

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138453.D
 Acq On : 03 Jul 2024 18:38
 Operator : CG\JU
 Sample : P3135-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jul 03 19:05:12 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)

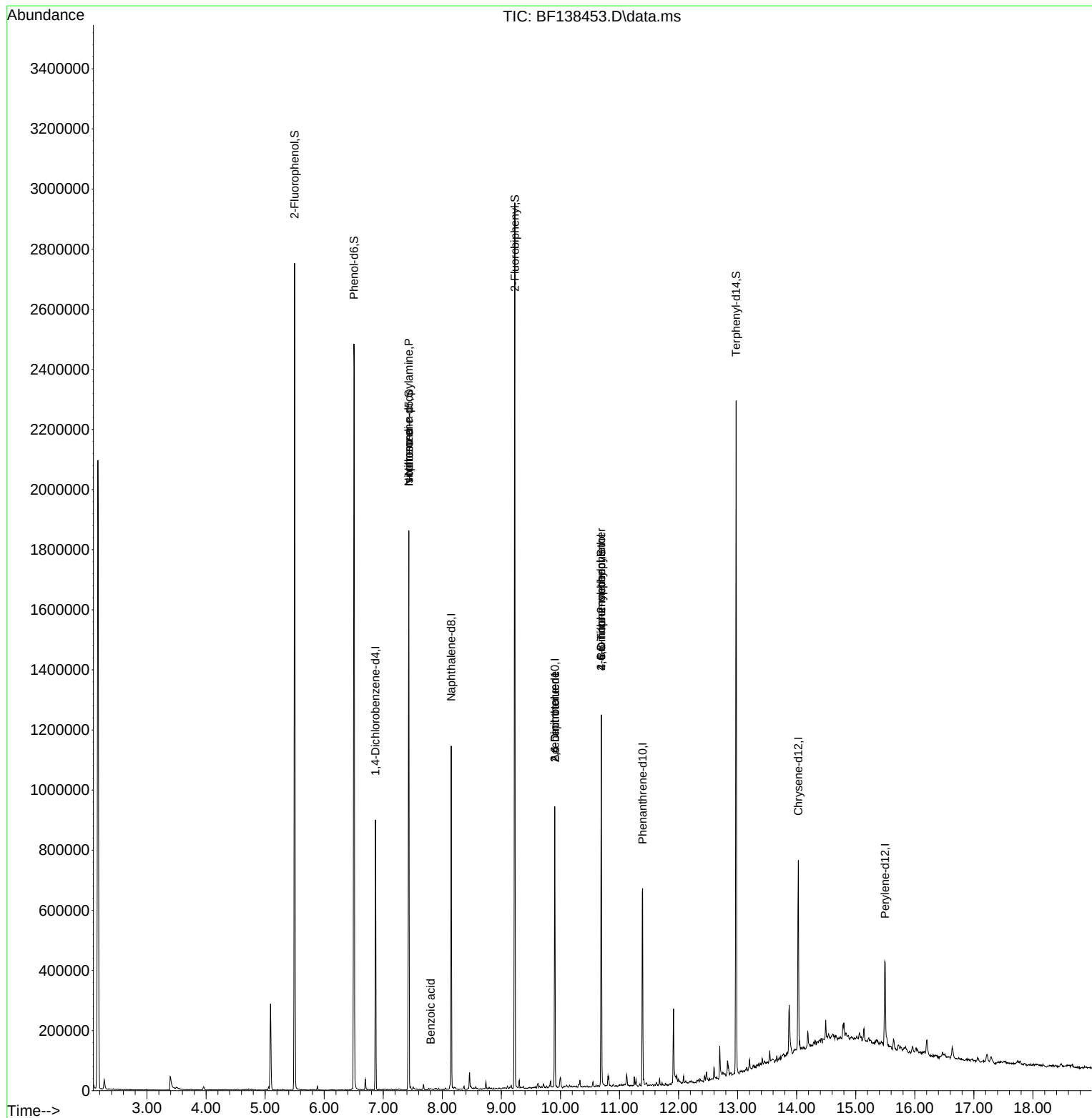
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	110931	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	403185	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	168784	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	240144	20.000	ng	0.00
76) Chrysene-d12	14.027	240	191128	20.000	ng	0.00
86) Perylene-d12	15.498	264	135405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	642390	96.010	ng	0.00
7) Phenol-d6	6.504	99	813566	90.264	ng	-0.01
23) Nitrobenzene-d5	7.434	82	515911	66.472	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	118191	85.709	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	787318	74.236	ng	0.00
79) Terphenyl-d14	12.974	244	707287	50.714	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	70662	12.436	ng	# 77
25) Isophorone	7.434	82	515905	36.049	ng	# 67
32) Benzoic acid	7.804	122	183	4.141	ng	# 29
51) 2,6-Dinitrotoluene	9.904	165	20963	8.629	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	20963	7.008	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.692	198	300	6.005	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	7994	3.097	ng	# 1

