

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138471.D
 Acq On : 05 Jul 2024 16:33
 Operator : CG\JU
 Sample : P3135-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 05 17:03:52 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)

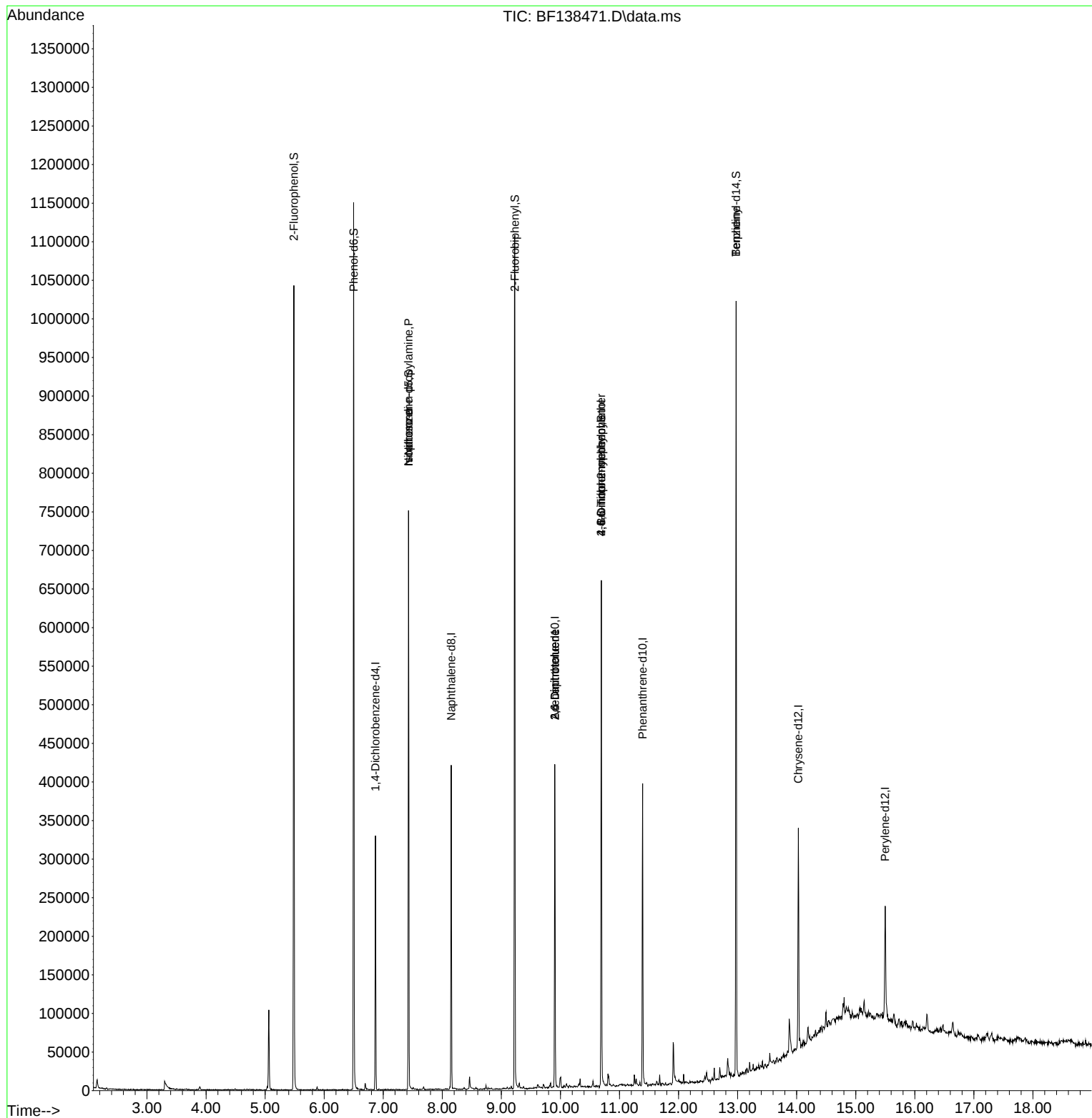
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	38144	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	144648	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	78441	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	127191	20.000	ng	0.00
76) Chrysene-d12	14.027	240	85763	20.000	ng	0.00
86) Perylene-d12	15.498	264	62413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	231089	100.444	ng	-0.01
7) Phenol-d6	6.498	99	300006	96.800	ng	-0.02
23) Nitrobenzene-d5	7.428	82	181794	65.288	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	61611	96.136	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	332410	67.441	ng	0.00
79) Terphenyl-d14	12.974	244	297034	47.463	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	24157	12.364	ng	# 76
25) Isophorone	7.428	82	181793	35.407	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	10389	9.201	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	10389	7.473	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.692	198	178	6.030	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	4094	2.995	ng	# 1
77) Benzidine	12.974	184	4268	6.223	ng	# 96

