

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
 Data File : BM049951.D
 Acq On : 16 Apr 2025 14:07
 Operator : RC/JU
 Sample : Q1791-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 279312

Quant Time: Apr 16 15:10:02 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)

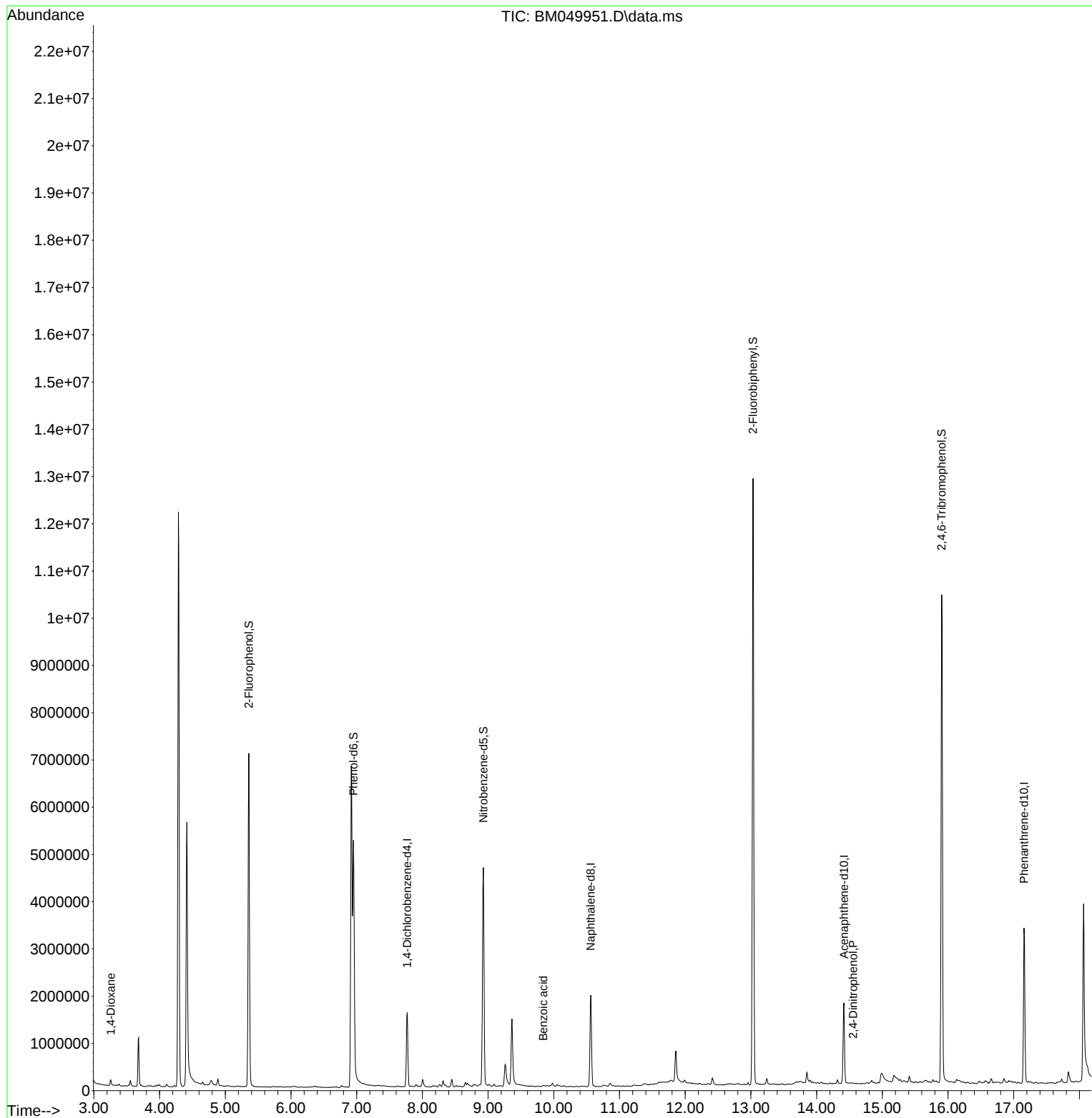
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	442547	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1598019	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	499258	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1898266	20.000	ng	0.00
76) Chrysene-d12	21.397	240	815727	20.000	ng	0.00
86) Perylene-d12	24.409	264	27251	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3180126	122.023	ng	0.00
7) Phenol-d6	6.951	99	2556860	78.853	ng	0.00
23) Nitrobenzene-d5	8.928	82	2695983	93.945	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	2326593	320.384	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	7028313	190.893	ng	-0.01
79) Terphenyl-d14	19.786	244	8397312	192.920	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	75109	6.998	ng	97
32) Benzoic acid	9.839	122	7487	8.837	ng	92
54) 2,4-Dinitrophenol	14.557	184	224	7.263	ng	# 49

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049951.D
Acq On : 16 Apr 2025 14:07
Operator : RC/JU
Sample : Q1791-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
279312

