

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138435.D
 Acq On : 02 Jul 2024 19:09
 Operator : CG\JU
 Sample : P3135-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-628-COMP-01

Quant Time: Jul 03 01:12:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

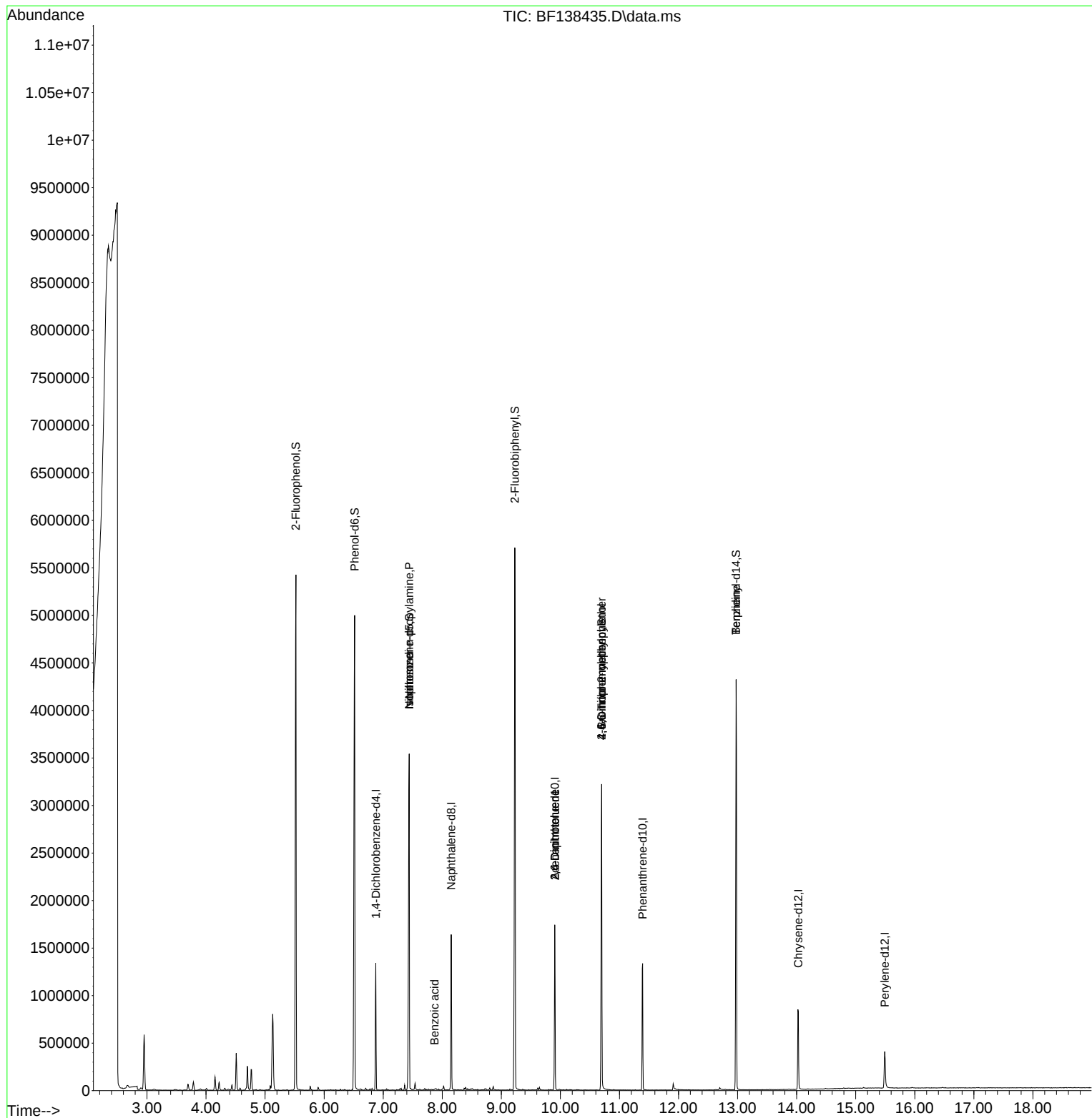
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	166263	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	647999	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	335442	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	480600	20.000	ng	0.00
76) Chrysene-d12	14.027	240	294041	20.000	ng	0.00
86) Perylene-d12	15.492	264	176369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1419150	141.516	ng	0.02
7) Phenol-d6	6.516	99	1836187	135.923	ng	0.00
23) Nitrobenzene-d5	7.440	82	1212412	97.195	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	367321	134.029	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1936102	91.856	ng	0.00
79) Terphenyl-d14	12.974	244	1535111	71.546	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	163964	19.253	ng	# 75
25) Isophorone	7.440	82	1212394	52.711	ng	# 67
32) Benzoic acid	7.869	122	3327	4.575	ng	95
51) 2,6-Dinitrotoluene	9.904	165	42348	8.771	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	42348	7.123	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.698	198	1196	6.208	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	25048	4.849	ng	# 1
77) Benzidine	12.974	184	20245	8.610	ng	# 93

