

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
 Data File : BF137042.D
 Acq On : 11 Jan 2024 18:15
 Operator : CG\JU
 Sample : SP6396
 Misc : 8270 SURROGATES
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6396

Quant Time: Jan 11 23:55:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

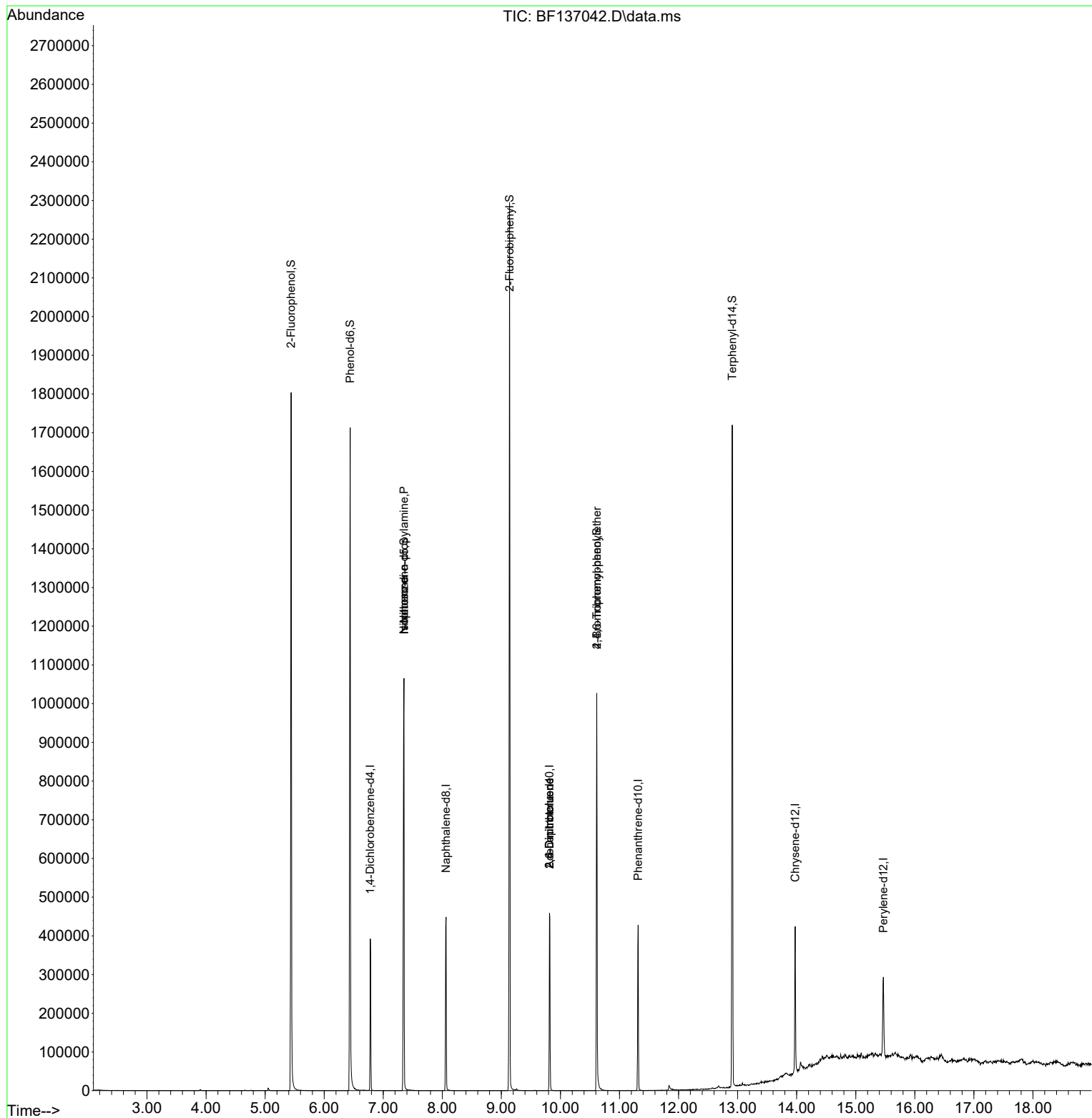
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	59026	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	213980	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	98210	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	162486	20.000	ng	0.00
76) Chrysene-d12	13.974	240	129347	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	105434	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	491264	129.860	ng	0.01
7) Phenol-d6	6.439	99	590821	120.529	ng	0.00
23) Nitrobenzene-d5	7.351	82	361024	86.335	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	131337	113.550	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	707124	96.841	ng	-0.01
79) Terphenyl-d14	12.910	244	630034	68.069	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	46713	15.720	ng	# 70
25) Isophorone	7.351	82	359783	47.284	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	12799	7.862	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	12799	6.056	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	7621	4.223	ng	# 1

