

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131464.D
 Acq On : 29 Nov 2022 19:14
 Operator : CG\JU
 Sample : N5796-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-15

Quant Time: Nov 30 01:08:30 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 29 00:18:36 2022
 Response via : Initial Calibration

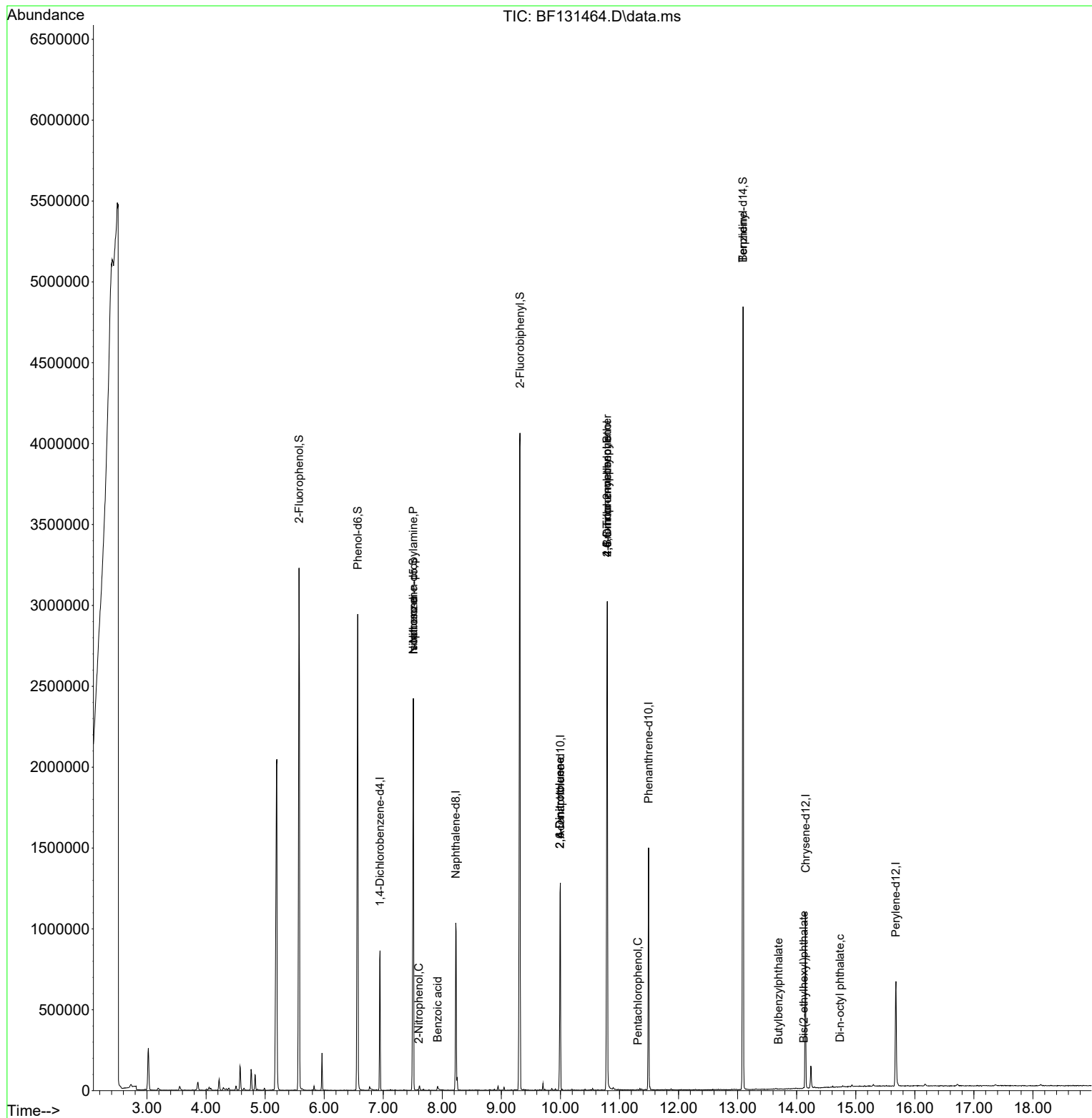
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	132076	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	499683	20.000	ng	-0.02
39) Acenaphthene-d10	9.998	164	287897	20.000	ng	-0.01
64) Phenanthrene-d10	11.492	188	530694	20.000	ng	-0.01
76) Chrysene-d12	14.151	240	402872	20.000	ng	-0.02
86) Perylene-d12	15.680	264	311347	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	964697	139.013	ng	0.02
7) Phenol-d6	6.569	99	1143716	129.173	ng	0.00
23) Nitrobenzene-d5	7.510	82	836021	84.339	ng	-0.02
42) 2,4,6-Tribromophenol	10.792	330	413862	170.869	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1547795	78.214	ng	-0.01
79) Terphenyl-d14	13.092	244	1931130	78.385	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.498	77	156	Below Cal	Qvalue	# 14
19) n-Nitroso-di-n-propyla...	7.510	70	110886	17.107	ng	# 71
25) Isophorone	7.510	82	836010	47.272	ng	# 68
26) 2-Nitrophenol	7.604	139	110	3.617	ng	# 23
32) Benzoic acid	7.922	122	7828	7.262	ng	# 89
51) 2,6-Dinitrotoluene	9.992	165	36802	9.174	ng	# 14
57) 2,4-Dinitrotoluene	9.992	165	36802	7.291	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.792	198	839	4.987	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	25549	3.928	ng	# 1
70) Pentachlorophenol	11.310	266	785	5.062	ng	# 75
77) Benzidine	13.092	184	23451	3.151	ng	# 89
80) Butylbenzylphthalate	13.692	149	57	4.148	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.121	149	1468	3.834	ng	# 89
85) Di-n-octyl phthalate	14.733	149	438	3.924	ng	# 1

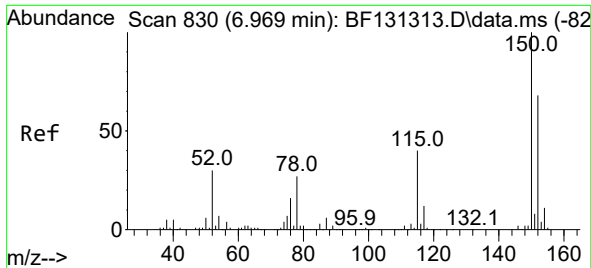
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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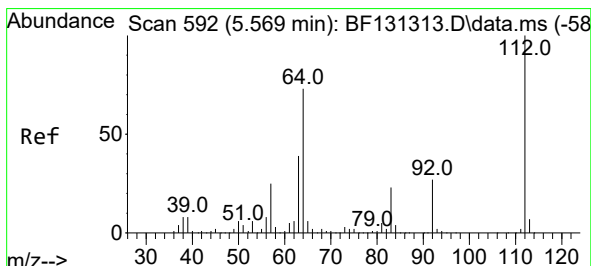
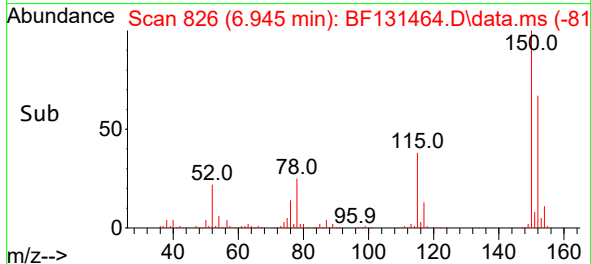
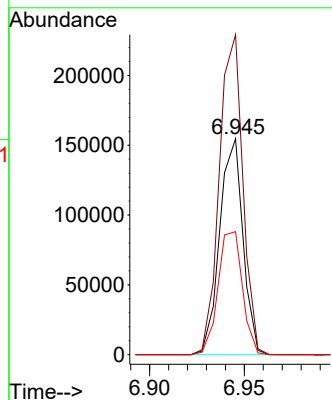
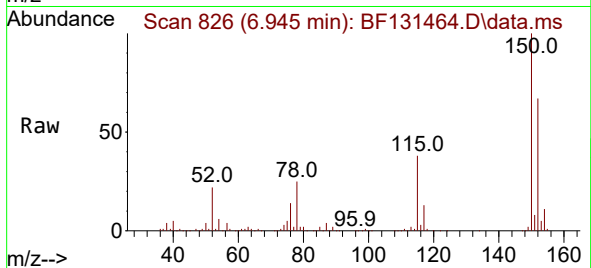




