

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137267.D
 Acq On : 02 Feb 2024 21:15
 Operator : CG\JU
 Sample : P1334-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-020124

Quant Time: Feb 02 22:45:43 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)

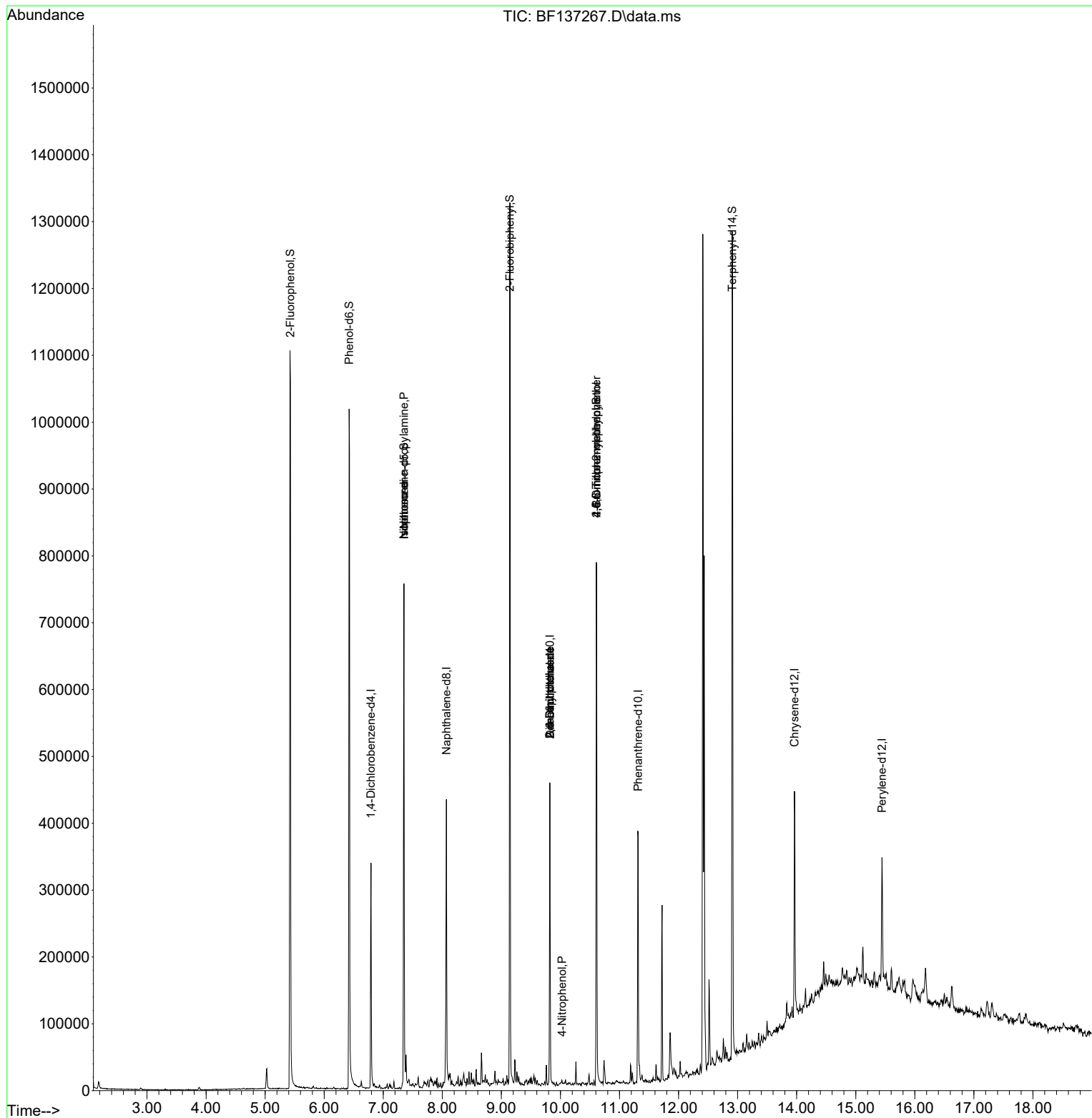
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	47037	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	166572	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	81784	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	155407	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	125591	20.000	ng	-0.01
86) Perylene-d12	15.445	264	94828	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	301966	105.931	ng	0.01
7) Phenol-d6	6.422	99	365174	89.766	ng	0.00
23) Nitrobenzene-d5	7.351	82	240539	64.653	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	94105	101.886	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	360143	60.535	ng	0.00
79) Terphenyl-d14	12.910	244	471118	50.996	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	33896	12.152	ng	# 78
25) Isophorone	7.351	82	240537	35.027	ng	# 68
50) Dimethylphthalate	9.822	163	14747	2.669	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	10674	9.060	ng	# 19
56) 4-Nitrophenol	10.028	139	134	8.642	ng	# 62
57) 2,4-Dinitrotoluene	9.822	165	10674	6.982	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	201	5.671	ng	84
67) 4-Bromophenyl-phenylether	10.610	248	6597	3.861	ng	# 1

