

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131337.D
 Acq On : 22 Nov 2022 19:01
 Operator : CG\JU
 Sample : N5751-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Quant Time: Nov 23 04:18:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

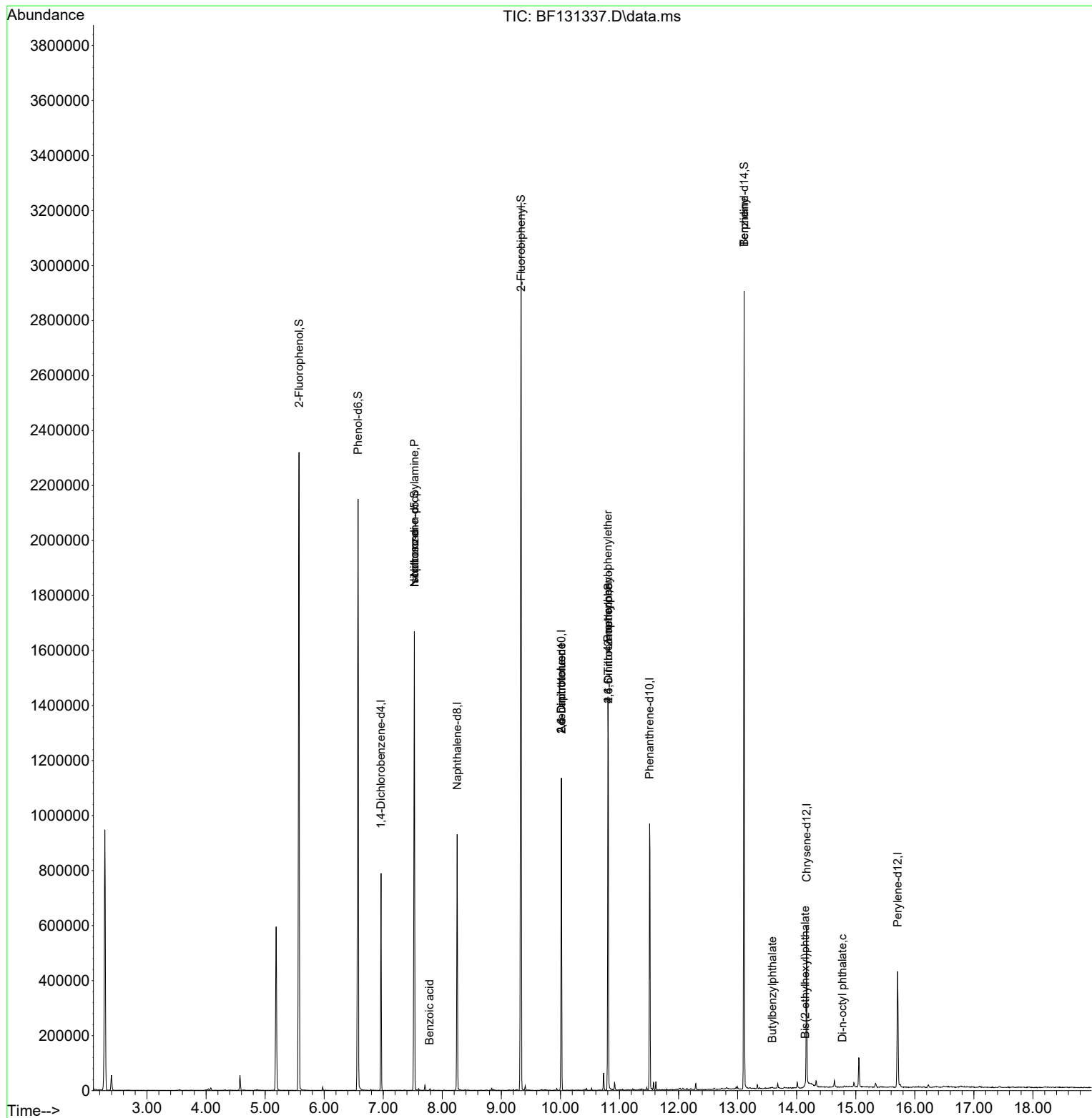
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	100144	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	362048	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	209844	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	367661	20.000	ng	#-0.01
76) Chrysene-d12	14.168	240	182162	20.000	ng	-0.01
86) Perylene-d12	15.710	264	198800	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	567389	107.831	ng	0.00
7) Phenol-d6	6.575	99	749381	111.623	ng	-0.01
23) Nitrobenzene-d5	7.528	82	503346	70.082	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	160977	91.183	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	978254	67.821	ng	0.00
79) Terphenyl-d14	13.110	244	960274	86.204	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	90	Below Cal		Qvalue 96
19) n-Nitroso-di-n-propyla...	7.528	70	68268	13.891 ng	#	75
25) Isophorone	7.528	82	502110	39.185 ng	#	68
32) Benzoic acid	7.787	122	199	5.202 ng	#	1
51) 2,6-Dinitrotoluene	10.016	165	26629	9.107 ng	#	14
57) 2,4-Dinitrotoluene	10.016	165	26629	7.238 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.810	198	332	4.809 ng	#	1
67) 4-Bromophenyl-phenylether	10.804	248	10301	2.286 ng	#	1
77) Benzidine	13.110	184	12700	3.774 ng	#	93
80) Butylbenzylphthalate	13.586	149	101	4.161 ng	#	20
84) Bis(2-ethylhexyl)phtha...	14.145	149	2440	4.062 ng	#	95
85) Di-n-octyl phthalate	14.774	149	778	3.989 ng	#	70

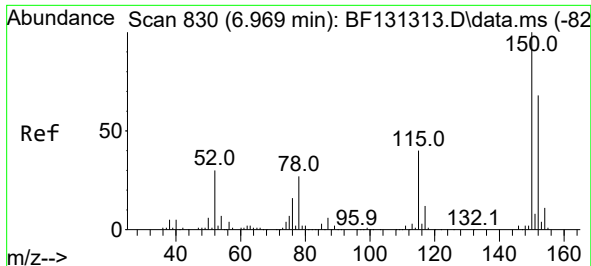
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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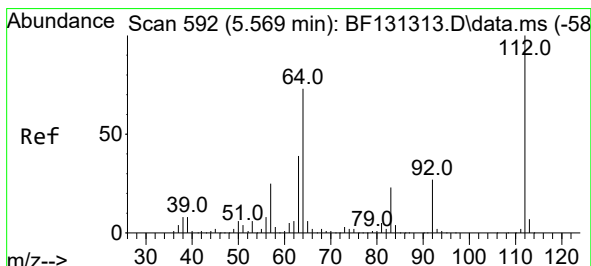
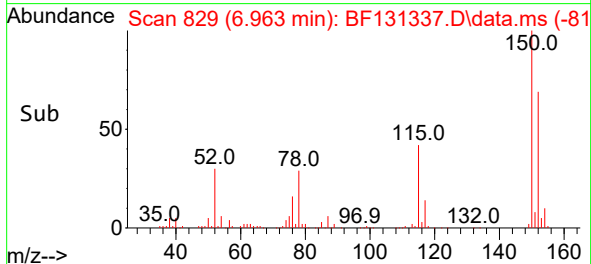
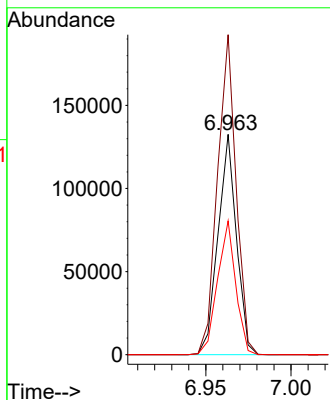
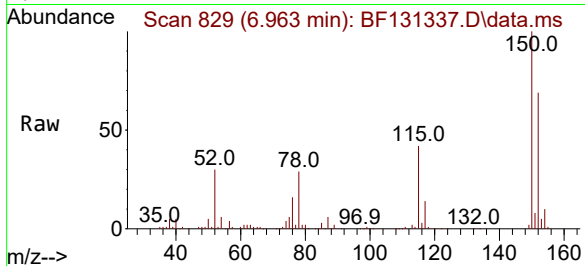