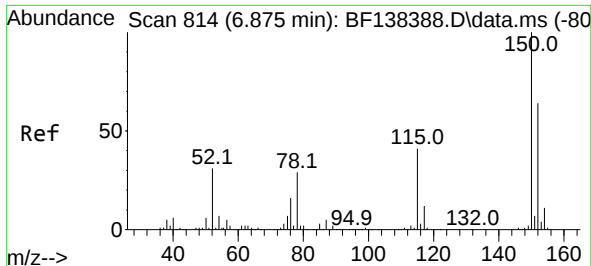
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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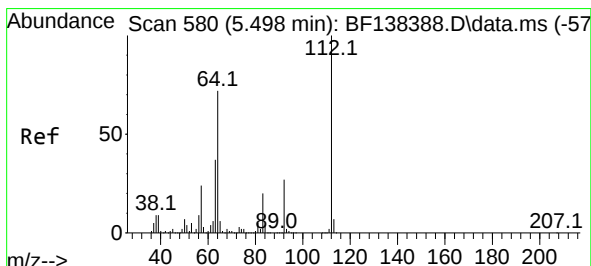
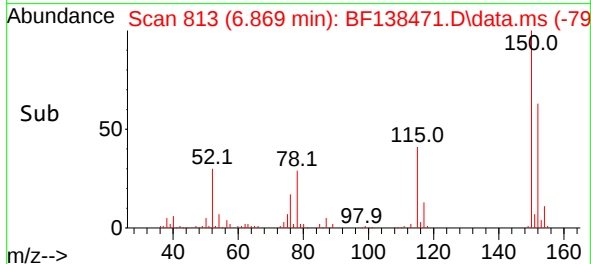
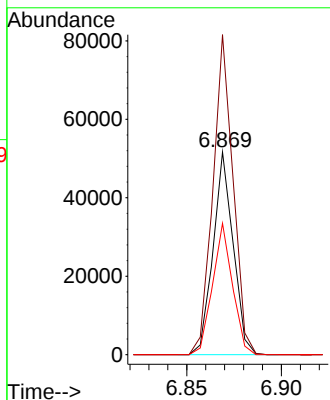
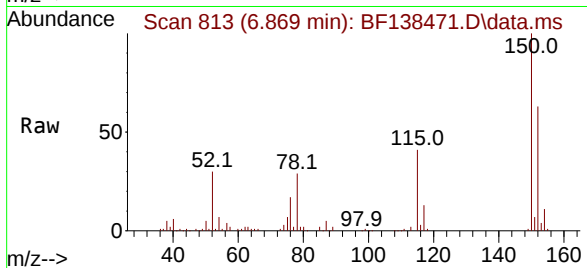




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

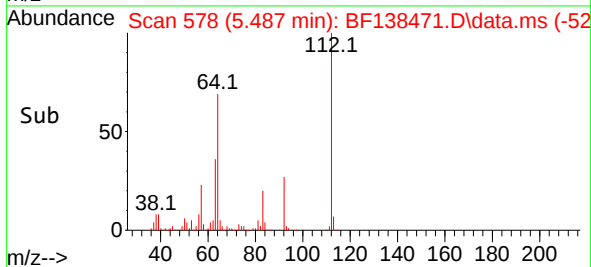
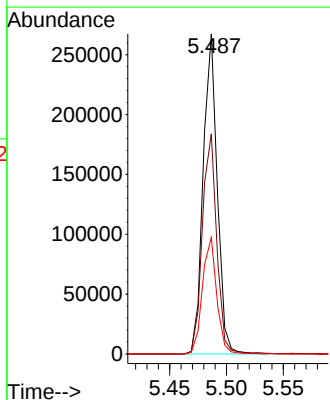
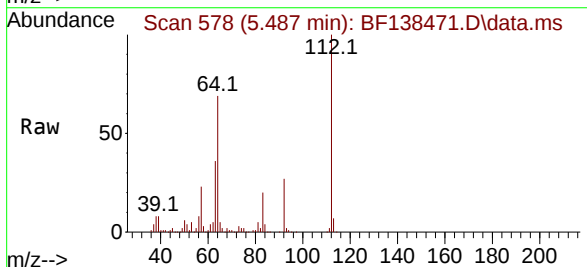
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01RE

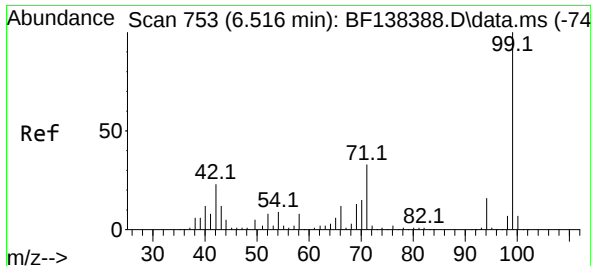
Tgt Ion:152 Resp: 38144
Ion Ratio Lower Upper
152 100
150 157.8 124.9 187.3
115 64.7 50.8 76.2



#5
2-Fluorophenol
Concen: 100.444 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.012 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

Tgt Ion:112 Resp: 231089
Ion Ratio Lower Upper
112 100
64 68.8 57.2 85.8
63 36.4 29.4 44.0

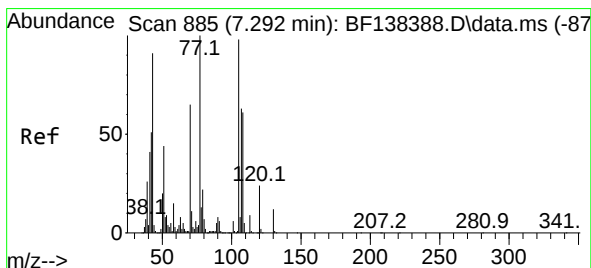
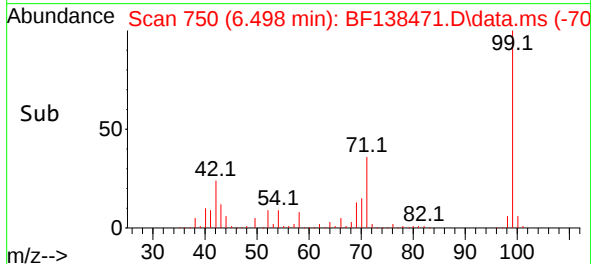
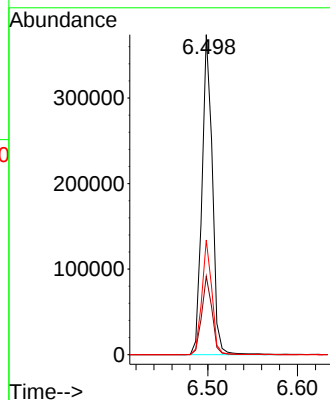
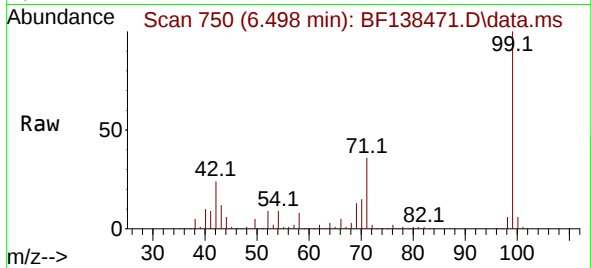




