

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
 Data File : BM049964.D
 Acq On : 18 Apr 2025 13:49
 Operator : RC/JU
 Sample : Q1826-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Apr 18 14:24:56 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)

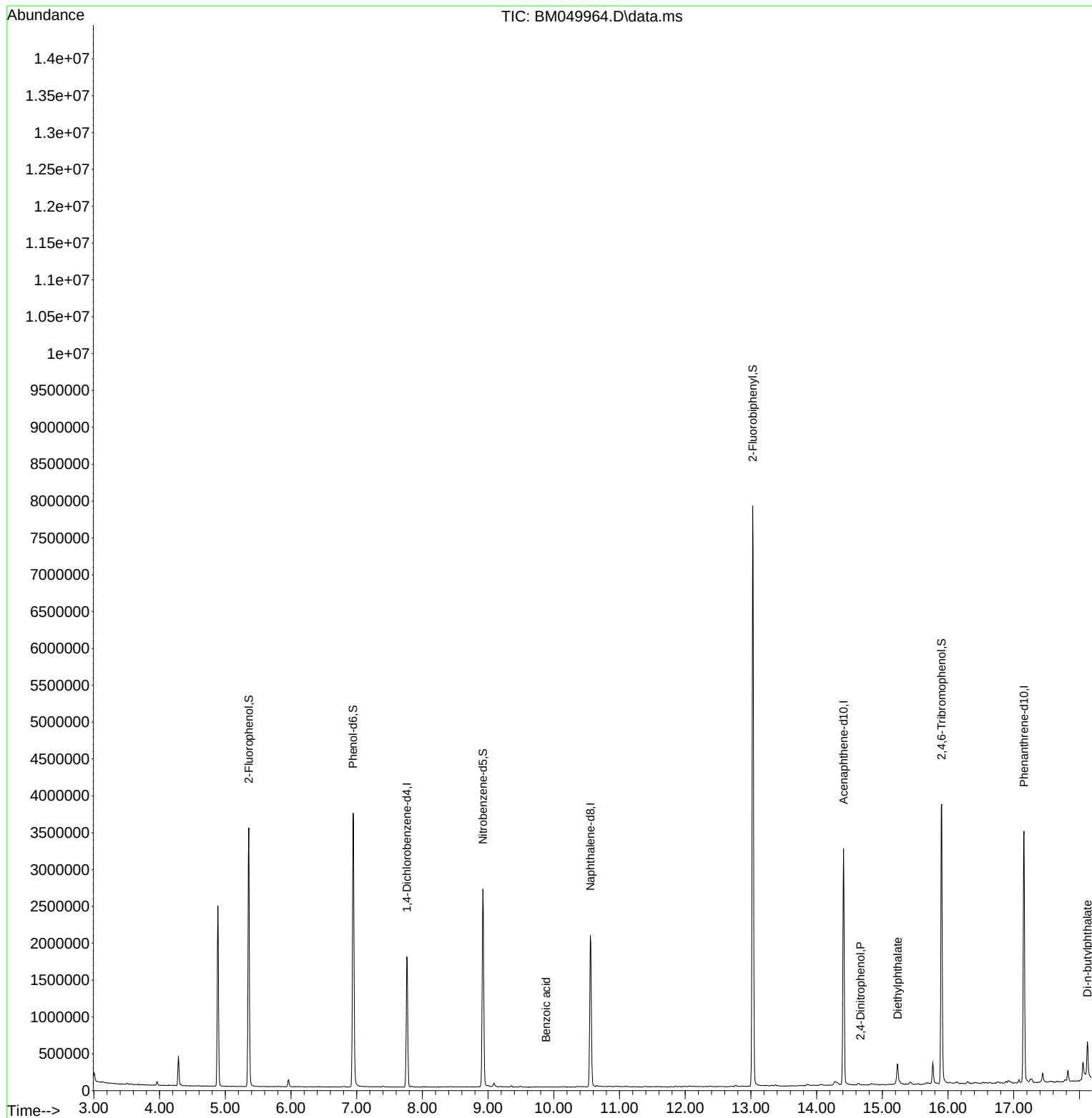
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	521815	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	1789123	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	1168616	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	2157604	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1625527	20.000	ng	-0.01
86) Perylene-d12	24.391	264	1644046	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1549551	50.425	ng	0.00
7) Phenol-d6	6.946	99	2314850	60.545	ng	0.00
23) Nitrobenzene-d5	8.922	82	1581491	49.223	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	824817	48.525	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	4347233	50.443	ng	-0.02
79) Terphenyl-d14	19.780	244	5506329	63.482	ng	-0.01
Target Compounds						
					Qvalue	
32) Benzoic acid	9.881	122	584	8.559	ng	# 53
54) 2,4-Dinitrophenol	14.669	184	55	7.229	ng	# 1
60) Diethylphthalate	15.233	149	247351	3.129	ng	98
74) Di-n-butylphthalate	18.121	149	474905	3.755	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	128594	2.097	ng	94