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

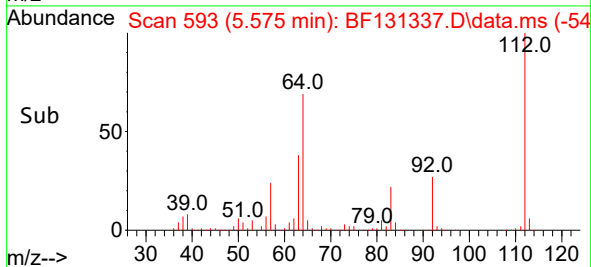
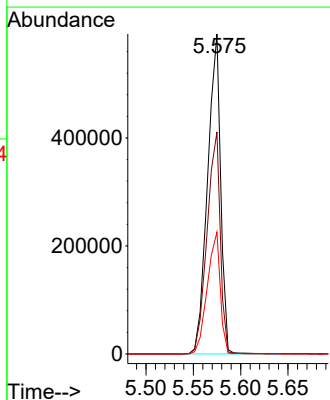
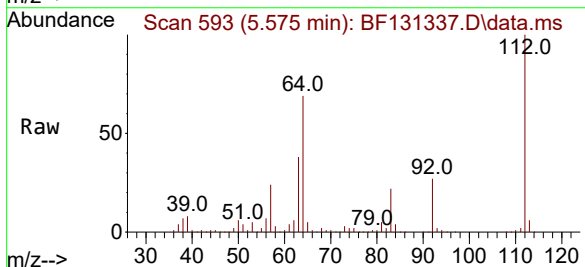
Instrument :
BNA_F
ClientSampleId :
VNJ-223

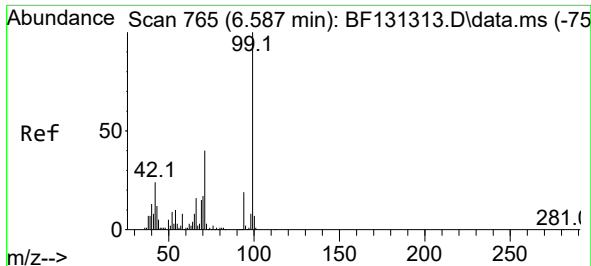
Tgt Ion:152 Resp: 100144
Ion Ratio Lower Upper
152 100
150 145.3 117.8 176.8
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 107.831 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

Tgt Ion:112 Resp: 567389
Ion Ratio Lower Upper
112 100
64 69.4 58.6 88.0
63 38.1 31.4 47.0

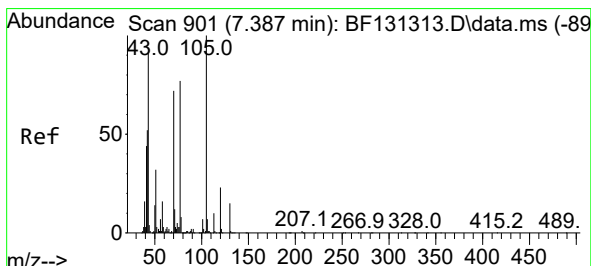
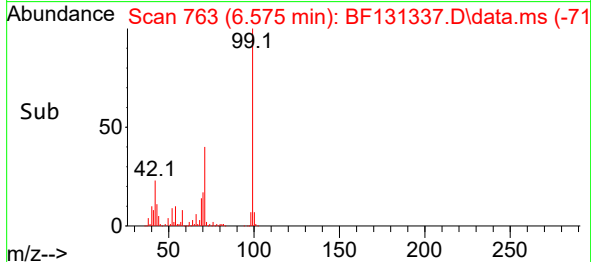
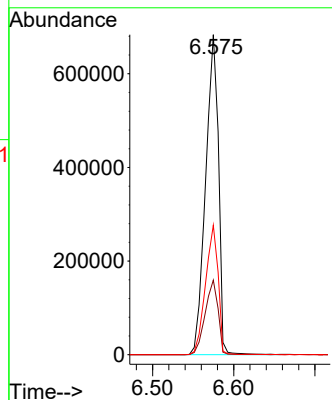
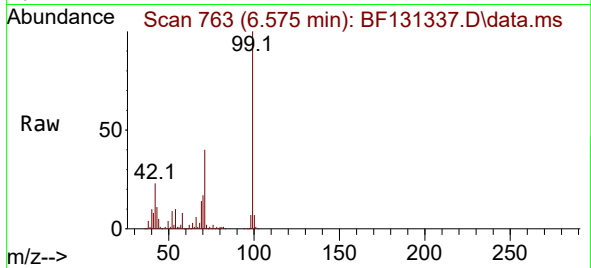




#7
Phenol-d6
Concen: 111.623 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

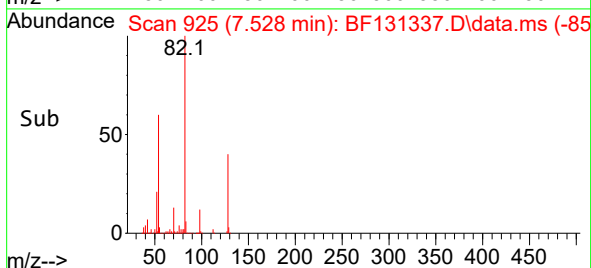
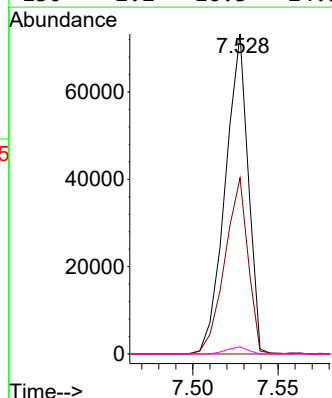
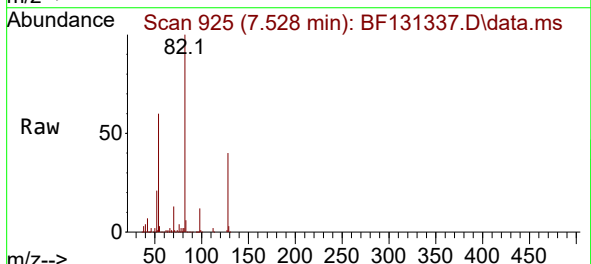
Instrument :
BNA_F
ClientSampleId :
VNJ-223

