

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132647.D
 Acq On : 06 Mar 2023 13:37
 Operator : CG\JU
 Sample : 01770-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Quant Time: Mar 07 00:53:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

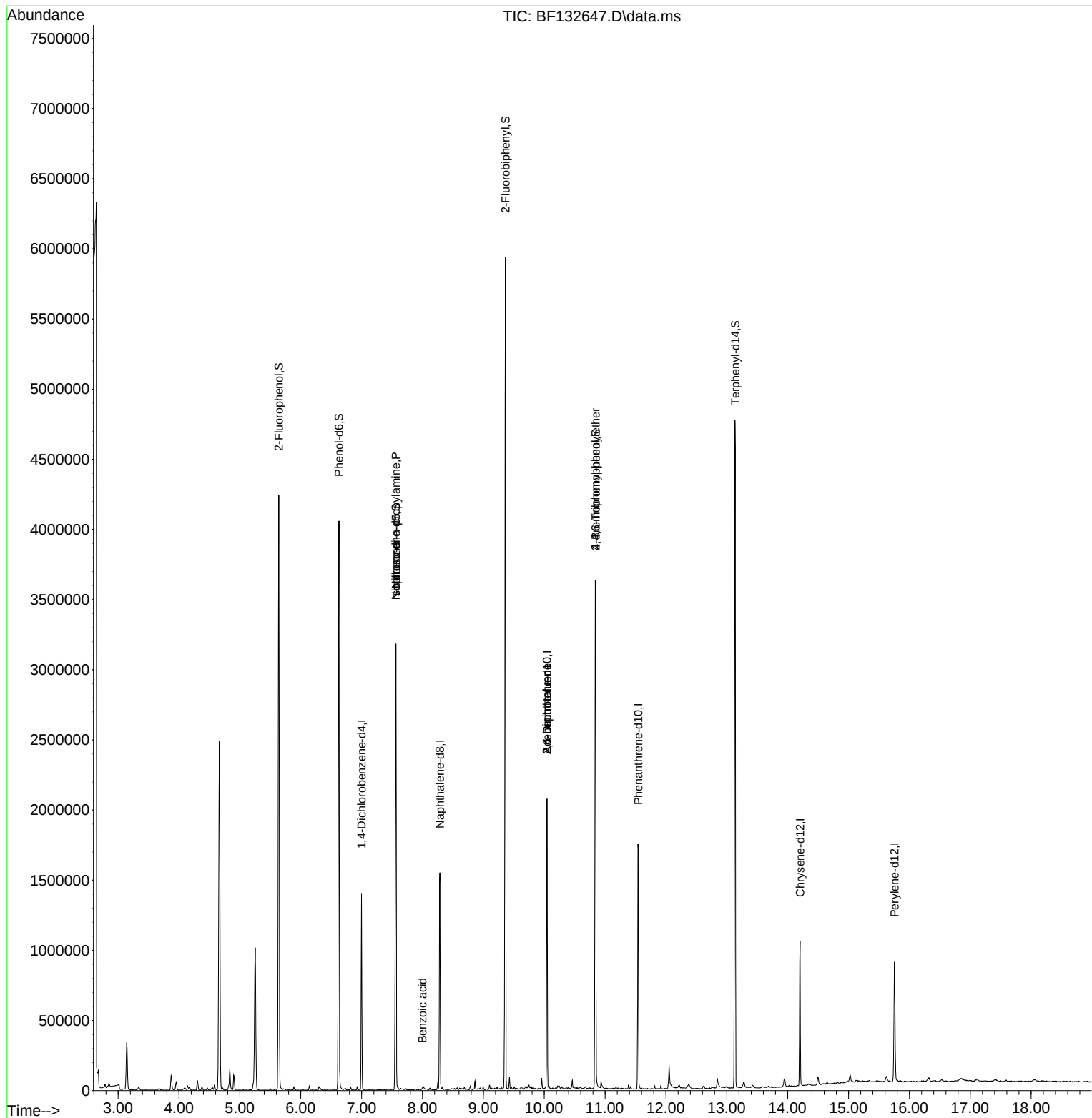
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	196790	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	722259	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	381628	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	692356	20.000	ng	0.00
76) Chrysene-d12	14.204	240	343433	20.000	ng	0.00
86) Perylene-d12	15.757	264	401142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1302587	107.427	ng	0.00
7) Phenol-d6	6.628	99	1573278	99.420	ng	0.00
23) Nitrobenzene-d5	7.563	82	1219751	80.124	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	505463	122.643	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1902499	75.908	ng	0.00
79) Terphenyl-d14	13.139	244	1889740	93.033	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.563	70	162819	16.718	ng	# 74
25) Isophorone	7.563	82	1215069	41.631	ng	# 67
32) Benzoic acid	7.998	122	5760	4.429	ng	91
51) 2,6-Dinitrotoluene	10.045	165	50326	7.953	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	50326	5.978	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	33181	4.237	ng	# 1

