

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138732.D
 Acq On : 01 Aug 2024 19:07
 Operator : RC/JU
 Sample : P3368-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-4

Quant Time: Aug 02 04:02:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

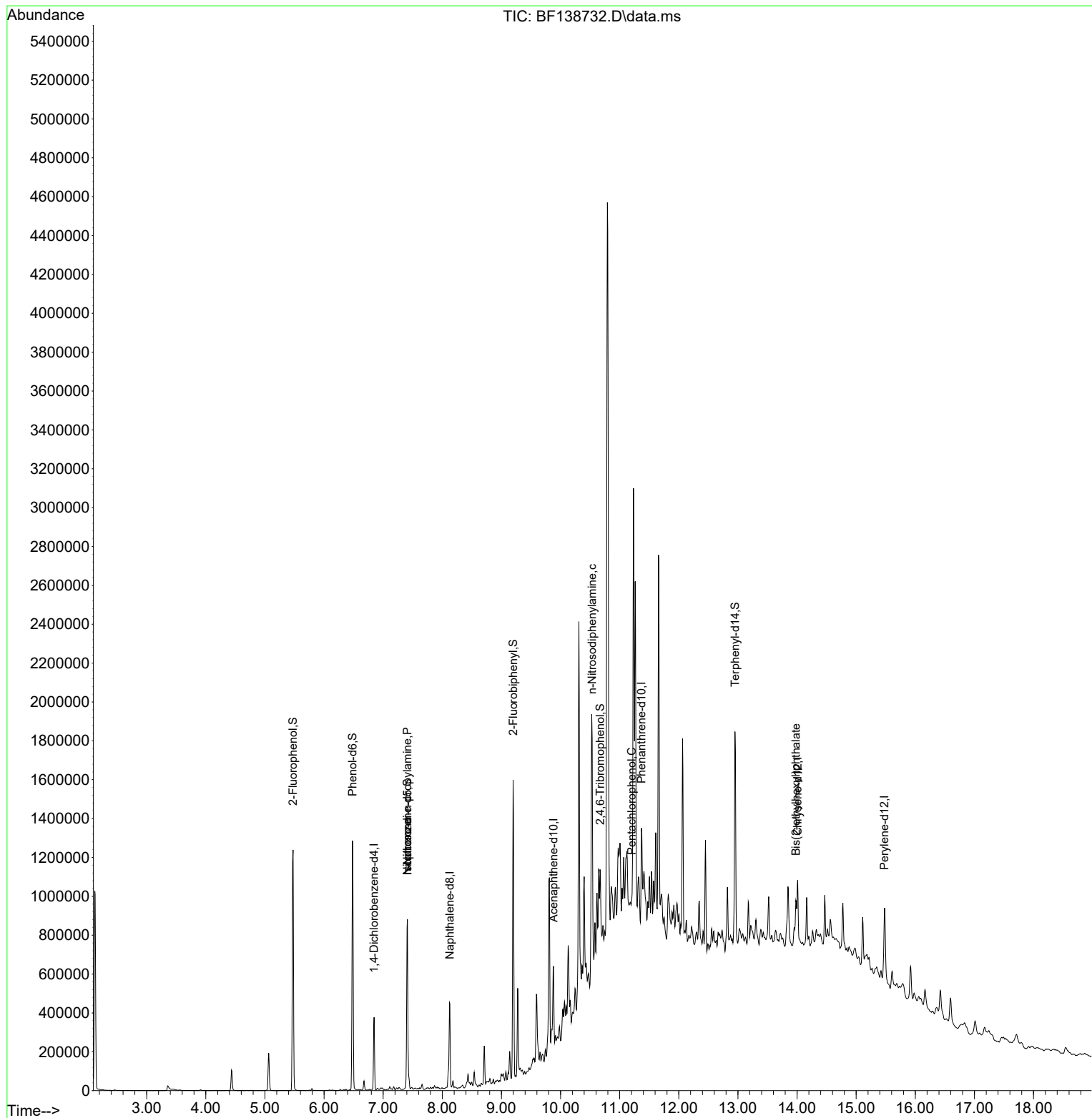
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	68587	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	268740	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	118565	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	154079	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	127106	20.000	ng	0.00
86) Perylene-d12	15.474	264	133877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	423997	95.427	ng	0.00
7) Phenol-d6	6.481	99	597771	100.206	ng	0.00
23) Nitrobenzene-d5	7.410	82	389434	70.849	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	69569	71.632	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	643308	81.522	ng	0.00
79) Terphenyl-d14	12.951	244	486255	64.051	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	54952	15.252	ng	# 74
25) Isophorone	7.410	82	385053	41.025	ng	# 66
66) n-Nitrosodiphenylamine	10.533	169	15876	3.296	ng	# 59
70) Pentachlorophenol	11.204	266	1611	2.075	ng	# 55
84) Bis(2-ethylhexyl)phtha...	13.980	149	68169	12.148	ng	96

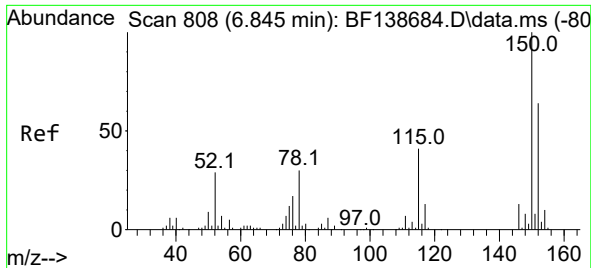
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