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131464.D
 Acq: 29 Nov 2022 19:14

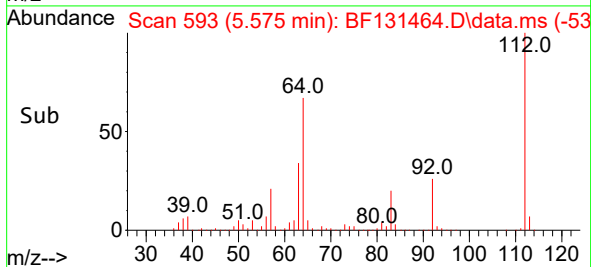
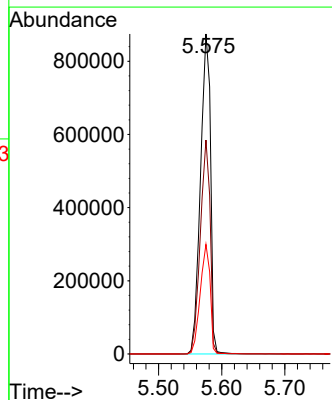
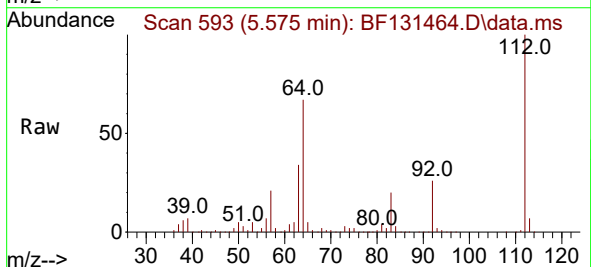
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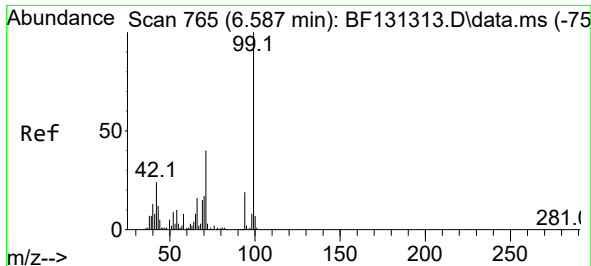
Tgt Ion:152 Resp: 132076
 Ion Ratio Lower Upper
 152 100
 150 148.2 117.8 176.8
 115 57.0 47.1 70.7



#5
 2-Fluorophenol
 Concen: 139.013 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.018 min
 Lab File: BF131464.D
 Acq: 29 Nov 2022 19:14

Tgt Ion:112 Resp: 964697
 Ion Ratio Lower Upper
 112 100
 64 66.8 58.6 88.0
 63 34.2 31.4 47.0

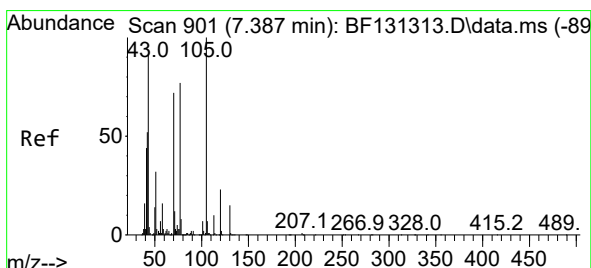
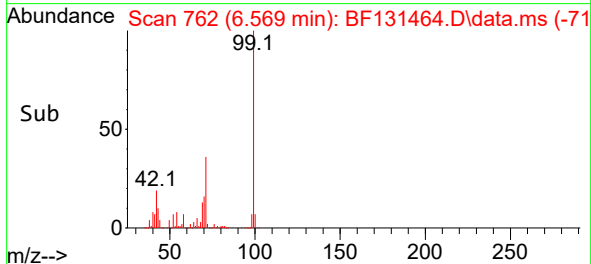
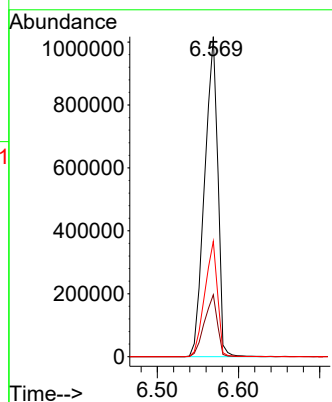
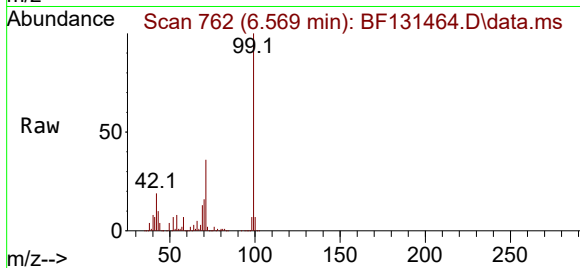




#7
Phenol-d6
Concen: 129.173 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

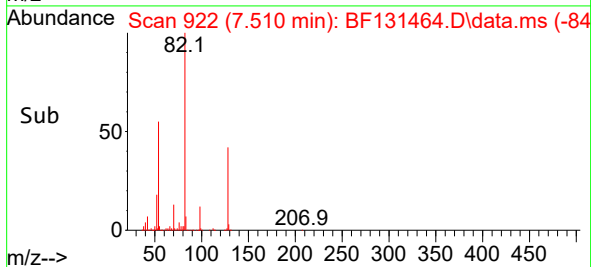
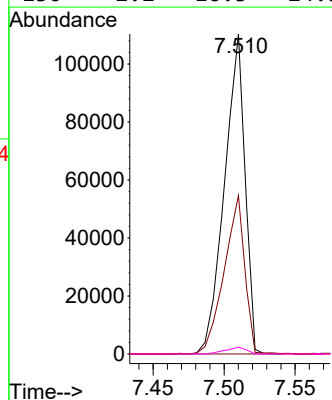
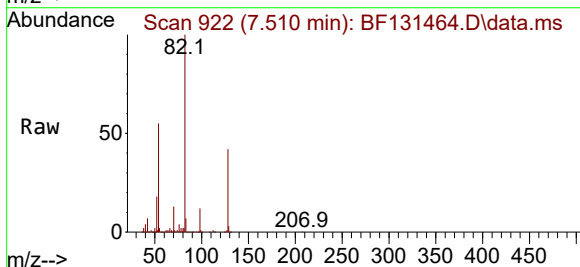
Instrument :
BNA_F
ClientSampleId :
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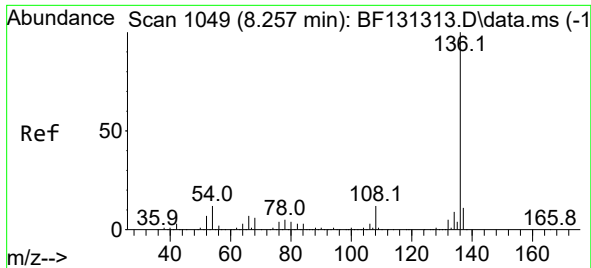
Tgt Ion: 99 Resp: 1143716
Ion Ratio Lower Upper
99 100
42 19.4 19.4 29.2#
71 36.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.107 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.141 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