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

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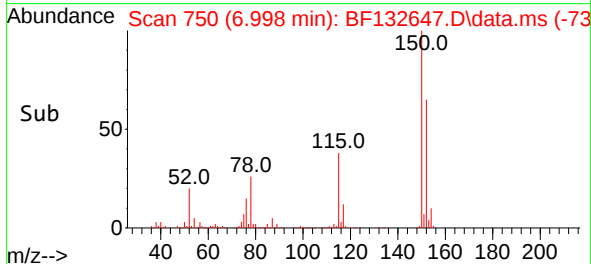
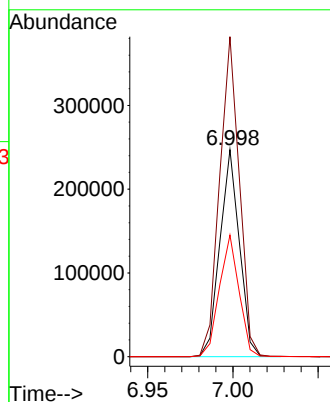
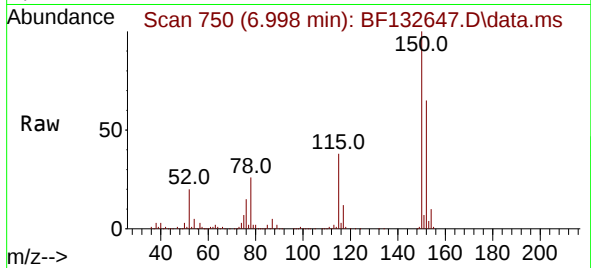




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

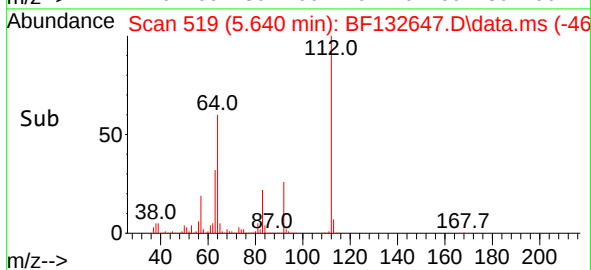
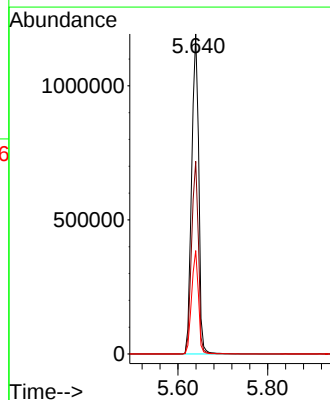
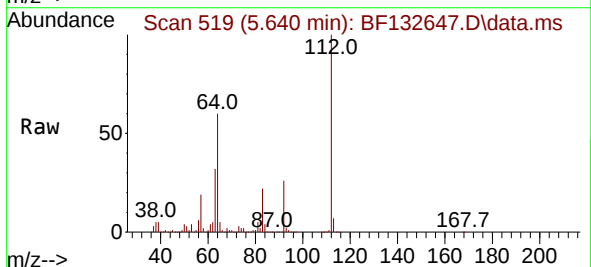
Instrument :
BNA_F
ClientSampleId :
VNJ-223

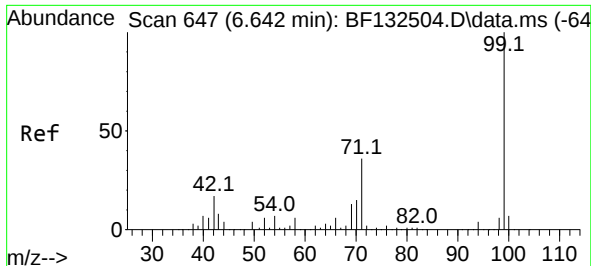
Tgt Ion:152 Resp: 196790
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.2
115 58.7 47.8 71.6



#5
2-Fluorophenol
Concen: 107.427 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

Tgt Ion:112 Resp: 1302587
Ion Ratio Lower Upper
112 100
64 60.2 51.6 77.4
63 32.3 27.4 41.2

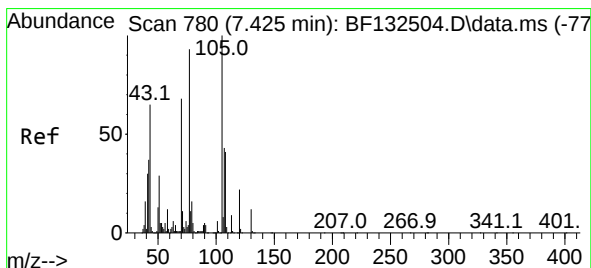
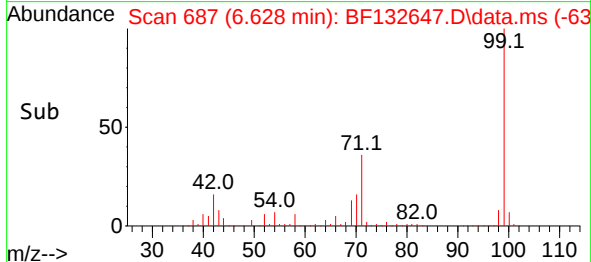
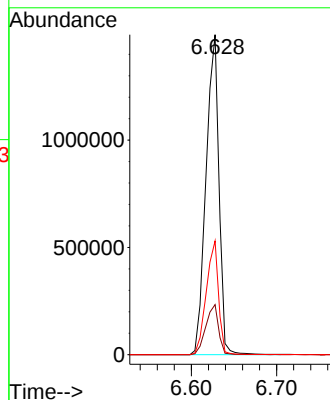
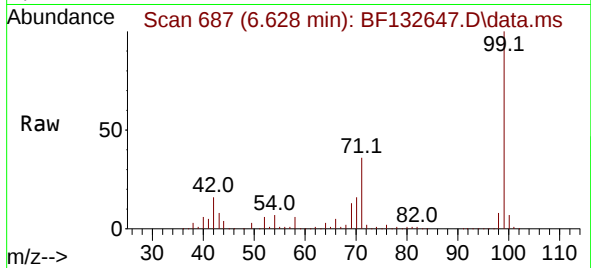




