

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042125\
 Data File : BM049979.D
 Acq On : 21 Apr 2025 10:36
 Operator : RC/JU
 Sample : PB167645BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167645BL

Quant Time: Apr 21 11:35:51 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)

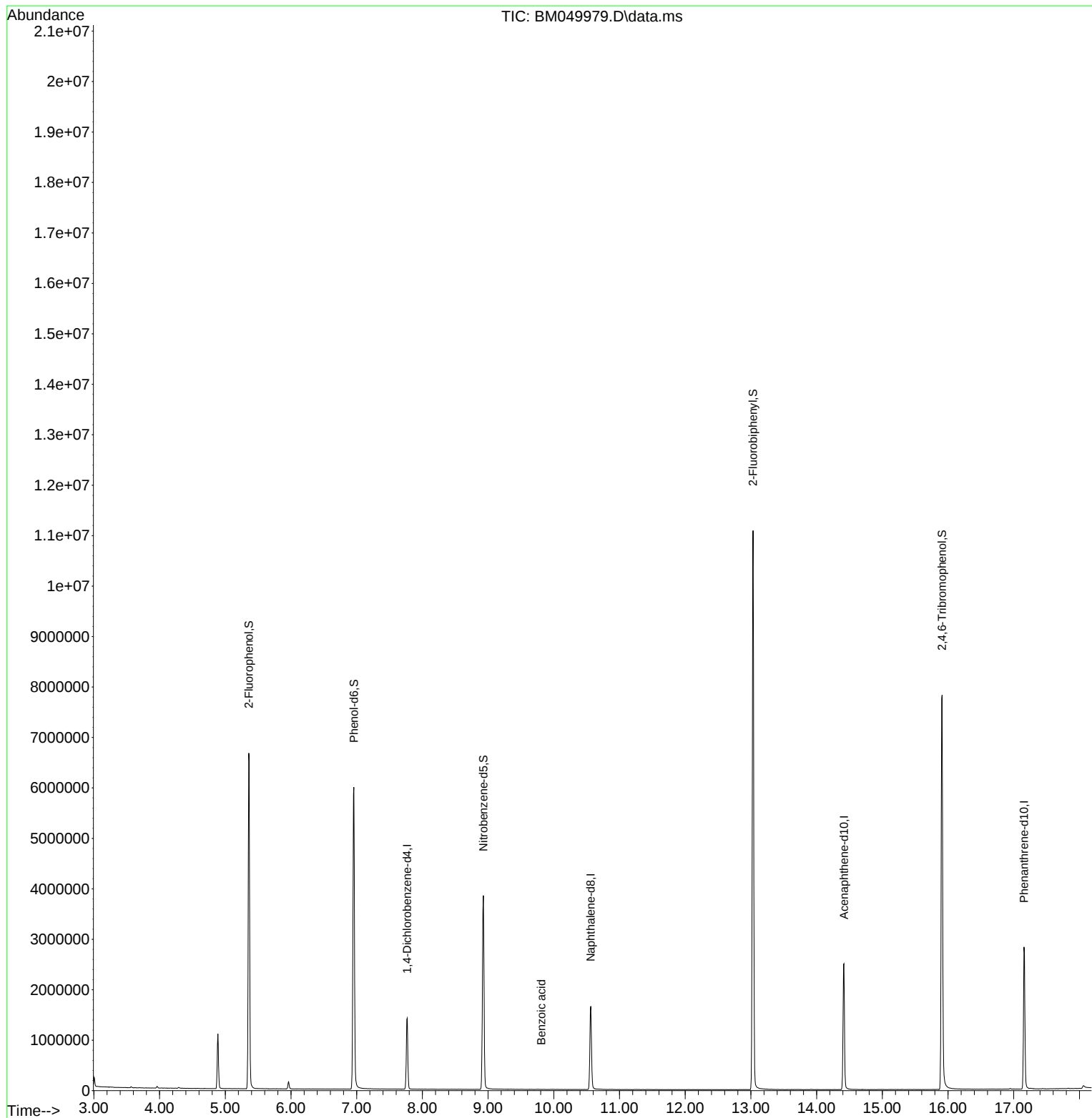
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	419771	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1477454	20.000	ng	-0.01
39) Acenaphthene-d10	14.415	164	979467	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1831091	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1331927	20.000	ng	0.00
86) Perylene-d12	24.403	264	1256899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3117462	126.109	ng	0.00
7) Phenol-d6	6.957	99	3821408	124.246	ng	0.00
23) Nitrobenzene-d5	8.928	82	2328944	87.778	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1924091	135.055	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	6396440	88.555	ng	-0.01
79) Terphenyl-d14	19.786	244	8436353	118.701	ng	0.00
Target Compounds						
32) Benzoic acid	9.810	122	60	8.541	ng	Qvalue # 15