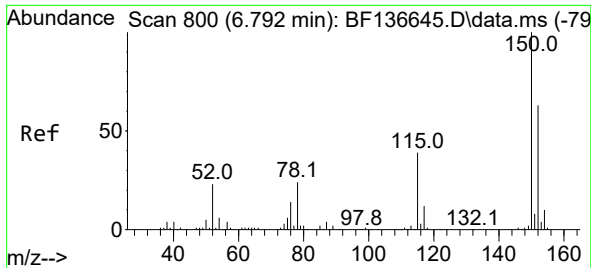
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:54:25 2023
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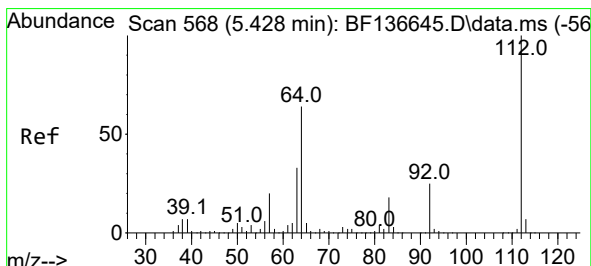
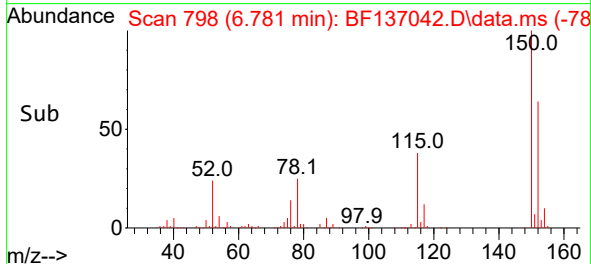
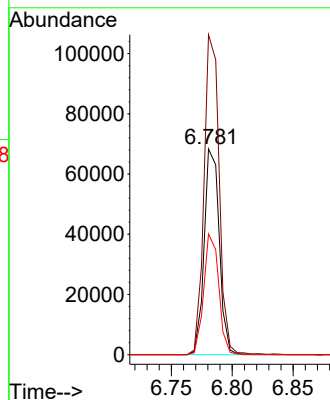
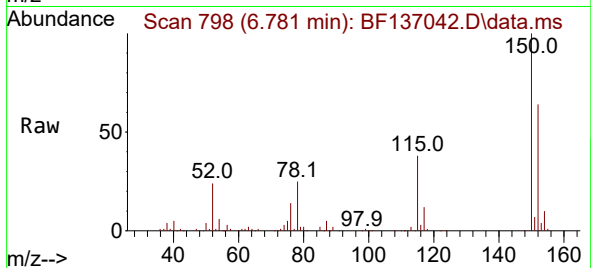




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137042.D
Acq: 11 Jan 2024 18:15

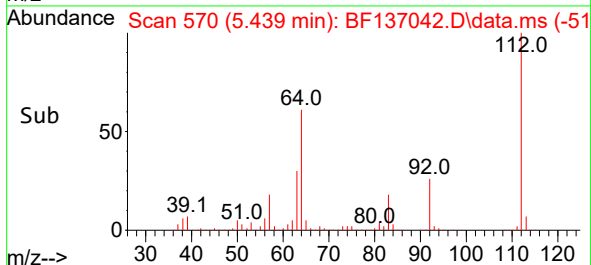
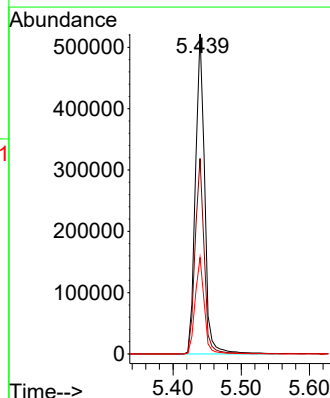
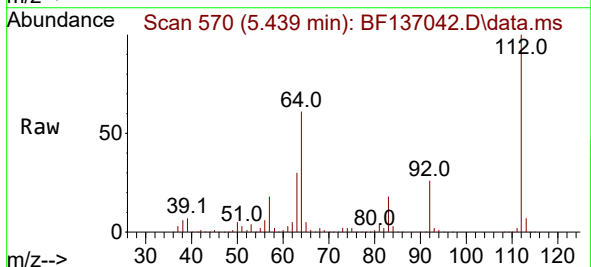
Instrument :
BNA_F
ClientSampleId :
SP6396

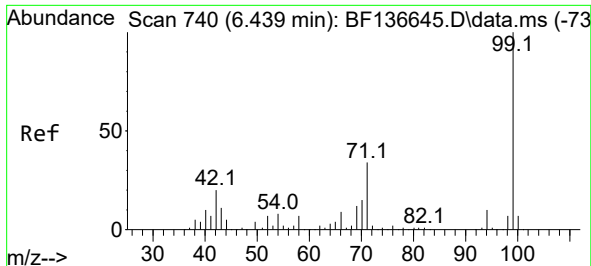
Tgt Ion:152 Resp: 59026
Ion Ratio Lower Upper
152 100
150 155.5 127.0 190.6
115 58.7 49.0 73.4



#5
2-Fluorophenol
Concen: 129.860 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF137042.D
Acq: 11 Jan 2024 18:15

Tgt Ion:112 Resp: 491264
Ion Ratio Lower Upper
112 100
64 61.1 51.1 76.7
63 30.1 26.1 39.1

