

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137295.D
 Acq On : 06 Feb 2024 16:54
 Operator : CG\JU
 Sample : P1318-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-11-GRID-1

Quant Time: Feb 06 17:24:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

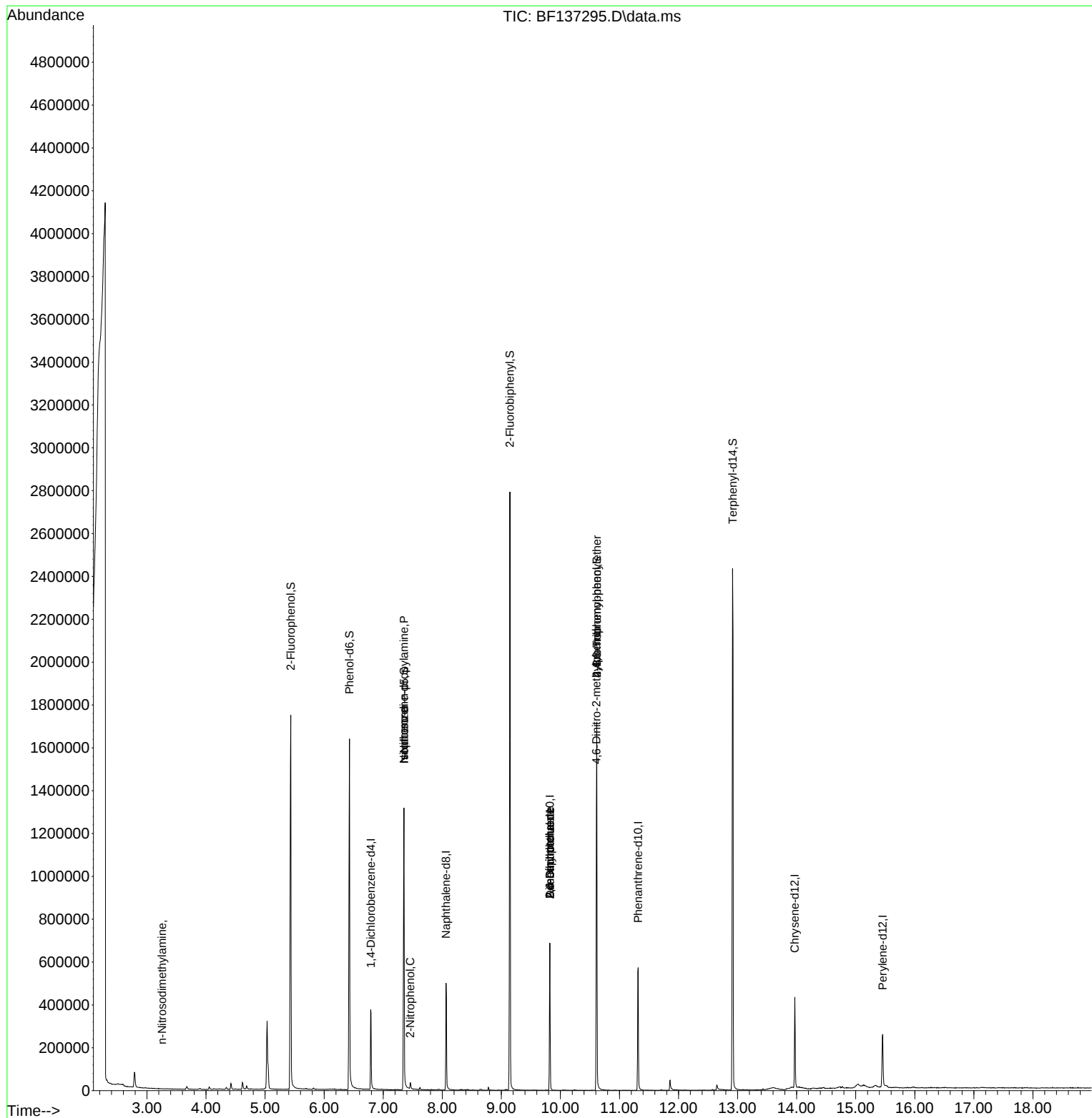
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	56781	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	214320	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	127707	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	230729	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	146657	20.000	ng	0.00
86) Perylene-d12	15.457	264	127061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	447822	130.139	ng	0.02
7) Phenol-d6	6.428	99	536821	109.314	ng	0.00
23) Nitrobenzene-d5	7.351	82	433907	90.644	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	199679	138.448	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	807521	86.924	ng	0.00
79) Terphenyl-d14	12.916	244	931039	86.303	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.257	42	527	6.305	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	61449	18.250	ng	# 79
25) Isophorone	7.351	82	433903	49.107	ng	# 68
26) 2-Nitrophenol	7.457	139	261	2.588	ng	# 28
50) Dimethylphthalate	9.822	163	23436	2.716	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15841	8.610	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	15841	6.636	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.610	198	597	5.888	ng	# 71
67) 4-Bromophenyl-phenylether	10.616	248	12903	5.086	ng	# 1

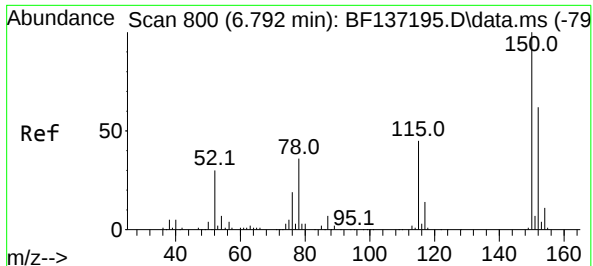
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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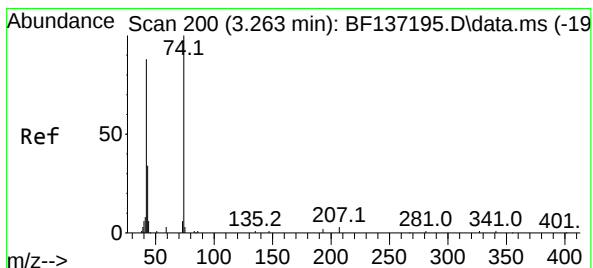
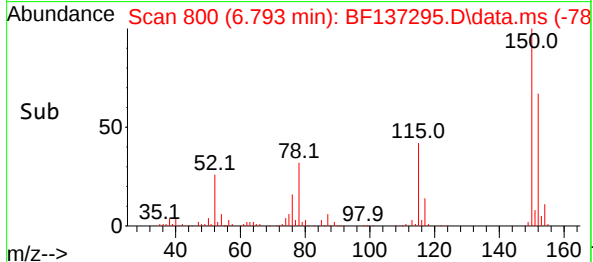
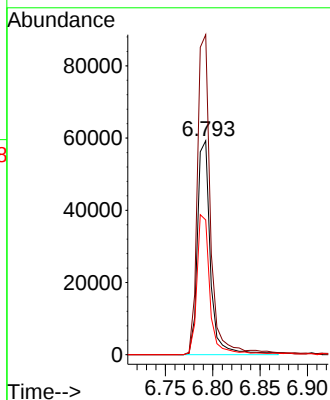
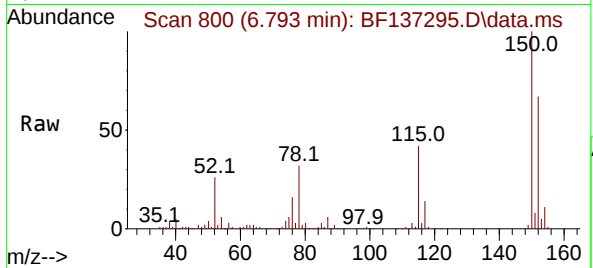