Tgt Ion: 70 Resp: 110886
Ion Ratio Lower Upper
70 100
42 49.6 57.6 86.4#
101 0.0 8.2 12.2#
130 2.2 16.3 24.5#

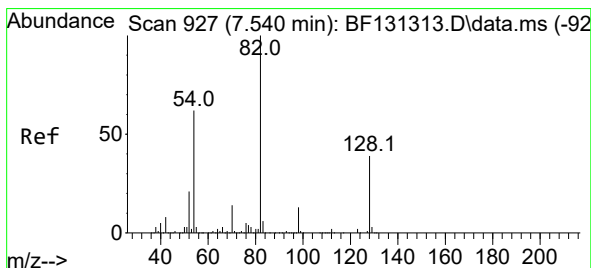
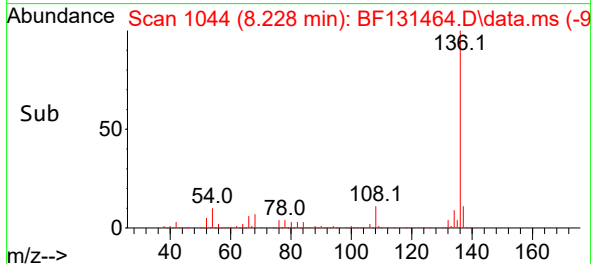
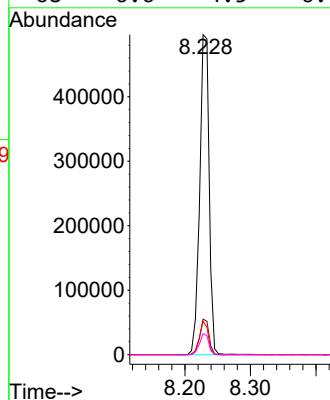
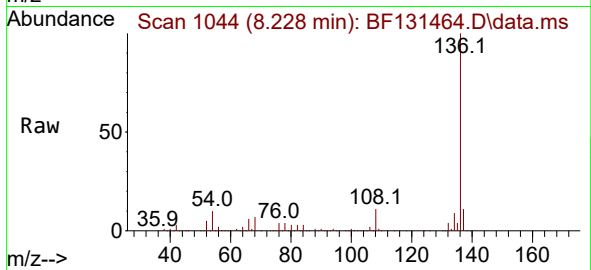




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.018 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

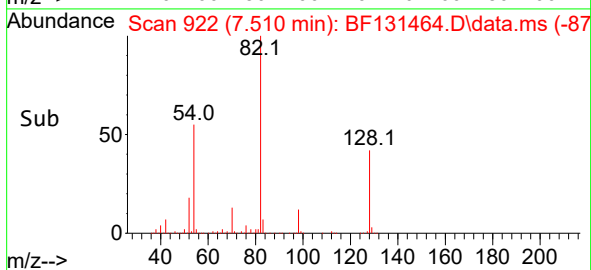
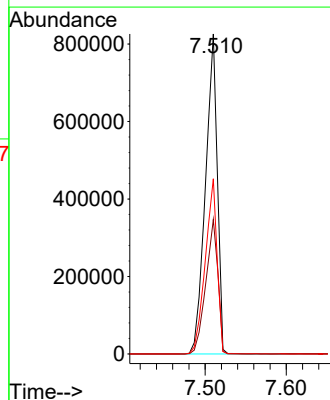
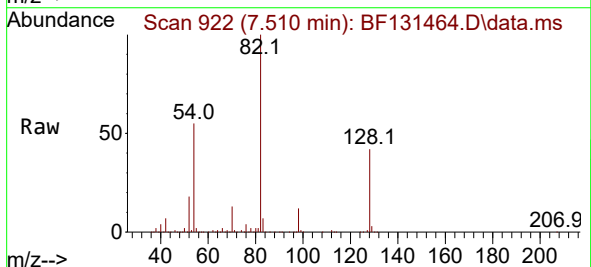
Instrument :
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ClientSampleId :
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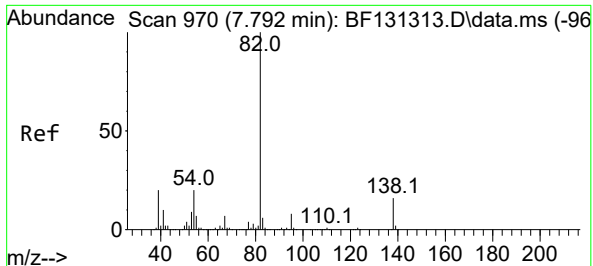
Tgt Ion:136 Resp: 499683
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.4 9.4 14.0
68 6.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.339 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.018 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

Tgt Ion: 82 Resp: 836021
Ion Ratio Lower Upper
82 100
128 42.0 31.4 47.0
54 54.8 49.8 74.6

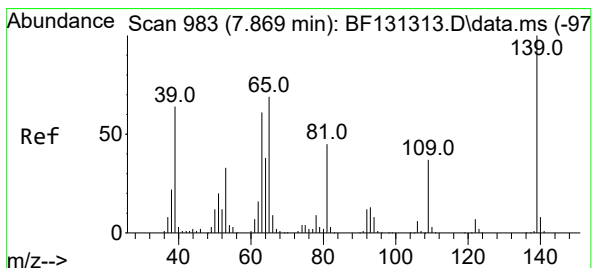
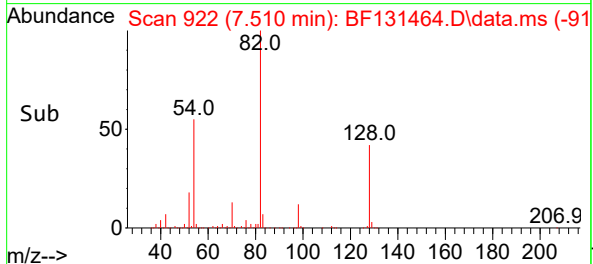
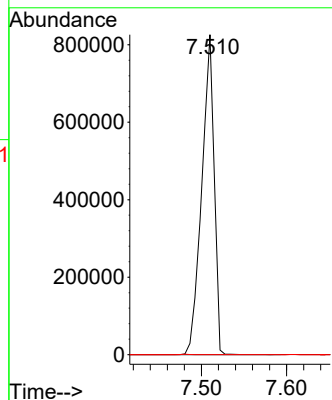
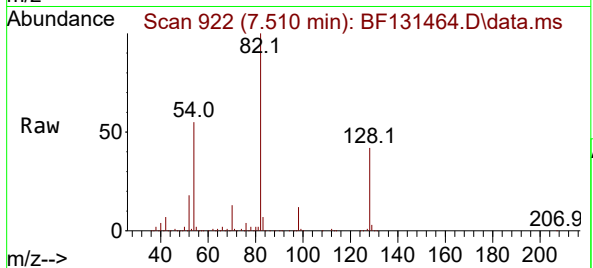




#25
Isophorone
Concen: 47.272 ng
RT: 7.510 min Scan# 910
Delta R.T. -0.271 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