#7
Phenol-d6
Concen: 99.420 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

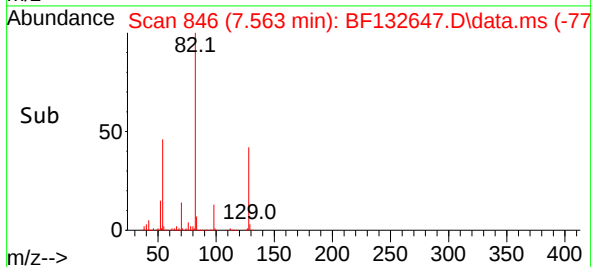
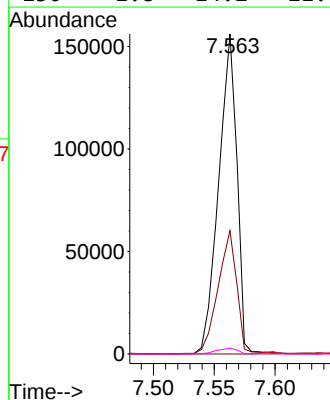
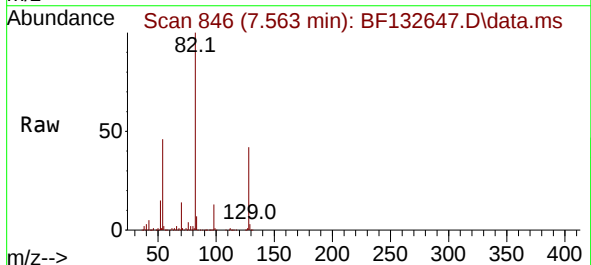
Instrument :
BNA_F
ClientSampleId :
VNJ-223

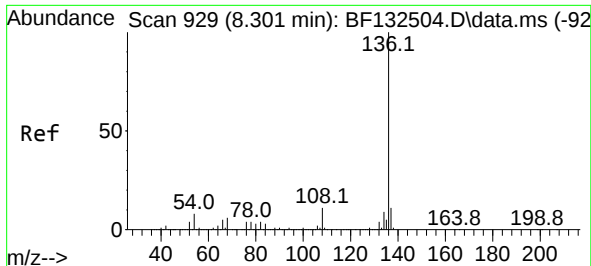
Tgt Ion: 99 Resp: 1573278
Ion Ratio Lower Upper
99 100
42 15.7 13.9 20.9
71 35.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.718 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

Tgt Ion: 70 Resp: 162819
Ion Ratio Lower Upper
70 100
42 38.5 44.1 66.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#

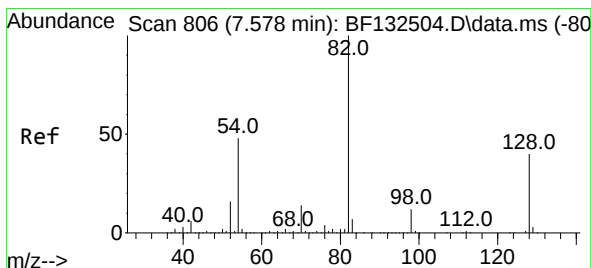
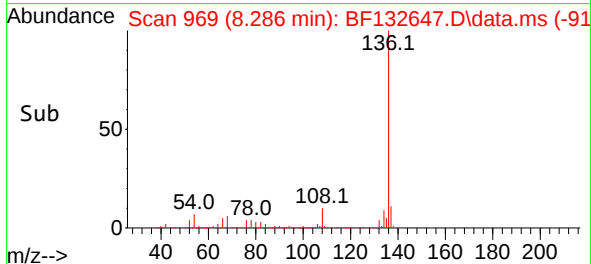
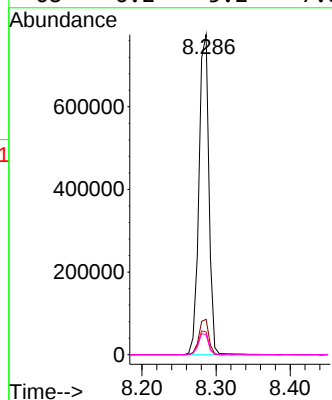
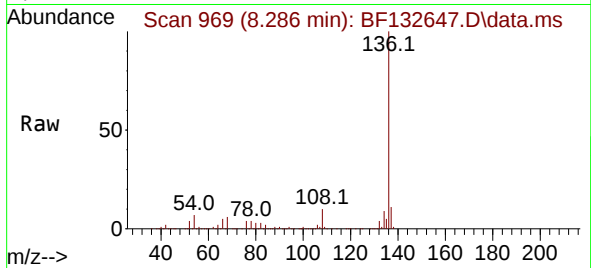




