

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049906.D
 Acq On : 11 Apr 2025 18:13
 Operator : RC/JU
 Sample : Q1768-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CRUSHED STONE

Quant Time: Apr 11 23:04:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

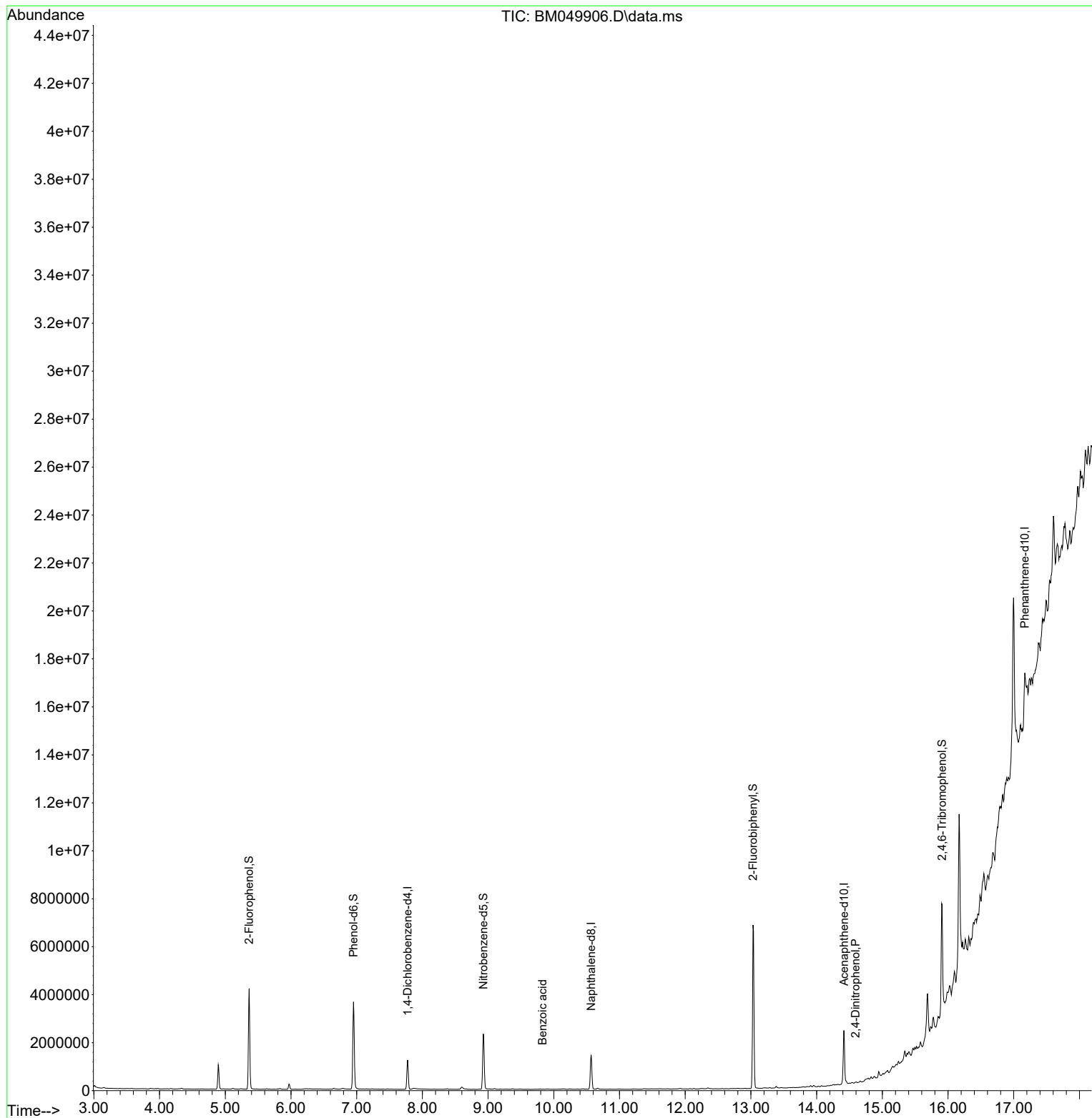
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	352261	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1212078	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	792866	20.000	ng	0.00
64) Phenanthrene-d10	17.168	188	1644962	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	1813987	20.000	ng	0.01
86) Perylene-d12	24.403	264	1671988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1866157	89.958	ng	0.00
7) Phenol-d6	6.951	99	2212344	85.716	ng	0.00
23) Nitrobenzene-d5	8.928	82	1342661	61.684	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1111015	96.338	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	3742501	64.007	ng	-0.01
79) Terphenyl-d14	19.803	244	5810663	60.031	ng	0.01
Target Compounds						
32) Benzoic acid	9.828	122	2676	8.679	ng	# 61
54) 2,4-Dinitrophenol	14.592	184	120	7.238	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.315	149	1845094	26.959	ng	# 93