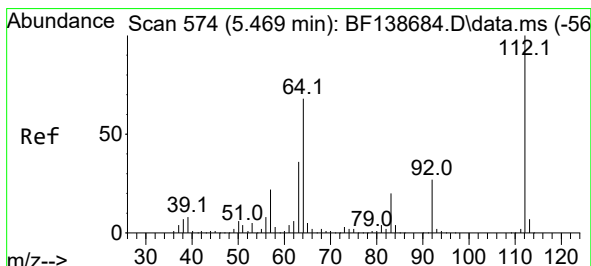
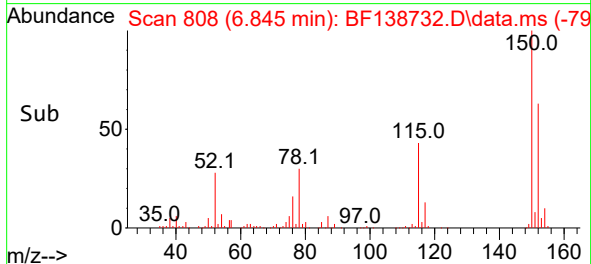
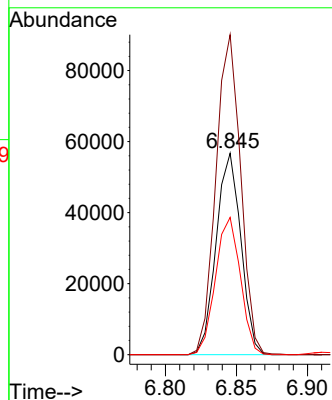
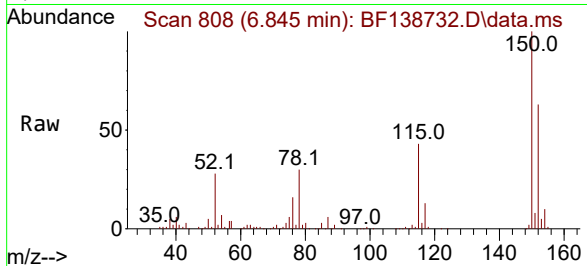




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138732.D
Acq: 01 Aug 2024 19:07

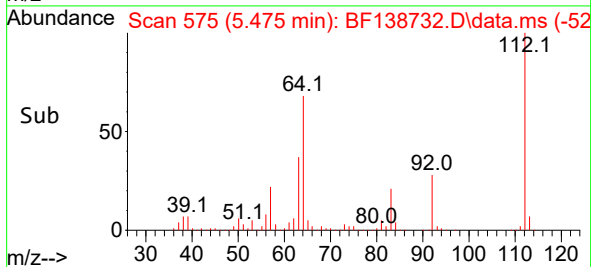
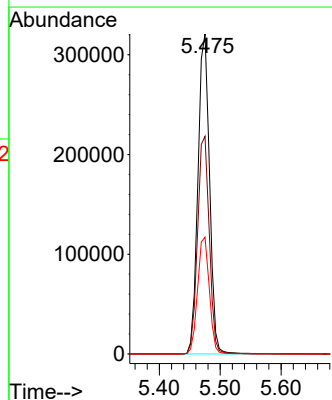
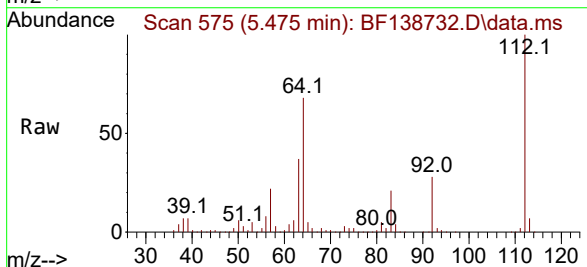
Instrument :
BNA_F
ClientSampleId :
CONC-4

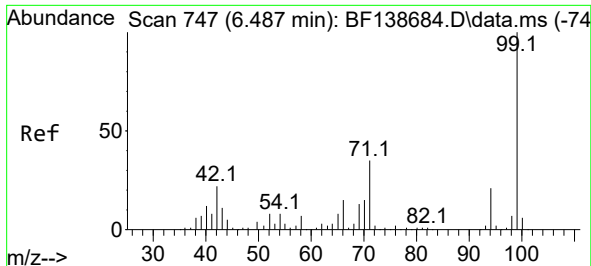
Tgt Ion:152 Resp: 68587
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 68.2 51.7 77.5



#5
2-Fluorophenol
Concen: 95.427 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138732.D
Acq: 01 Aug 2024 19:07

Tgt Ion:112 Resp: 423997
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 36.5 28.7 43.1