#7
Phenol-d6
Concen: 96.800 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

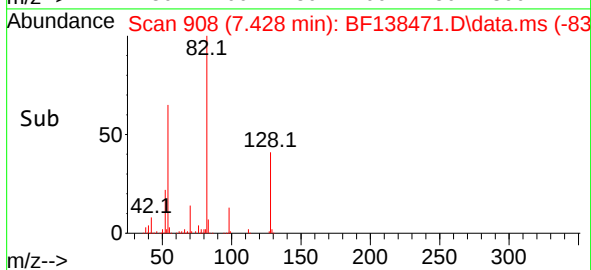
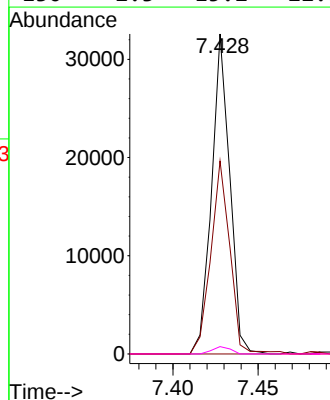
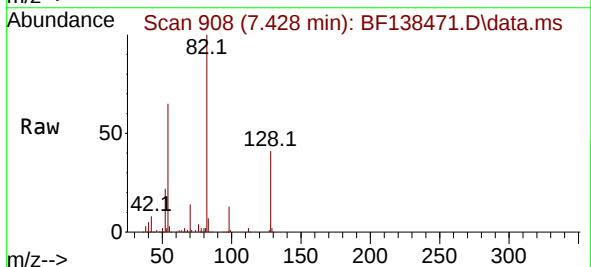
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01RE

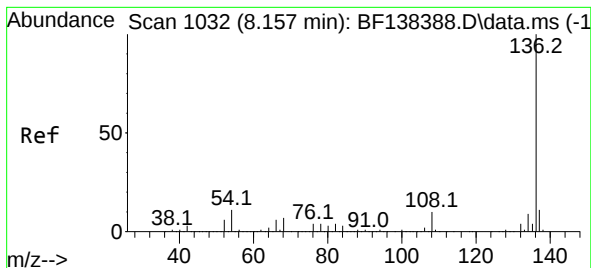
Tgt Ion: 99 Resp: 300006
Ion Ratio Lower Upper
99 100
42 24.5 18.5 27.7
71 35.9 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.364 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

Tgt Ion: 70 Resp: 24157
Ion Ratio Lower Upper
70 100
42 60.3 62.5 93.7#
101 0.0 7.0 10.4#
130 2.3 15.2 22.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138471.D

Acq: 05 Jul 2024 16:33

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-01RE

Tgt Ion:136 Resp: 144648

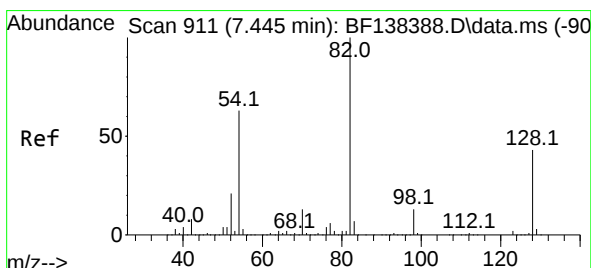
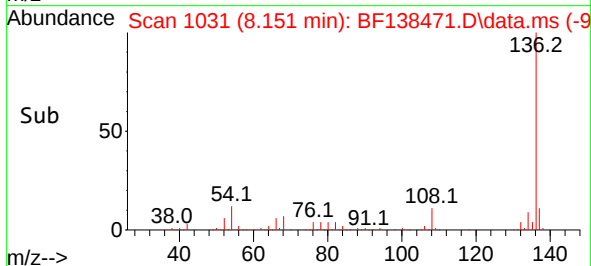
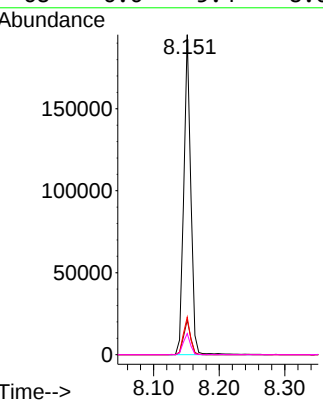
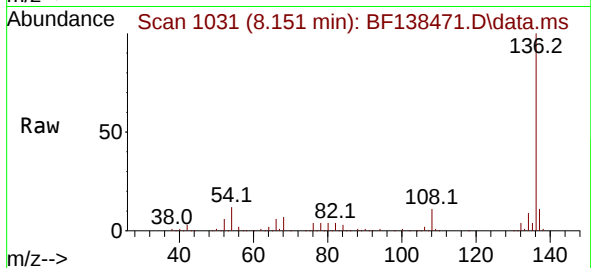
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 11.8 9.0 13.4