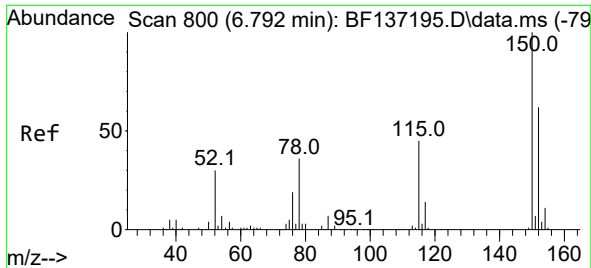
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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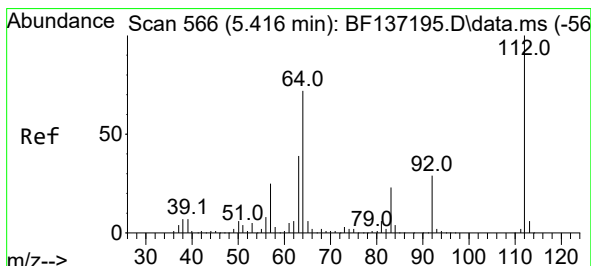
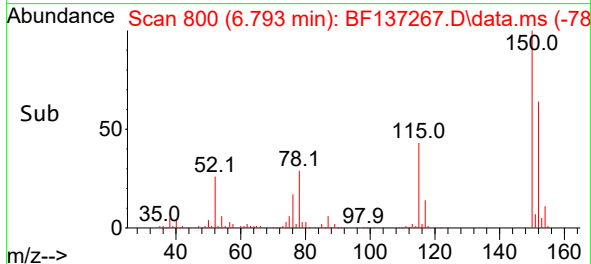
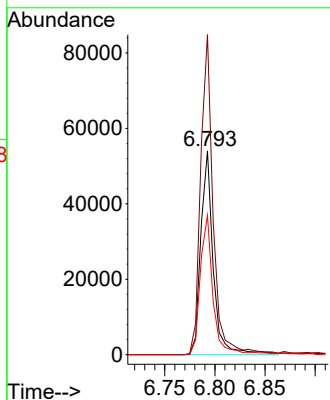
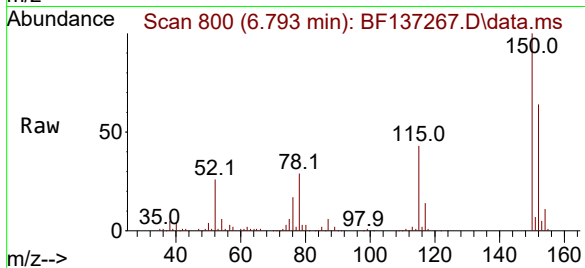




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

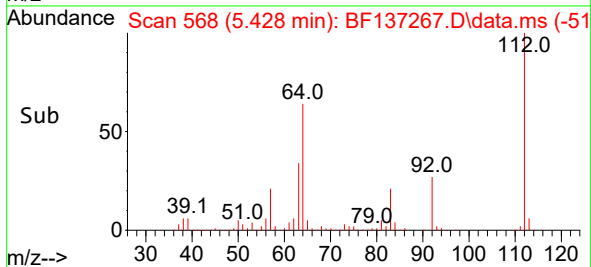
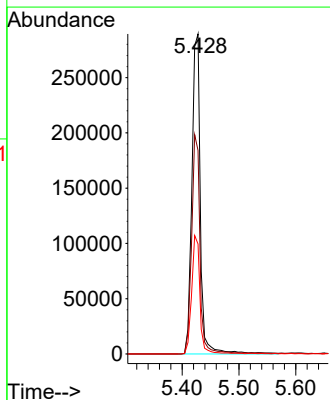
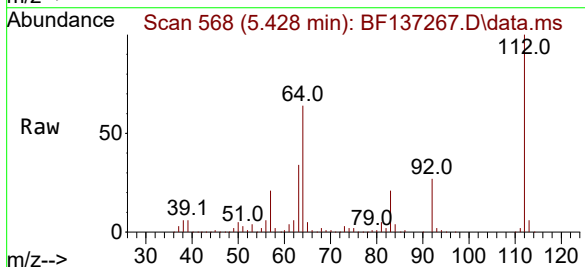
Instrument :
BNA_F
ClientSampleId :
HR-03-020124

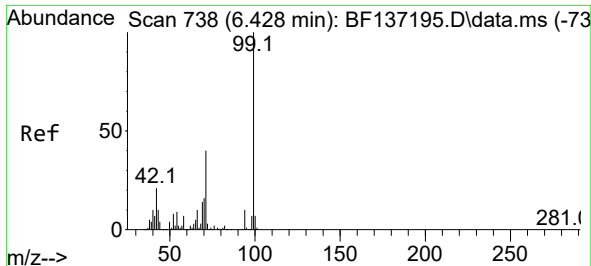
Tgt Ion:152 Resp: 47037
Ion Ratio Lower Upper
152 100
150 157.0 129.8 194.8
115 68.3 58.5 87.7



#5
2-Fluorophenol
Concen: 105.931 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

Tgt Ion:112 Resp: 301966
Ion Ratio Lower Upper
112 100
64 63.6 57.8 86.6
63 34.4 31.4 47.0





#7
Phenol-d6
Concen: 89.766 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

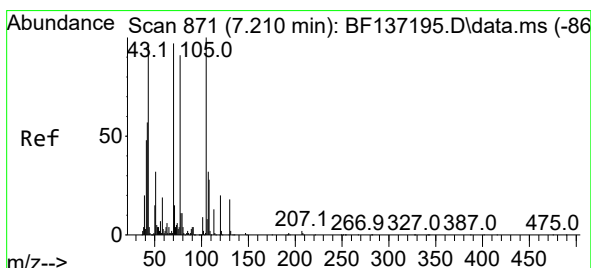
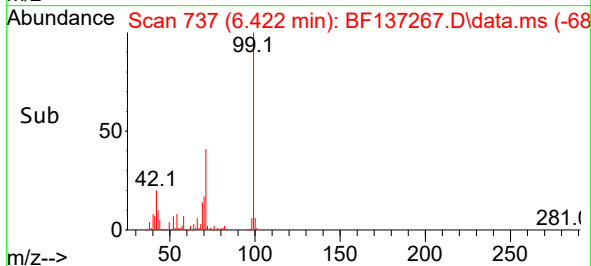
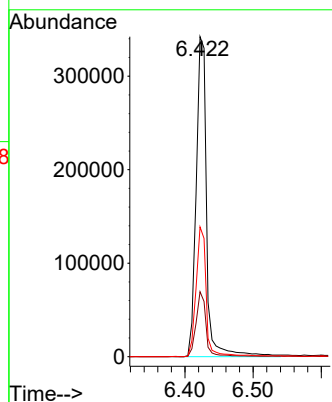
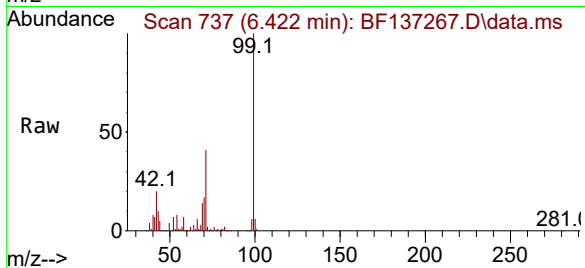
Instrument :

BNA_F

ClientSampleId :

