

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137313.D
 Acq On : 07 Feb 2024 11:15
 Operator : CG\JU
 Sample : PB158865BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158865BL

Quant Time: Feb 07 11:48:41 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)

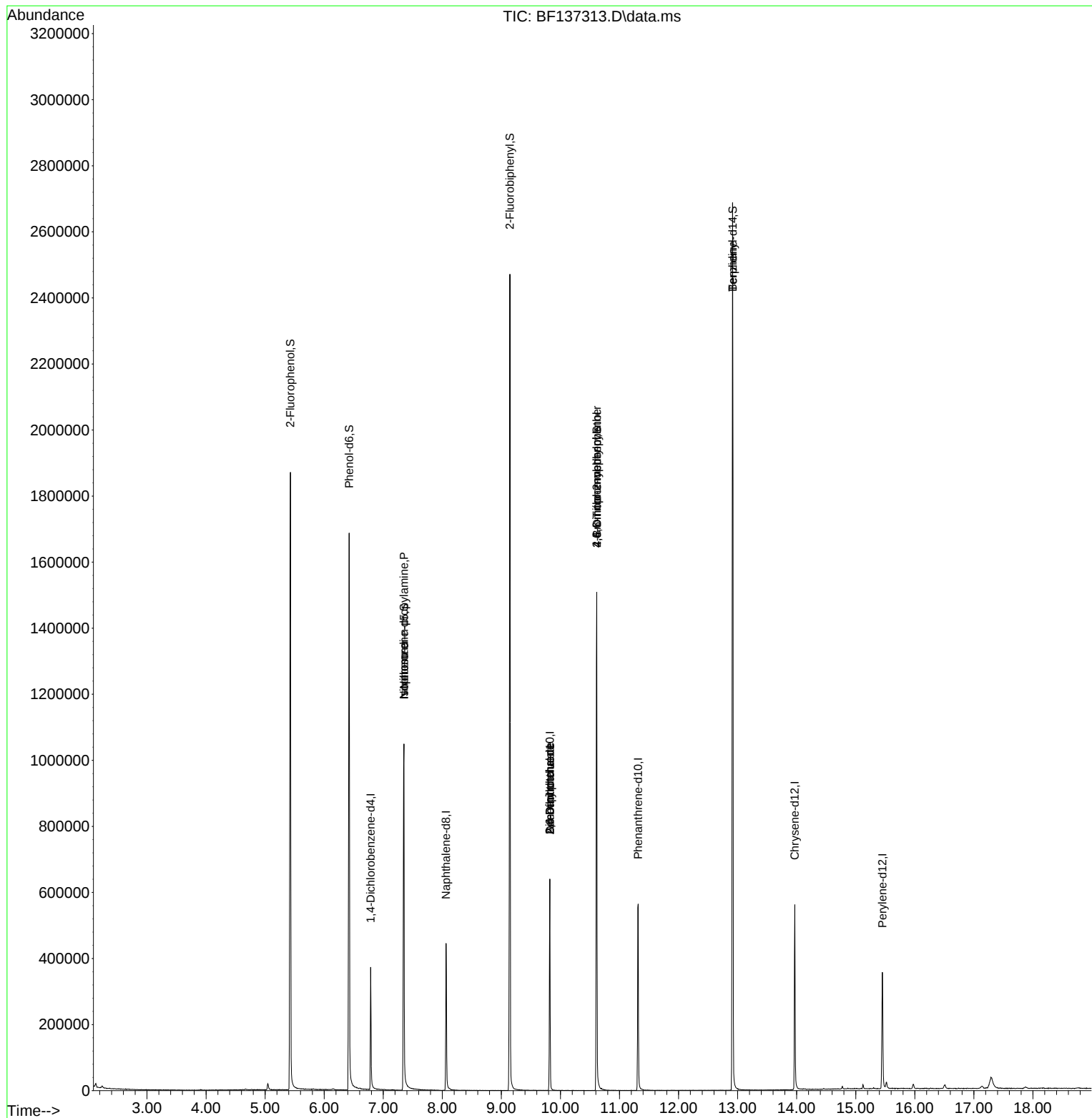
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	52040	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	205681	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	123927	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	243439	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	201893	20.000	ng	0.00
86) Perylene-d12	15.451	264	177605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	465893	147.725	ng	0.01
7) Phenol-d6	6.422	99	598792	133.042	ng	0.00
23) Nitrobenzene-d5	7.351	82	412822	89.861	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	186719	133.411	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	754163	83.656	ng	0.00
79) Terphenyl-d14	12.916	244	997455	67.164	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	55277	17.912	ng	# 78
25) Isophorone	7.351	82	412819	48.684	ng	# 67
50) Dimethylphthalate	9.822	163	23135	2.763	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15118	8.468	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	15118	6.526	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	503	5.800	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	13029	4.867	ng	# 1
77) Benzidine	12.916	184	12644	3.497	ng	# 94

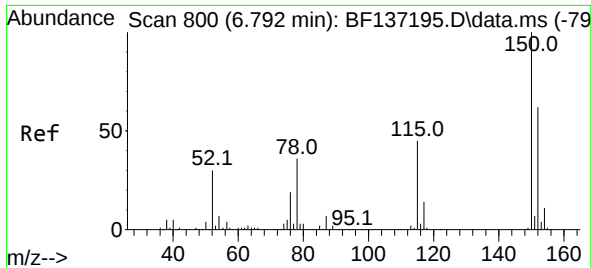
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
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Operator : CG\JU
Sample : PB158865BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