Tgt Ion: 99 Resp: 749381
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.2
71 40.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.891 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.141 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

Tgt Ion: 70 Resp: 68268
Ion Ratio Lower Upper
70 100
42 55.0 57.6 86.4#
101 0.0 8.2 12.2#
130 2.2 16.3 24.5#

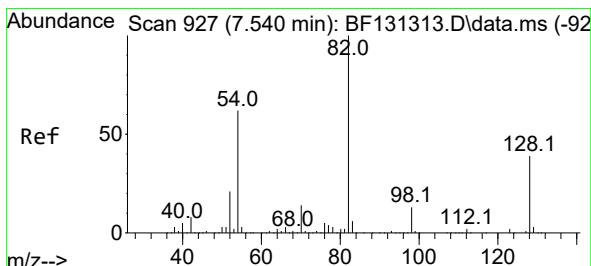
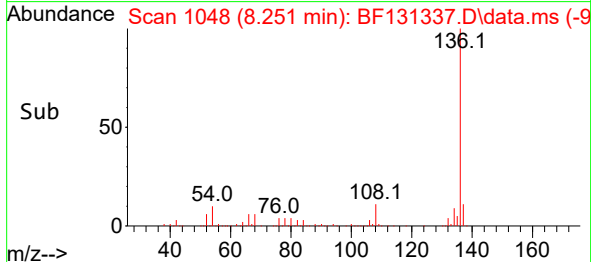
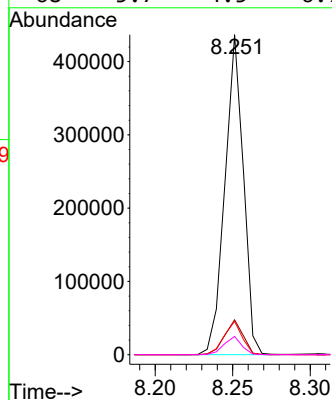
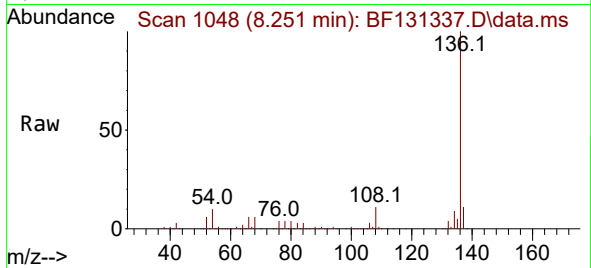




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

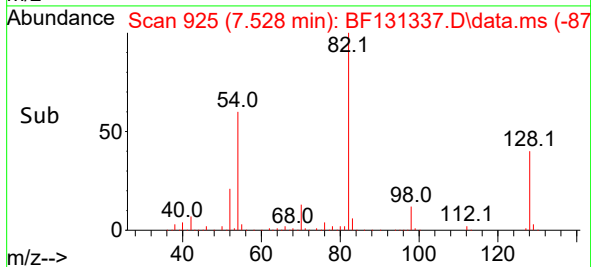
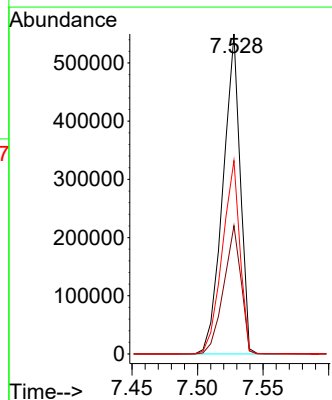
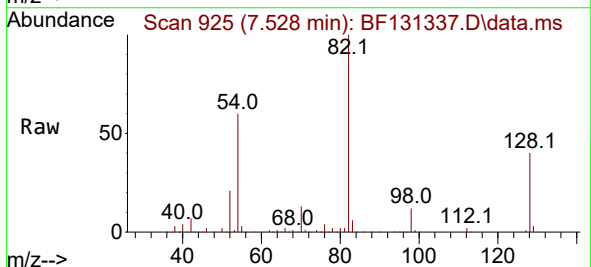
Instrument :
BNA_F
ClientSampleId :
VNJ-223

Tgt Ion:136 Resp: 362048
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.4 9.4 14.0
68 5.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 70.082 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

Tgt Ion: 82 Resp: 503346
Ion Ratio Lower Upper
82 100
128 40.1 31.4 47.0
54 60.5 49.8 74.6

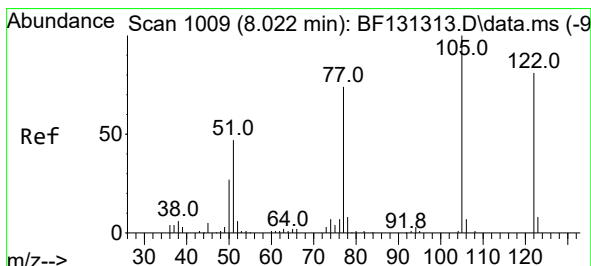
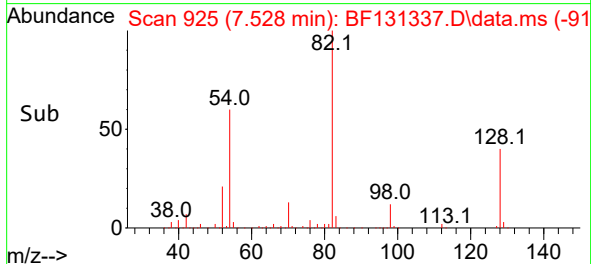
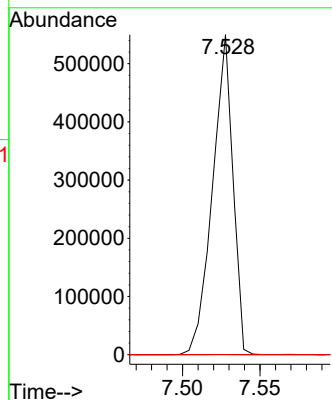
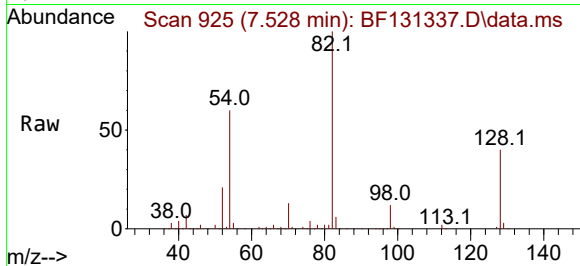




#25
Isophorone
Concen: 39.185 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