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

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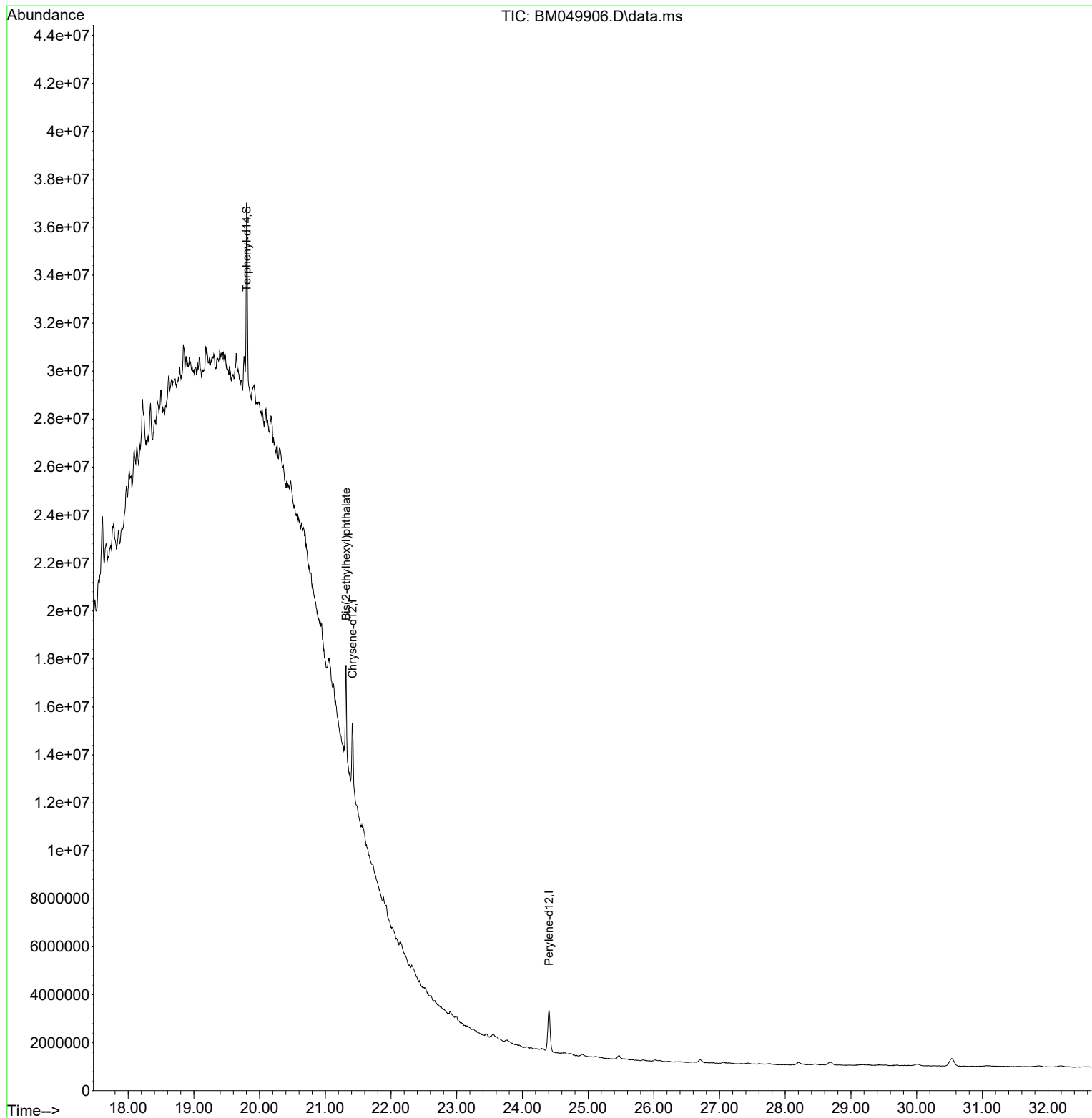
Quant Time: Apr 11 23:04:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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Response via : Initial Calibration

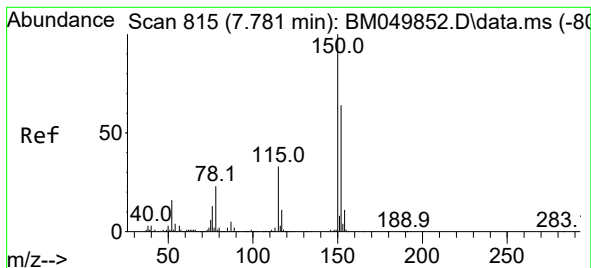


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
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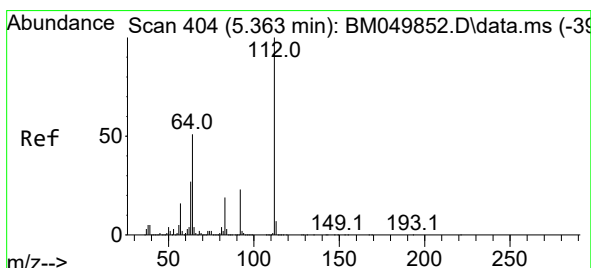
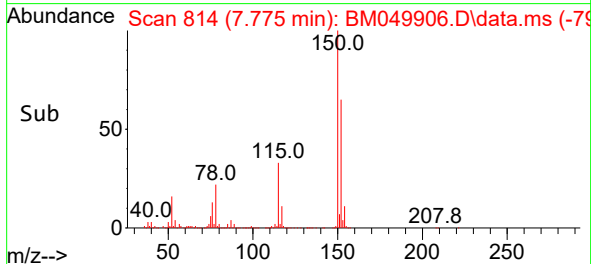
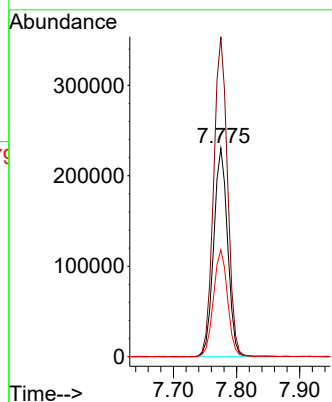
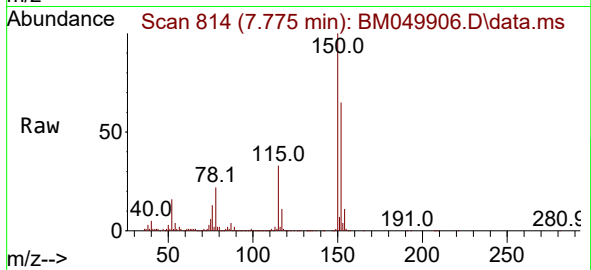