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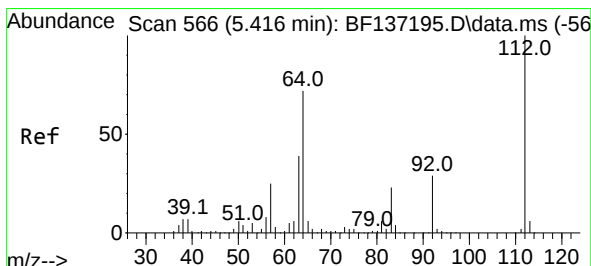
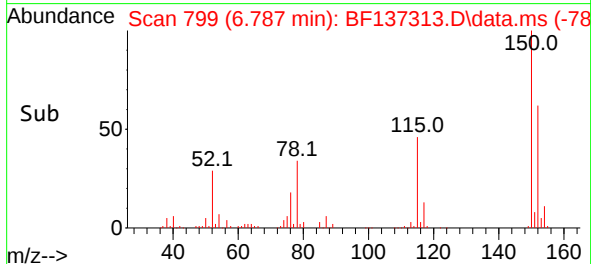
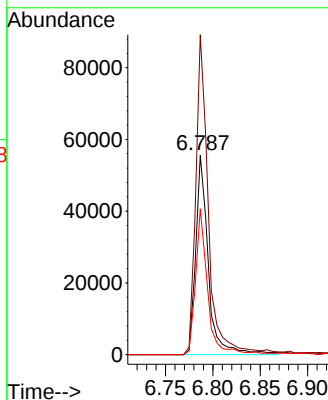
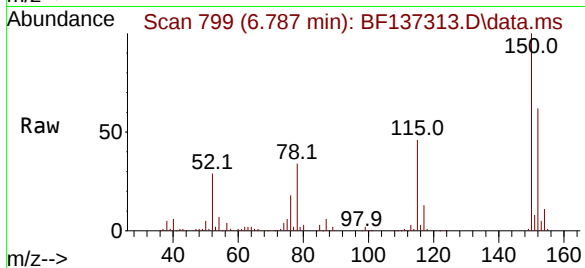




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

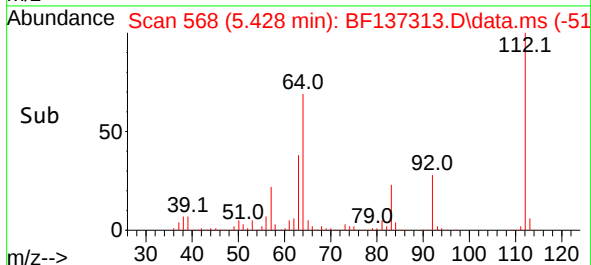
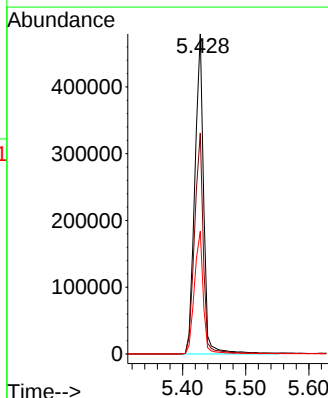
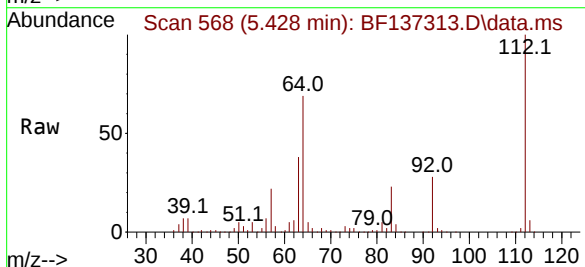
Instrument :
BNA_F
ClientSampleId :
PB158865BL

Tgt Ion:152 Resp: 52040
Ion Ratio Lower Upper
152 100
150 160.5 129.8 194.8
115 73.2 58.5 87.7



#5
2-Fluorophenol
Concen: 147.725 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

Tgt Ion:112 Resp: 465893
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.6
63 38.4 31.4 47.0





#7
Phenol-d6
Concen: 133.042 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

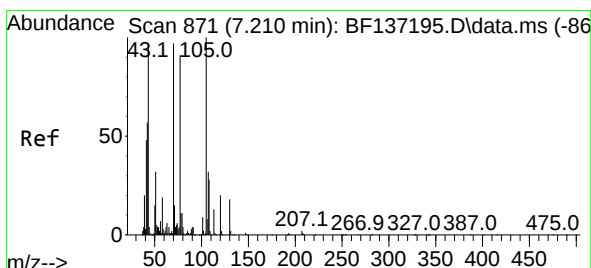
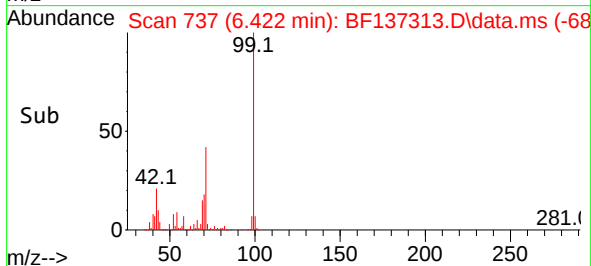
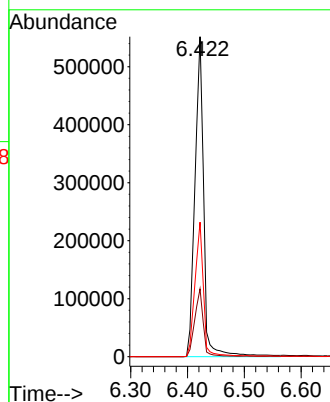
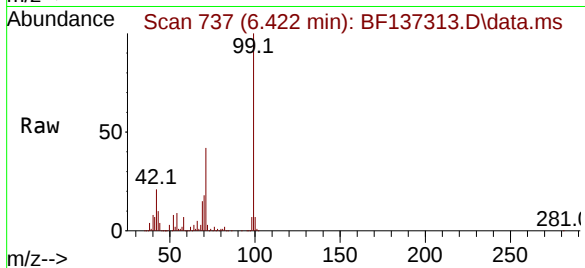
Instrument :

BNA_F

ClientSampleId :