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

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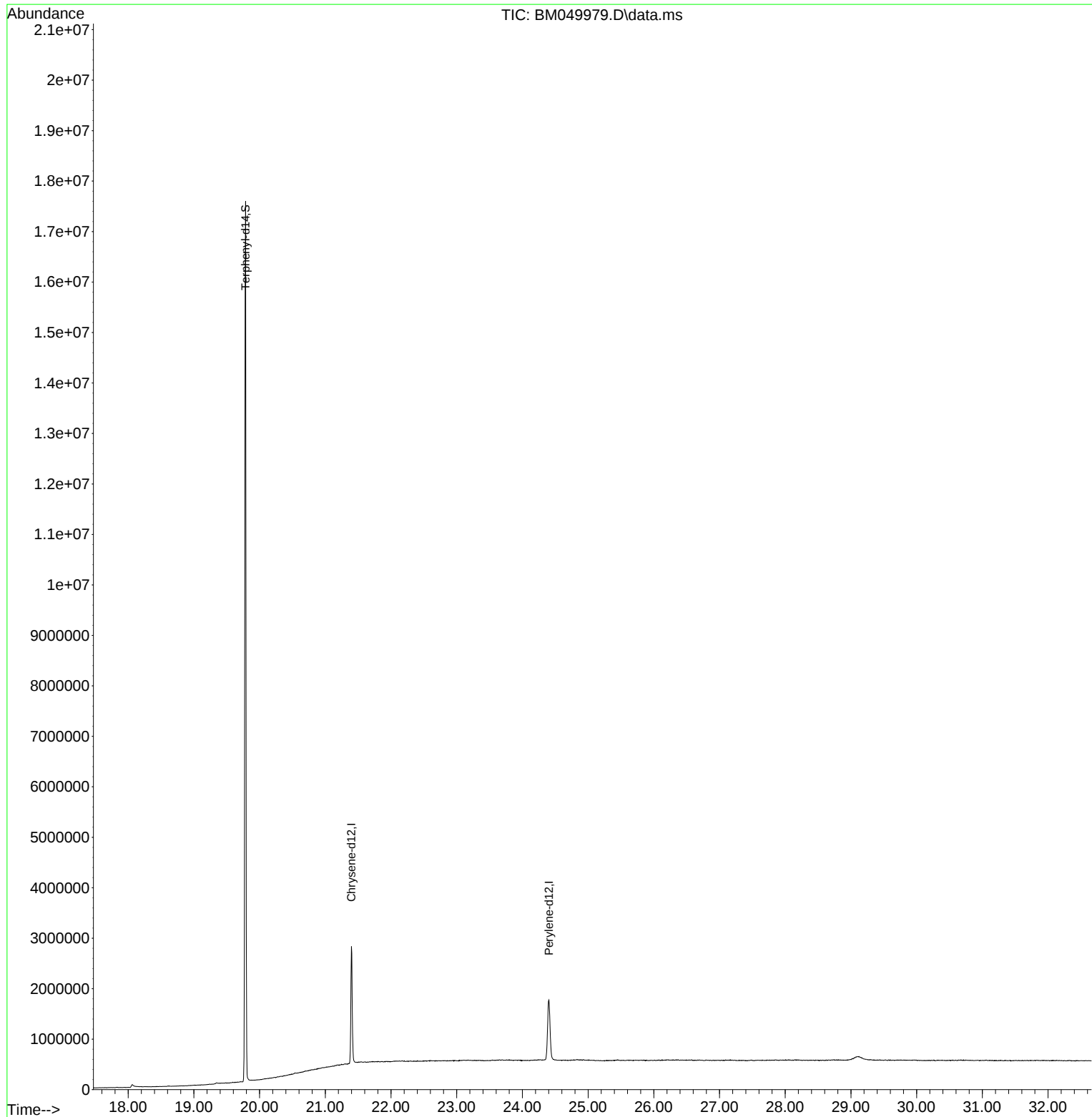
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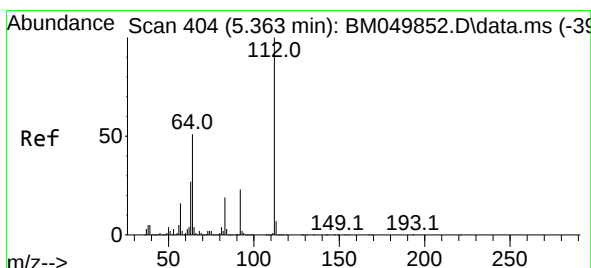
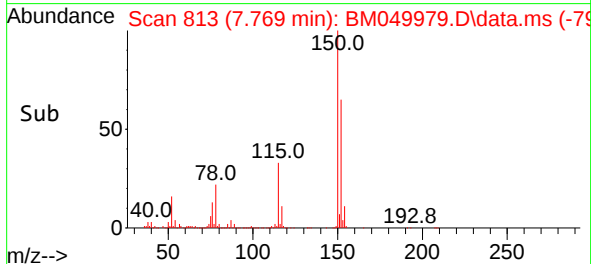
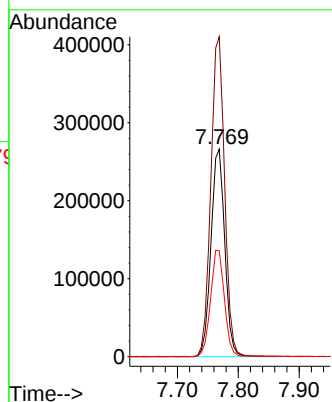
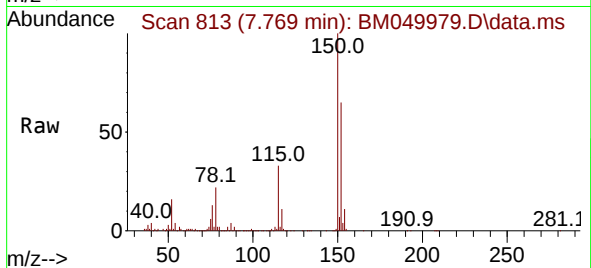