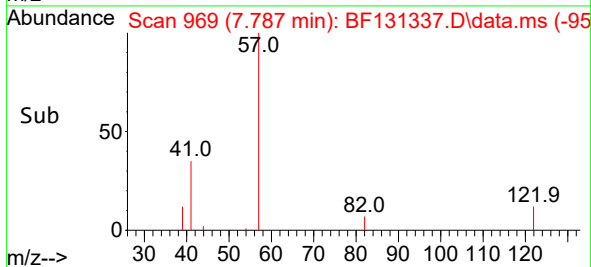
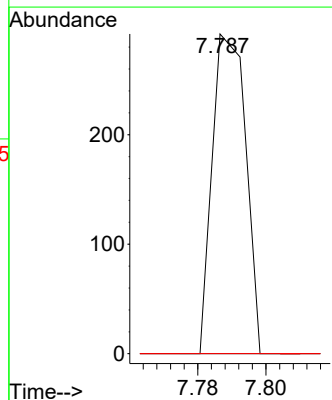
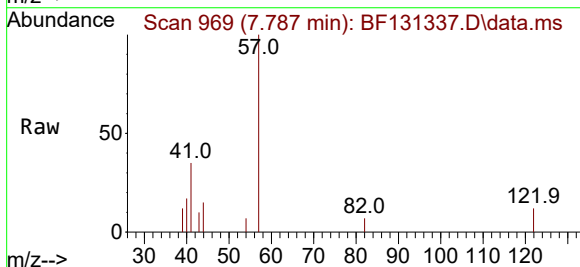
Instrument :
BNA_F
ClientSampleId :
VNJ-223

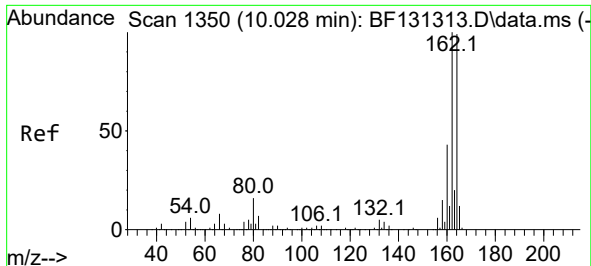
Tgt Ion: 82 Resp: 502110
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.202 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.236 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

Tgt Ion: 122 Resp: 199
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 74.3 114.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.016 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131337.D

Acq: 22 Nov 2022 19:01

Instrument :

BNA_F

ClientSampleId :

VNJ-223

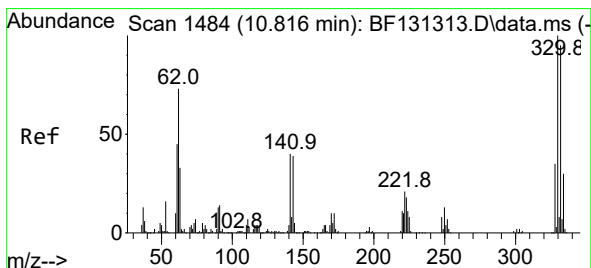
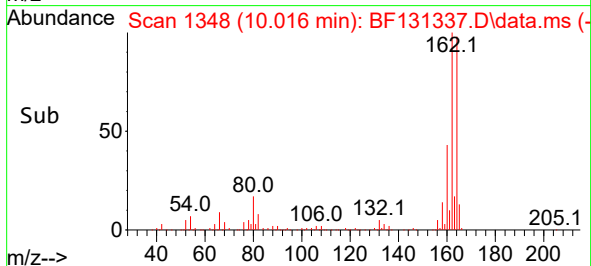
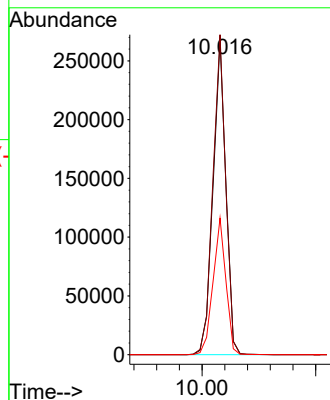
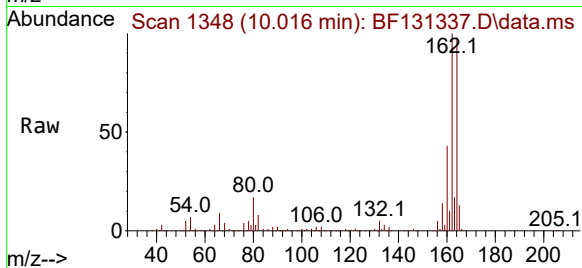
Tgt Ion:164 Resp: 209844

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

160 43.4 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 91.183 ng

RT: 10.810 min Scan# 1483

Delta R.T. -0.006 min

Lab File: BF131337.D

Acq: 22 Nov 2022 19:01

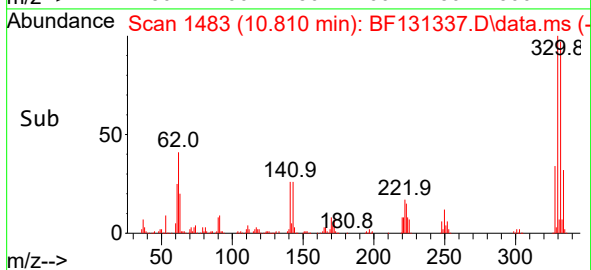
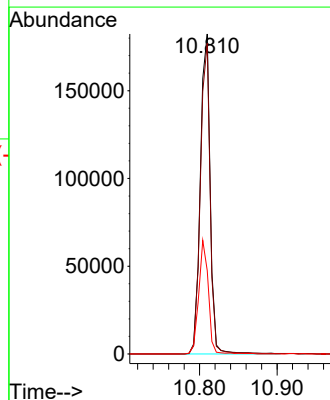
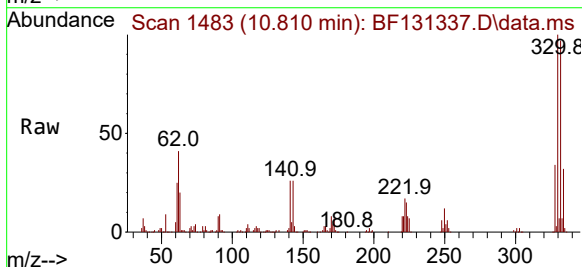
Tgt Ion:330 Resp: 160977

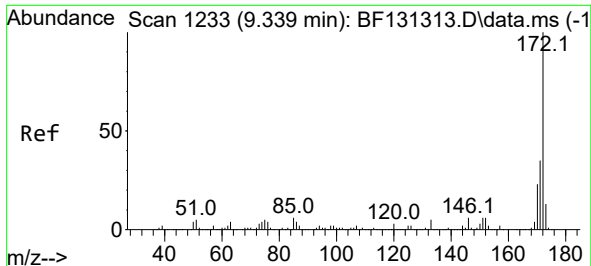
Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 34.6 29.3 43.9

