

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138669.D
 Acq On : 29 Jul 2024 14:08
 Operator : RC/JU
 Sample : PB162188BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162188BL

Quant Time: Jul 29 14:32:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

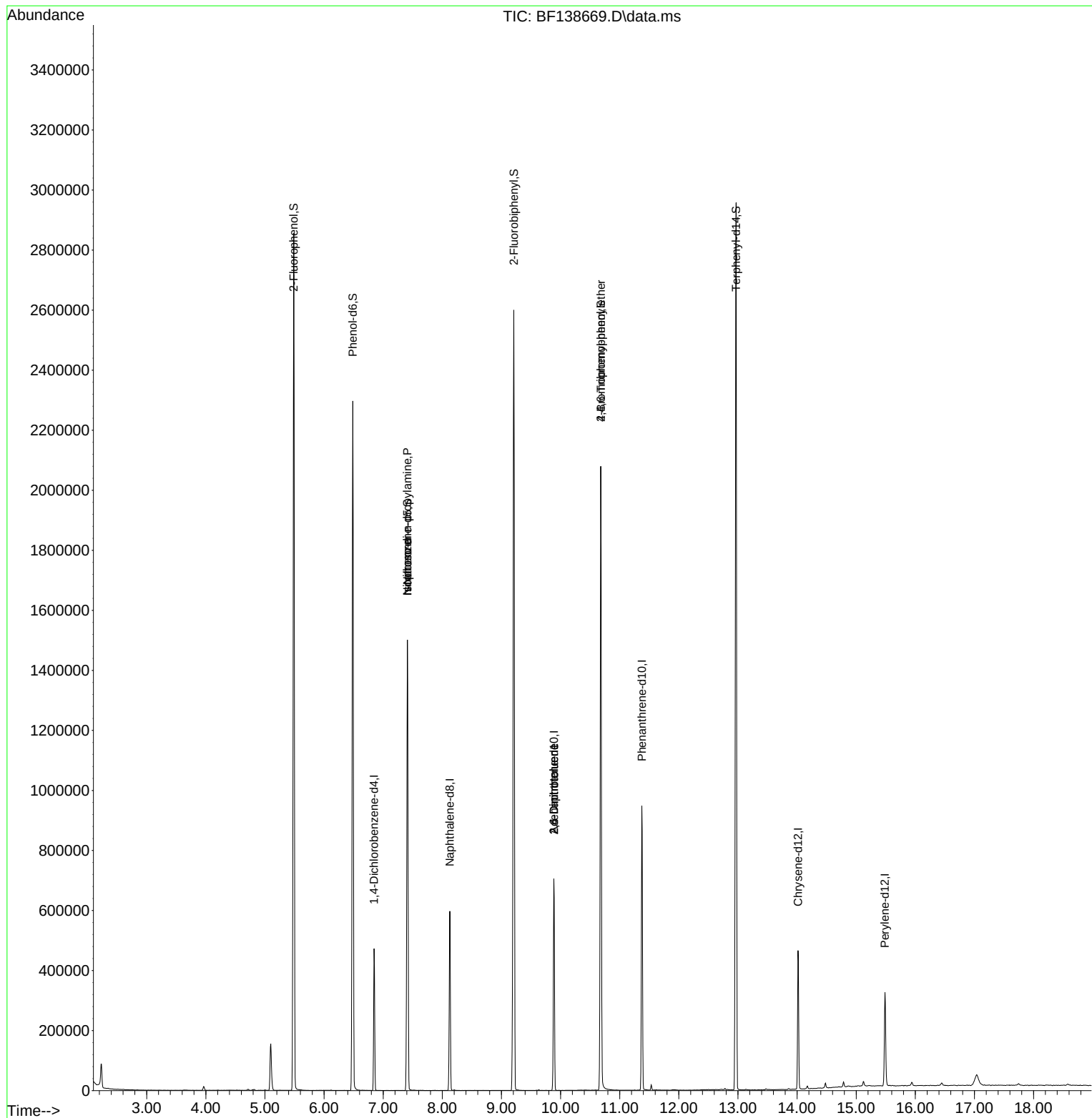
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	90272	20.000	ng	-0.02
21) Naphthalene-d8	8.128	136	374913	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	212785	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	482771	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	210180	20.000	ng	-0.01
86) Perylene-d12	15.486	264	175299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1010302	177.250	ng	0.00
7) Phenol-d6	6.486	99	1099592	145.017	ng	-0.02
23) Nitrobenzene-d5	7.410	82	721606	94.500	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	350853	176.424	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1236304	90.806	ng	-0.02
79) Terphenyl-d14	12.968	244	1497299	116.057	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	98039	20.925	ng	# 73
25) Isophorone	7.410	82	718119	54.762	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	27150	8.570	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	27150	6.624	ng	# 19
67) 4-Bromophenyl-phenylether	10.680	248	22436	4.522	ng	# 1