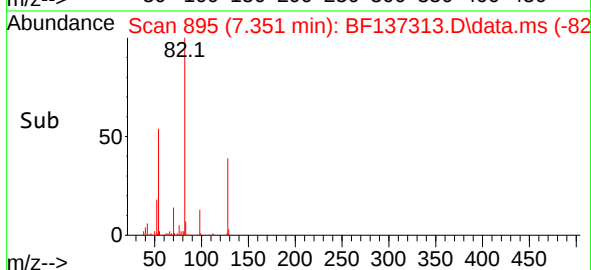
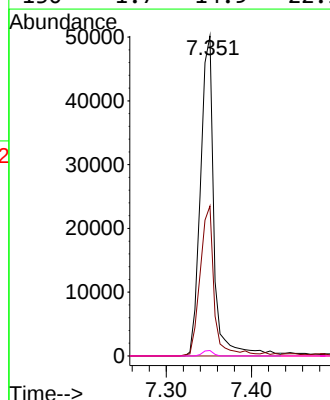
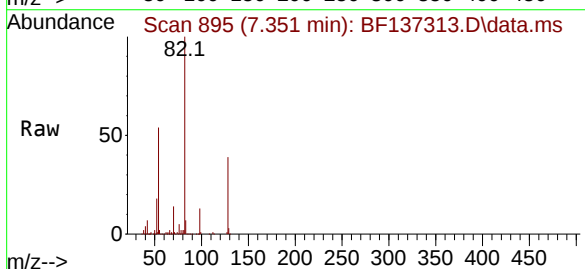
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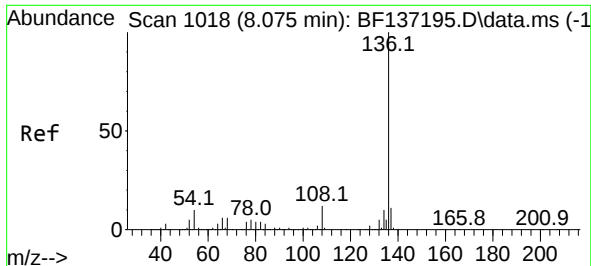
Tgt Ion: 99 Resp: 598792
Ion Ratio Lower Upper
99 100
42 21.2 16.4 24.6
71 42.1 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.912 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

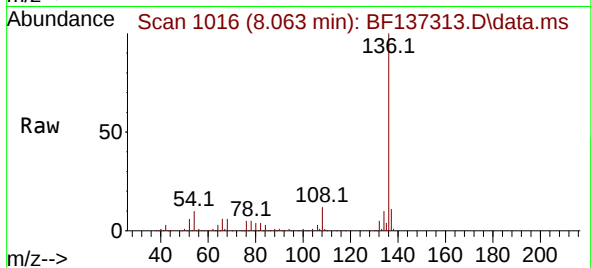
Tgt Ion: 70 Resp: 55277
Ion Ratio Lower Upper
70 100
42 46.9 47.2 70.8#
101 0.0 7.4 11.0#
130 1.7 14.9 22.3#





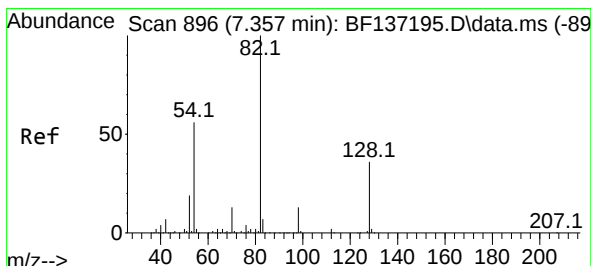
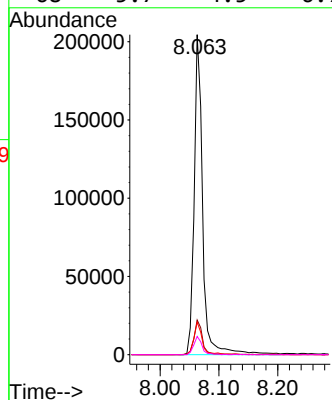
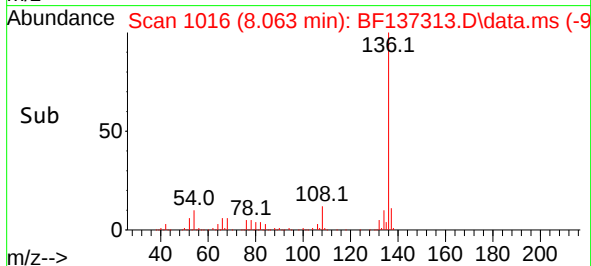
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

Instrument :
BNA_F
ClientSampleId :
PB158865BL

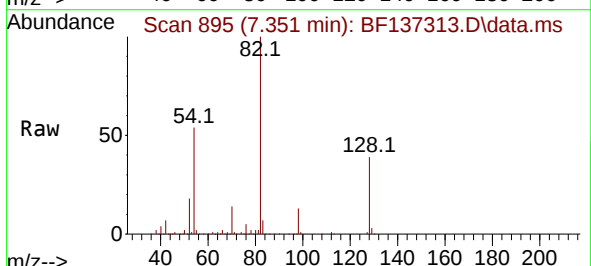


Tgt Ion:136 Resp: 205681

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.1	7.8	11.8
68	5.7	4.5	6.7

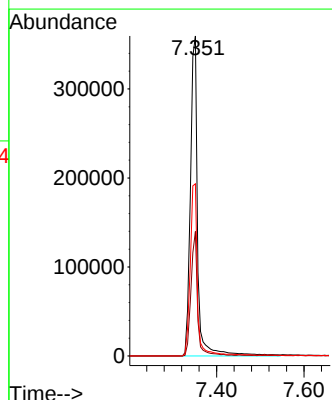
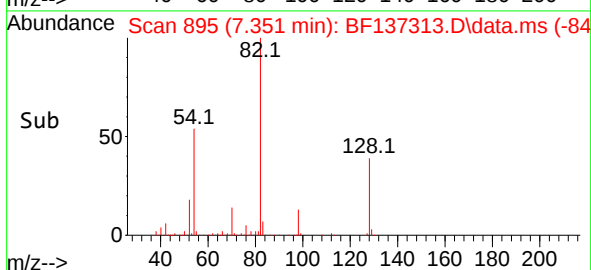


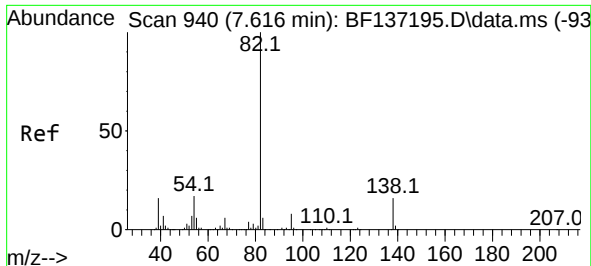
#23
Nitrobenzene-d5
Concen: 89.861 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15