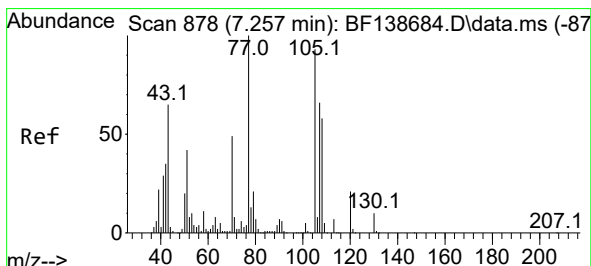
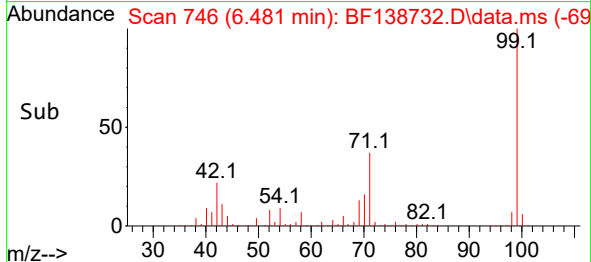
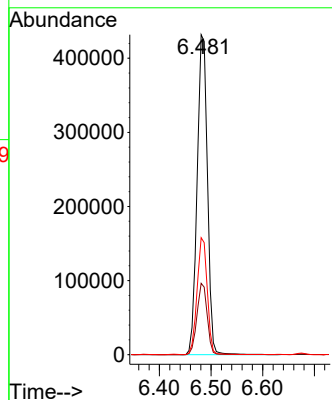
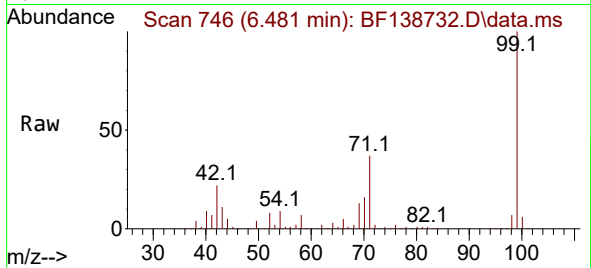




#7
Phenol-d6
Concen: 100.206 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138732.D
Acq: 01 Aug 2024 19:07

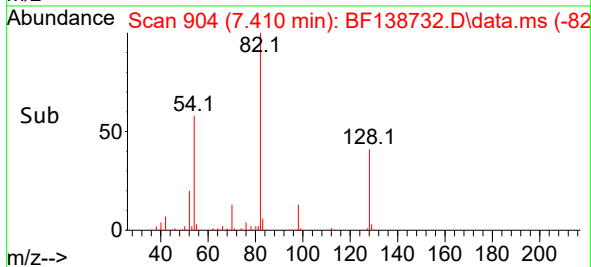
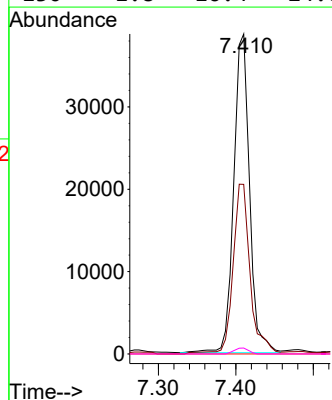
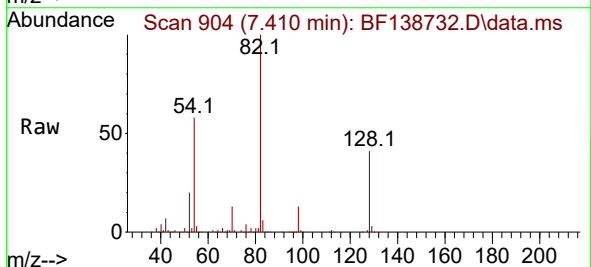
Instrument :
BNA_F
ClientSampleId :
CONC-4

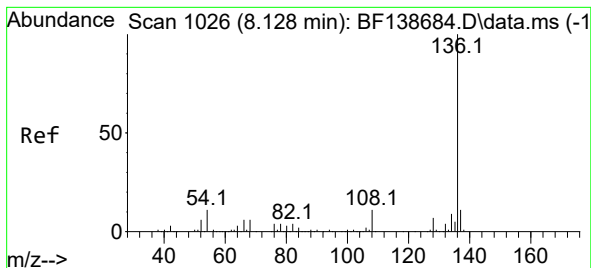
Tgt Ion: 99 Resp: 597771
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.0
71 36.5 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 15.252 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138732.D
Acq: 01 Aug 2024 19:07

Tgt Ion: 70 Resp: 54952
Ion Ratio Lower Upper
70 100
42 53.0 57.4 86.0#
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138732.D

Acq: 01 Aug 2024 19:07

Instrument :

BNA_F

ClientSampleId :

CONC-4

Tgt Ion:136 Resp: 268740

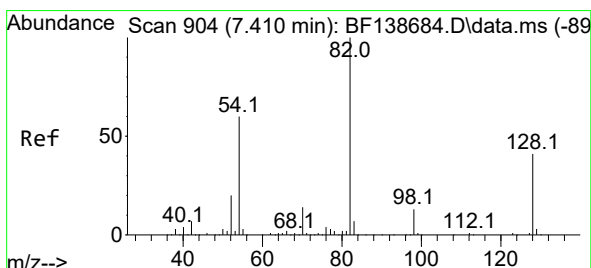
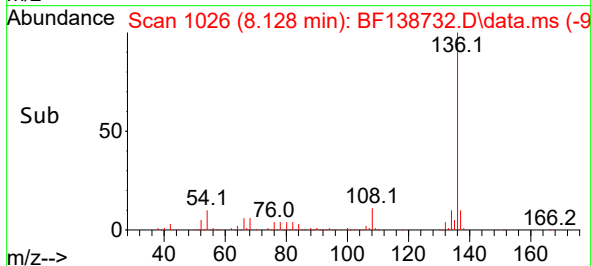
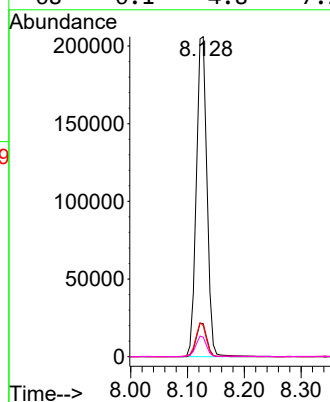
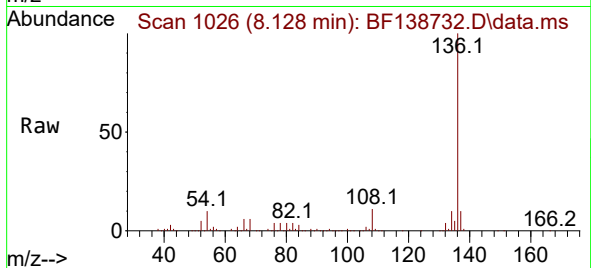
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 9.7 8.6 12.8