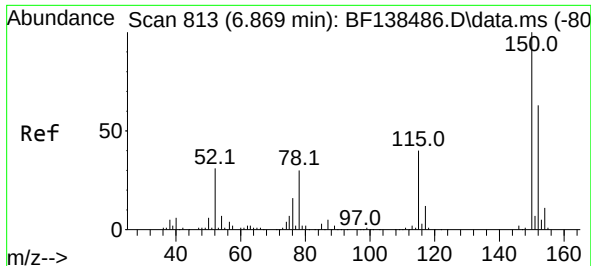
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
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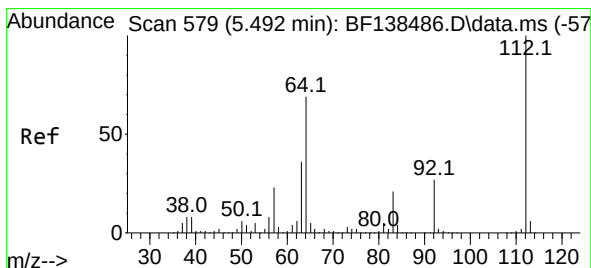
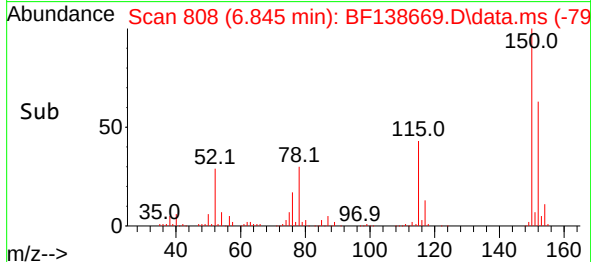
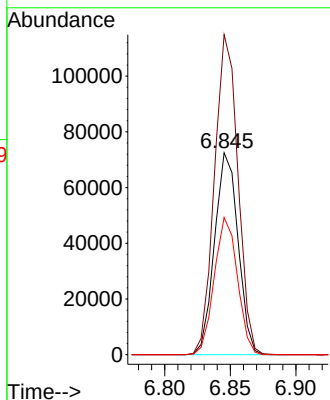
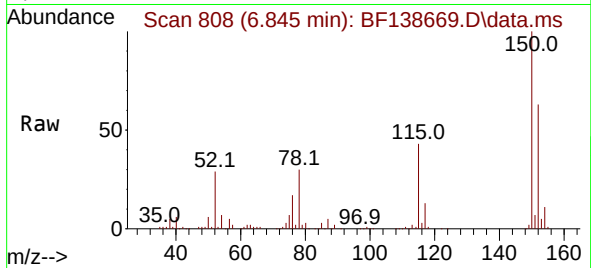




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.024 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

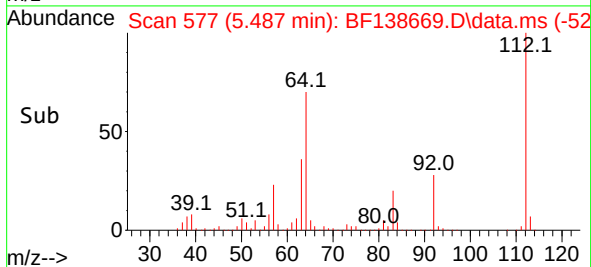
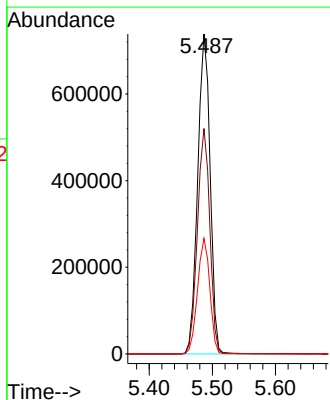
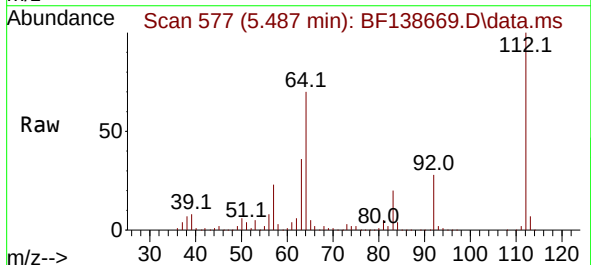
Instrument :
BNA_F
ClientSampleId :
PB162188BL

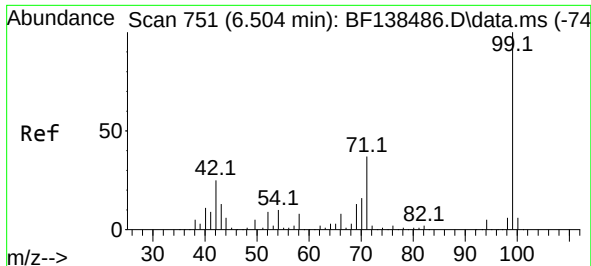
Tgt Ion:152 Resp: 90272
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.4
115 67.9 50.3 75.5



#5
2-Fluorophenol
Concen: 177.250 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

Tgt Ion:112 Resp: 1010302
Ion Ratio Lower Upper
112 100
64 70.4 55.1 82.7
63 36.1 29.0 43.6