Tgt Ion: 82 Resp: 412822

Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.1	43.7
54	53.8	45.0	67.6

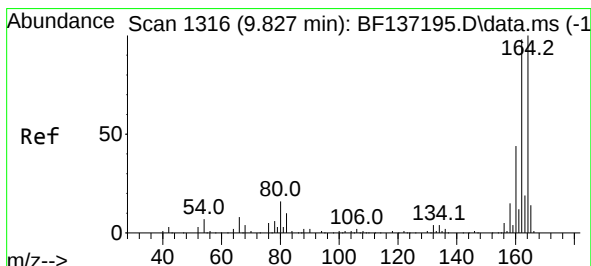
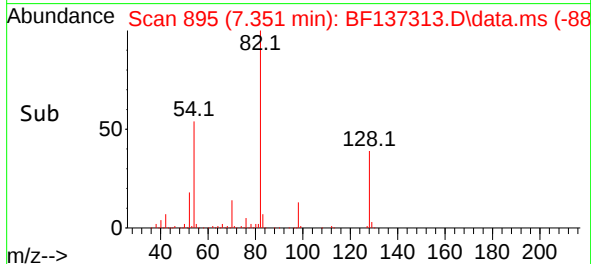
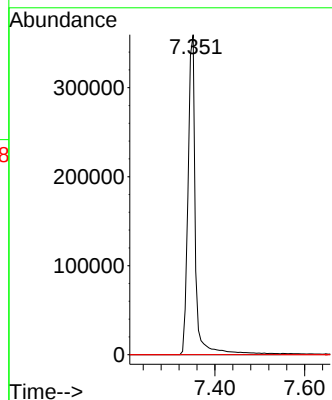
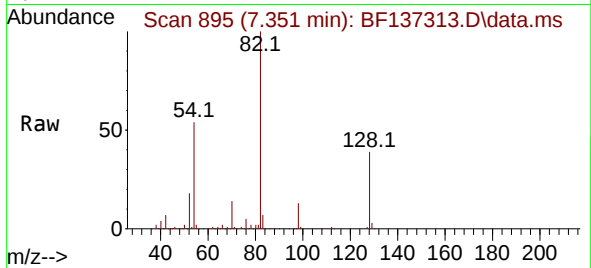




#25
Isophorone
Concen: 48.684 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

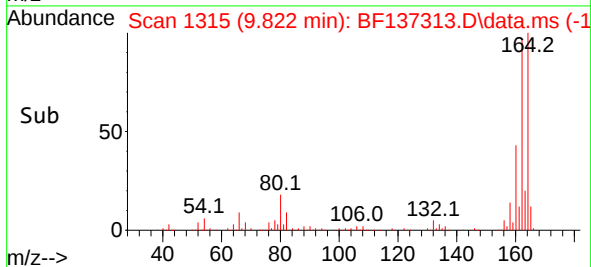
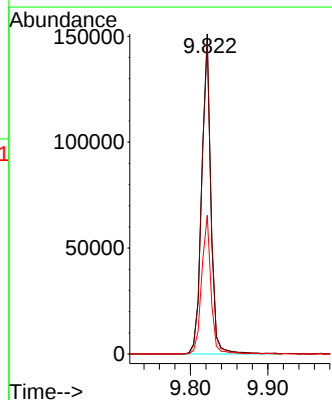
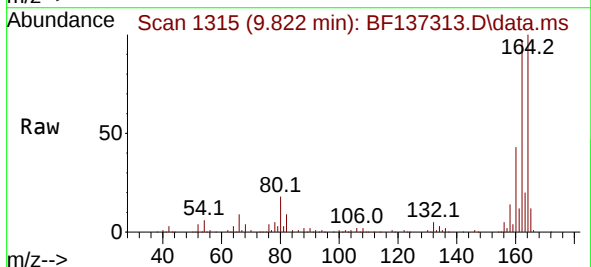
Instrument :
BNA_F
ClientSampleId :
PB158865BL

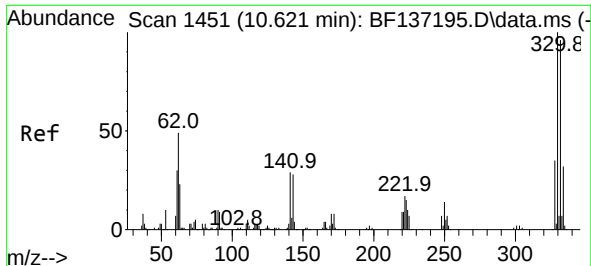
Tgt Ion: 82 Resp: 412819
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

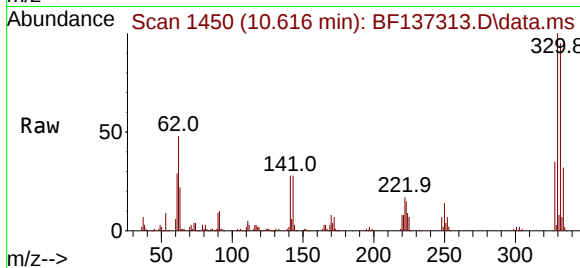
Tgt Ion:164 Resp: 123927
Ion Ratio Lower Upper
164 100
162 97.3 78.3 117.5
160 43.3 35.4 53.2