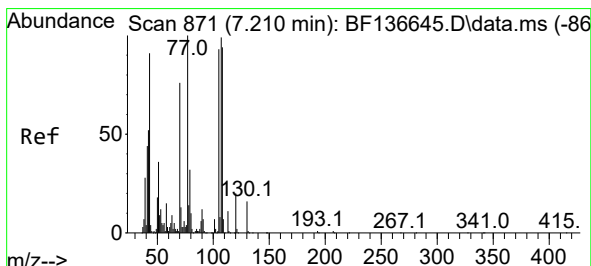
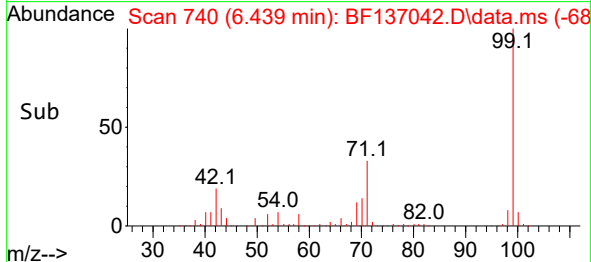
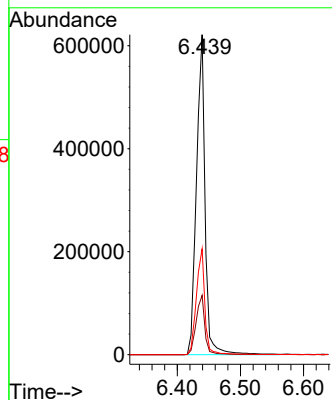
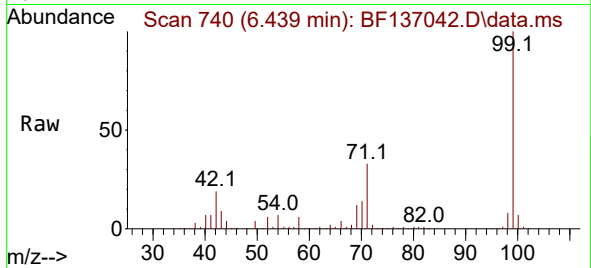




#7
Phenol-d6
Concen: 120.529 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF137042.D
Acq: 11 Jan 2024 18:15

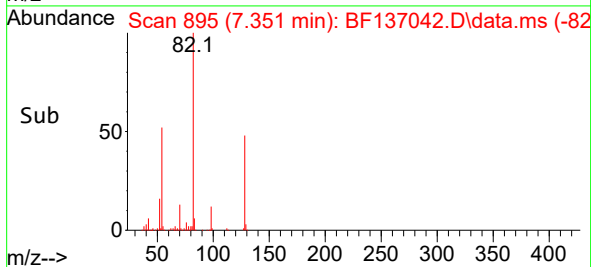
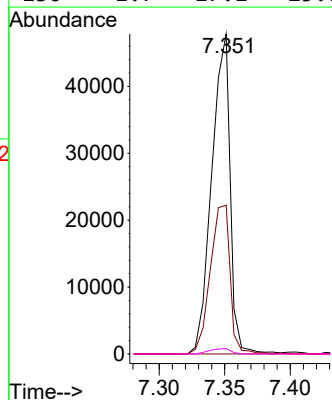
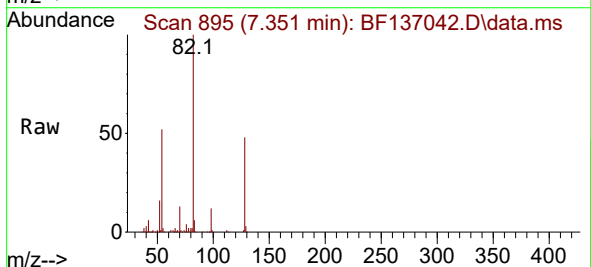
Instrument :
BNA_F
ClientSampleId :
SP6396

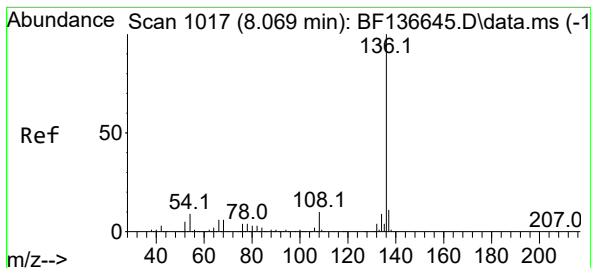
Tgt Ion: 99 Resp: 590821
Ion Ratio Lower Upper
99 100
42 18.6 16.1 24.1
71 33.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.720 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137042.D
Acq: 11 Jan 2024 18:15

Tgt Ion: 70 Resp: 46713
Ion Ratio Lower Upper
70 100
42 46.5 54.2 81.4#
101 0.0 7.6 11.4#
130 1.7 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137042.D

Acq: 11 Jan 2024 18:15

Instrument :

BNA_F

ClientSampleId :