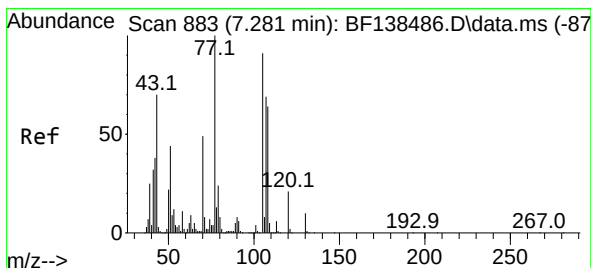
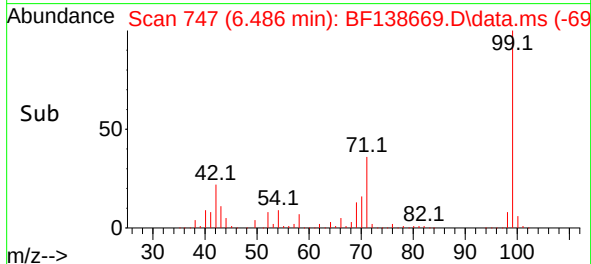
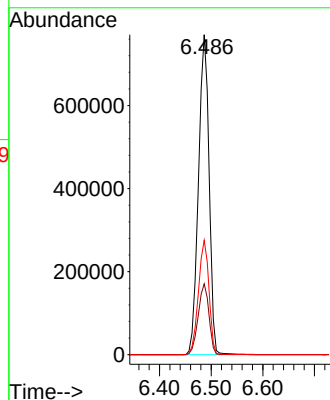
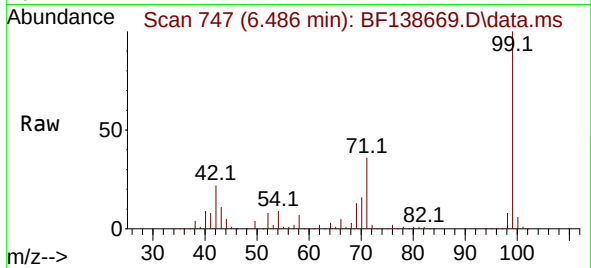




#7
Phenol-d6
Concen: 145.017 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

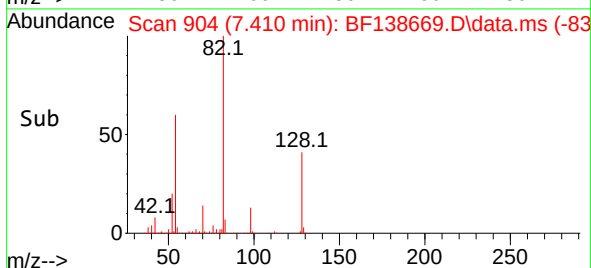
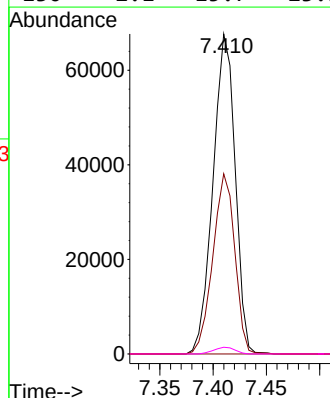
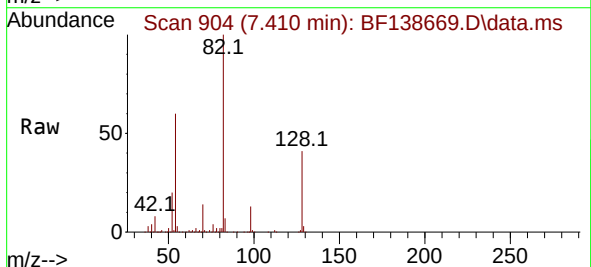
Instrument :
BNA_F
ClientSampleId :
PB162188BL

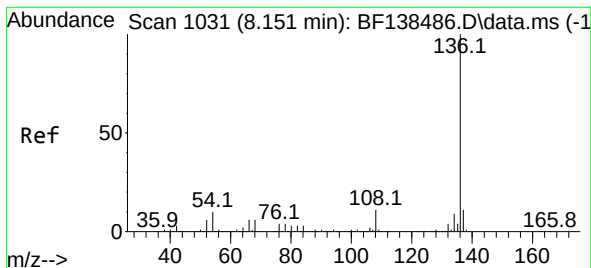
Tgt Ion: 99 Resp: 1099592
Ion Ratio Lower Upper
99 100
42 22.2 19.7 29.5
71 35.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.925 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

Tgt Ion: 70 Resp: 98039
Ion Ratio Lower Upper
70 100
42 56.3 62.4 93.6#
101 0.0 7.2 10.8#
130 2.1 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.024 min

Lab File: BF138669.D

Acq: 29 Jul 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB162188BL

Tgt Ion:136 Resp: 374913

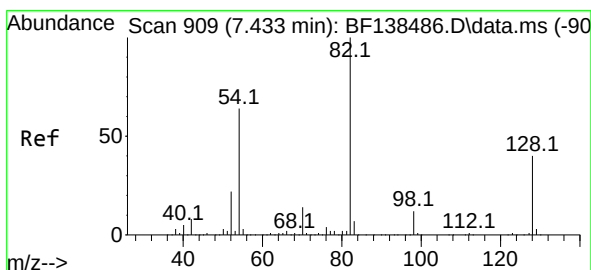
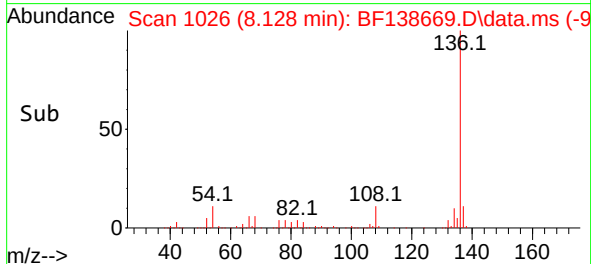
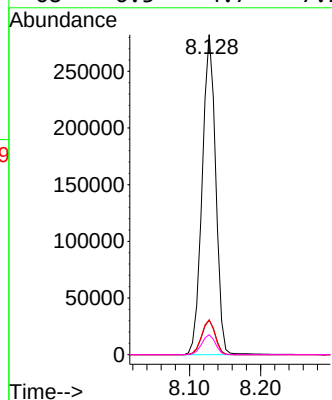
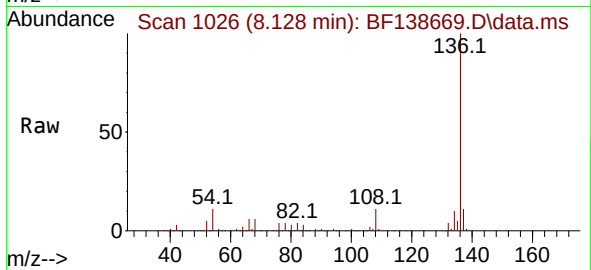
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.9 8.1 12.1