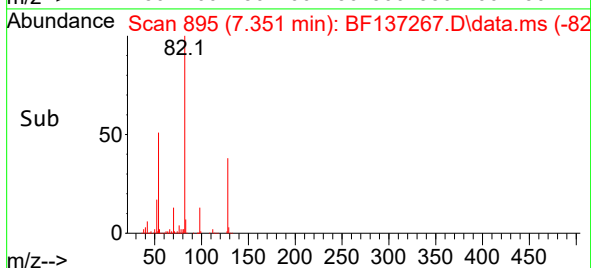
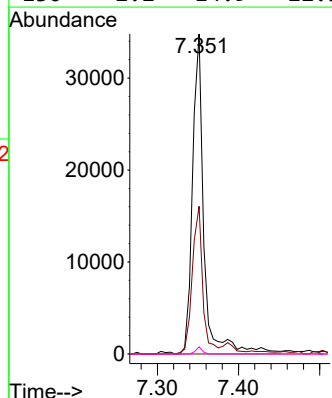
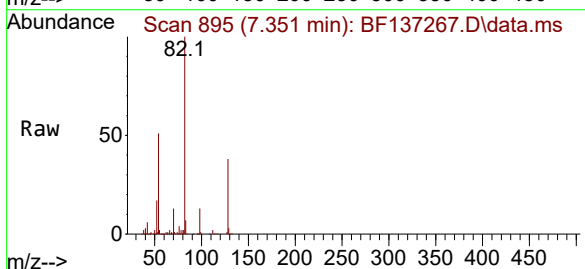
HR-03-020124

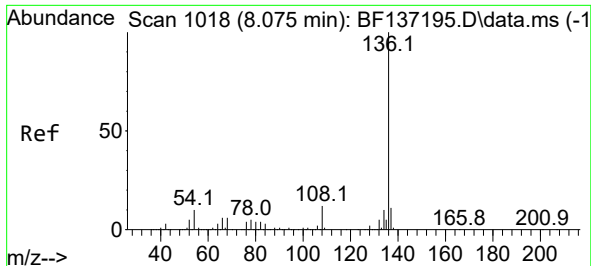
Tgt Ion: 99 Resp: 365174
Ion Ratio Lower Upper
99 100
42 20.3 16.4 24.6
71 40.6 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.152 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

Tgt Ion: 70 Resp: 33896
Ion Ratio Lower Upper
70 100
42 46.2 47.2 70.8#
101 0.0 7.4 11.0#
130 2.2 14.9 22.3#



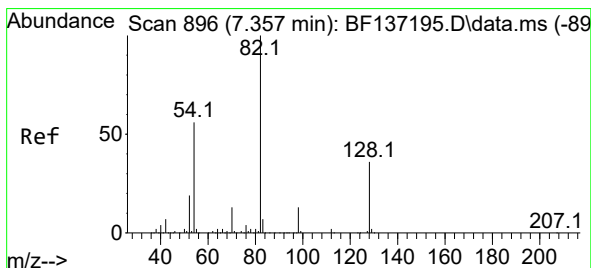
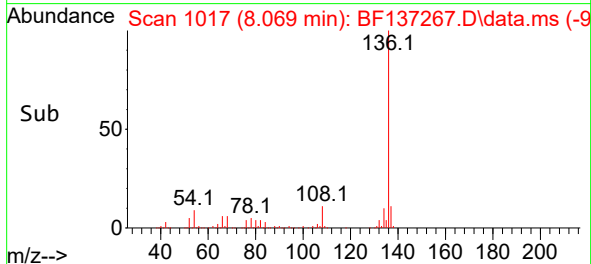
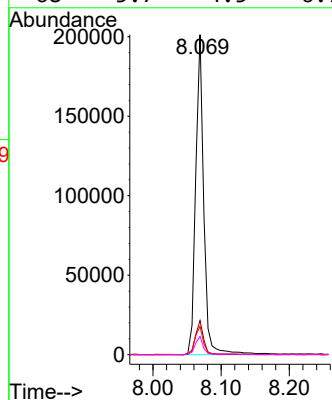
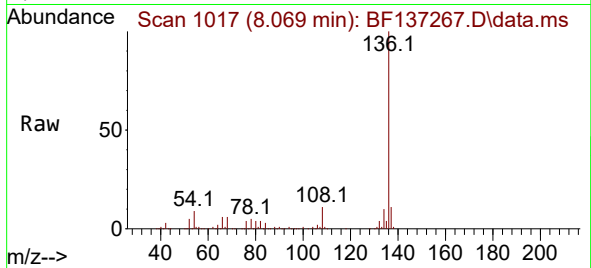


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

Instrument :
BNA_F
ClientSampleId :
HR-03-020124

Tgt Ion:136 Resp: 166572

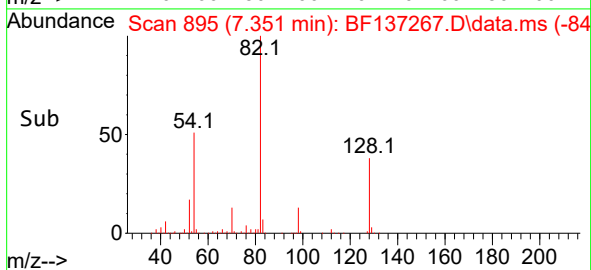
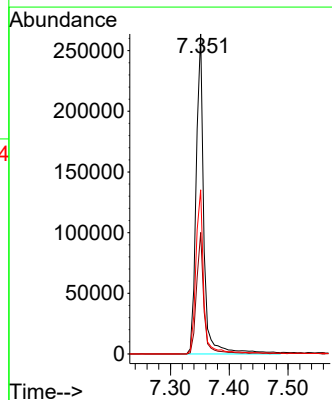
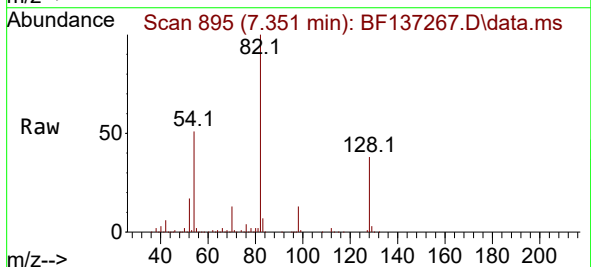
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.8	7.8	11.8
68	5.7	4.5	6.7