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

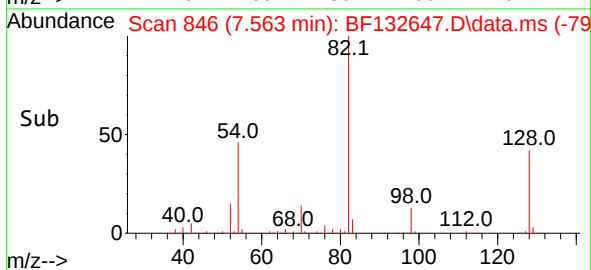
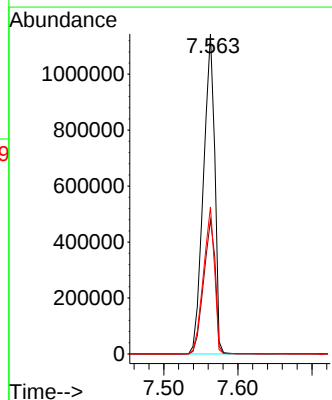
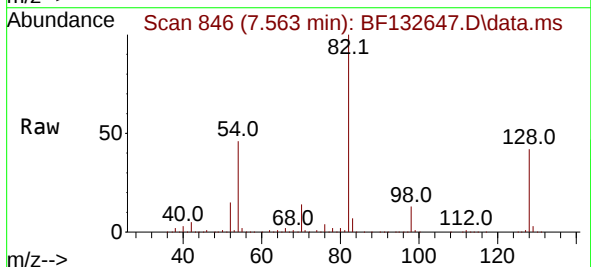
Instrument :
BNA_F
ClientSampleId :
VNJ-223

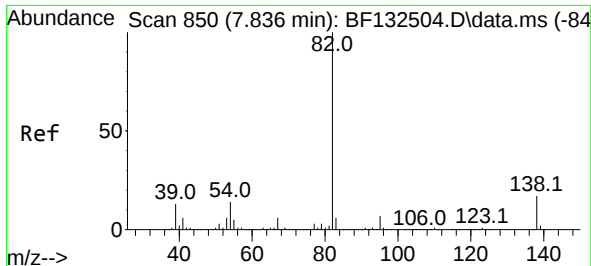
Tgt Ion:136 Resp: 722259
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.2 9.4
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 80.124 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

Tgt Ion: 82 Resp: 1219751
Ion Ratio Lower Upper
82 100
128 41.9 32.2 48.2
54 45.9 38.4 57.6

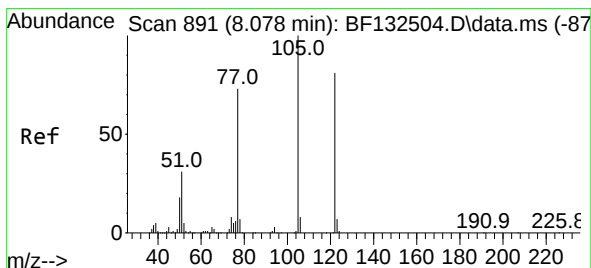
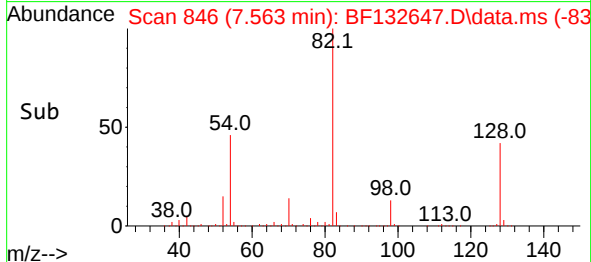
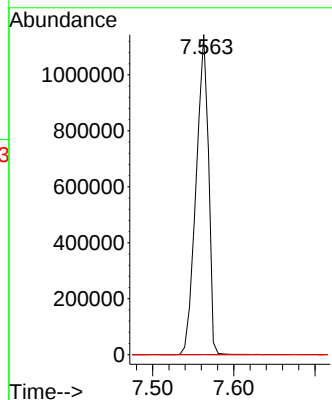
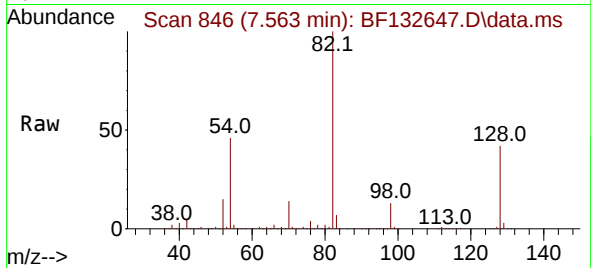




#25
Isophorone
Concen: 41.631 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

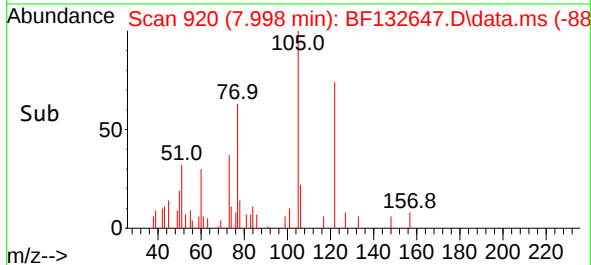
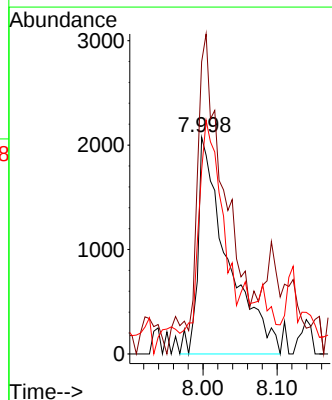
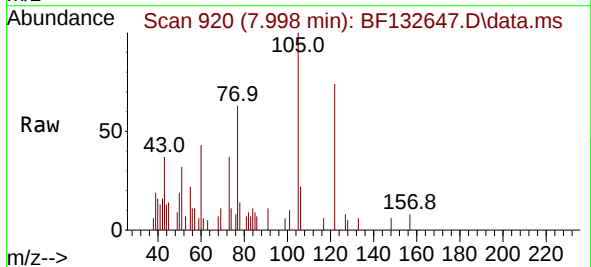
Instrument :
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VNJ-223

