

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020725\
 Data File : BM049597.D
 Acq On : 07 Feb 2025 10:14
 Operator : RC/JU
 Sample : PB166258BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB166258BL

Quant Time: Feb 07 10:55:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:55:28 2025
 Response via : Initial Calibration

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

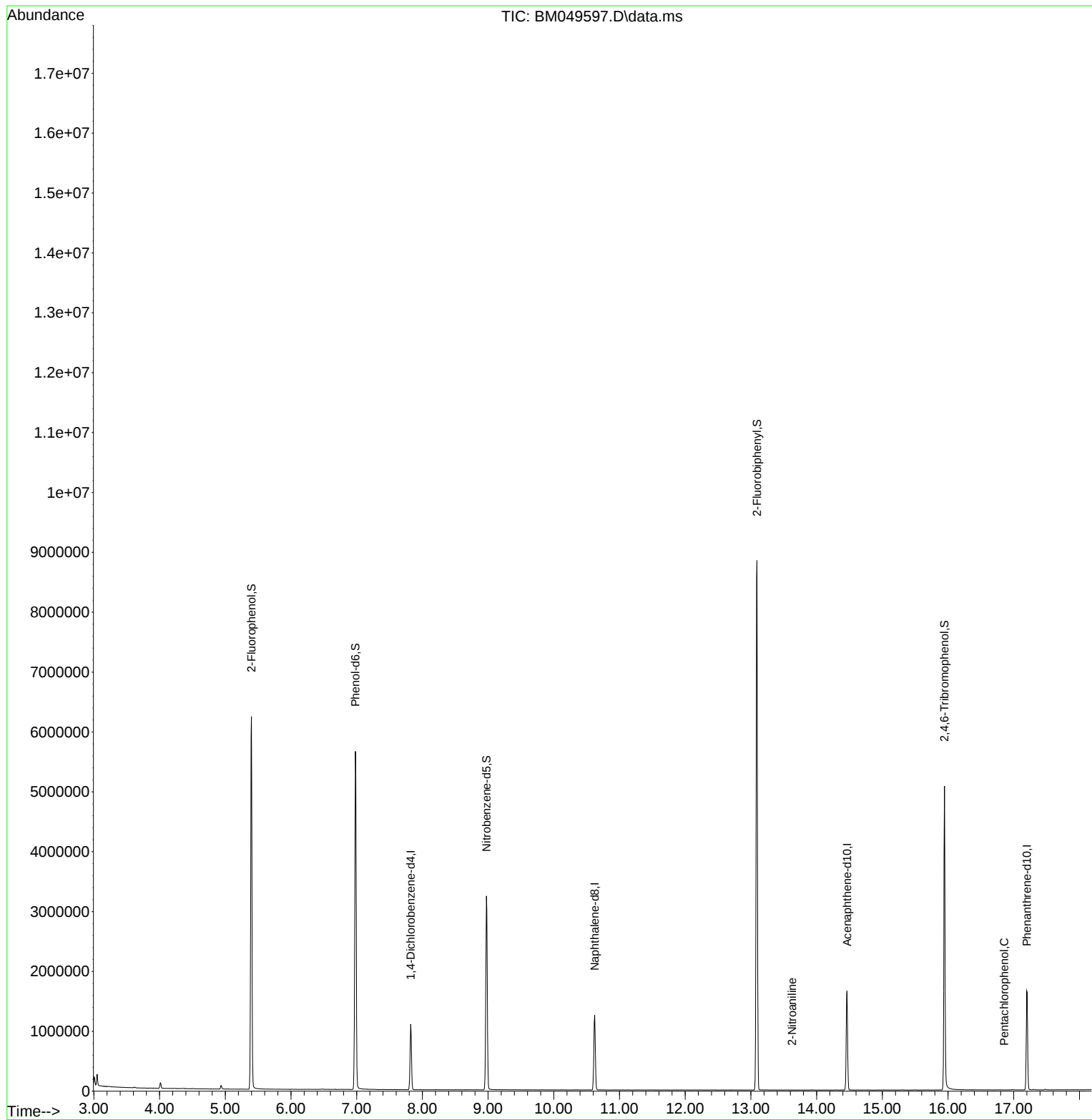
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	273003	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	945129	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	536814	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	939792	20.000	ng	0.00
76) Chrysene-d12	21.439	240	621822	20.000	ng	0.00
86) Perylene-d12	24.468	264	509617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2382002	140.309	ng	0.00
7) Phenol-d6	6.981	99	2900152	130.392	ng	0.00
23) Nitrobenzene-d5	8.975	82	1771100	96.390	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	774306	121.731	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	4243649	102.409	ng	0.00
79) Terphenyl-d14	19.827	244	6125925	150.437	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.628	65	58	4.134	ng	# 6
70) Pentachlorophenol	16.857	266	53	7.719	ng	# 19