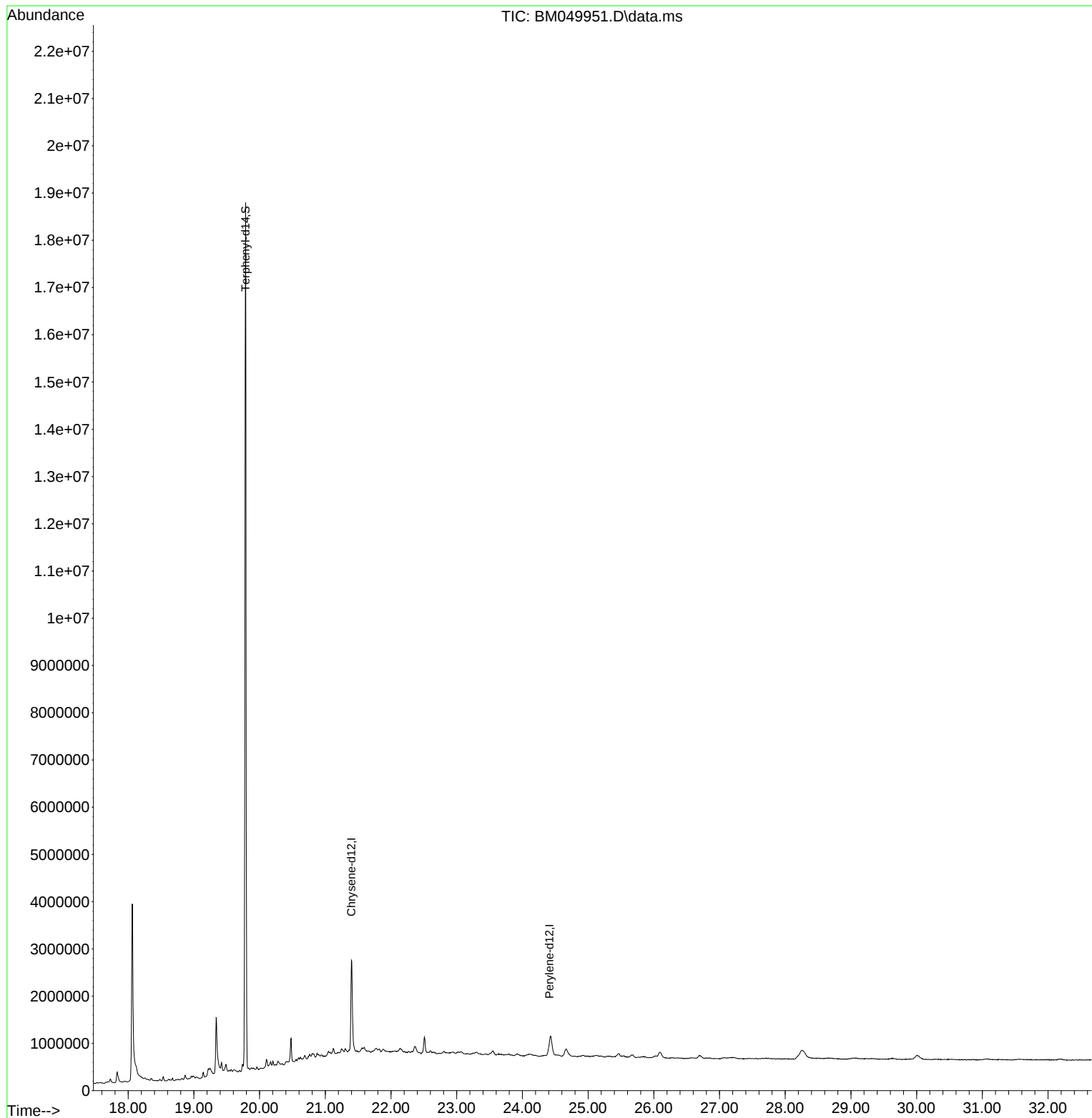
Quant Time: Apr 16 15:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

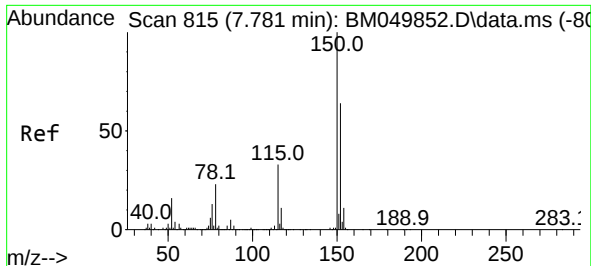


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049951.D
Acq On : 16 Apr 2025 14:07
Operator : RC/JU
Sample : Q1791-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
279312

Quant Time: Apr 16 15:10:02 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

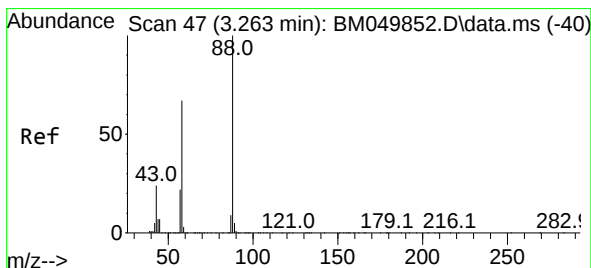
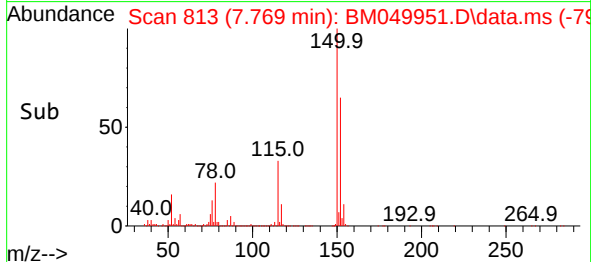
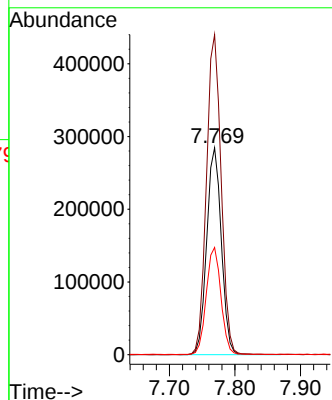
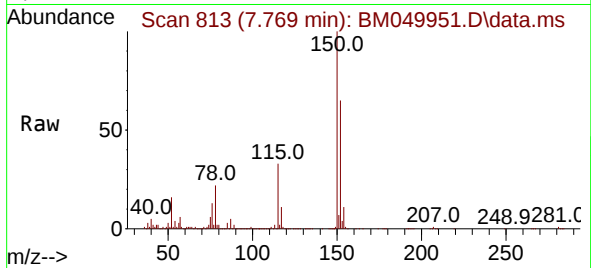