SP6396

Tgt Ion:136 Resp: 213980

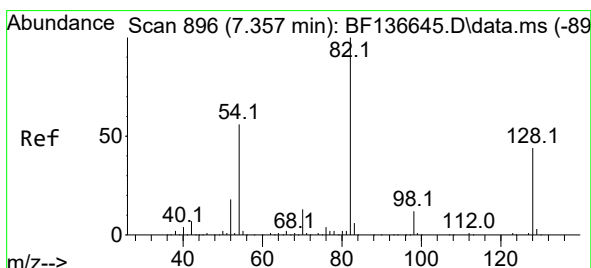
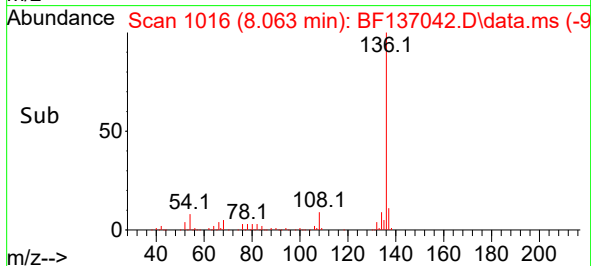
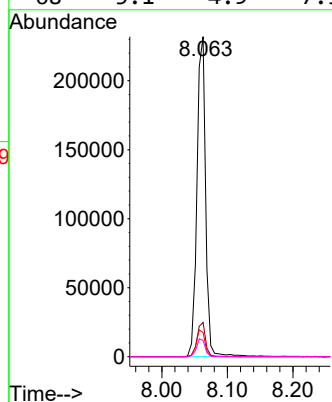
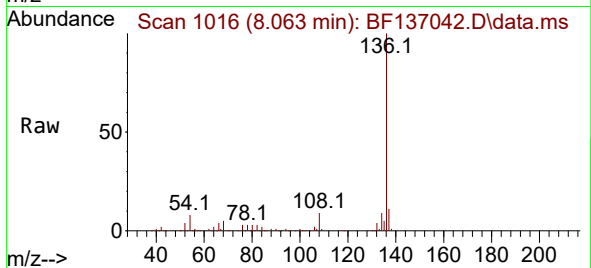
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 7.6 7.2 10.8

68 5.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 86.335 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137042.D

Acq: 11 Jan 2024 18:15

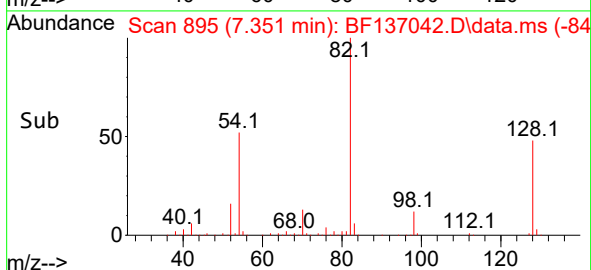
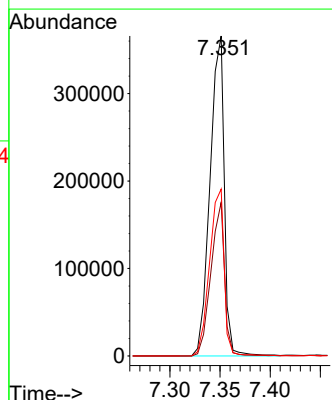
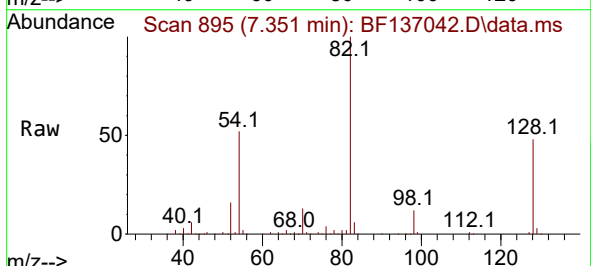
Tgt Ion: 82 Resp: 361024

Ion Ratio Lower Upper

82 100

128 48.0 35.3 52.9

54 52.2 44.5 66.7

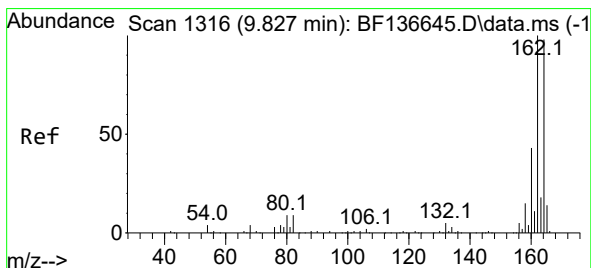
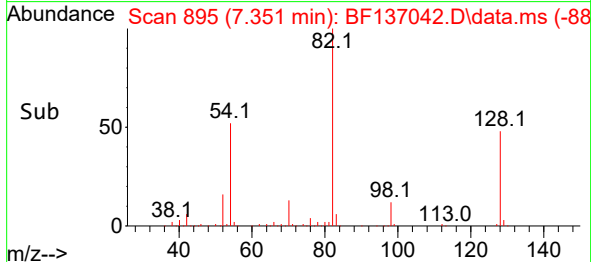
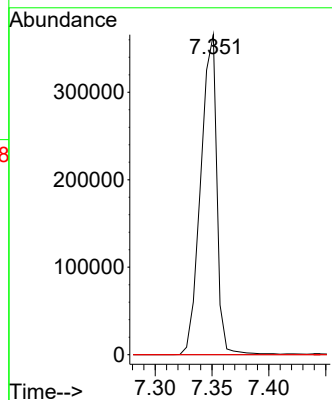
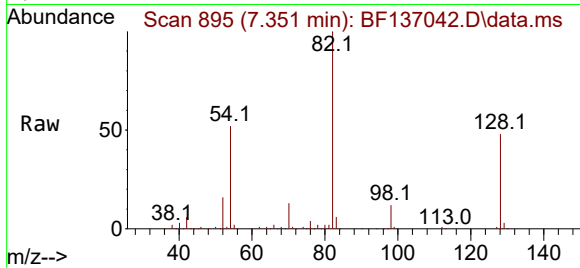