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

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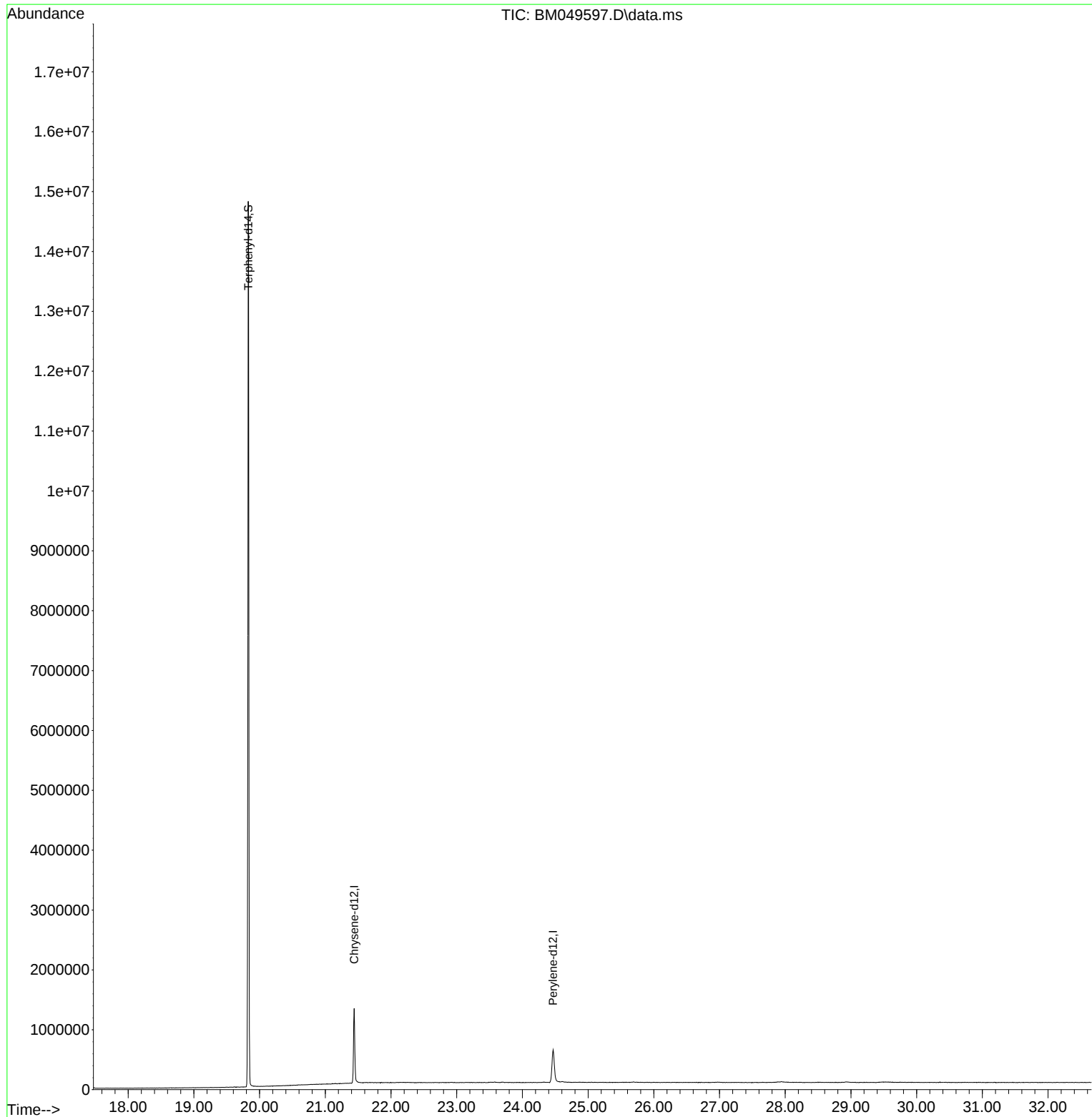
Quant Time: Feb 07 10:55:49 2025
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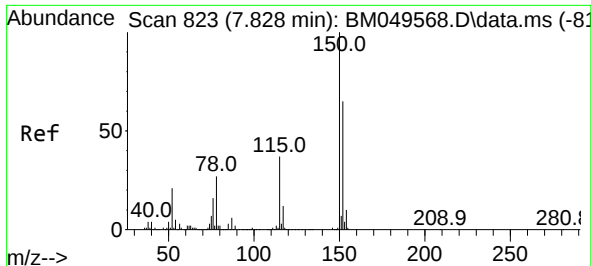


