

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138382.D
 Acq On : 27 Jun 2024 23:07
 Operator : CG\JU
 Sample : P3064-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-062524

Quant Time: Jun 28 01:15:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

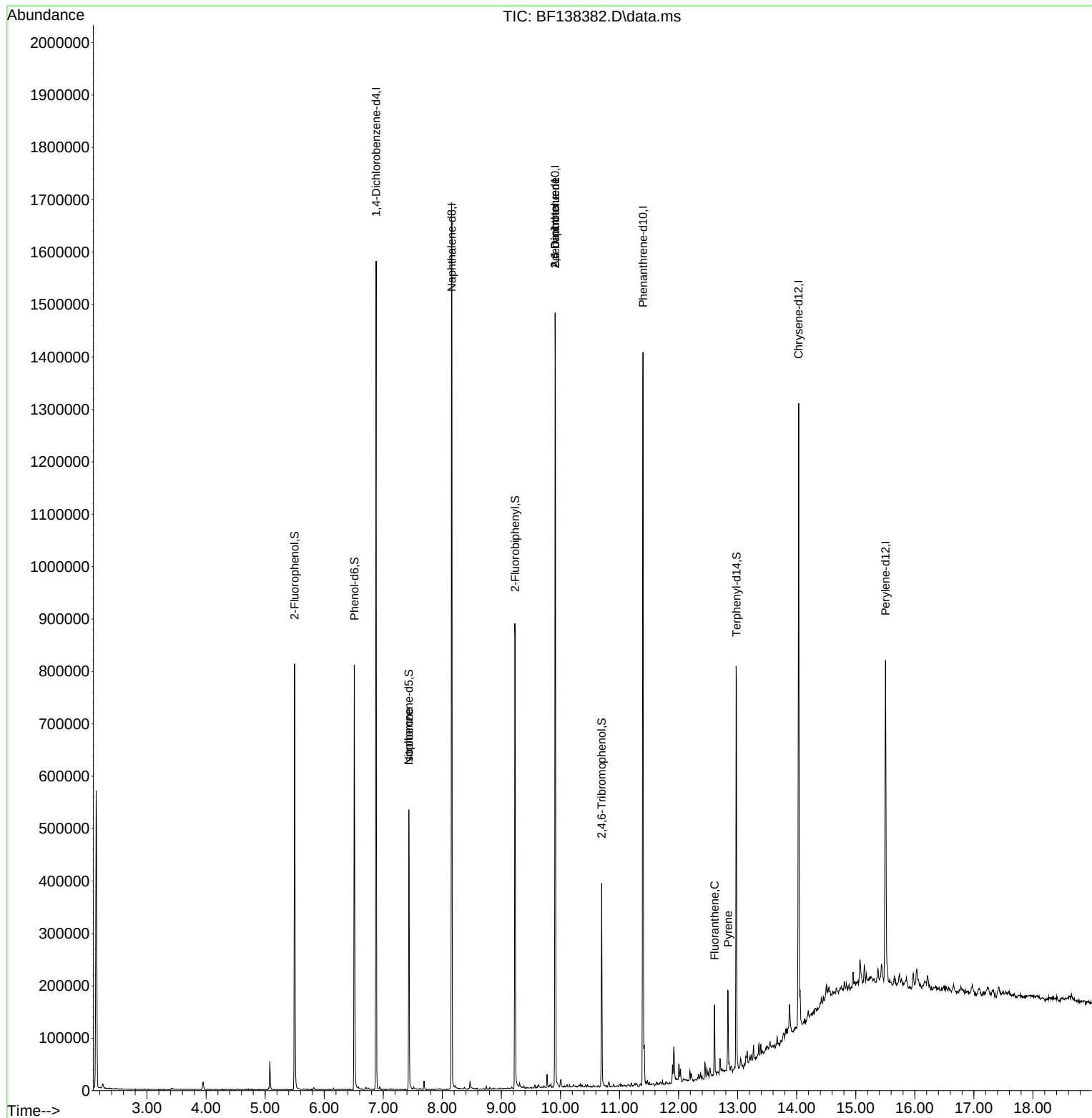
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	222663	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	776827	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	312625	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	477521	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	360320	20.000	ng	-0.02
86) Perylene-d12	15.504	264	289103	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	221867	16.668	ng	-0.01
7) Phenol-d6	6.510	99	261589	15.499	ng	-0.01
23) Nitrobenzene-d5	7.434	82	150111	11.250	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	44493	14.296	ng	-0.02
45) 2-Fluorobiphenyl	9.233	172	291636	14.834	ng	-0.02
79) Terphenyl-d14	12.980	244	281863	12.390	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.434	82	150110	6.219	ng	# 62
51) 2,6-Dinitrotoluene	9.910	165	40684	9.790	ng	# 25
57) 2,4-Dinitrotoluene	9.910	165	40684	7.938	ng	# 31
75) Fluoranthene	12.610	202	52807	2.193	ng	98
78) Pyrene	12.839	202	67180	2.162	ng	97

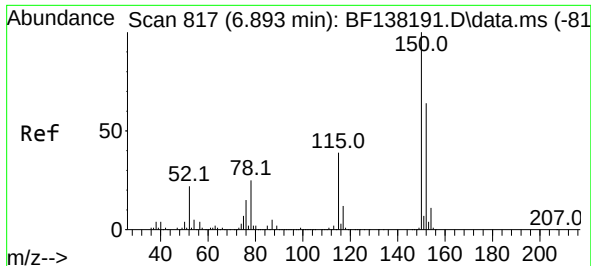
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 28 01:15:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