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

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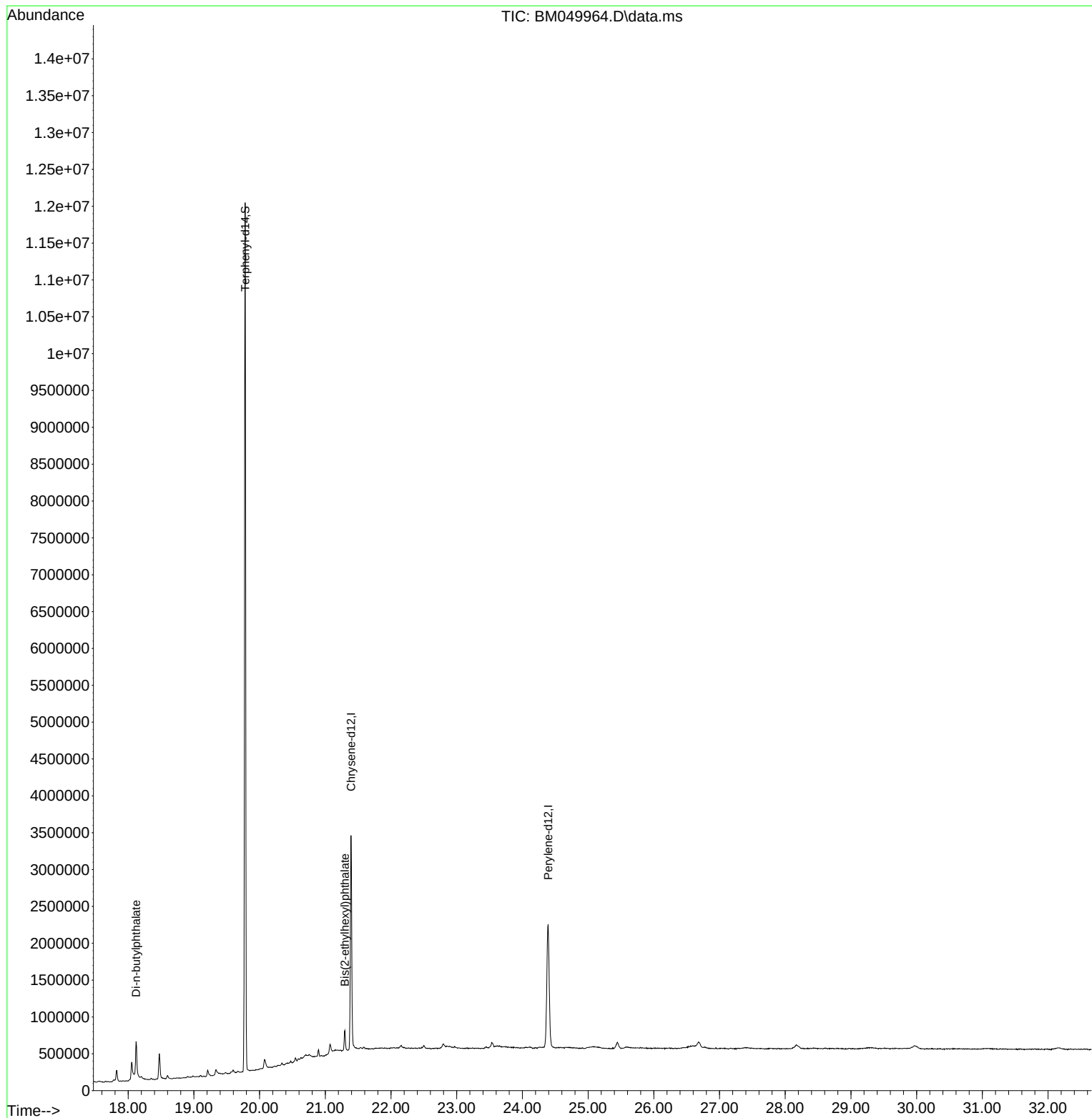
Quant Time: Apr 18 14:24:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

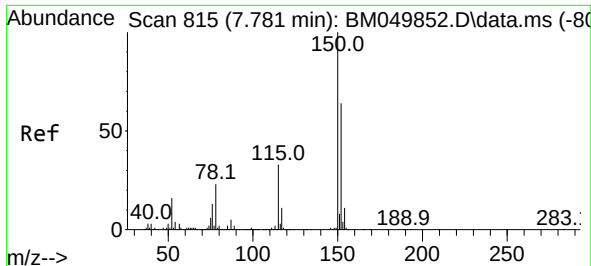


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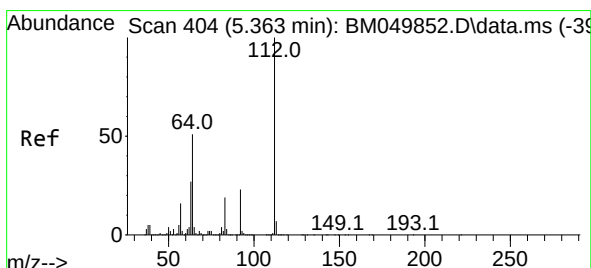
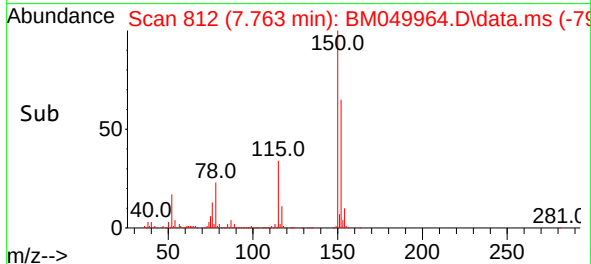
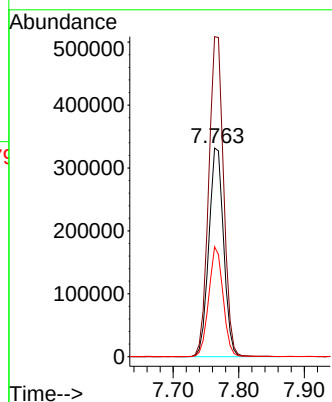
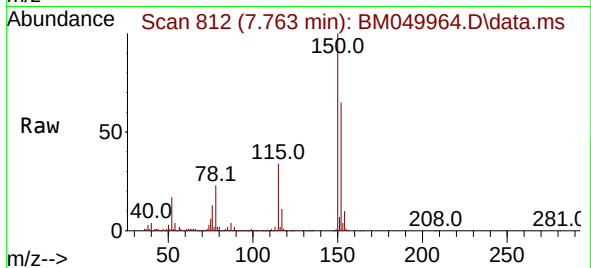




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM049964.D
Acq: 18 Apr 2025 13:49