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049906.D
Acq: 11 Apr 2025 18:13

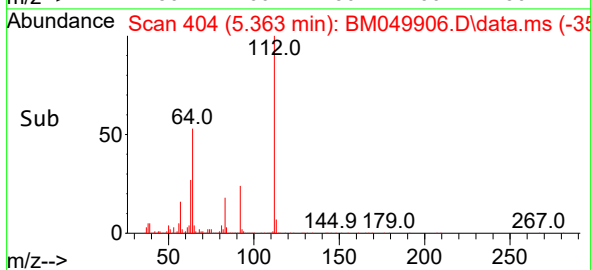
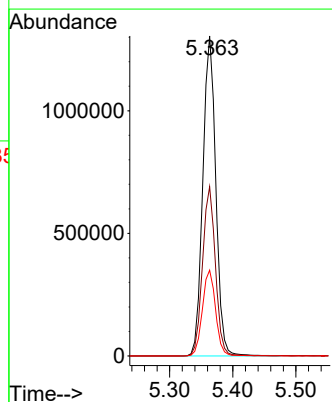
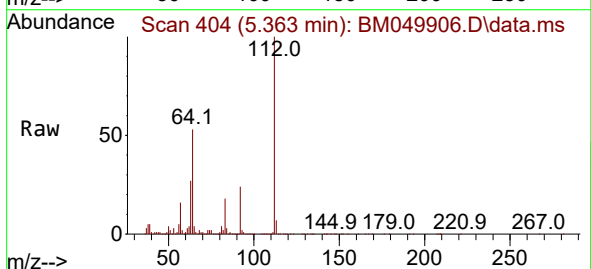
Instrument :
BNA_M
ClientSampleId :
CRUSHED STONE

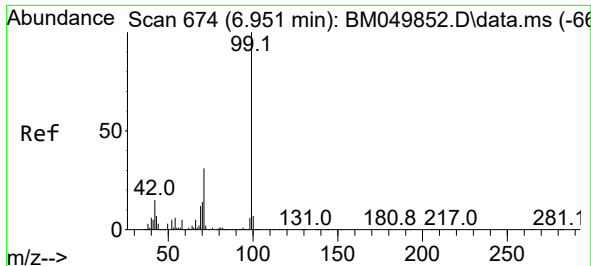
Tgt Ion:152 Resp: 352261
Ion Ratio Lower Upper
152 100
150 153.5 124.3 186.5
115 51.2 41.1 61.7



#5
2-Fluorophenol
Concen: 89.958 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049906.D
Acq: 11 Apr 2025 18:13

Tgt Ion:112 Resp: 1866157
Ion Ratio Lower Upper
112 100
64 52.9 41.0 61.6
63 26.8 21.5 32.3

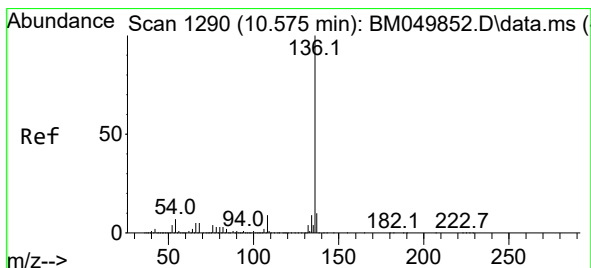
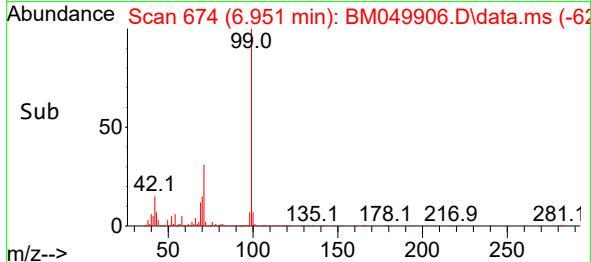
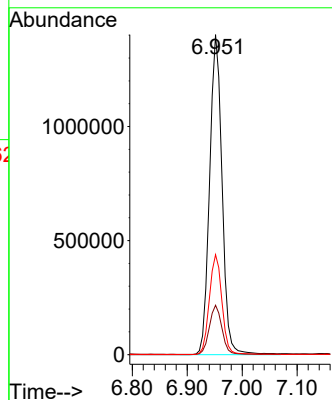
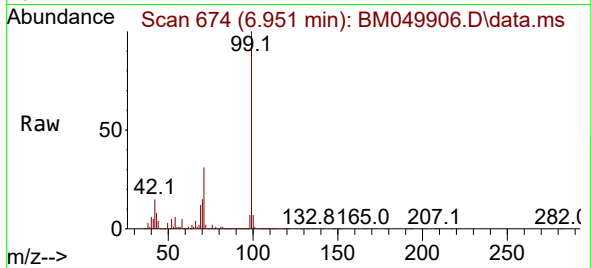