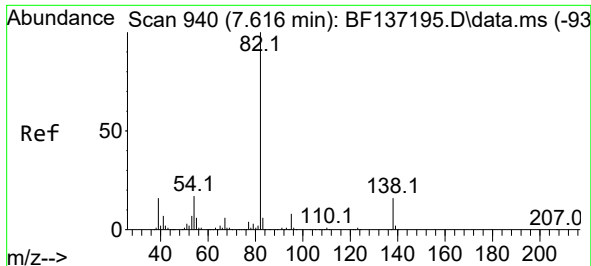


#23
Nitrobenzene-d5
Concen: 64.653 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

Tgt Ion: 82 Resp: 240539

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.1	43.7
54	51.3	45.0	67.6

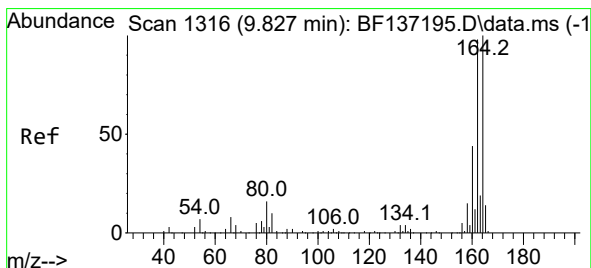
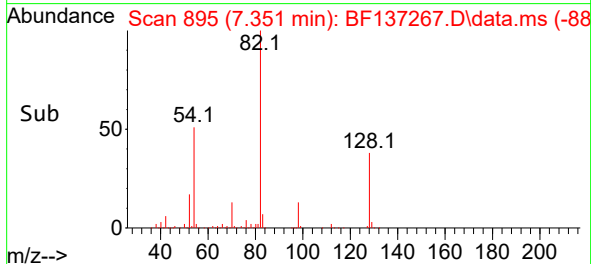
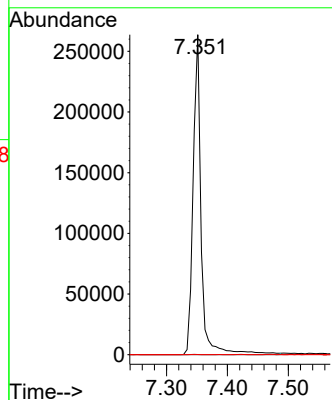
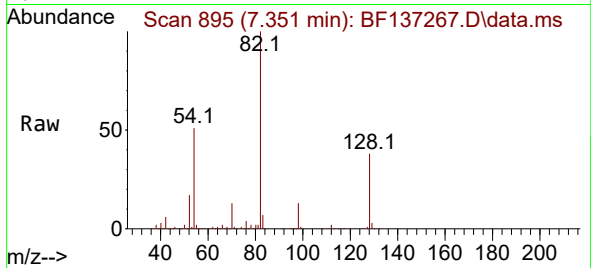




#25
Isophorone
Concen: 35.027 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

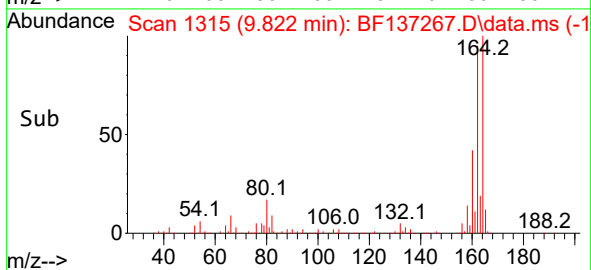
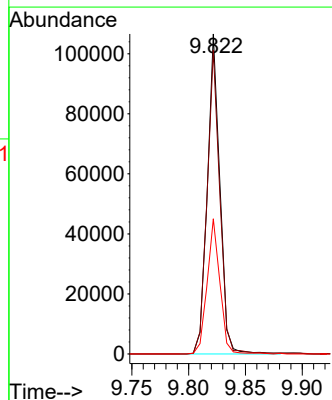
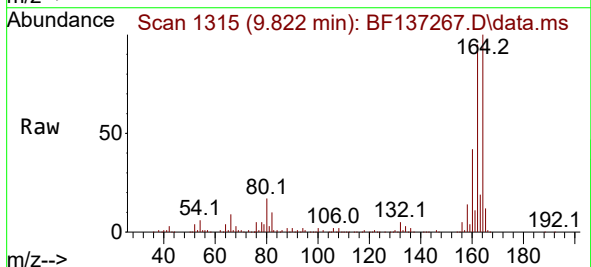
Instrument :
BNA_F
ClientSampleId :
HR-03-020124

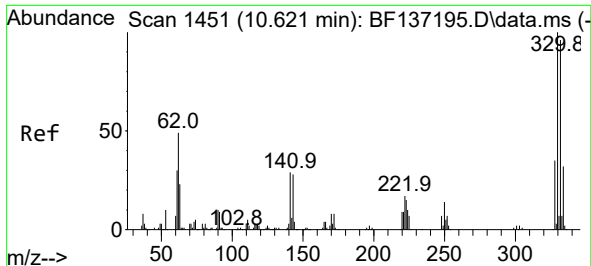
Tgt Ion: 82 Resp: 240537
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

Tgt Ion: 164 Resp: 81784
Ion Ratio Lower Upper
164 100
162 95.0 78.3 117.5
160 42.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 101.886 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF137267.D

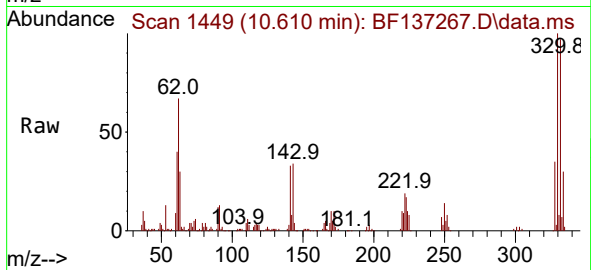
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Instrument :

BNA_F

ClientSampleId :