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

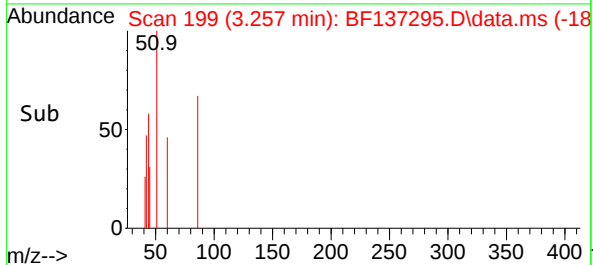
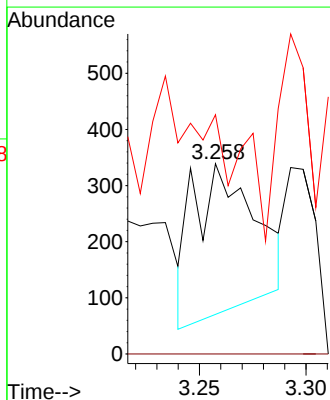
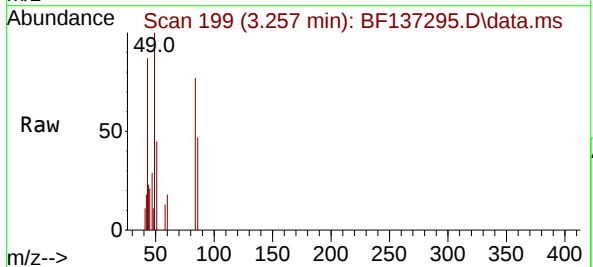
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

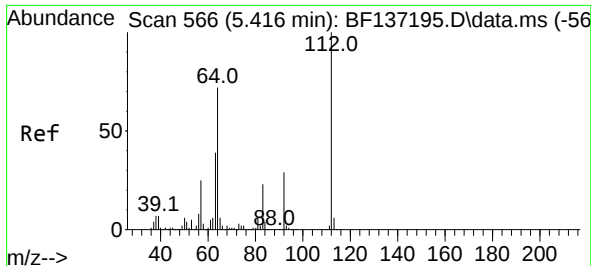
Tgt Ion:152 Resp: 56781
Ion Ratio Lower Upper
152 100
150 149.6 129.8 194.8
115 63.0 58.5 87.7



#4
n-Nitrosodimethylamine
Concen: 6.305 ng
RT: 3.257 min Scan# 199
Delta R.T. -0.006 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Tgt Ion: 42 Resp: 527
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7#
44 125.7 6.1 9.1#

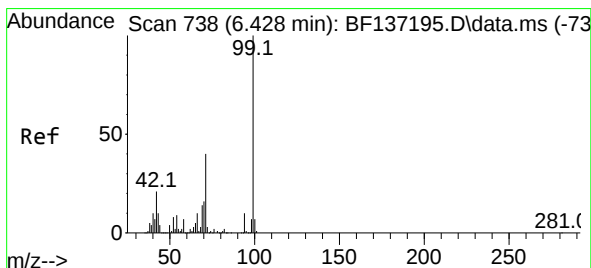
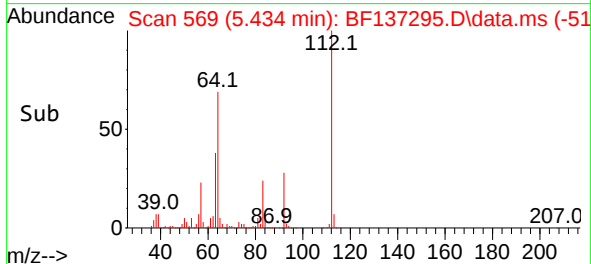
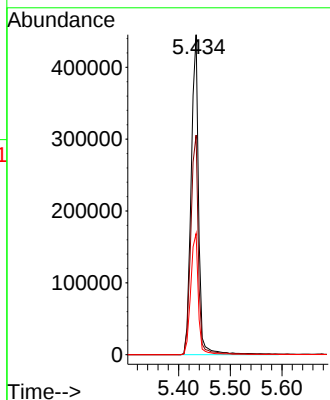
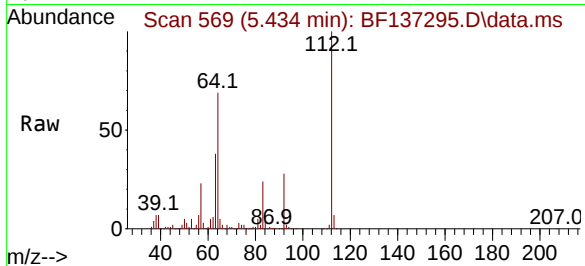




#5
2-Fluorophenol
Concen: 130.139 ng
RT: 5.434 min Scan# 509
Delta R.T. 0.018 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