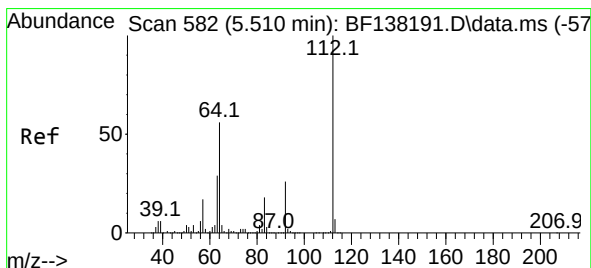
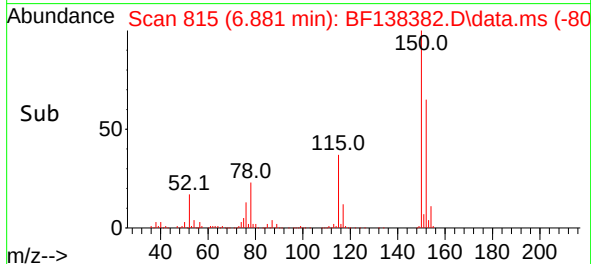
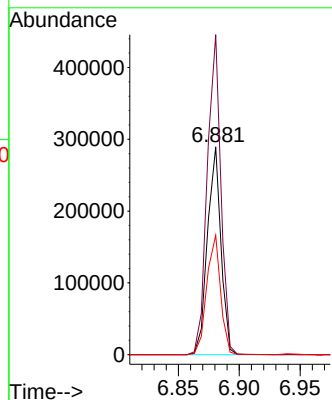
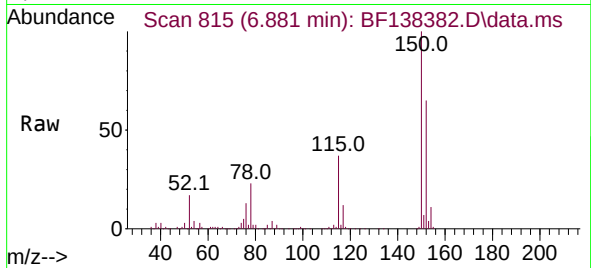




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

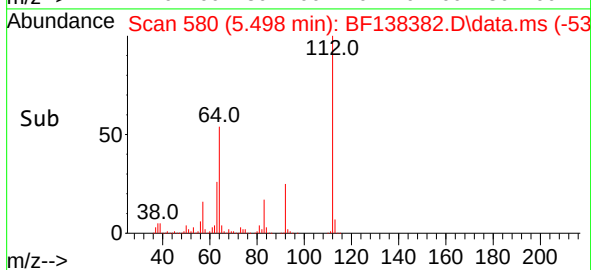
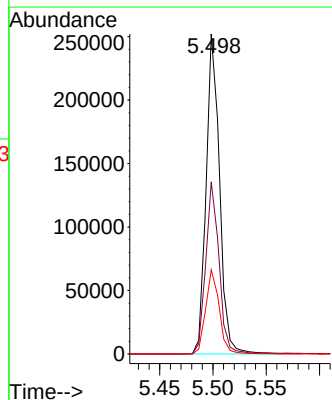
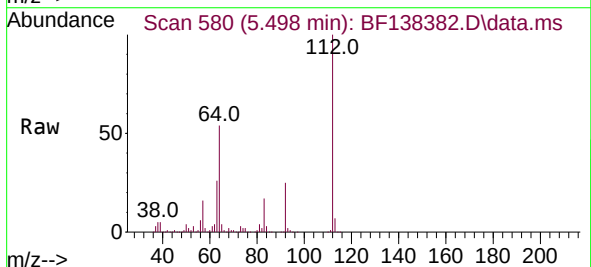
Instrument :
BNA_F
ClientSampleId :
HD-02-062524

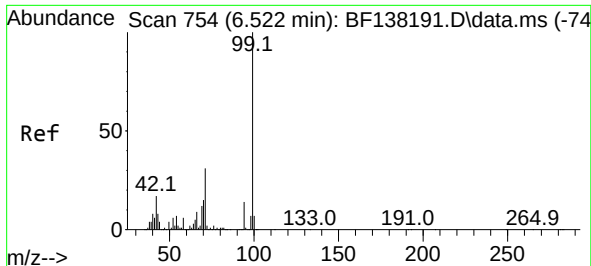
Tgt Ion:152 Resp: 222663
Ion Ratio Lower Upper
152 100
150 153.9 125.0 187.4
115 57.4 48.4 72.6



#5
2-Fluorophenol
Concen: 16.668 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.012 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

Tgt Ion:112 Resp: 221867
Ion Ratio Lower Upper
112 100
64 53.8 45.2 67.8
63 26.3 22.9 34.3