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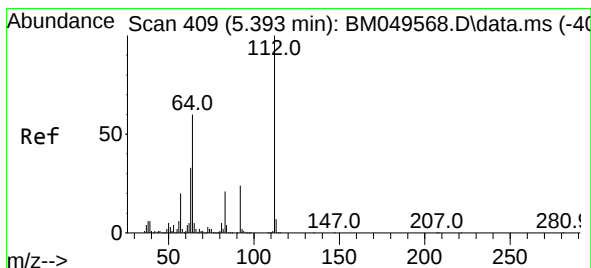
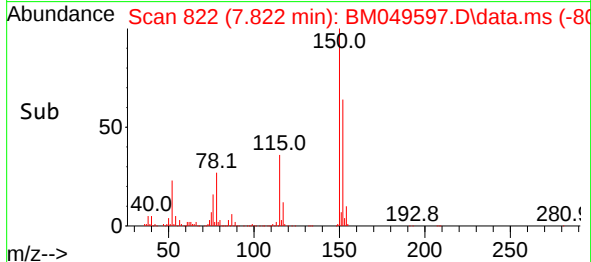
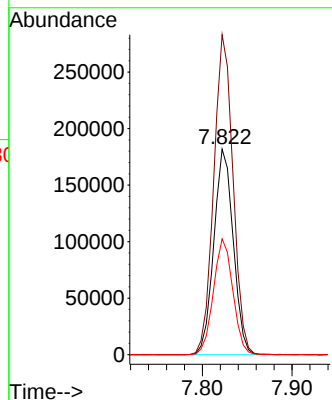
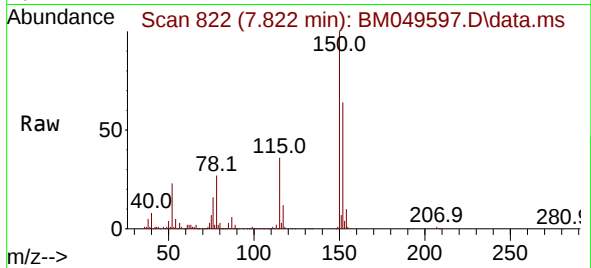




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049597.D
Acq: 07 Feb 2025 10:14

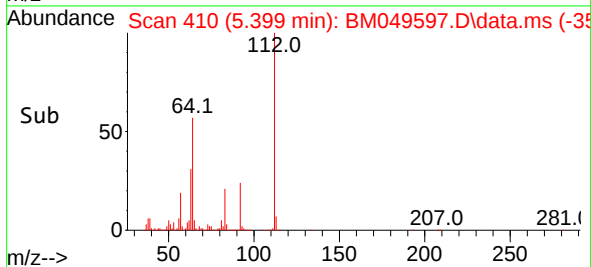
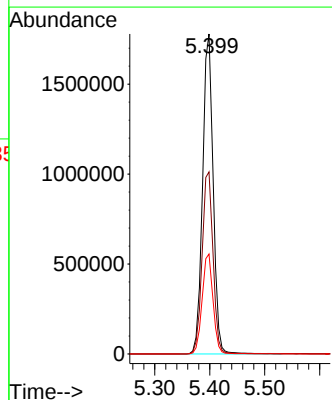
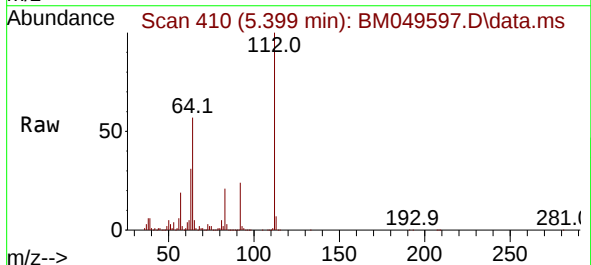
Instrument :
BNA_M
ClientSampleId :
PB166258BL

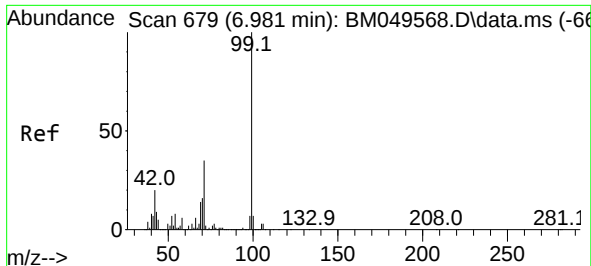
Tgt Ion:152 Resp: 273003
Ion Ratio Lower Upper
152 100
150 155.6 122.6 184.0
115 56.4 45.4 68.0



#5
2-Fluorophenol
Concen: 140.309 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BM049597.D
Acq: 07 Feb 2025 10:14

Tgt Ion:112 Resp: 2382002
Ion Ratio Lower Upper
112 100
64 56.9 47.8 71.8
63 31.2 26.2 39.4