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 815
 Delta R.T. -0.012 min
 Lab File: BM049951.D
 Acq: 16 Apr 2025 14:07

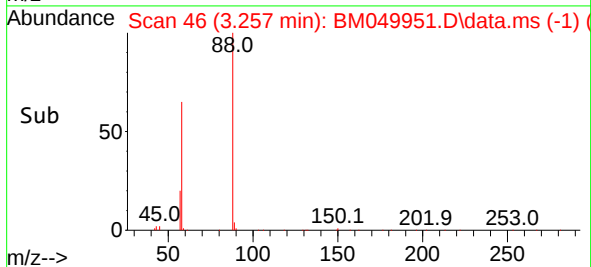
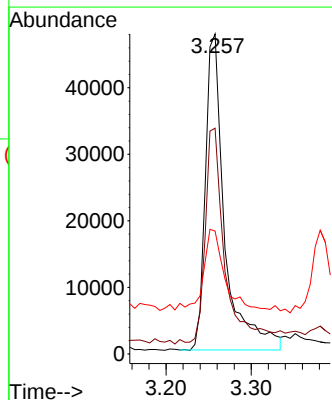
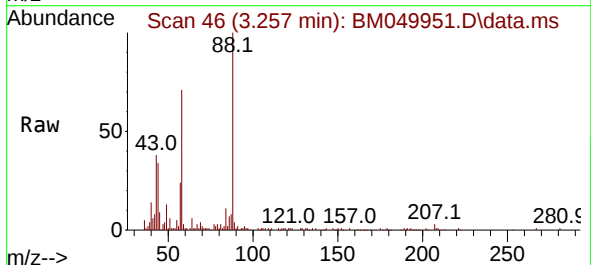
Instrument :
 BNA_M
 ClientSampleId :
 279312

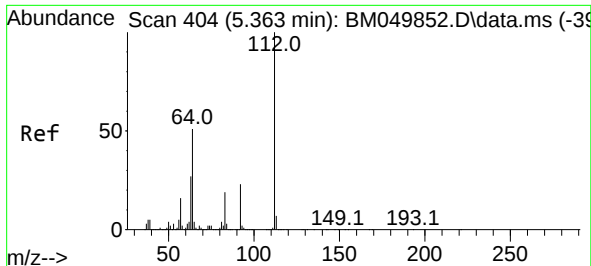
Tgt Ion:152 Resp: 442547
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.3 186.5
 115 51.8 41.1 61.7



#2
 1,4-Dioxane
 Concen: 6.998 ng
 RT: 3.257 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: BM049951.D
 Acq: 16 Apr 2025 14:07

Tgt Ion: 88 Resp: 75109
 Ion Ratio Lower Upper
 88 100
 58 70.1 54.1 81.1
 43 26.8 20.2 30.4

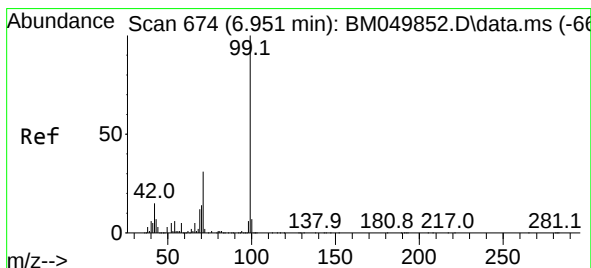
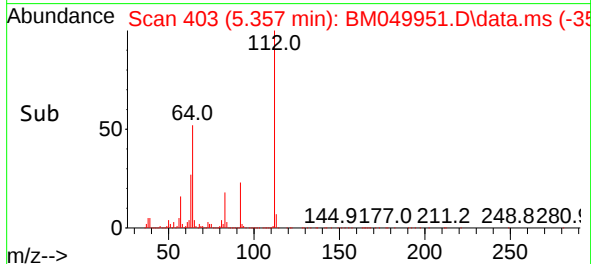
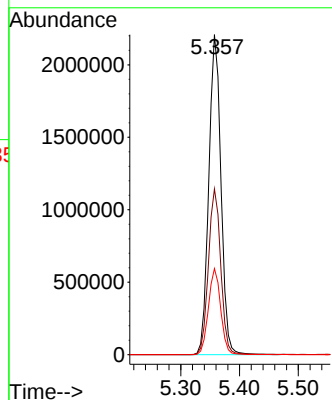
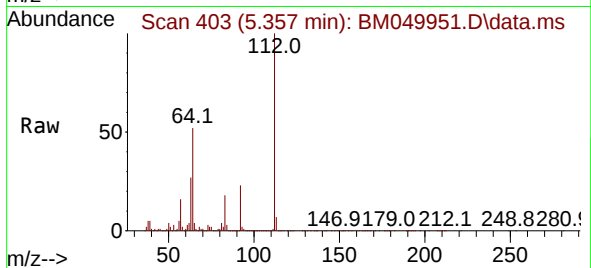