HR-03-020124



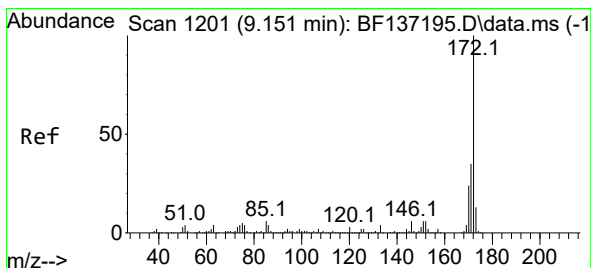
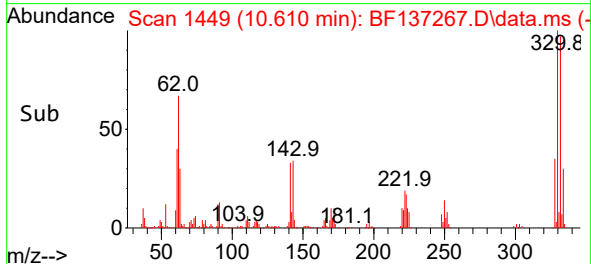
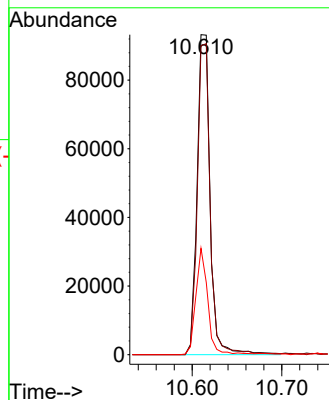
Tgt Ion:330 Resp: 94105

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 30.3 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 60.535 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137267.D

Acq: 02 Feb 2024 21:15

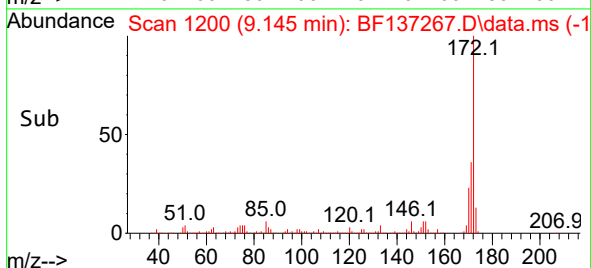
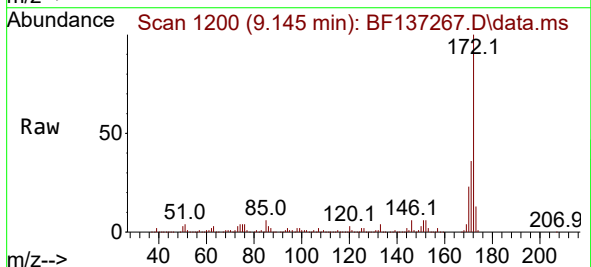
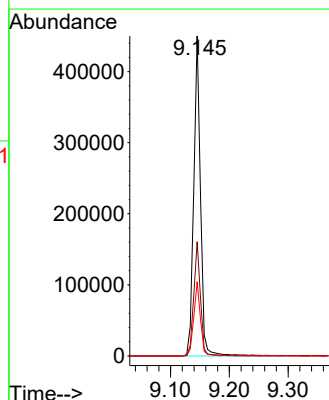
Tgt Ion:172 Resp: 360143

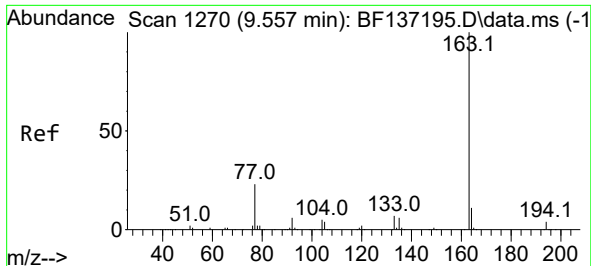
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.2 19.1 28.7

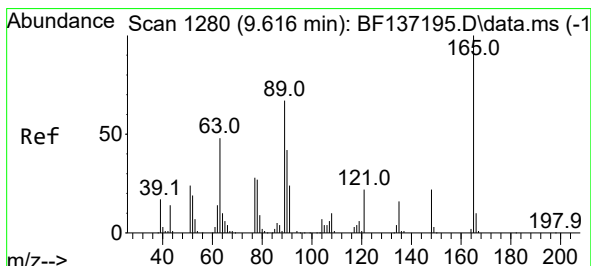
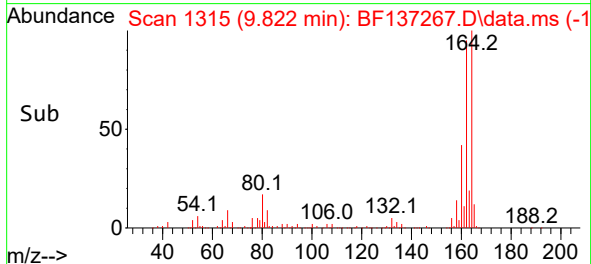
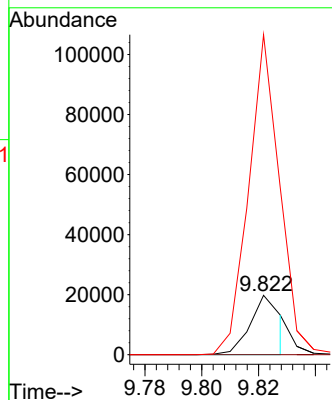
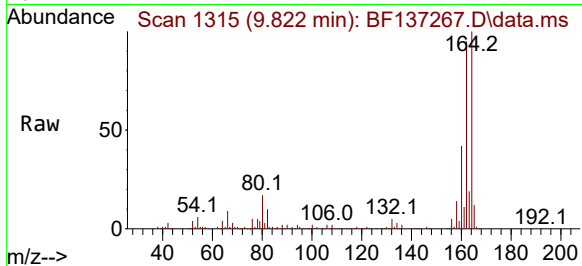




#50
Dimethylphthalate
Concen: 2.669 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