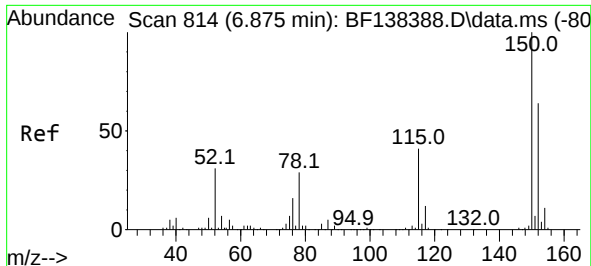
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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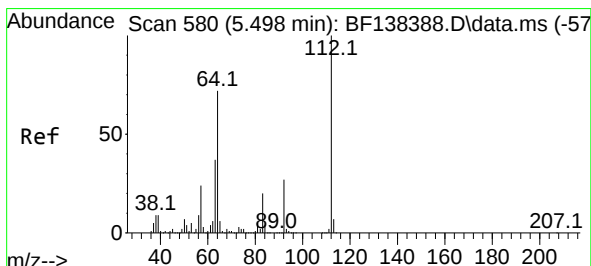
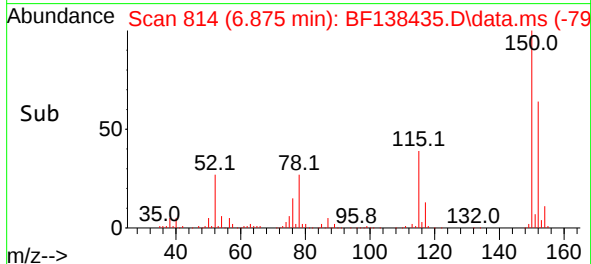
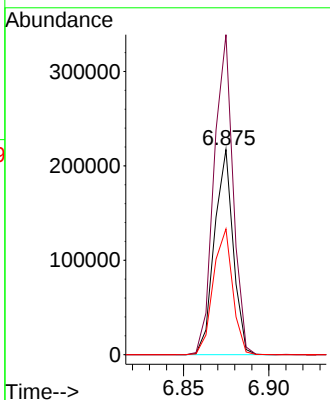
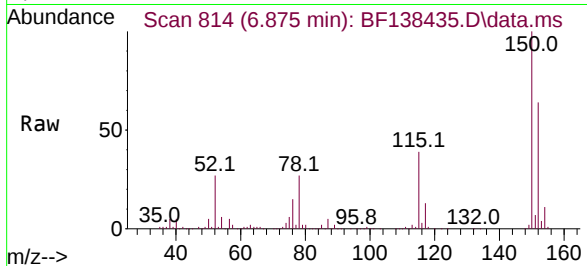




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

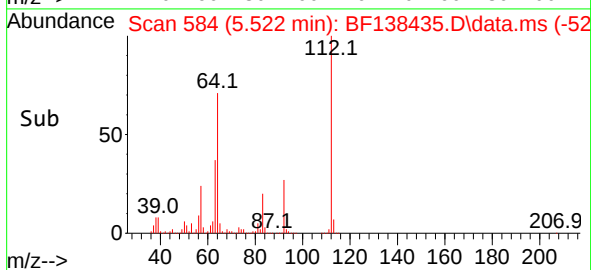
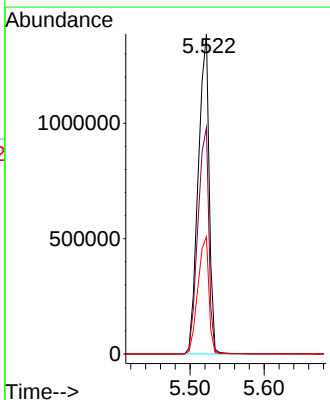
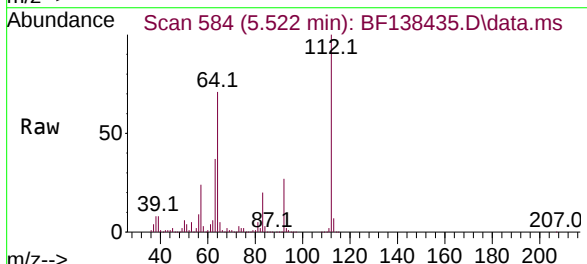
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01

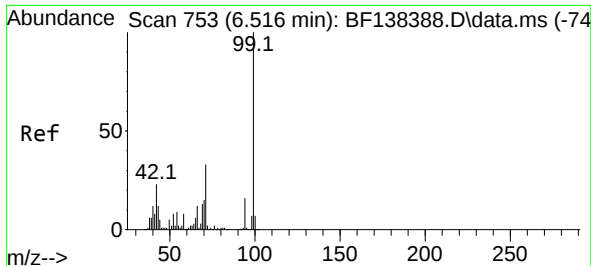
Tgt Ion:152 Resp: 166263
Ion Ratio Lower Upper
152 100
150 156.0 124.9 187.3
115 61.3 50.8 76.2



#5
2-Fluorophenol
Concen: 141.516 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.024 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

Tgt Ion:112 Resp: 1419150
Ion Ratio Lower Upper
112 100
64 70.7 57.2 85.8
63 36.6 29.4 44.0

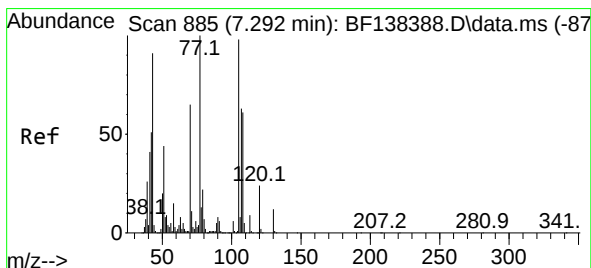
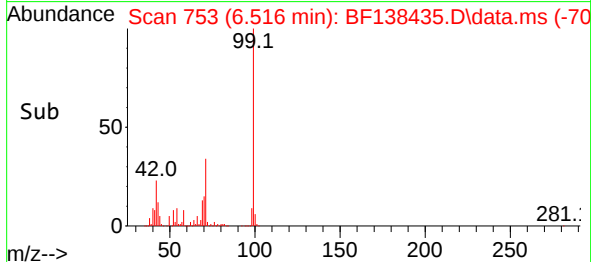
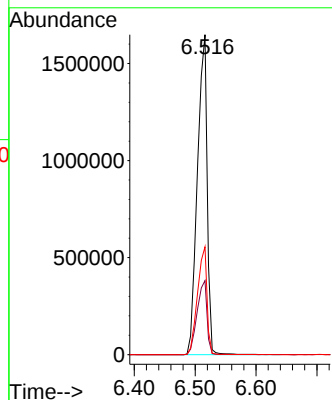
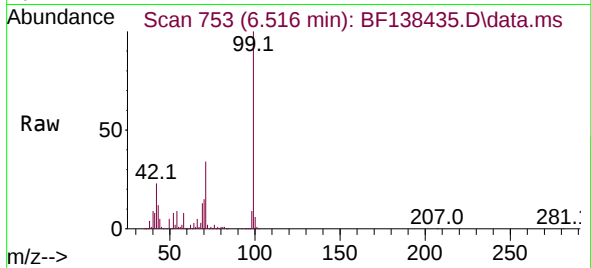




#7
Phenol-d6
Concen: 135.923 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