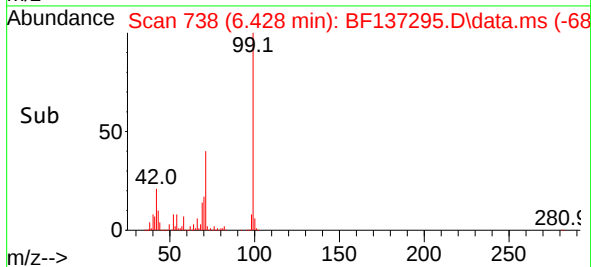
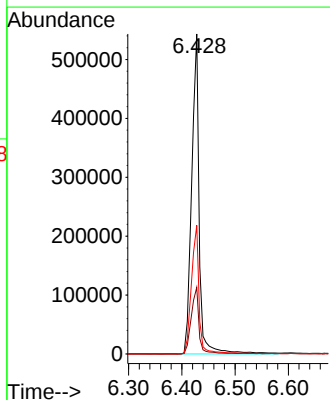
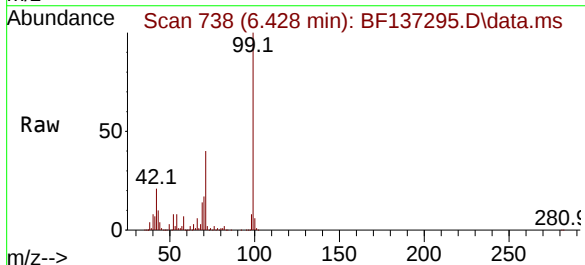
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

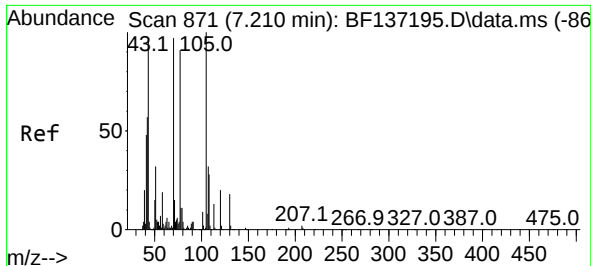
Tgt Ion:112 Resp: 447822
Ion Ratio Lower Upper
112 100
64 68.6 57.8 86.6
63 37.8 31.4 47.0



#7
Phenol-d6
Concen: 109.314 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Tgt Ion: 99 Resp: 536821
Ion Ratio Lower Upper
99 100
42 20.8 16.4 24.6
71 40.2 32.4 48.6

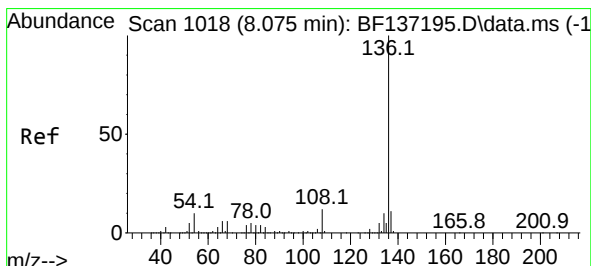
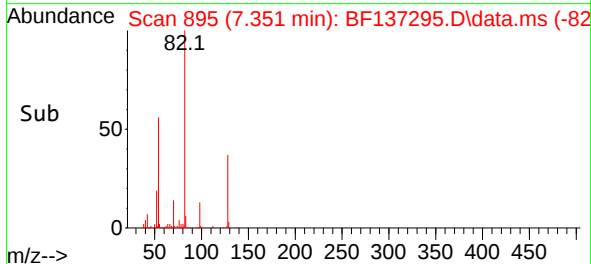
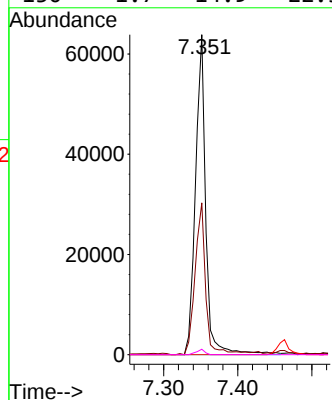
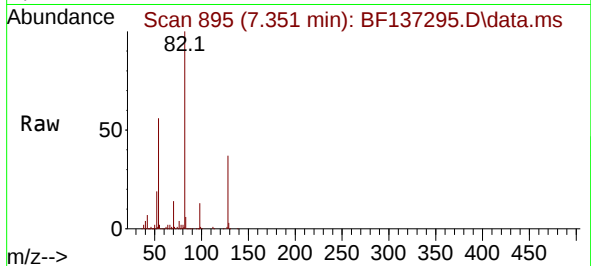




#19
n-Nitroso-di-n-propylamine
Concen: 18.250 ng
RT: 7.351 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

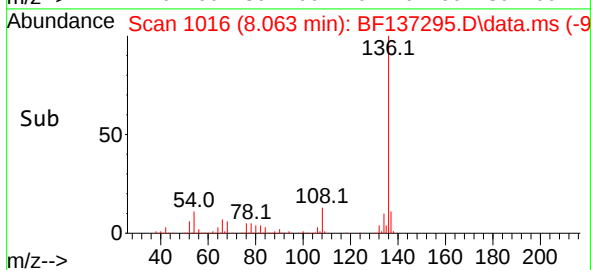
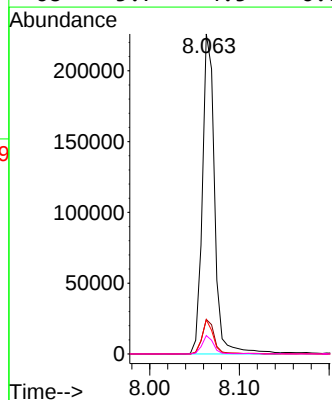
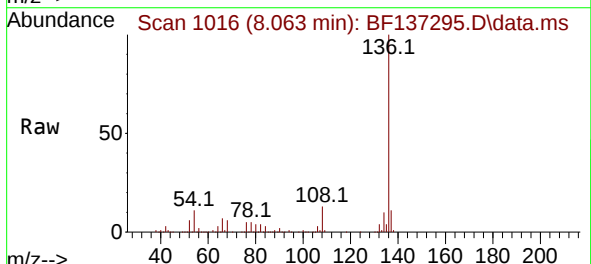
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

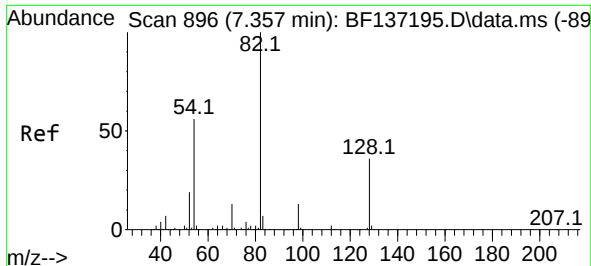
Tgt Ion: 70	Resp: 61449
Ion Ratio	Lower Upper
70 100	
42 47.5	47.2 70.8
101 0.0	7.4 11.0#
130 1.7	14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Tgt Ion: 136	Resp: 214320
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 10.7	7.8 11.8
68 5.7	4.5 6.7