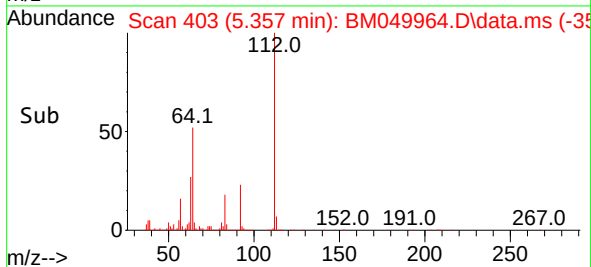
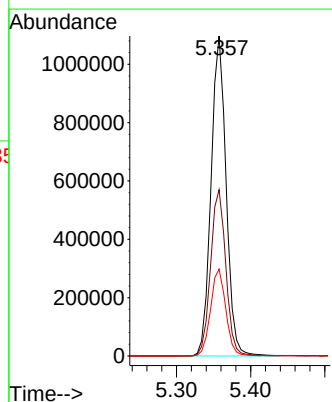
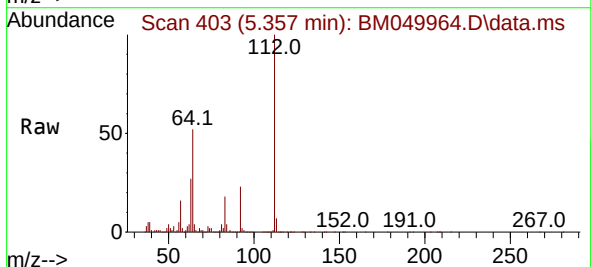
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE

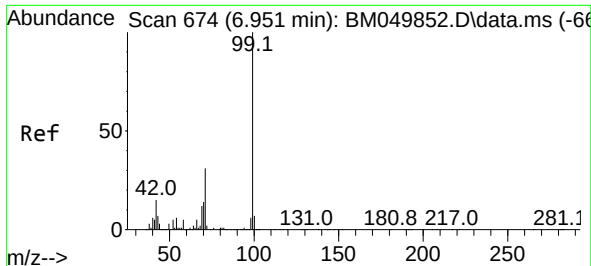
Tgt Ion:152 Resp: 521815
Ion Ratio Lower Upper
152 100
150 153.4 124.3 186.5
115 52.7 41.1 61.7



#5
2-Fluorophenol
Concen: 50.425 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049964.D
Acq: 18 Apr 2025 13:49

Tgt Ion:112 Resp: 1549551
Ion Ratio Lower Upper
112 100
64 52.0 41.0 61.6
63 27.1 21.5 32.3

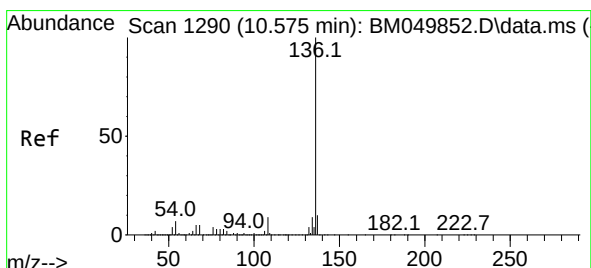
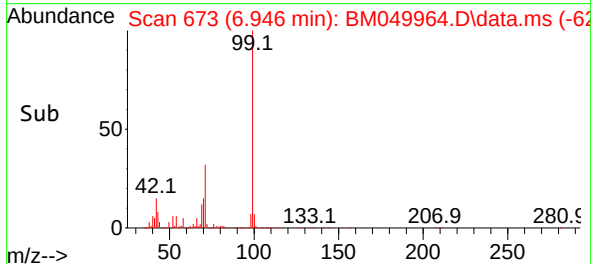
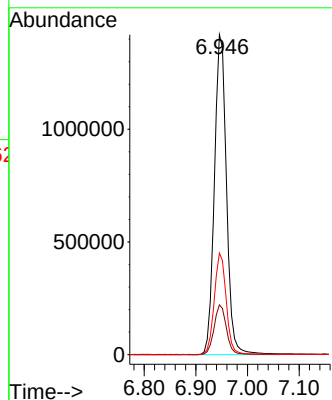
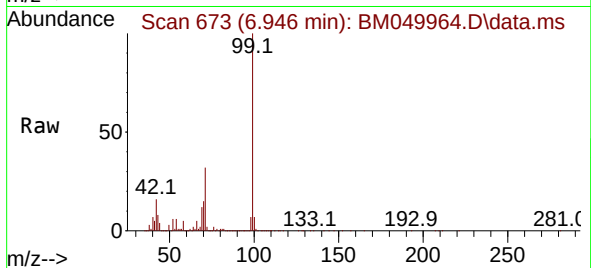




#7
Phenol-d6
Concen: 60.545 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM049964.D
Acq: 18 Apr 2025 13:49

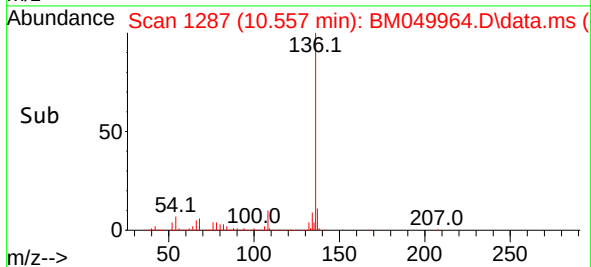
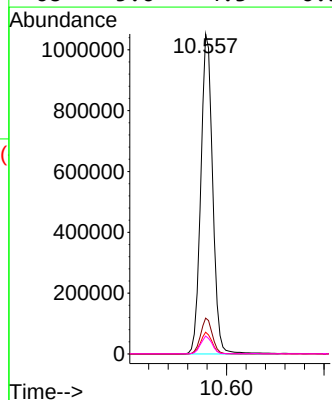
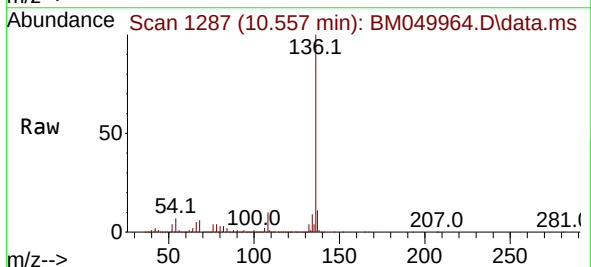
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE

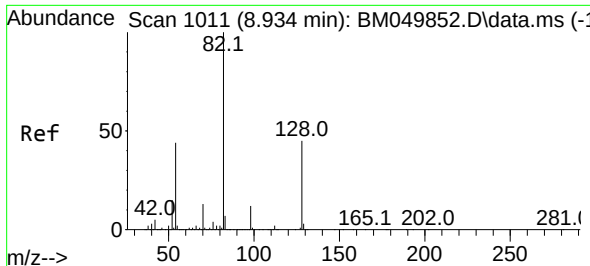
Tgt Ion: 99 Resp: 2314850
Ion Ratio Lower Upper
99 100
42 15.6 12.1 18.1
71 31.7 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BM049964.D
Acq: 18 Apr 2025 13:49

Tgt Ion: 136 Resp: 1789123
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.8 5.3 7.9
68 5.6 4.3 6.5

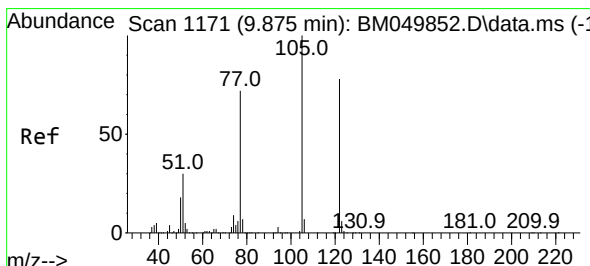
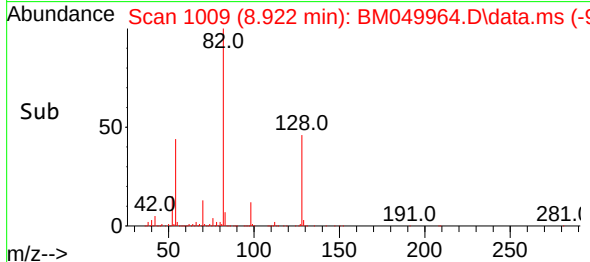
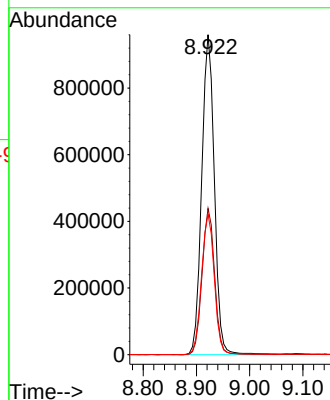
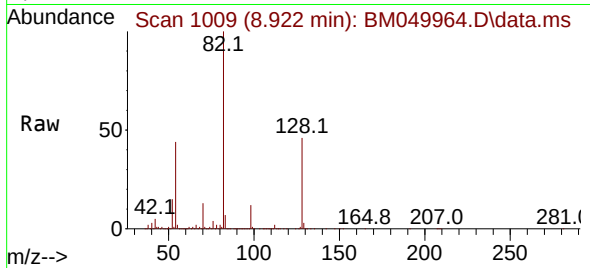




#23
Nitrobenzene-d5
Concen: 49.223 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BM049964.D
Acq: 18 Apr 2025 13:49

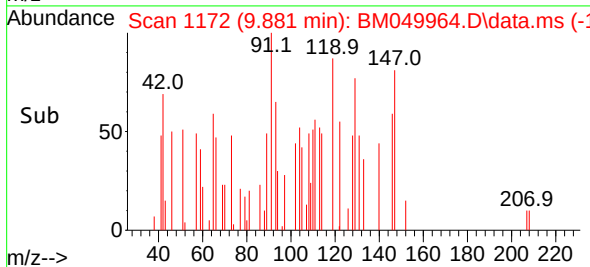
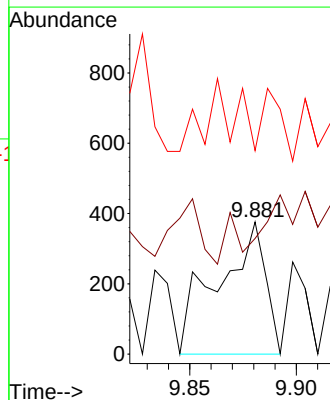
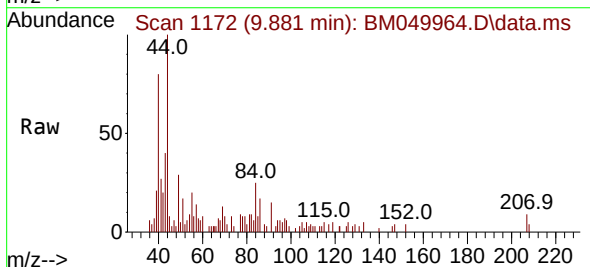
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE

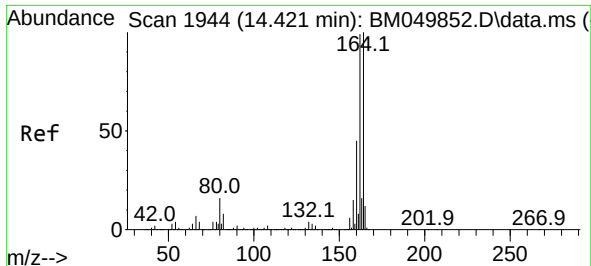
Tgt Ion: 82 Resp: 1581491
Ion Ratio Lower Upper
82 100
128 45.7 36.2 54.2
54 43.9 35.0 52.6



#32
Benzoic acid
Concen: 8.559 ng
RT: 9.881 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BM049964.D
Acq: 18 Apr 2025 13:49

Tgt Ion:122 Resp: 584
Ion Ratio Lower Upper
122 100
105 87.5 103.8 143.8#
77 154.0 70.7 110.7#