#5
2-Fluorophenol
Concen: 122.023 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

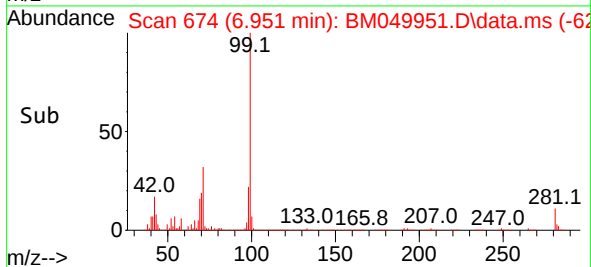
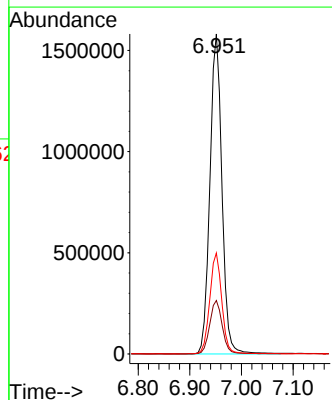
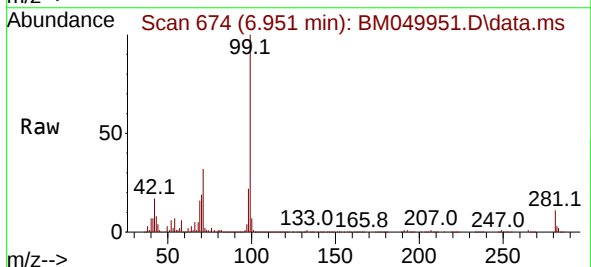
Instrument :
BNA_M
ClientSampleId :
279312

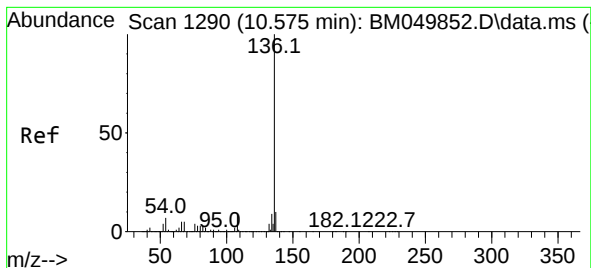
Tgt Ion:112 Resp: 3180126
Ion Ratio Lower Upper
112 100
64 51.8 41.0 61.6
63 26.9 21.5 32.3



#7
Phenol-d6
Concen: 78.853 ng
RT: 6.951 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

Tgt Ion: 99 Resp: 2556860
Ion Ratio Lower Upper
99 100
42 16.7 12.1 18.1
71 31.6 24.9 37.3

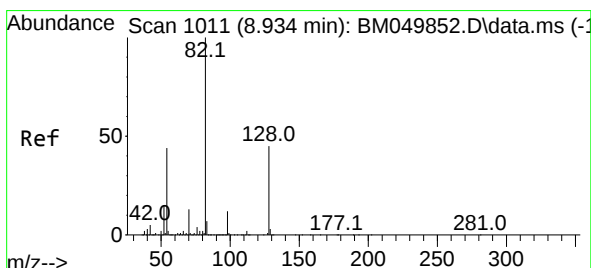
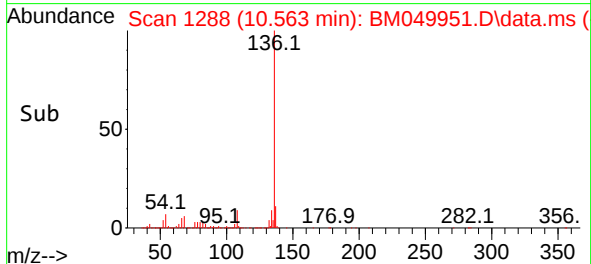
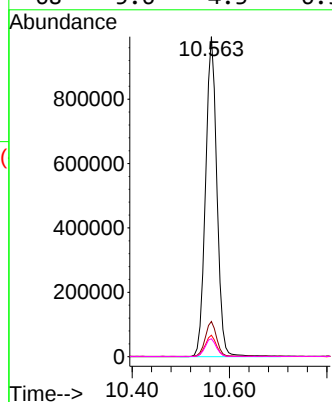
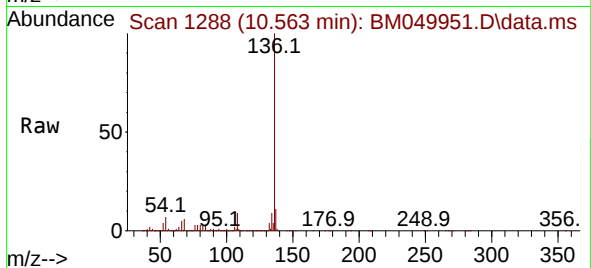