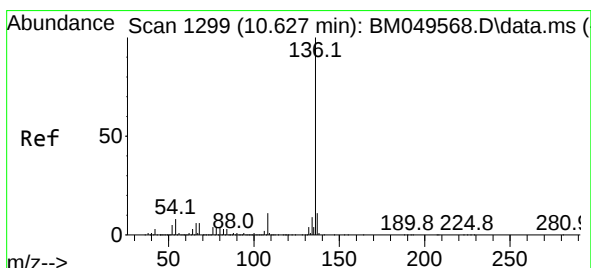
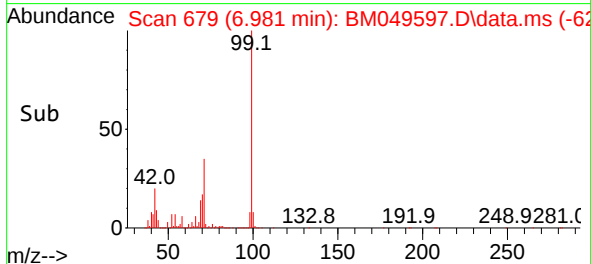
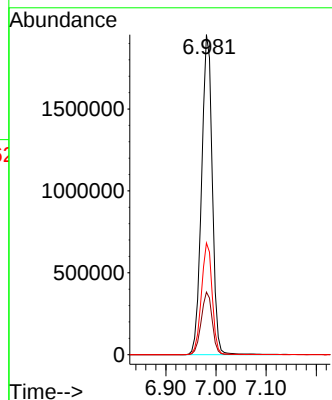
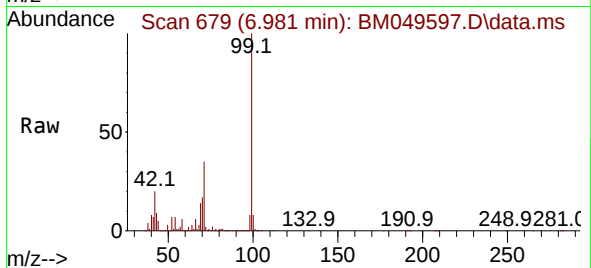




#7
Phenol-d6
Concen: 130.392 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049597.D
Acq: 07 Feb 2025 10:14

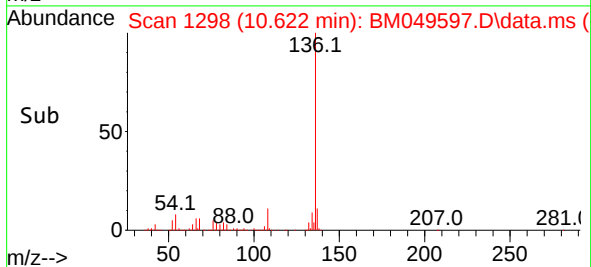
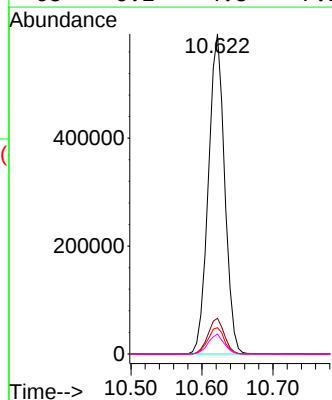
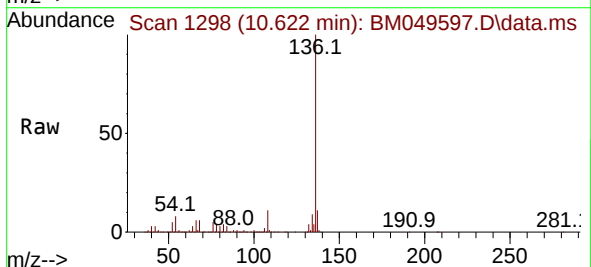
Instrument :
BNA_M
ClientSampleId :
PB166258BL

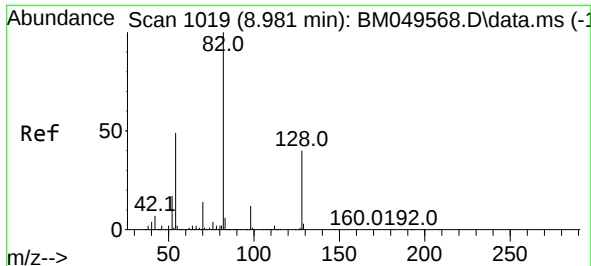
Tgt Ion: 99 Resp: 2900152
Ion Ratio Lower Upper
99 100
42 19.6 16.0 24.0
71 34.9 27.8 41.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM049597.D
Acq: 07 Feb 2025 10:14

Tgt Ion: 136 Resp: 945129
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.2 6.6 10.0
68 6.2 4.8 7.2

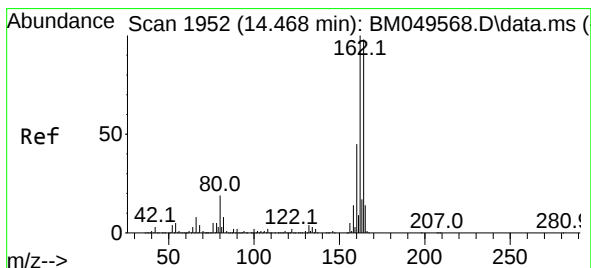
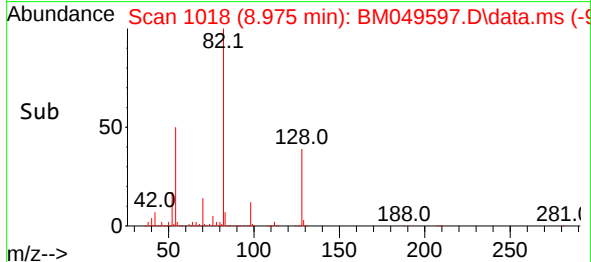
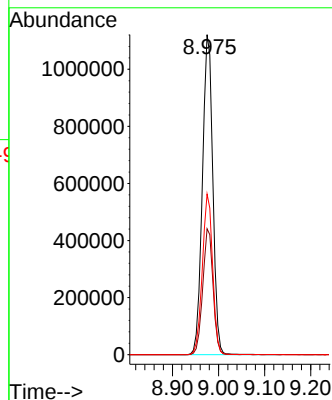
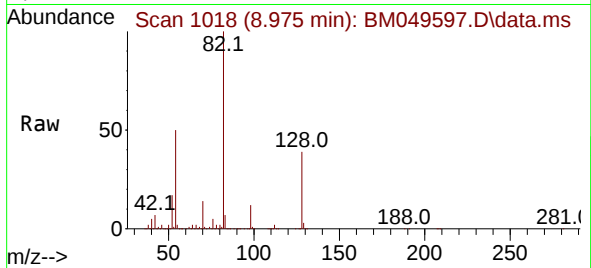