#7
Phenol-d6
Concen: 85.716 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049906.D
Acq: 11 Apr 2025 18:13

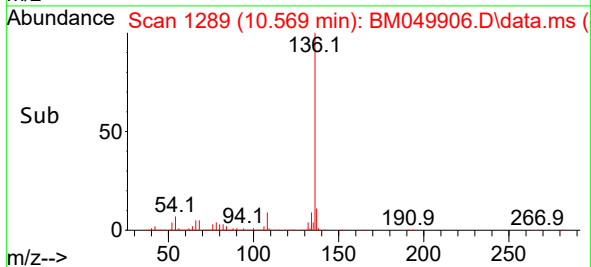
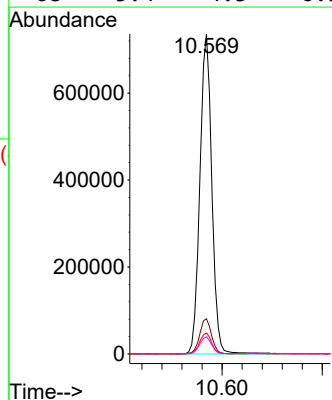
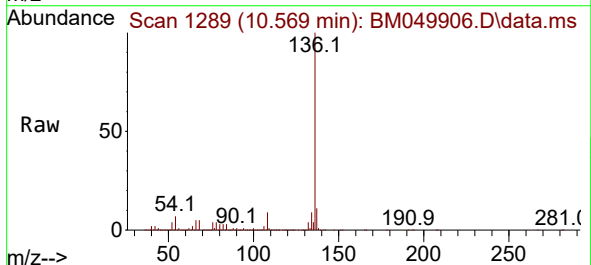
Instrument :
BNA_M
ClientSampleId :
CRUSHED STONE

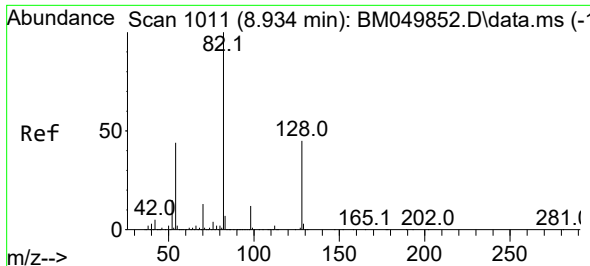
Tgt Ion: 99 Resp: 2212344
Ion Ratio Lower Upper
99 100
42 15.5 12.1 18.1
71 31.3 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049906.D
Acq: 11 Apr 2025 18:13

Tgt Ion:136 Resp: 1212078
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.6 5.3 7.9
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 61.684 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BM049906.D

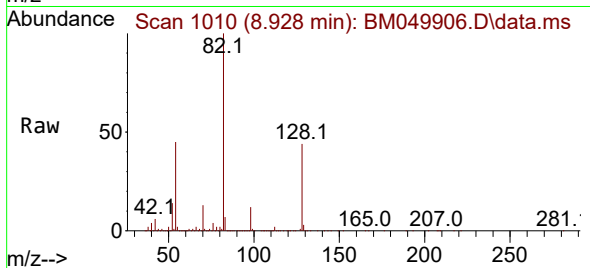
Acq: 11 Apr 2025 18:13

Instrument :

BNA_M

ClientSampleId :

CRUSHED STONE



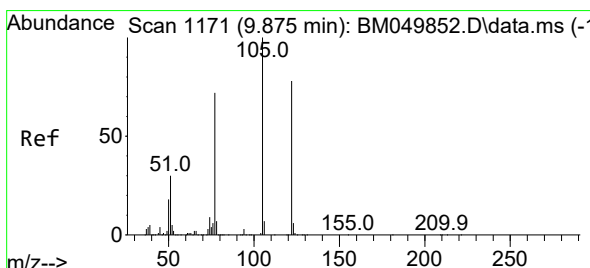
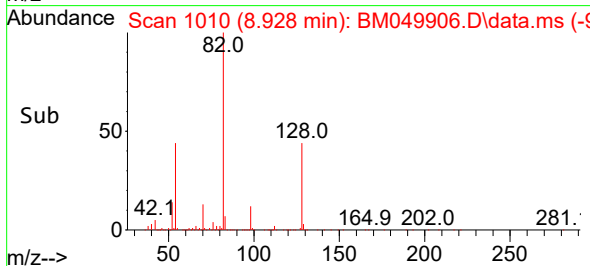
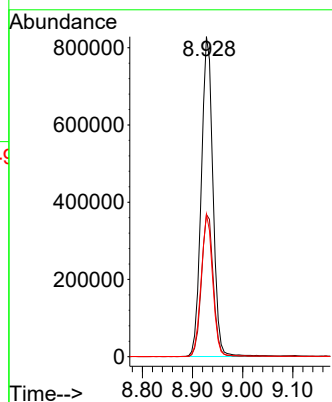
Tgt Ion: 82 Resp: 1342661