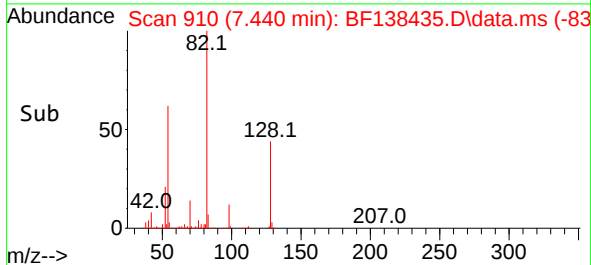
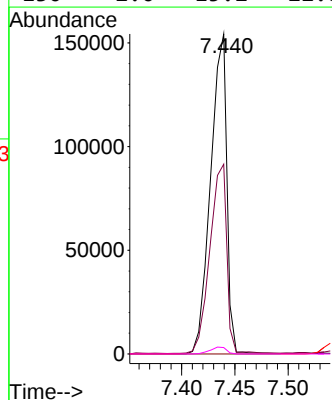
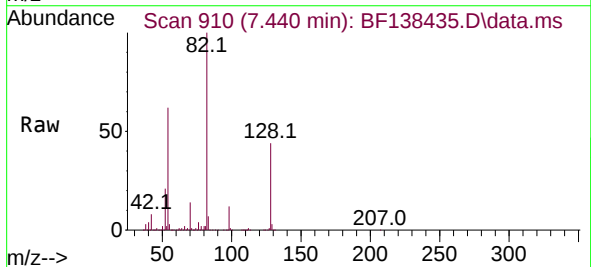
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01

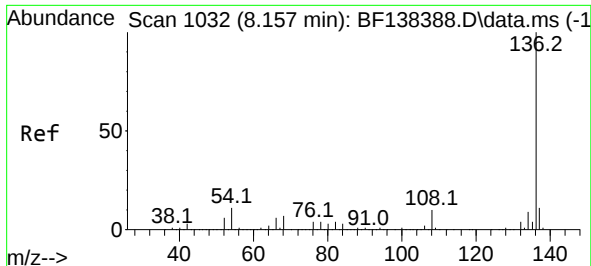
Tgt Ion: 99 Resp: 1836187
Ion Ratio Lower Upper
99 100
42 23.2 18.5 27.7
71 33.7 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.253 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

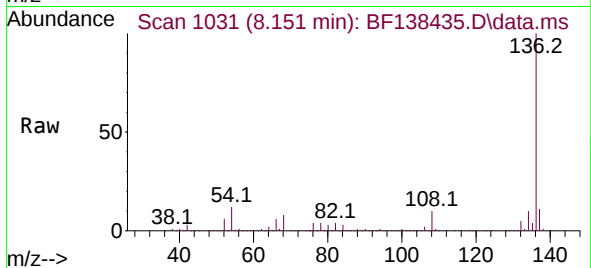
Tgt Ion: 70 Resp: 163964
Ion Ratio Lower Upper
70 100
42 59.3 62.5 93.7#
101 0.0 7.0 10.4#
130 2.0 15.2 22.8#



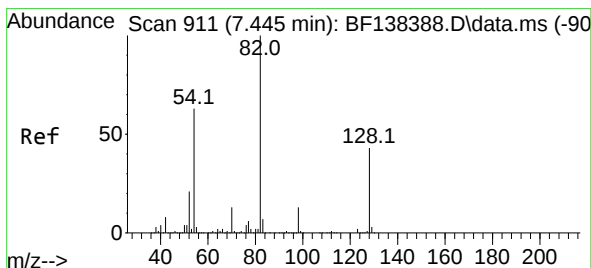
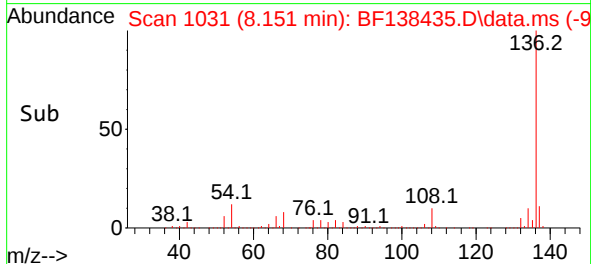
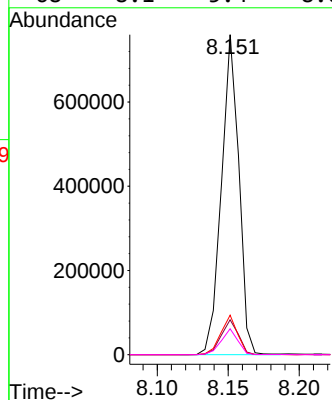


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01

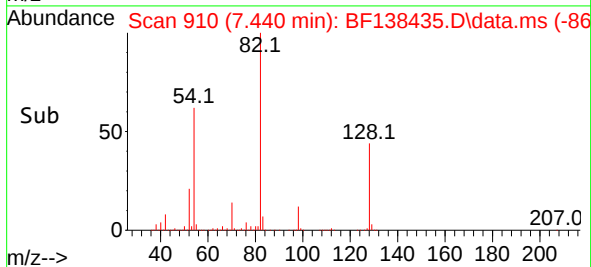
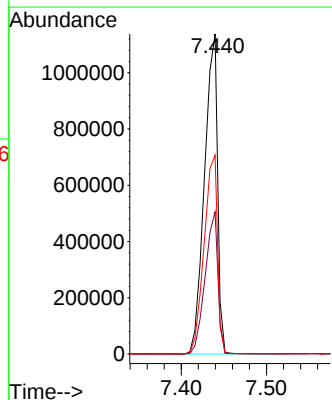
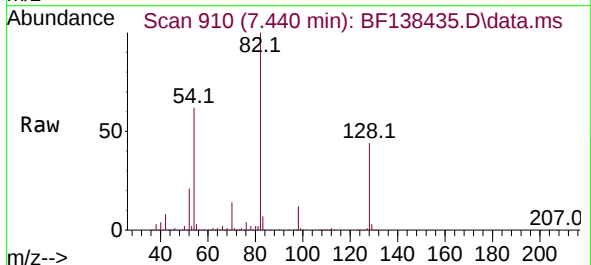