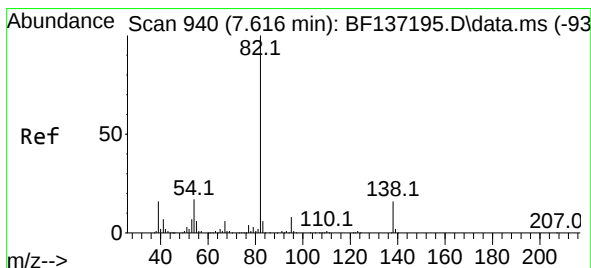
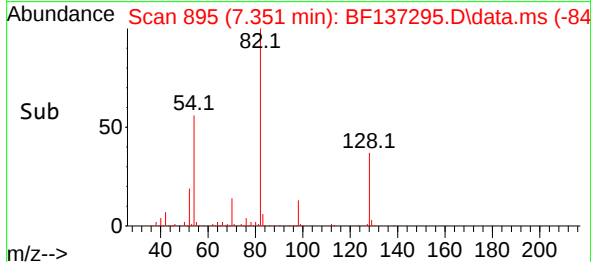
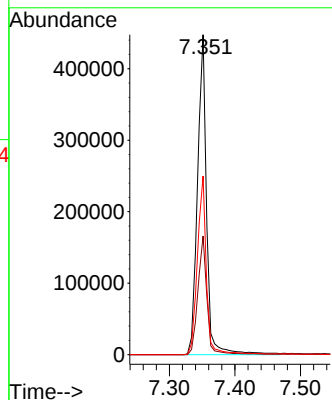
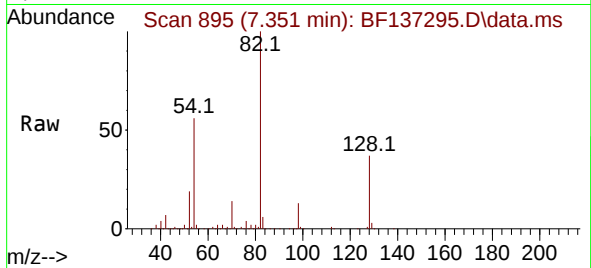




#23
Nitrobenzene-d5
Concen: 90.644 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

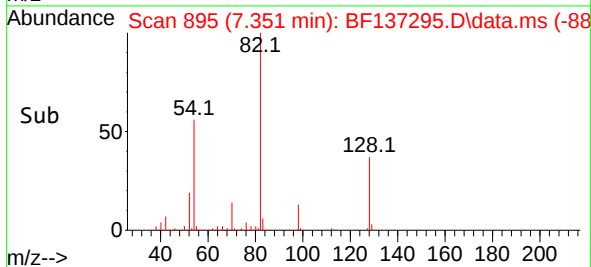
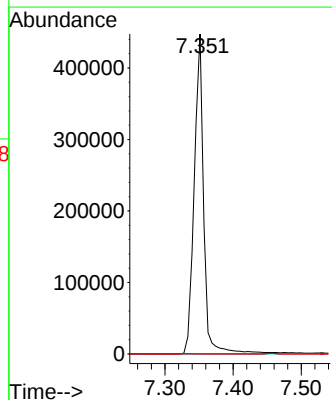
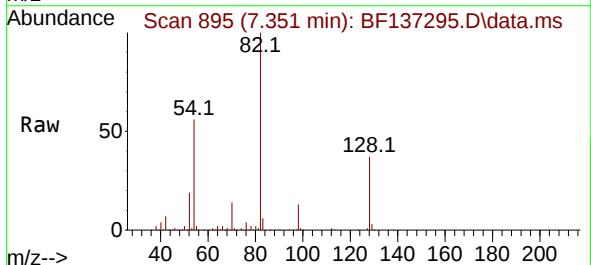
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

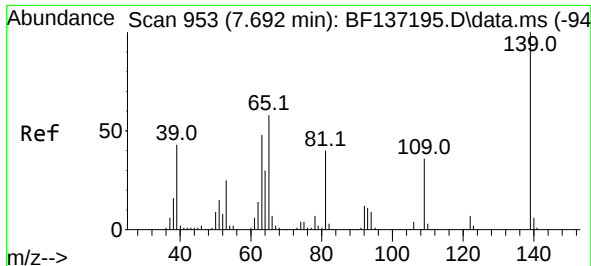
Tgt Ion: 82 Resp: 433907
Ion Ratio Lower Upper
82 100
128 37.0 29.1 43.7
54 55.9 45.0 67.6



#25
Isophorone
Concen: 49.107 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

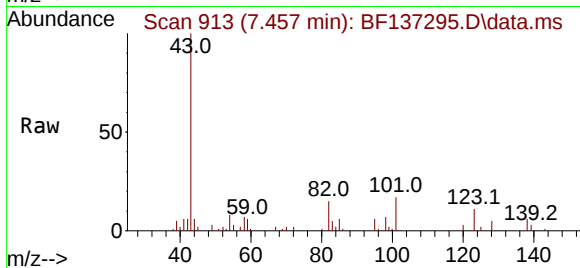
Tgt Ion: 82 Resp: 433903
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



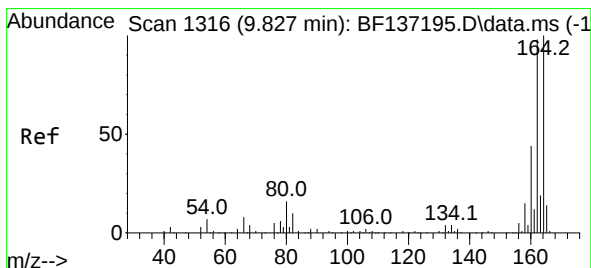
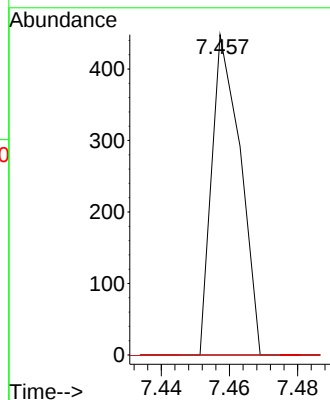
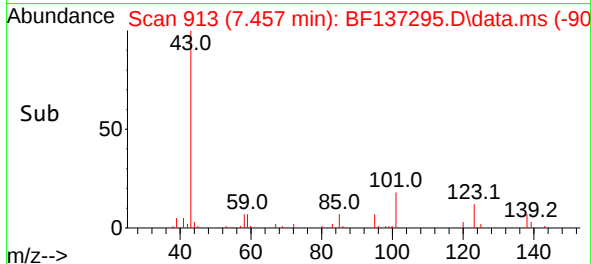


