

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138472.D
 Acq On : 05 Jul 2024 17:04
 Operator : CG\JU
 Sample : P3135-07RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-628-COMP-02RE

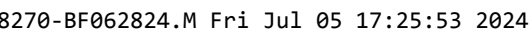
Quant Time: Jul 05 17:24:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

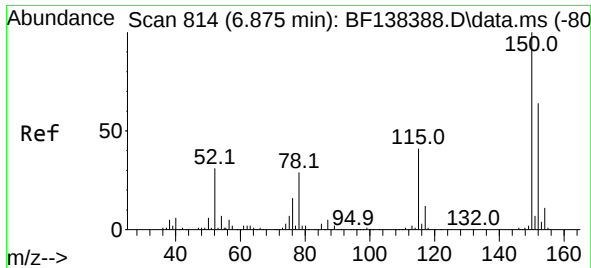
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	56626	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	221593	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	115221	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	176391	20.000	ng	0.00
76) Chrysene-d12	14.027	240	116449	20.000	ng	0.00
86) Perylene-d12	15.498	264	83443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	339395	99.371	ng	-0.01
7) Phenol-d6	6.504	99	444866	96.691	ng	-0.01
23) Nitrobenzene-d5	7.428	82	277318	65.011	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	83561	88.765	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	489254	67.577	ng	0.00
79) Terphenyl-d14	12.974	244	413179	48.625	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	37274	12.851	ng	# 77
25) Isophorone	7.428	82	277315	35.257	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	15341	9.250	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	15341	7.513	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.692	198	160	5.949	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	5889	3.106	ng	# 1
77) Benzidine	12.974	184	6425	6.900	ng	94

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

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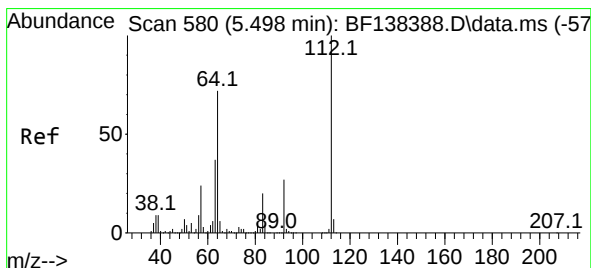
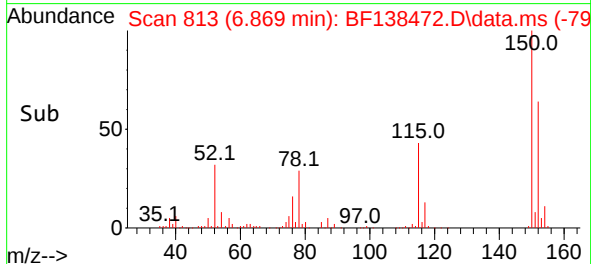
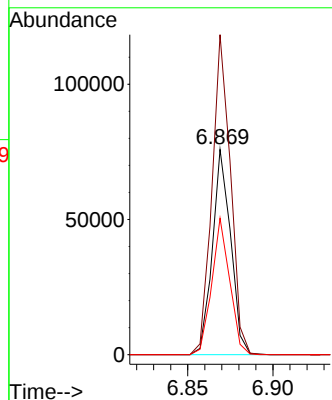
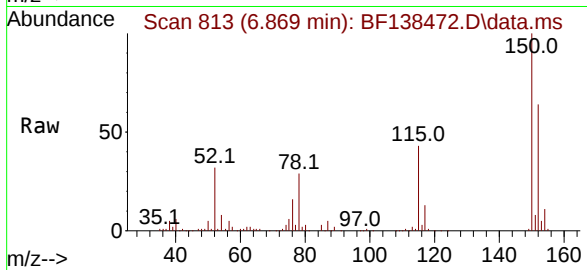




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

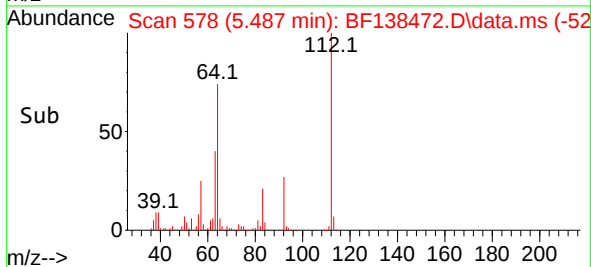
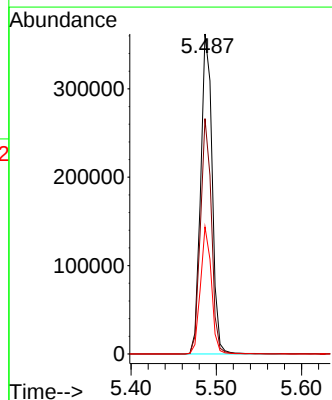
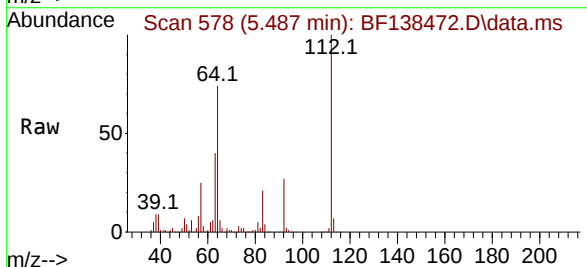
Instrument :
BNA_F
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OK-628-COMP-02RE