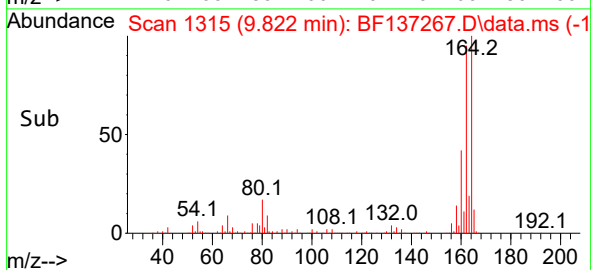
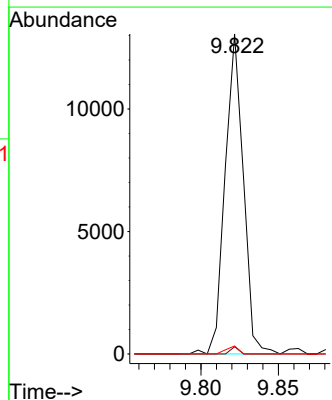
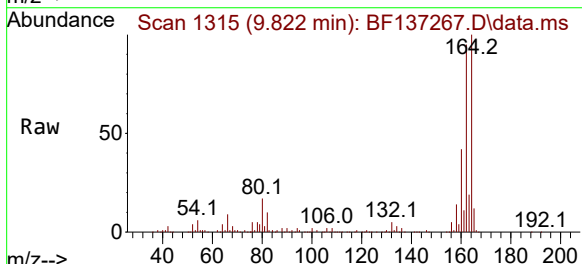
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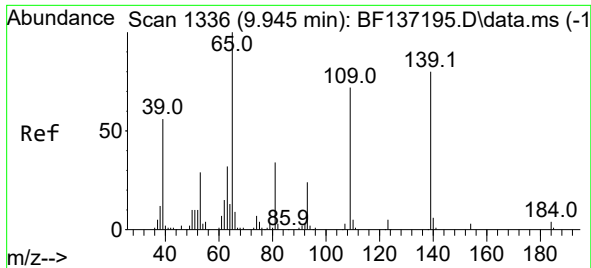
Tgt Ion:163 Resp: 14747
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 539.3 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 9.060 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

Tgt Ion:165 Resp: 10674
Ion Ratio Lower Upper
165 100
63 2.2 55.1 82.7#
89 2.5 53.5 80.3#

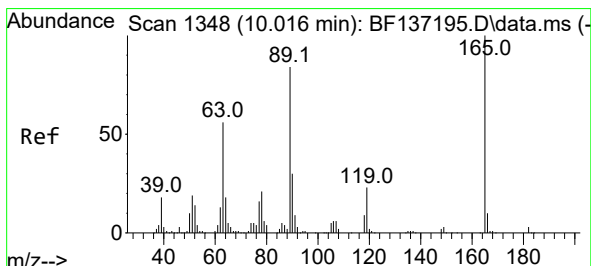
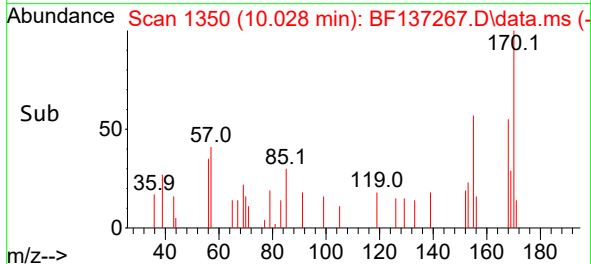
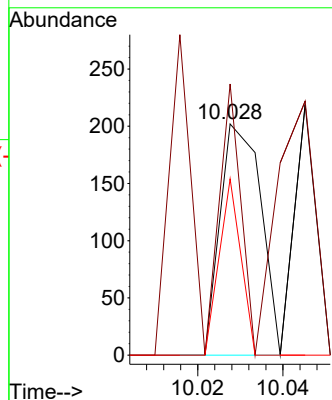
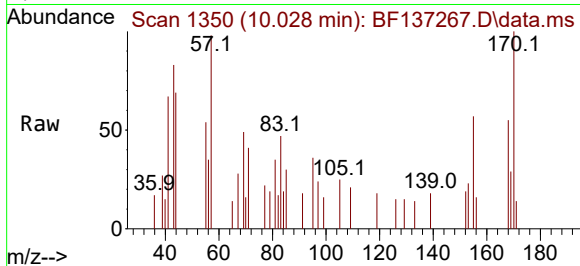




#56
4-Nitrophenol
Concen: 8.642 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.083 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

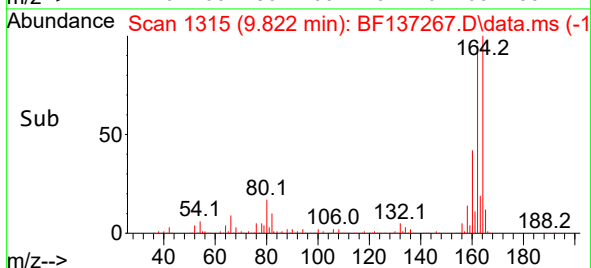
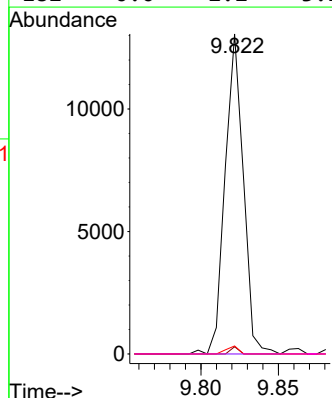
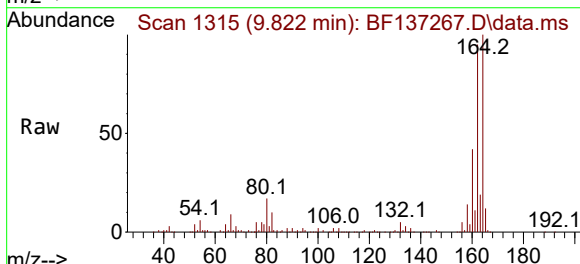
Instrument :
BNA_F
ClientSampleId :
HR-03-020124

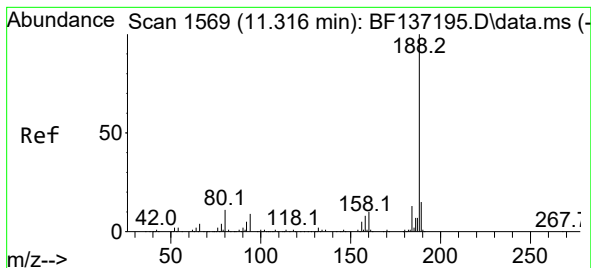
Tgt Ion:139 Resp: 134
Ion Ratio Lower Upper
139 100
109 117.3 70.4 110.4#
65 76.2 107.6 147.6#