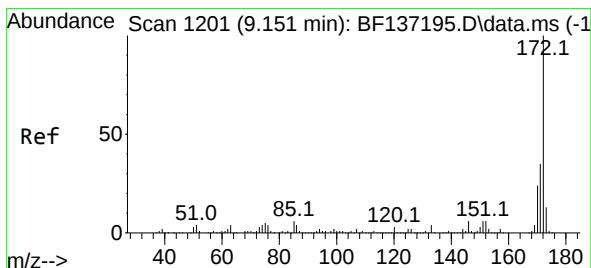
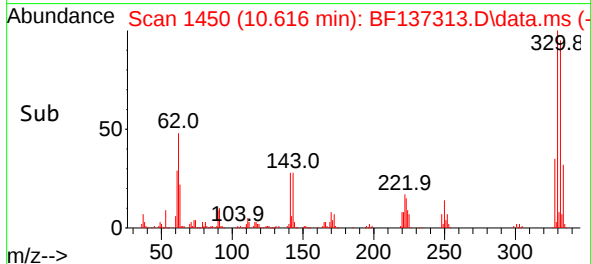
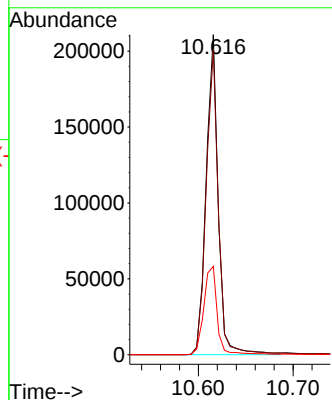


#42
2,4,6-Tribromophenol
Concen: 133.411 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

Instrument :
BNA_F
ClientSampleId :
PB158865BL

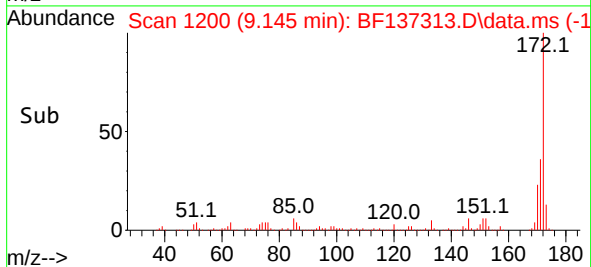
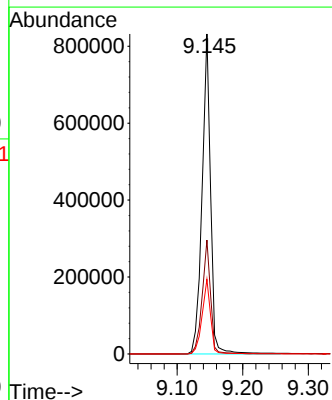
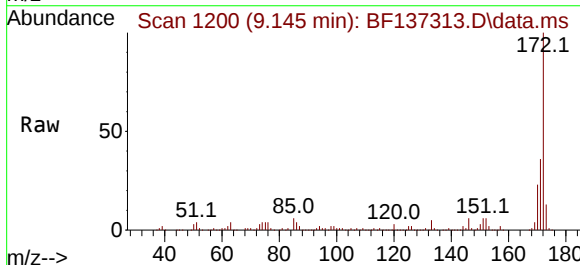


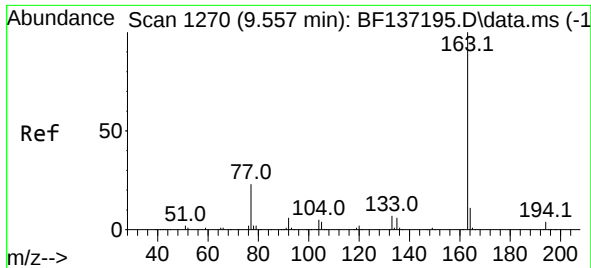
Tgt Ion:330 Resp: 186719
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 31.1 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 83.656 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

Tgt Ion:172 Resp: 754163
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.4 19.1 28.7

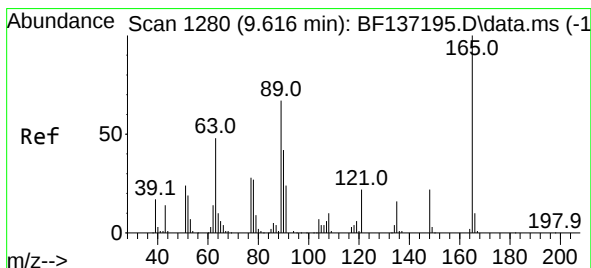
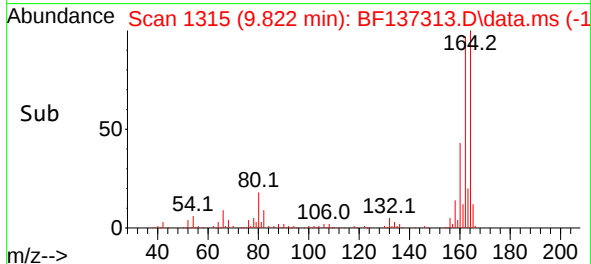
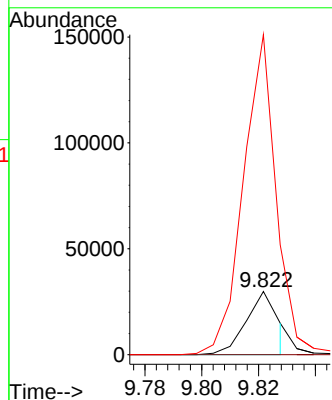
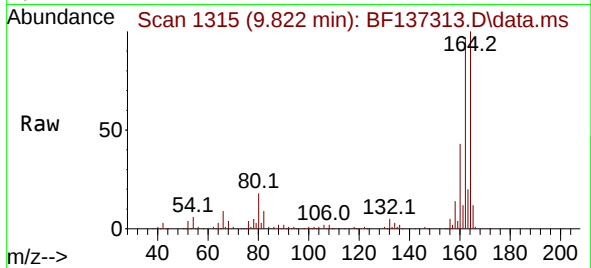




#50
Dimethylphthalate
Concen: 2.763 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