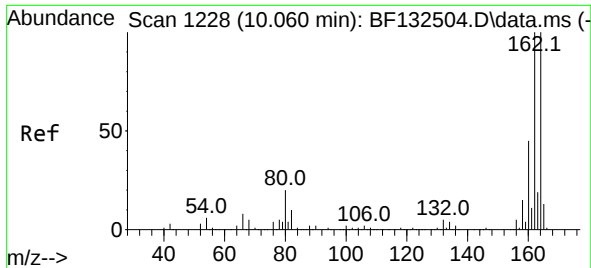
Tgt Ion: 82 Resp: 1215069
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 4.429 ng
RT: 7.998 min Scan# 920
Delta R.T. -0.068 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

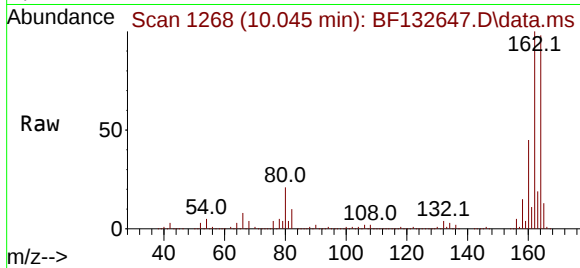
Tgt Ion: 122 Resp: 5760
Ion Ratio Lower Upper
122 100
105 134.8 102.6 142.6
77 84.9 70.2 110.2



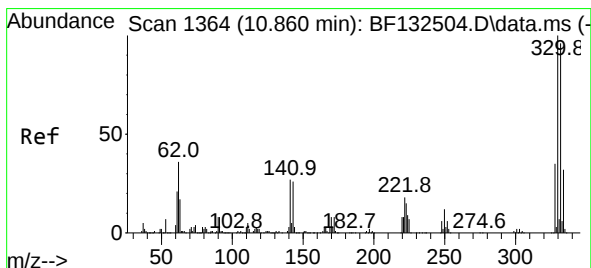
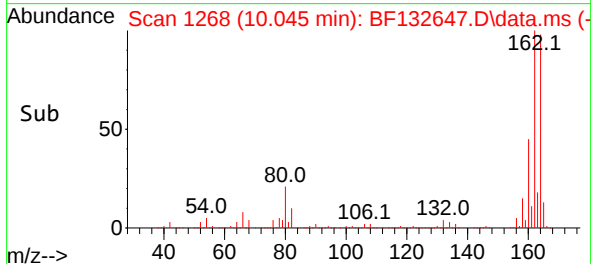
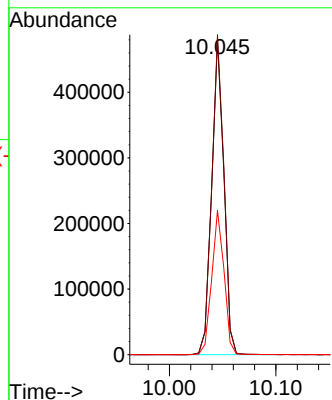


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

Instrument :
BNA_F
ClientSampleId :
VNJ-223

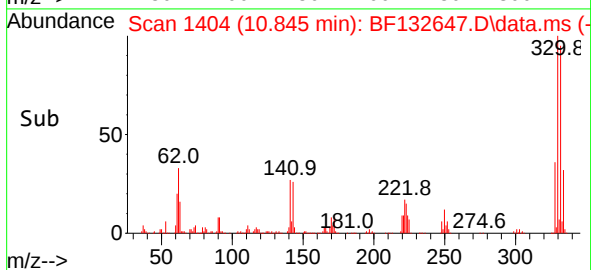
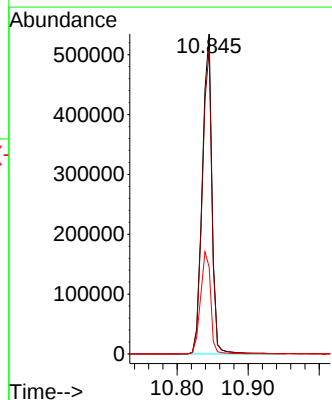
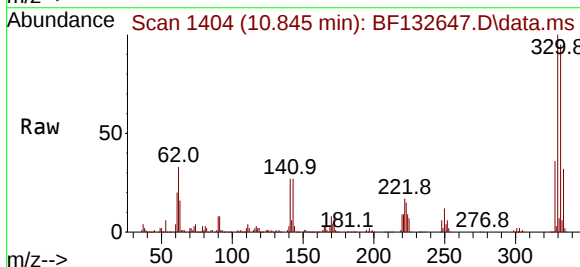


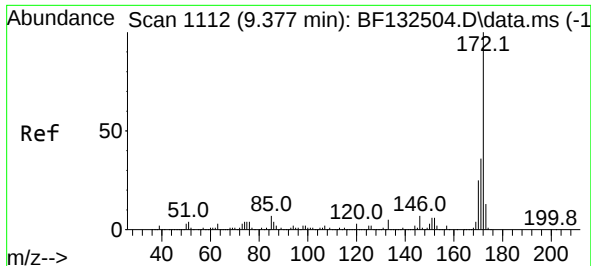
Tgt Ion:164 Resp: 381628
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.8
160 45.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 122.643 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