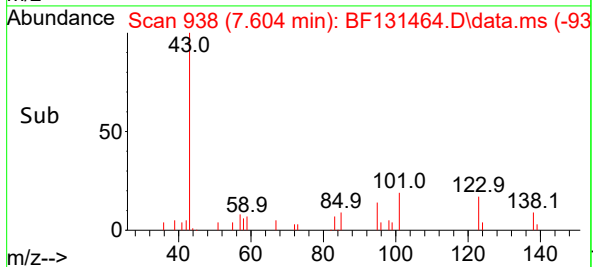
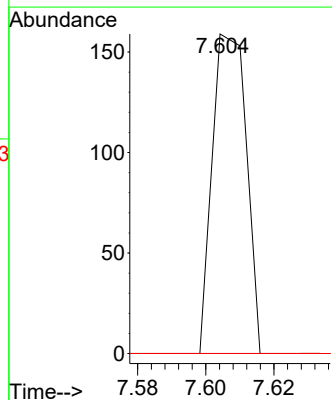
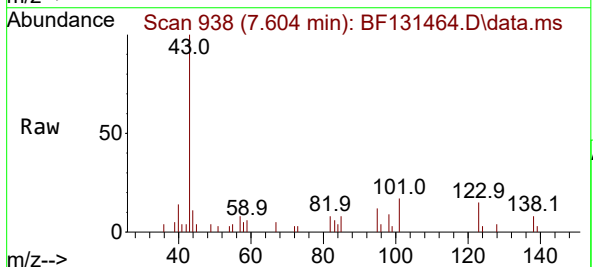
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ClientSampleId :
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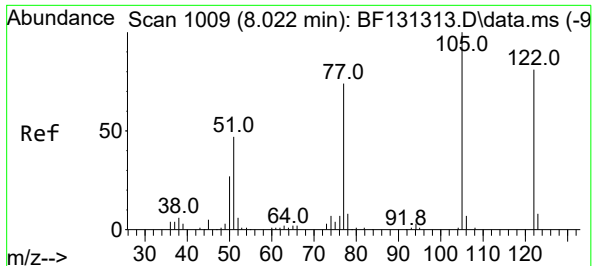
Tgt Ion: 82 Resp: 836010
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.617 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.253 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

Tgt Ion: 139 Resp: 110
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 55.7 83.5#

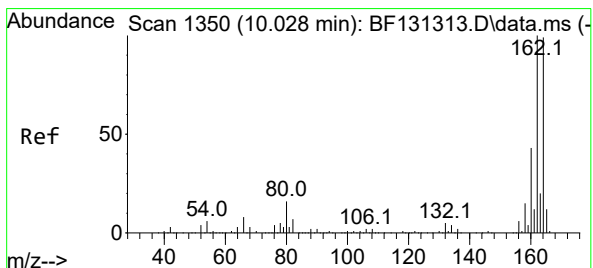
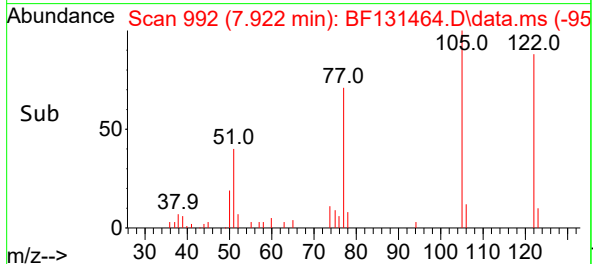
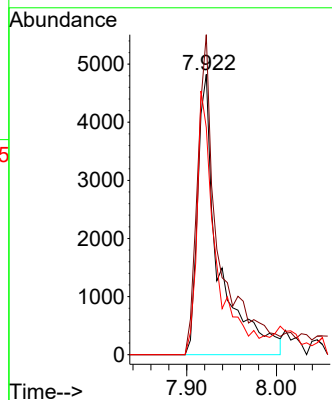
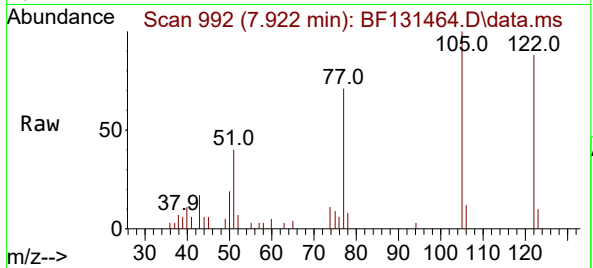




#32
Benzoic acid
Concen: 7.262 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.082 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

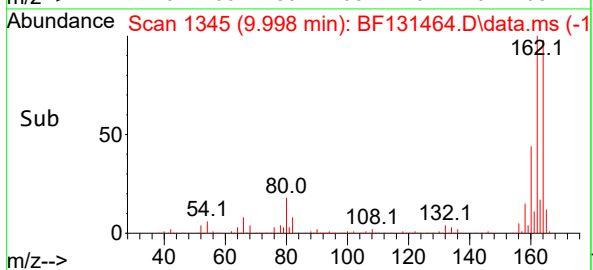
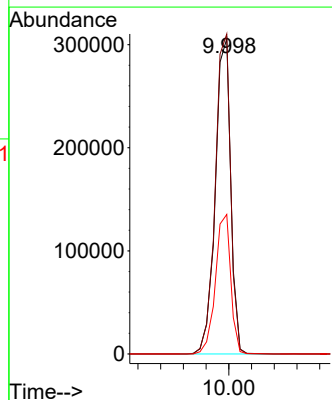
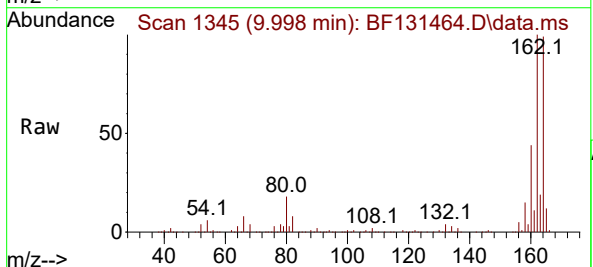
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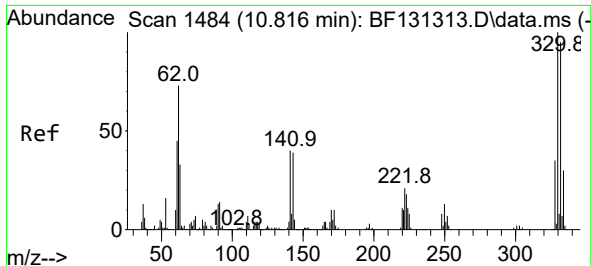
Tgt Ion:122 Resp: 7828
Ion Ratio Lower Upper
122 100
105 114.2 103.8 143.8
77 81.1 74.3 114.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

Tgt Ion:164 Resp: 287897
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 44.3 34.4 51.6

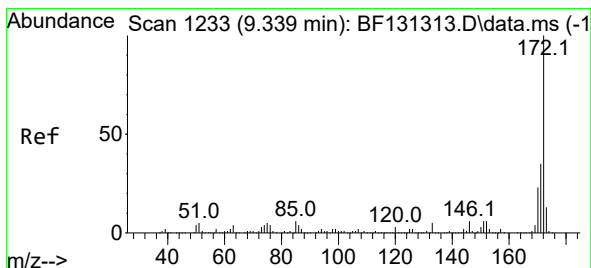
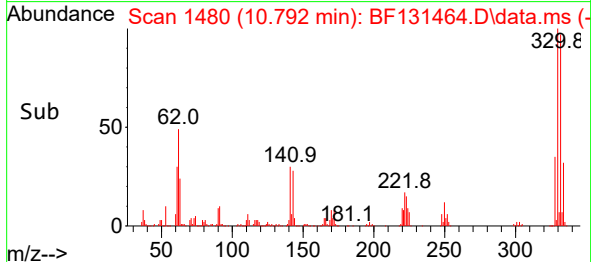
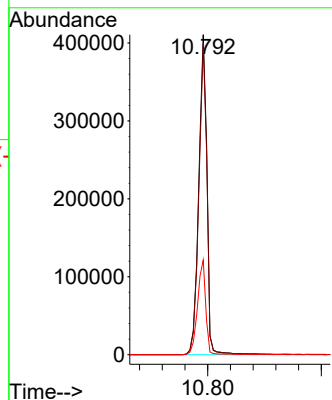
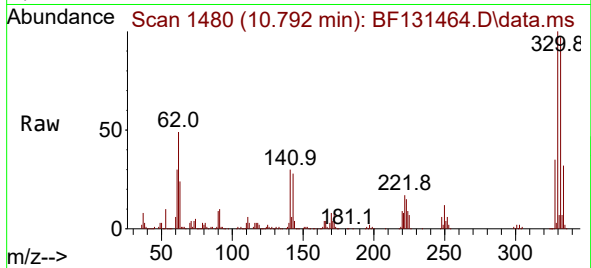