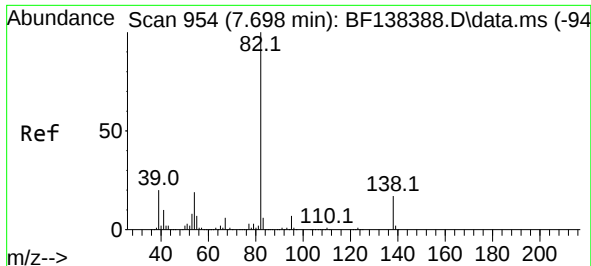
Tgt Ion:136 Resp: 647999
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 12.3 9.0 13.4
68 8.1 5.4 8.0#



#23
Nitrobenzene-d5
Concen: 97.195 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

Tgt Ion: 82 Resp: 1212412
Ion Ratio Lower Upper
82 100
128 44.4 34.6 52.0
54 62.1 50.5 75.7

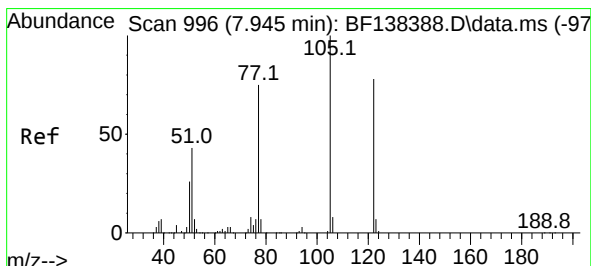
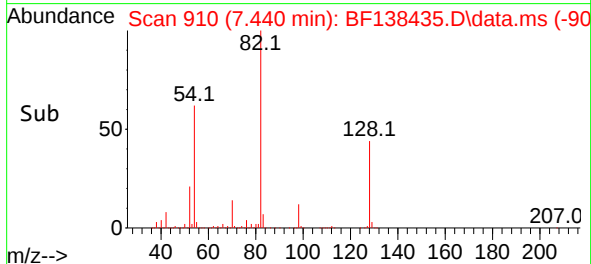
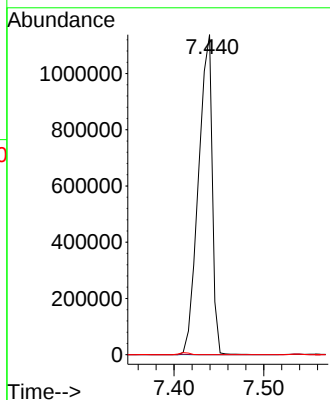
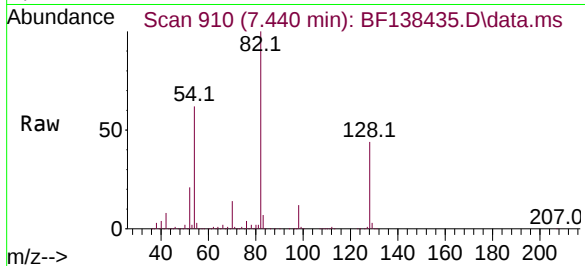




#25
Isophorone
Concen: 52.711 ng
RT: 7.440 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

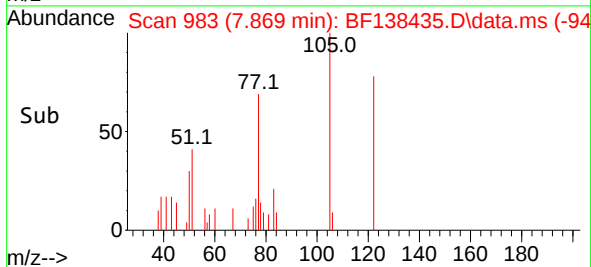
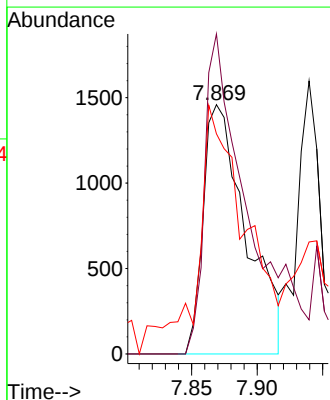
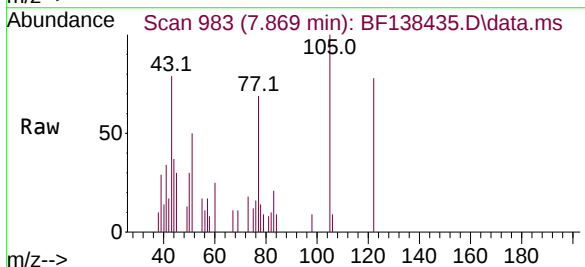
Instrument :
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ClientSampleId :
OK-628-COMP-01

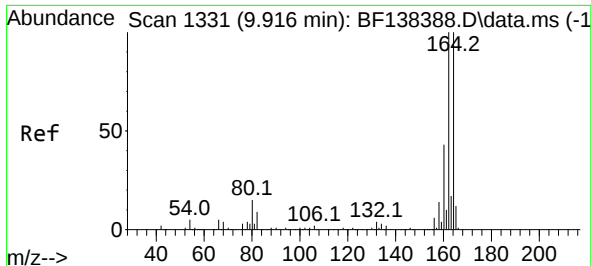
Tgt Ion: 82 Resp: 1212394
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.575 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.076 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

Tgt Ion:122 Resp: 3327
Ion Ratio Lower Upper
122 100
105 128.4 103.8 143.8
77 88.3 74.3 114.3