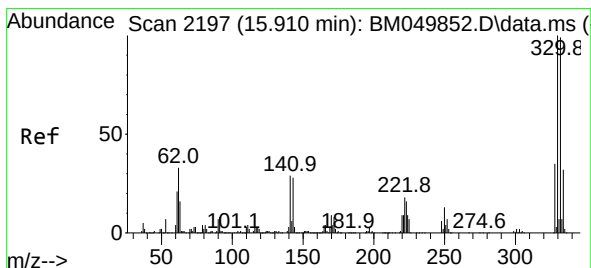
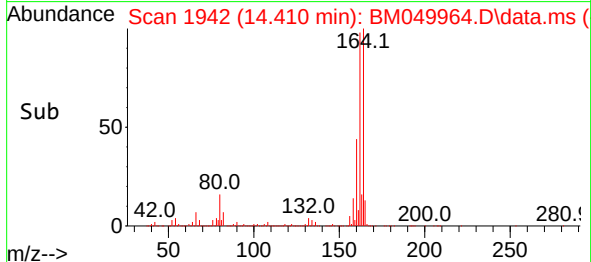
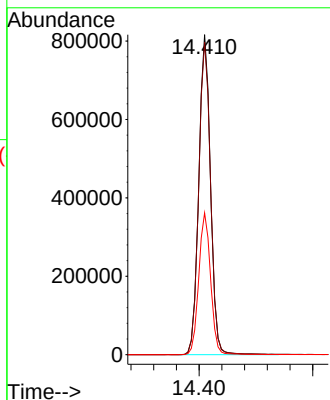
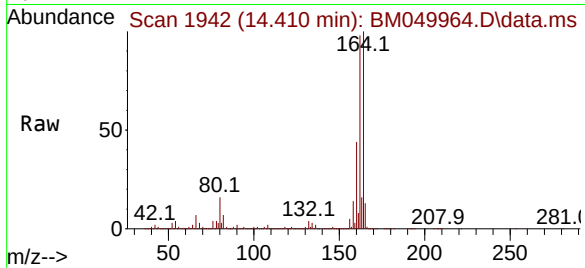




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM049964.D
Acq: 18 Apr 2025 13:49

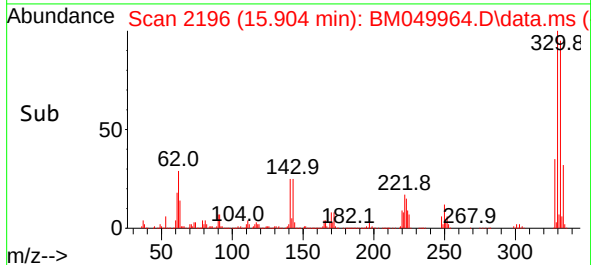
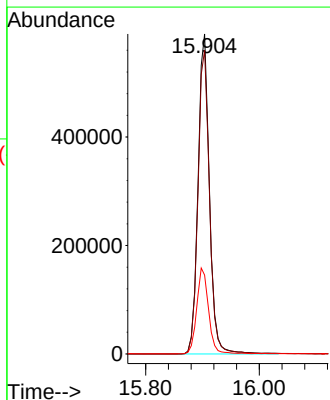
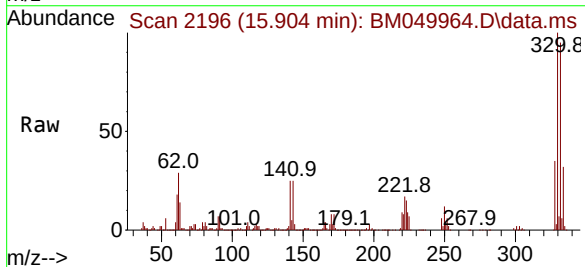
Instrument :
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CONCRETE-PILE

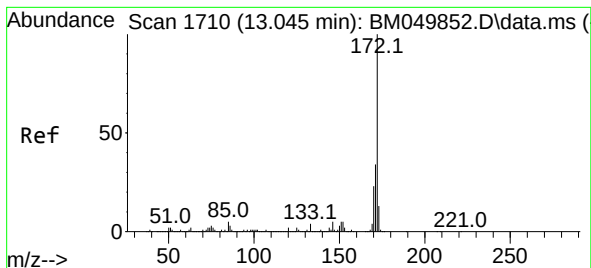
Tgt Ion:164 Resp: 1168616
Ion Ratio Lower Upper
164 100
162 97.6 79.4 119.0
160 44.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 48.525 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049964.D
Acq: 18 Apr 2025 13:49

Tgt Ion:330 Resp: 824817
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 28.1 23.5 35.3

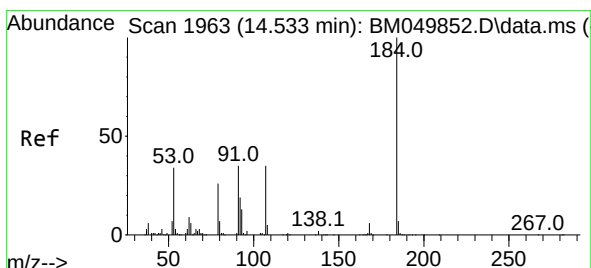
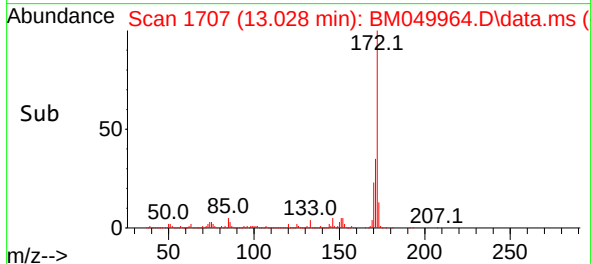
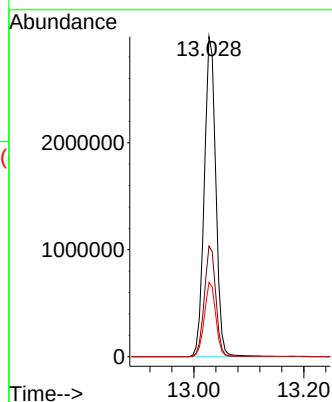
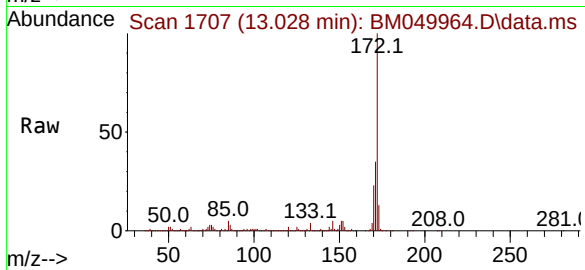