#42
2,4,6-Tribromophenol
Concen: 170.869 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

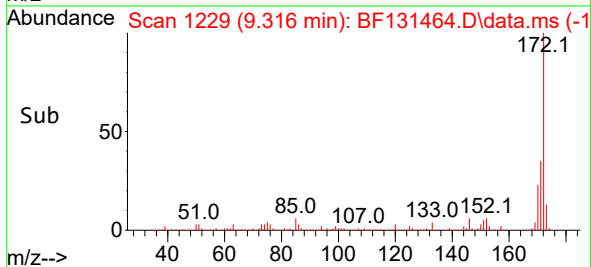
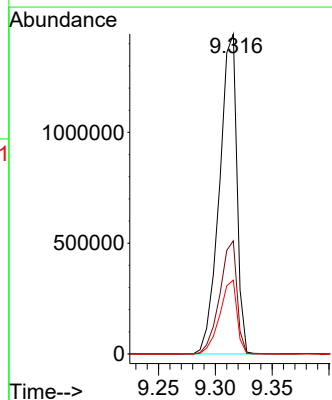
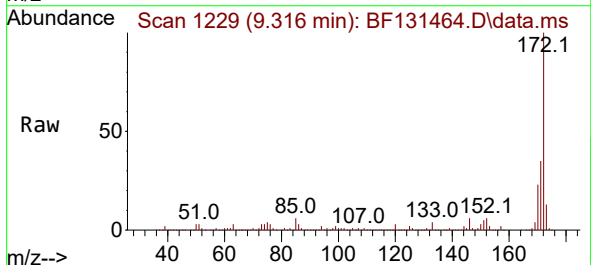
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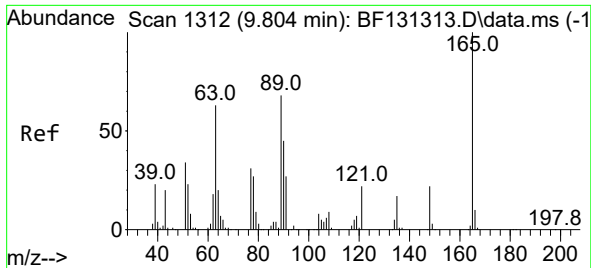
Tgt Ion:330 Resp: 413862
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 29.8 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 78.214 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

Tgt Ion:172 Resp: 1547795
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.0 18.7 28.1

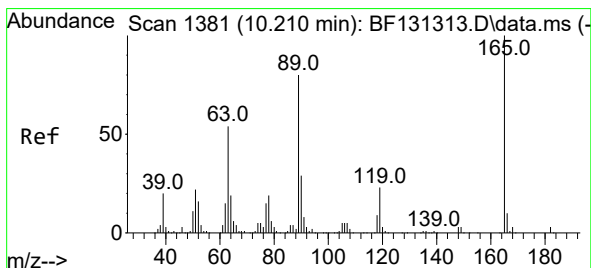
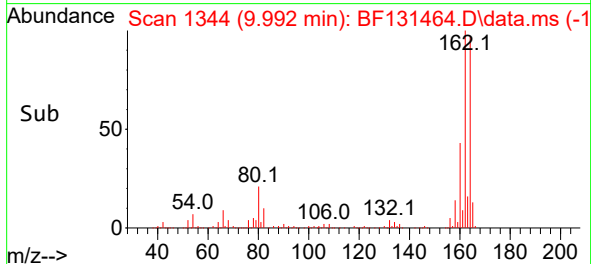
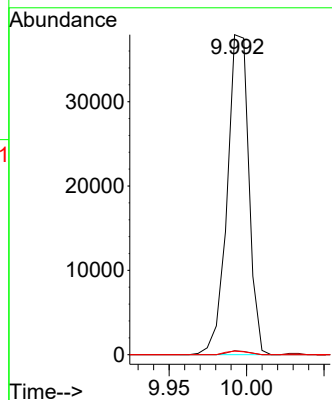
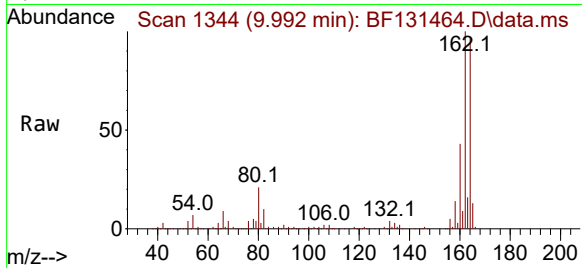




#51
2,6-Dinitrotoluene
Concen: 9.174 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.200 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

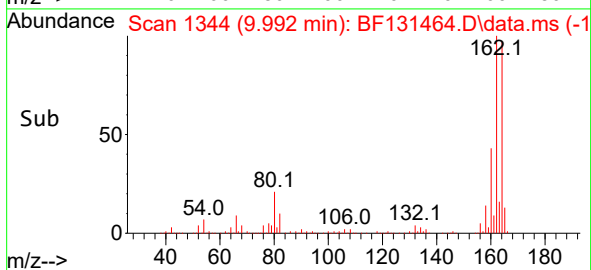
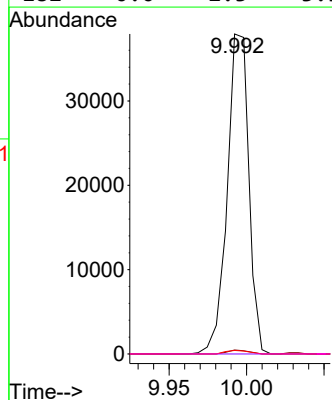
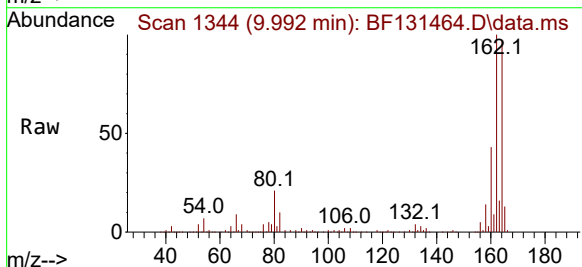
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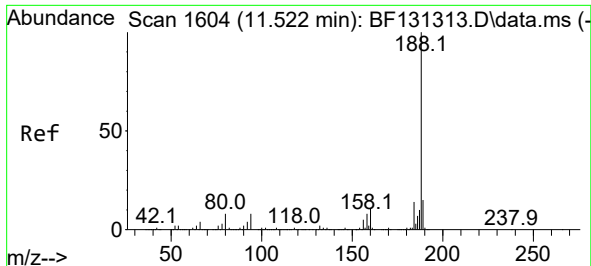
Tgt Ion:165 Resp: 36802
Ion Ratio Lower Upper
165 100
63 1.3 62.0 93.0#
89 1.1 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.291 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.206 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

Tgt Ion:165 Resp: 36802
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.2#
89 1.1 64.0 96.0#
182 0.0 2.3 3.5#