68 6.6 5.4 8.0



#23

Nitrobenzene-d5

Concen: 65.288 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.018 min

Lab File: BF138471.D

Acq: 05 Jul 2024 16:33

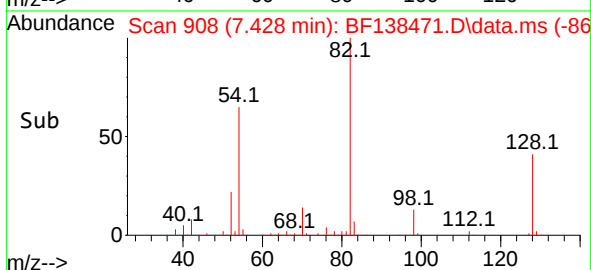
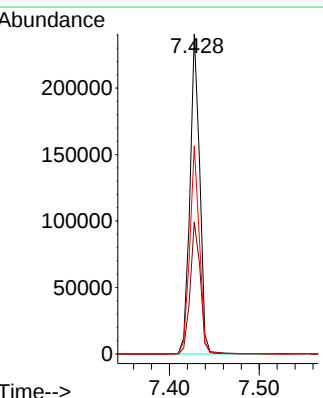
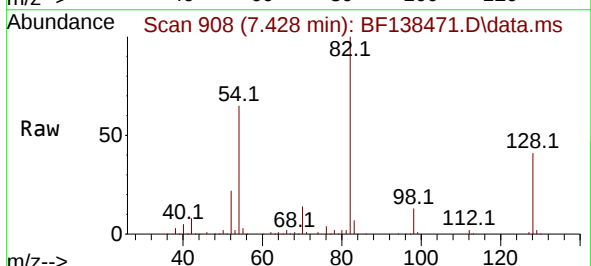
Tgt Ion: 82 Resp: 181794

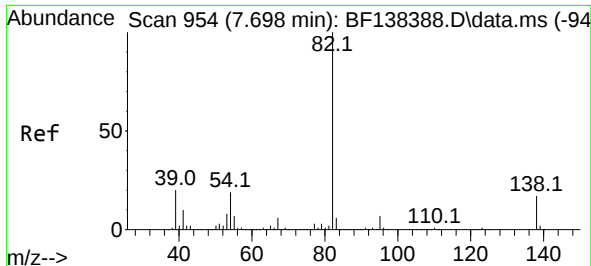
Ion Ratio Lower Upper

82 100

128 41.2 34.6 52.0

54 65.1 50.5 75.7

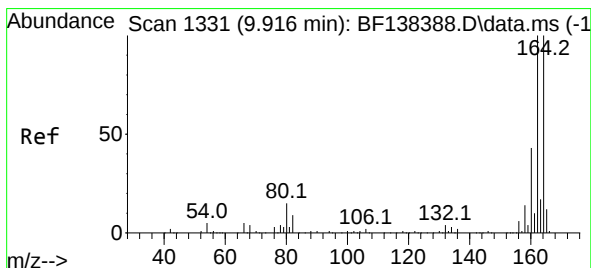
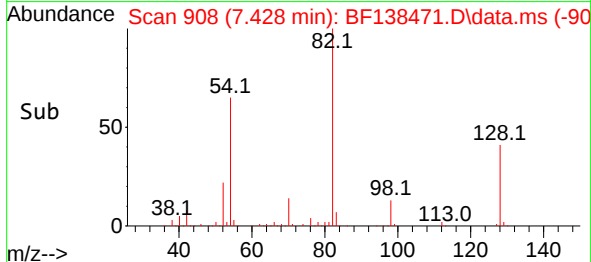
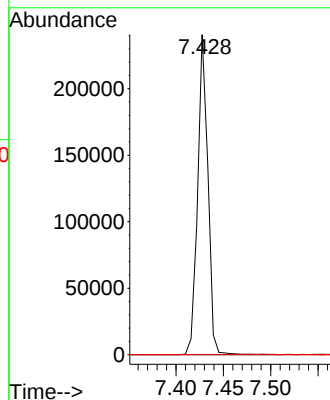
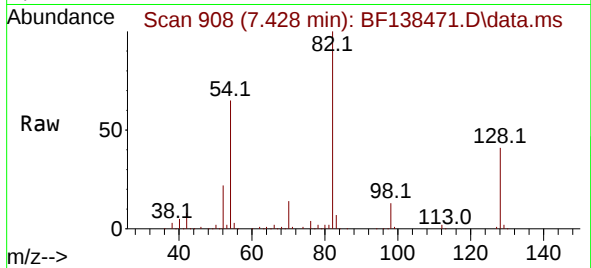




#25
Isophorone
Concen: 35.407 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

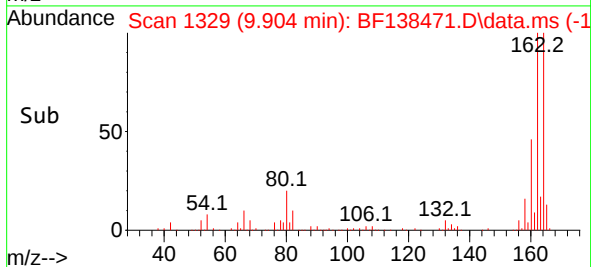
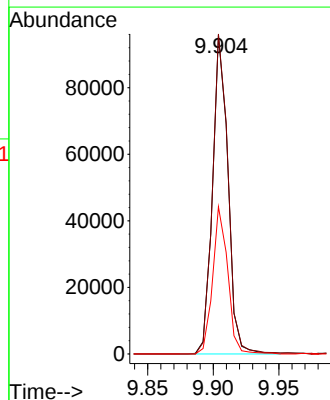
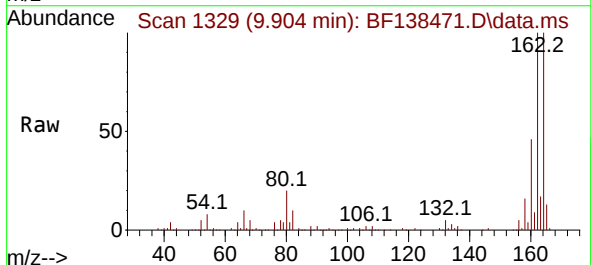
Instrument :
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ClientSampleId :
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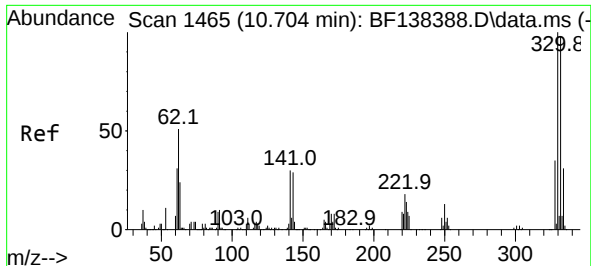
Tgt Ion: 82 Resp: 181793
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

