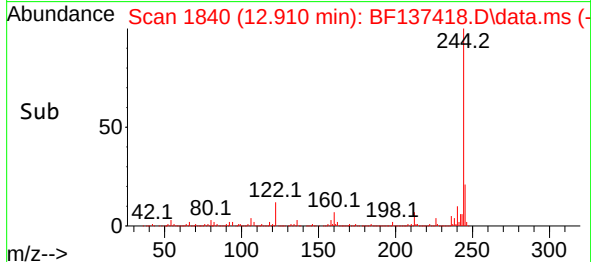
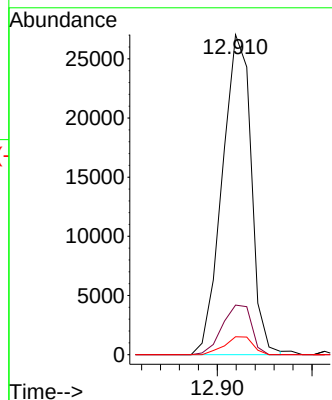
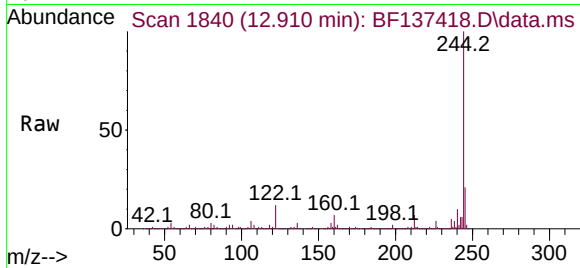




#77
Benzidine
Concen: 10.573 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.230 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

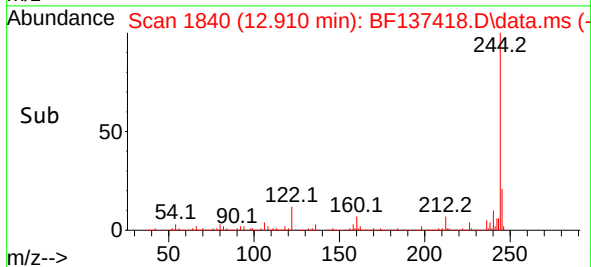
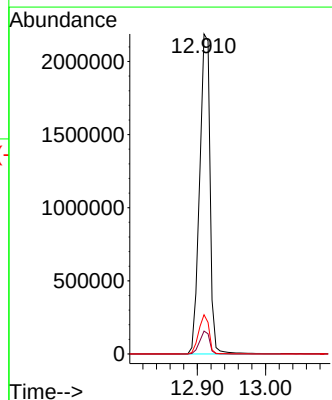
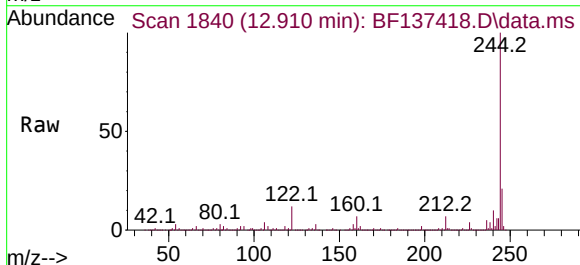
Instrument :
BNA_F
ClientSampleId :
VNJ-232

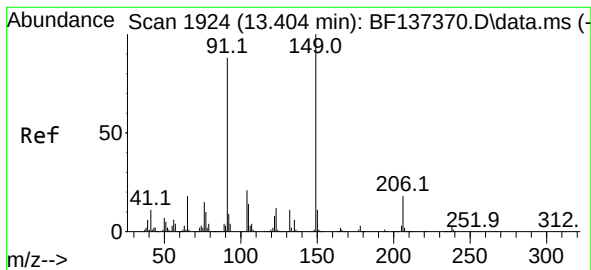
Tgt Ion:184 Resp: 28747
Ion Ratio Lower Upper
184 100
185 15.5 13.7 20.5
183 5.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 82.016 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

Tgt Ion:244 Resp: 2321082
Ion Ratio Lower Upper
244 100
212 7.2 5.3 7.9
122 12.2 8.2 12.4





#80

Butylbenzylphthalate

Concen: 3.994 ng

RT: 13.445 min Scan# 1924

Delta R.T. 0.041 min

Lab File: BF137418.D

Acq: 27 Feb 2024 21:40

Instrument :

BNA_F

ClientSampleId :