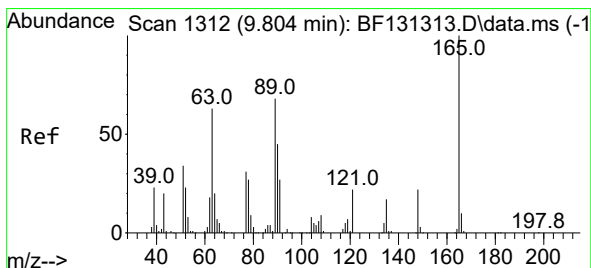
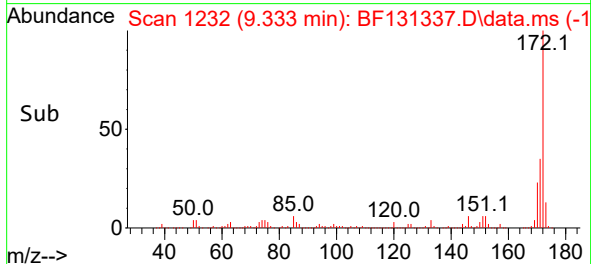
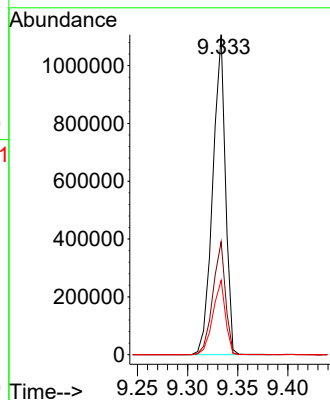
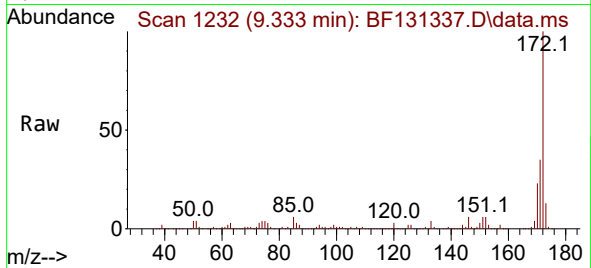




#45
2-Fluorobiphenyl
Concen: 67.821 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

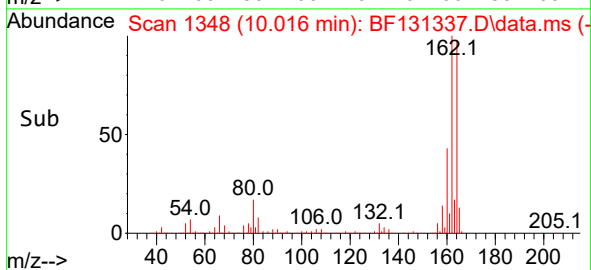
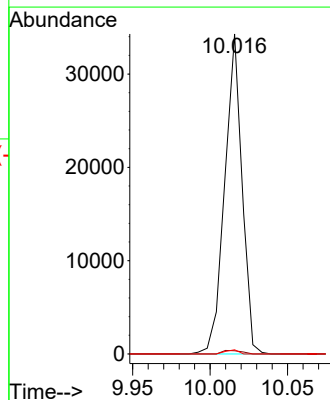
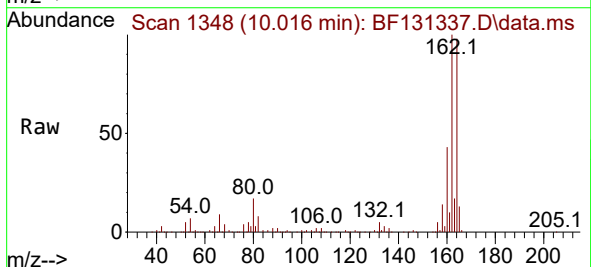
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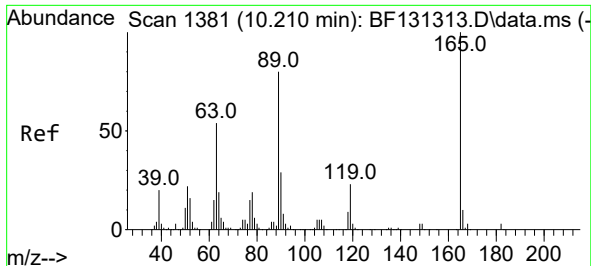
Tgt Ion:172 Resp: 978254
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.3 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 9.107 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.212 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

Tgt Ion:165 Resp: 26629
Ion Ratio Lower Upper
165 100
63 1.0 62.0 93.0#
89 1.3 54.4 81.6#

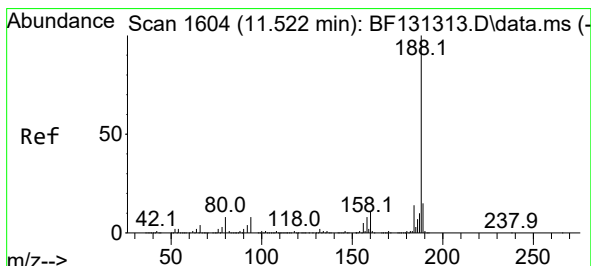
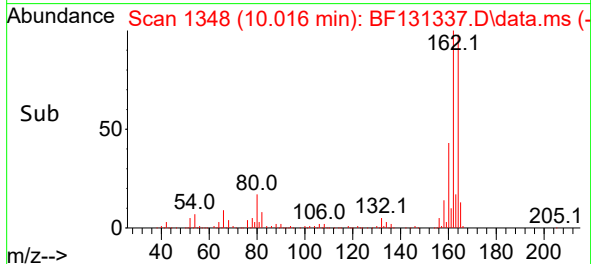
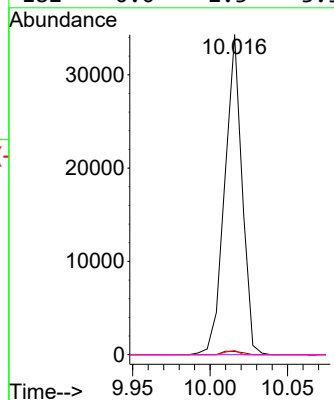
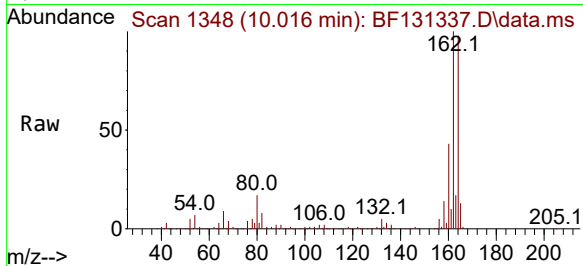




#57
2,4-Dinitrotoluene
Concen: 7.238 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