Tgt Ion: 164 Resp: 78441
Ion Ratio Lower Upper
164 100
162 100.4 80.1 120.1
160 46.2 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 96.136 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BF138471.D

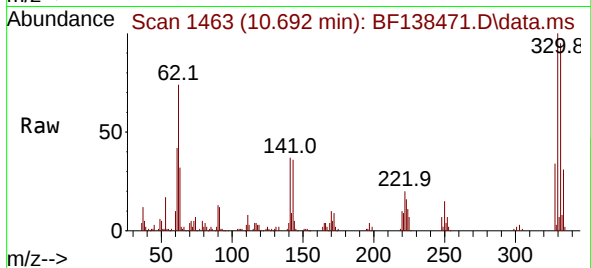
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Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-01RE



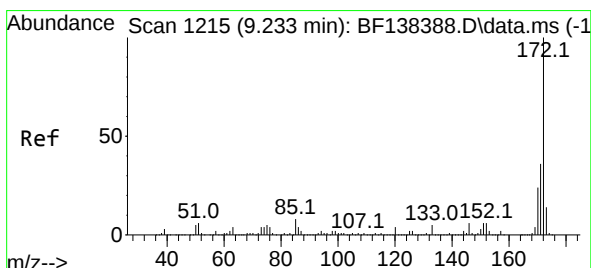
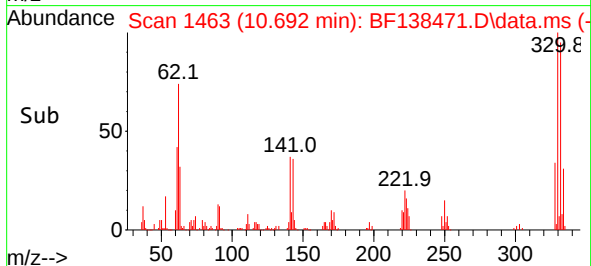
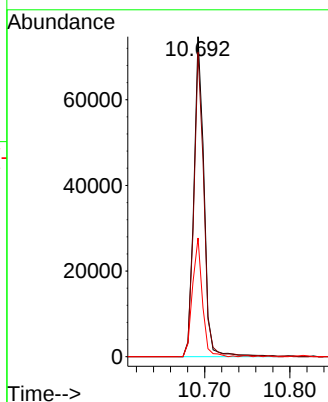
Tgt Ion:330 Resp: 61611

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

141 36.2 28.1 42.1



#45

2-Fluorobiphenyl

Concen: 67.441 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.005 min

Lab File: BF138471.D

Acq: 05 Jul 2024 16:33

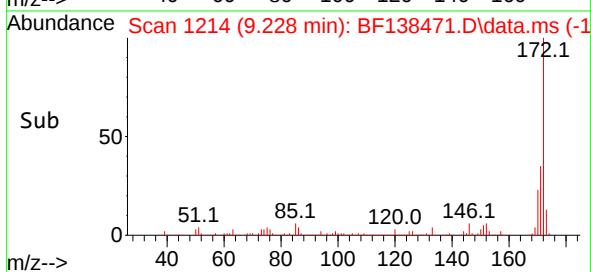
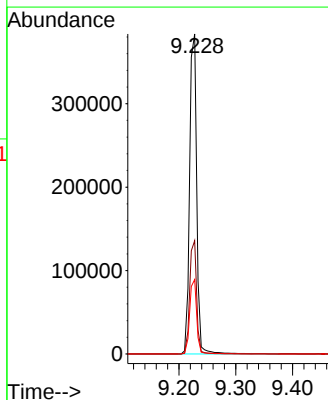
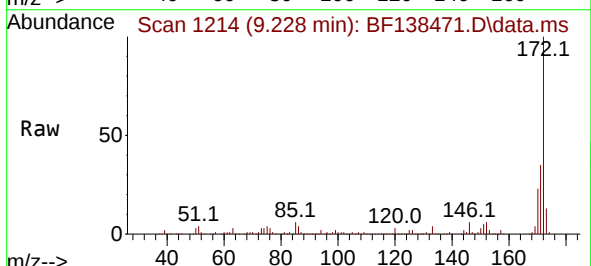
Tgt Ion:172 Resp: 332410

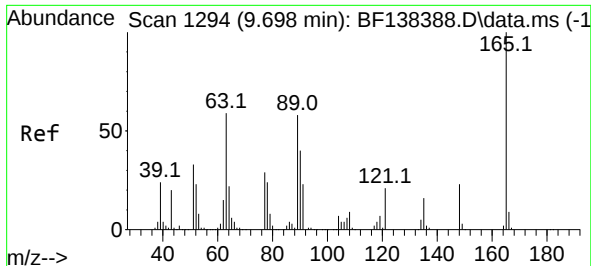
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

170 23.2 19.0 28.6

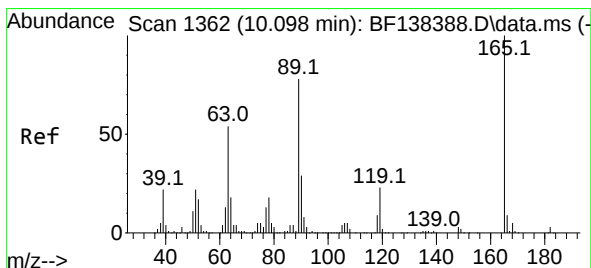
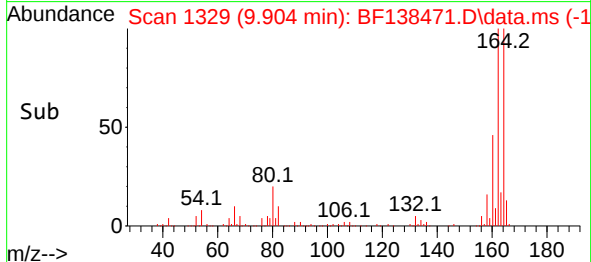
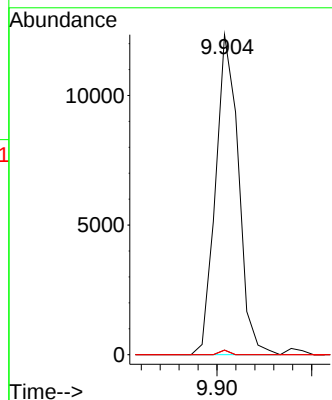
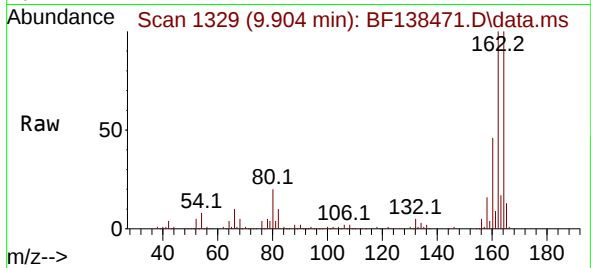