68 6.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 94.500 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.024 min

Lab File: BF138669.D

Acq: 29 Jul 2024 14:08

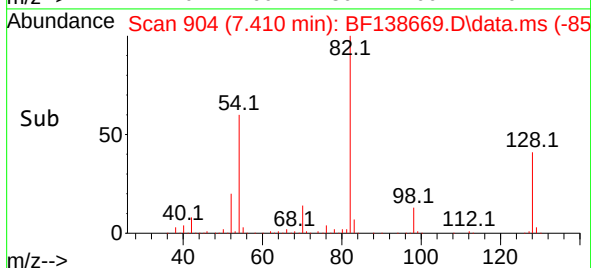
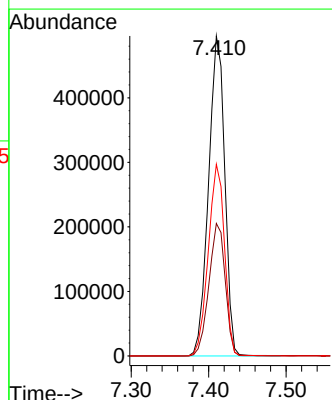
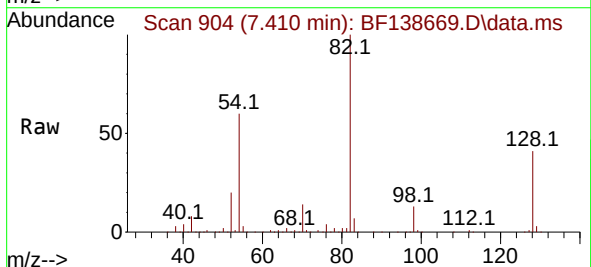
Tgt Ion: 82 Resp: 721606

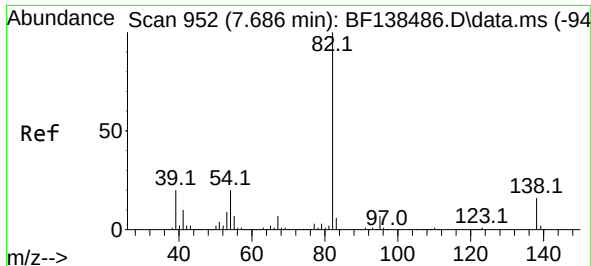
Ion Ratio Lower Upper

82 100

128 41.4 32.3 48.5

54 59.9 51.4 77.0

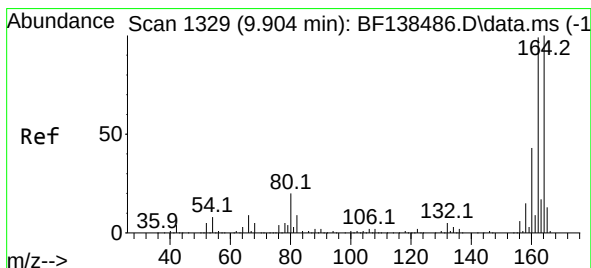
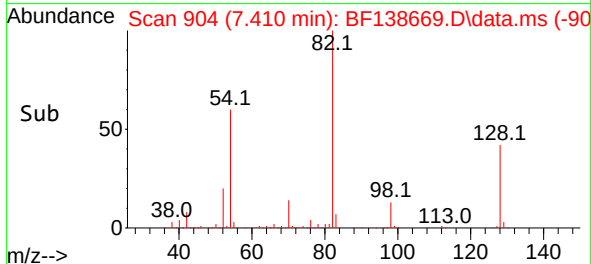
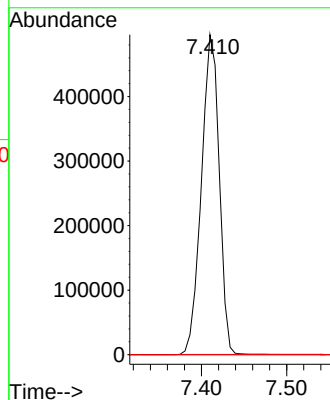
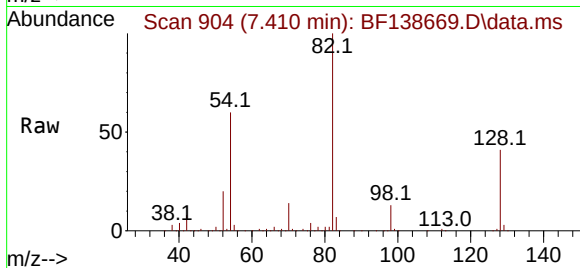