#23
Nitrobenzene-d5
Concen: 96.390 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM049597.D
Acq: 07 Feb 2025 10:14

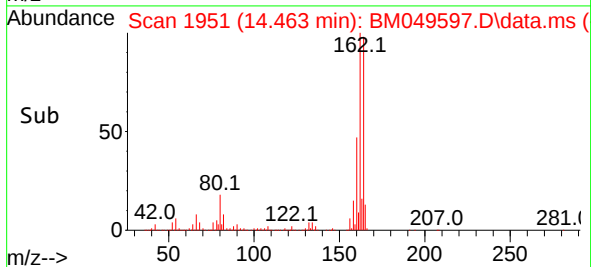
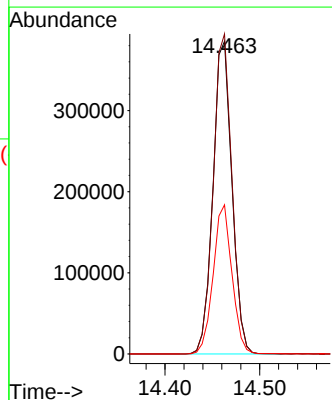
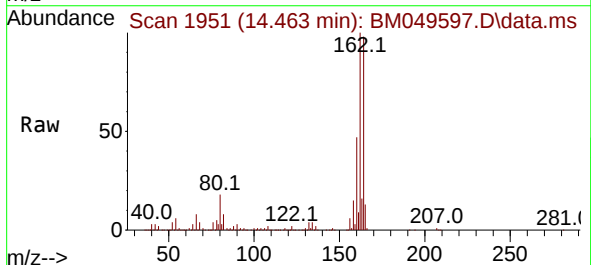
Instrument :
BNA_M
ClientSampleId :
PB166258BL

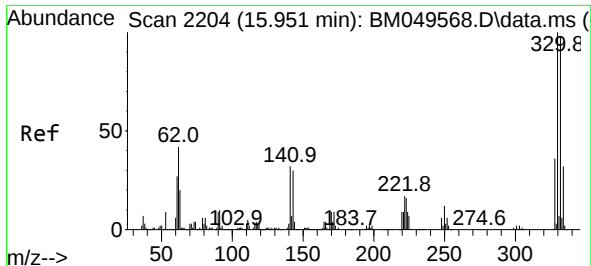
Tgt Ion: 82 Resp: 1771100
Ion Ratio Lower Upper
82 100
128 39.4 31.6 47.4
54 50.2 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM049597.D
Acq: 07 Feb 2025 10:14

Tgt Ion:164 Resp: 536814
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 47.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 121.731 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049597.D

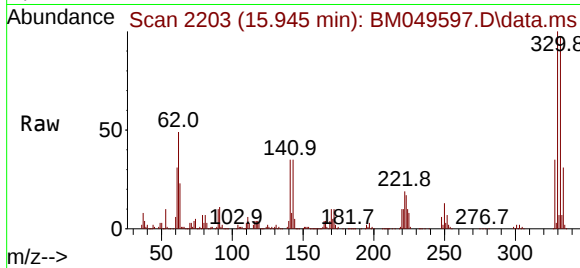
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Instrument :

BNA_M

ClientSampleId :

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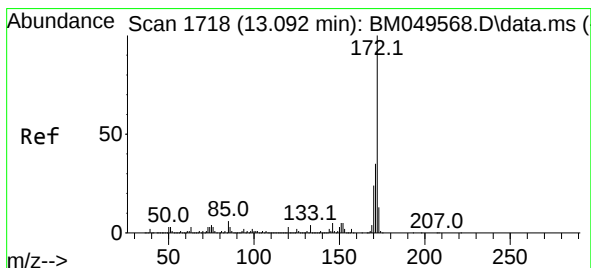
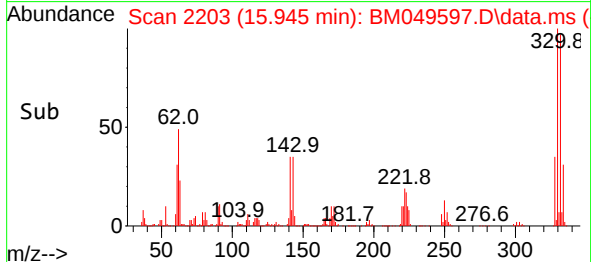
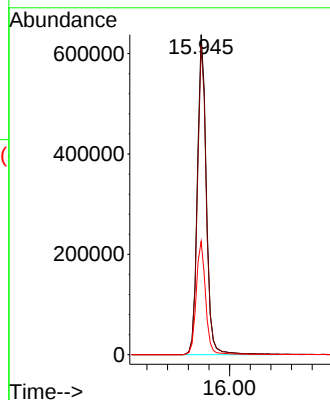
Tgt Ion:330 Resp: 774306