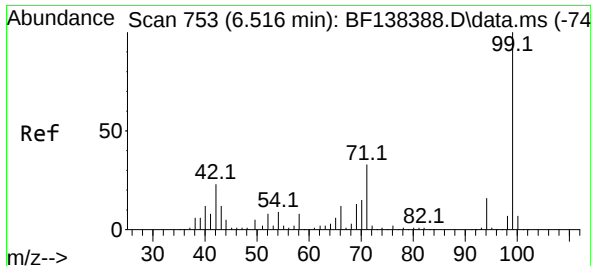
Tgt Ion:152 Resp: 56626
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 66.4 50.8 76.2



#5
2-Fluorophenol
Concen: 99.371 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.012 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

Tgt Ion:112 Resp: 339395
Ion Ratio Lower Upper
112 100
64 73.5 57.2 85.8
63 39.7 29.4 44.0

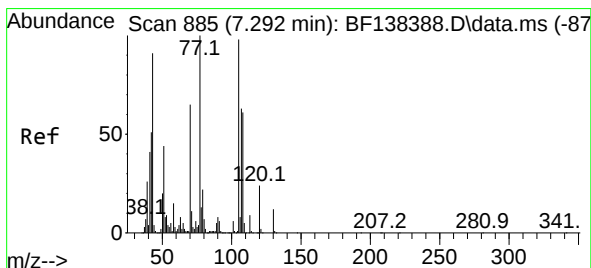
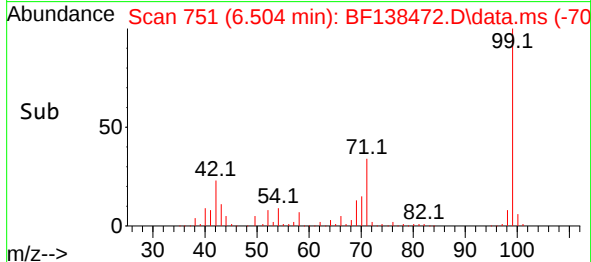
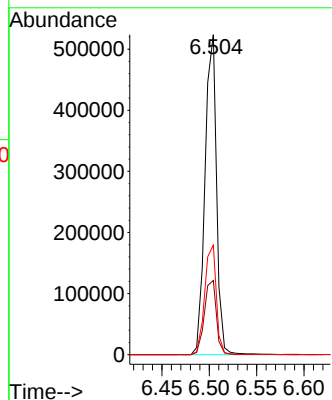
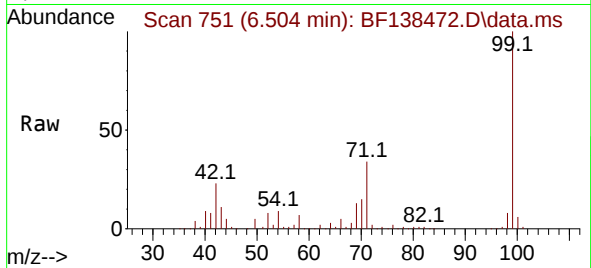




#7
Phenol-d6
Concen: 96.691 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

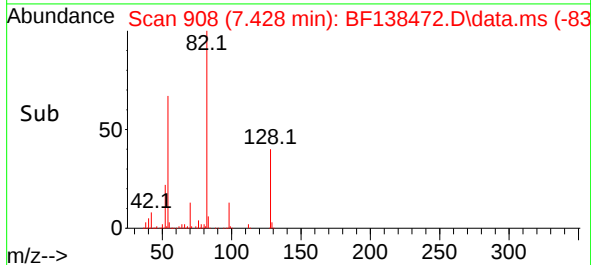
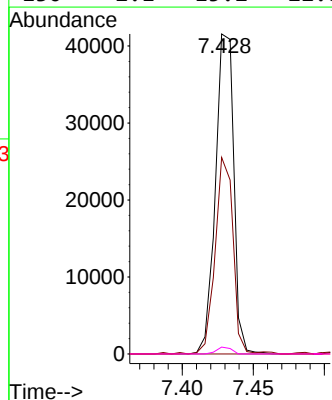
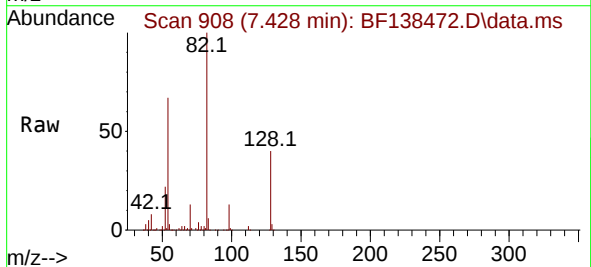
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BNA_F
ClientSampleId :
OK-628-COMP-02RE

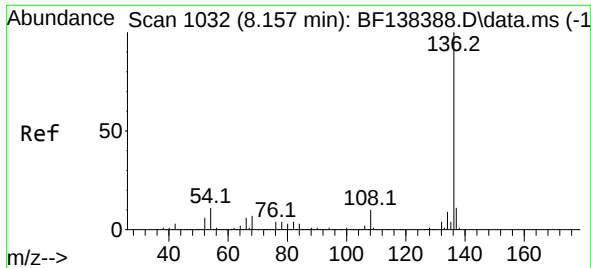
Tgt Ion: 99 Resp: 444866
Ion Ratio Lower Upper
99 100
42 23.2 18.5 27.7
71 34.3 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.851 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