Ion Ratio Lower Upper

82 100

128 44.5 36.2 54.2

54 44.5 35.0 52.6



#32

Benzoic acid

Concen: 8.679 ng

RT: 9.828 min Scan# 1163

Delta R.T. -0.047 min

Lab File: BM049906.D

Acq: 11 Apr 2025 18:13

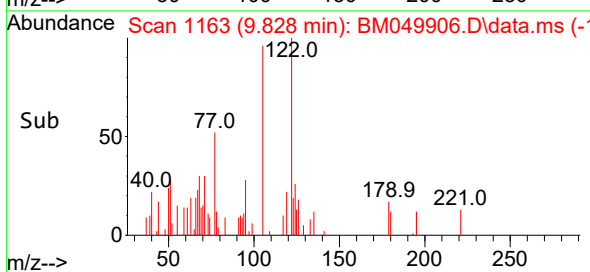
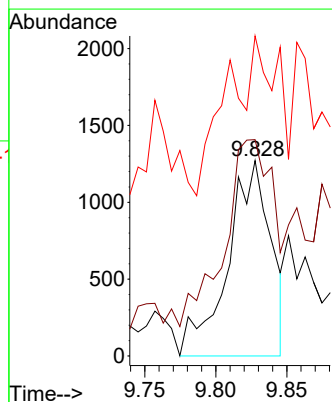
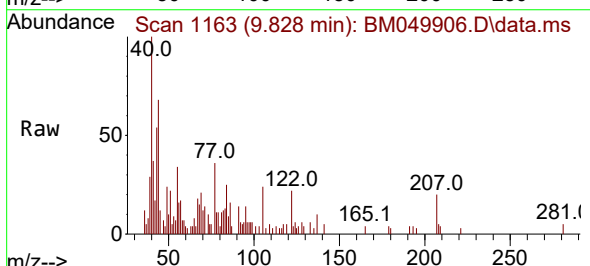
Tgt Ion:122 Resp: 2676

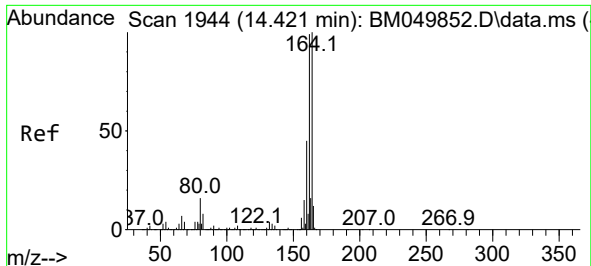
Ion Ratio Lower Upper

122 100

105 110.8 103.8 143.8

77 163.8 70.7 110.7#

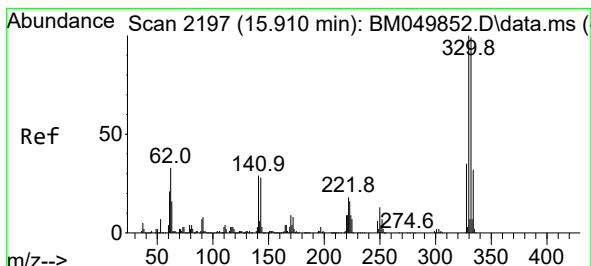
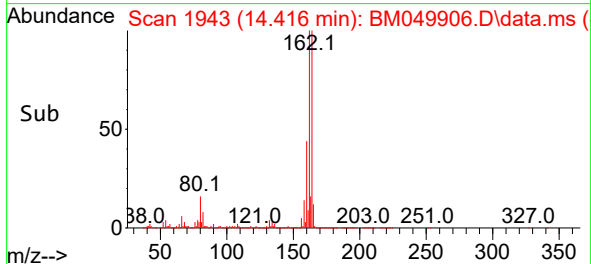
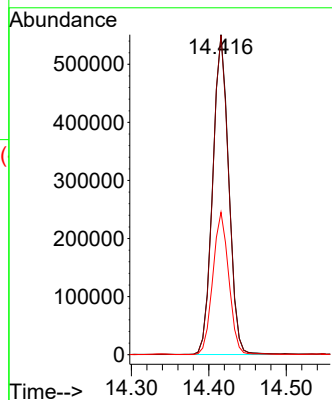
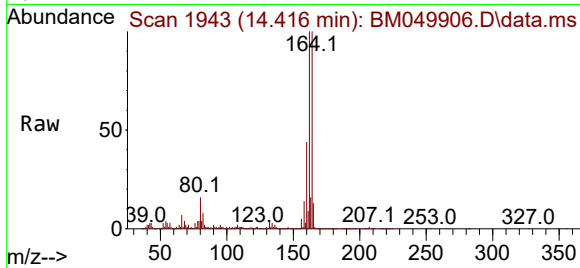




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049906.D
Acq: 11 Apr 2025 18:13