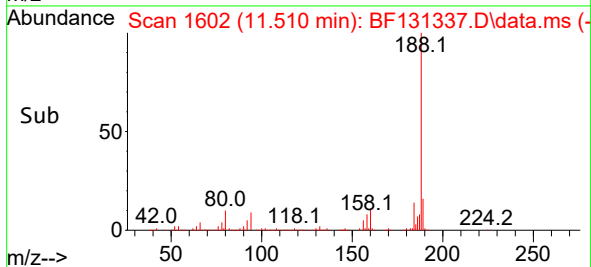
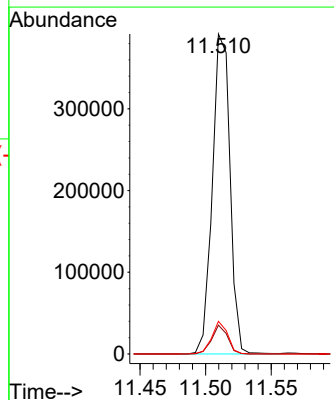
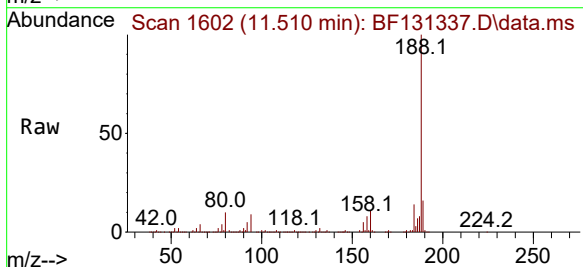
Instrument :
BNA_F
ClientSampleId :
VNJ-223

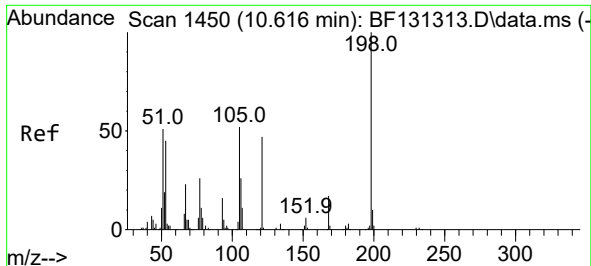
Tgt Ion:165 Resp: 26629
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.2#
89 1.3 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

Tgt Ion:188 Resp: 367661
Ion Ratio Lower Upper
188 100
94 9.0 6.3 9.5
80 10.2 6.8 10.2#

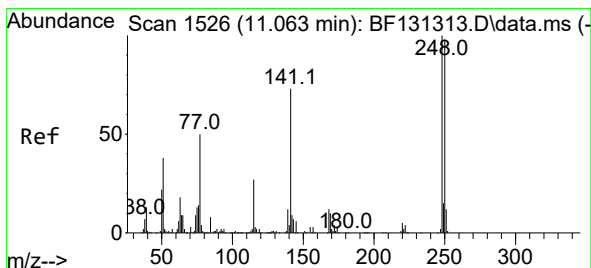
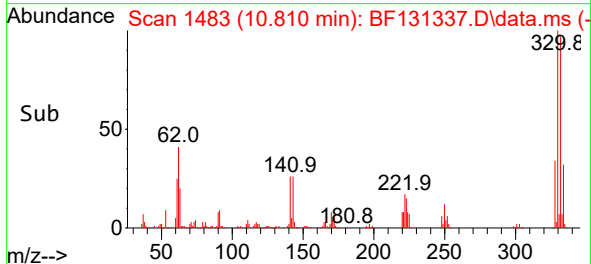
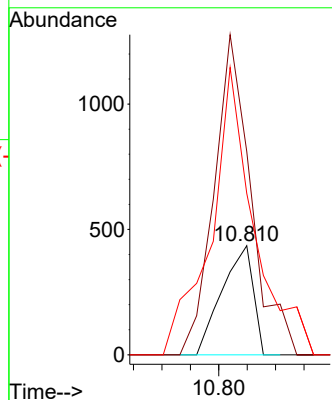
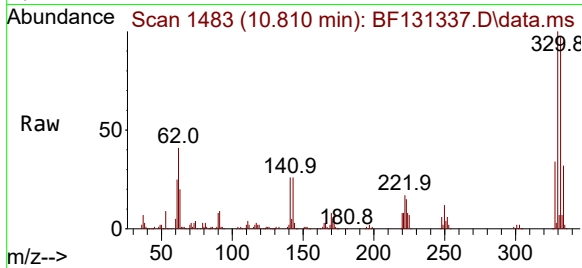




#65
4,6-Dinitro-2-methylphenol
Concen: 4.809 ng
RT: 10.810 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

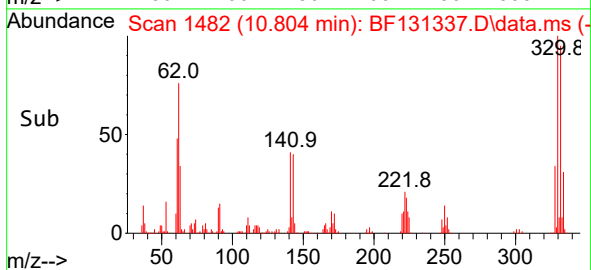
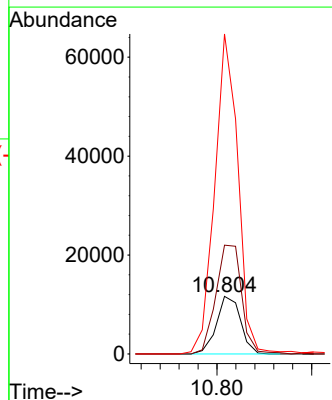
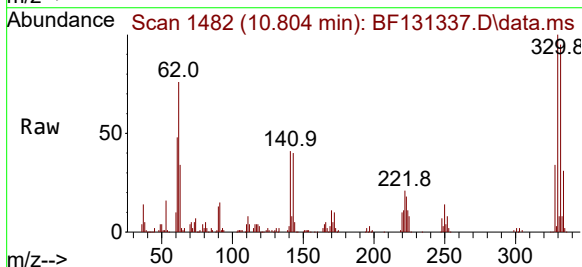
Instrument :
BNA_F
ClientSampleId :
VNJ-223

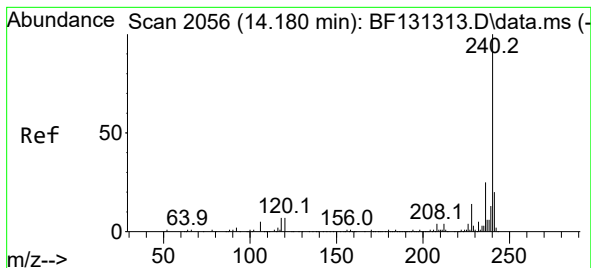
Tgt Ion:198 Resp: 332
Ion Ratio Lower Upper
198 100
51 186.4 50.1 90.1#
105 148.0 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 2.286 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.259 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

Tgt Ion:248 Resp: 10301
Ion Ratio Lower Upper
248 100
250 189.1 78.3 117.5#
141 556.1 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.168 min Scan# 2054

Delta R.T. -0.012 min

Lab File: BF131337.D

Acq: 22 Nov 2022 19:01

Instrument :

BNA_F

ClientSampleId :