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

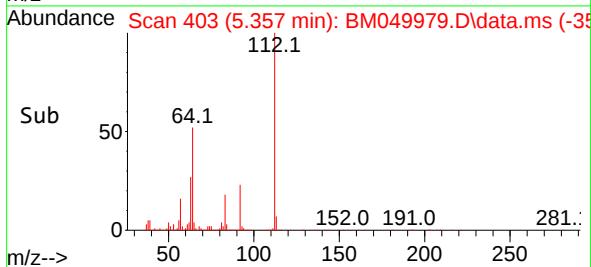
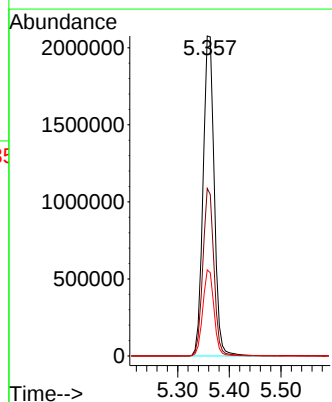
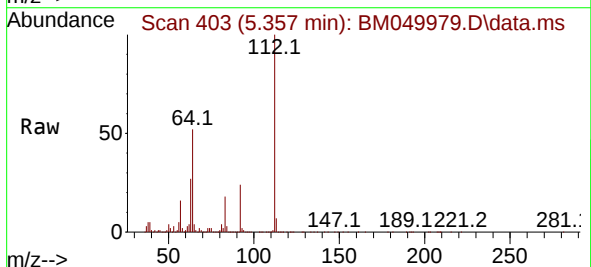
Instrument :
BNA_M
ClientSampleId :
PB167645BL