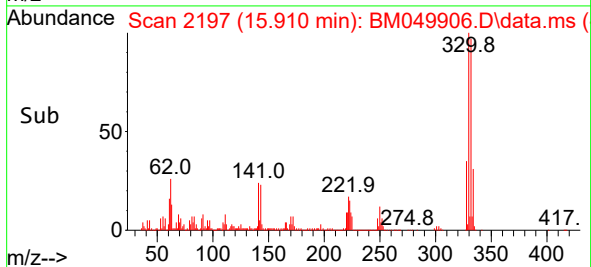
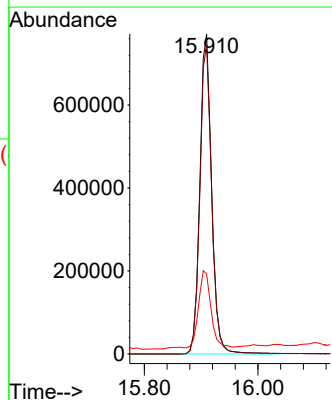
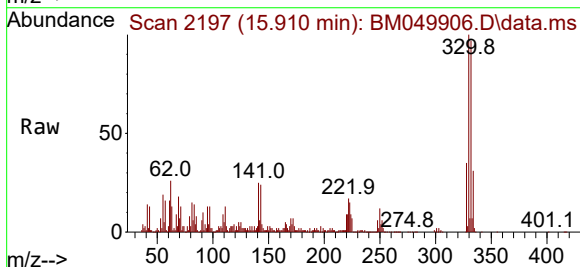
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ClientSampleId :
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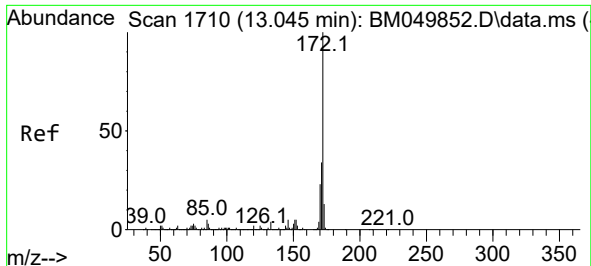
Tgt Ion:164 Resp: 792866
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.0
160 44.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 96.338 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049906.D
Acq: 11 Apr 2025 18:13

Tgt Ion:330 Resp: 1111015
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 25.3 23.5 35.3

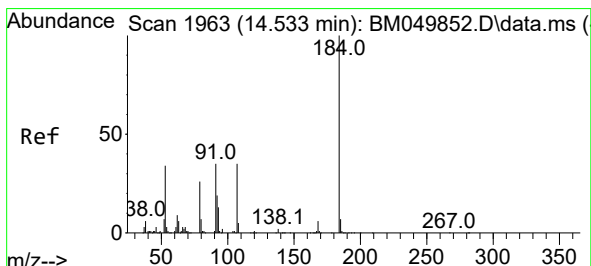
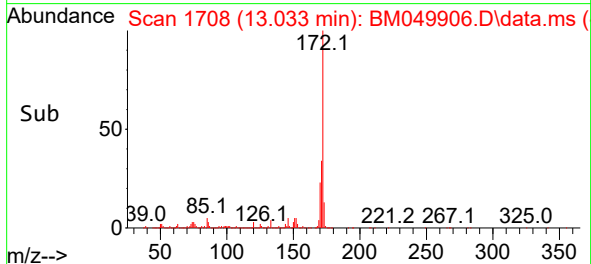
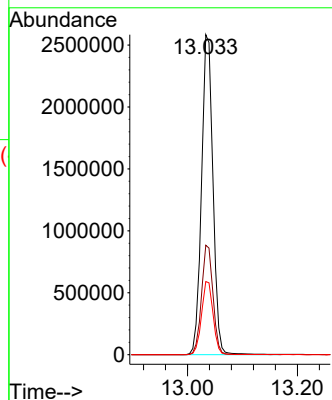
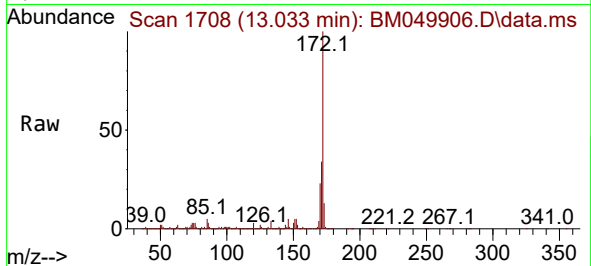




#45
2-Fluorobiphenyl
Concen: 64.007 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049906.D
Acq: 11 Apr 2025 18:13

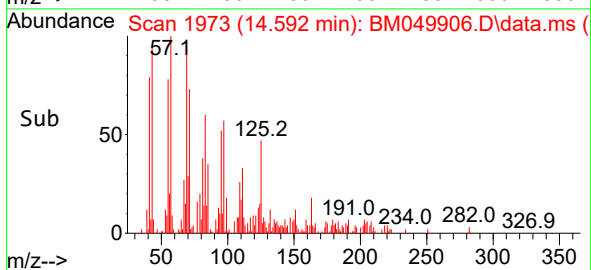
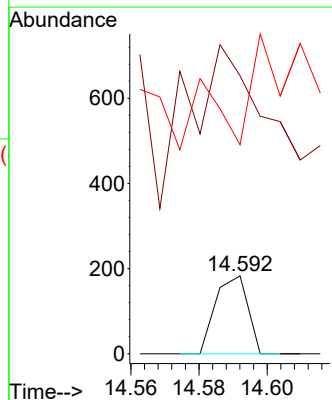
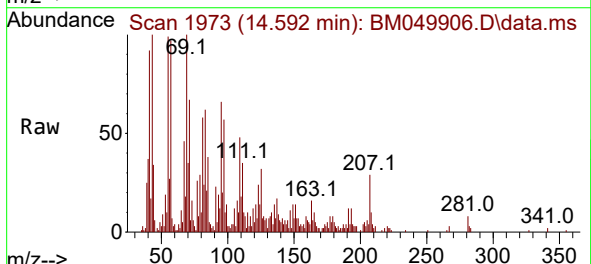
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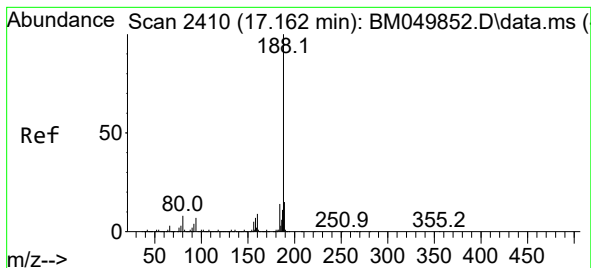
Tgt Ion:172 Resp: 3742501
Ion Ratio Lower Upper
172 100
171 34.2 27.4 41.2
170 22.9 18.6 28.0