#25
Isophorone
Concen: 54.762 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

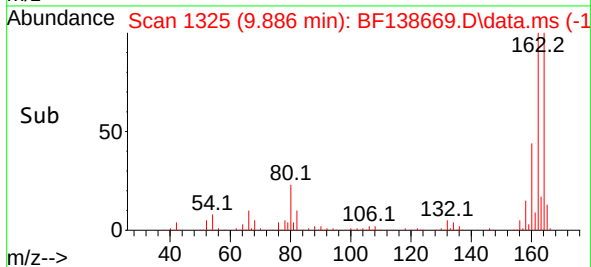
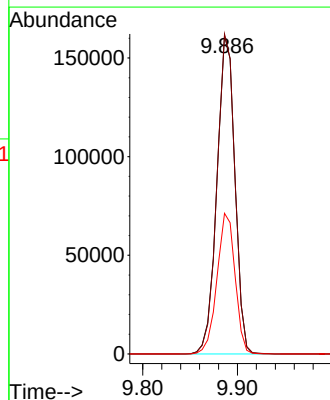
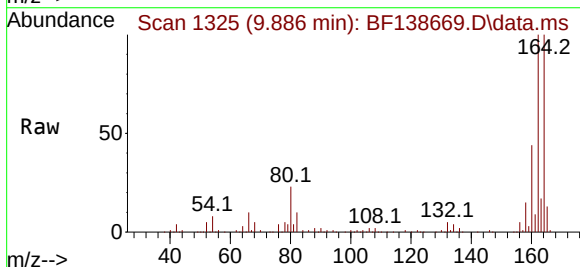
Instrument :
BNA_F
ClientSampleId :
PB162188BL

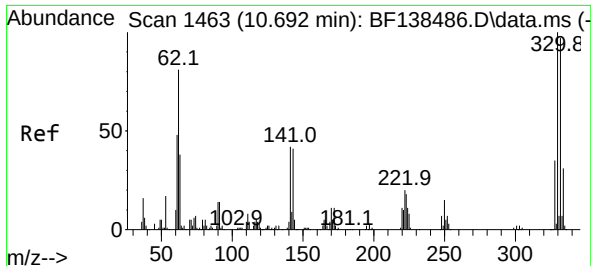
Tgt Ion: 82 Resp: 718119
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

Tgt Ion: 164 Resp: 212785
Ion Ratio Lower Upper
164 100
162 100.5 79.0 118.6
160 44.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 176.424 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF138669.D

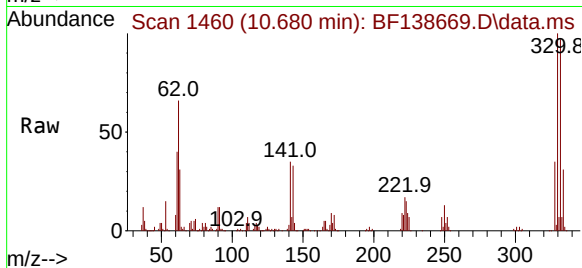
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Instrument :

BNA_F

ClientSampleId :

PB162188BL



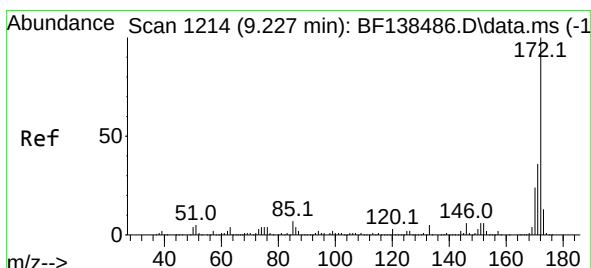
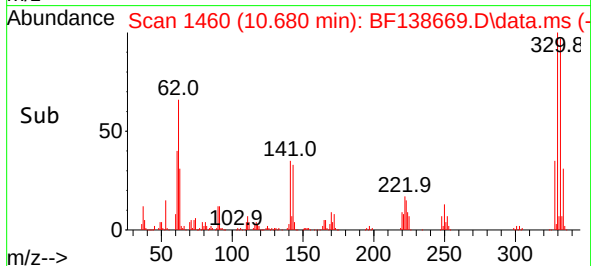
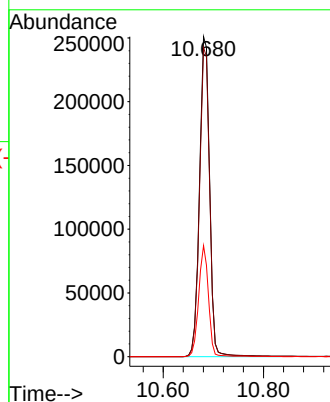
Tgt Ion:330 Resp: 350853

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 33.7 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 90.806 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.018 min