Tgt Ion:330 Resp: 505463
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 33.5 28.4 42.6

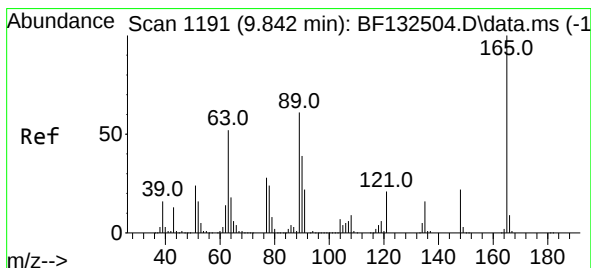
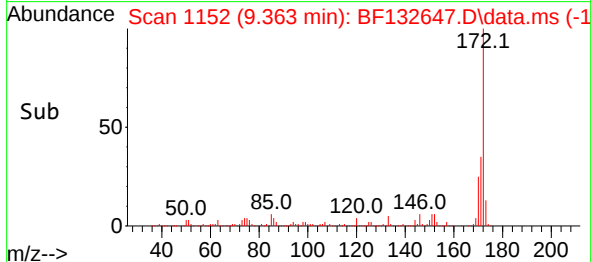
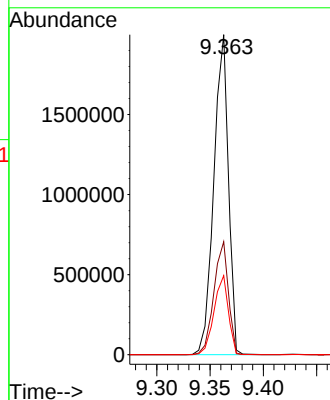
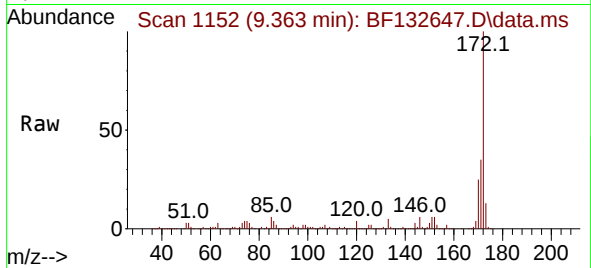




#45
2-Fluorobiphenyl
Concen: 75.908 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

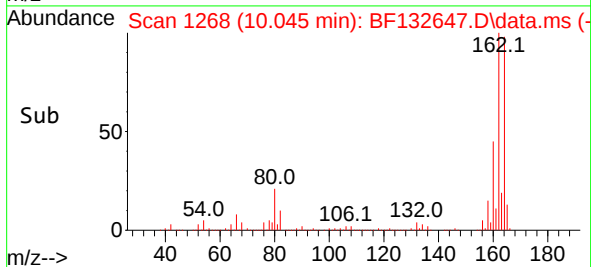
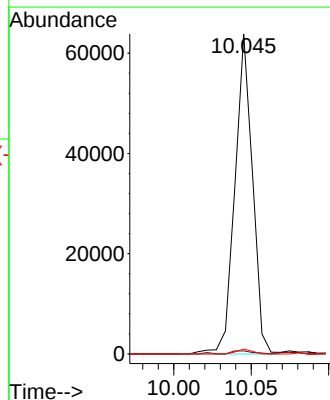
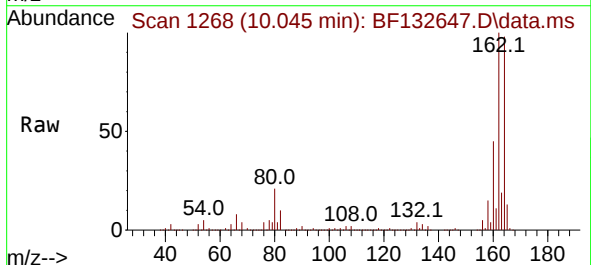
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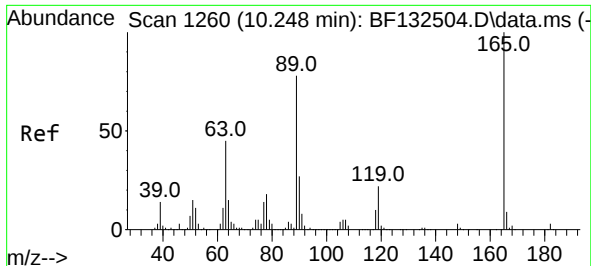
Tgt Ion:172 Resp: 1902499
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.7 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.953 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

Tgt Ion:165 Resp: 50326
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.5 48.9 73.3#