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 36.9 28.2 42.2



#45

2-Fluorobiphenyl

Concen: 102.409 ng

RT: 13.092 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BM049597.D

Acq: 07 Feb 2025 10:14

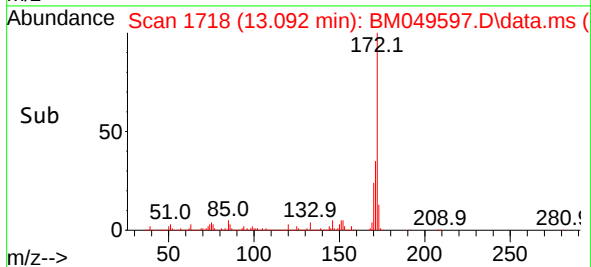
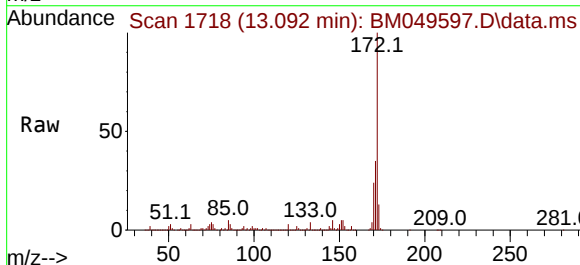
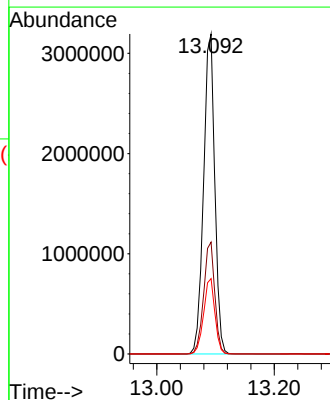
Tgt Ion:172 Resp: 4243649

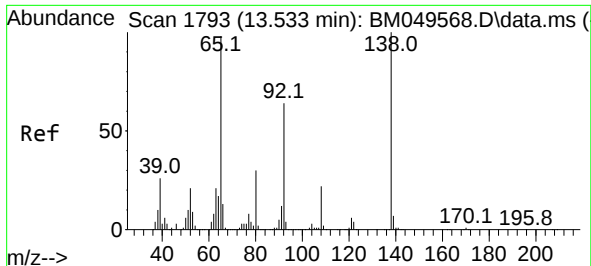
Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.5 19.0 28.4

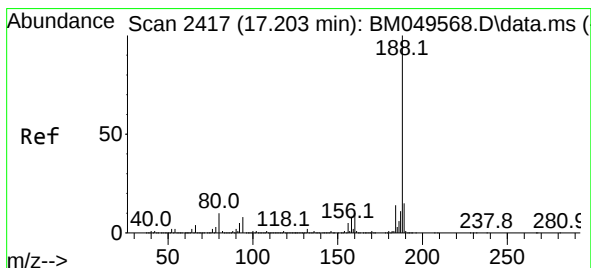
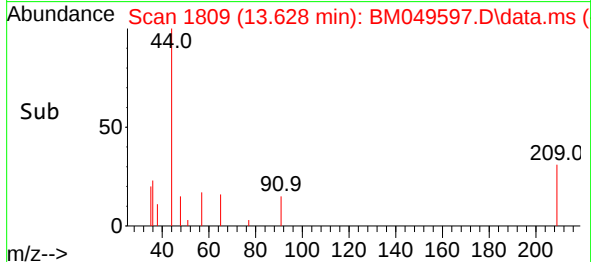
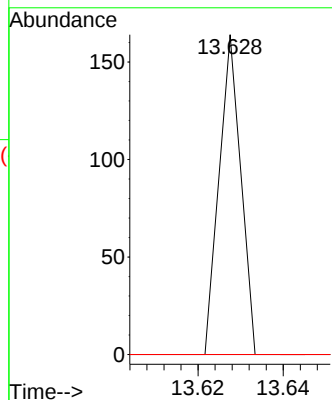
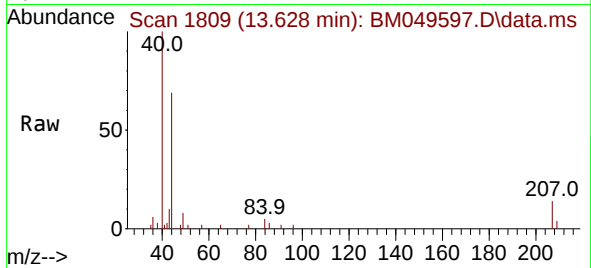