68 6.1 4.8 7.2



#23

Nitrobenzene-d5

Concen: 70.849 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138732.D

Acq: 01 Aug 2024 19:07

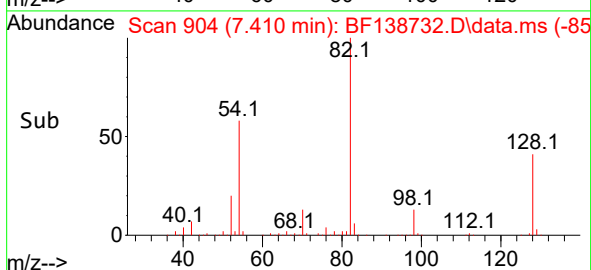
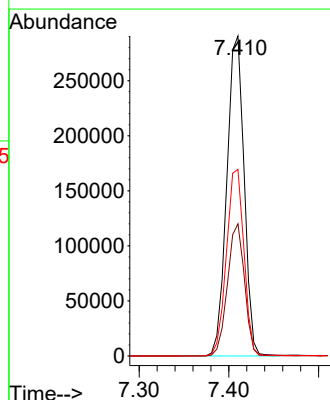
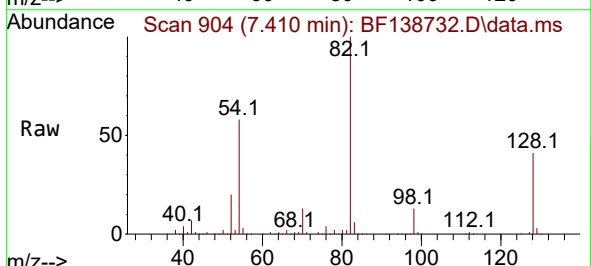
Tgt Ion: 82 Resp: 389434

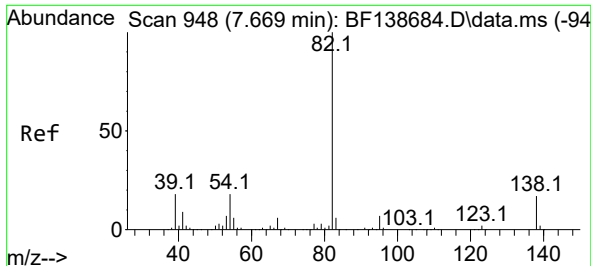
Ion Ratio Lower Upper

82 100

128 41.3 32.8 49.2

54 58.3 48.3 72.5

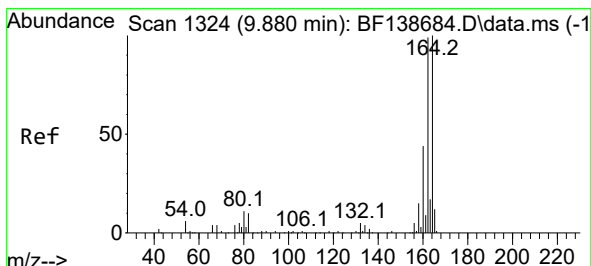
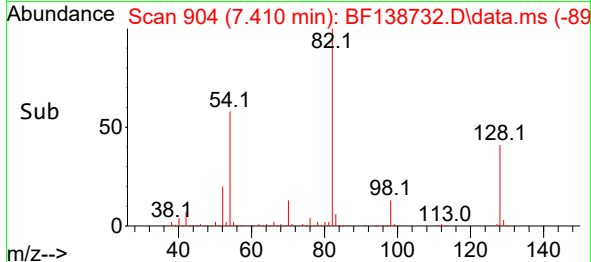
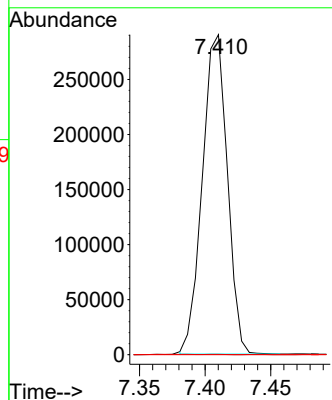
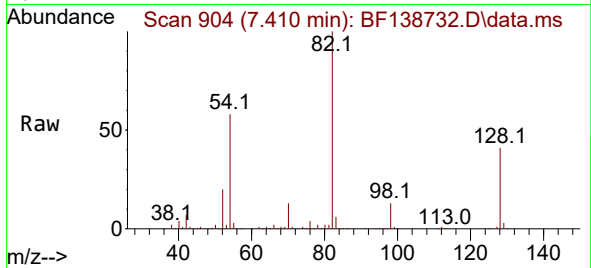