Lab File: BF138669.D

Acq: 29 Jul 2024 14:08

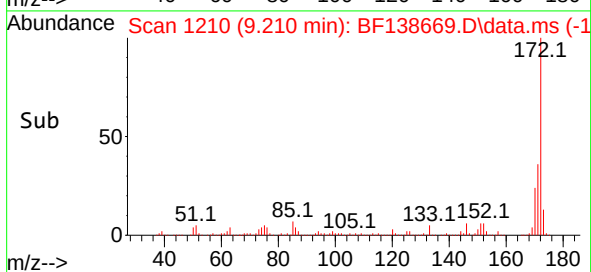
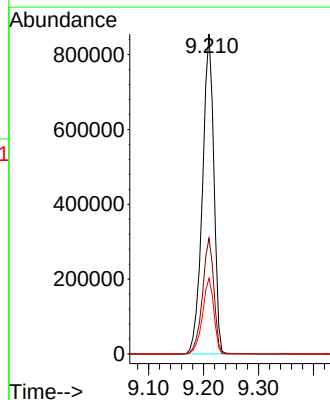
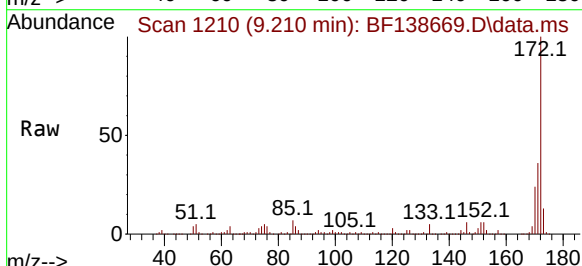
Tgt Ion:172 Resp: 1236304

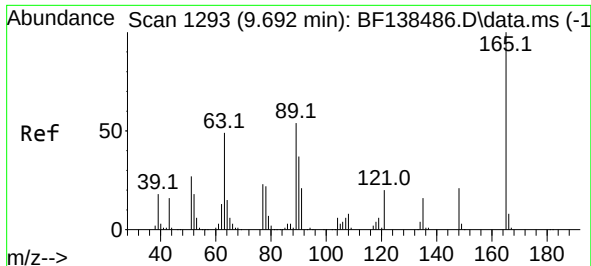
Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 23.7 18.9 28.3

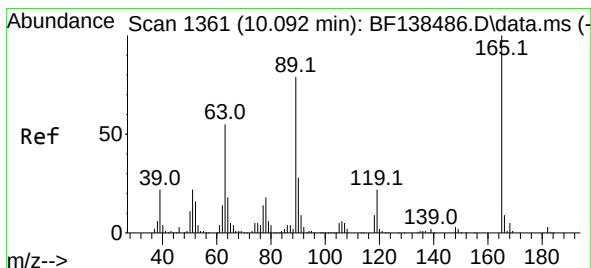
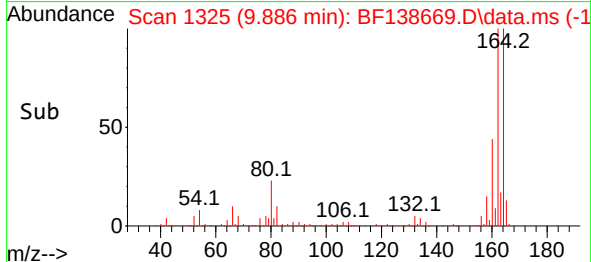
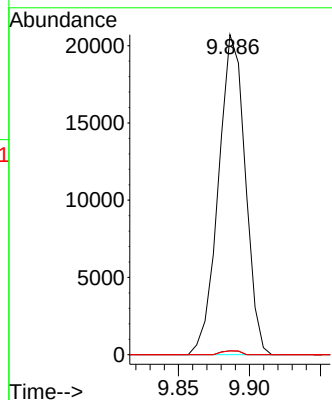
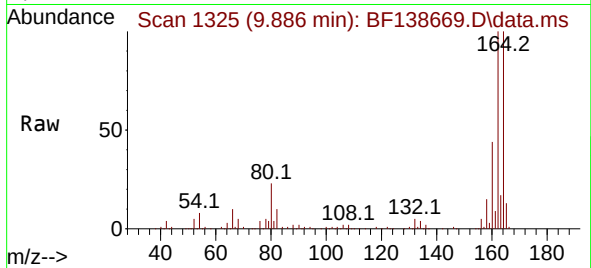




#51
2,6-Dinitrotoluene
Concen: 8.570 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

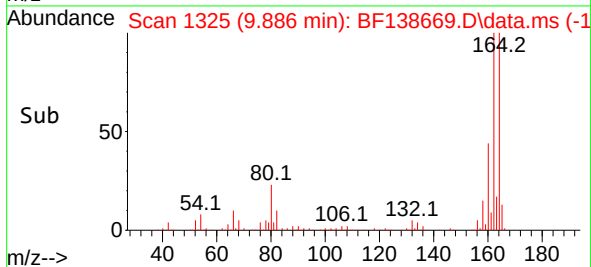
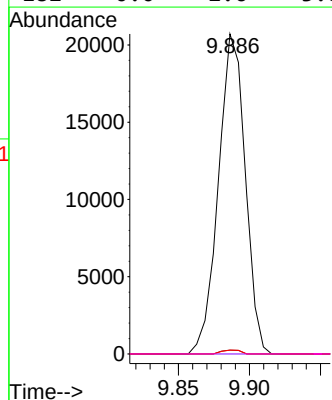
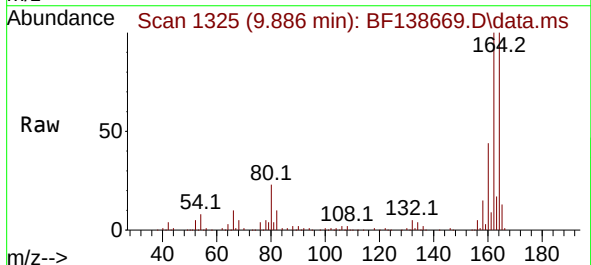
Instrument :
BNA_F
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PB162188BL