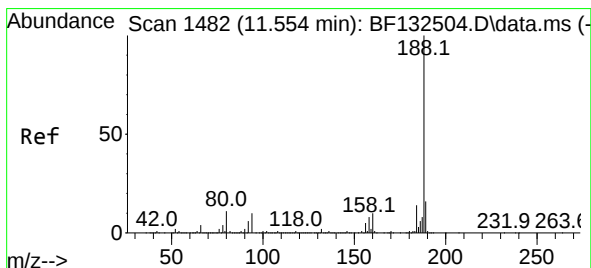
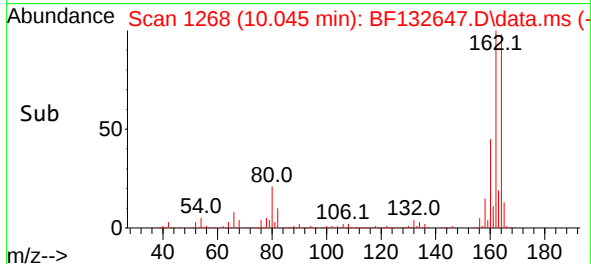
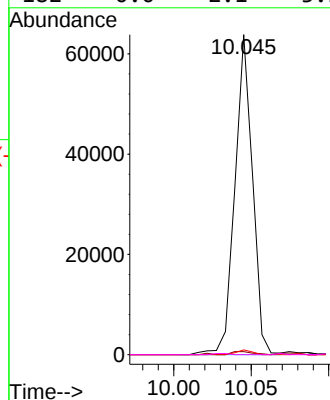
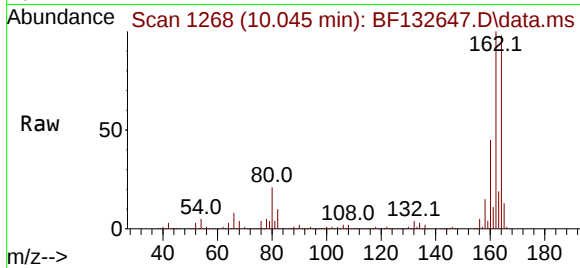




#57
2,4-Dinitrotoluene
Concen: 5.978 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

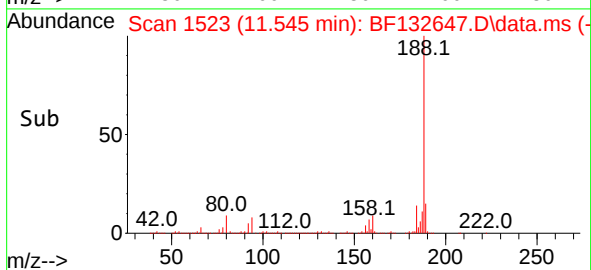
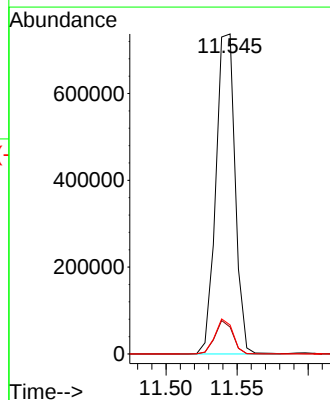
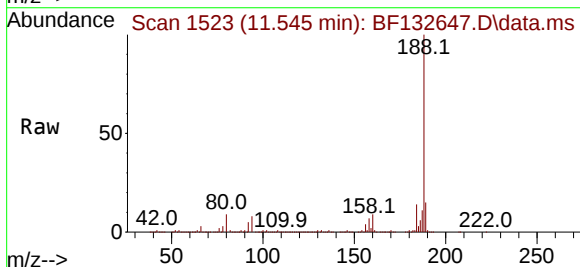
Instrument :
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ClientSampleId :
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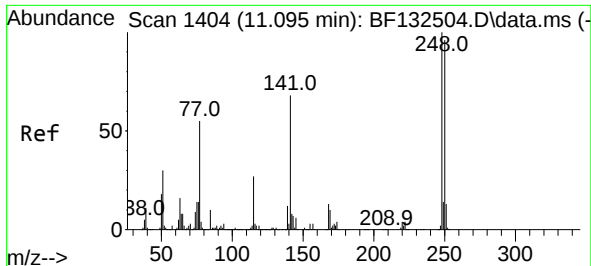
Tgt Ion:165 Resp: 50326
Ion Ratio Lower Upper
165 100
63 1.0 36.5 54.7#
89 1.5 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

Tgt Ion:188 Resp: 692356
Ion Ratio Lower Upper
188 100
94 8.4 8.3 12.5
80 9.0 8.7 13.1

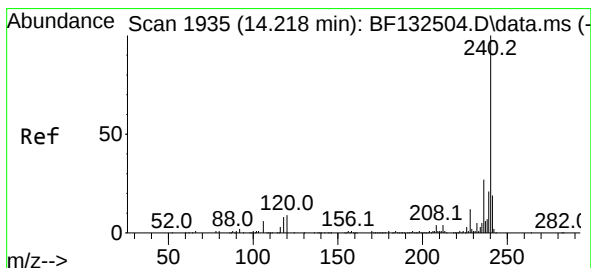
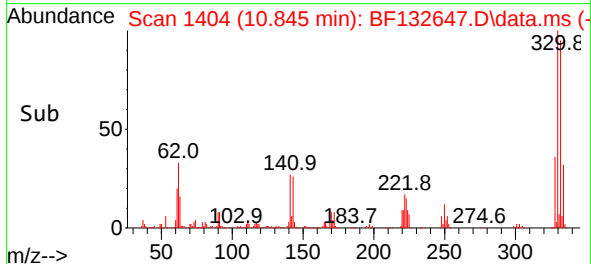
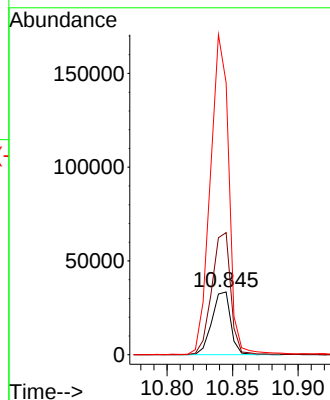
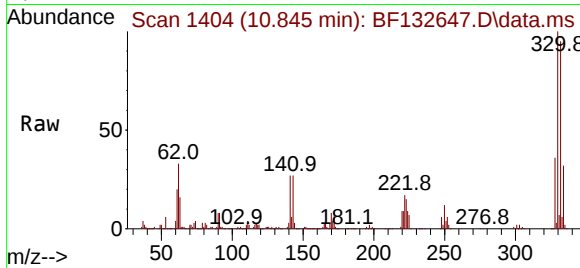