#25
Isophorone
Concen: 47.284 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137042.D
Acq: 11 Jan 2024 18:15

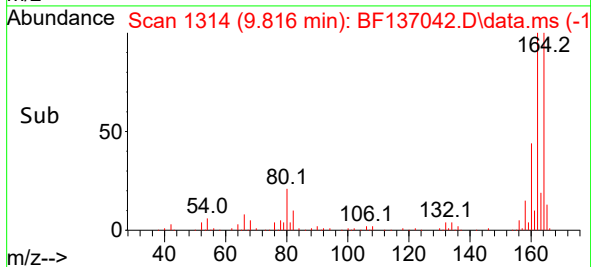
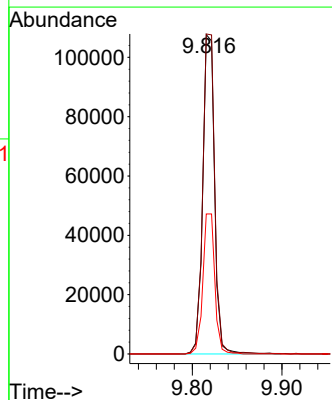
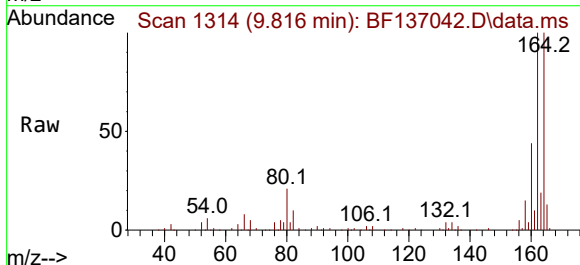
Instrument :
BNA_F
ClientSampleId :
SP6396

Tgt Ion: 82 Resp: 359783
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137042.D
Acq: 11 Jan 2024 18:15

Tgt Ion:164 Resp: 98210
Ion Ratio Lower Upper
164 100
162 100.2 81.6 122.4
160 43.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 113.550 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137042.D

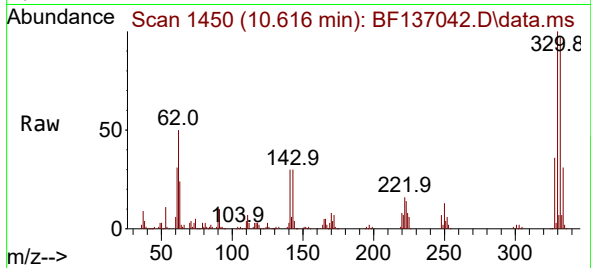
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Instrument :

BNA_F

ClientSampleId :

SP6396



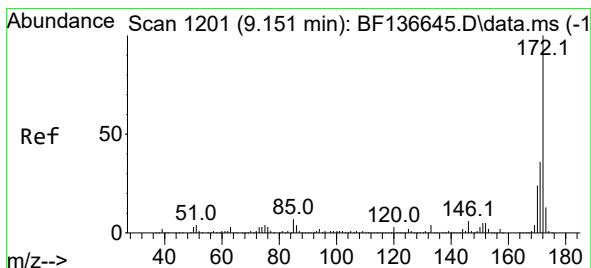
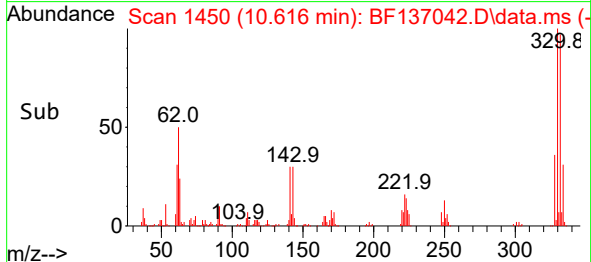
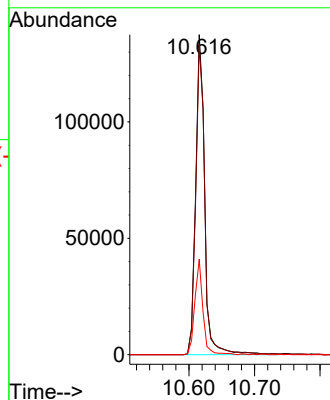
Tgt Ion:330 Resp: 131337

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

141 26.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 96.841 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137042.D