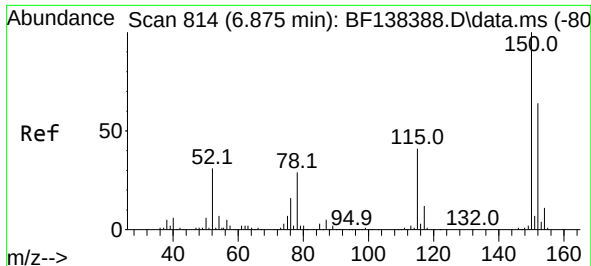
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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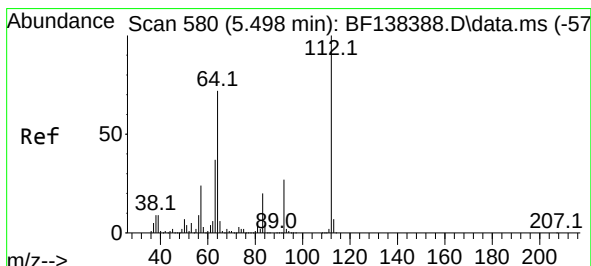
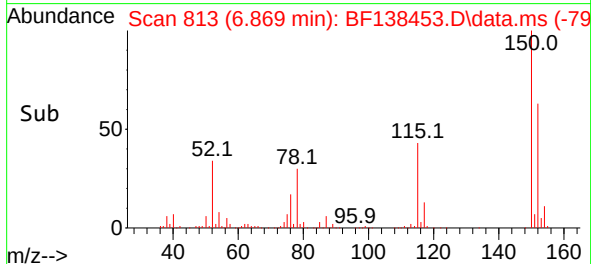
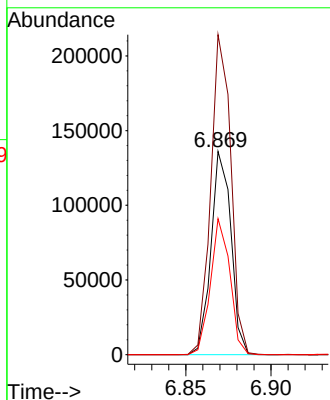
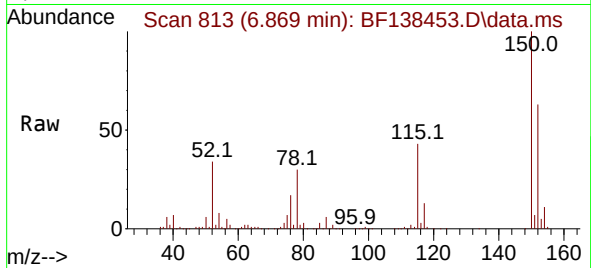




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

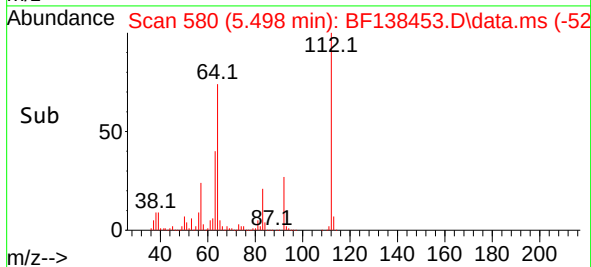
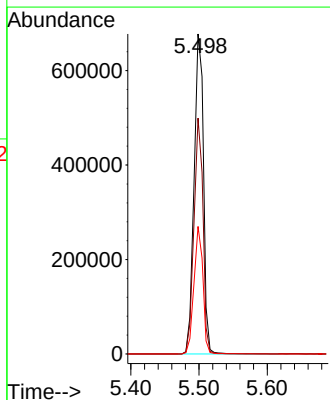
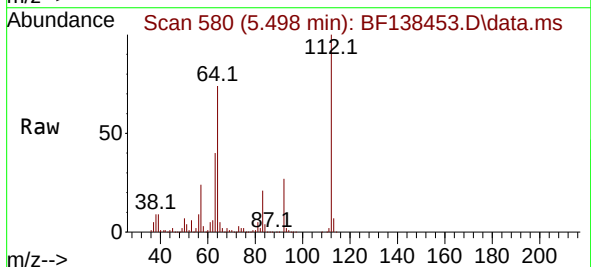
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01

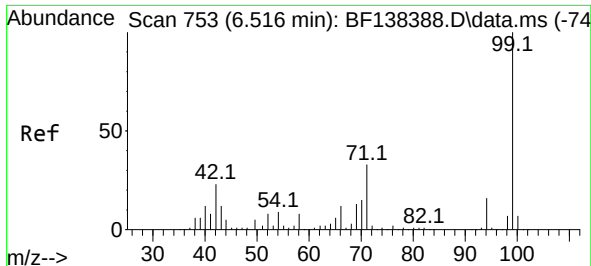
Tgt Ion:152 Resp: 110931
Ion Ratio Lower Upper
152 100
150 157.5 124.9 187.3
115 67.0 50.8 76.2



#5
2-Fluorophenol
Concen: 96.010 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

Tgt Ion:112 Resp: 642390
Ion Ratio Lower Upper
112 100
64 73.7 57.2 85.8
63 39.9 29.4 44.0

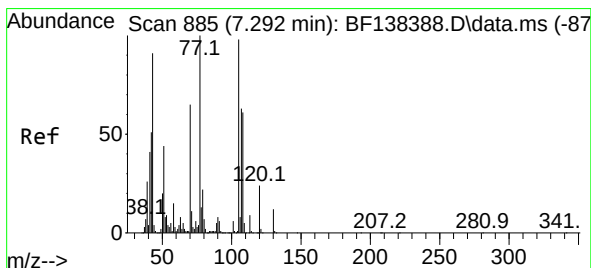
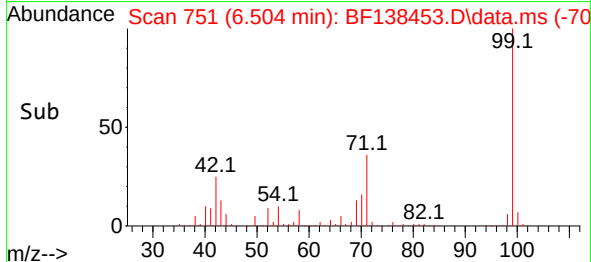
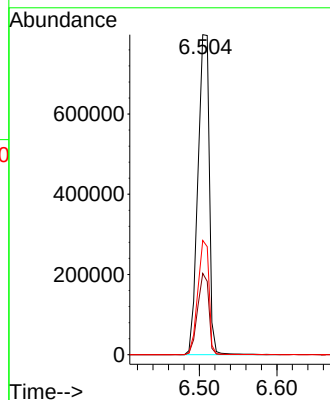
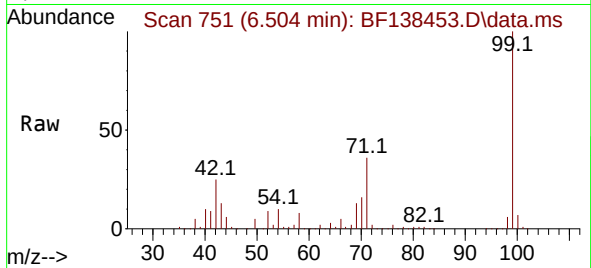