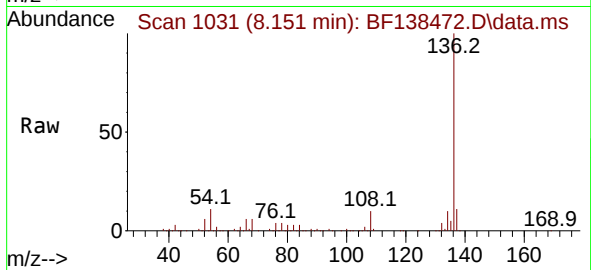
Tgt Ion: 70 Resp: 37274
Ion Ratio Lower Upper
70 100
42 61.4 62.5 93.7#
101 0.0 7.0 10.4#
130 2.1 15.2 22.8#



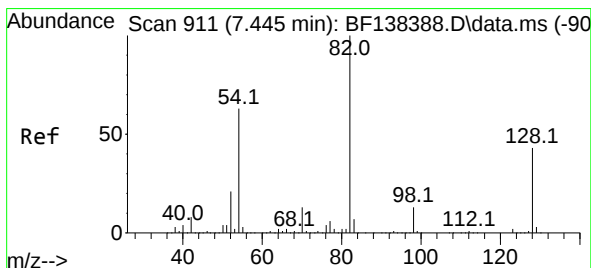
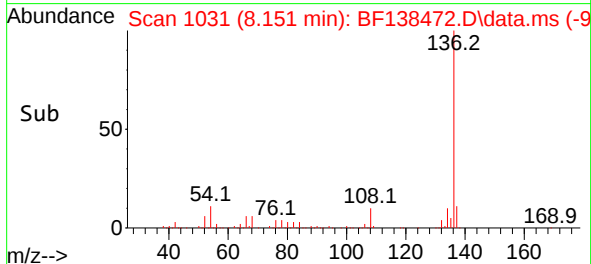
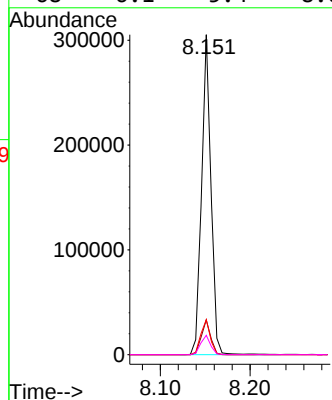


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-02RE

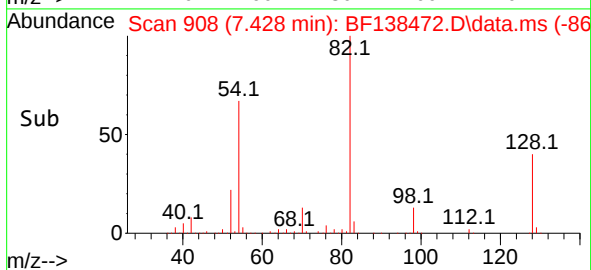
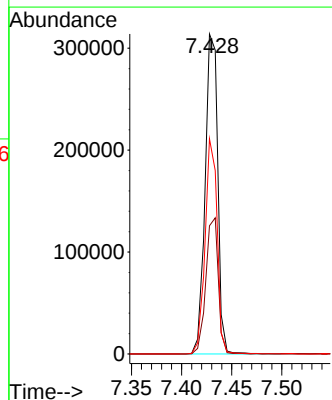
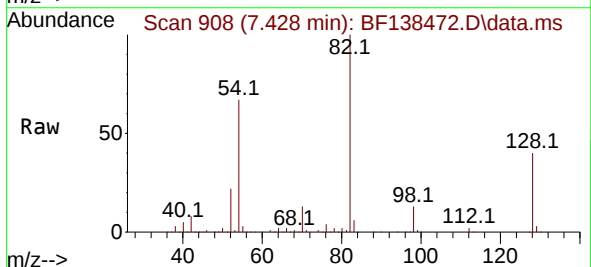


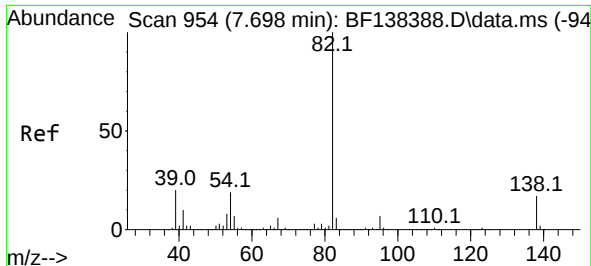
Tgt Ion:	136	Resp:	221593
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.9	9.0	13.4
68	6.1	5.4	8.0



#23
Nitrobenzene-d5
Concen: 65.011 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.018 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

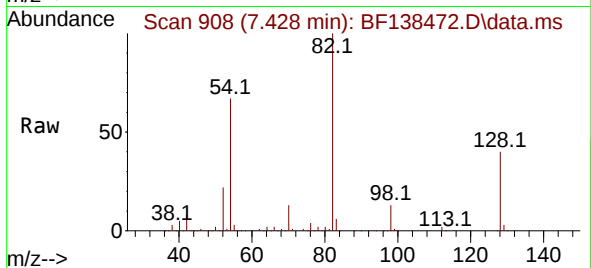
Tgt Ion:	82	Resp:	277318
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	67.3	50.5	75.7