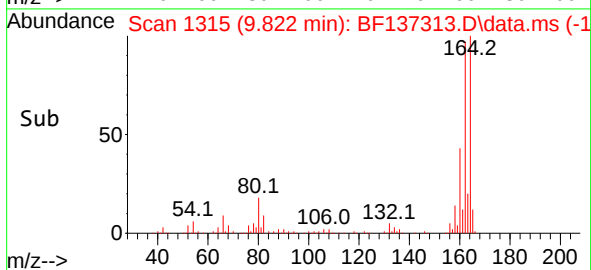
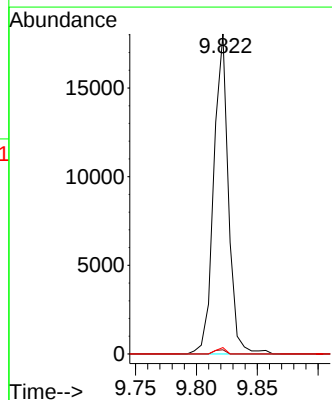
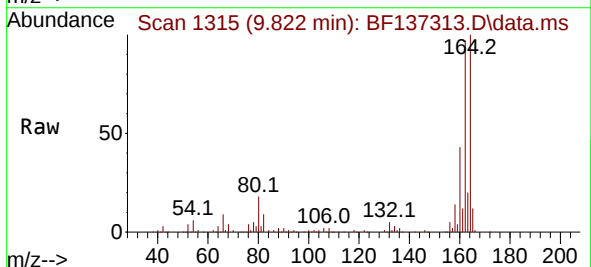
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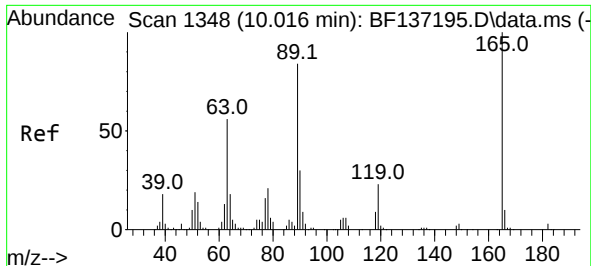
Tgt Ion:163 Resp: 23135
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 506.1 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.468 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

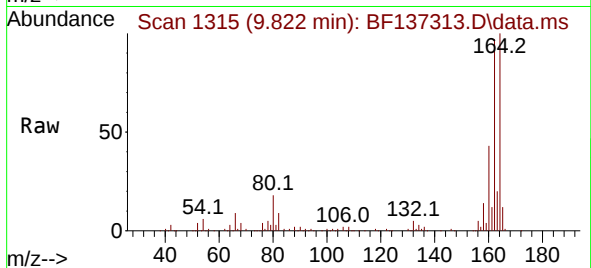
Tgt Ion:165 Resp: 15118
Ion Ratio Lower Upper
165 100
63 1.3 55.1 82.7#
89 2.0 53.5 80.3#



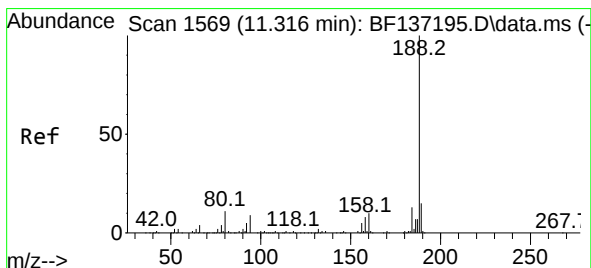
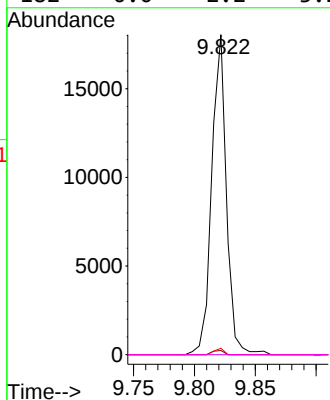
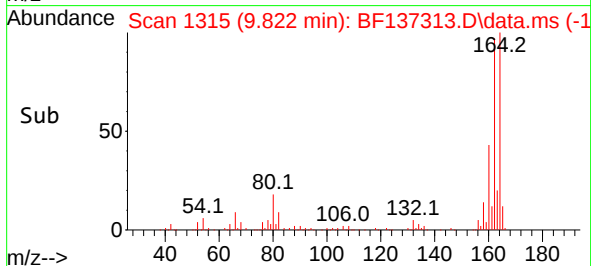


#57
2,4-Dinitrotoluene
Concen: 6.526 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

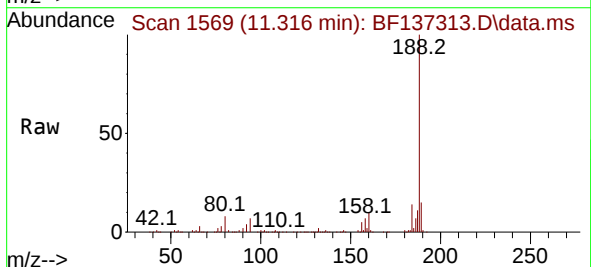
Instrument :
BNA_F
ClientSampleId :
PB158865BL



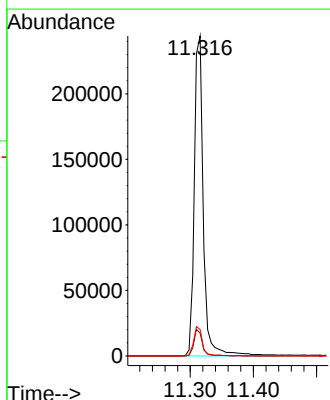
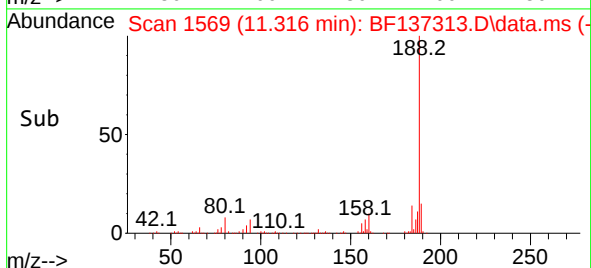
Tgt Ion:165 Resp: 15118
Ion Ratio Lower Upper
165 100
63 1.3 46.1 69.1#
89 2.0 67.5 101.3#
182 0.0 2.2 3.2#

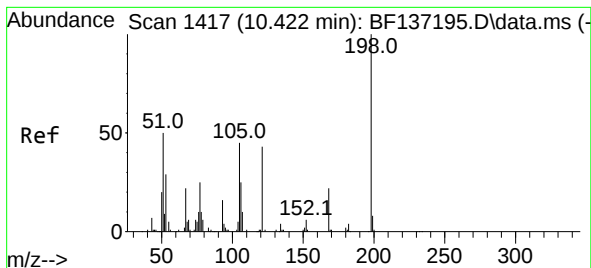


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15



Tgt Ion:188 Resp: 243439
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 8.3 8.8 13.2#