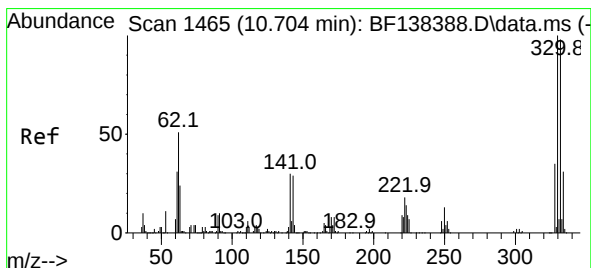
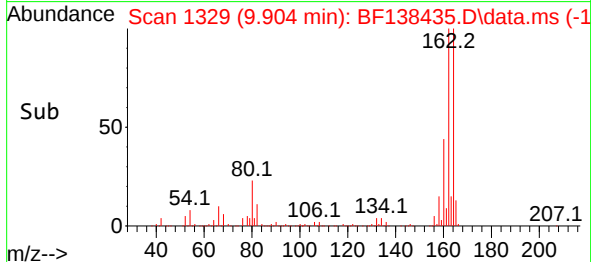
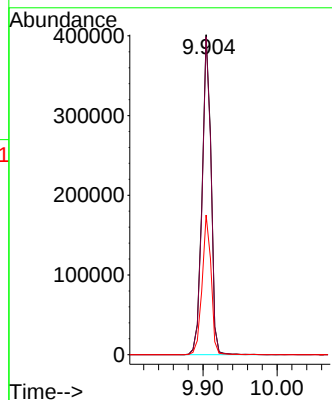
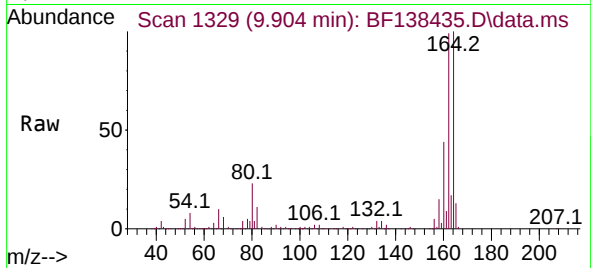




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

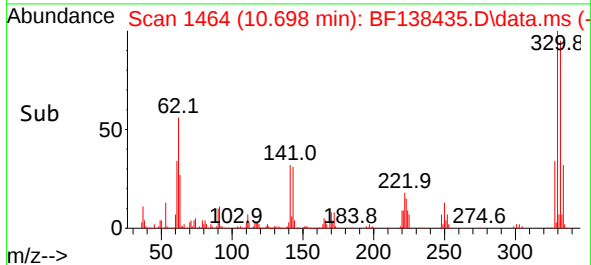
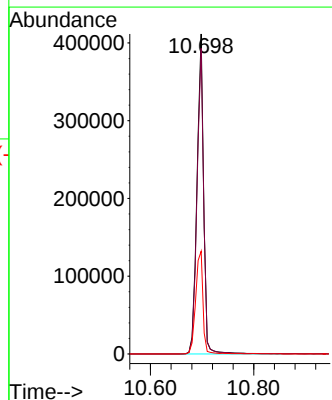
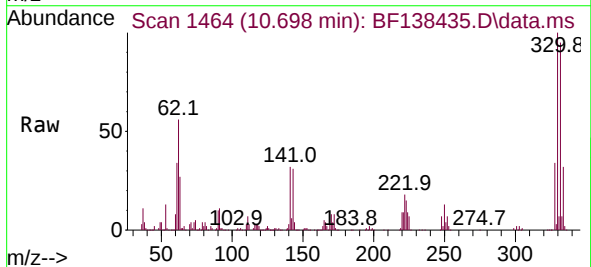
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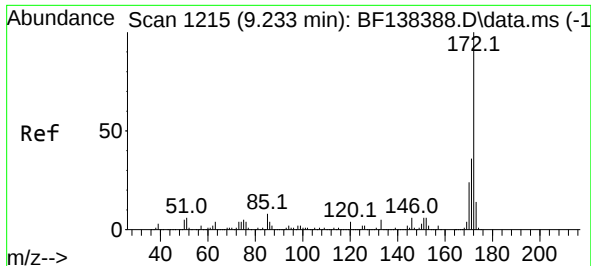
Tgt Ion:164 Resp: 335442
Ion Ratio Lower Upper
164 100
162 99.3 80.1 120.1
160 43.6 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 134.029 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

Tgt Ion:330 Resp: 367321
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 35.4 28.1 42.1

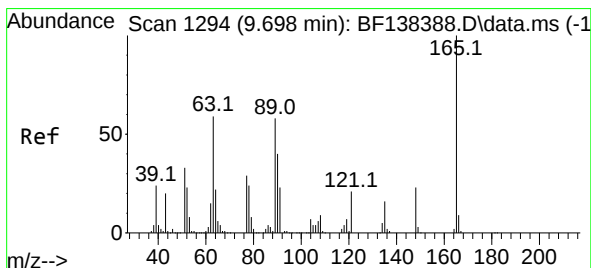
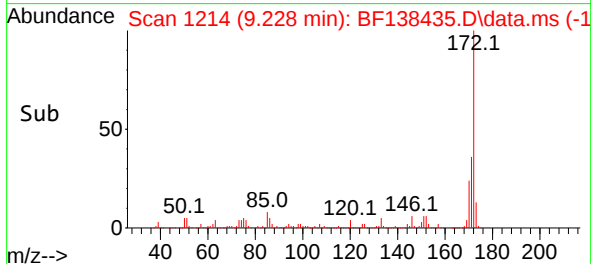
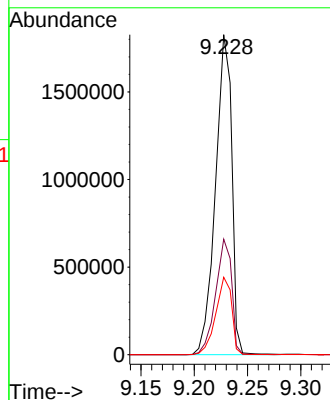
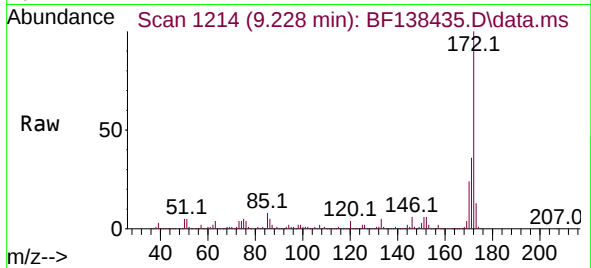




#45
2-Fluorobiphenyl
Concen: 91.856 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