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

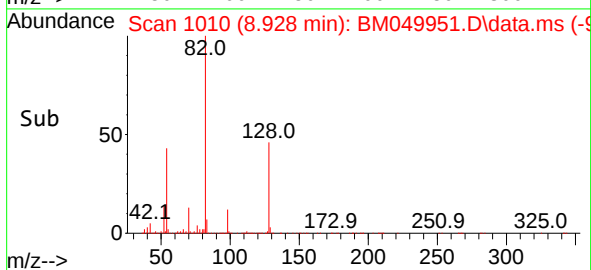
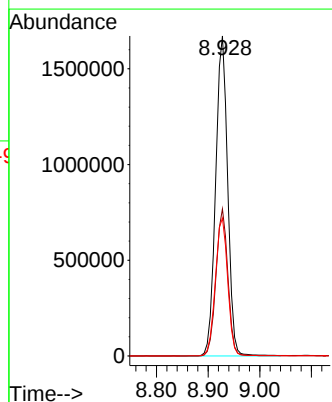
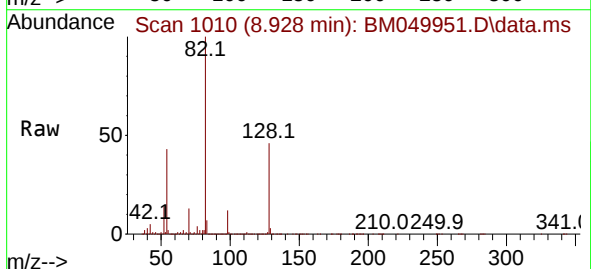
Instrument :
BNA_M
ClientSampleId :
279312

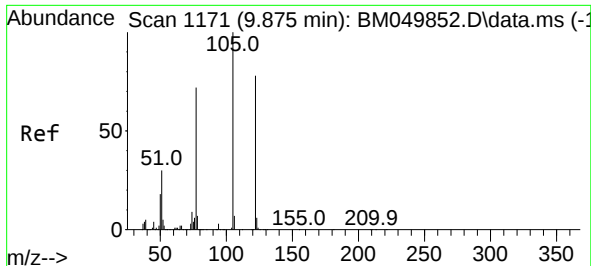
Tgt Ion:136 Resp: 1598019
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.7 5.3 7.9
68 5.6 4.3 6.5



#23
Nitrobenzene-d5
Concen: 93.945 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

Tgt Ion: 82 Resp: 2695983
Ion Ratio Lower Upper
82 100
128 46.0 36.2 54.2
54 43.1 35.0 52.6

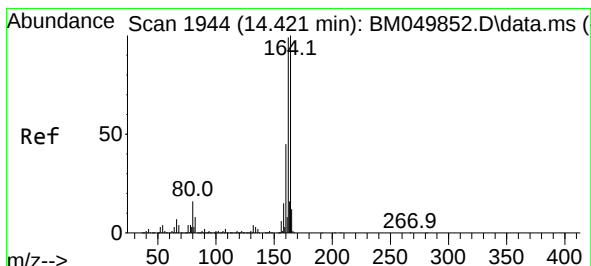
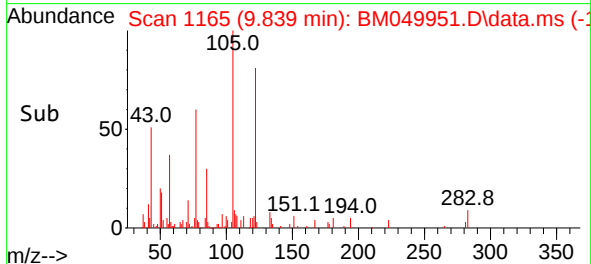
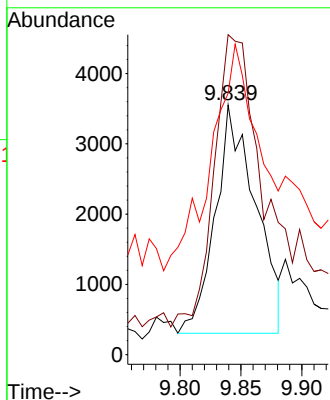
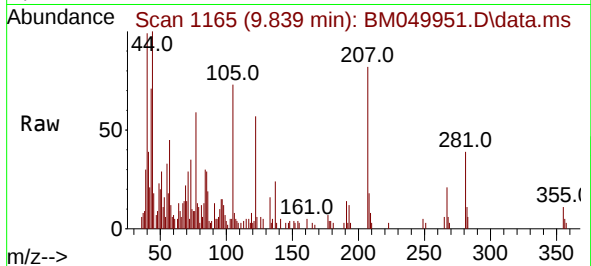




#32
Benzoic acid
Concen: 8.837 ng
RT: 9.839 min Scan# 1171
Delta R.T. -0.036 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