#51
2,6-Dinitrotoluene
Concen: 9.201 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

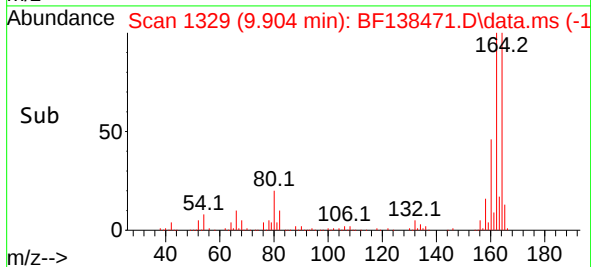
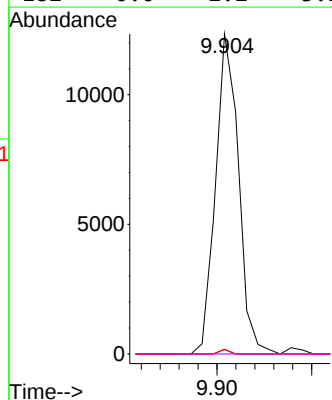
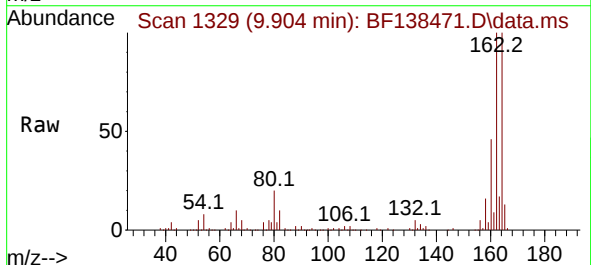
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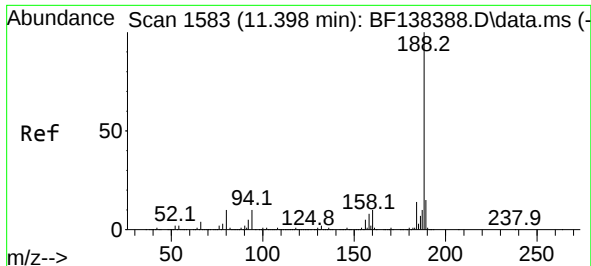
Tgt Ion:165 Resp: 10389
Ion Ratio Lower Upper
165 100
63 1.5 53.8 80.8#
89 1.4 46.4 69.6#



#57
2,4-Dinitrotoluene
Concen: 7.473 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

Tgt Ion:165 Resp: 10389
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.2#
89 1.4 62.6 93.8#
182 0.0 2.2 3.2#

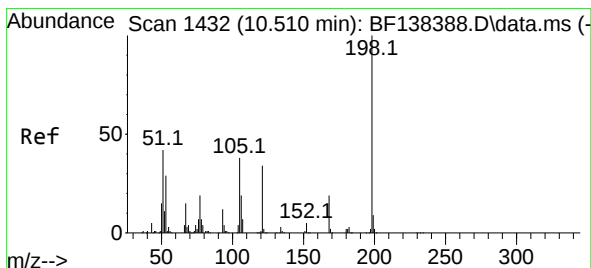
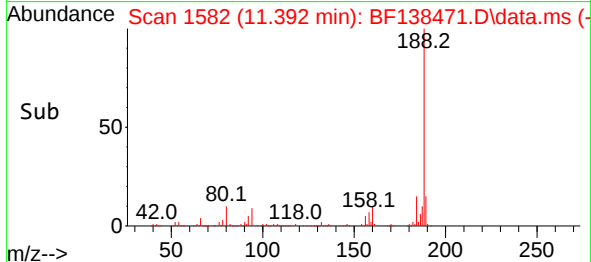
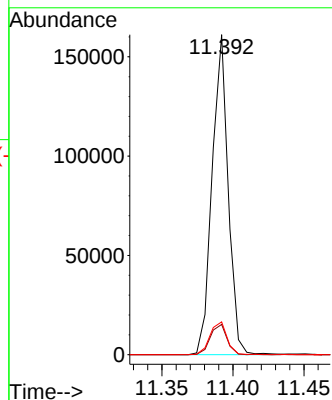
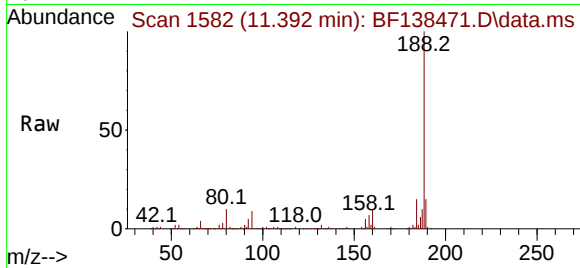