Acq: 11 Jan 2024 18:15

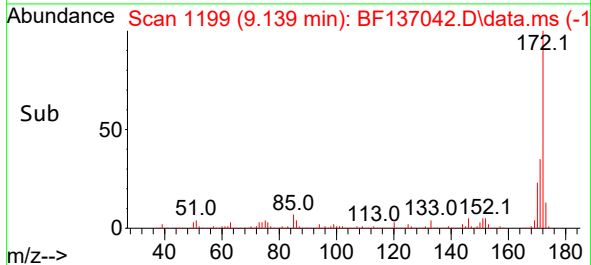
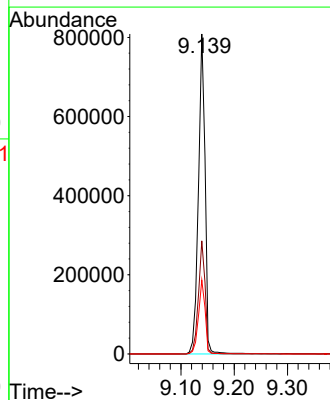
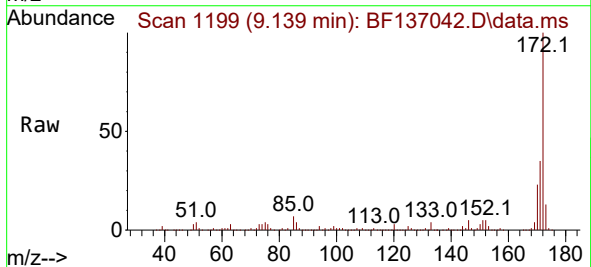
Tgt Ion:172 Resp: 707124

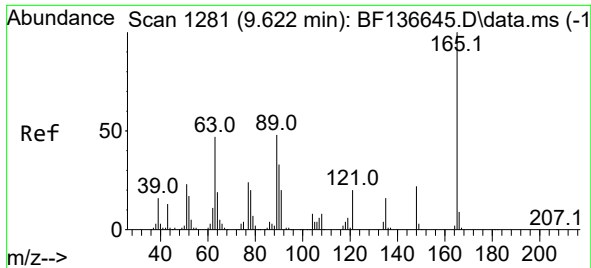
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.6

170 23.1 19.0 28.4

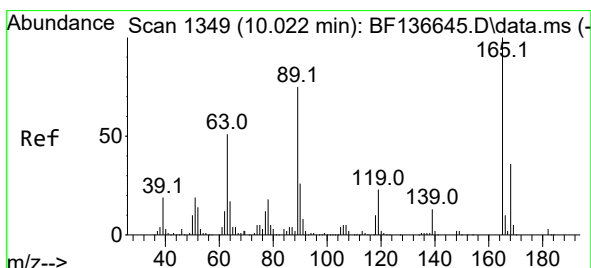
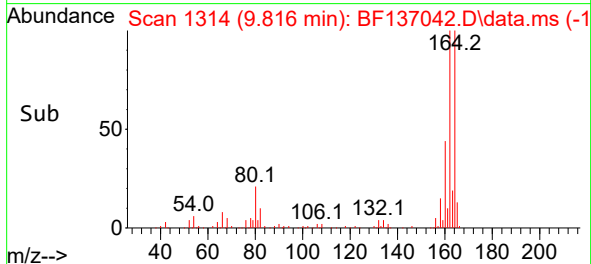
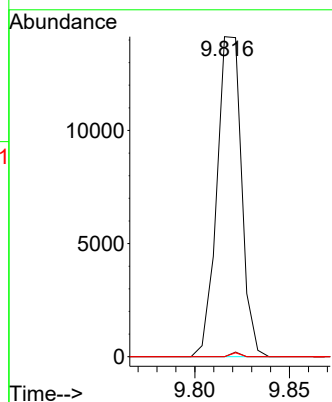
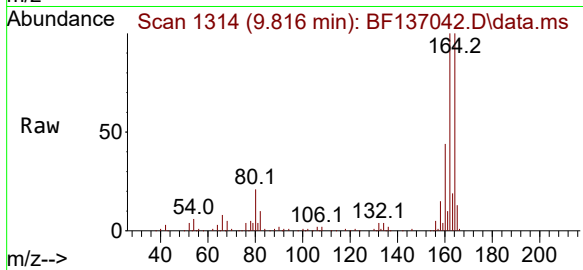




#51
2,6-Dinitrotoluene
Concen: 7.862 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137042.D
Acq: 11 Jan 2024 18:15

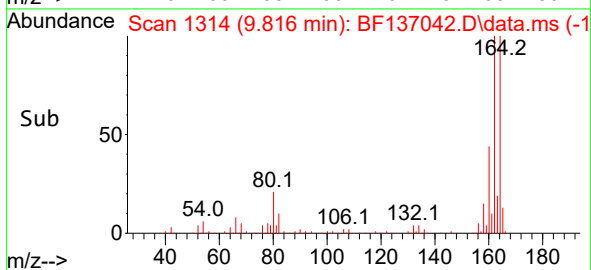
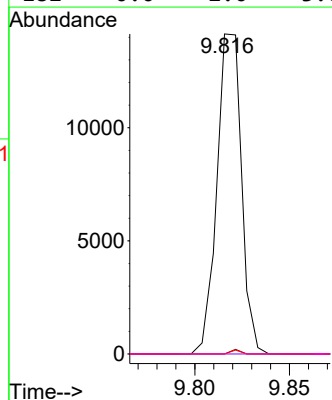
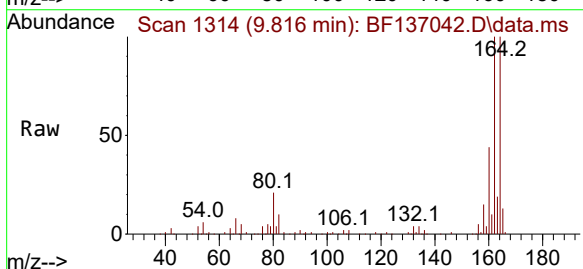
Instrument :
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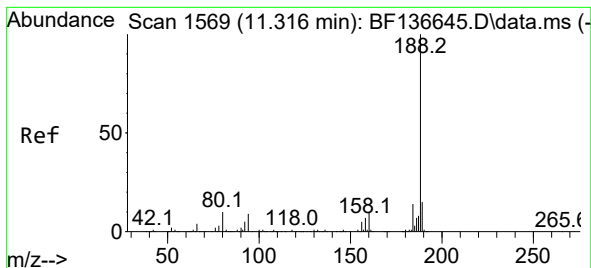
Tgt Ion:165 Resp: 12799
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.0 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 6.056 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF137042.D
Acq: 11 Jan 2024 18:15