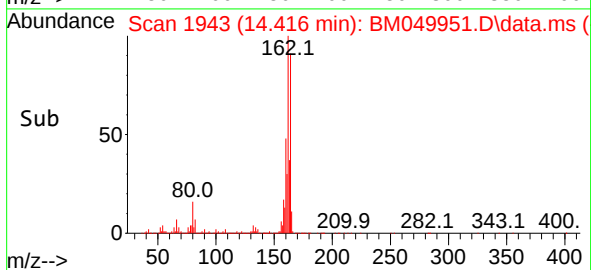
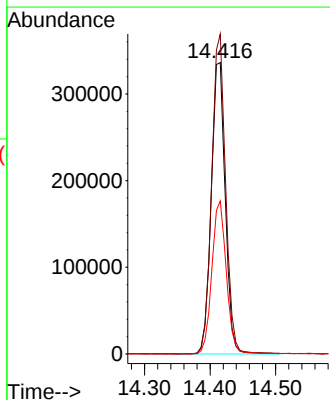
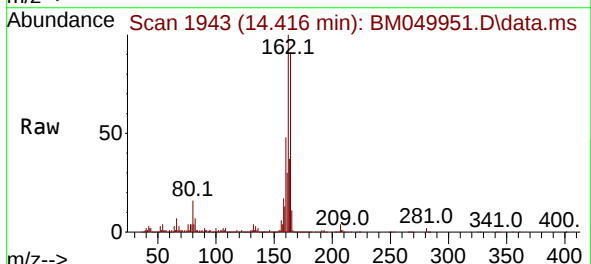
Instrument :
BNA_M
ClientSampleId :
279312

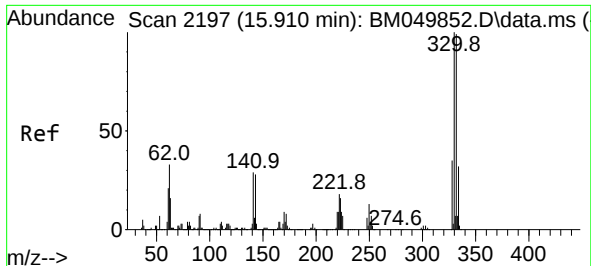
Tgt Ion:122 Resp: 7487
Ion Ratio Lower Upper
122 100
105 128.2 103.8 143.8
77 104.7 70.7 110.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

Tgt Ion:164 Resp: 499258
Ion Ratio Lower Upper
164 100
162 109.8 79.4 119.0
160 52.5 36.2 54.2

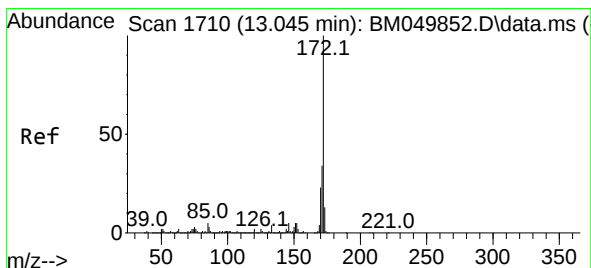
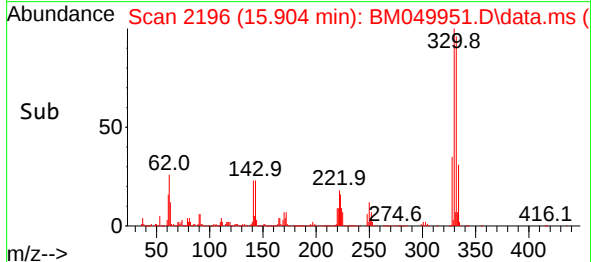
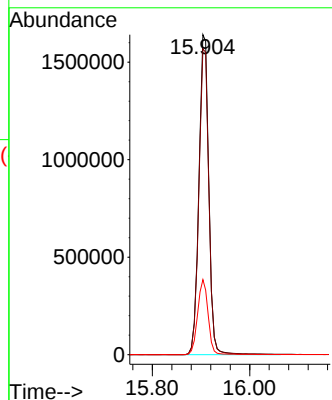
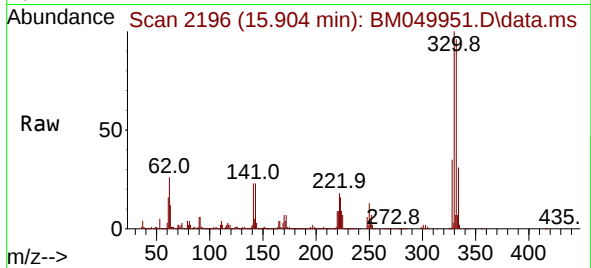




#42
2,4,6-Tribromophenol
Concen: 320.384 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

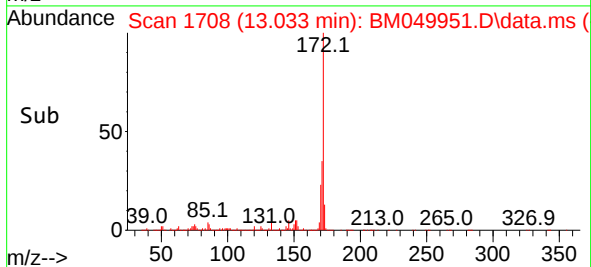
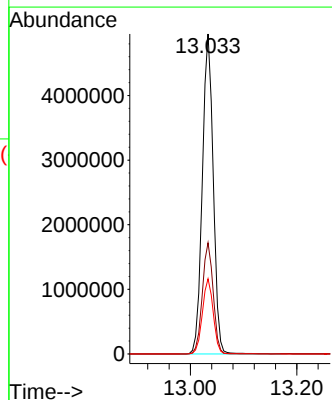
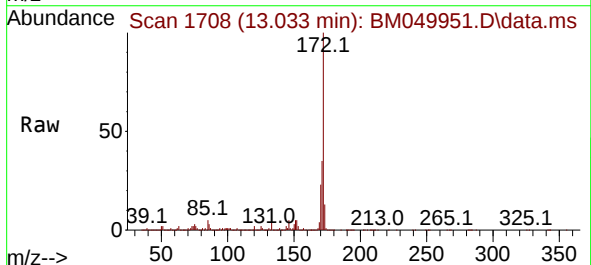
Instrument :
BNA_M
ClientSampleId :
279312