VNJ-223

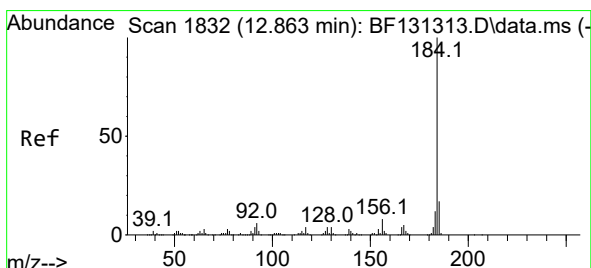
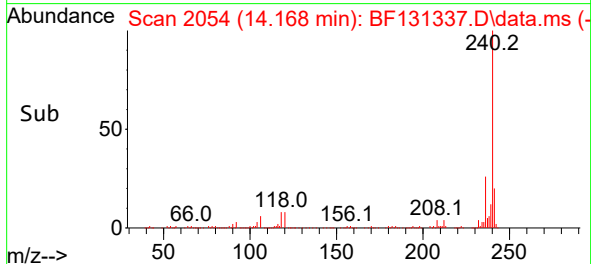
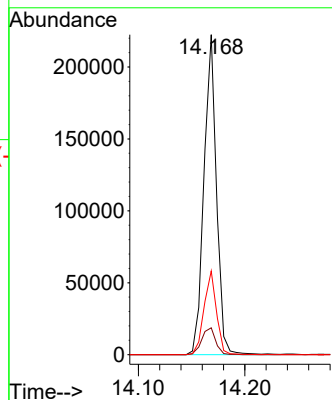
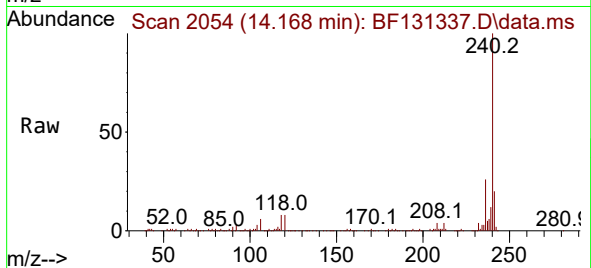
Tgt Ion:240 Resp: 182162

Ion Ratio Lower Upper

240 100

120 8.4 5.8 8.8

236 26.1 20.3 30.5



#77

Benzidine

Concen: 3.774 ng

RT: 13.110 min Scan# 1874

Delta R.T. 0.247 min

Lab File: BF131337.D

Acq: 22 Nov 2022 19:01

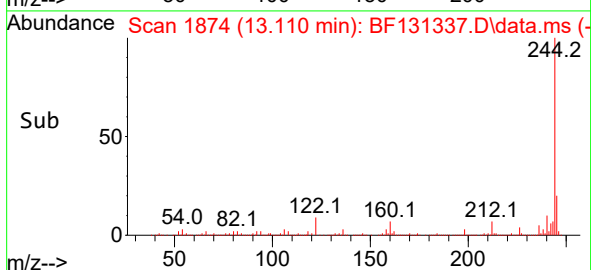
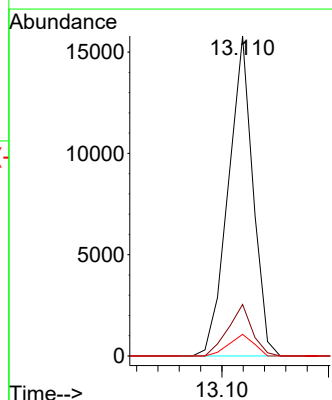
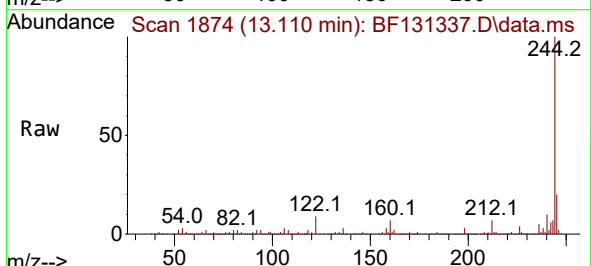
Tgt Ion:184 Resp: 12700

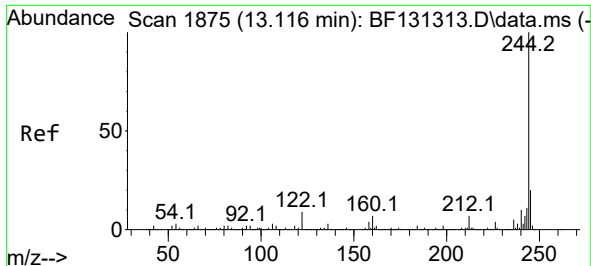
Ion Ratio Lower Upper

184 100

185 16.1 13.8 20.8

183 6.8 9.6 14.4#

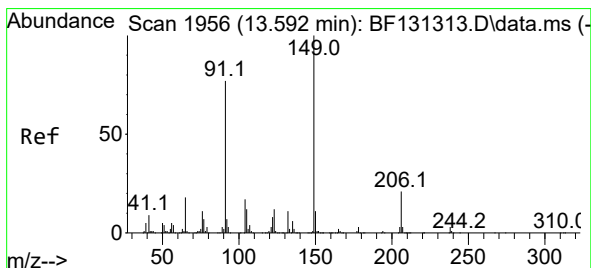
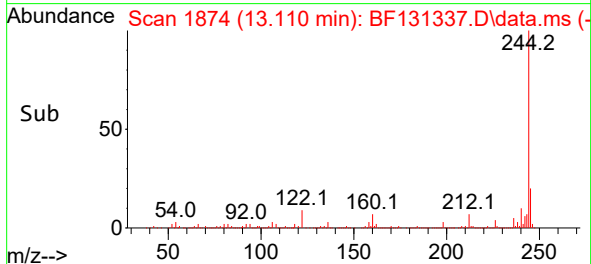
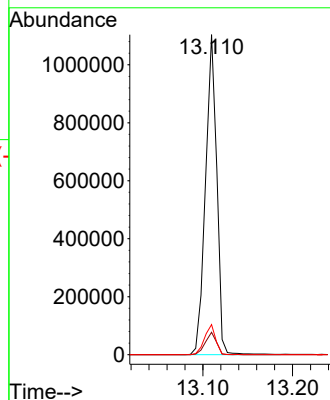
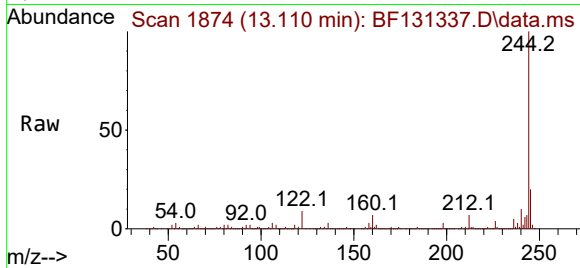




#79
 Terphenyl-d14
 Concen: 86.204 ng
 RT: 13.110 min Scan# 1874
 Delta R.T. -0.006 min
 Lab File: BF131337.D
 Acq: 22 Nov 2022 19:01