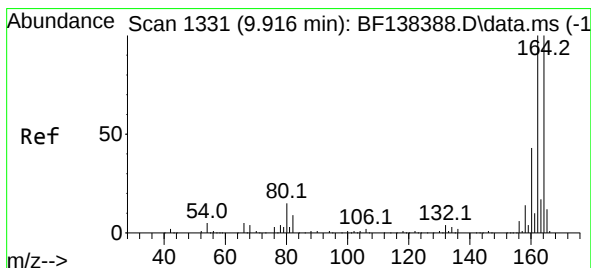
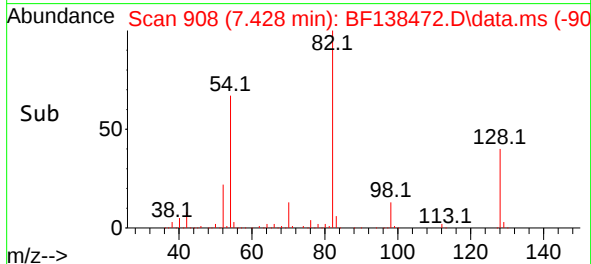
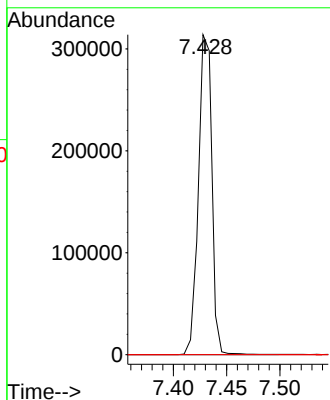


#25
Isophorone
Concen: 35.257 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-02RE

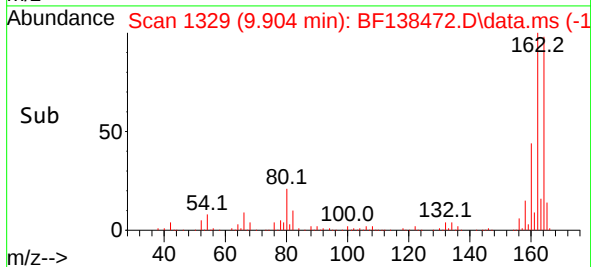
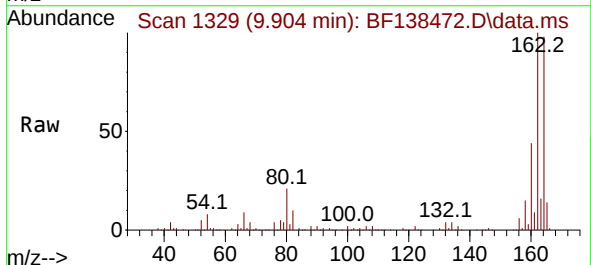
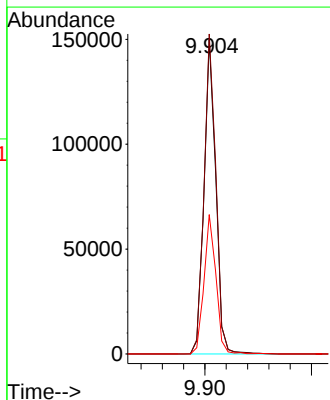


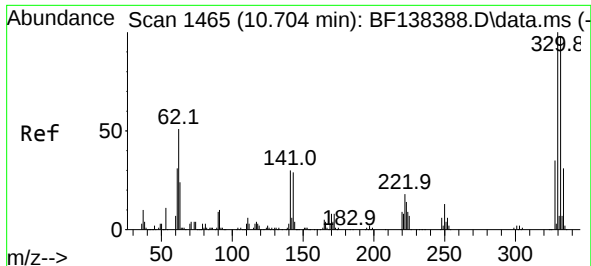
Tgt Ion: 82 Resp: 277315
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

Tgt Ion: 164 Resp: 115221
Ion Ratio Lower Upper
164 100
162 101.9 80.1 120.1
160 44.4 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 88.765 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BF138472.D

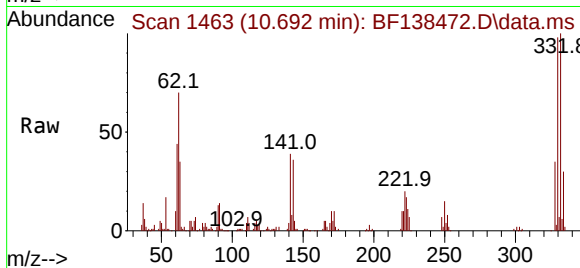
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Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-02RE



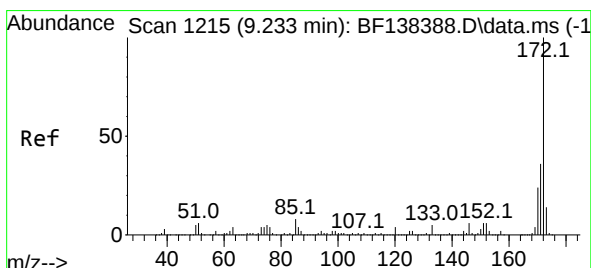
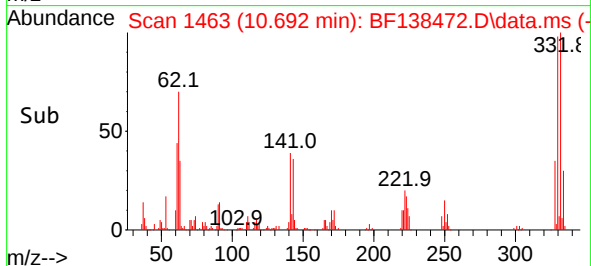
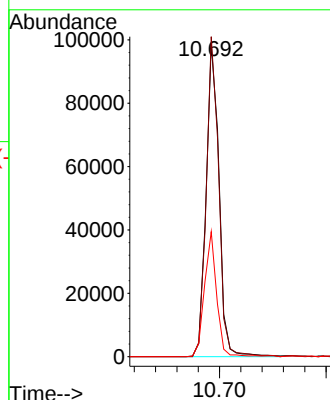
Tgt Ion:330 Resp: 83561