#45
2-Fluorobiphenyl
Concen: 50.443 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.018 min
Lab File: BM049964.D
Acq: 18 Apr 2025 13:49

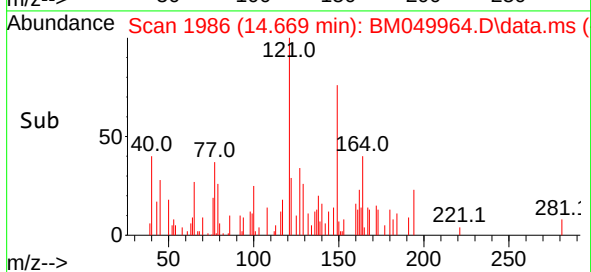
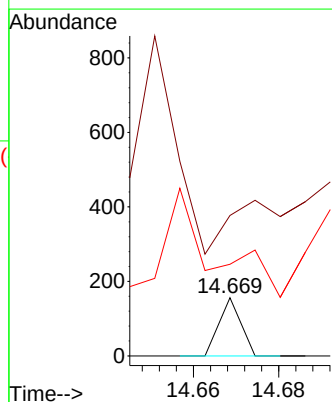
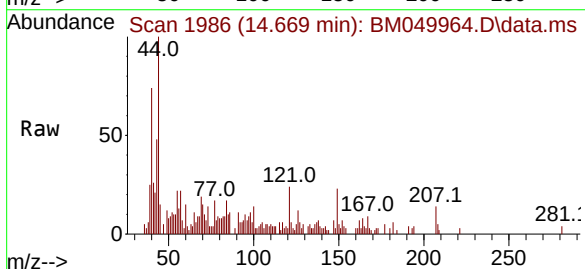
Instrument :
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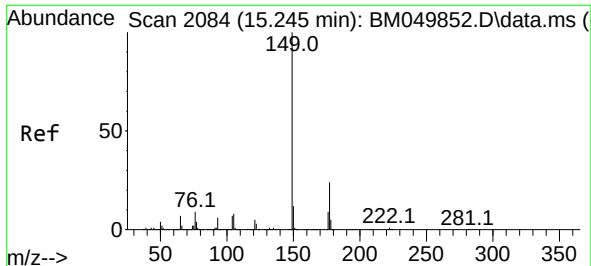
Tgt Ion:172 Resp: 4347233
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.2
170 23.2 18.6 28.0



#54
2,4-Dinitrophenol
Concen: 7.229 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.136 min
Lab File: BM049964.D
Acq: 18 Apr 2025 13:49

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 241.7 38.4 57.6#
154 157.7 48.1 72.1#

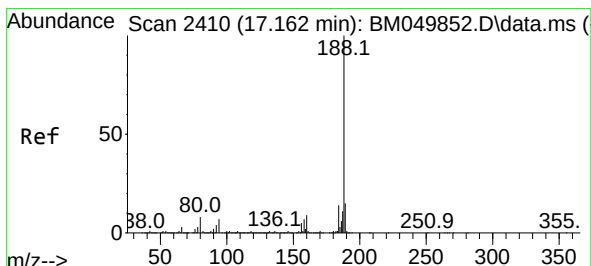
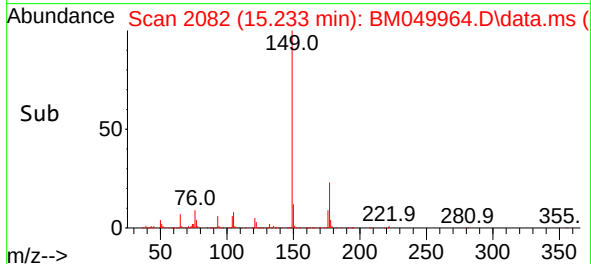
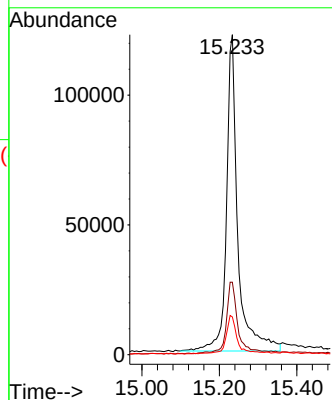
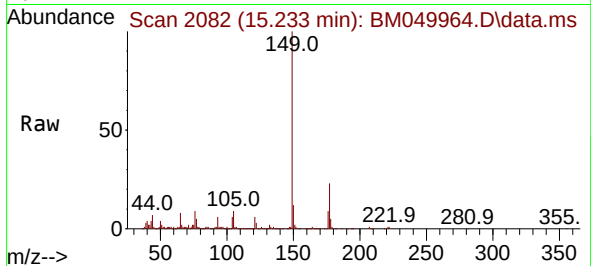




#60
Diethylphthalate
Concen: 3.129 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BM049964.D
Acq: 18 Apr 2025 13:49