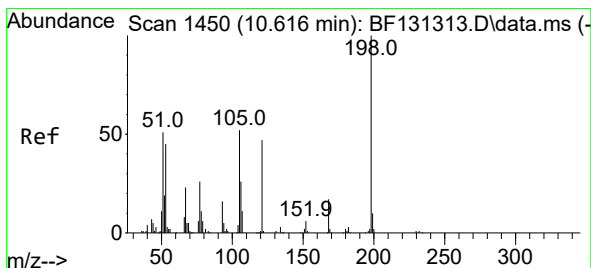
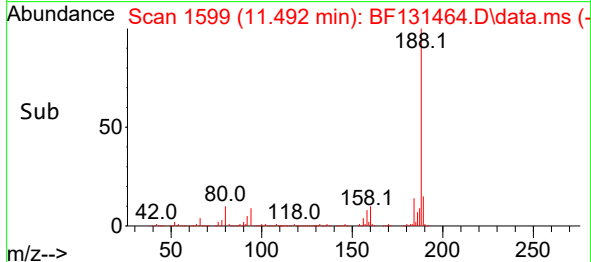
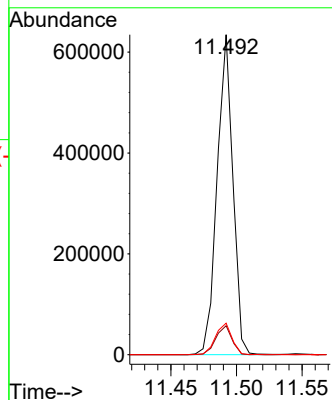
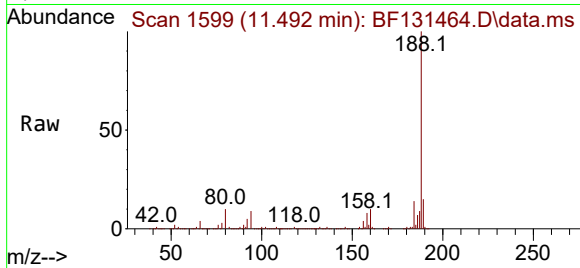




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

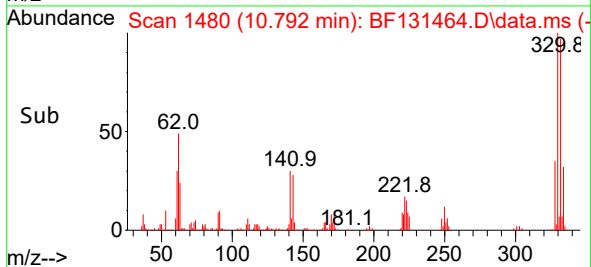
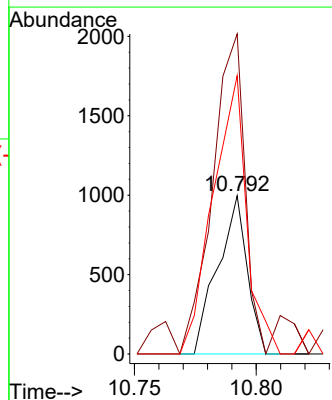
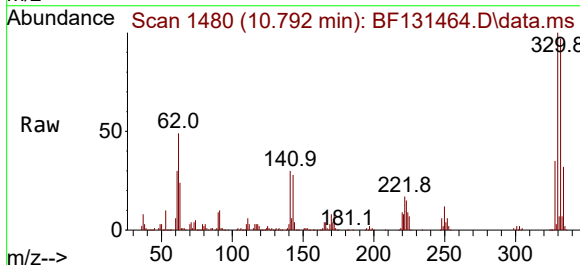
Instrument :
BNA_F
ClientSampleId :
MH-15

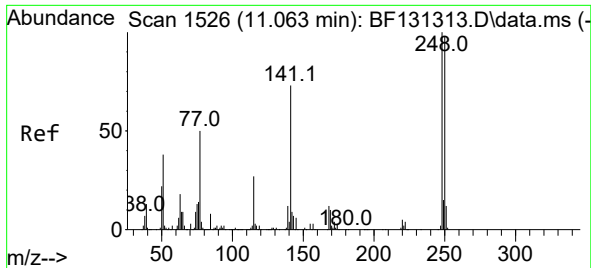
Tgt Ion:188 Resp: 530694
Ion Ratio Lower Upper
188 100
94 9.0 6.3 9.5
80 9.8 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.987 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.188 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

Tgt Ion:198 Resp: 839
Ion Ratio Lower Upper
198 100
51 202.1 50.1 90.1#
105 175.7 32.5 72.5#

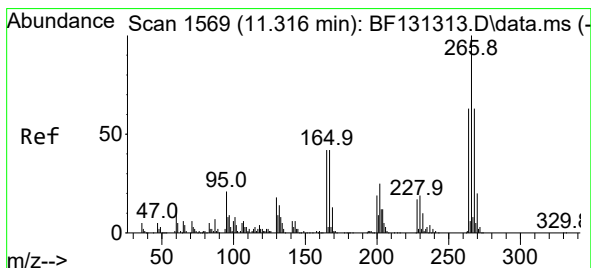
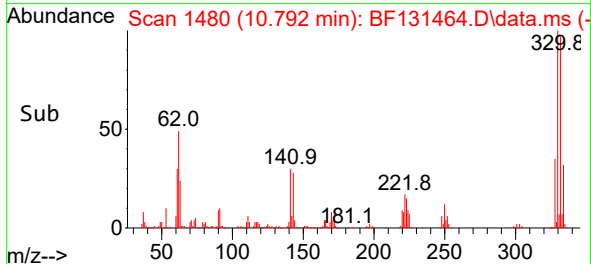
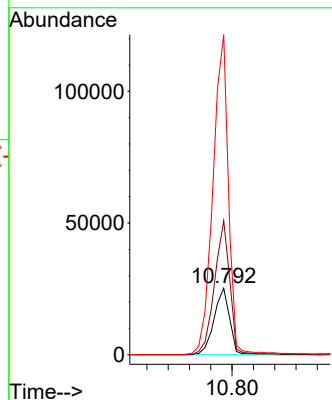
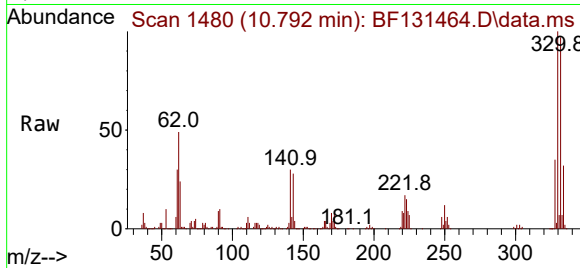




#67
4-Bromophenyl-phenylether
Concen: 3.928 ng
RT: 10.792 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

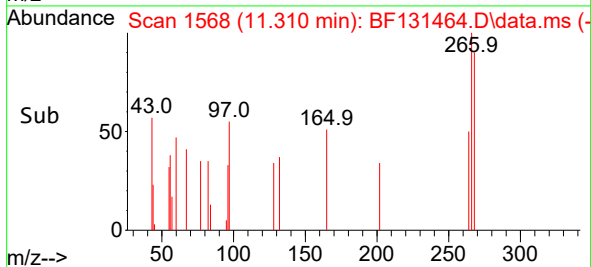
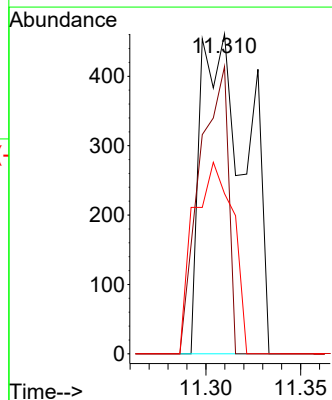
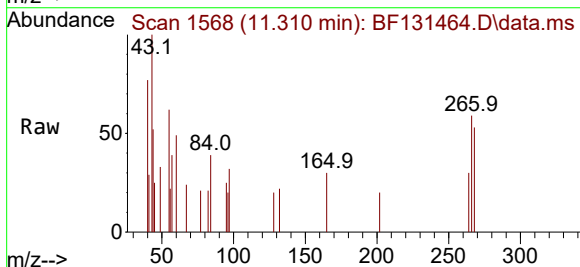
Instrument :
BNA_F
ClientSampleId :
MH-15