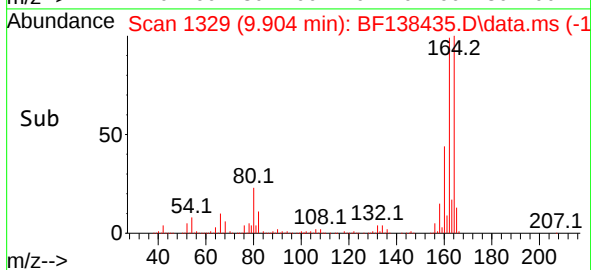
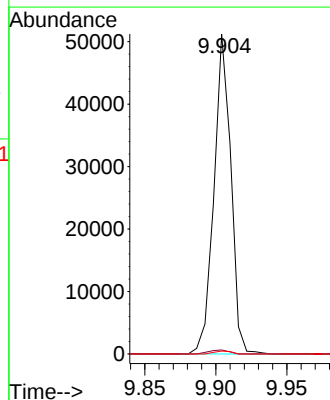
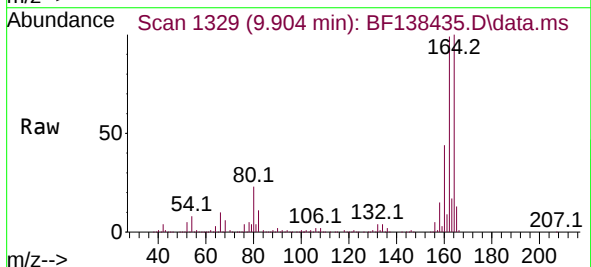
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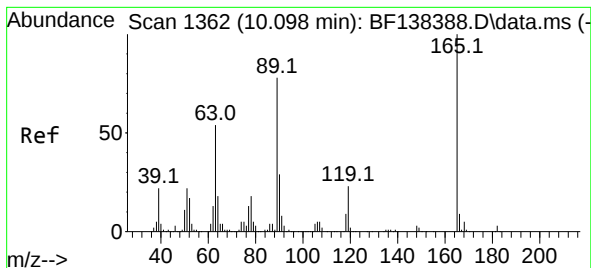
Tgt Ion:172 Resp: 1936102
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.2 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.771 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

Tgt Ion:165 Resp: 42348
Ion Ratio Lower Upper
165 100
63 1.2 53.8 80.8#
89 0.9 46.4 69.6#

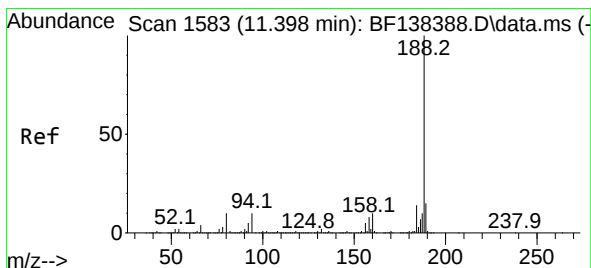
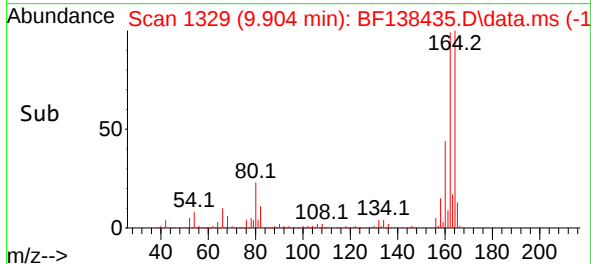
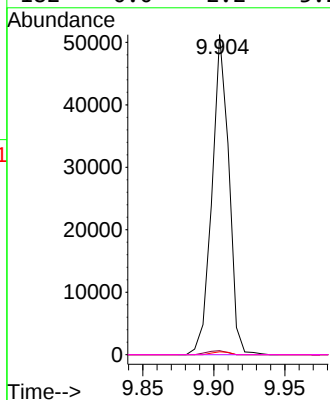
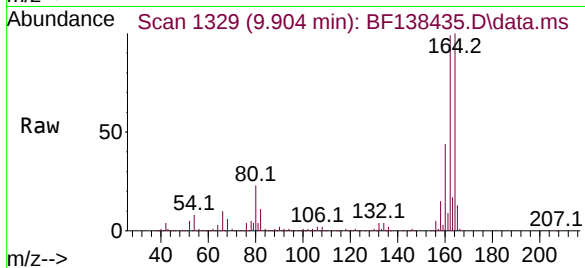




#57
2,4-Dinitrotoluene
Concen: 7.123 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

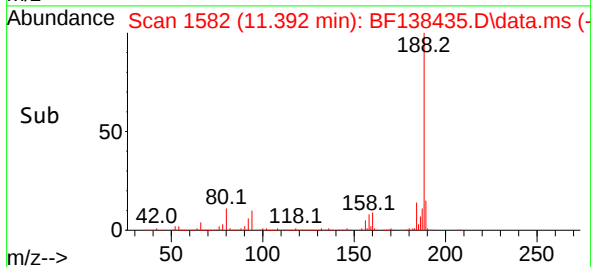
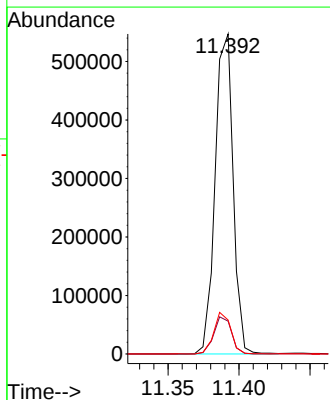
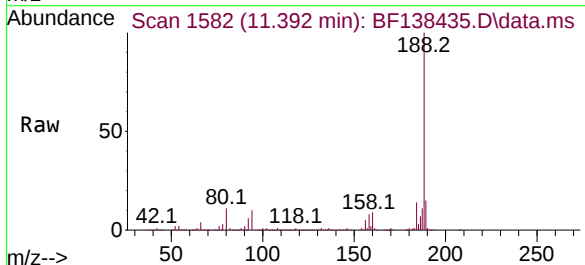
Instrument :
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OK-628-COMP-01