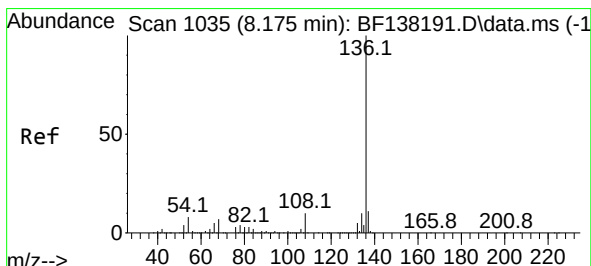
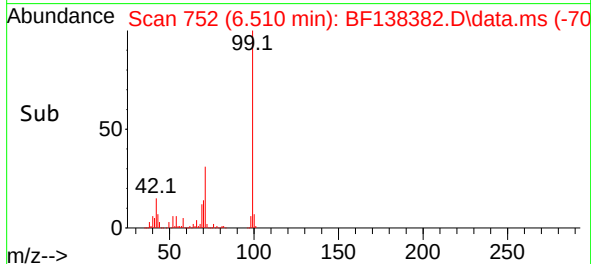
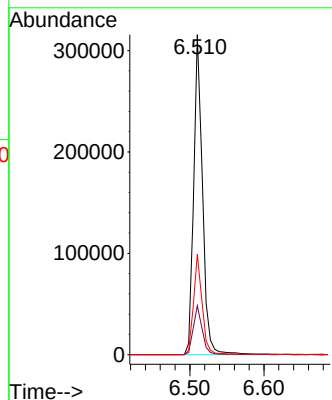
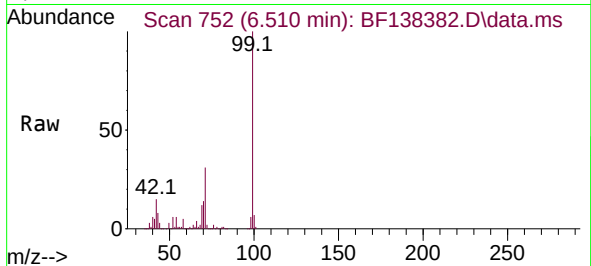




#7
Phenol-d6
Concen: 15.499 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

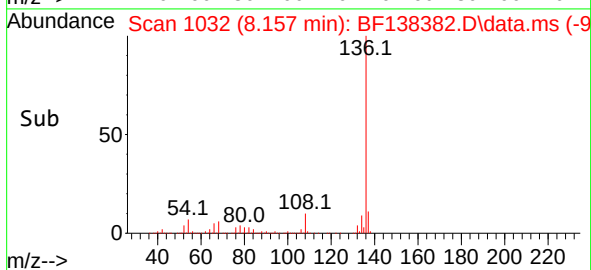
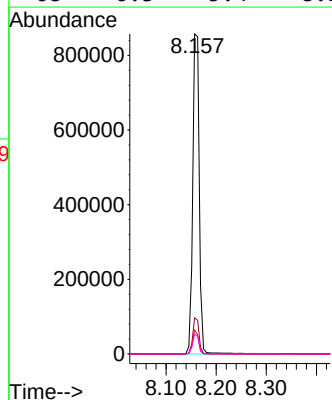
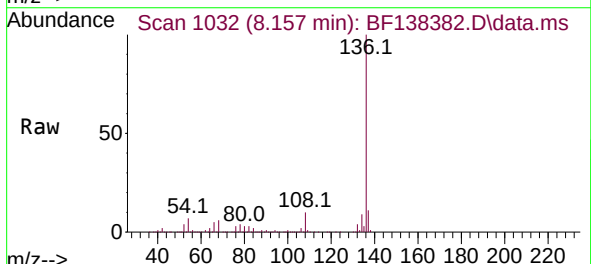
Instrument :
BNA_F
ClientSampleId :
HD-02-062524

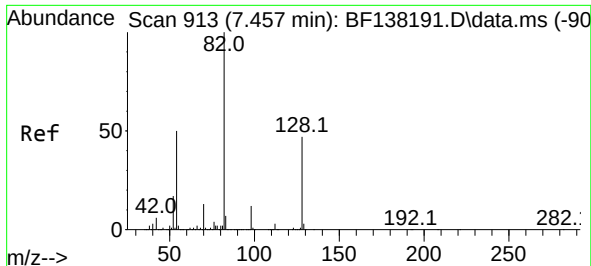
Tgt Ion: 99 Resp: 261589
Ion Ratio Lower Upper
99 100
42 15.3 13.7 20.5
71 31.4 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

Tgt Ion: 136 Resp: 776827
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.5 6.6 10.0
68 6.3 5.4 8.2

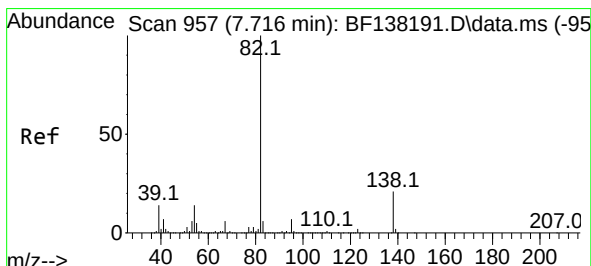
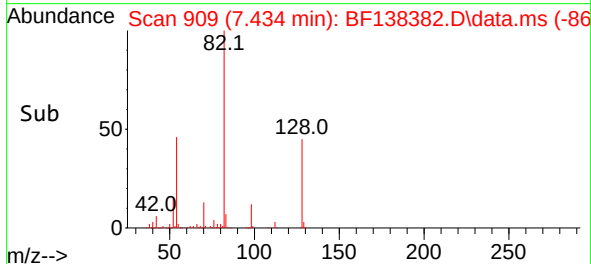
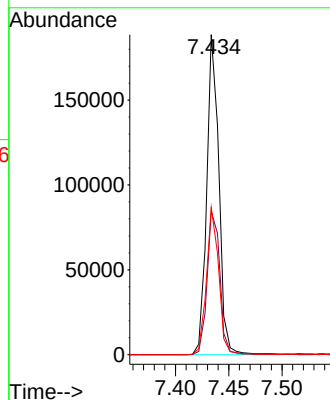
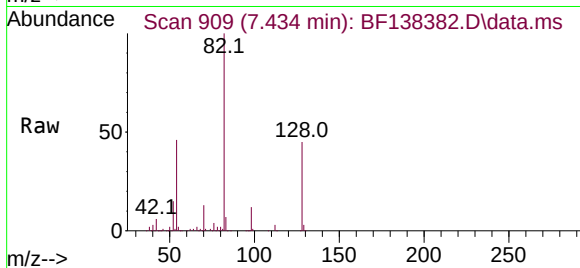