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

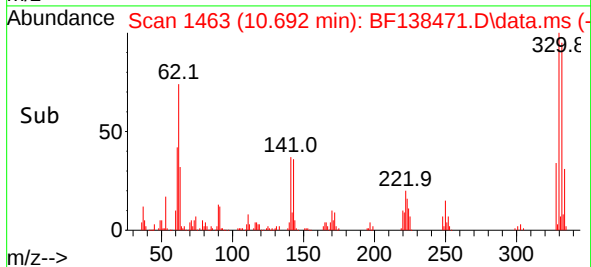
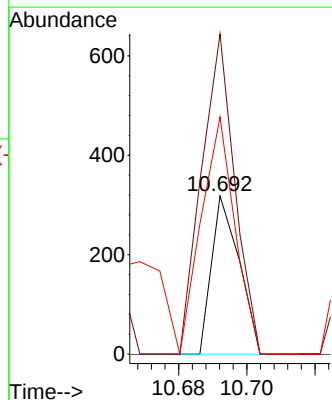
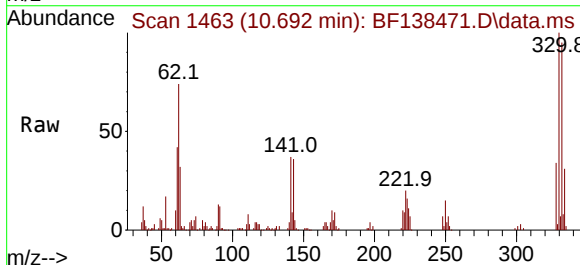
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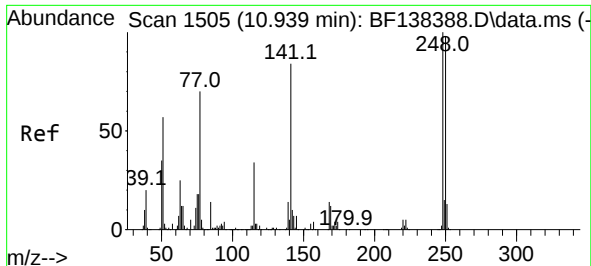
Tgt Ion:188 Resp: 127191
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.3 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 6.030 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.182 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

Tgt Ion:198 Resp: 178
Ion Ratio Lower Upper
198 100
51 202.5 27.9 67.9#
105 150.0 18.2 58.2#

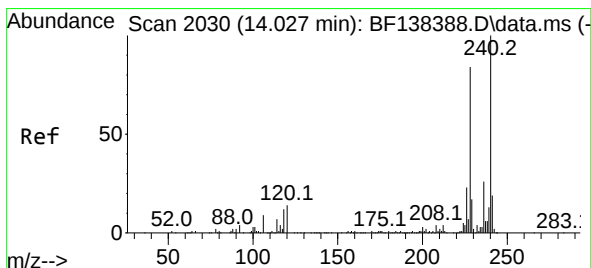
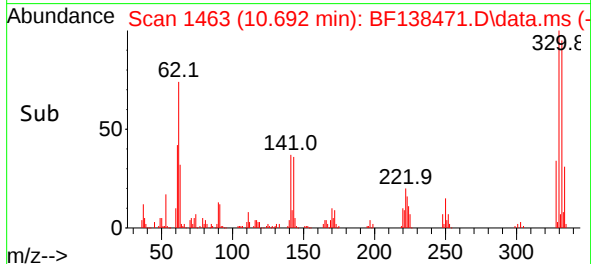
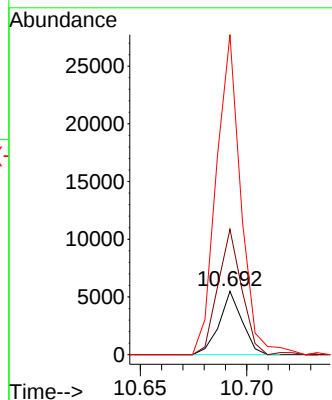
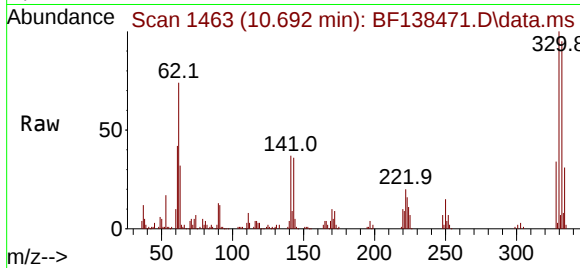




#67
4-Bromophenyl-phenylether
Concen: 2.995 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

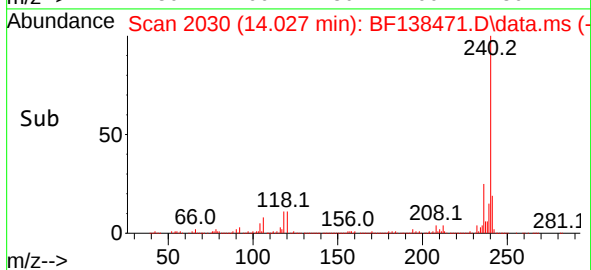
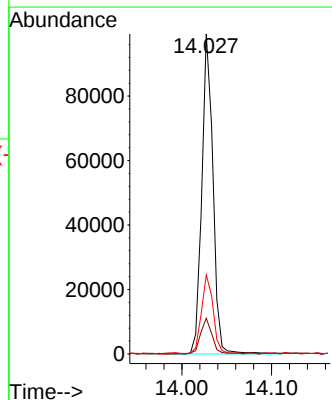
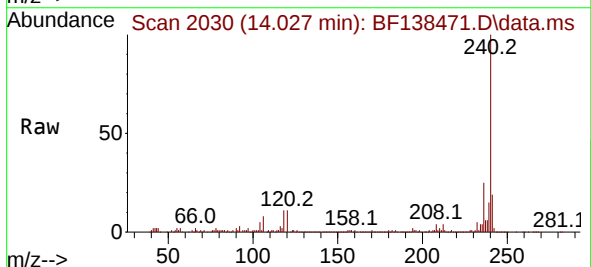
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01RE