#54
2,4-Dinitrophenol
Concen: 7.238 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.059 min
Lab File: BM049906.D
Acq: 11 Apr 2025 18:13

Tgt Ion:184 Resp: 120
Ion Ratio Lower Upper
184 100
63 356.8 38.4 57.6#
154 268.3 48.1 72.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.168 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BM049906.D

Acq: 11 Apr 2025 18:13

Instrument :

BNA_M

ClientSampleId :

CRUSHED STONE

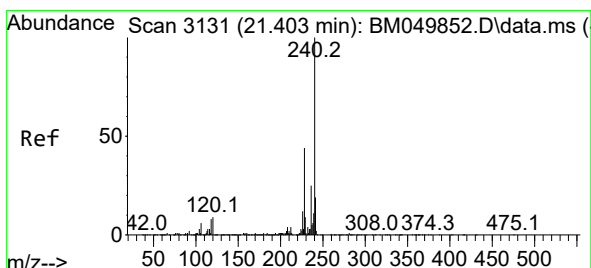
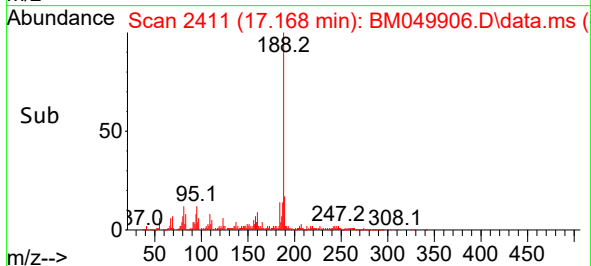
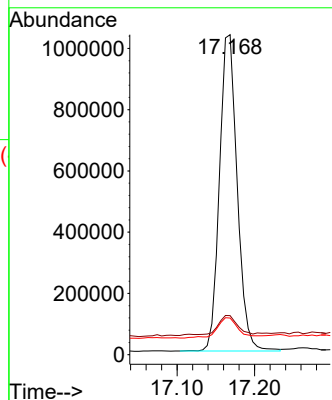
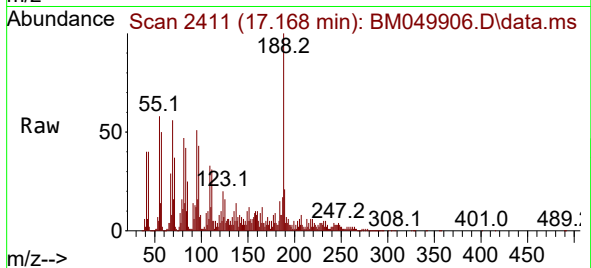
Tgt Ion:188 Resp: 1644962

Ion Ratio Lower Upper

188 100

94 12.2 5.8 8.6#

80 11.4 6.4 9.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3133

Delta R.T. 0.012 min

Lab File: BM049906.D

Acq: 11 Apr 2025 18:13

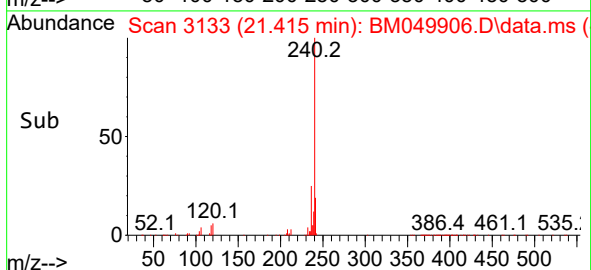
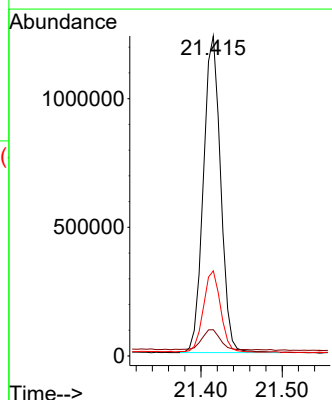
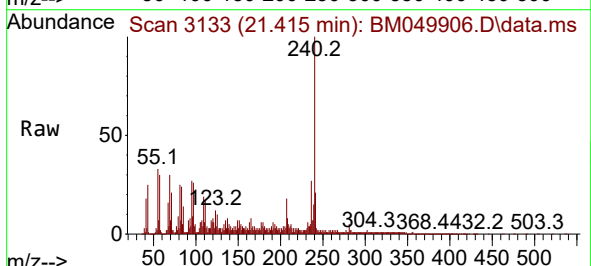
Tgt Ion:240 Resp: 1813987