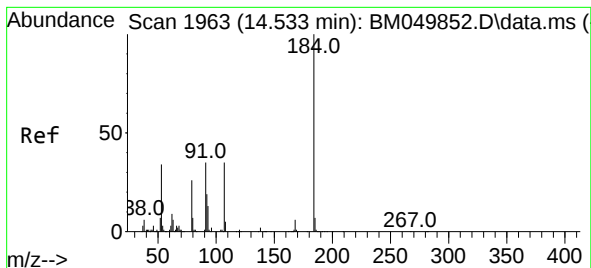
Tgt Ion:330 Resp: 2326593
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 24.7 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 190.893 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

Tgt Ion:172 Resp: 7028313
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.2
170 23.5 18.6 28.0





#54

2,4-Dinitrophenol

Concen: 7.263 ng

RT: 14.557 min Scan# 1963

Delta R.T. 0.024 min

Lab File: BM049951.D

Acq: 16 Apr 2025 14:07

Instrument :

BNA_M

ClientSampleId :

279312

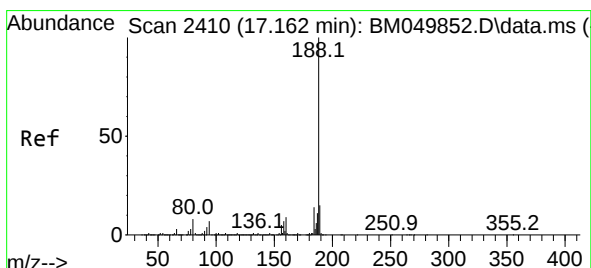
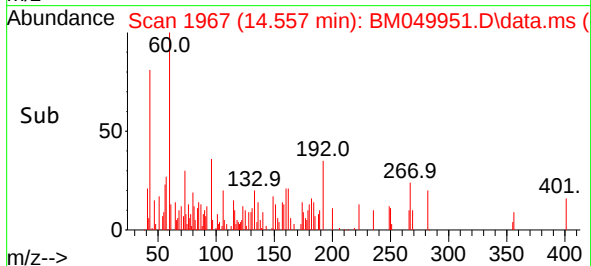
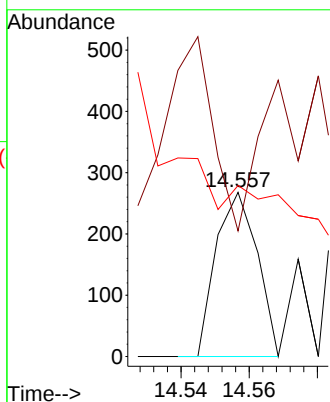
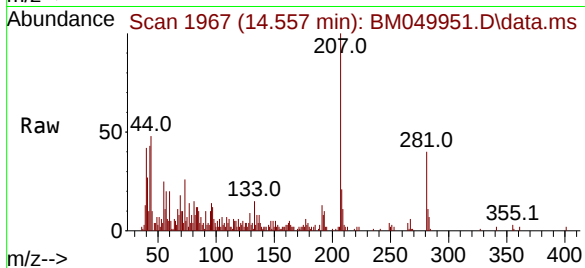
Tgt Ion:184 Resp: 224

Ion Ratio Lower Upper

184 100

63 76.5 38.4 57.6#

154 104.1 48.1 72.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM049951.D

Acq: 16 Apr 2025 14:07

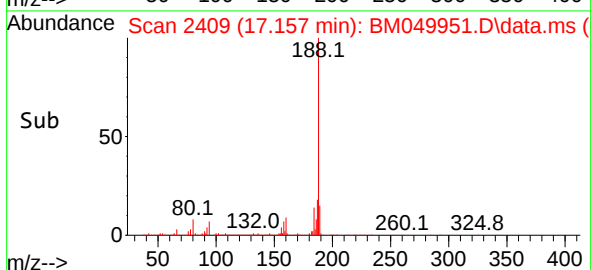
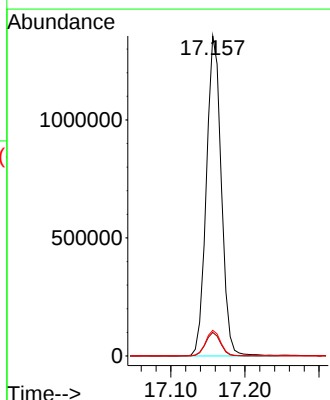
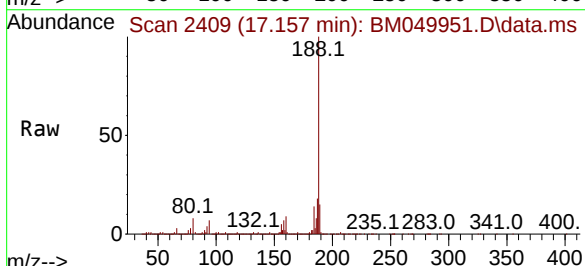
Tgt Ion:188 Resp: 1898266