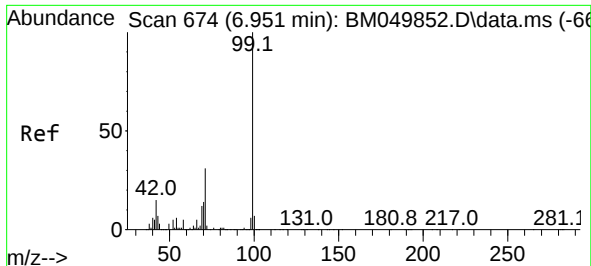
Tgt Ion:152 Resp: 419771
Ion Ratio Lower Upper
152 100
150 154.2 124.3 186.5
115 51.0 41.1 61.7



#5
2-Fluorophenol
Concen: 126.109 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Tgt Ion:112 Resp: 3117462
Ion Ratio Lower Upper
112 100
64 52.4 41.0 61.6
63 26.9 21.5 32.3

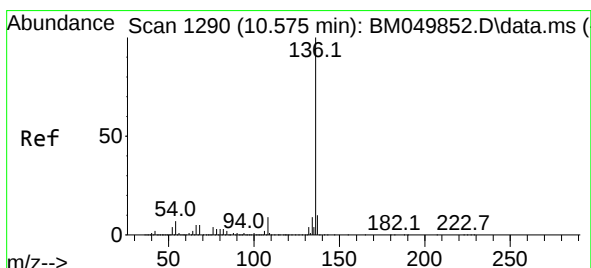
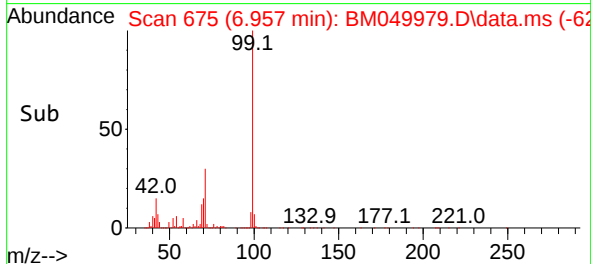
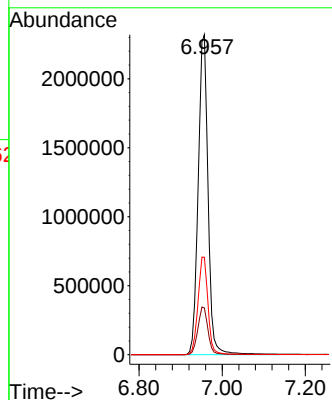
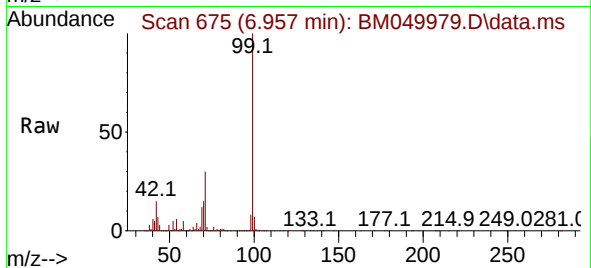




#7
Phenol-d6
Concen: 124.246 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

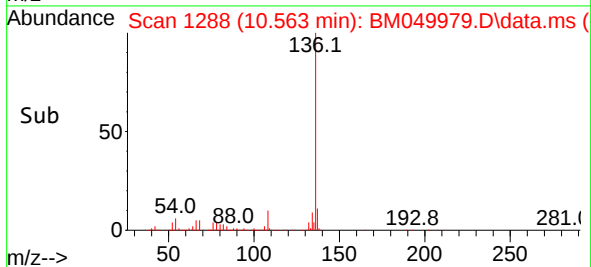
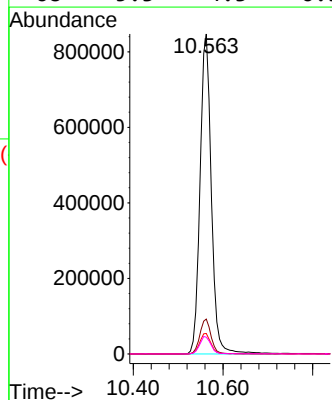
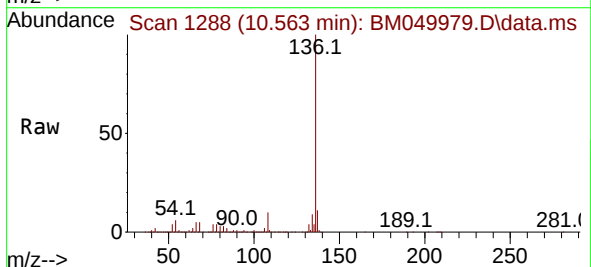
Instrument :
BNA_M
ClientSampleId :
PB167645BL