Tgt Ion:165 Resp: 12799
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137042.D

Acq: 11 Jan 2024 18:15

Instrument :

BNA_F

ClientSampleId :

SP6396

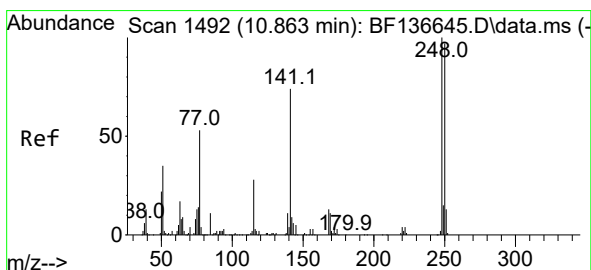
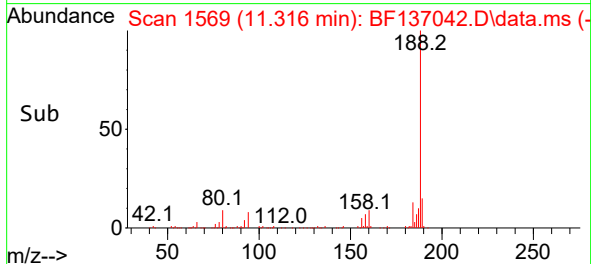
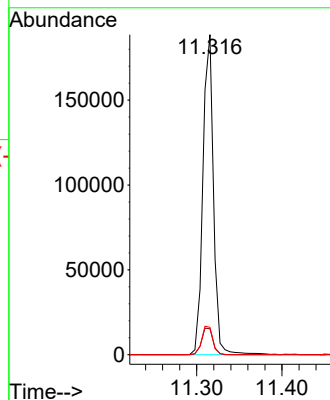
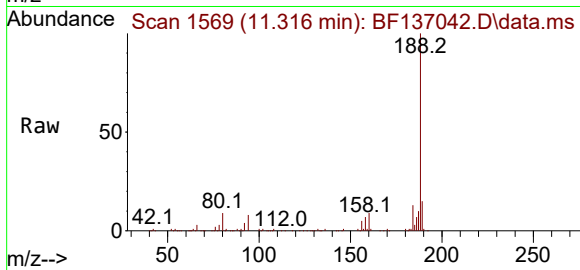
Tgt Ion:188 Resp: 162486

Ion Ratio Lower Upper

188 100

94 8.1 7.5 11.3

80 8.6 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.223 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.247 min

Lab File: BF137042.D

Acq: 11 Jan 2024 18:15

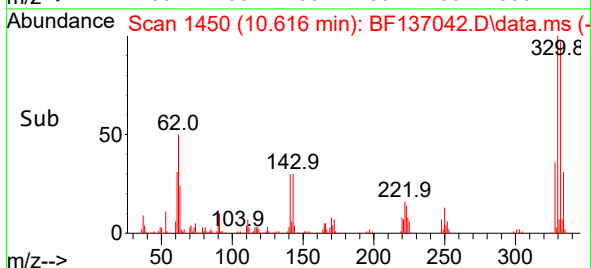
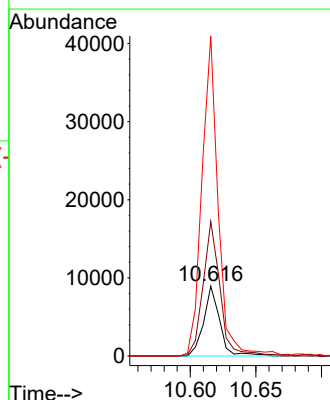
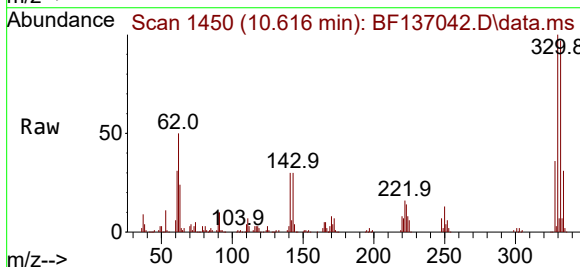
Tgt Ion:248 Resp: 7621

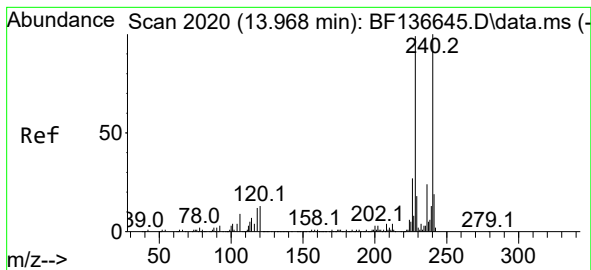
Ion Ratio Lower Upper

248 100

250 192.7 77.8 116.6#

141 458.4 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137042.D

Acq: 11 Jan 2024 18:15

Instrument :