#23
Nitrobenzene-d5
Concen: 11.250 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.024 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

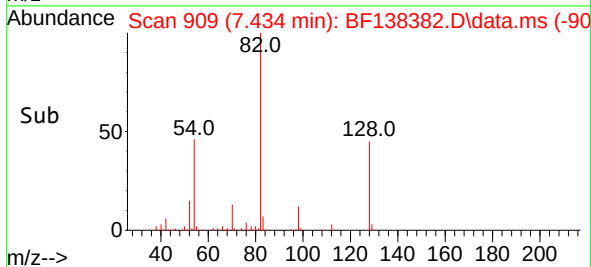
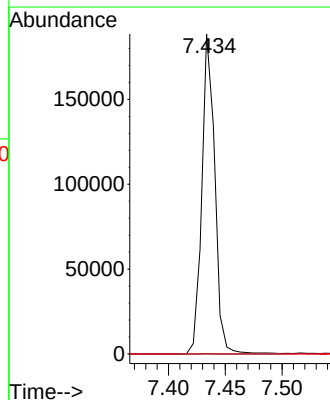
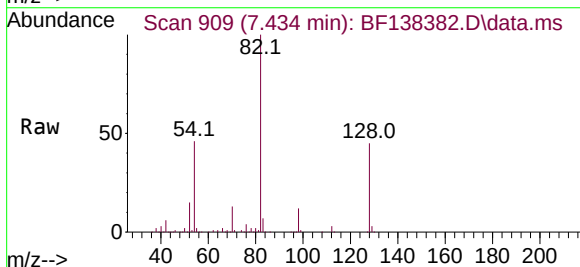
Instrument :
BNA_F
ClientSampleId :
HD-02-062524

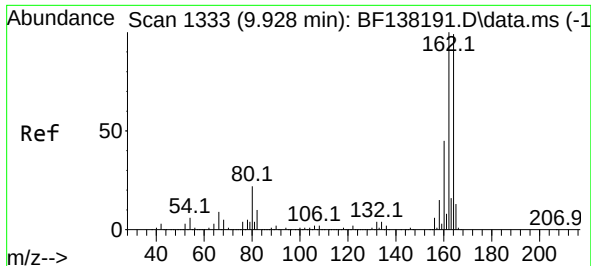
Tgt Ion: 82 Resp: 150111
Ion Ratio Lower Upper
82 100
128 44.9 37.2 55.8
54 46.0 39.8 59.6



#25
Isophorone
Concen: 6.219 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.283 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

Tgt Ion: 82 Resp: 150110
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 16.4 24.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138382.D

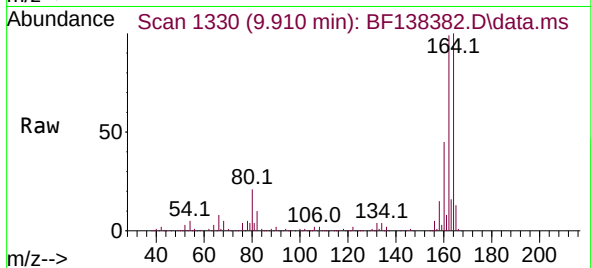
Acq: 27 Jun 2024 23:07

Instrument :

BNA_F

ClientSampleId :

HD-02-062524



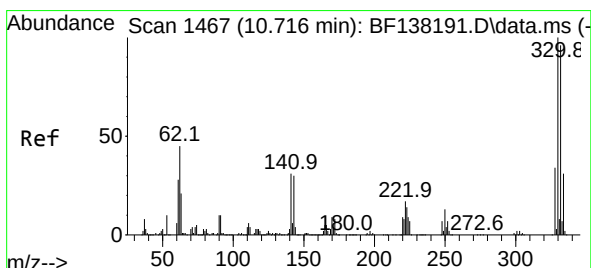
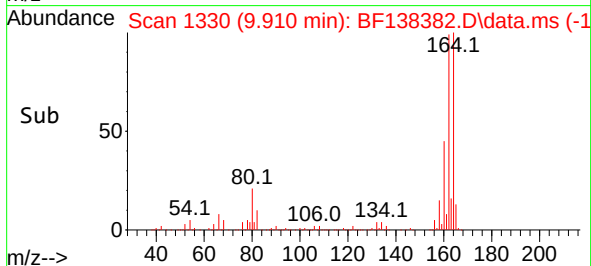
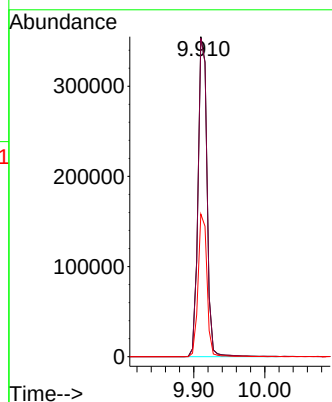
Tgt Ion:164 Resp: 312625