#48
2-Nitroaniline
Concen: 4.134 ng
RT: 13.628 min Scan# 11
Delta R.T. 0.094 min
Lab File: BM049597.D
Acq: 07 Feb 2025 10:14

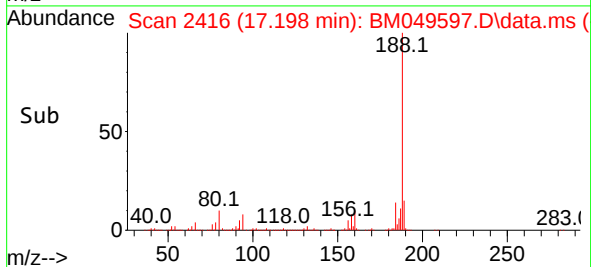
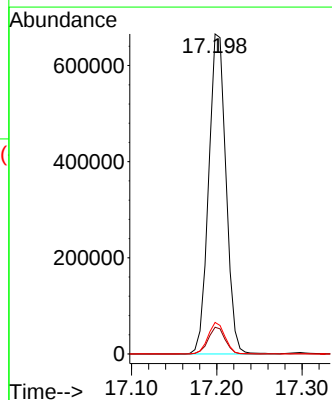
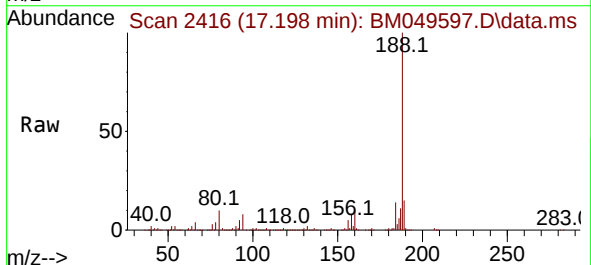
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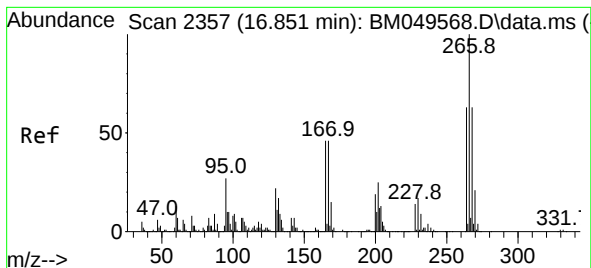
Tgt Ion: 65 Resp: 58
Ion Ratio Lower Upper
65 100
92 0.0 52.0 78.0#
138 0.0 81.6 122.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM049597.D
Acq: 07 Feb 2025 10:14

Tgt Ion:188 Resp: 939792
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.8 7.7 11.5





#70

Pentachlorophenol

Concen: 7.719 ng

RT: 16.857 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM049597.D

Acq: 07 Feb 2025 10:14

Instrument :

BNA_M

ClientSampleId :

PB166258BL

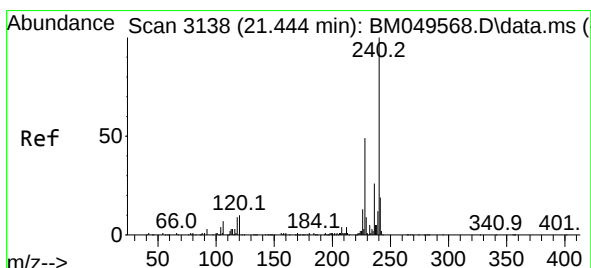
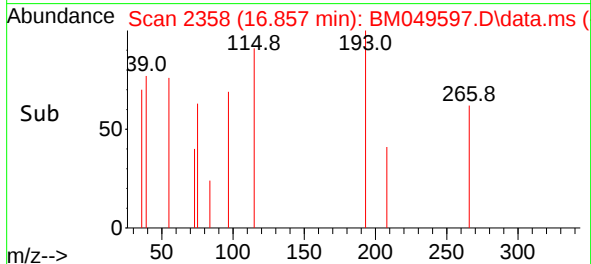
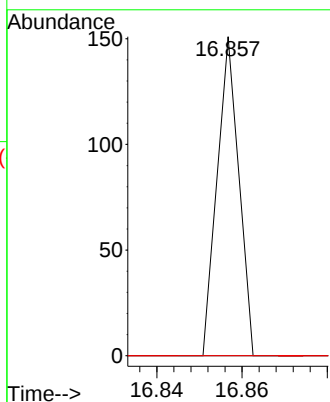
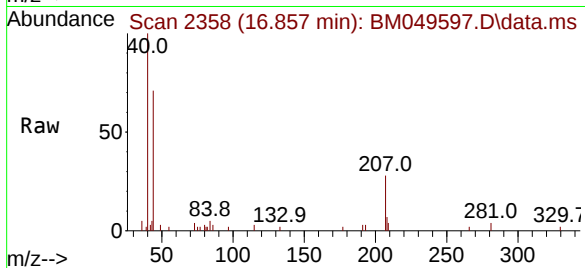
Tgt Ion:266 Resp: 53