Ion Ratio Lower Upper

330 100

332 98.8 77.0 115.6

141 37.7 28.1 42.1



#45

2-Fluorobiphenyl

Concen: 67.577 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.005 min

Lab File: BF138472.D

Acq: 05 Jul 2024 17:04

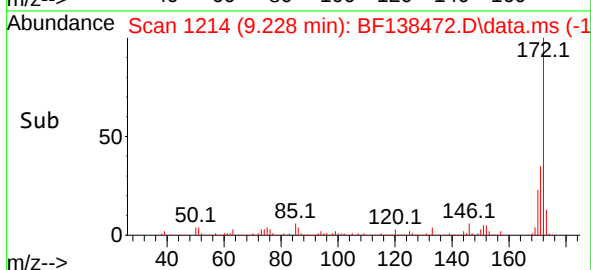
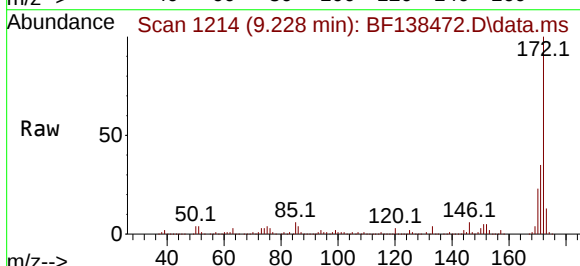
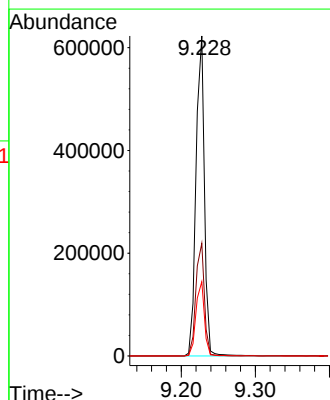
Tgt Ion:172 Resp: 489254

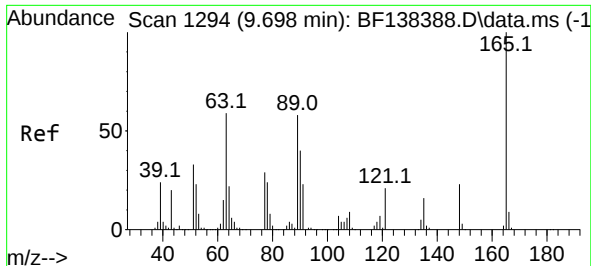
Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.4

170 23.2 19.0 28.6

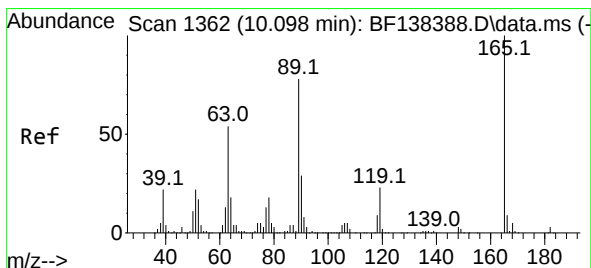
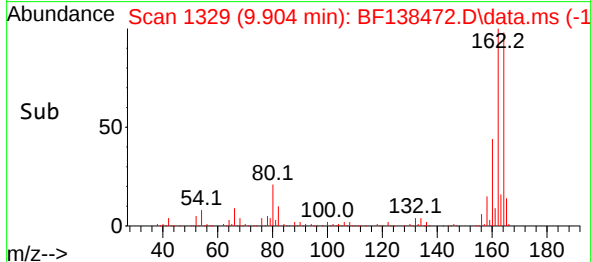
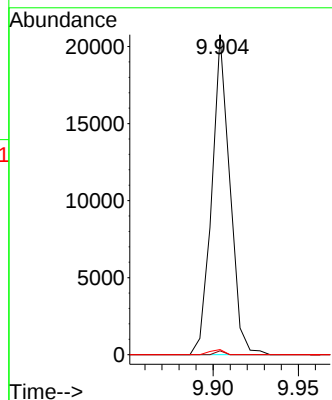
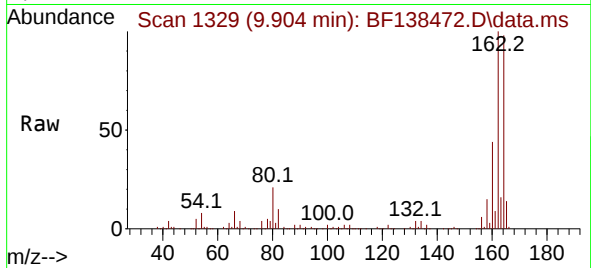




#51
2,6-Dinitrotoluene
Concen: 9.250 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