Ion Ratio Lower Upper

164 100

162 99.5 80.6 121.0

160 44.5 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 14.296 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.018 min

Lab File: BF138382.D

Acq: 27 Jun 2024 23:07

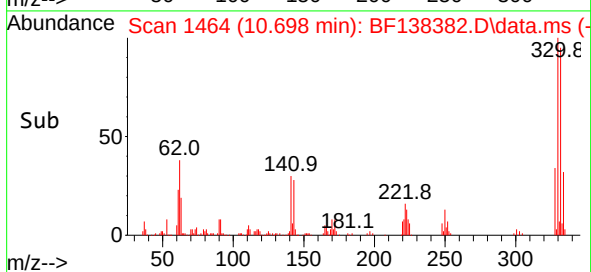
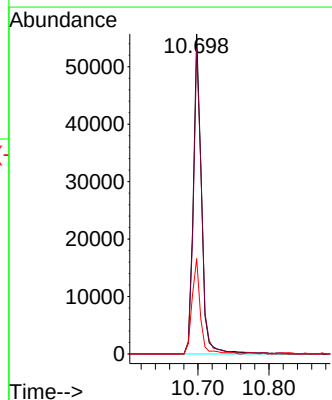
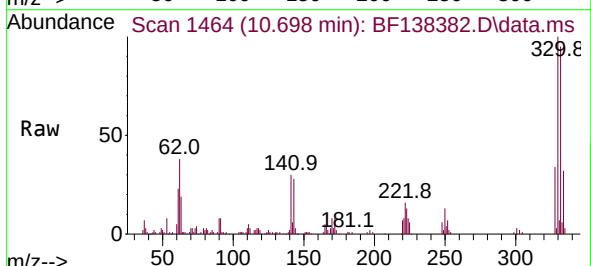
Tgt Ion:330 Resp: 44493

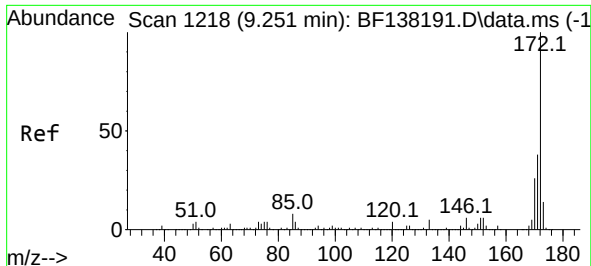
Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

141 30.3 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 14.834 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138382.D

Acq: 27 Jun 2024 23:07

Instrument :

BNA_F

ClientSampleId :

HD-02-062524

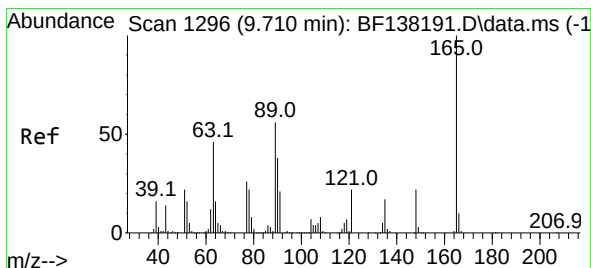
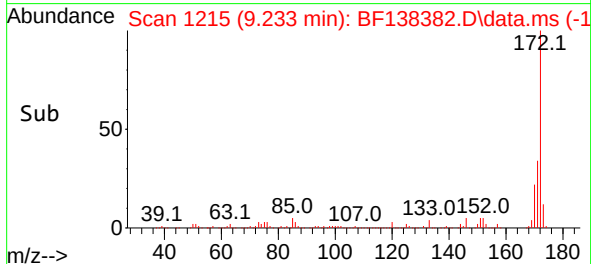
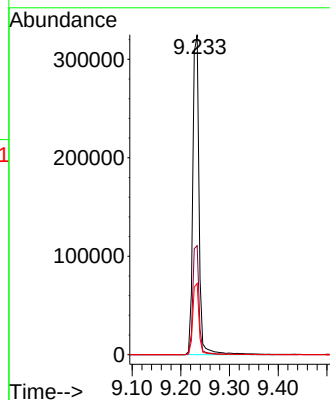
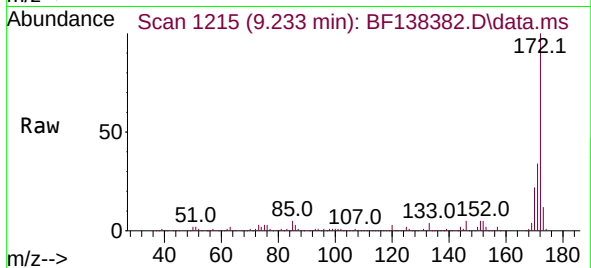
Tgt Ion:172 Resp: 291636

Ion Ratio Lower Upper

172 100

171 34.0 30.3 45.5

170 22.3 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 9.790 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.200 min