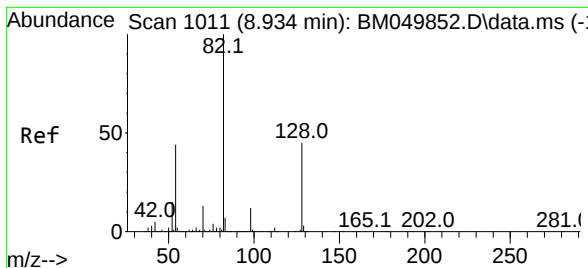
Tgt Ion: 99 Resp: 3821408
Ion Ratio Lower Upper
99 100
42 14.6 12.1 18.1
71 30.4 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Tgt Ion: 136 Resp: 1477454
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.4 5.3 7.9
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 87.778 ng

RT: 8.928 min Scan# 110

Delta R.T. -0.006 min

Lab File: BM049979.D

Acq: 21 Apr 2025 10:36

Instrument :

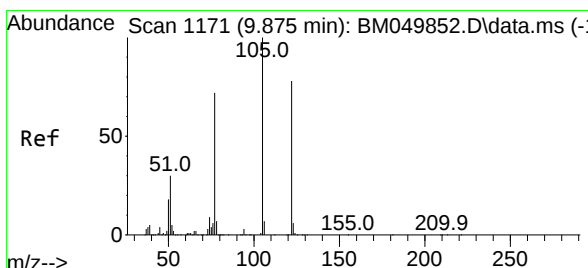
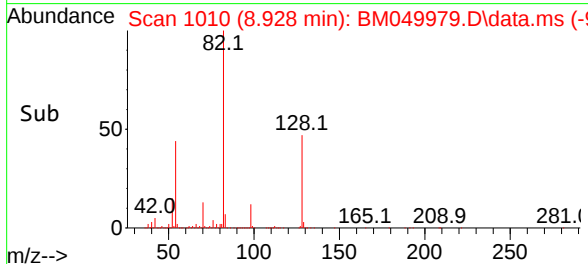
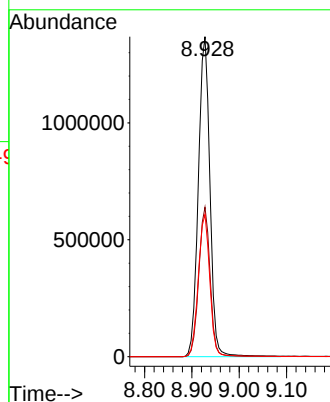
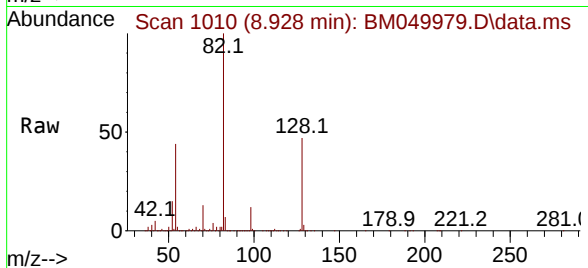
BNA_M

ClientSampleId :