#7
Phenol-d6
Concen: 90.264 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

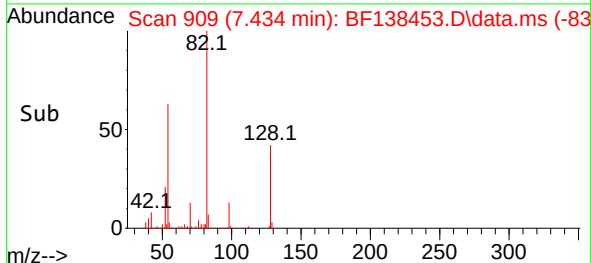
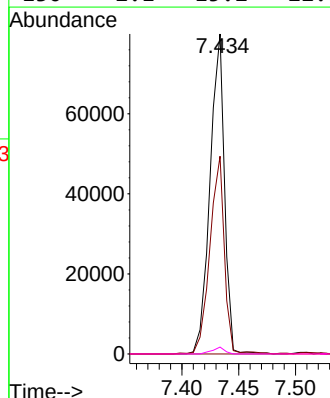
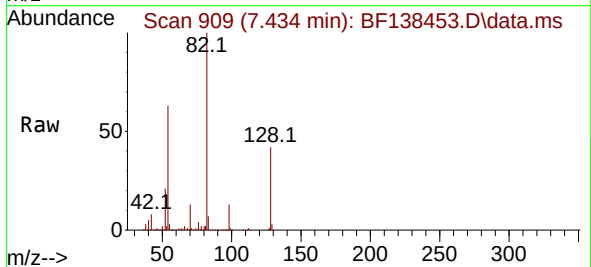
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01

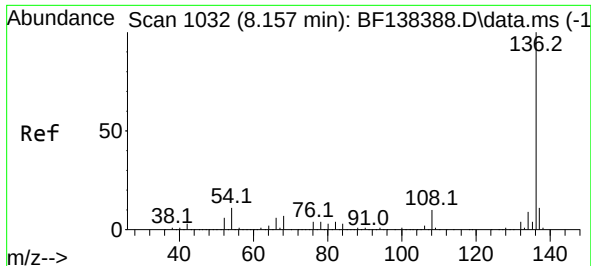
Tgt Ion: 99 Resp: 813566
Ion Ratio Lower Upper
99 100
42 25.4 18.5 27.7
71 35.7 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.436 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

Tgt Ion: 70 Resp: 70662
Ion Ratio Lower Upper
70 100
42 61.8 62.5 93.7#
101 0.0 7.0 10.4#
130 2.1 15.2 22.8#

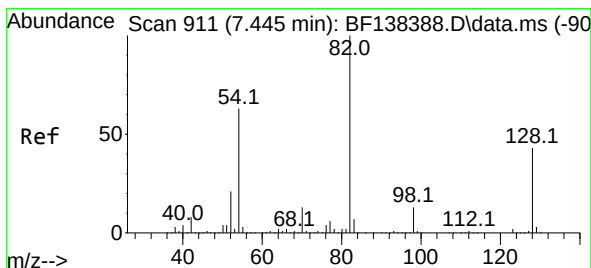
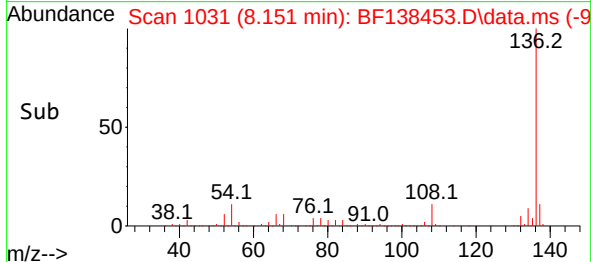
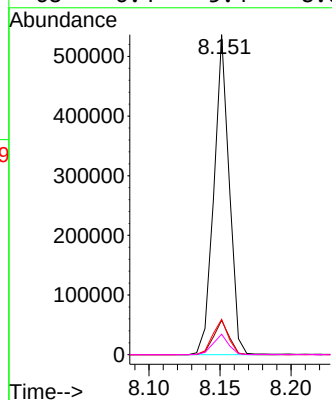
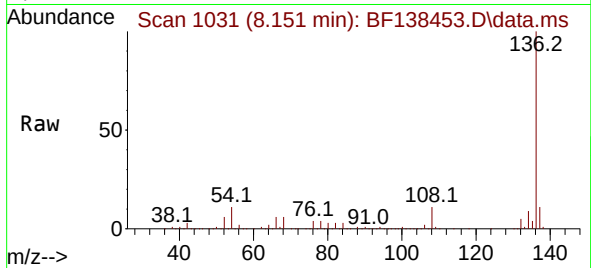