#25
Isophorone
Concen: 41.025 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138732.D
Acq: 01 Aug 2024 19:07

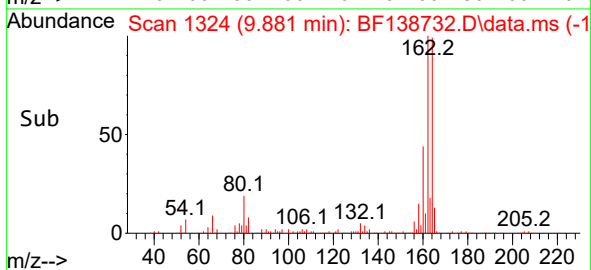
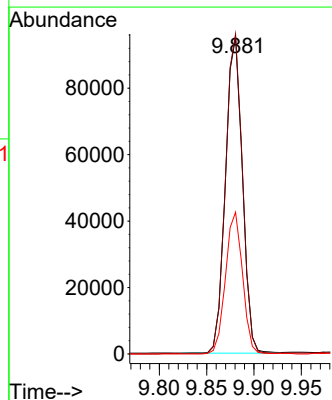
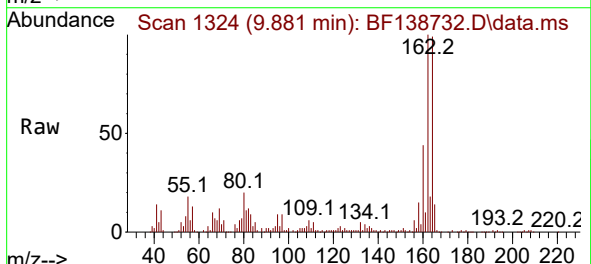
Instrument :
BNA_F
ClientSampleId :
CONC-4

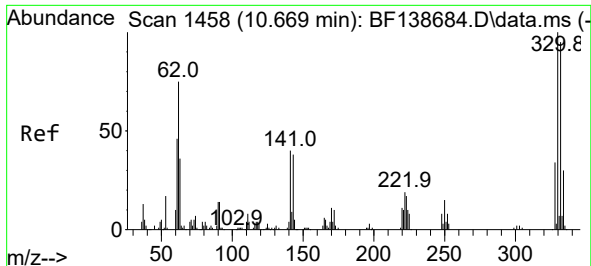
Tgt Ion: 82 Resp: 385053
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF138732.D
Acq: 01 Aug 2024 19:07

Tgt Ion: 164 Resp: 118565
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.0
160 44.7 35.1 52.7

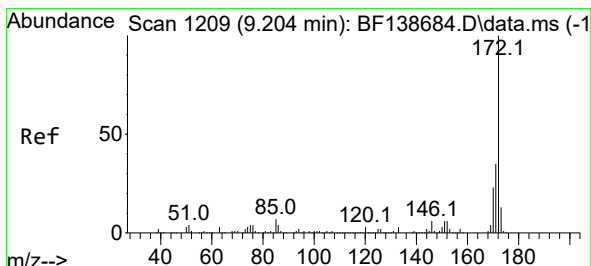
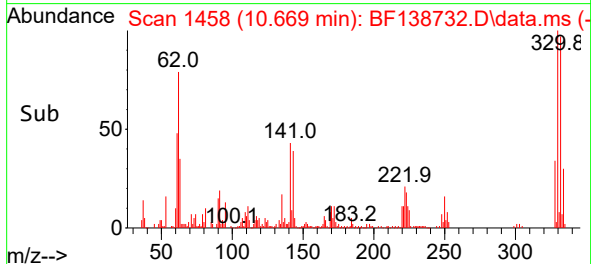
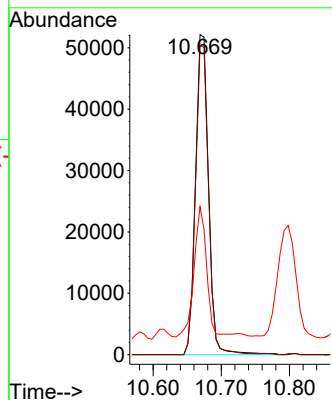
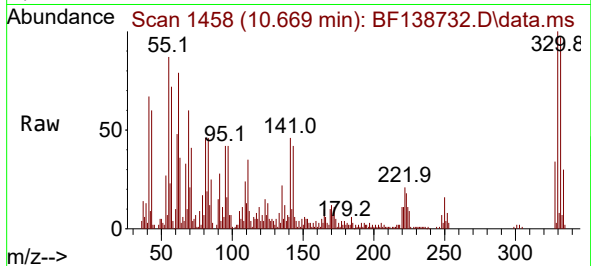




#42
2,4,6-Tribromophenol
Concen: 71.632 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138732.D
Acq: 01 Aug 2024 19:07