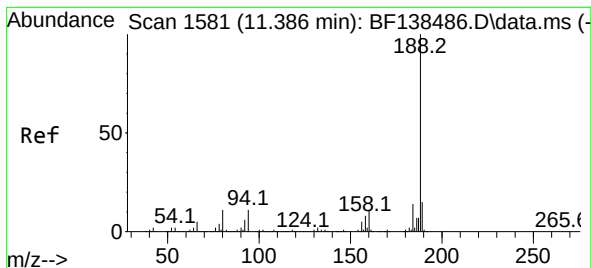
Tgt Ion:165 Resp: 27150
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.2 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.624 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

Tgt Ion:165 Resp: 27150
Ion Ratio Lower Upper
165 100
63 1.2 44.6 66.8#
89 1.2 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138669.D

Acq: 29 Jul 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB162188BL

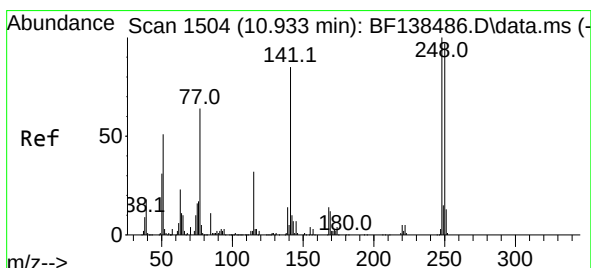
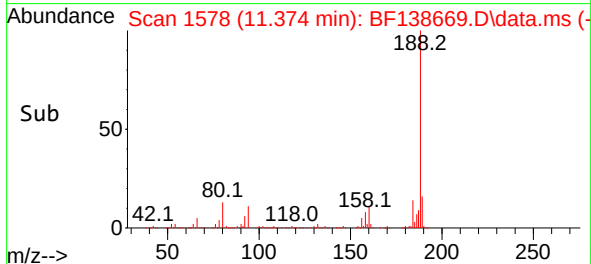
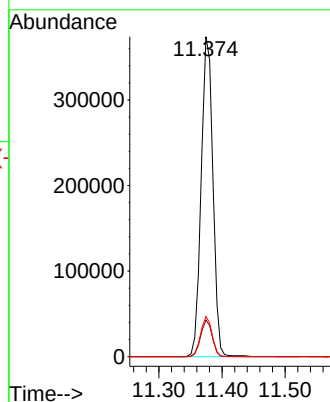
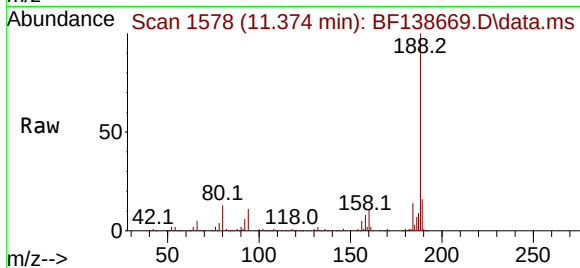
Tgt Ion:188 Resp: 482771

Ion Ratio Lower Upper

188 100

94 11.4 8.7 13.1

80 12.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.522 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138669.D

Acq: 29 Jul 2024 14:08

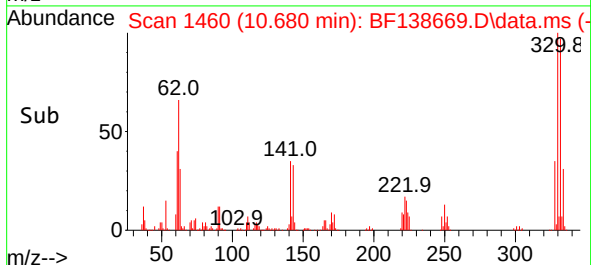
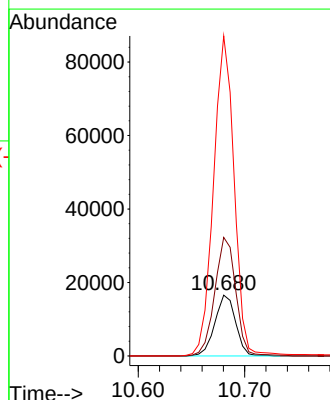
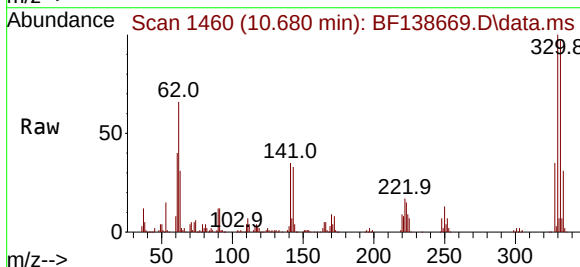
Tgt Ion:248 Resp: 22436