Lab File: BF138382.D

Acq: 27 Jun 2024 23:07

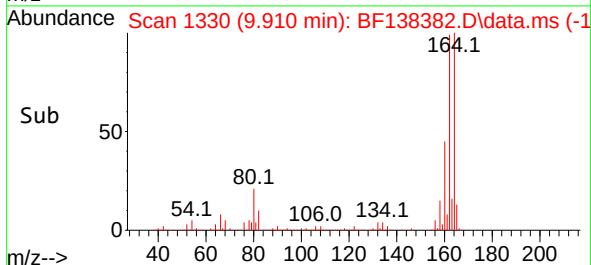
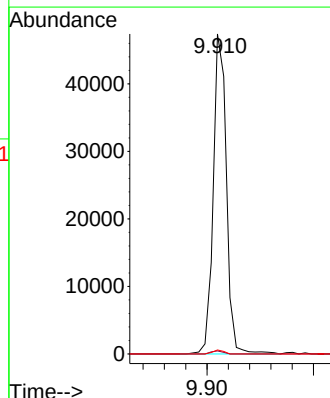
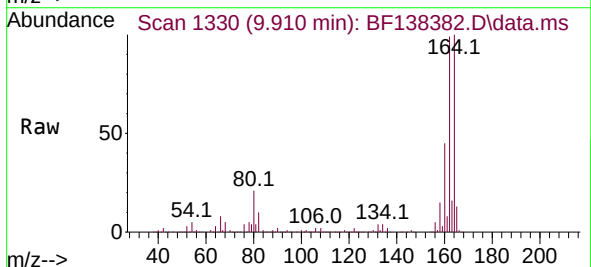
Tgt Ion:165 Resp: 40684

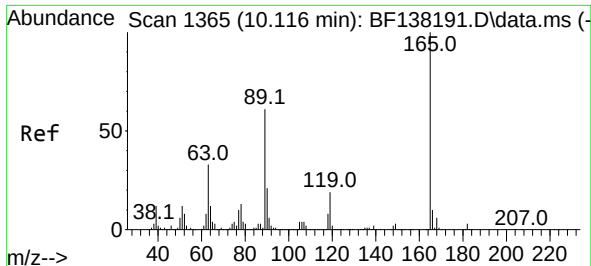
Ion Ratio Lower Upper

165 100

63 0.9 43.7 65.5#

89 1.3 44.9 67.3#

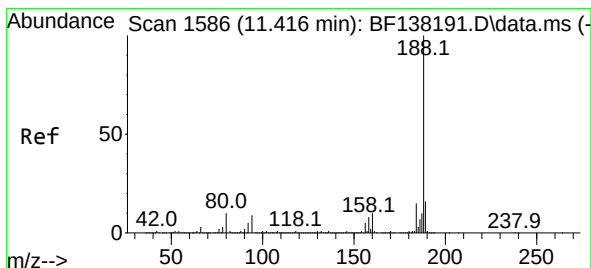
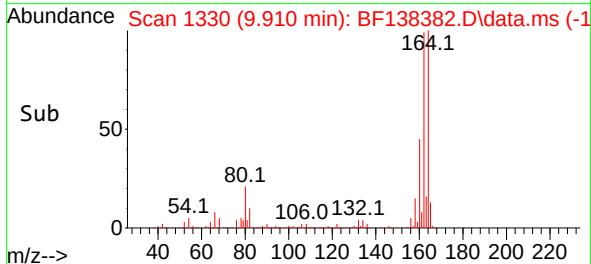
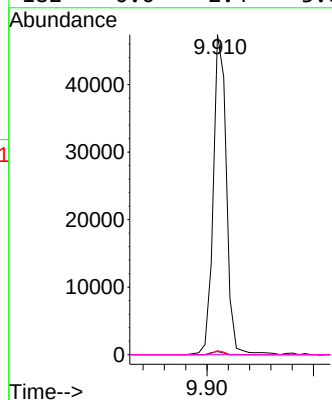
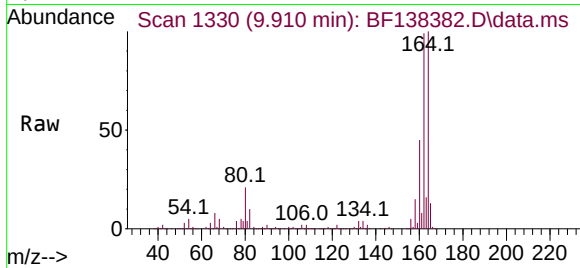




#57
2,4-Dinitrotoluene
Concen: 7.938 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