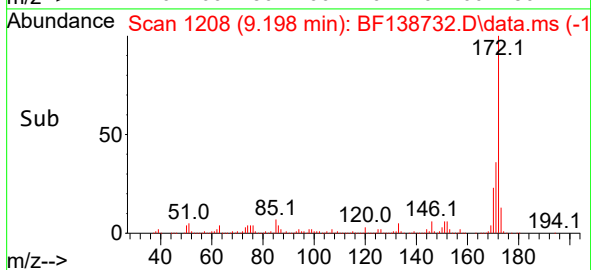
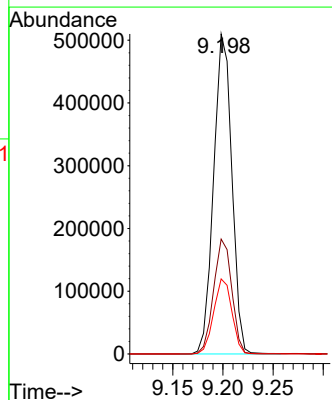
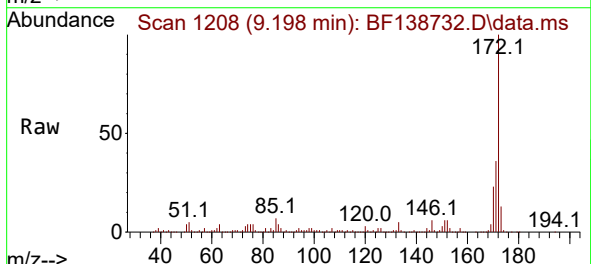
Instrument :
BNA_F
ClientSampleId :
CONC-4

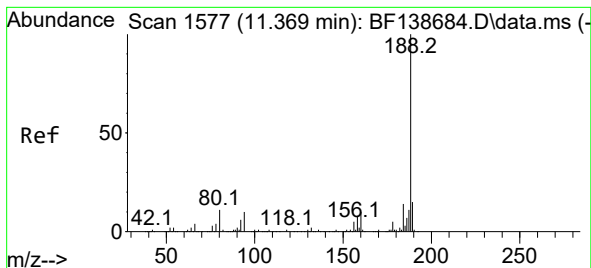
Tgt Ion:330 Resp: 69569
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 38.6 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 81.522 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138732.D
Acq: 01 Aug 2024 19:07

Tgt Ion:172 Resp: 643308
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138732.D

Acq: 01 Aug 2024 19:07

Instrument :

BNA_F

ClientSampleId :

CONC-4

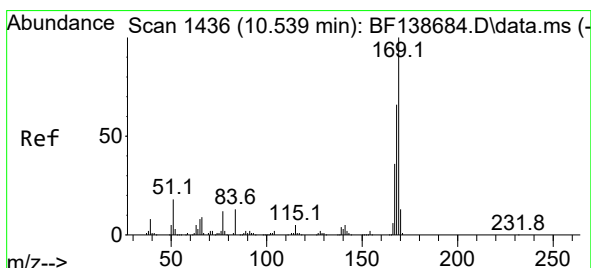
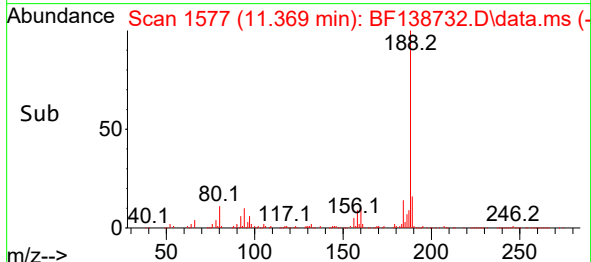
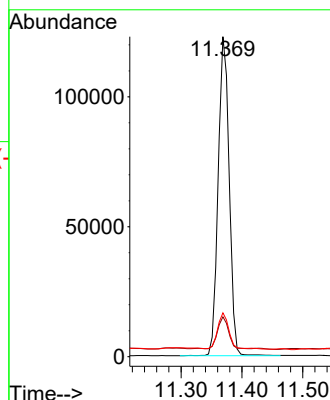
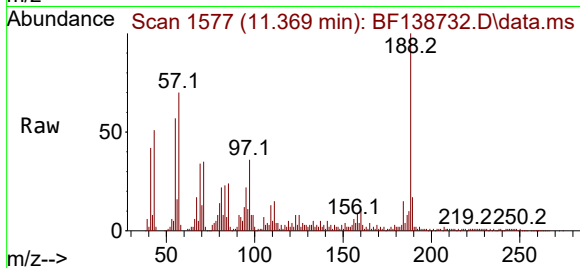
Tgt Ion:188 Resp: 154079

Ion Ratio Lower Upper

188 100

94 12.4 7.6 11.4#

80 13.7 8.6 12.8#



#66

n-Nitrosodiphenylamine

Concen: 3.296 ng

RT: 10.533 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF138732.D

Acq: 01 Aug 2024 19:07

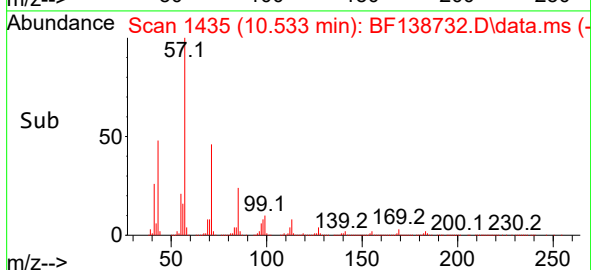
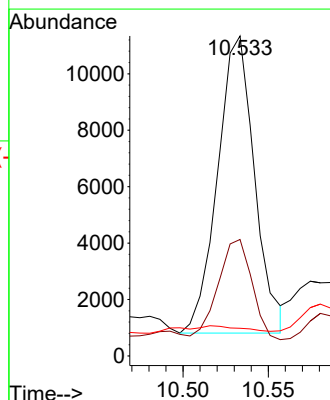
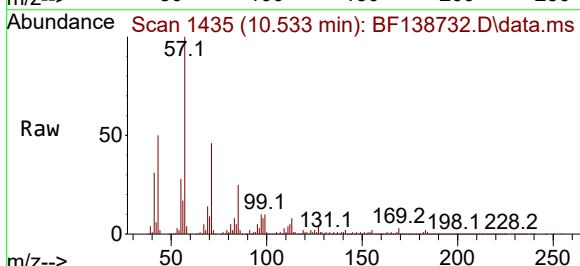
Tgt Ion:169 Resp: 15876