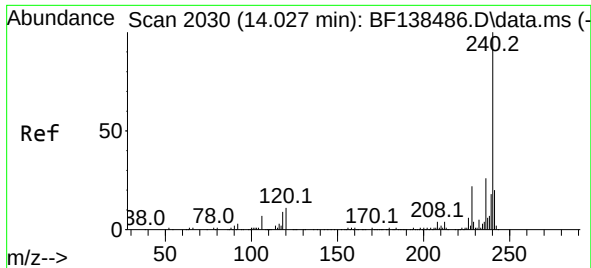
Ion Ratio Lower Upper

248 100

250 195.1 77.9 116.9#

141 526.7 67.7 101.5#

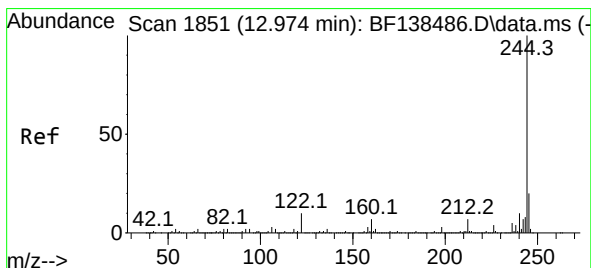
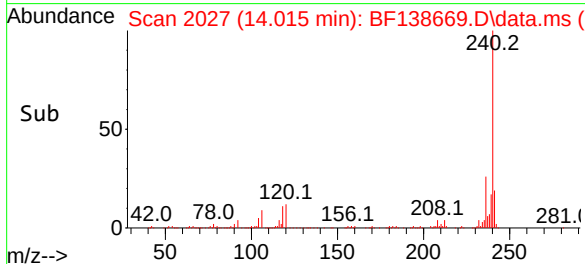
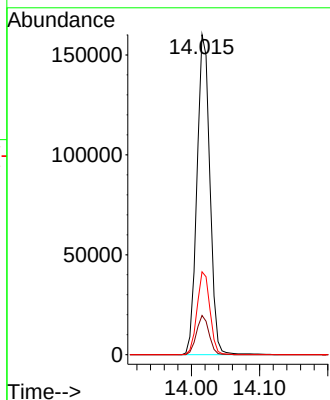
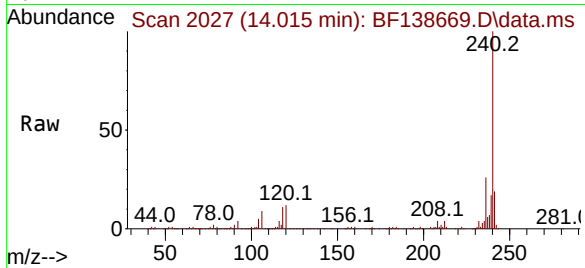




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

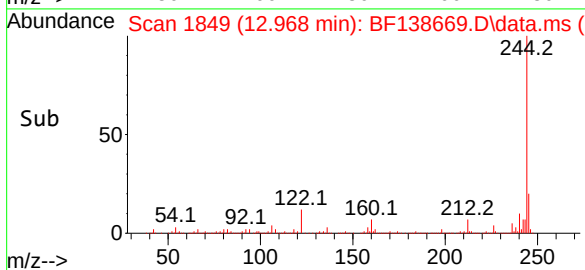
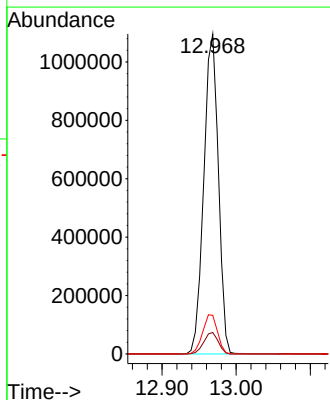
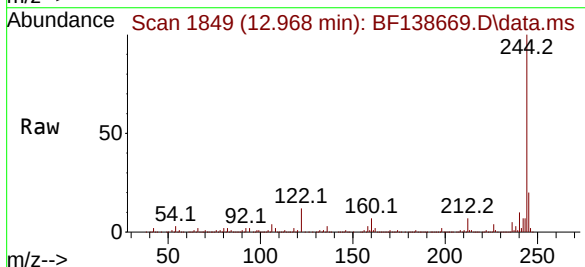
Instrument :
BNA_F
ClientSampleId :
PB162188BL

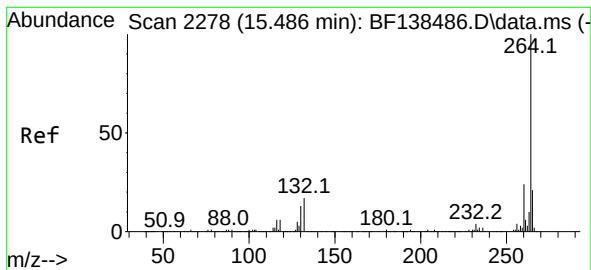
Tgt Ion:240 Resp: 210180
Ion Ratio Lower Upper
240 100
120 12.3 8.6 12.8
236 25.9 21.0 31.6



#79
Terphenyl-d14
Concen: 116.057 ng
RT: 12.968 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF138669.D
Acq: 29 Jul 2024 14:08

Tgt Ion:244 Resp: 1497299
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 12.1 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138669.D

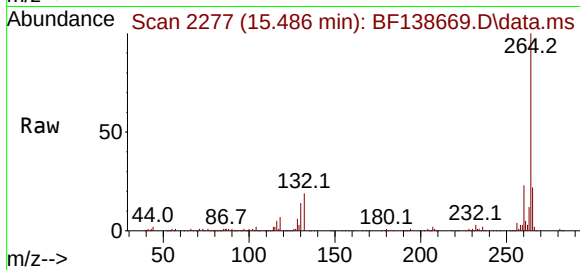
Acq: 29 Jul 2024 14:08

Instrument :

BNA_F

ClientSampleId :

PB162188BL



Tgt Ion:264 Resp: 175299

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.6 17.0 25.4