Ion Ratio Lower Upper

266 100

268 0.0 50.8 76.2#

264 0.0 50.0 75.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM049597.D

Acq: 07 Feb 2025 10:14

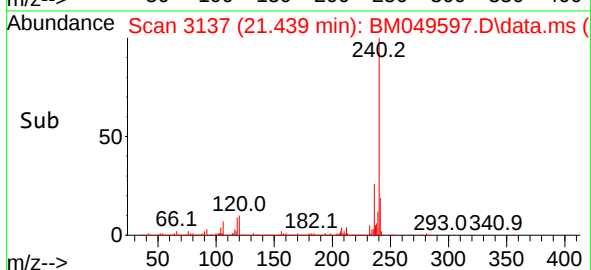
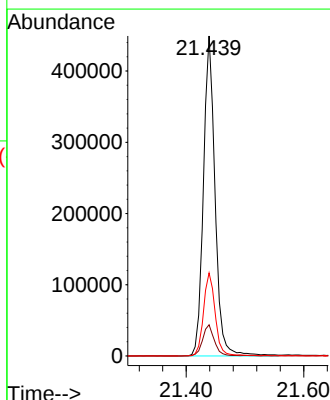
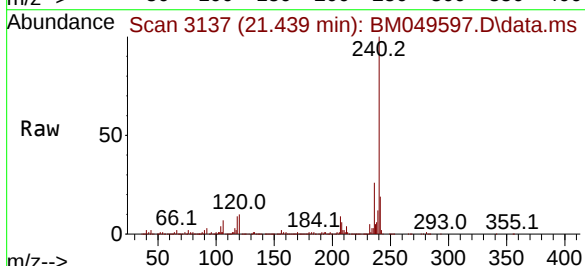
Tgt Ion:240 Resp: 621822

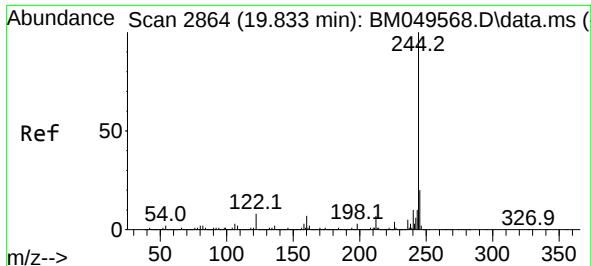
Ion Ratio Lower Upper

240 100

120 9.8 7.8 11.8

236 26.0 20.6 31.0

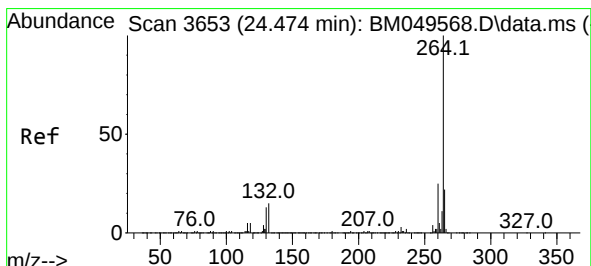
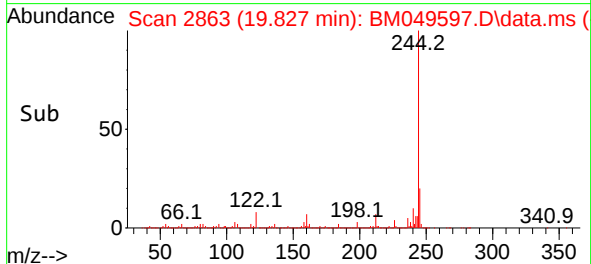
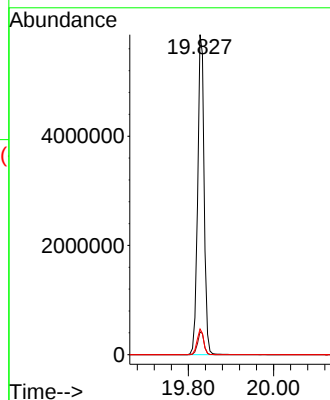
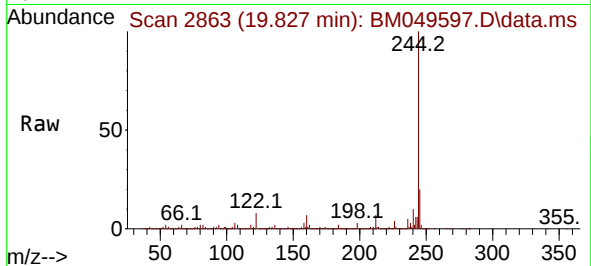




#79
 Terphenyl-d14
 Concen: 150.437 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049597.D
 Acq: 07 Feb 2025 10:14

Instrument :
 BNA_M
 ClientSampleId :
 PB166258BL

Tgt Ion:244 Resp: 6125925
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 8.0 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.468 min Scan# 3652
 Delta R.T. -0.006 min
 Lab File: BM049597.D
 Acq: 07 Feb 2025 10:14

Tgt Ion:264 Resp: 509617
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 22.1 17.5 26.3