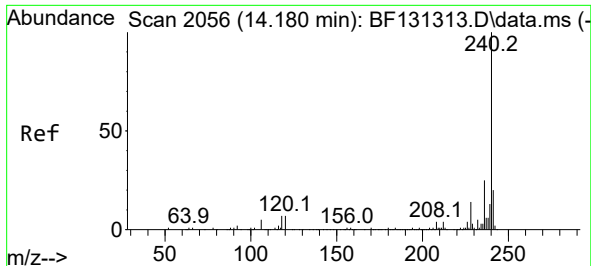
Tgt Ion:248 Resp: 25549
Ion Ratio Lower Upper
248 100
250 201.8 78.3 117.5#
141 482.3 58.0 87.0#



#70
Pentachlorophenol
Concen: 5.062 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.006 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

Tgt Ion:266 Resp: 785
Ion Ratio Lower Upper
266 100
268 89.8 50.6 75.8#
264 50.1 50.4 75.6#

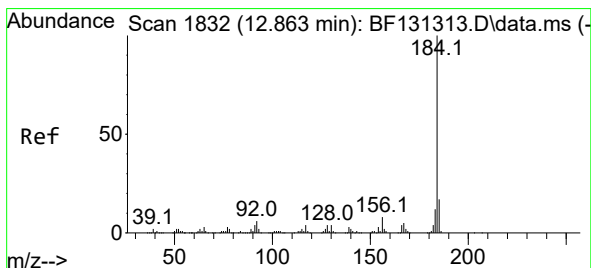
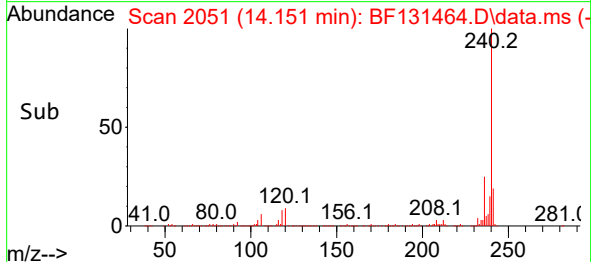
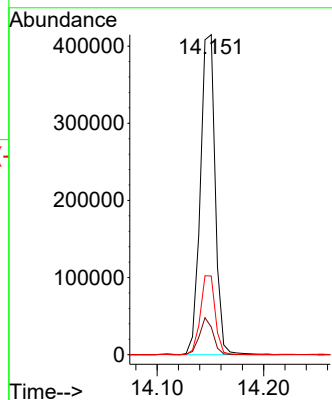
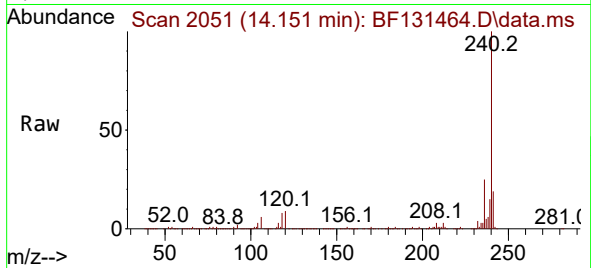




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.018 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

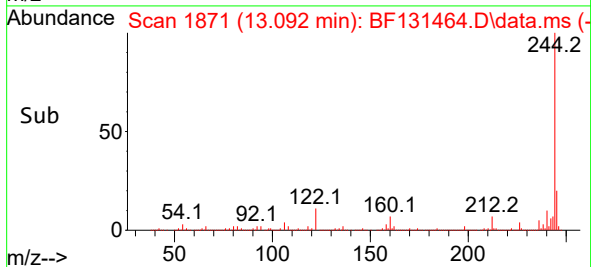
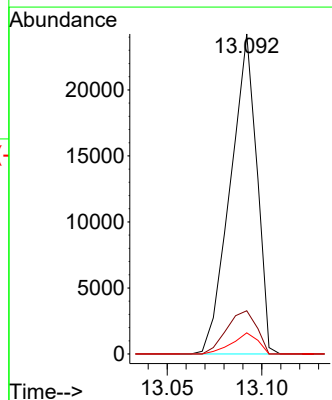
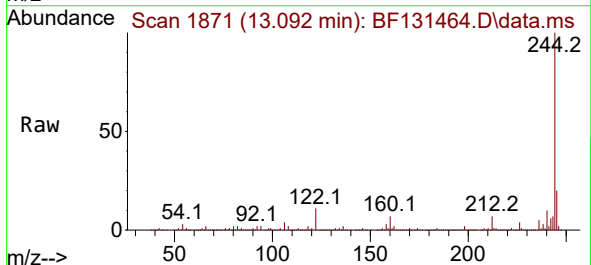
Instrument :
BNA_F
ClientSampleId :
MH-15

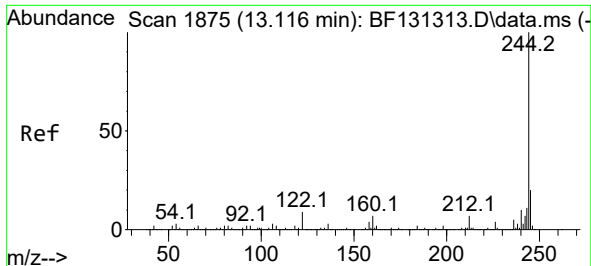
Tgt Ion:240 Resp: 402872
Ion Ratio Lower Upper
240 100
120 8.7 5.8 8.8
236 24.6 20.3 30.5



#77
Benzidine
Concen: 3.151 ng
RT: 13.092 min Scan# 1871
Delta R.T. 0.241 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

Tgt Ion:184 Resp: 23451
Ion Ratio Lower Upper
184 100
185 13.5 13.8 20.8#
183 6.6 9.6 14.4#

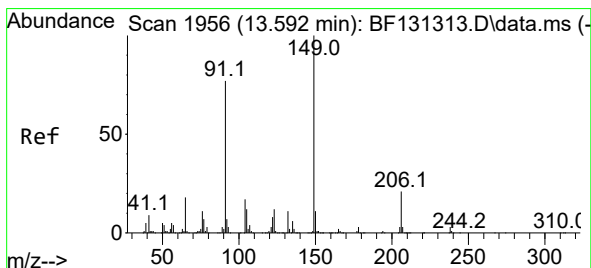
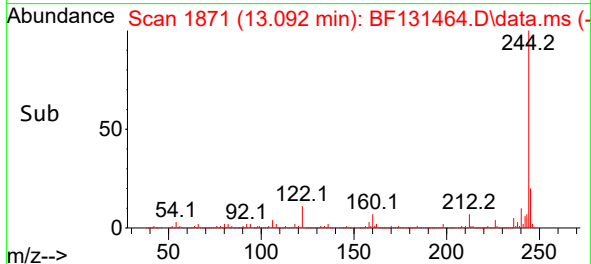
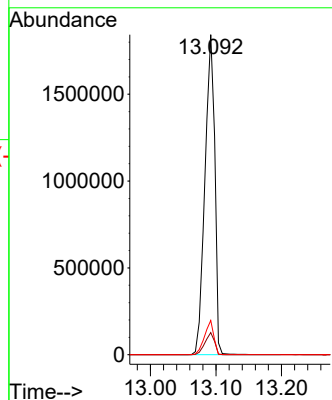
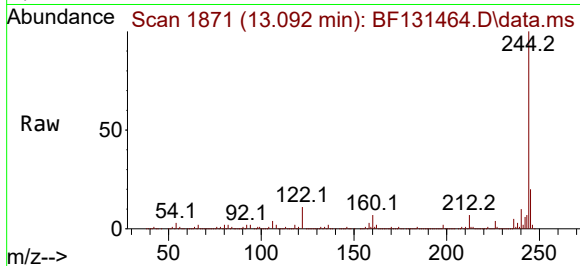