#26
2-Nitrophenol
Concen: 2.588 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.235 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

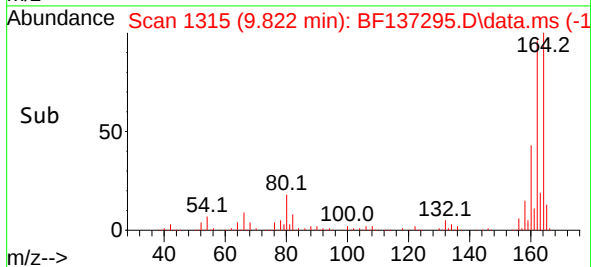
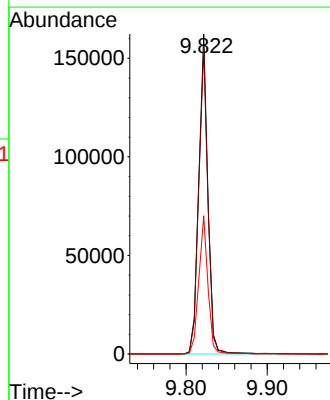
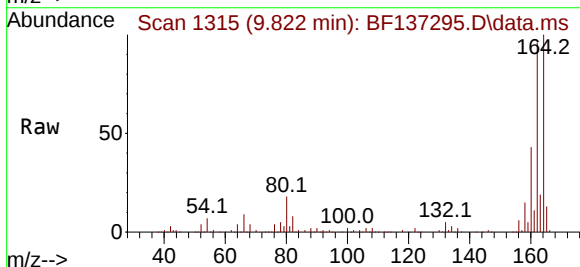


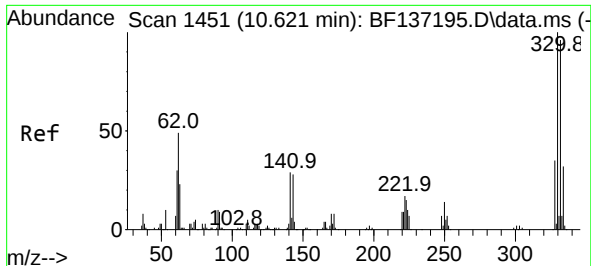
Tgt Ion:139 Resp: 261
Ion Ratio Lower Upper
139 100
109 0.0 28.5 42.7#
65 0.0 46.7 70.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

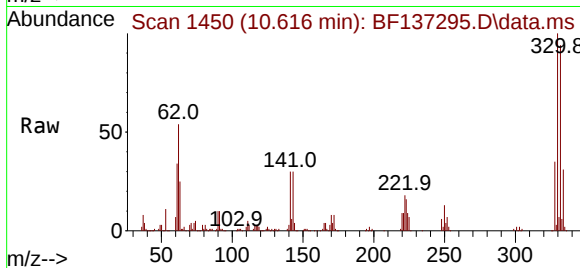
Tgt Ion:164 Resp: 127707
Ion Ratio Lower Upper
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162 95.6 78.3 117.5
160 43.2 35.4 53.2



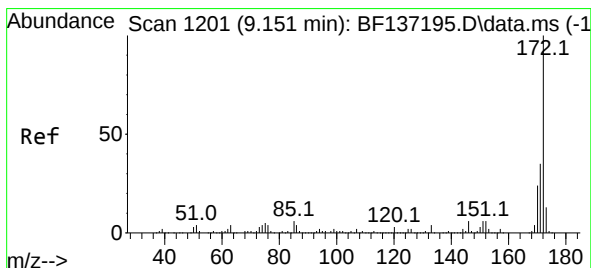
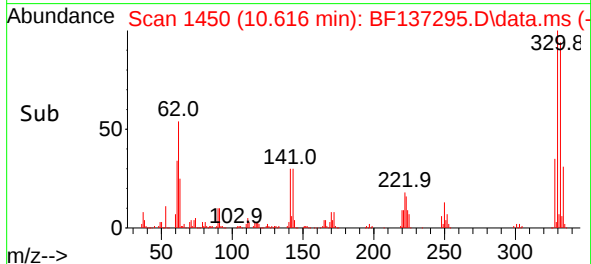
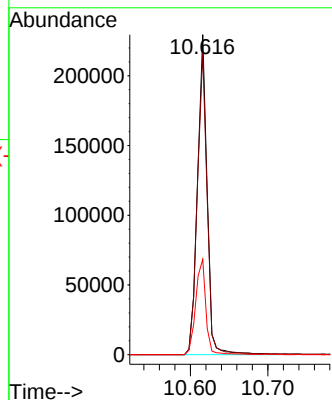


#42
2,4,6-Tribromophenol
Concen: 138.448 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

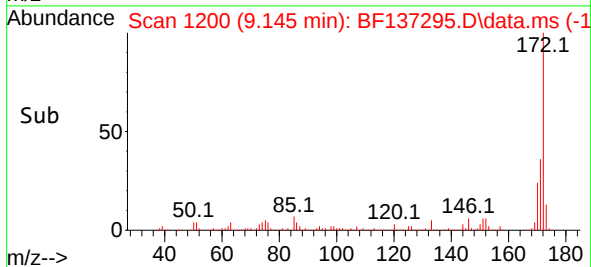
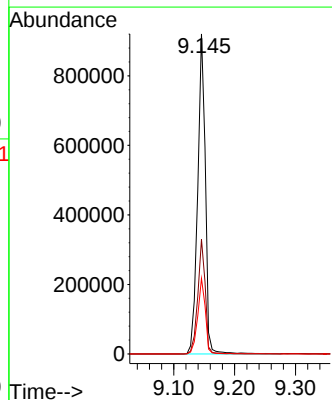
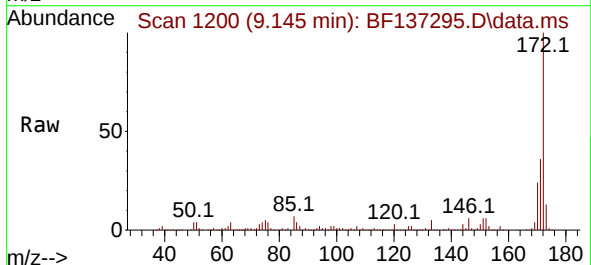