#57
2,4-Dinitrotoluene
Concen: 6.982 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

Tgt Ion:165 Resp: 10674
Ion Ratio Lower Upper
165 100
63 2.2 46.1 69.1#
89 2.5 67.5 101.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137267.D

Acq: 02 Feb 2024 21:15

Instrument :

BNA_F

ClientSampleId :

HR-03-020124

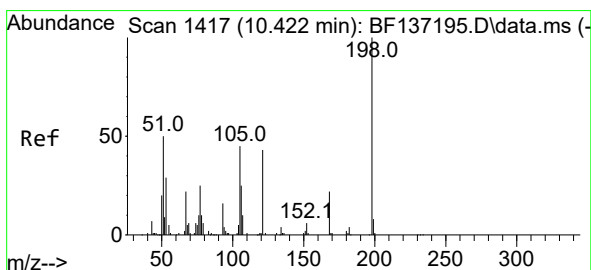
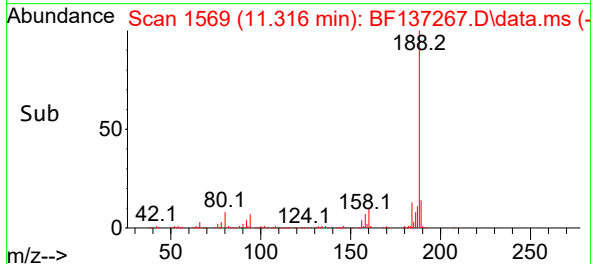
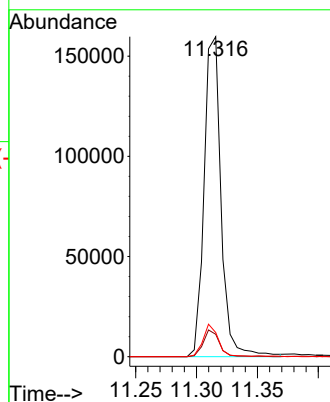
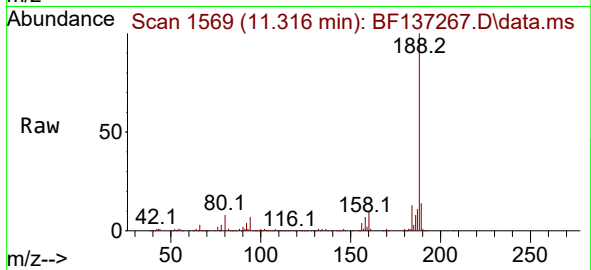
Tgt Ion:188 Resp: 155407

Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.4

80 7.6 8.8 13.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.671 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.188 min

Lab File: BF137267.D

Acq: 02 Feb 2024 21:15

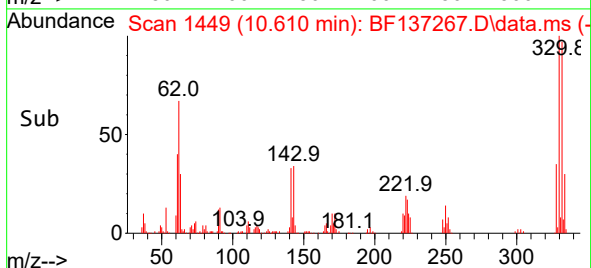
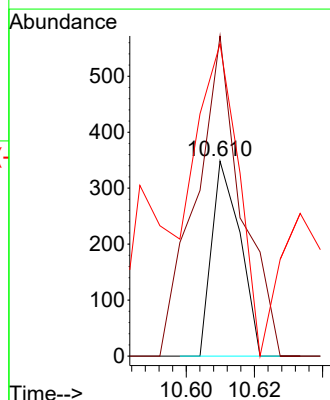
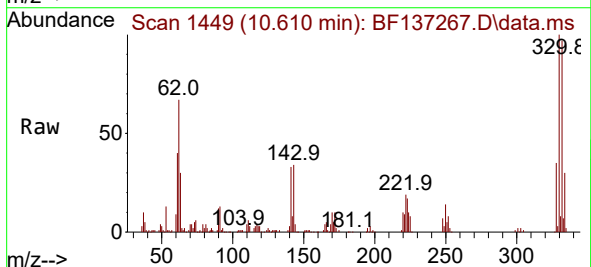
Tgt Ion:198 Resp: 201