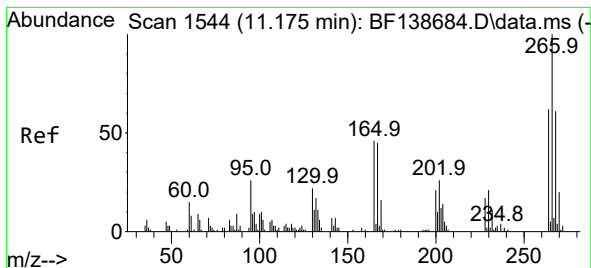
Ion Ratio Lower Upper

169 100

168 36.4 53.0 79.6#

167 8.7 29.0 43.6#





#70

Pentachlorophenol

Concen: 2.075 ng

RT: 11.204 min Scan# 1

Delta R.T. 0.029 min

Lab File: BF138732.D

Acq: 01 Aug 2024 19:07

Instrument :

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ClientSampleId :

CONC-4

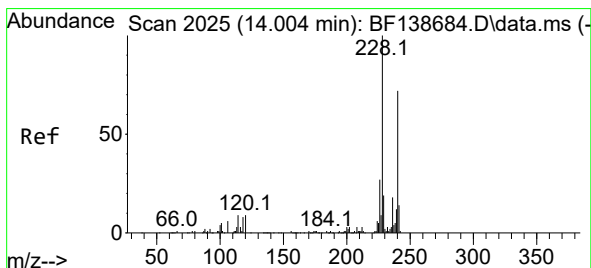
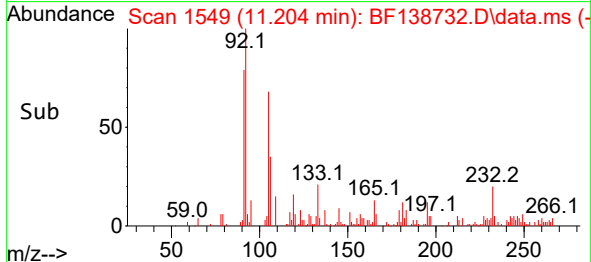
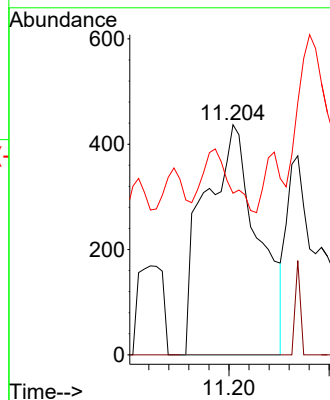
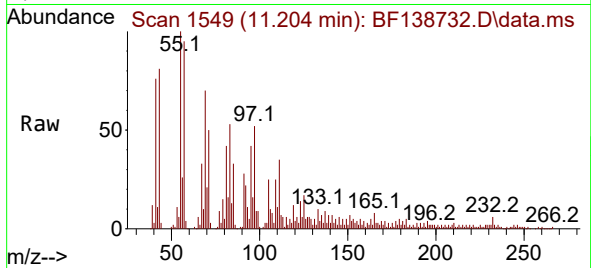
Tgt Ion:266 Resp: 1611

Ion Ratio Lower Upper

266 100

268 0.0 49.2 73.8#

264 70.3 49.8 74.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF138732.D

Acq: 01 Aug 2024 19:07

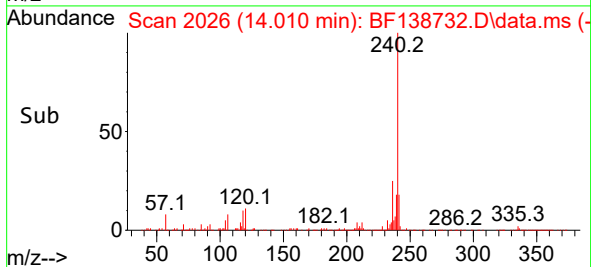
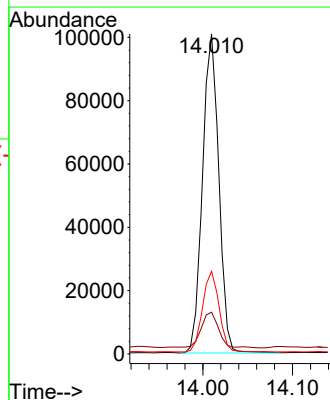
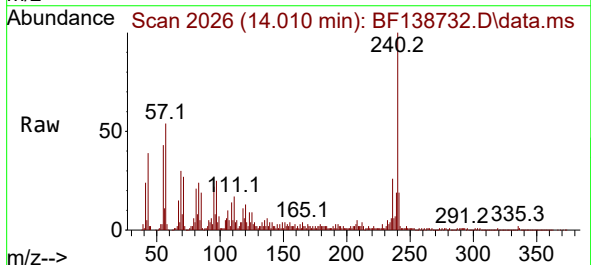
Tgt Ion:240 Resp: 127106