#67
4-Bromophenyl-phenylether
Concen: 4.237 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.244 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

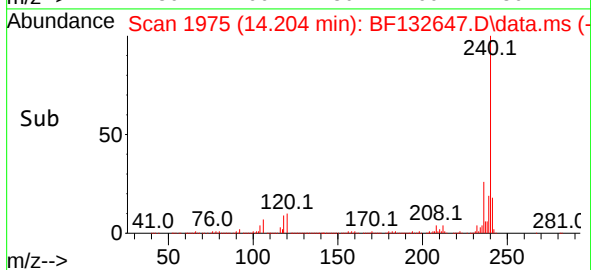
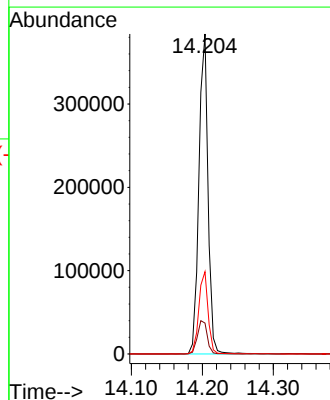
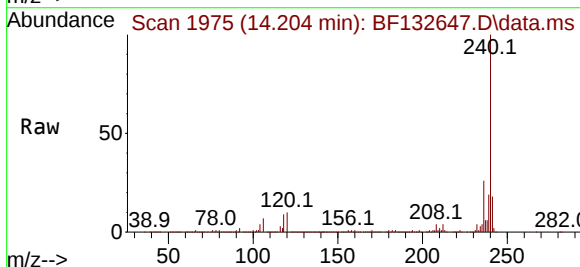
Instrument :
BNA_F
ClientSampleId :
VNJ-223

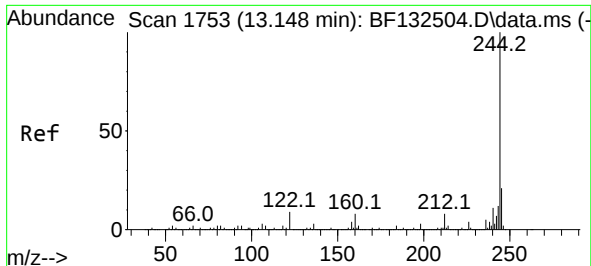
Tgt Ion:248 Resp: 33181
Ion Ratio Lower Upper
248 100
250 194.7 77.0 115.4#
141 434.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

Tgt Ion:240 Resp: 343433
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 25.7 21.8 32.6

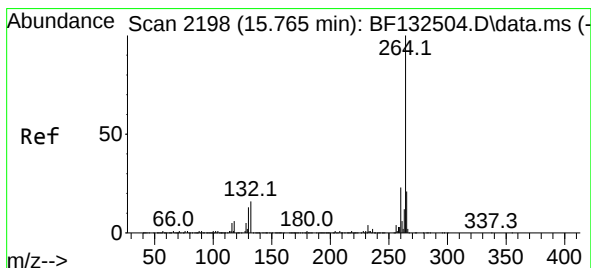
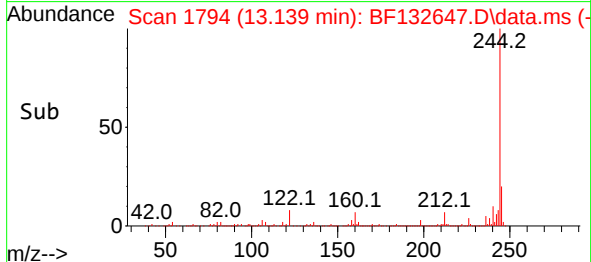
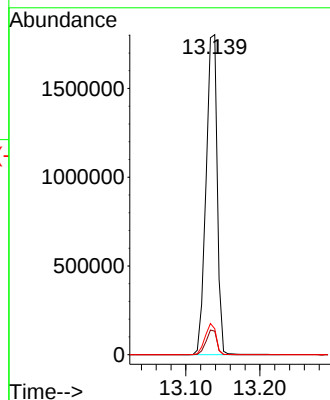
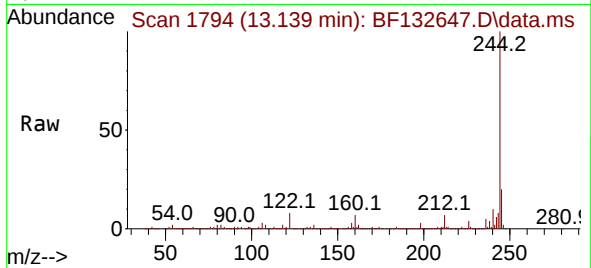




#79
 Terphenyl-d14
 Concen: 93.033 ng
 RT: 13.139 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: BF132647.D
 Acq: 06 Mar 2023 13:37

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Tgt Ion:244 Resp: 1889740
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 8.1 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 2239
 Delta R.T. 0.003 min
 Lab File: BF132647.D
 Acq: 06 Mar 2023 13:37

Tgt Ion:264 Resp: 401142
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 21.3 17.1 25.7