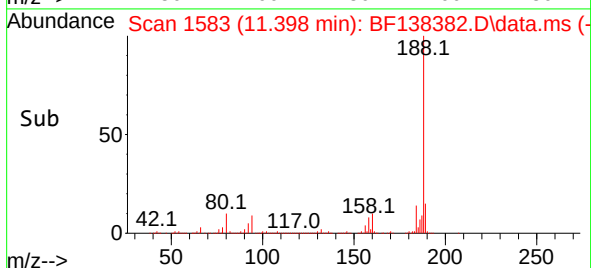
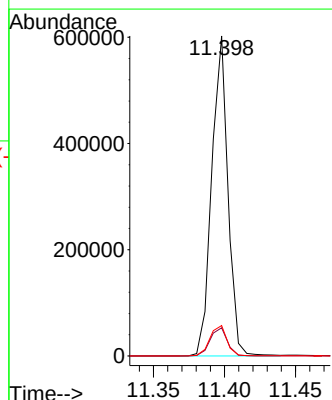
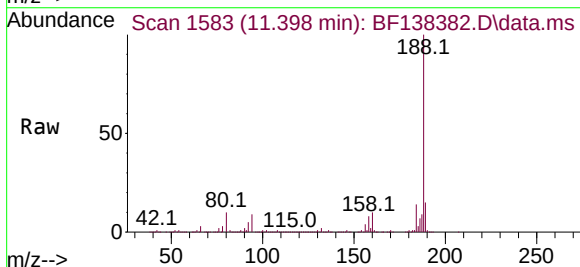
Instrument :
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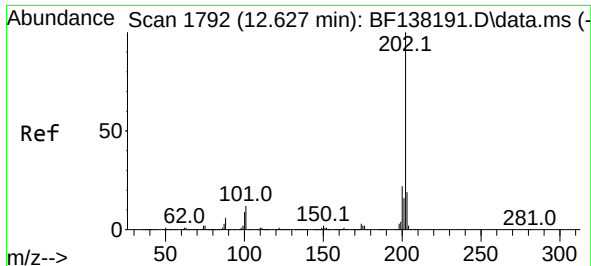
Tgt Ion:165 Resp: 40684
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.3 48.7 73.1#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

Tgt Ion:188 Resp: 477521
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.5 8.1 12.1

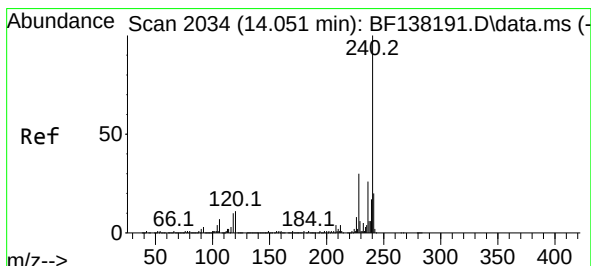
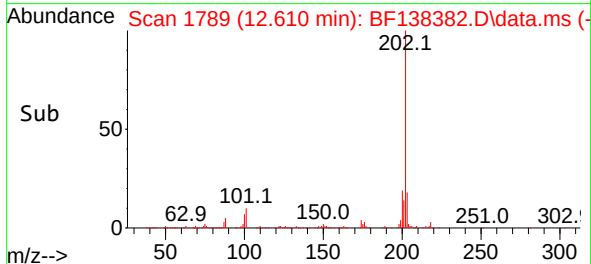
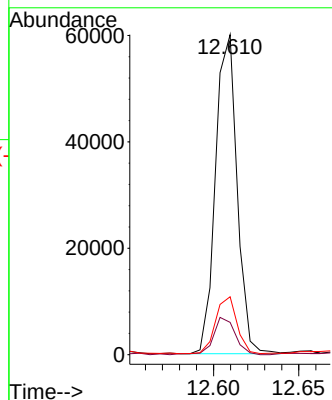
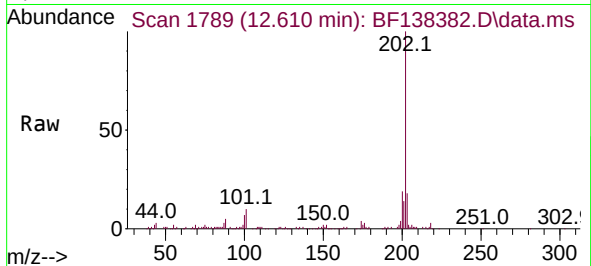




#75
Fluoranthene
Concen: 2.193 ng
RT: 12.610 min Scan# 1792
Delta R.T. -0.018 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

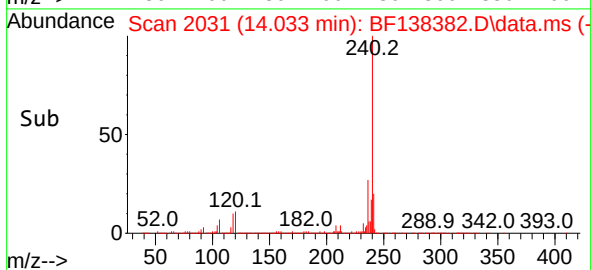
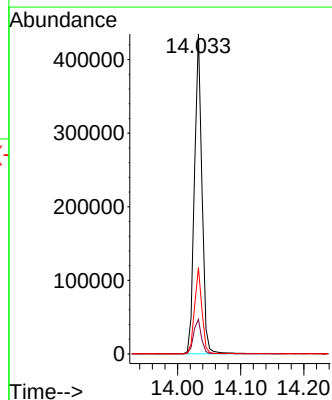
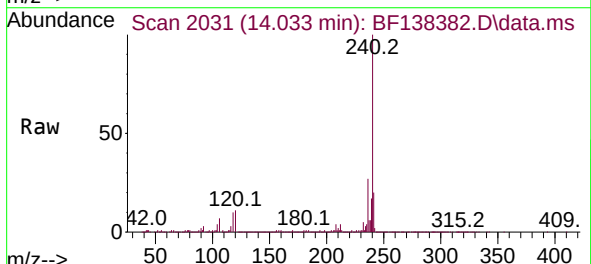
Instrument :
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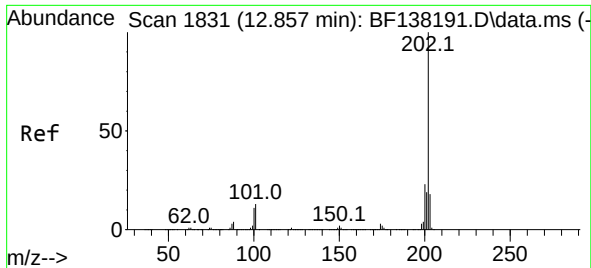
Tgt Ion:202 Resp: 52807
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 18.1 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