PB167645BL

Tgt Ion: 82 Resp: 2328944

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.2	54.2
54	44.4	35.0	52.6



#32

Benzoic acid

Concen: 8.541 ng

RT: 9.810 min Scan# 1160

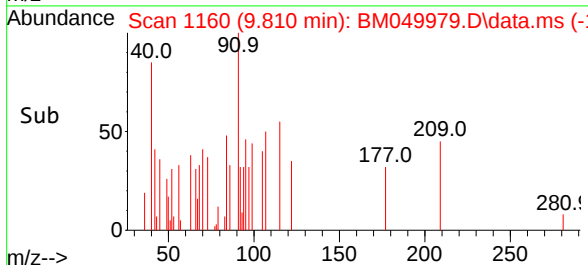
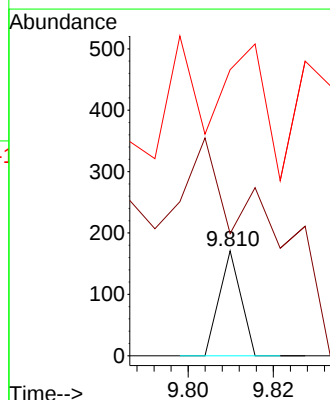
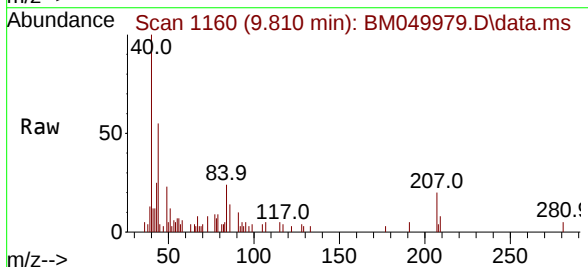
Delta R.T. -0.065 min

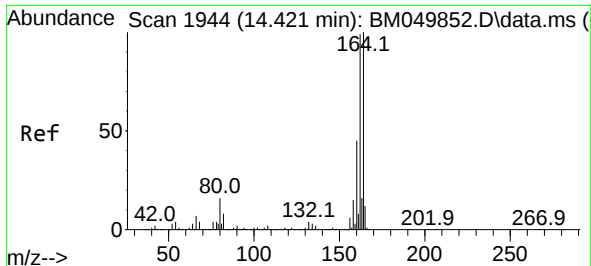
Lab File: BM049979.D

Acq: 21 Apr 2025 10:36

Tgt Ion:122 Resp: 60

Ion	Ratio	Lower	Upper
122	100		
105	116.4	103.8	143.8
77	272.5	70.7	110.7#

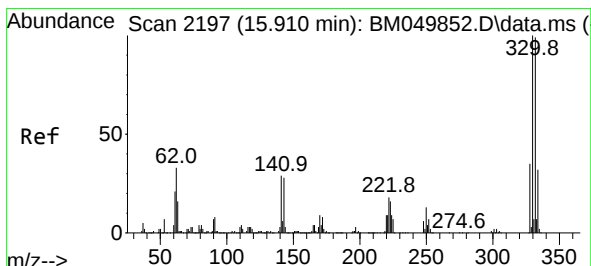
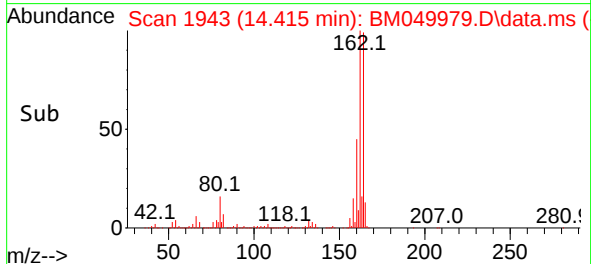
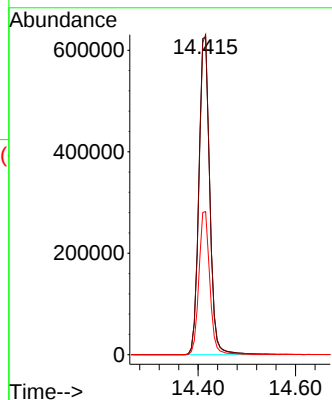
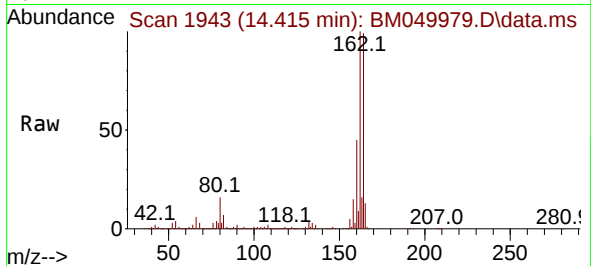