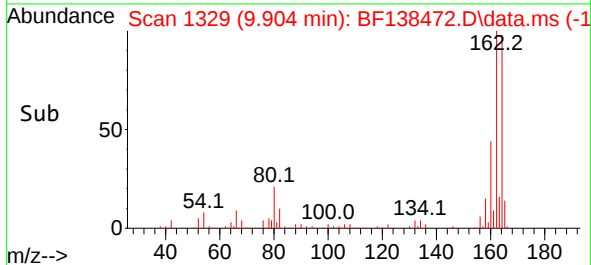
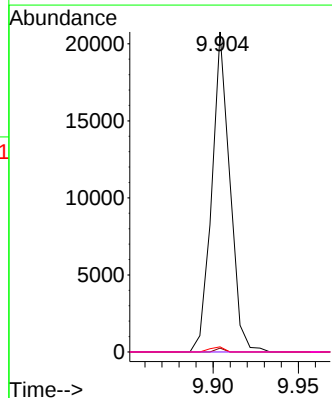
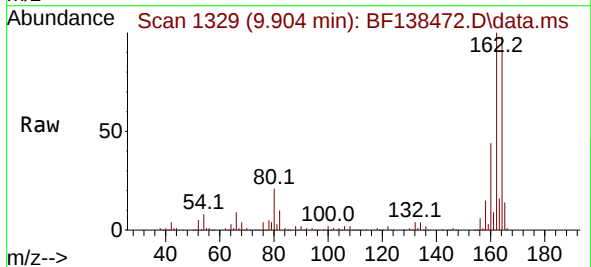
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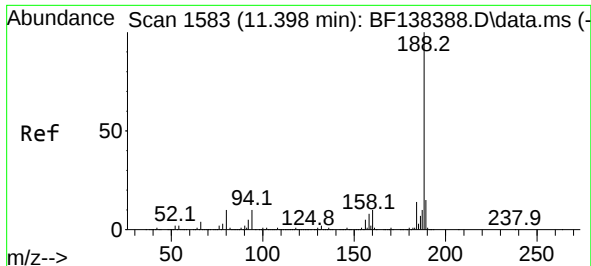
Tgt Ion:165 Resp: 15341
Ion Ratio Lower Upper
165 100
63 1.2 53.8 80.8#
89 1.6 46.4 69.6#



#57
2,4-Dinitrotoluene
Concen: 7.513 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

Tgt Ion:165 Resp: 15341
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.2#
89 1.6 62.6 93.8#
182 0.0 2.2 3.2#

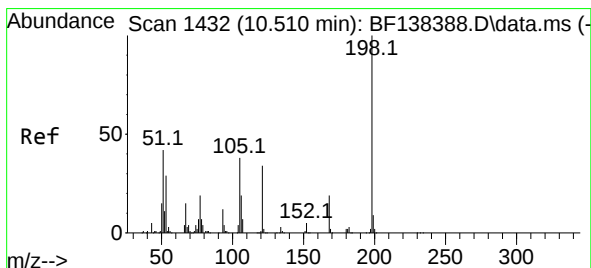
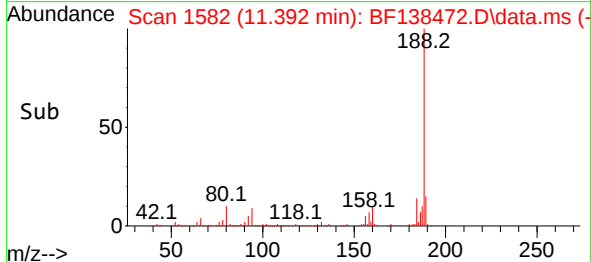
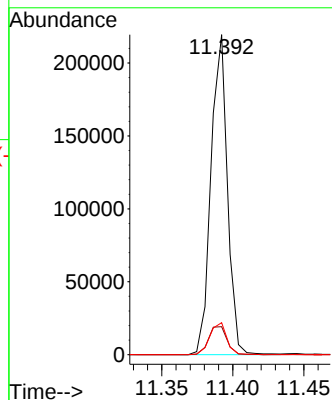
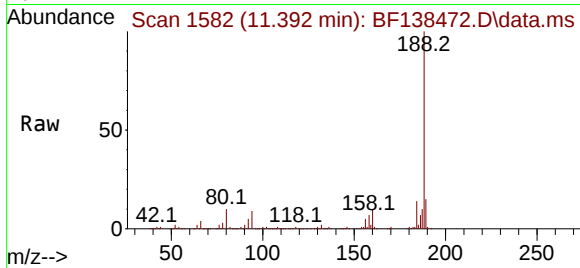




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

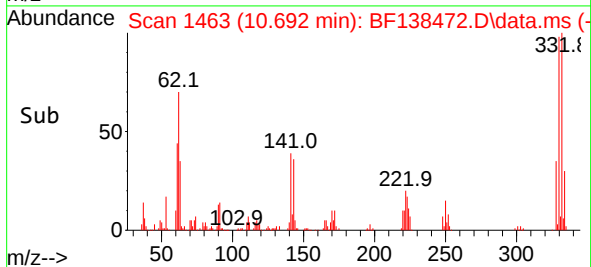
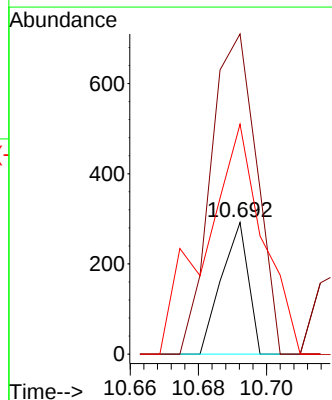
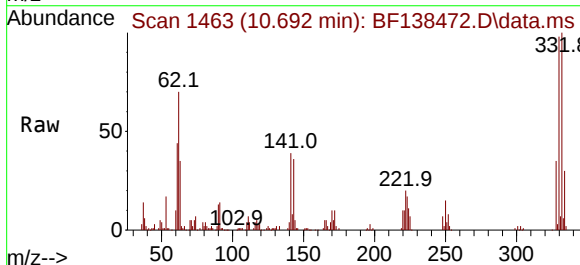
Instrument :
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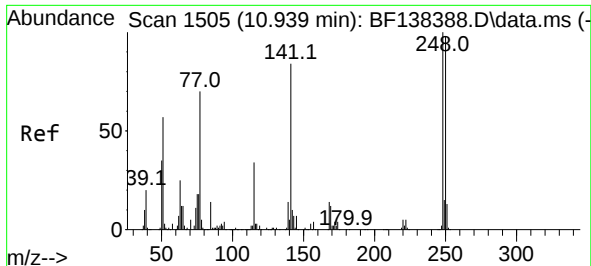
Tgt Ion:188 Resp: 176391
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 10.0 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.949 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.182 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