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

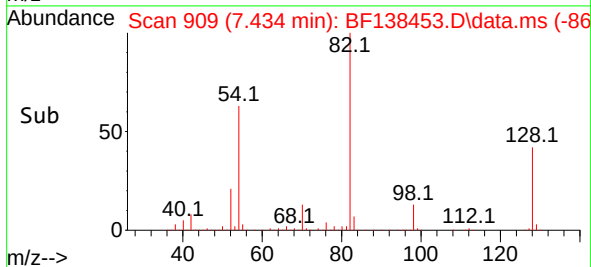
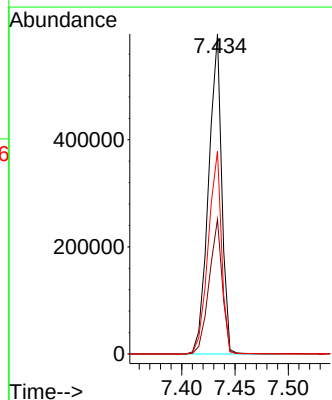
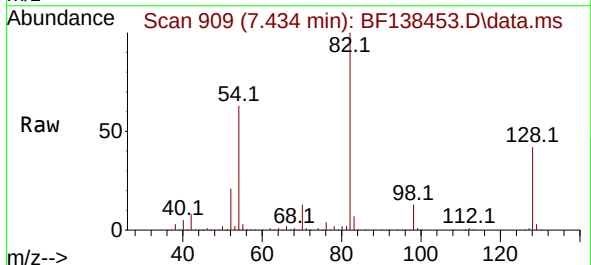
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01

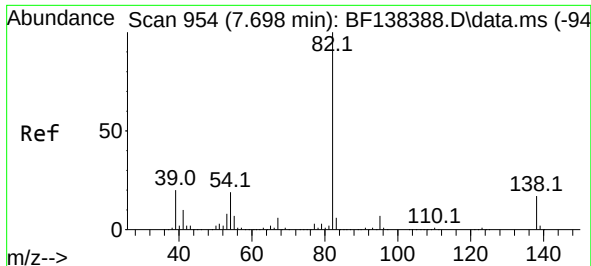
Tgt Ion:136	Resp: 403185
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 11.0	9.0 13.4
68 6.4	5.4 8.0



#23
Nitrobenzene-d5
Concen: 66.472 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

Tgt Ion: 82	Resp: 515911
Ion Ratio	Lower Upper
82 100	
128 42.1	34.6 52.0
54 63.4	50.5 75.7

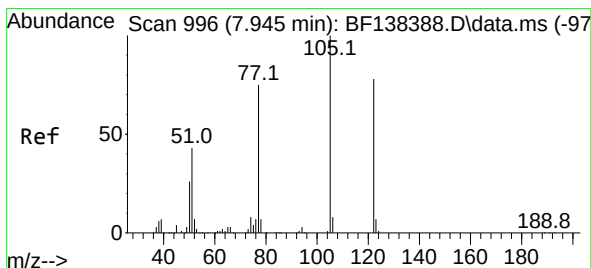
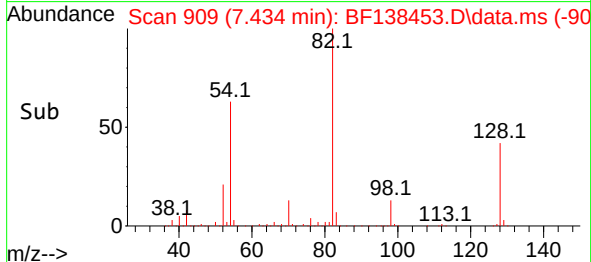
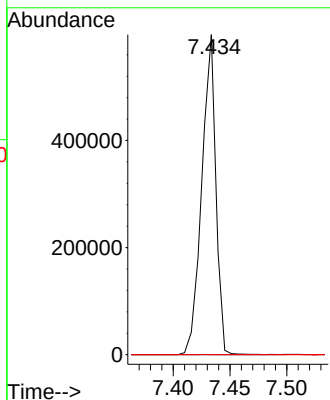
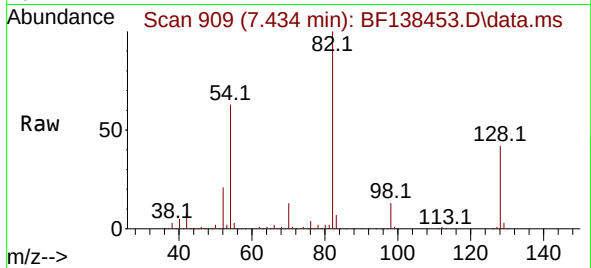




#25
Isophorone
Concen: 36.049 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

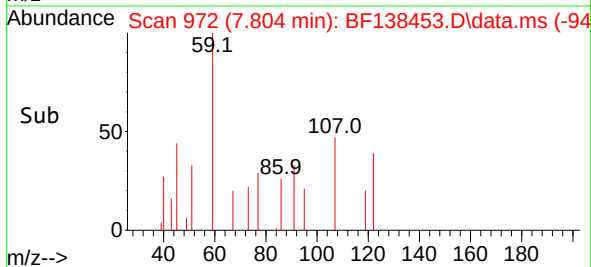
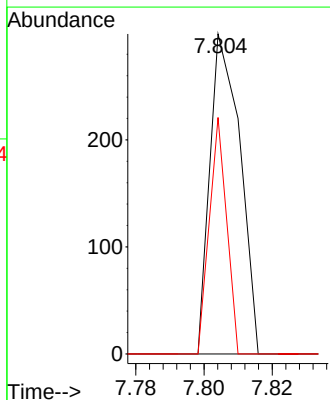
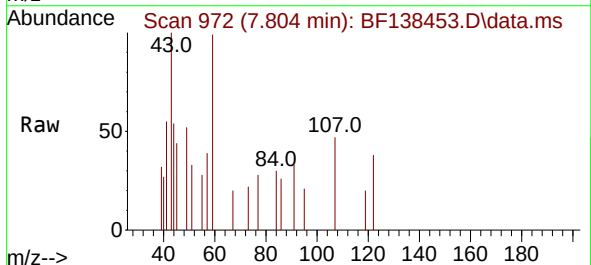
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01

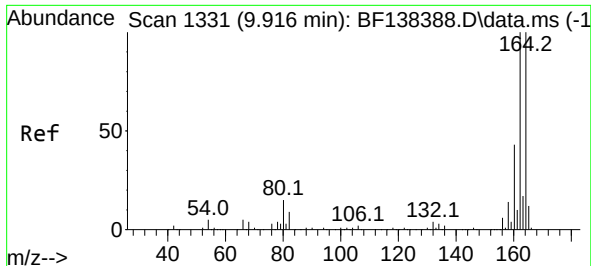
Tgt Ion: 82 Resp: 515905
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.141 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.141 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