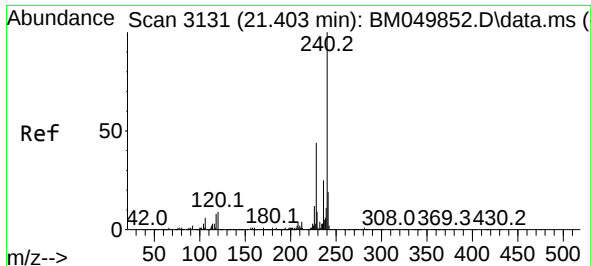
Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 8.0 6.4 9.6

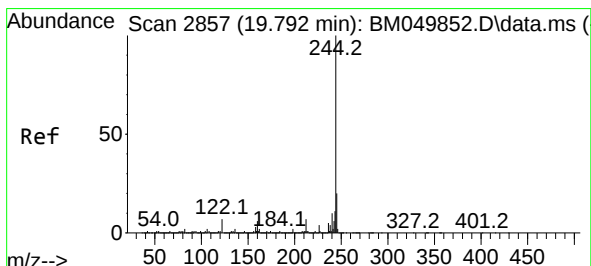
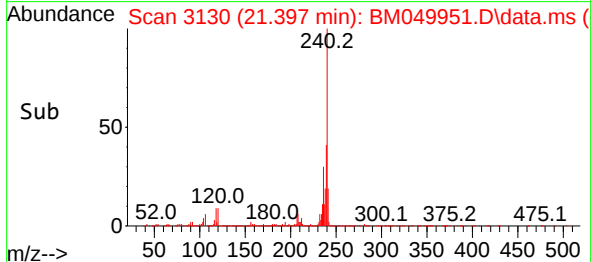
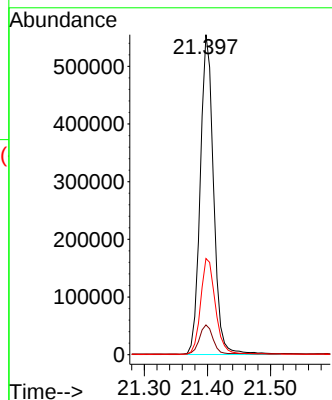
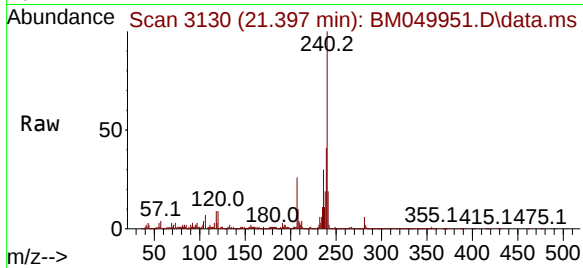




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

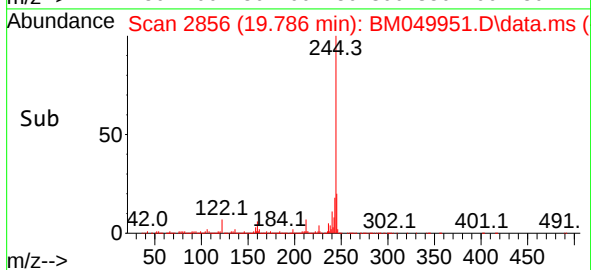
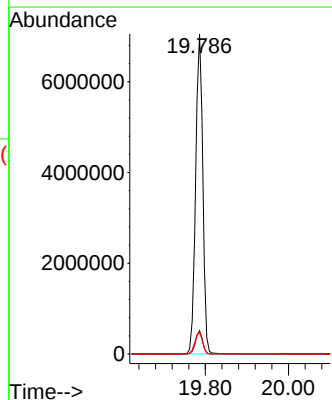
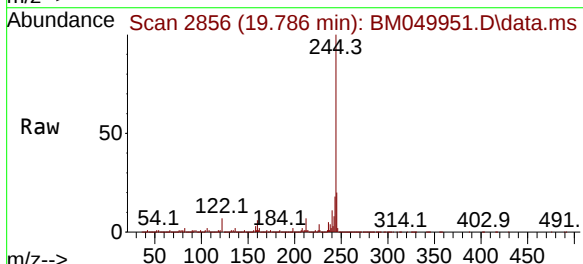
Instrument :
BNA_M
ClientSampleId :
279312

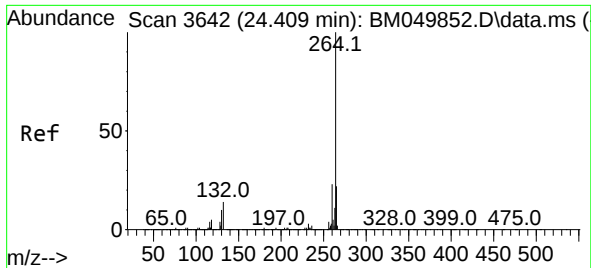
Tgt Ion:240 Resp: 815727
Ion Ratio Lower Upper
240 100
120 9.3 6.9 10.3
236 30.1 20.4 30.6



#79
Terphenyl-d14
Concen: 192.920 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BM049951.D
Acq: 16 Apr 2025 14:07

Tgt Ion:244 Resp: 8397312
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 6.7 5.4 8.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.409 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BM049951.D
 Acq: 16 Apr 2025 14:07

Instrument :
 BNA_M
 ClientSampleId :
 279312

Tgt Ion:264 Resp: 27251
 Ion Ratio Lower Upper
 264 100
 260 232.9 18.6 28.0#
 265 54.8 17.8 26.8#