Tgt Ion:198 Resp: 160
Ion Ratio Lower Upper
198 100
51 243.2 27.9 67.9#
105 174.7 18.2 58.2#

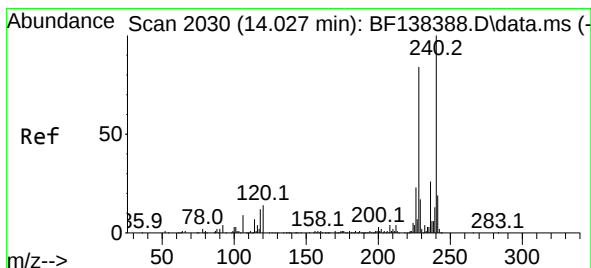
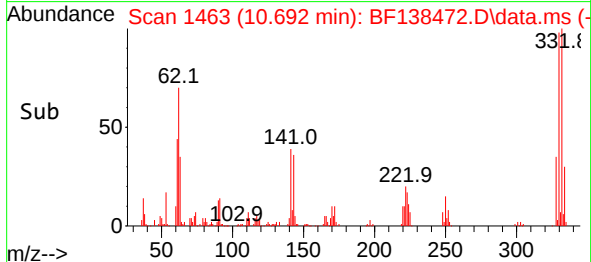
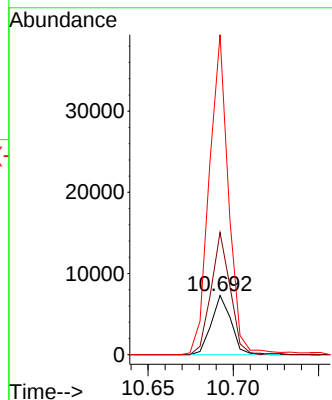
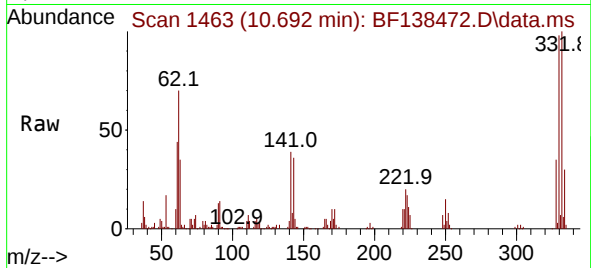




#67
4-Bromophenyl-phenylether
Concen: 3.106 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

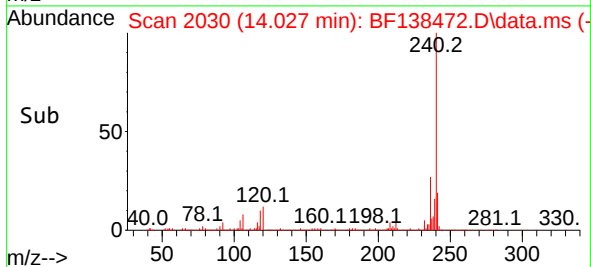
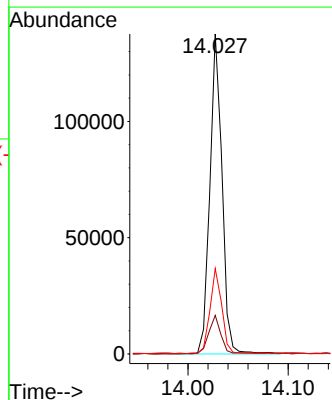
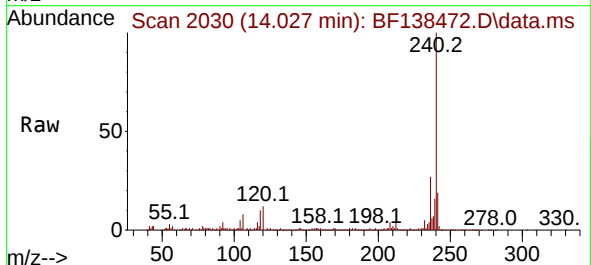
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-02RE

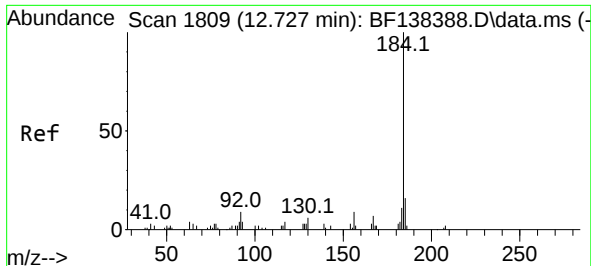
Tgt Ion:248 Resp: 5889
Ion Ratio Lower Upper
248 100
250 206.6 78.2 117.4#
141 540.6 67.6 101.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