Tgt Ion: 122 Resp: 183
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 73.9 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: BF138453.D

Acq: 03 Jul 2024 18:38

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-01

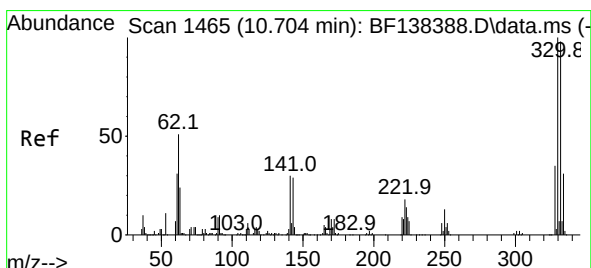
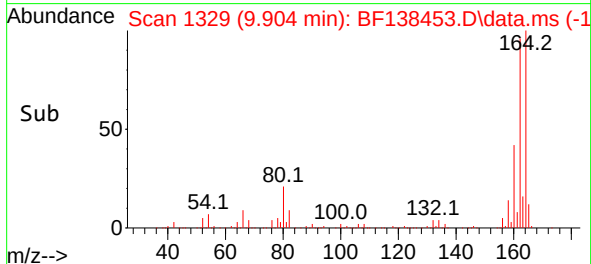
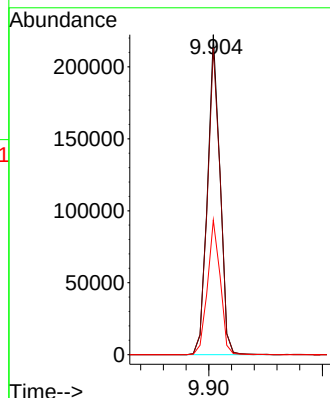
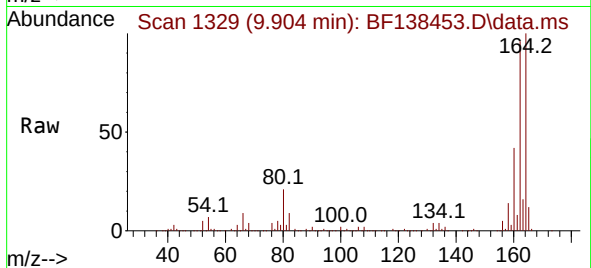
Tgt Ion:164 Resp: 168784

Ion Ratio Lower Upper

164 100

162 95.9 80.1 120.1

160 42.1 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 85.709 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BF138453.D

Acq: 03 Jul 2024 18:38

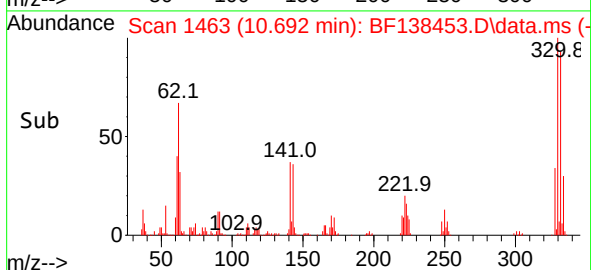
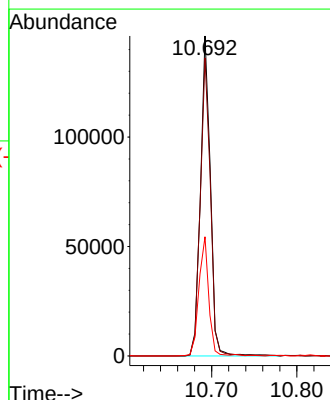
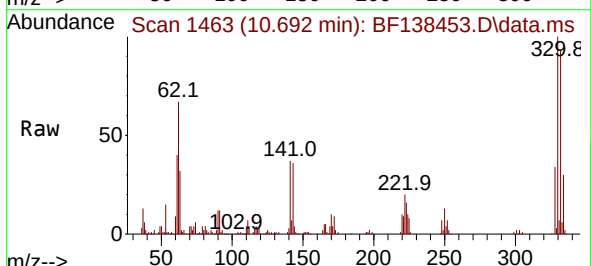
Tgt Ion:330 Resp: 118191

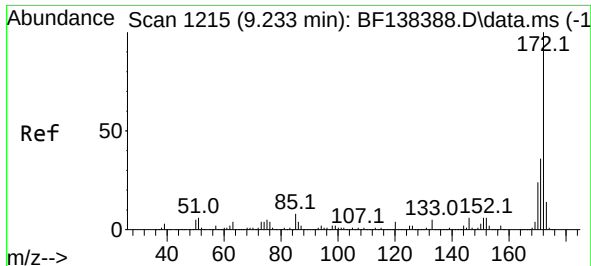
Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

141 37.6 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 74.236 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF138453.D