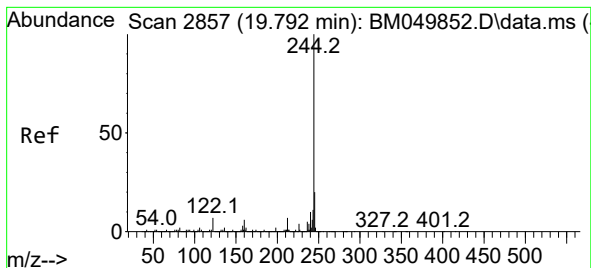
Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

236 26.6 20.4 30.6





#79

Terphenyl-d14

Concen: 60.031 ng

RT: 19.803 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM049906.D

Acq: 11 Apr 2025 18:13

Instrument :

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CRUSHED STONE

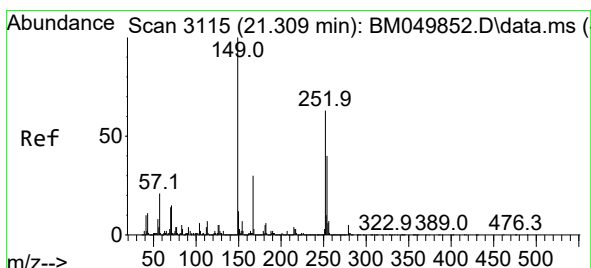
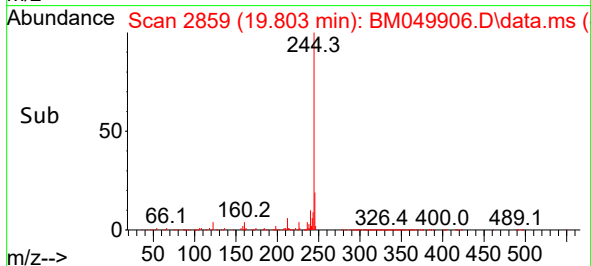
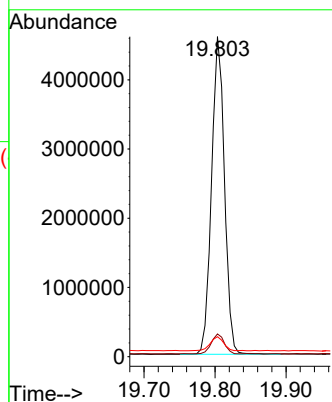
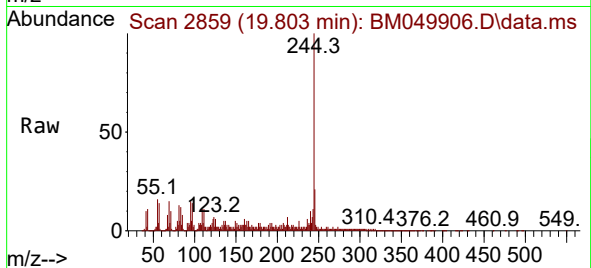
Tgt Ion:244 Resp: 5810663

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 6.3 5.4 8.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.959 ng

RT: 21.315 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BM049906.D

Acq: 11 Apr 2025 18:13

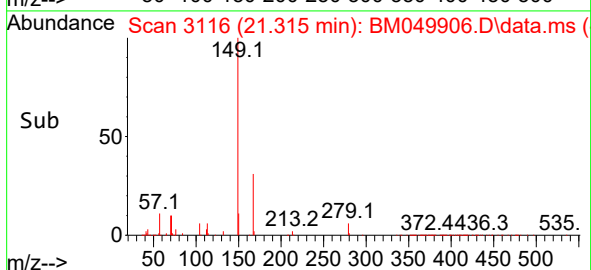
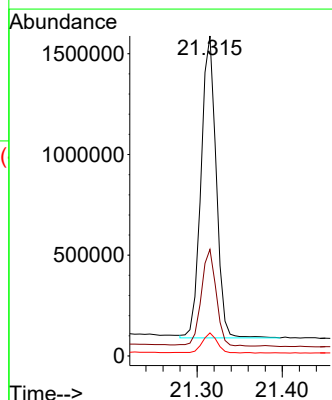
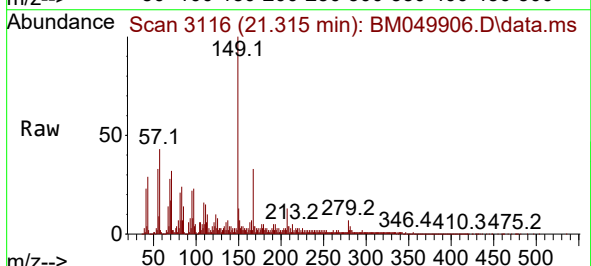
Tgt Ion:149 Resp: 1845094

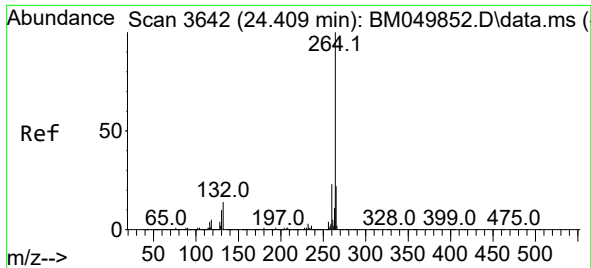
Ion Ratio Lower Upper

149 100

167 33.3 23.8 35.6

279 7.2 3.8 5.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM049906.D
Acq: 11 Apr 2025 18:13

Instrument :
BNA_M
ClientSampleId :
CRUSHED STONE

Tgt Ion:264 Resp: 1671988

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.4	17.8	26.8