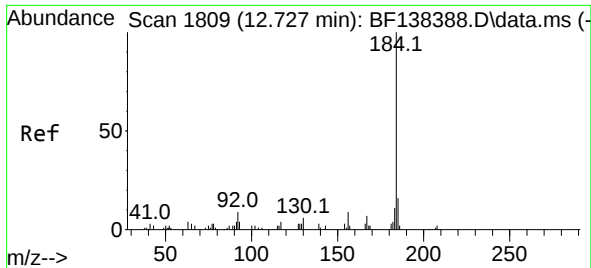
Tgt Ion:248 Resp: 4094
Ion Ratio Lower Upper
248 100
250 198.0 78.2 117.4#
141 505.0 67.6 101.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

Tgt Ion:240 Resp: 85763
Ion Ratio Lower Upper
240 100
120 11.1 10.9 16.3
236 24.7 20.6 30.8

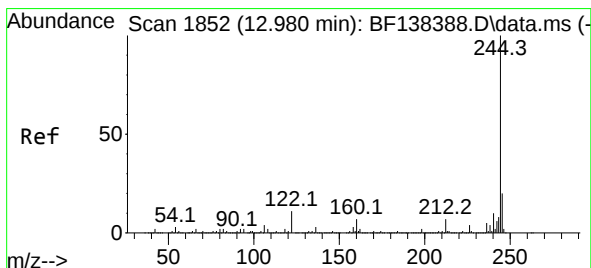
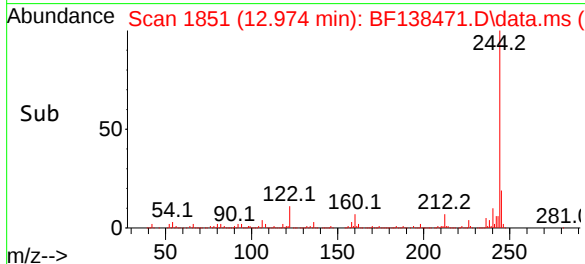
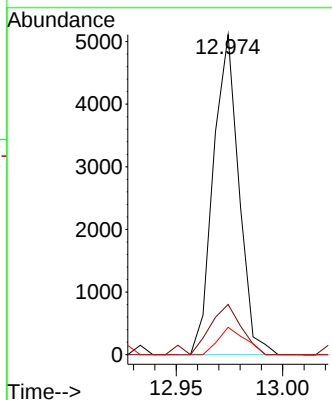
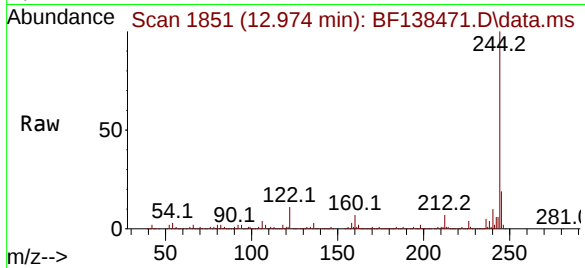




#77
Benzidine
Concen: 6.223 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

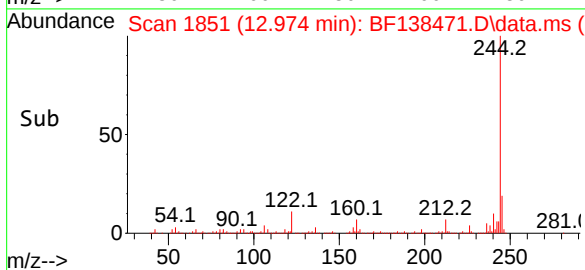
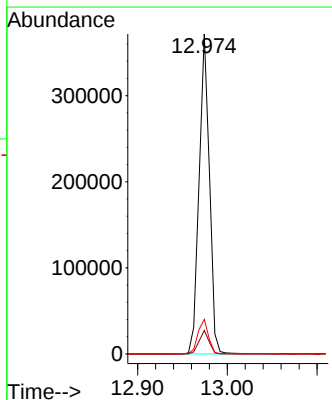
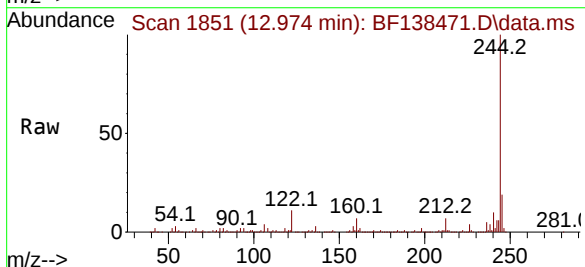
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01RE

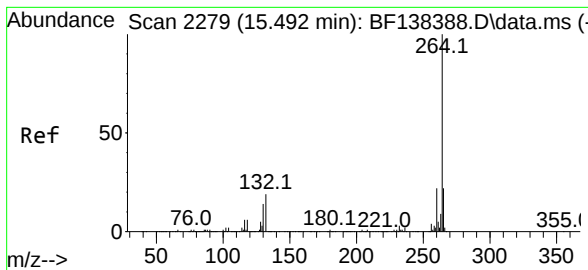
Tgt Ion:184 Resp: 4268
Ion Ratio Lower Upper
184 100
185 15.7 13.0 19.4
183 8.6 9.0 13.6#



#79
Terphenyl-d14
Concen: 47.463 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF138471.D
Acq: 05 Jul 2024 16:33

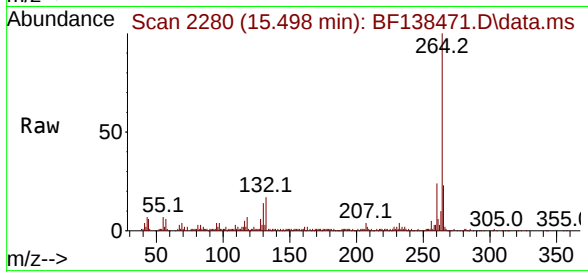
Tgt Ion:244 Resp: 297034
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 10.8 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138471.D
 Acq: 05 Jul 2024 16:33

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



Tgt Ion: 264 Resp: 62413

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.8	26.6
265	22.5	17.5	26.3