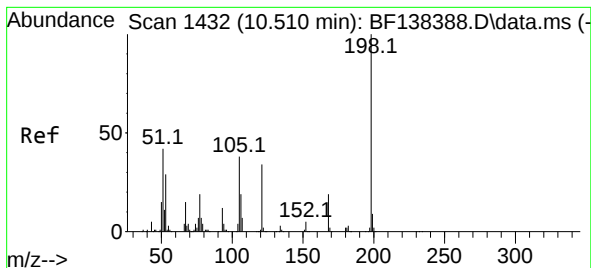
Tgt Ion:165 Resp: 42348
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.2#
89 0.9 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

Tgt Ion:188 Resp: 480600
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 10.6 8.2 12.4

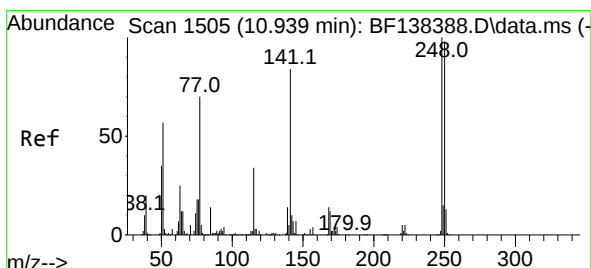
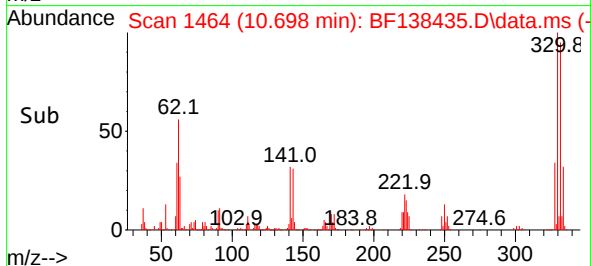
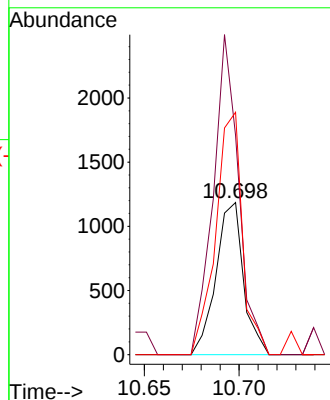
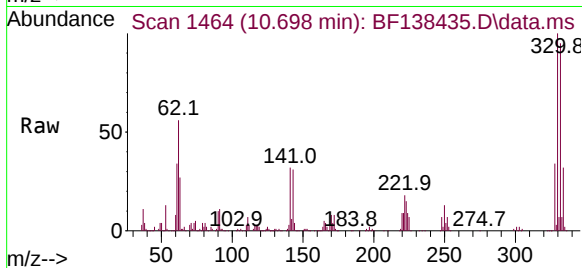




#65
4,6-Dinitro-2-methylphenol
Concen: 6.208 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

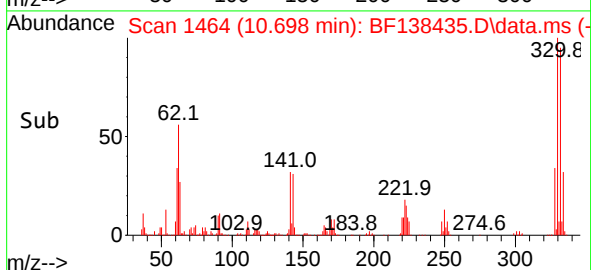
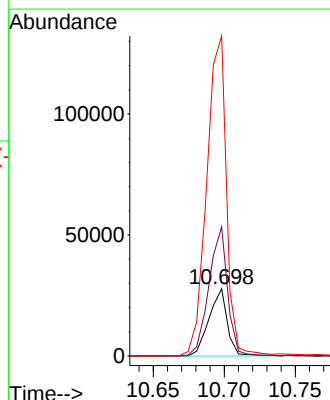
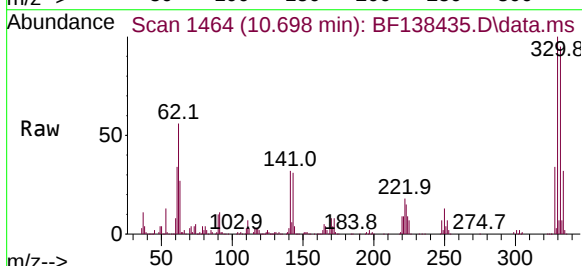
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01

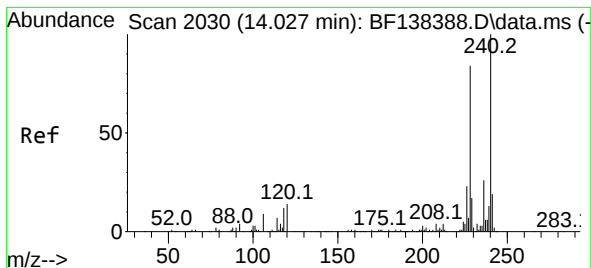
Tgt Ion:198 Resp: 1196
Ion Ratio Lower Upper
198 100
51 144.2 27.9 67.9#
105 159.3 18.2 58.2#



#67
4-Bromophenyl-phenylether
Concen: 4.849 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF138435.D
Acq: 02 Jul 2024 19:09

Tgt Ion:248 Resp: 25048
Ion Ratio Lower Upper
248 100
250 191.9 78.2 117.4#
141 475.6 67.6 101.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138435.D