Tgt Ion:240 Resp: 116449
Ion Ratio Lower Upper
240 100
120 12.0 10.9 16.3
236 26.7 20.6 30.8

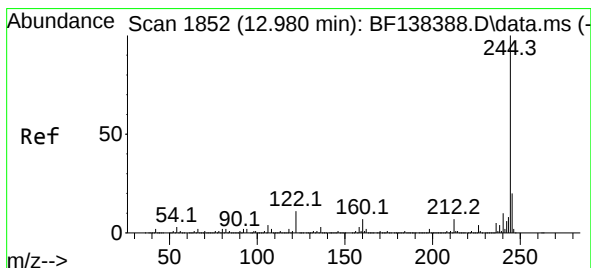
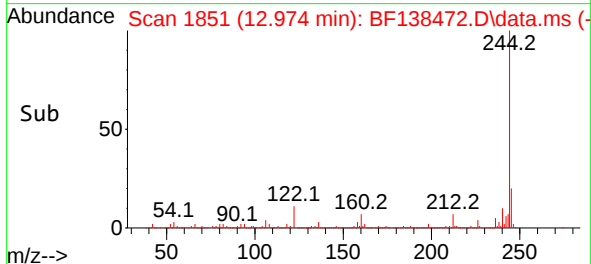
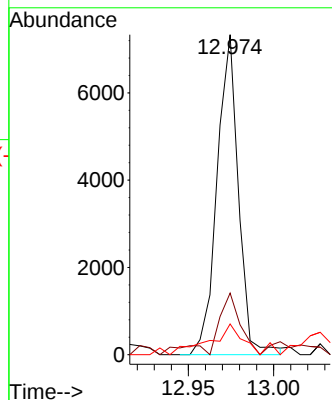
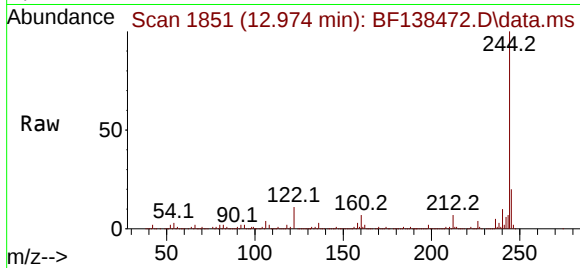




#77
Benzidine
Concen: 6.900 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

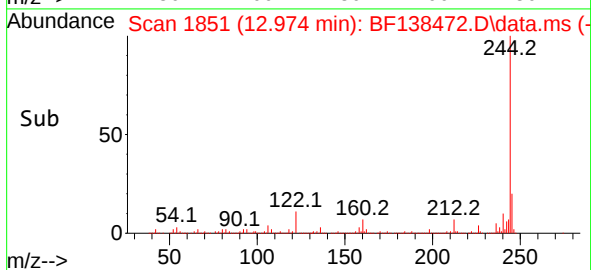
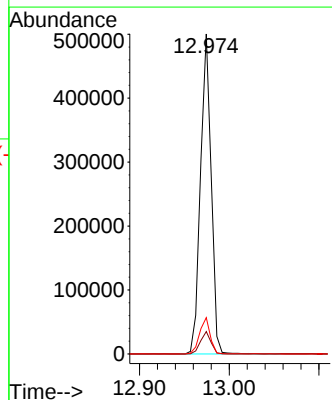
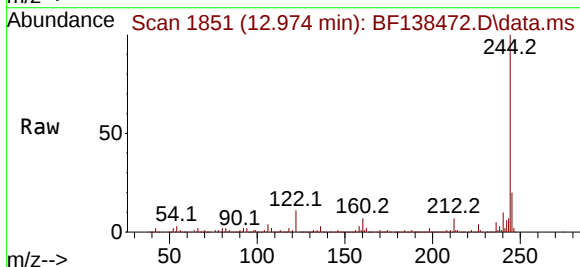
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-02RE

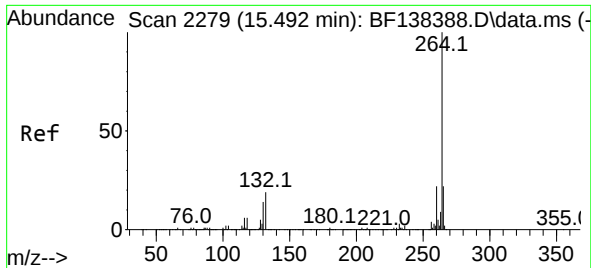
Tgt Ion:184 Resp: 6425
Ion Ratio Lower Upper
184 100
185 19.3 13.0 19.4
183 9.6 9.0 13.6



#79
Terphenyl-d14
Concen: 48.625 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

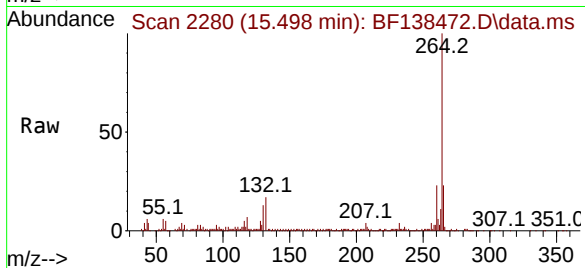
Tgt Ion:244 Resp: 413179
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.4 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-02RE



Tgt Ion:264 Resp: 83443

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.8	26.6
265	23.1	17.5	26.3