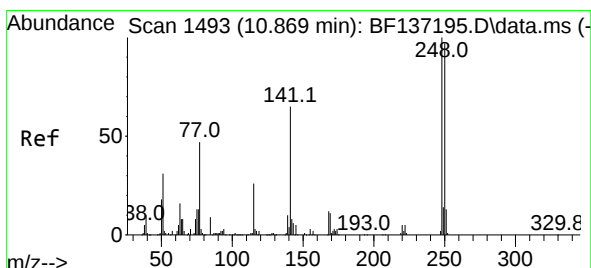
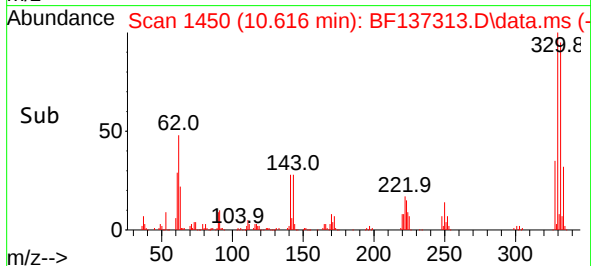
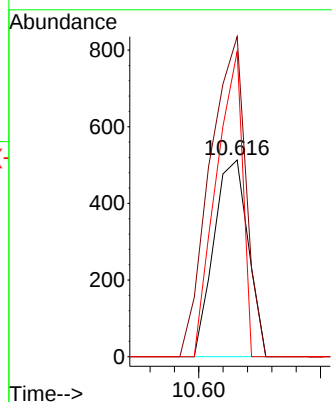
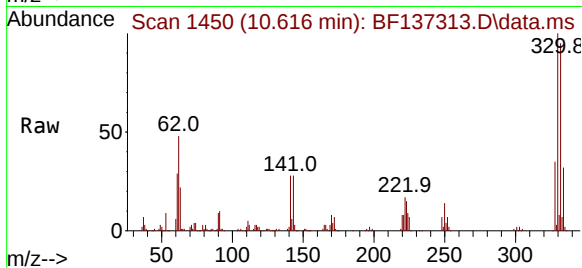




#65
4,6-Dinitro-2-methylphenol
Concen: 5.800 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.194 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

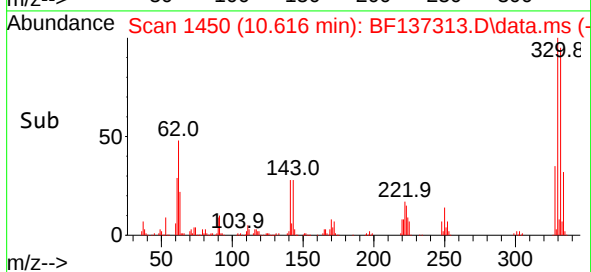
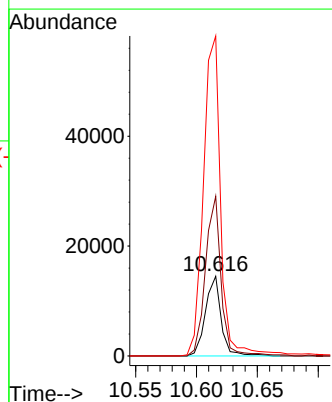
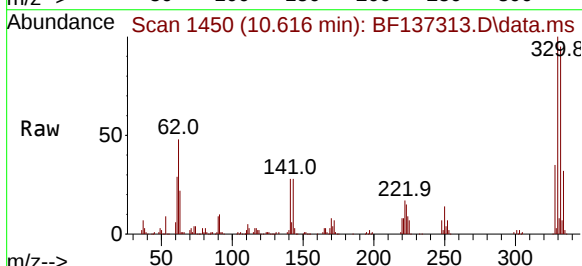
Instrument :
BNA_F
ClientSampleId :
PB158865BL

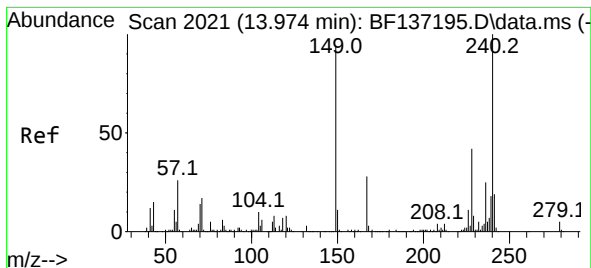
Tgt Ion:198 Resp: 503
Ion Ratio Lower Upper
198 100
51 162.8 40.9 80.9#
105 155.2 26.5 66.5#



#67
4-Bromophenyl-phenylether
Concen: 4.867 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

Tgt Ion:248 Resp: 13029
Ion Ratio Lower Upper
248 100
250 200.3 77.7 116.5#
141 401.5 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137313.D

Acq: 07 Feb 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB158865BL

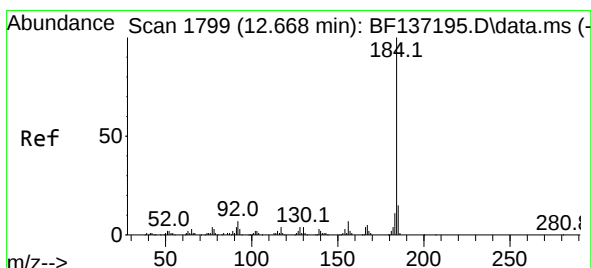
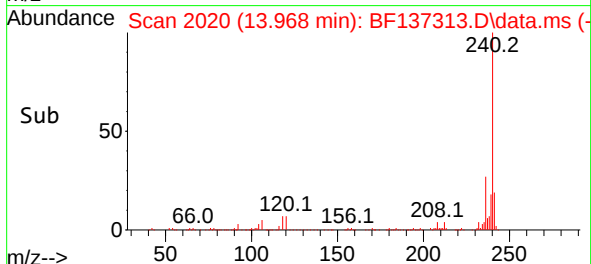
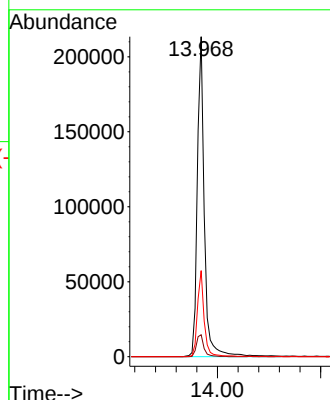
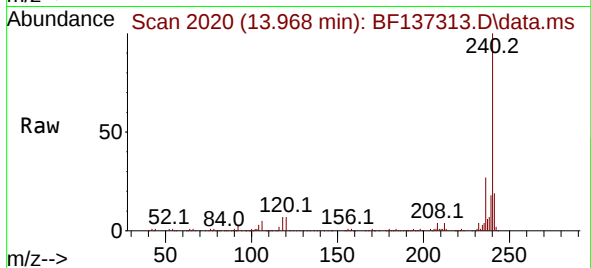
Tgt Ion:240 Resp: 201893