VNJ-232

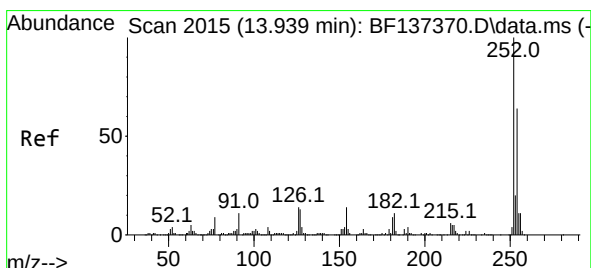
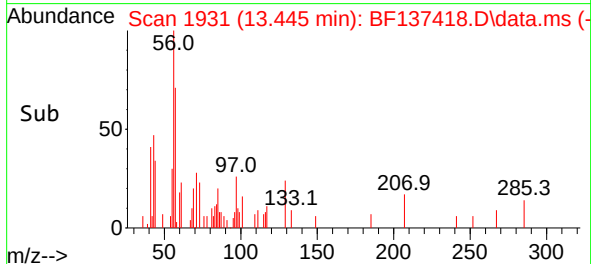
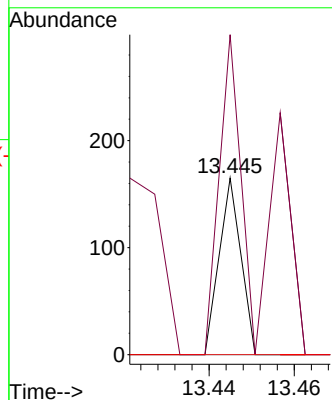
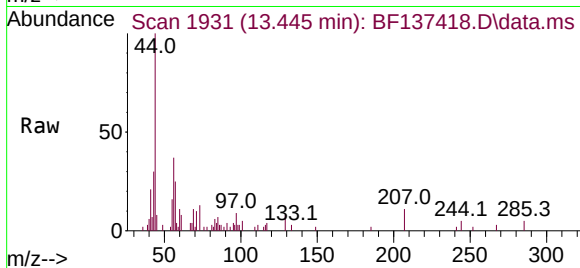
Tgt Ion:149 Resp: 58

Ion Ratio Lower Upper

149 100

91 181.2 70.5 105.7#

206 0.0 14.8 22.2#



#82

3,3'-Dichlorobenzidine

Concen: 5.086 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF137418.D

Acq: 27 Feb 2024 21:40

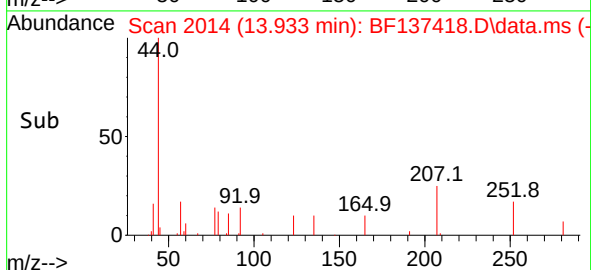
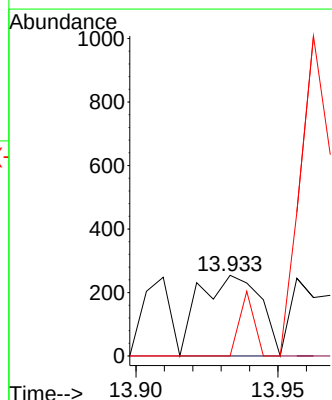
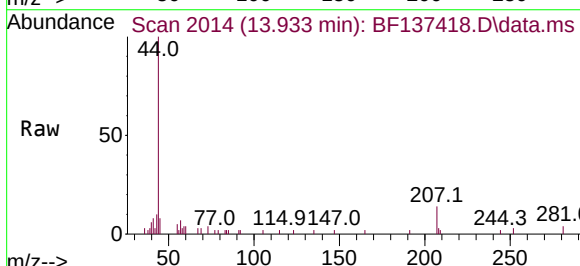
Tgt Ion:252 Resp: 378