Acq: 03 Jul 2024 18:38

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-01

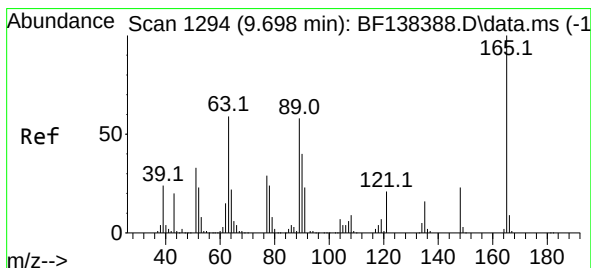
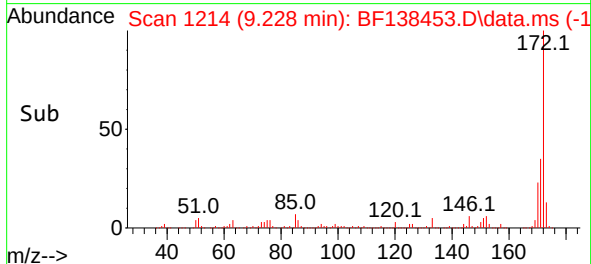
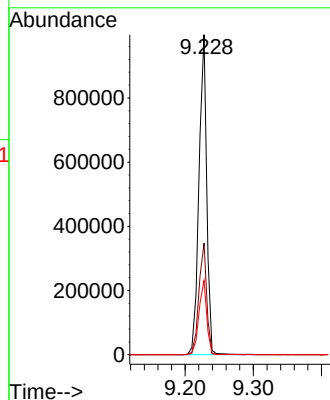
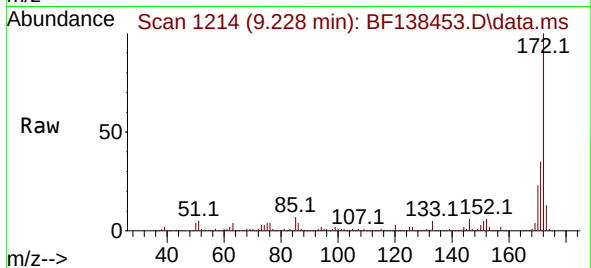
Tgt Ion:172 Resp: 787318

Ion Ratio Lower Upper

172 100

171 34.9 29.0 43.4

170 23.2 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.629 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF138453.D

Acq: 03 Jul 2024 18:38

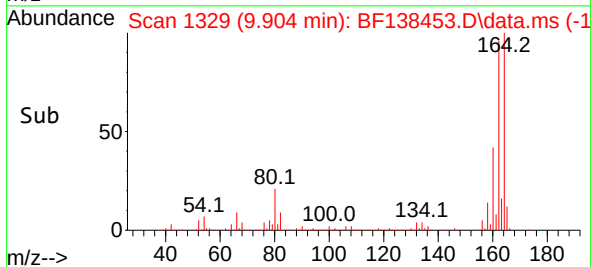
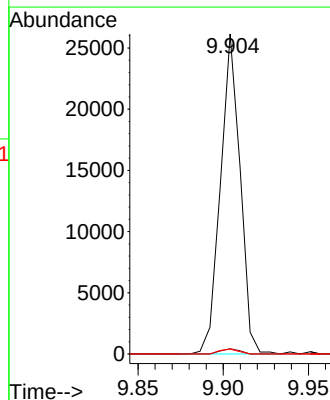
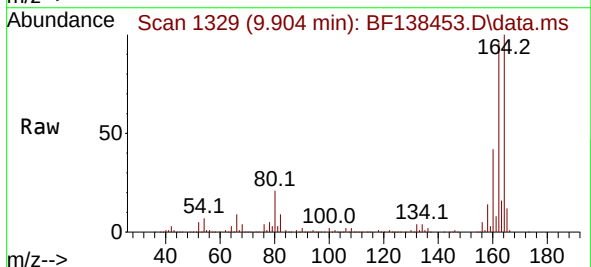
Tgt Ion:165 Resp: 20963

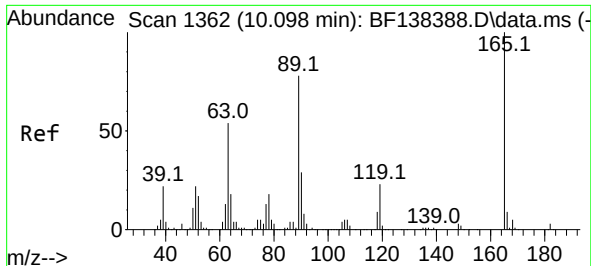
Ion Ratio Lower Upper

165 100

63 1.7 53.8 80.8#

89 1.5 46.4 69.6#

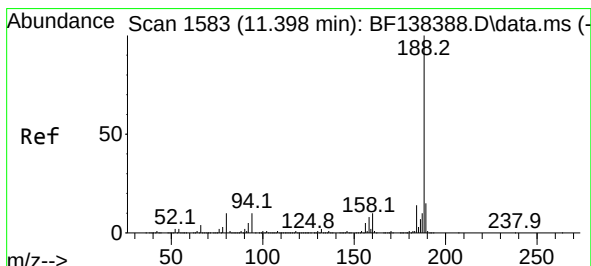
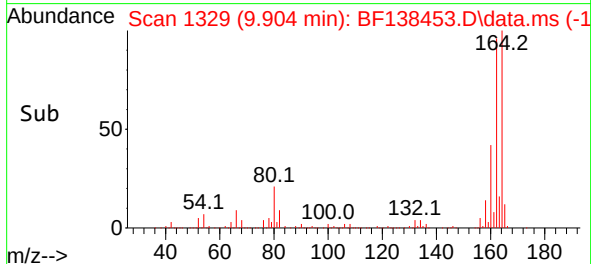
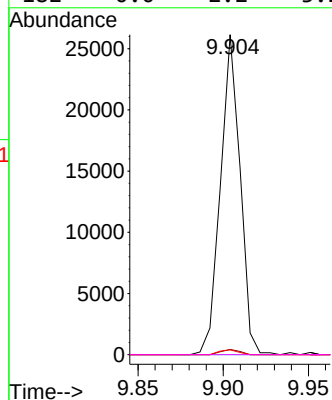
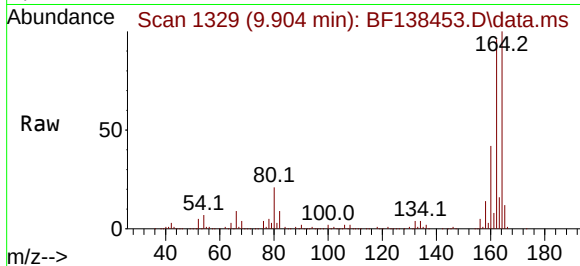




#57
2,4-Dinitrotoluene
Concen: 7.008 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