BNA_F

ClientSampleId :

SP6396

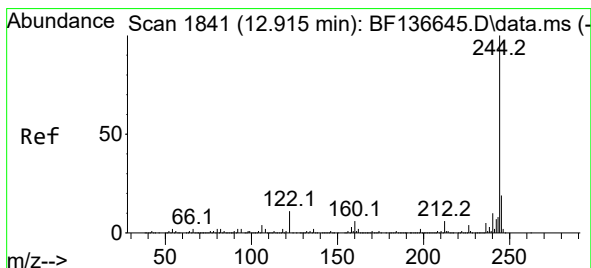
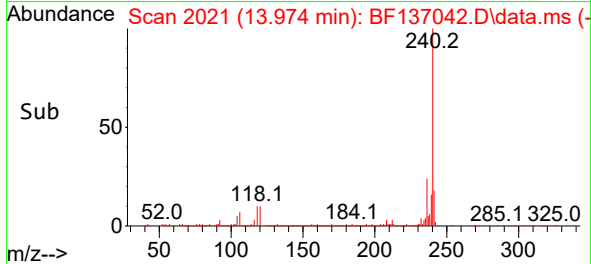
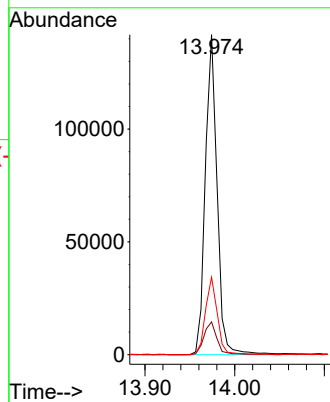
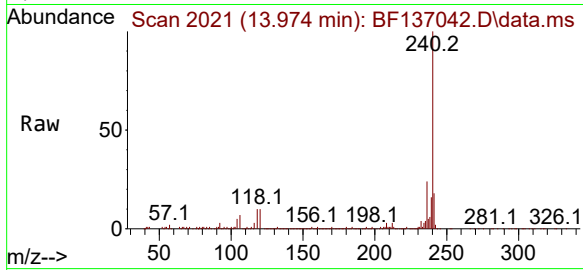
Tgt Ion:240 Resp: 129347

Ion Ratio Lower Upper

240 100

120 10.3 10.3 15.5#

236 24.2 19.4 29.2



#79

Terphenyl-d14

Concen: 68.069 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF137042.D

Acq: 11 Jan 2024 18:15

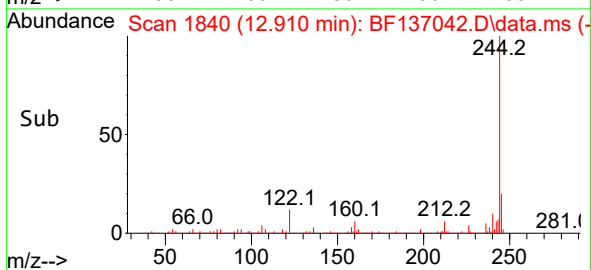
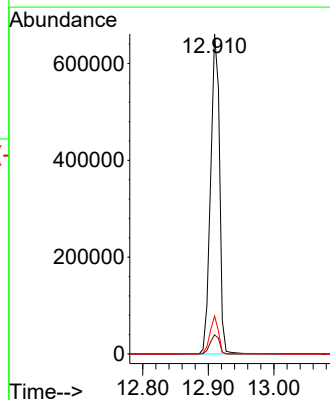
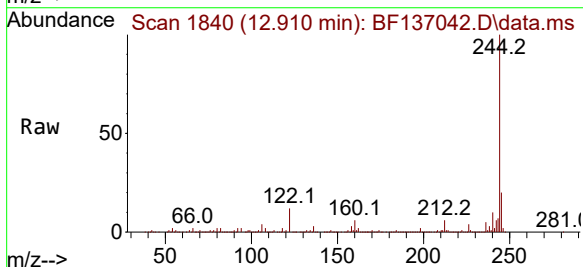
Tgt Ion:244 Resp: 630034

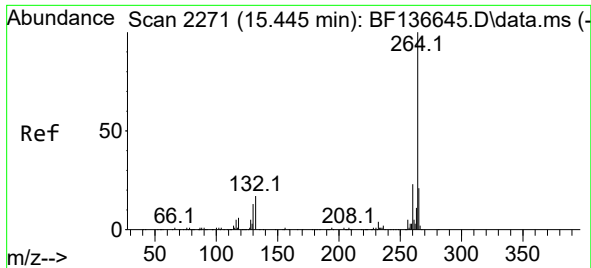
Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 11.8 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF137042.D
Acq: 11 Jan 2024 18:15

Instrument :
BNA_F
ClientSampleId :
SP6396

Tgt Ion:264 Resp: 105434
Ion Ratio Lower Upper
264 100
260 21.7 18.3 27.5
265 21.2 17.0 25.6