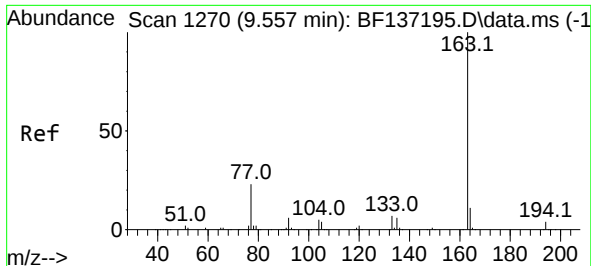
Tgt Ion:330 Resp: 199679
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 31.4 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 86.924 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Tgt Ion:172 Resp: 807521
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.6 19.1 28.7

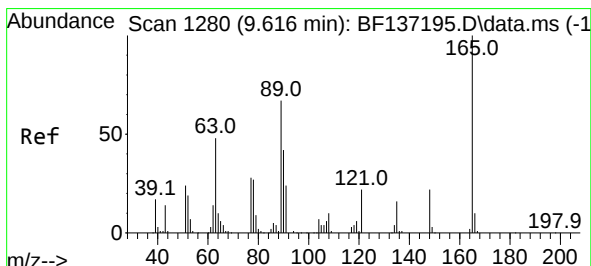
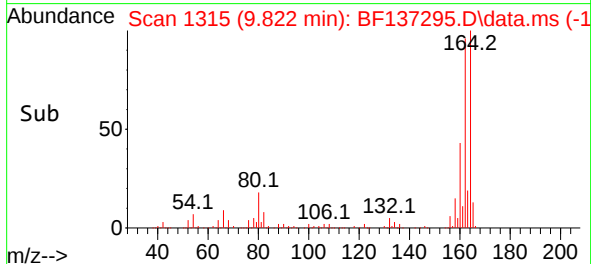
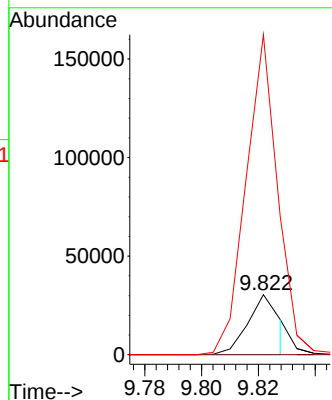
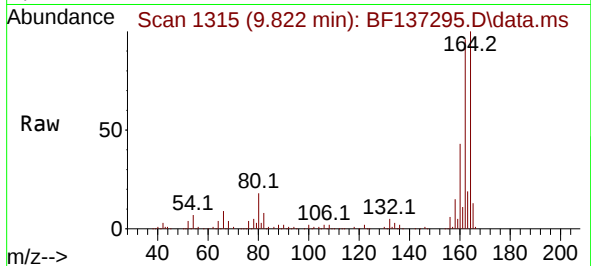




#50
Dimethylphthalate
Concen: 2.716 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

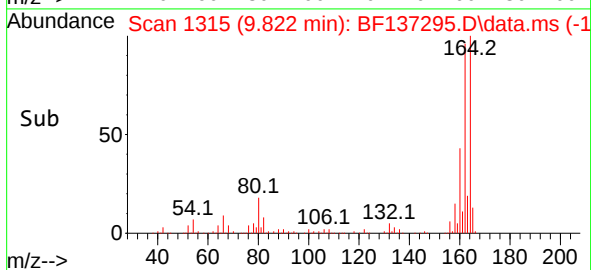
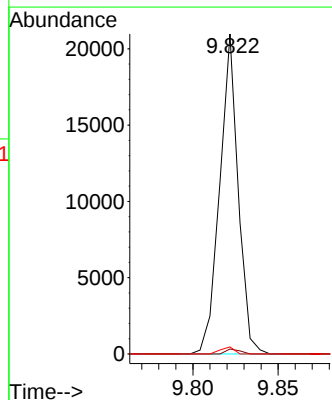
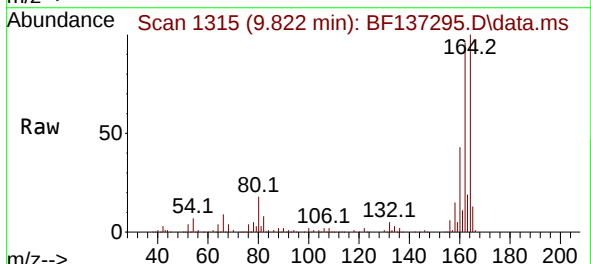
Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

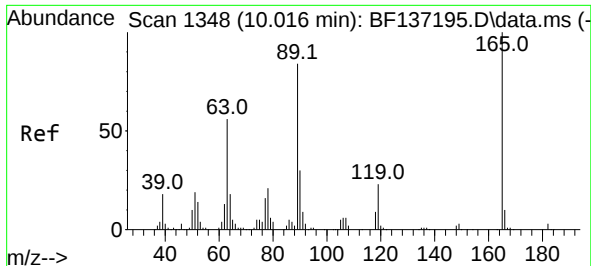
Tgt Ion:163 Resp: 23436
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 533.1 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.610 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

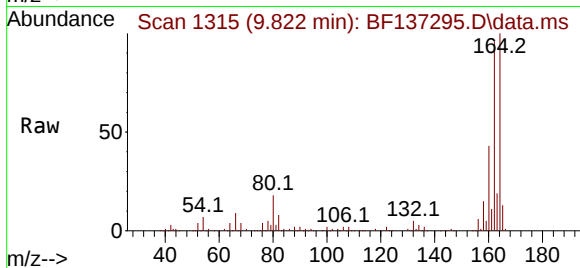
Tgt Ion:165 Resp: 15841
Ion Ratio Lower Upper
165 100
63 1.5 55.1 82.7#
89 2.2 53.5 80.3#