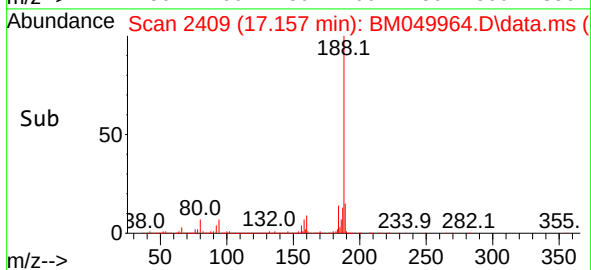
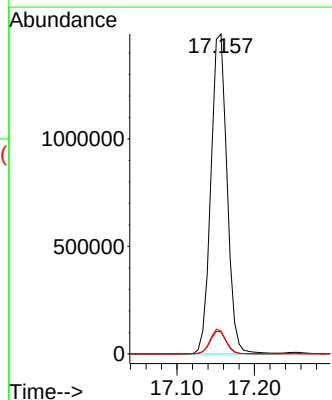
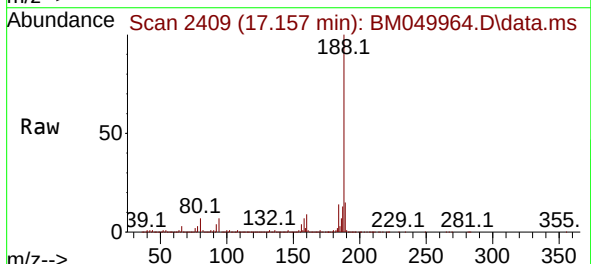
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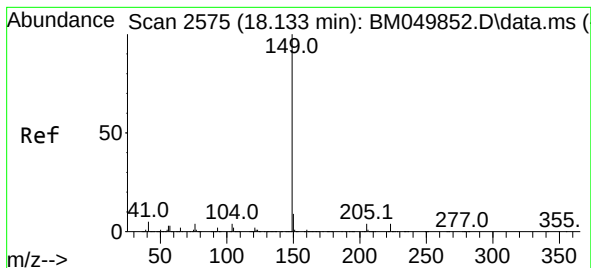
Tgt Ion:149 Resp: 247351
Ion Ratio Lower Upper
149 100
177 22.7 19.0 28.4
150 11.8 9.7 14.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049964.D
Acq: 18 Apr 2025 13:49

Tgt Ion:188 Resp: 2157604
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.2 6.4 9.6





#74

Di-n-butylphthalate

Concen: 3.755 ng

RT: 18.121 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049964.D

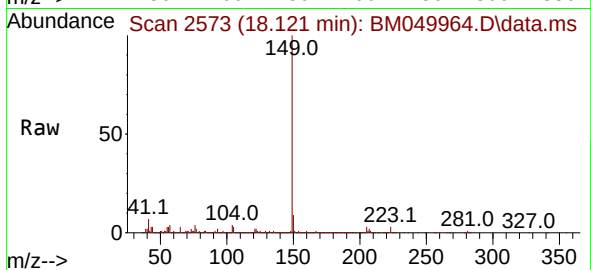
Acq: 18 Apr 2025 13:49

Instrument :

BNA_M

ClientSampleId :

CONCRETE-PILE



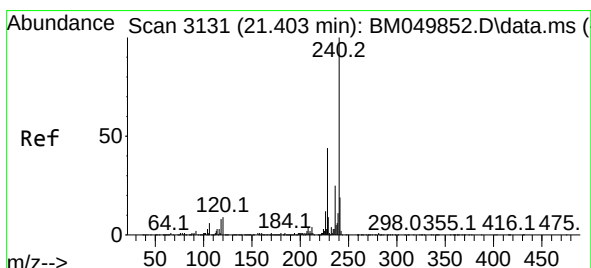
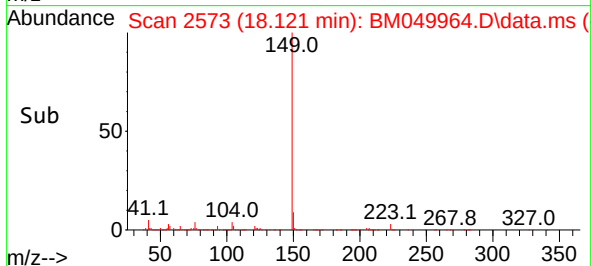
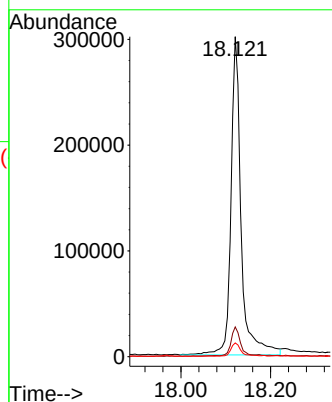
Tgt Ion:149 Resp: 474905

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.3 3.5 5.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BM049964.D

Acq: 18 Apr 2025 13:49

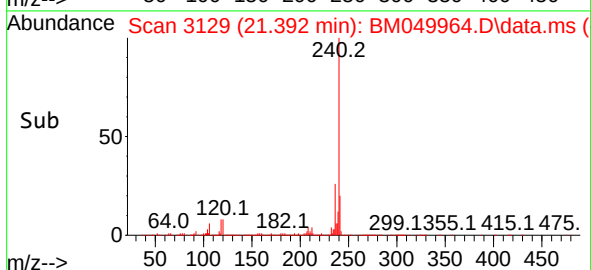
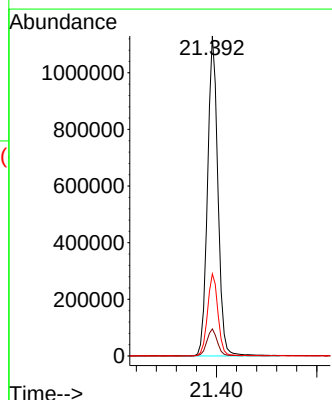
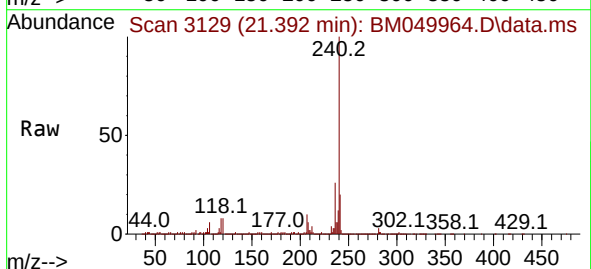
Tgt Ion:240 Resp: 1625527