Acq: 02 Jul 2024 19:09

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-01

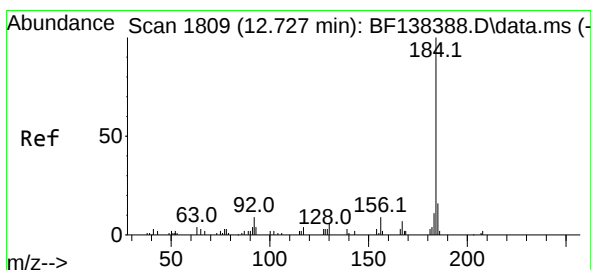
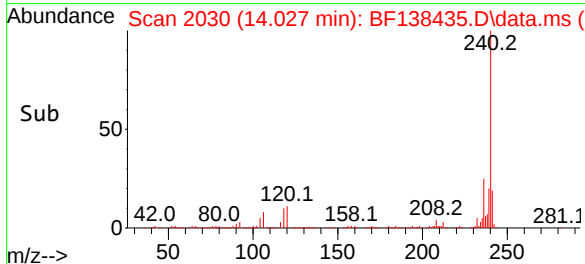
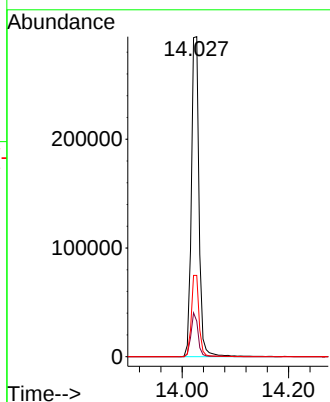
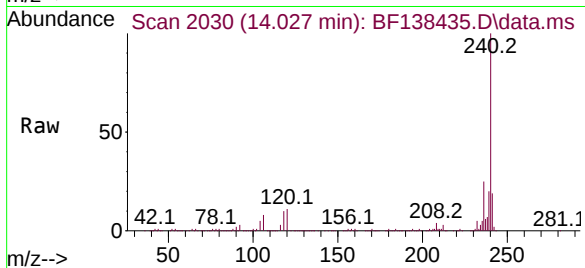
Tgt Ion:240 Resp: 294041

Ion Ratio Lower Upper

240 100

120 11.1 10.9 16.3

236 25.4 20.6 30.8



#77

Benzidine

Concen: 8.610 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF138435.D

Acq: 02 Jul 2024 19:09

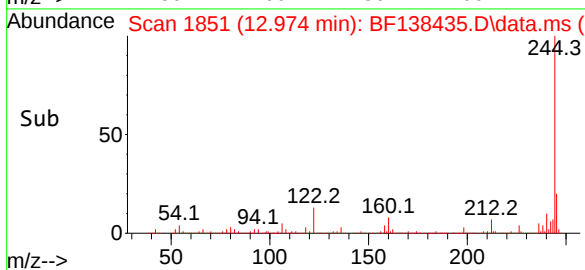
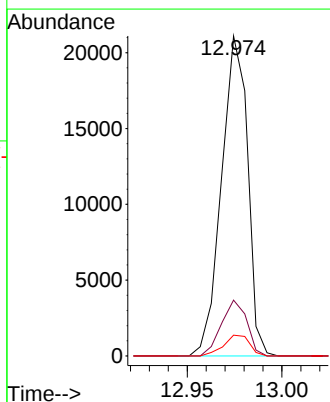
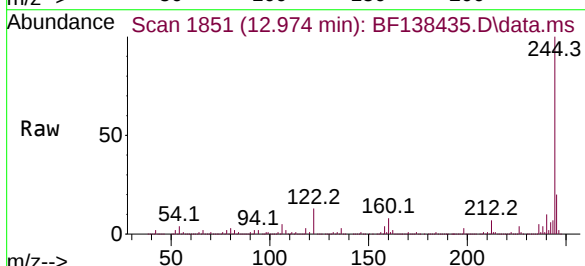
Tgt Ion:184 Resp: 20245

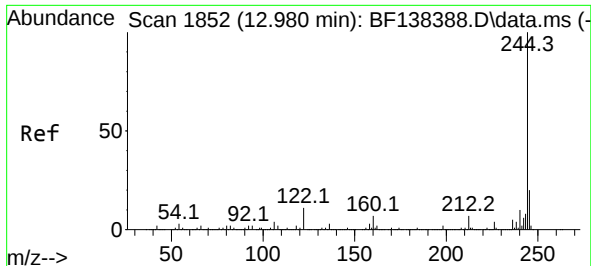
Ion Ratio Lower Upper

184 100

185 17.5 13.0 19.4

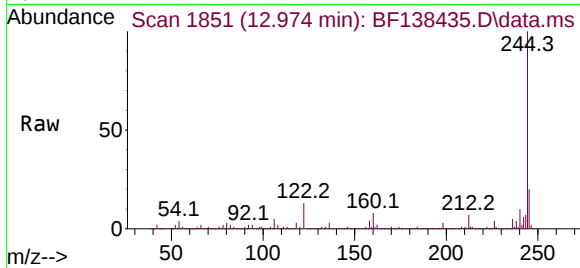
183 6.5 9.0 13.6#



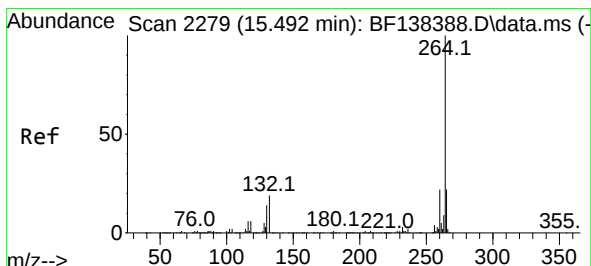
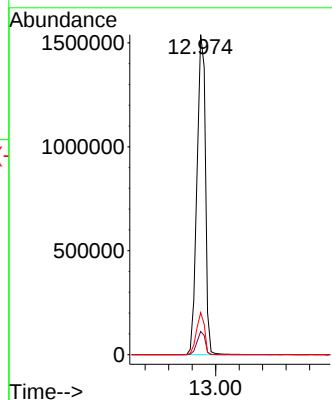
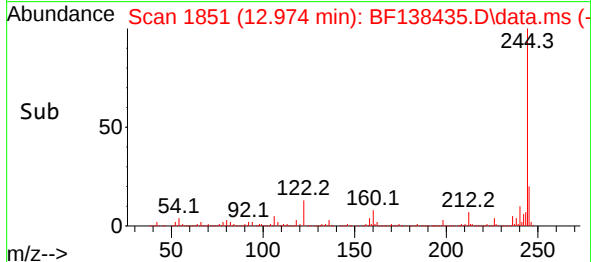


#79
 Terphenyl-d14
 Concen: 71.546 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138435.D
 Acq: 02 Jul 2024 19:09

Instrument :
 BNA_F
 ClientSampleId :
 OK-628-COMP-01



Tgt Ion:244 Resp: 1535111
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 13.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF138435.D
 Acq: 02 Jul 2024 19:09

Tgt Ion:264 Resp: 176369
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.8 26.6
 265 21.2 17.5 26.3