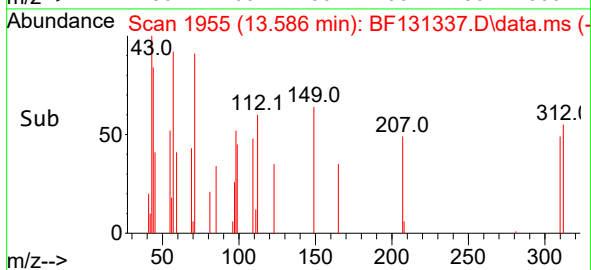
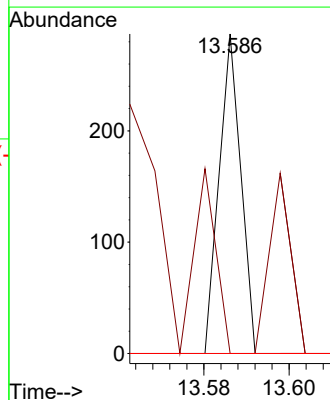
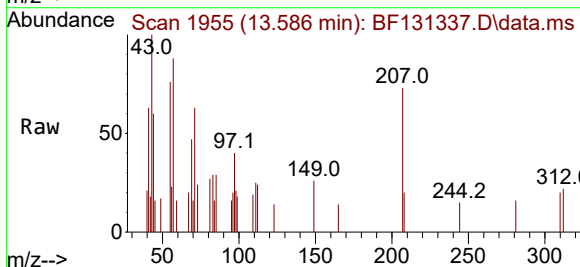
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

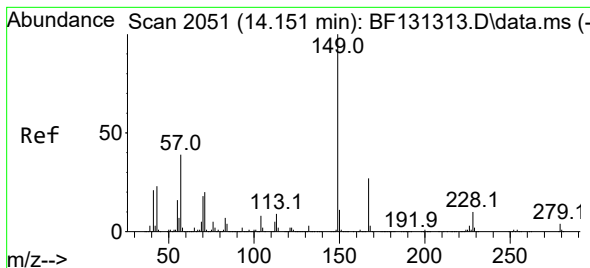
Tgt Ion:244 Resp: 960274
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.4 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.161 ng
 RT: 13.586 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: BF131337.D
 Acq: 22 Nov 2022 19:01

Tgt Ion:149 Resp: 101
 Ion Ratio Lower Upper
 149 100
 91 0.0 61.9 92.9#
 206 0.0 16.5 24.7#

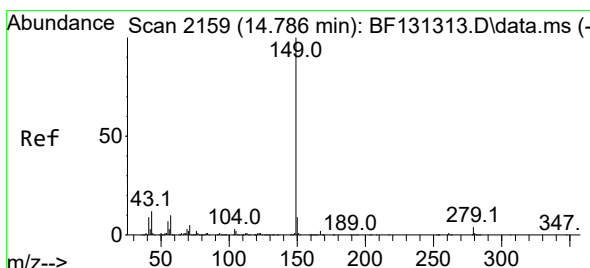
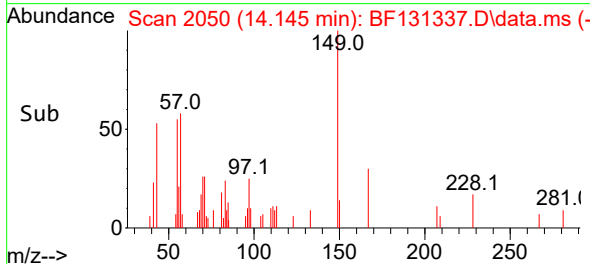
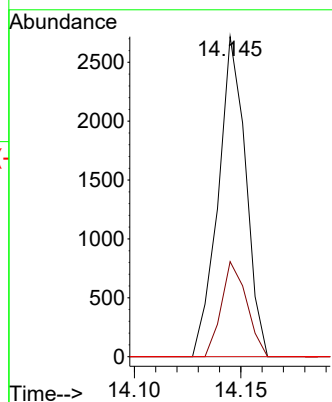
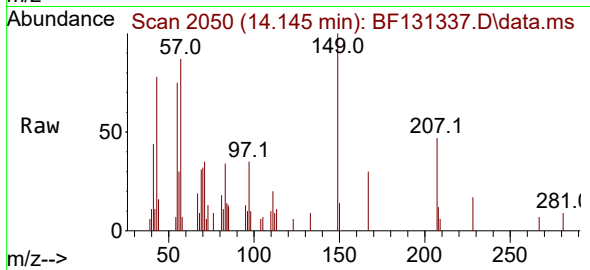




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.062 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

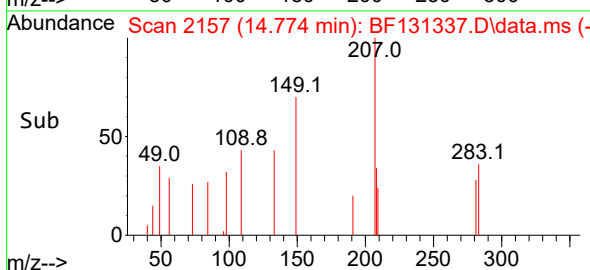
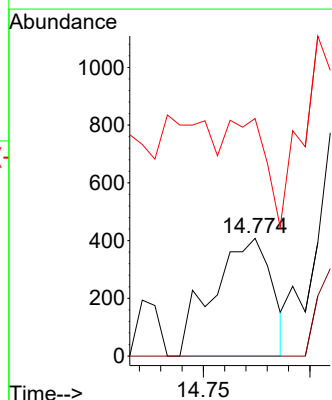
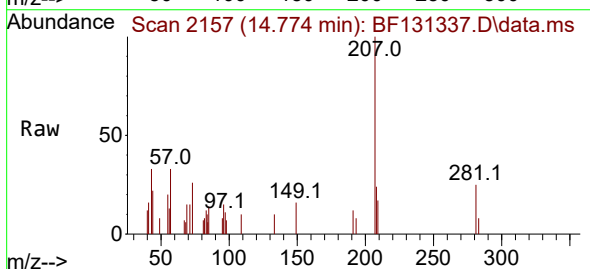
Instrument :
BNA_F
ClientSampleId :
VNJ-223

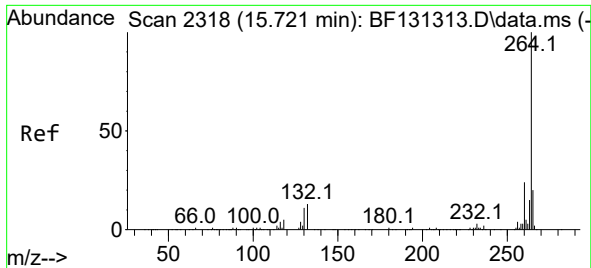
Tgt Ion:149 Resp: 2440
Ion Ratio Lower Upper
149 100
167 29.7 21.9 32.9
279 0.0 3.0 4.4#



#85
Di-n-octyl phthalate
Concen: 3.989 ng
RT: 14.774 min Scan# 2157
Delta R.T. -0.012 min
Lab File: BF131337.D
Acq: 22 Nov 2022 19:01

Tgt Ion:149 Resp: 778
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 10.7 16.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.710 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF131337.D
 Acq: 22 Nov 2022 19:01

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Tgt Ion:264 Resp: 198800
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 20.6 16.4 24.6