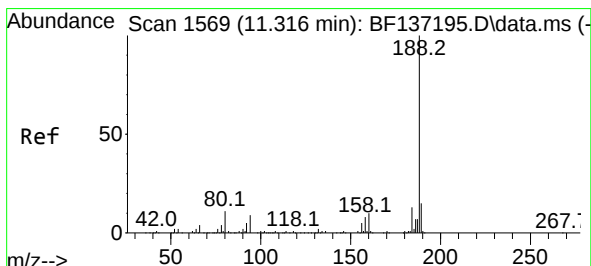
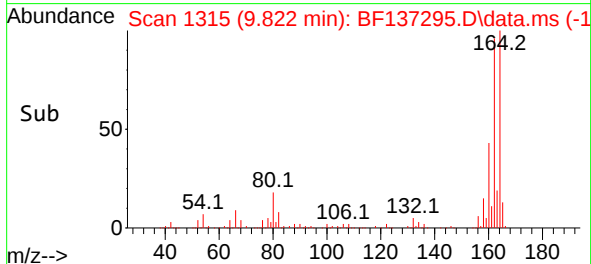
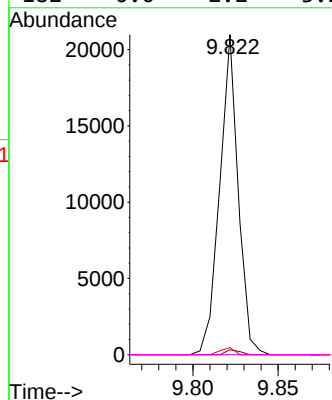


#57
2,4-Dinitrotoluene
Concen: 6.636 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

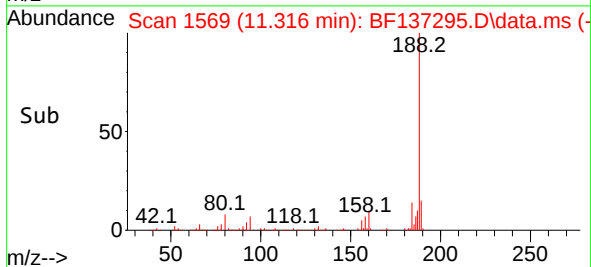
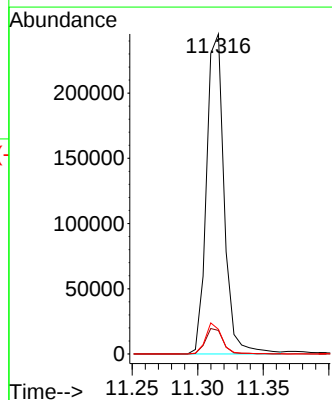
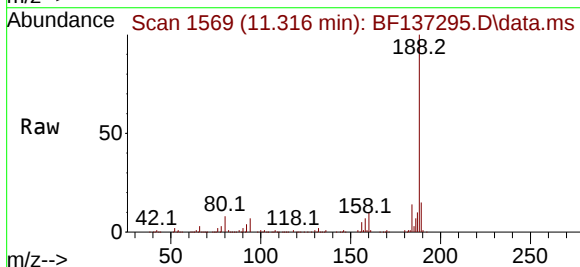


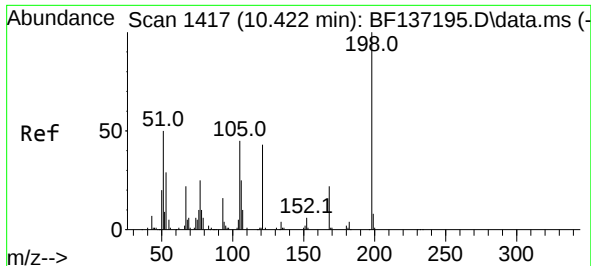
Tgt Ion:165 Resp: 15841
Ion Ratio Lower Upper
165 100
63 1.5 46.1 69.1#
89 2.2 67.5 101.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Tgt Ion:188 Resp: 230729
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 7.7 8.8 13.2#





#65

4,6-Dinitro-2-methylphenol

Concen: 5.888 ng

RT: 10.610 min Scan# 1417

Delta R.T. 0.188 min

Lab File: BF137295.D

Acq: 06 Feb 2024 16:54

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1

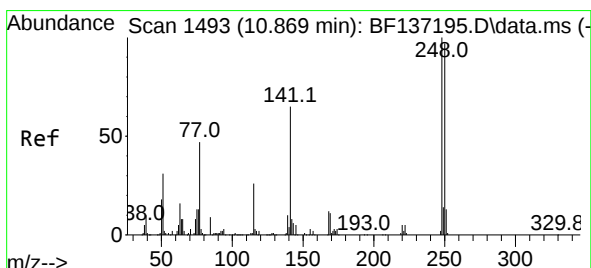
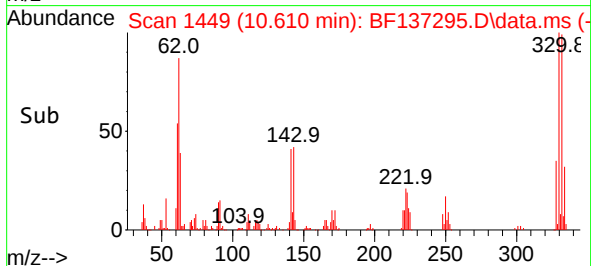
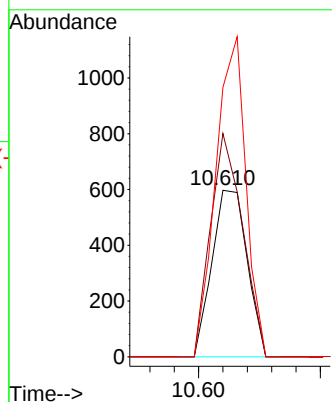
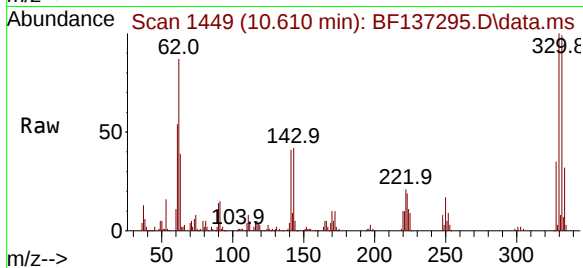
Tgt Ion:198 Resp: 597