Tgt Ion:240 Resp: 360320
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 27.0 21.0 31.6

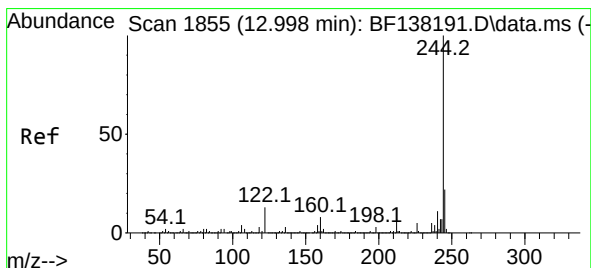
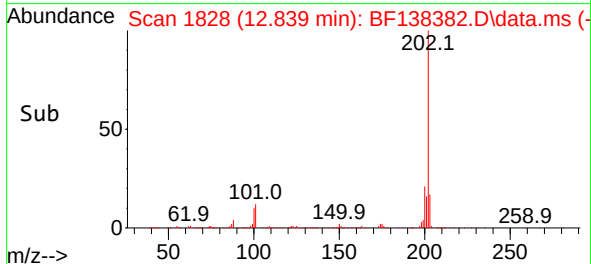
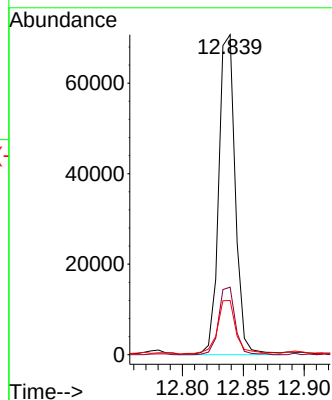
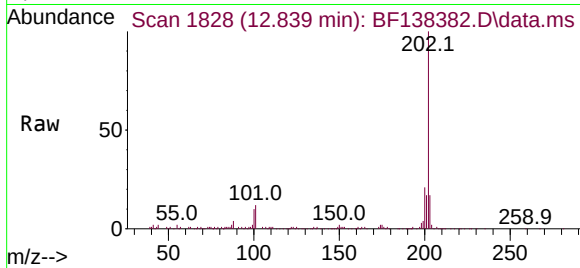




#78
Pyrene
Concen: 2.162 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

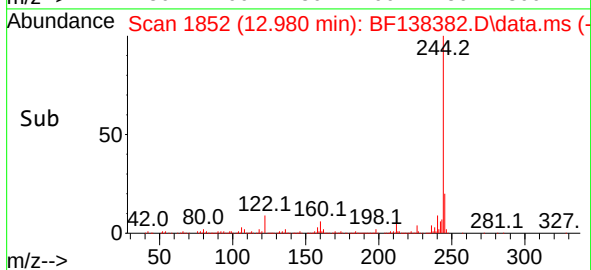
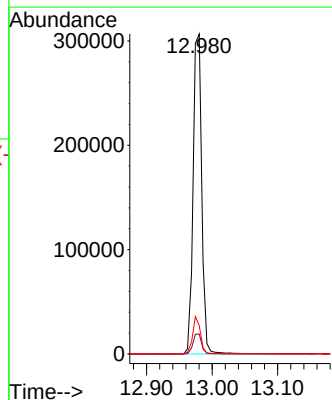
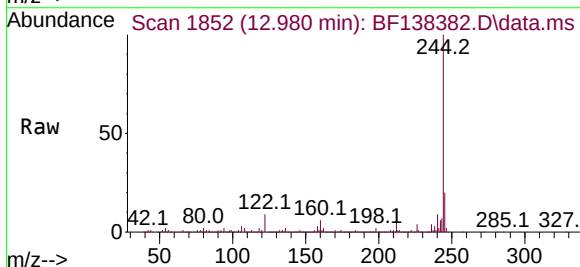
Instrument :
BNA_F
ClientSampleId :
HD-02-062524

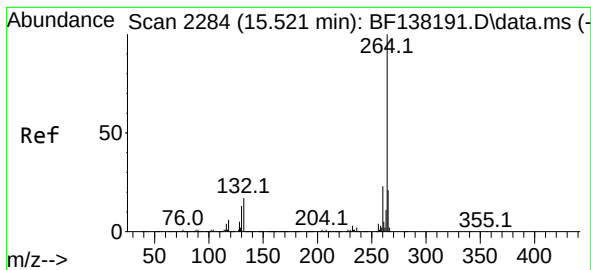
Tgt Ion:202 Resp: 67180
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 17.0 14.7 22.1



#79
Terphenyl-d14
Concen: 12.390 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.018 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

Tgt Ion:244 Resp: 281863
Ion Ratio Lower Upper
244 100
212 6.2 5.9 8.9
122 8.8 10.6 15.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138382.D
Acq: 27 Jun 2024 23:07

Instrument :
BNA_F
ClientSampleId :
HD-02-062524

Tgt Ion:264 Resp: 289103

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.4	17.0	25.6