#79
 Terphenyl-d14
 Concen: 78.385 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF131464.D
 Acq: 29 Nov 2022 19:14

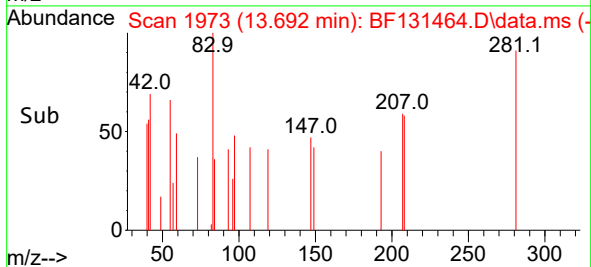
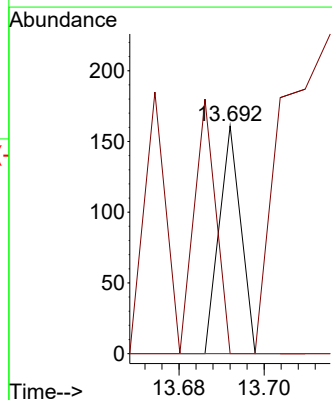
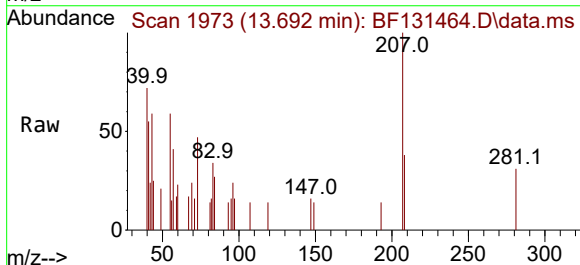
Instrument :
 BNA_F
 ClientSampleId :
 MH-15

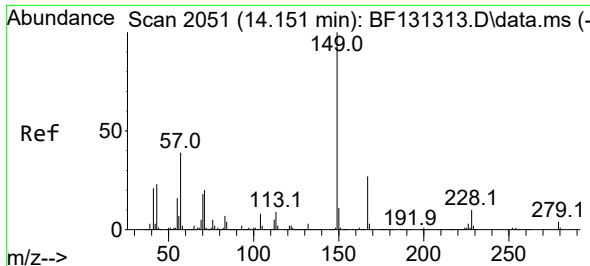
Tgt Ion:244 Resp: 1931130
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.7 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.148 ng
 RT: 13.692 min Scan# 1973
 Delta R.T. 0.112 min
 Lab File: BF131464.D
 Acq: 29 Nov 2022 19:14

Tgt Ion:149 Resp: 57
 Ion Ratio Lower Upper
 149 100
 91 0.0 61.9 92.9#
 206 0.0 16.5 24.7#

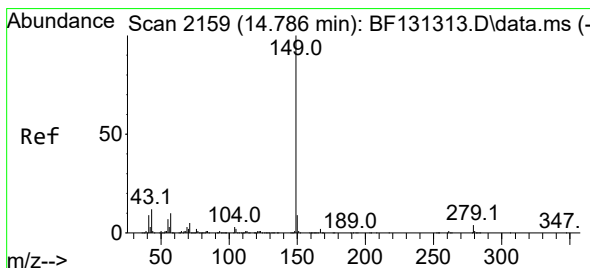
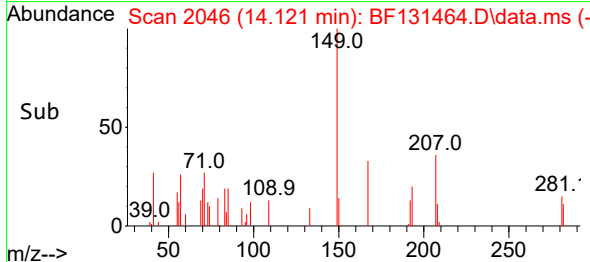
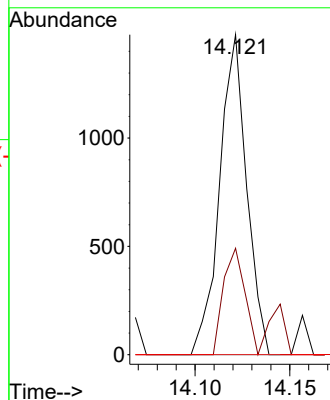
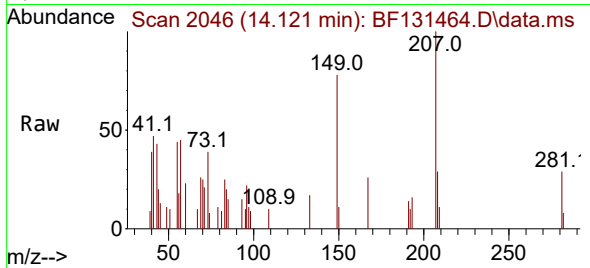




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.834 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.018 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

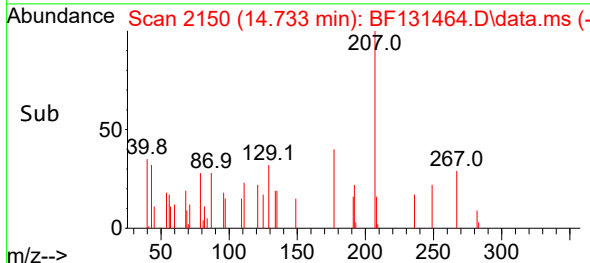
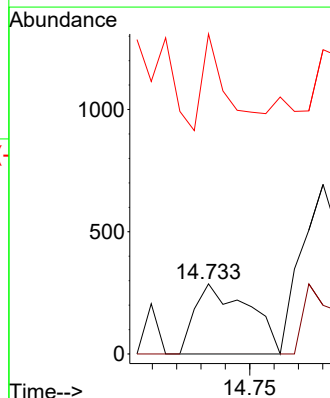
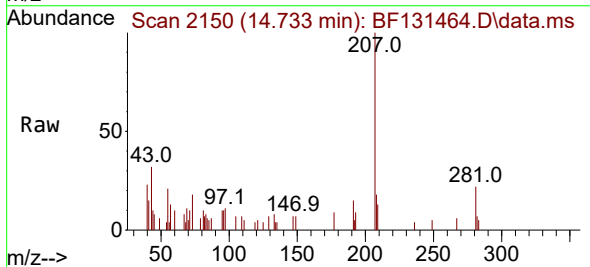
Instrument :
BNA_F
ClientSampleId :
MH-15

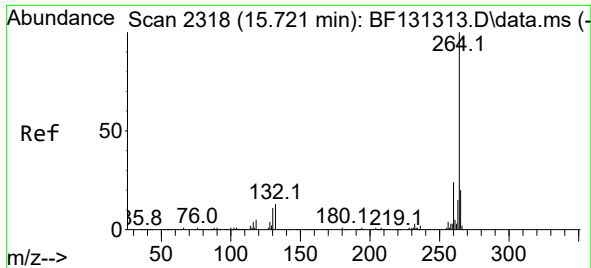
Tgt Ion:149 Resp: 1468
Ion Ratio Lower Upper
149 100
167 33.2 21.9 32.9#
279 0.0 3.0 4.4#



#85
Di-n-octyl phthalate
Concen: 3.924 ng
RT: 14.733 min Scan# 2150
Delta R.T. -0.030 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

Tgt Ion:149 Resp: 438
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 63.2 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF131464.D
Acq: 29 Nov 2022 19:14

Instrument :
BNA_F
ClientSampleId :
MH-15

Tgt Ion:264 Resp: 311347
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 21.2 16.4 24.6