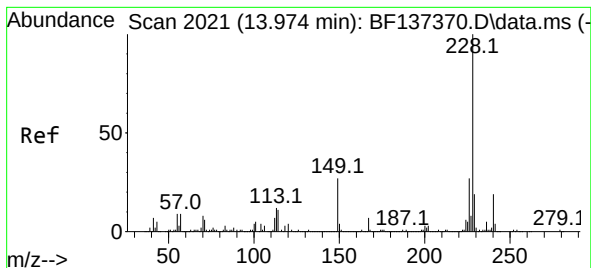
Ion Ratio Lower Upper

252 100

254 0.0 51.2 76.8#

126 0.0 11.1 16.7#

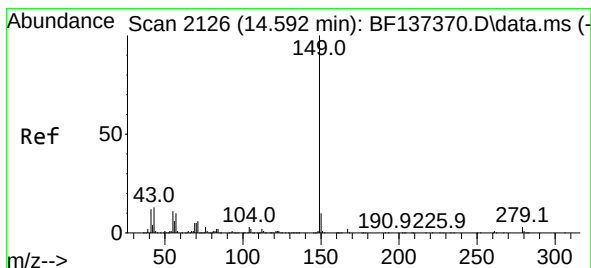
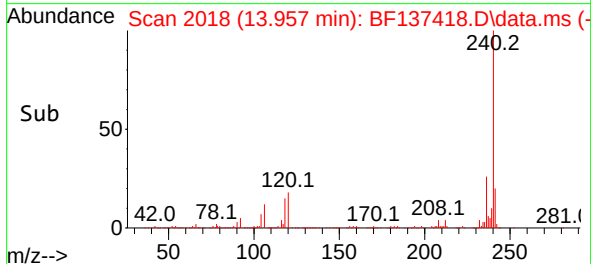
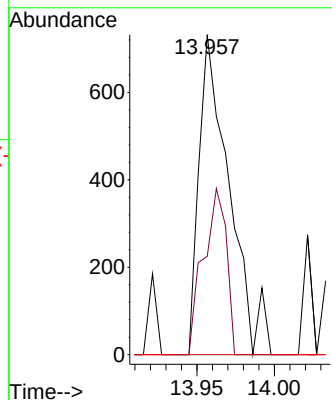
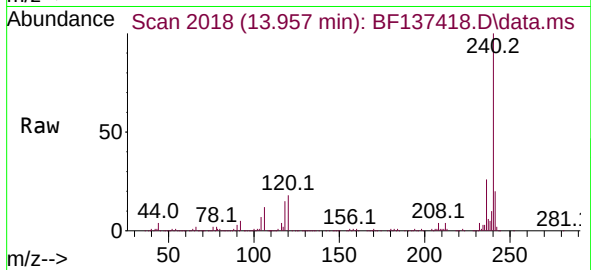




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.248 ng
RT: 13.957 min Scan# 2021
Delta R.T. -0.017 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

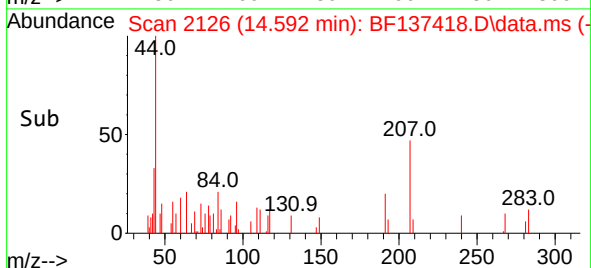
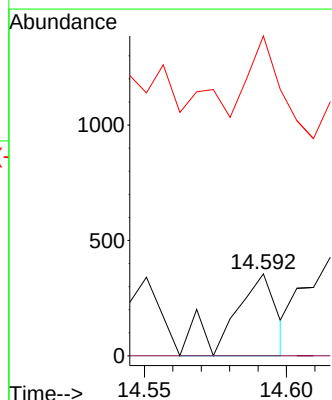
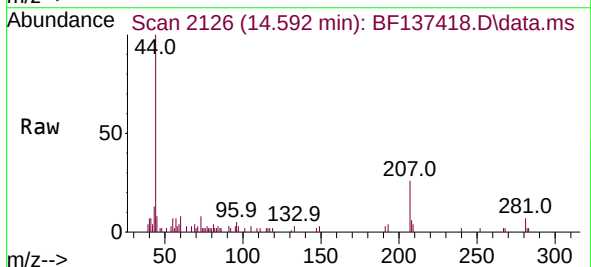
Instrument :
BNA_F
ClientSampleId :
VNJ-232

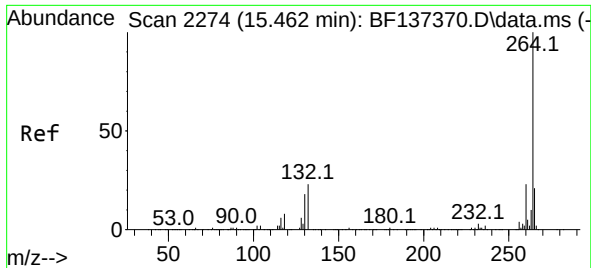
Tgt Ion:149 Resp: 992
Ion Ratio Lower Upper
149 100
167 30.7 20.6 31.0
279 0.0 2.7 4.1#



#85
Di-n-octyl phthalate
Concen: 6.042 ng
RT: 14.592 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

Tgt Ion:149 Resp: 397
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 88.7 13.7 20.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137418.D
Acq: 27 Feb 2024 21:40

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:264 Resp: 410314

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.2	16.9	25.3