Ion Ratio Lower Upper

198 100

51 30.6 40.9 80.9#

105 36.9 26.5 66.5



#67

4-Bromophenyl-phenylether

Concen: 5.086 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF137295.D

Acq: 06 Feb 2024 16:54

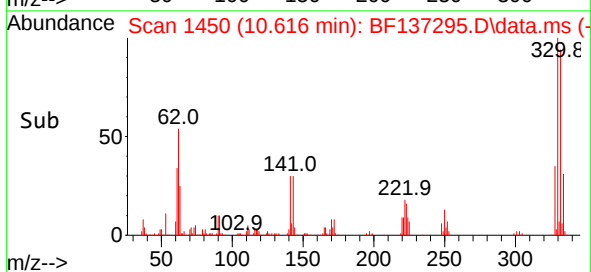
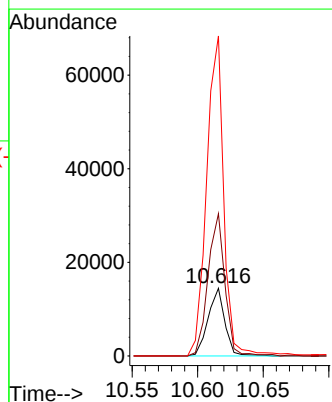
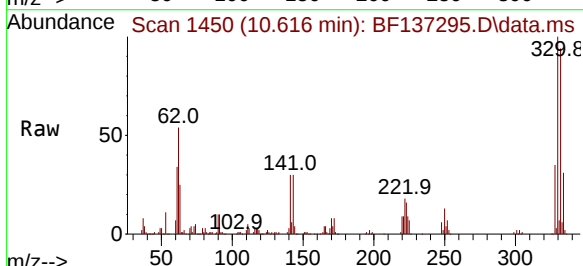
Tgt Ion:248 Resp: 12903

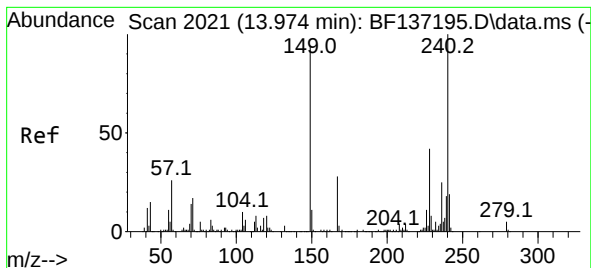
Ion Ratio Lower Upper

248 100

250 209.9 77.7 116.5#

141 472.5 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137295.D

Acq: 06 Feb 2024 16:54

Instrument :

BNA_F

ClientSampleId :

CO-11-GRID-1

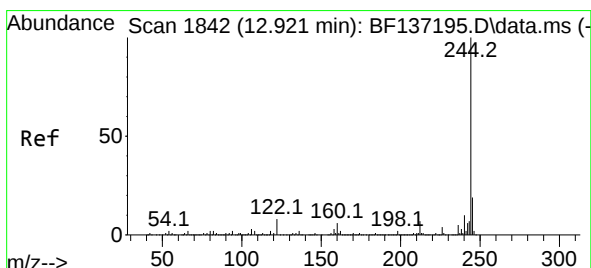
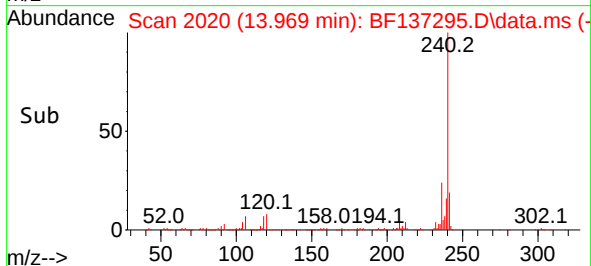
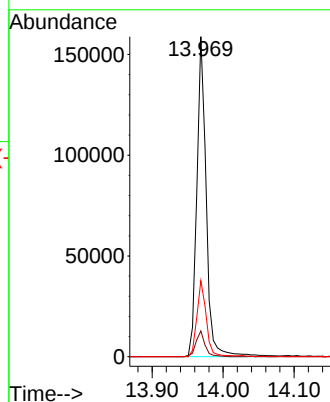
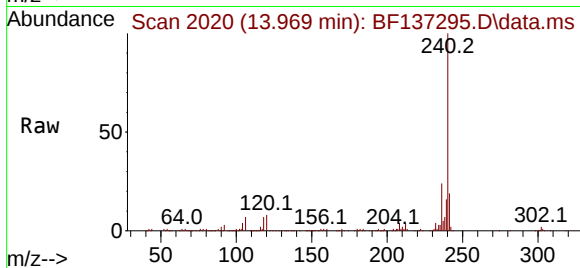
Tgt Ion:240 Resp: 146657

Ion Ratio Lower Upper

240 100

120 8.1 6.3 9.5

236 23.8 20.3 30.5



#79

Terphenyl-d14

Concen: 86.303 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF137295.D

Acq: 06 Feb 2024 16:54

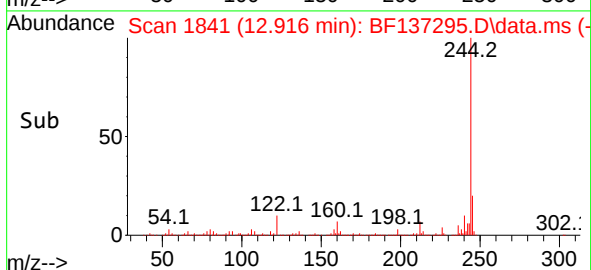
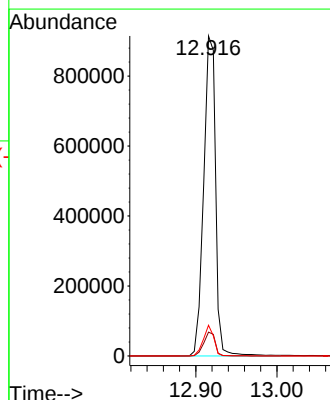
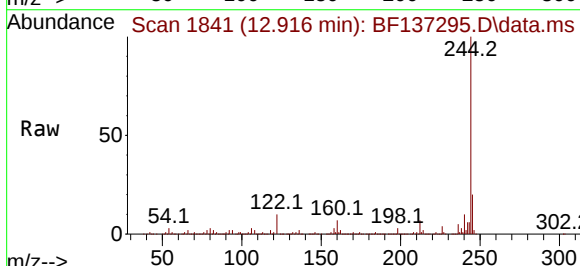
Tgt Ion:244 Resp: 931039

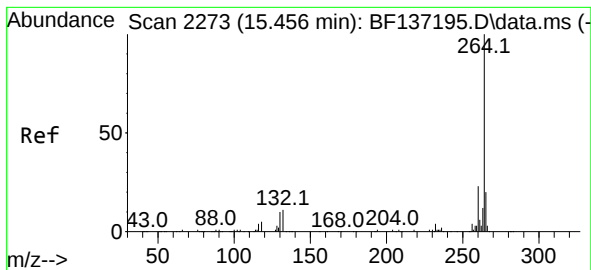
Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

122 9.6 6.2 9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137295.D
Acq: 06 Feb 2024 16:54

Instrument :
BNA_F
ClientSampleId :
CO-11-GRID-1

Tgt Ion:264 Resp: 127061

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	20.2	16.2	24.2