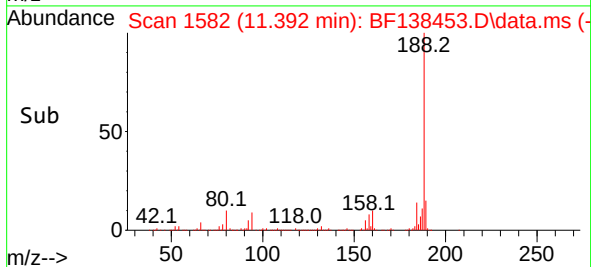
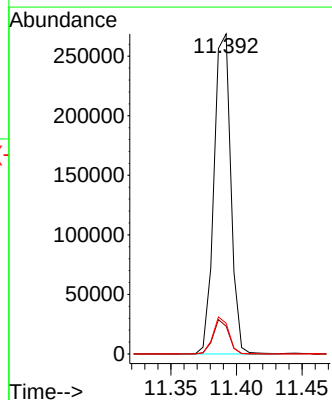
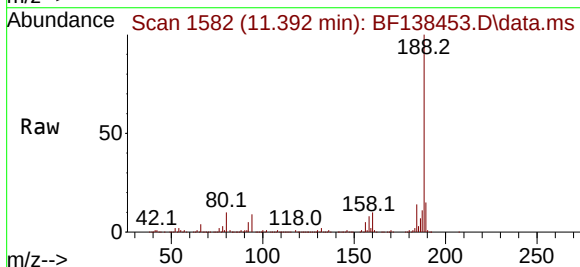
Instrument :
BNA_F
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OK-628-COMP-01

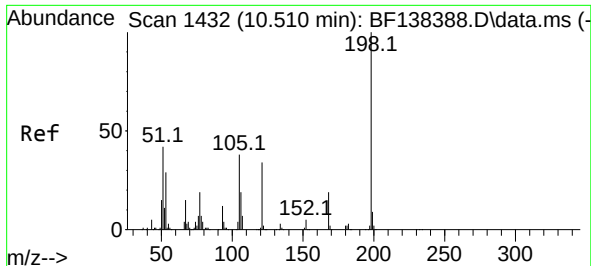
Tgt Ion:	165	Resp:	20963
Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	1.5	62.6	93.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

Tgt Ion:	188	Resp:	240144
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	9.6	8.2	12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 6.005 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.182 min

Lab File: BF138453.D

Acq: 03 Jul 2024 18:38

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-01

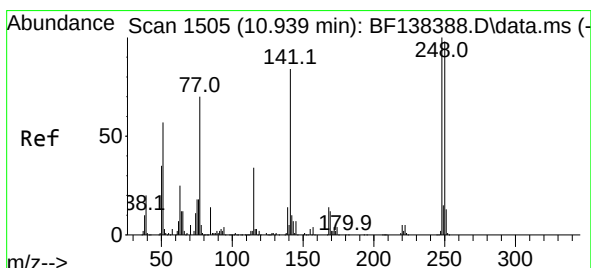
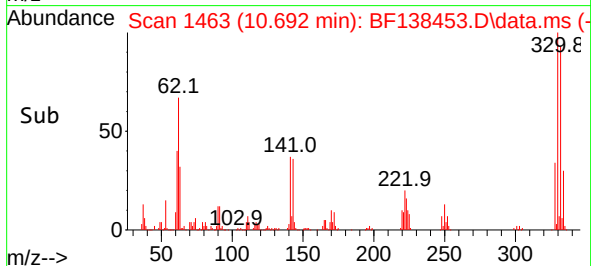
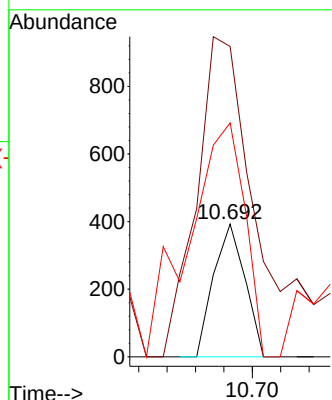
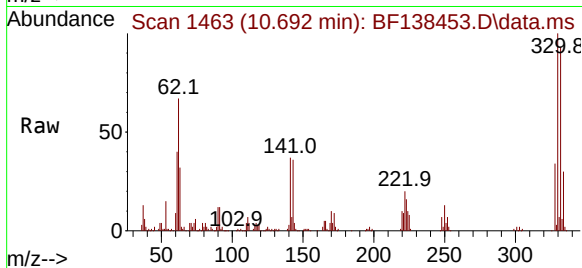
Tgt Ion:198 Resp: 300

Ion Ratio Lower Upper

198 100

51 233.6 27.9 67.9#

105 176.1 18.2 58.2#



#67

4-Bromophenyl-phenylether

Concen: 3.097 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF138453.D

Acq: 03 Jul 2024 18:38

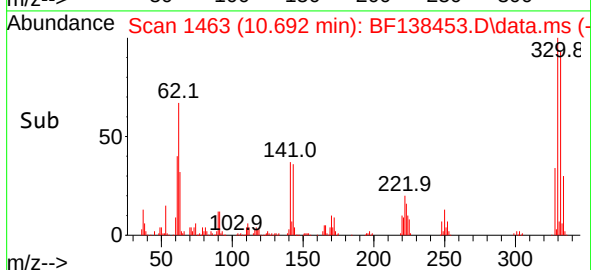
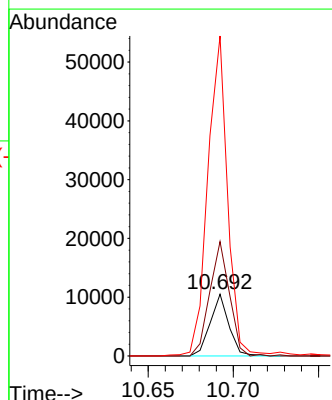
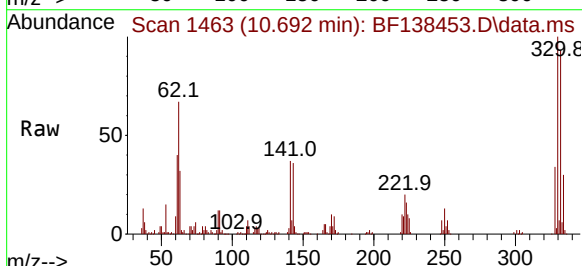
Tgt Ion:248 Resp: 7994