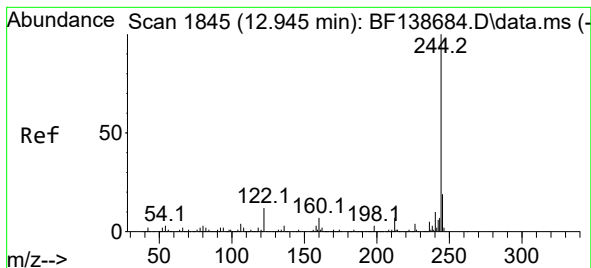
Ion Ratio Lower Upper

240 100

120 13.1 10.2 15.4

236 25.9 19.8 29.8





#79

Terphenyl-d14

Concen: 64.051 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138732.D

Acq: 01 Aug 2024 19:07

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CONC-4

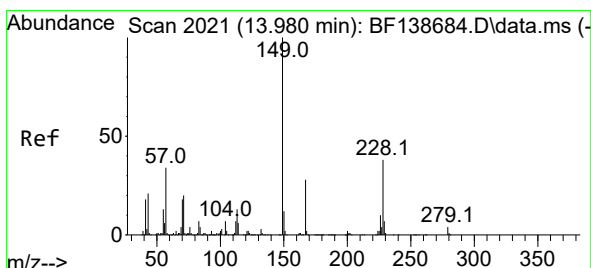
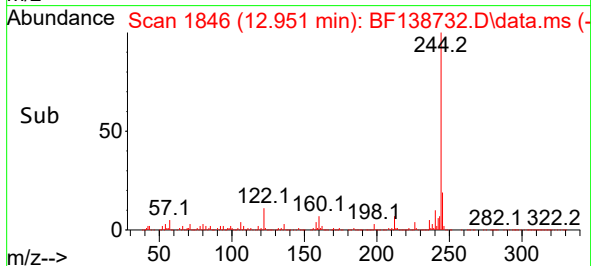
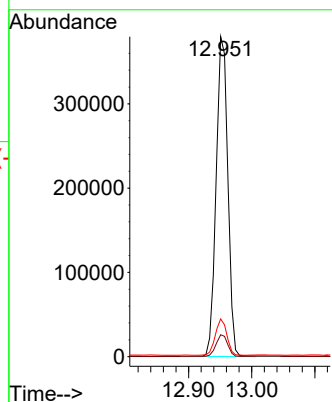
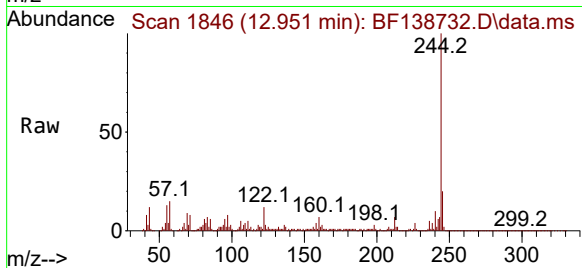
Tgt Ion:244 Resp: 486255

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.8 9.6 14.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.148 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF138732.D

Acq: 01 Aug 2024 19:07

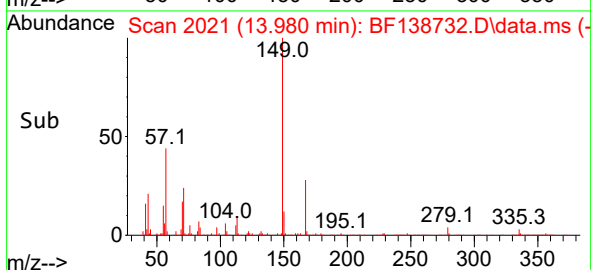
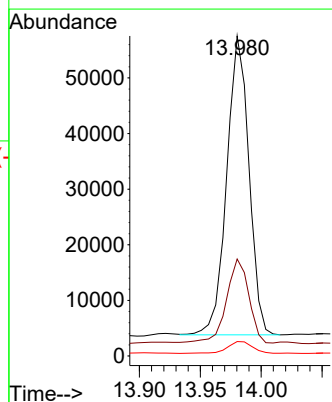
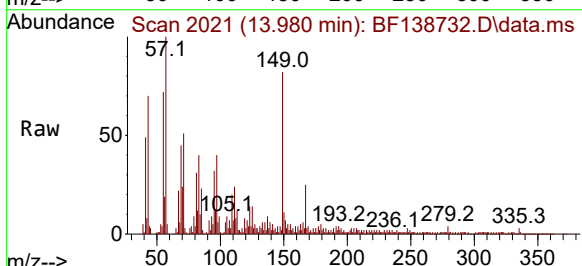
Tgt Ion:149 Resp: 68169

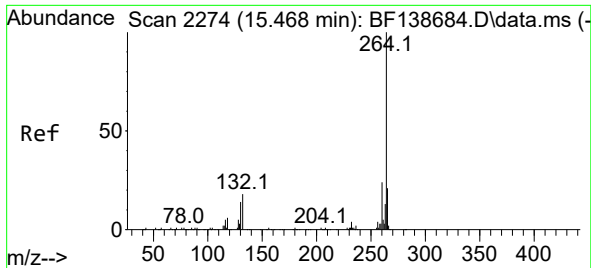
Ion Ratio Lower Upper

149 100

167 30.3 22.2 33.4

279 4.5 3.4 5.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138732.D
 Acq: 01 Aug 2024 19:07

Instrument :
 BNA_F
 ClientSampleId :
 CONC-4

Tgt Ion:264 Resp: 133877
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.9 17.0 25.6