Ion Ratio Lower Upper

240 100

120 6.8 6.3 9.5

236 26.9 20.3 30.5



#77

Benzidine

Concen: 3.497 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.248 min

Lab File: BF137313.D

Acq: 07 Feb 2024 11:15

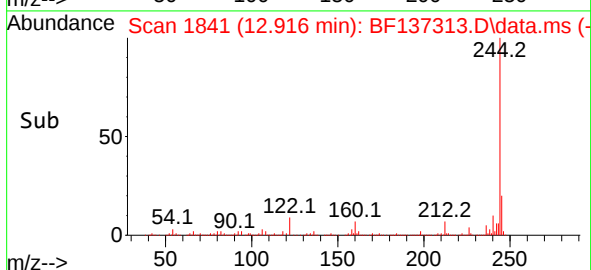
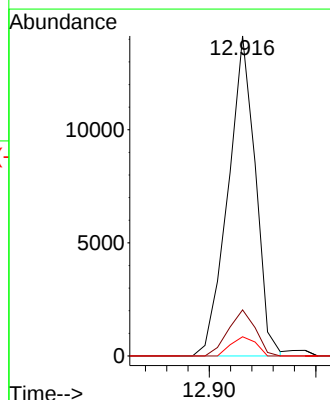
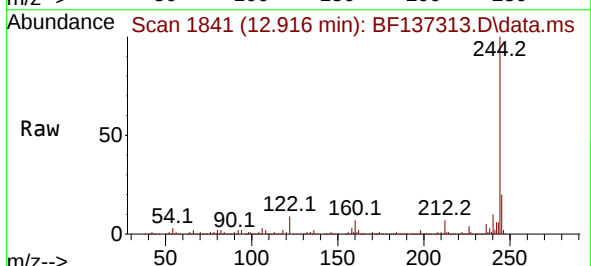
Tgt Ion:184 Resp: 12644

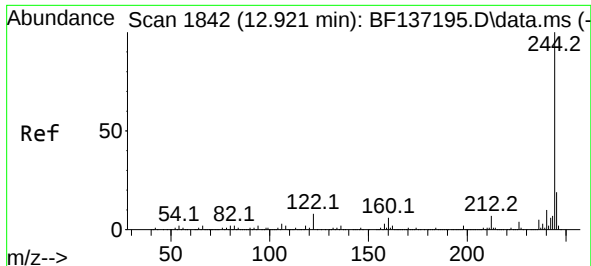
Ion Ratio Lower Upper

184 100

185 14.4 11.9 17.9

183 6.0 8.8 13.2#

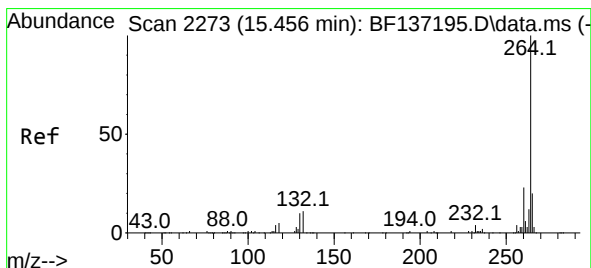
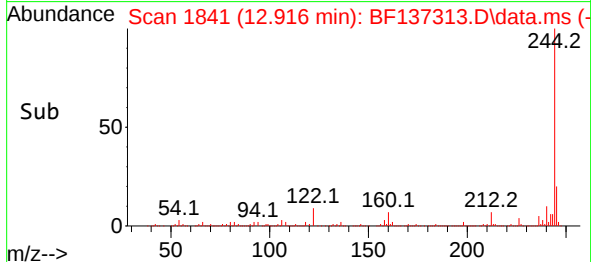
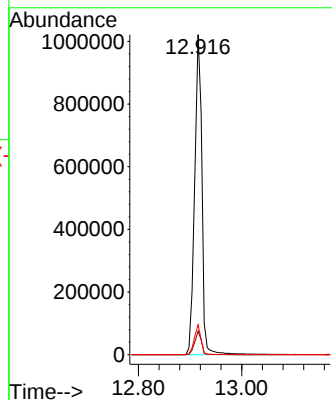
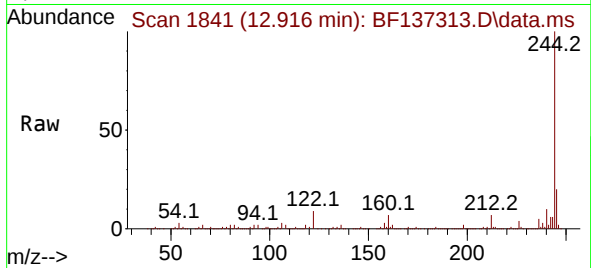




#79
 Terphenyl-d14
 Concen: 67.164 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137313.D
 Acq: 07 Feb 2024 11:15

Instrument :
 BNA_F
 ClientSampleId :
 PB158865BL

Tgt Ion:244 Resp: 997455
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 9.3 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF137313.D
 Acq: 07 Feb 2024 11:15

Tgt Ion:264 Resp: 177605
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.4
 265 21.3 16.2 24.2