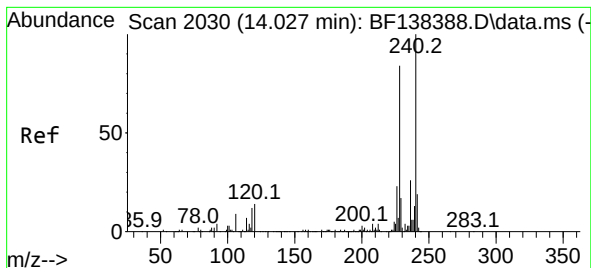
Ion Ratio Lower Upper

248 100

250 185.0 78.2 117.4#

141 517.6 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: BF138453.D

Acq: 03 Jul 2024 18:38

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-01

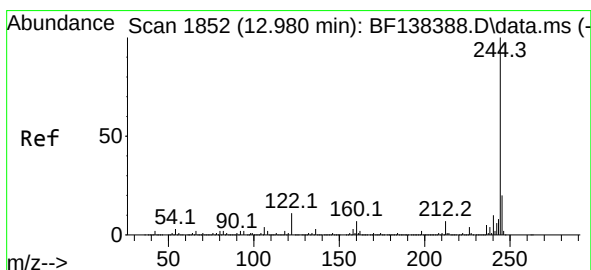
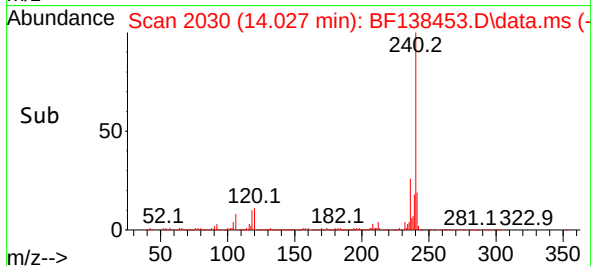
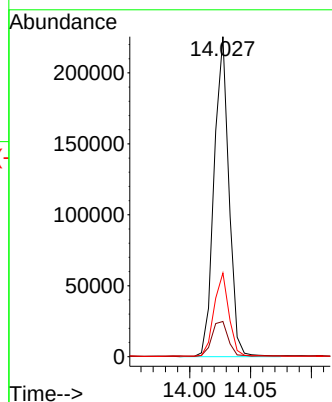
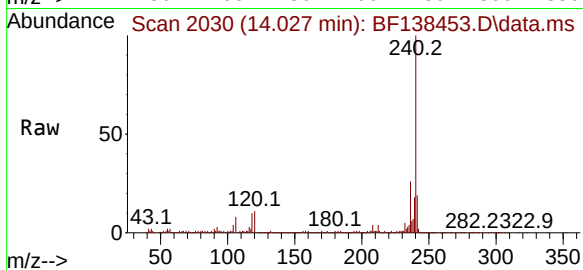
Tgt Ion:240 Resp: 191128

Ion Ratio Lower Upper

240 100

120 11.0 10.9 16.3

236 26.1 20.6 30.8



#79

Terphenyl-d14

Concen: 50.714 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF138453.D

Acq: 03 Jul 2024 18:38

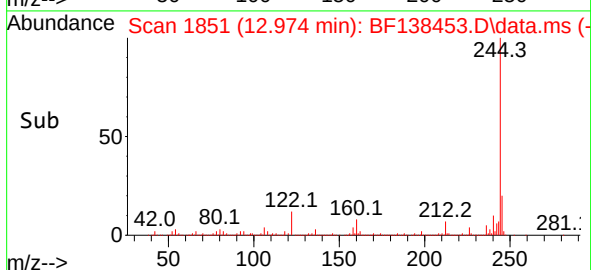
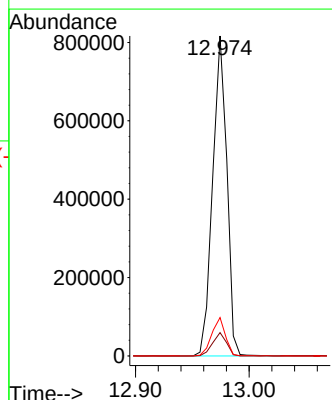
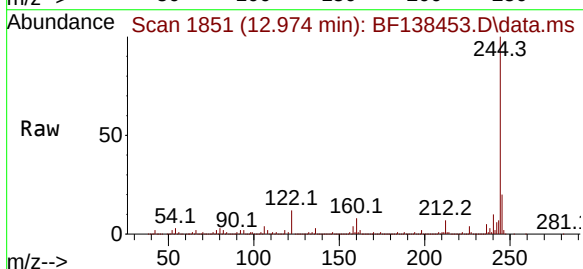
Tgt Ion:244 Resp: 707287

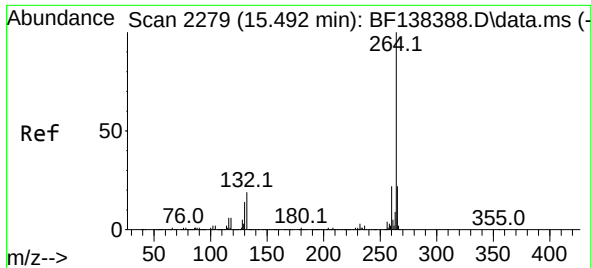
Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 12.0 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: BF138453.D
 Acq: 03 Jul 2024 18:38

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

Tgt Ion:264 Resp: 135405
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.8 26.6
 265 21.1 17.5 26.3