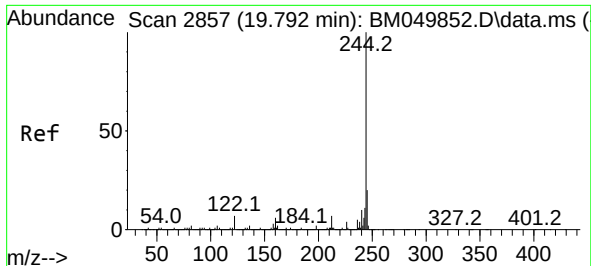
Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

236 25.7 20.4 30.6

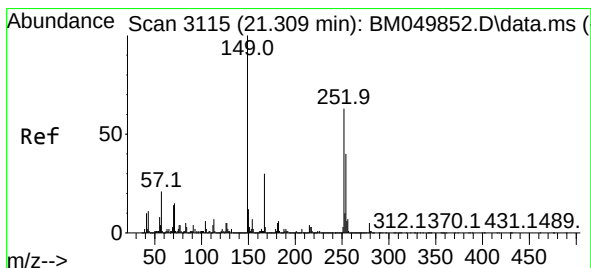
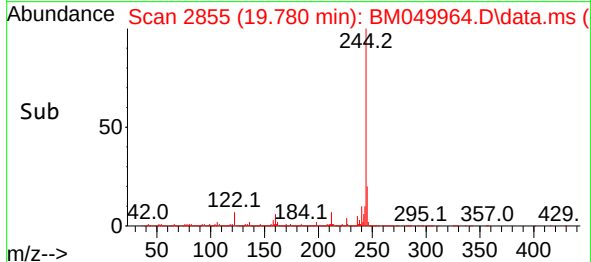
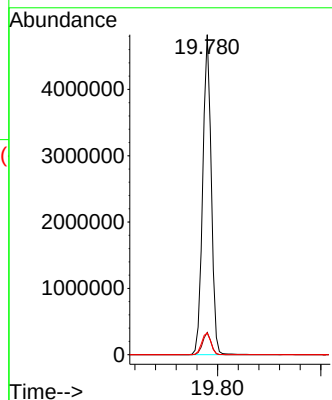
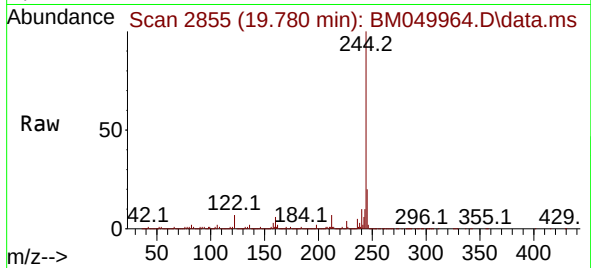




#79
 Terphenyl-d14
 Concen: 63.482 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049964.D
 Acq: 18 Apr 2025 13:49

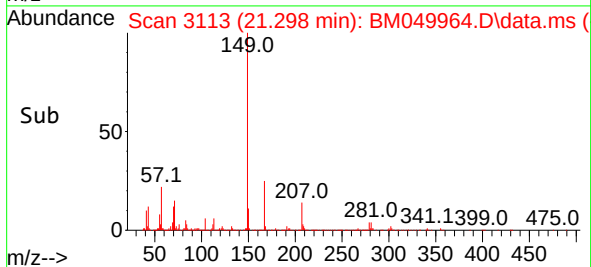
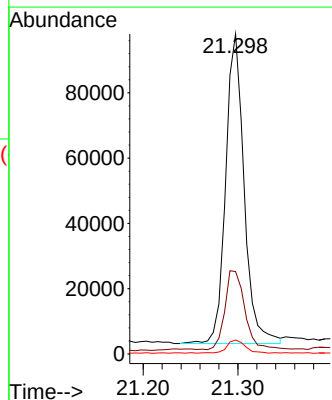
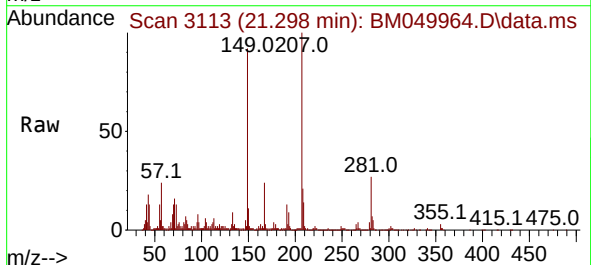
Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-PILE

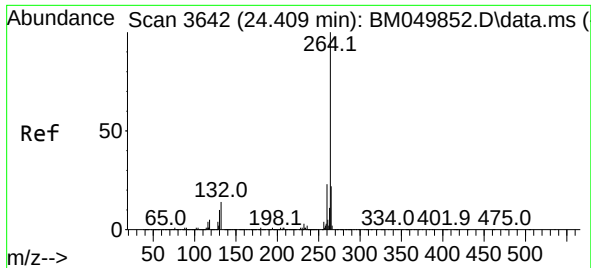
Tgt Ion:244 Resp: 5506329
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 6.8 5.4 8.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.097 ng
 RT: 21.298 min Scan# 3113
 Delta R.T. -0.012 min
 Lab File: BM049964.D
 Acq: 18 Apr 2025 13:49

Tgt Ion:149 Resp: 128594
 Ion Ratio Lower Upper
 149 100
 167 25.8 23.8 35.6
 279 4.4 3.8 5.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.391 min Scan# 30
 Delta R.T. -0.018 min
 Lab File: BM049964.D
 Acq: 18 Apr 2025 13:49

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-PILE

Tgt Ion:264 Resp: 1644046
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.9 17.8 26.8