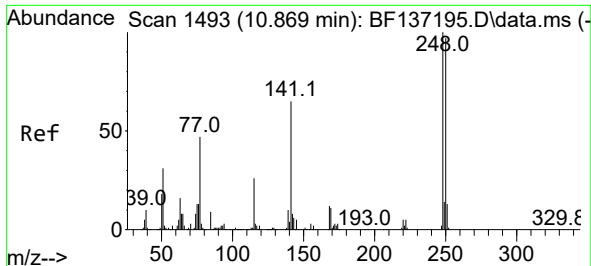
Ion Ratio Lower Upper

198 100

51 43.4 40.9 80.9

105 42.3 26.5 66.5

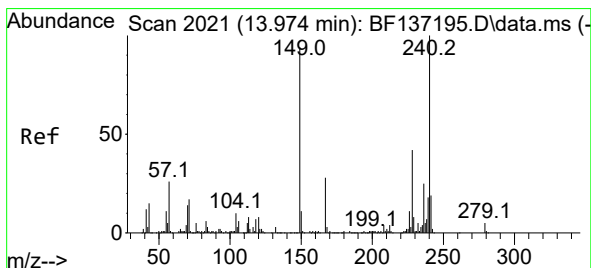
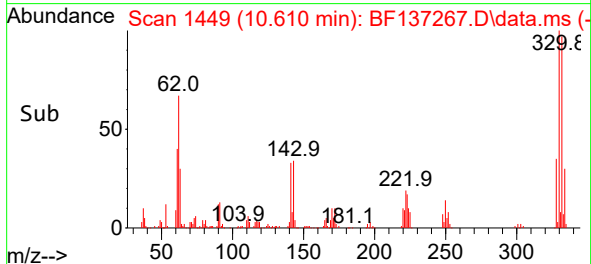
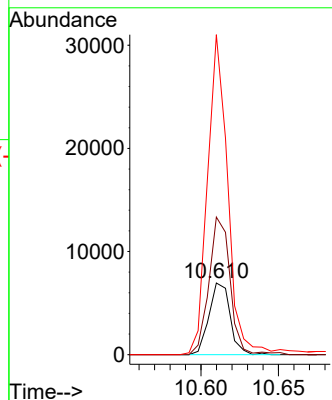
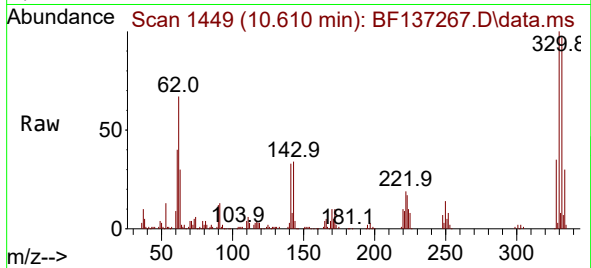




#67
4-Bromophenyl-phenylether
Concen: 3.861 ng
RT: 10.610 min Scan# 1493
Delta R.T. -0.259 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

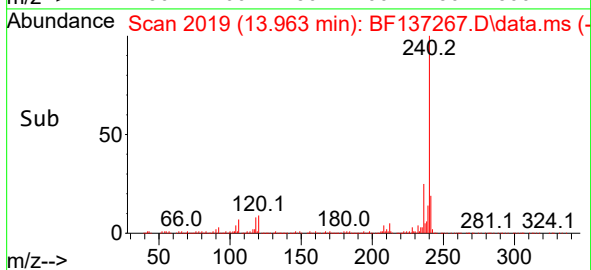
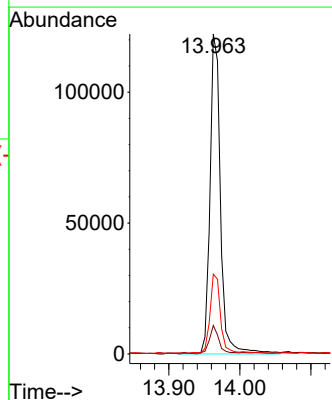
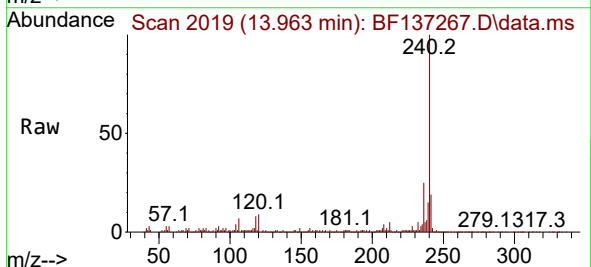
Instrument :
BNA_F
ClientSampleId :
HR-03-020124

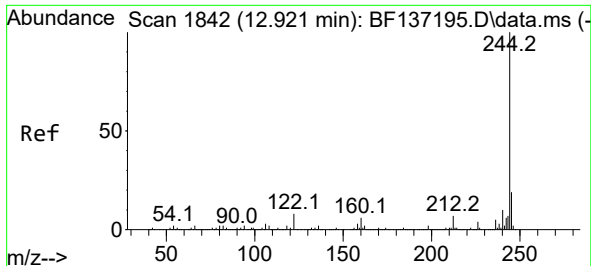
Tgt Ion:248 Resp: 6597
Ion Ratio Lower Upper
248 100
250 192.0 77.7 116.5#
141 446.3 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137267.D
Acq: 02 Feb 2024 21:15

Tgt Ion:240 Resp: 125591
Ion Ratio Lower Upper
240 100
120 8.9 6.3 9.5
236 25.0 20.3 30.5

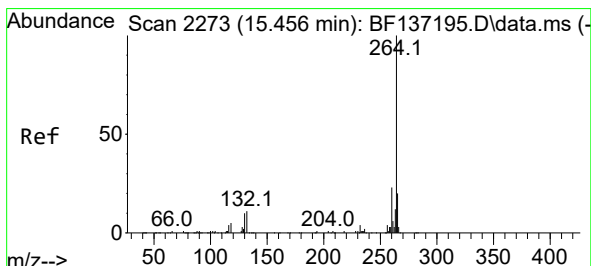
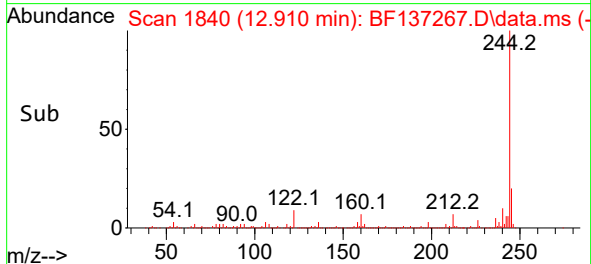
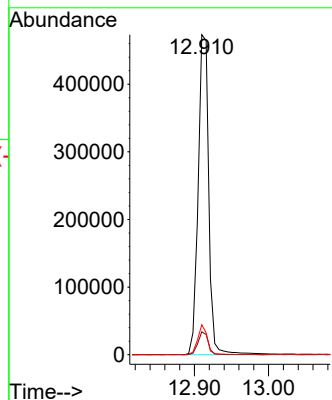
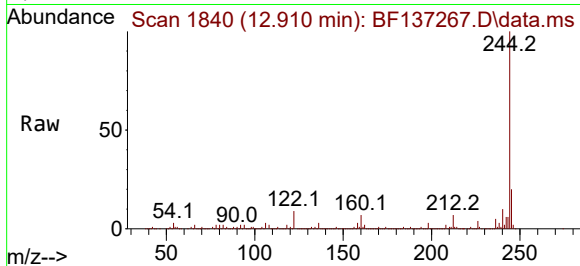




#79
 Terphenyl-d14
 Concen: 50.996 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137267.D
 Acq: 02 Feb 2024 21:15

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-020124

Tgt Ion:244 Resp: 471118
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.4 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137267.D
 Acq: 02 Feb 2024 21:15

Tgt Ion:264 Resp: 94828
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.4
 265 22.0 16.2 24.2