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

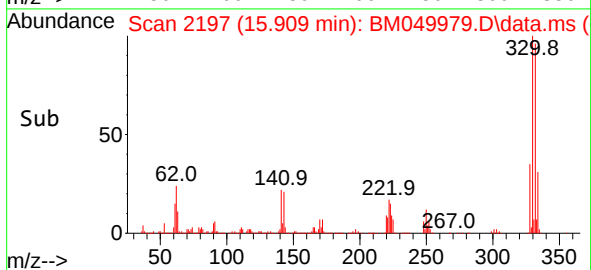
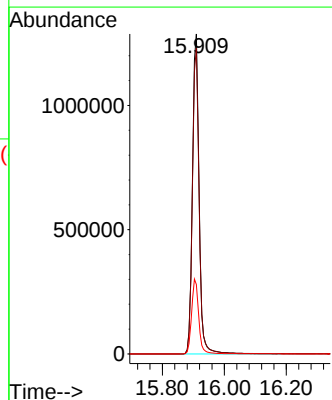
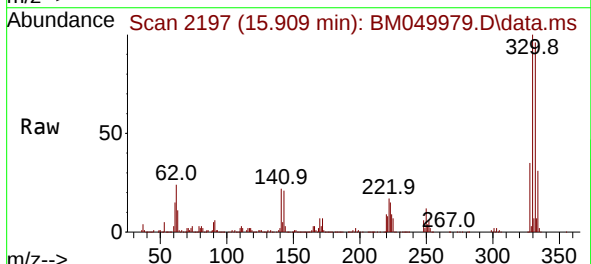
Instrument :
BNA_M
ClientSampleId :
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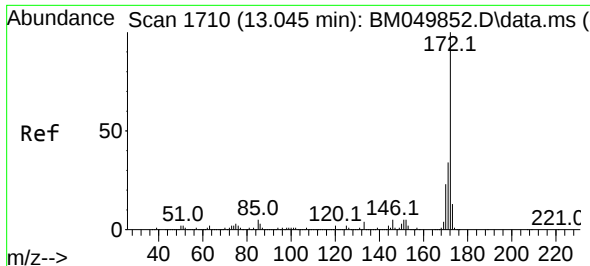
Tgt Ion:164 Resp: 979467
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.0
160 45.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 135.055 ng
RT: 15.909 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Tgt Ion:330 Resp: 1924091
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 25.1 23.5 35.3

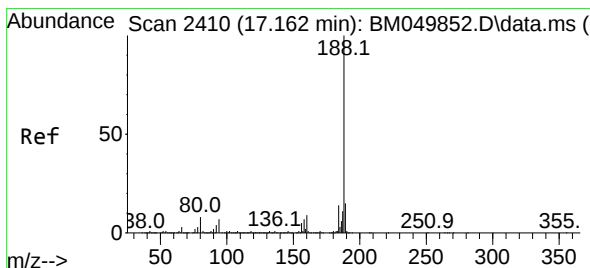
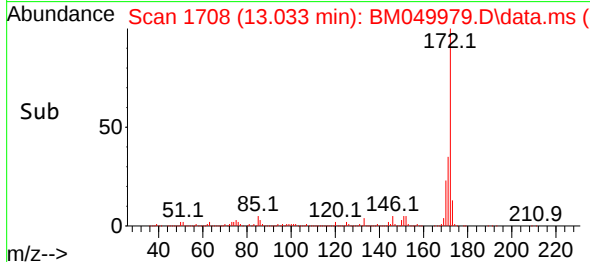
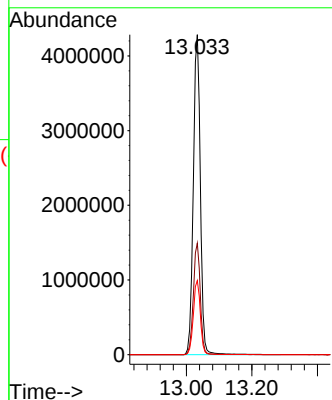
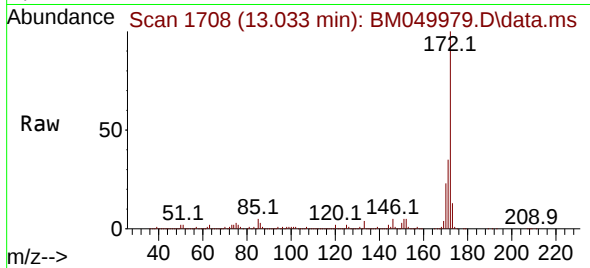




#45
2-Fluorobiphenyl
Concen: 88.555 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

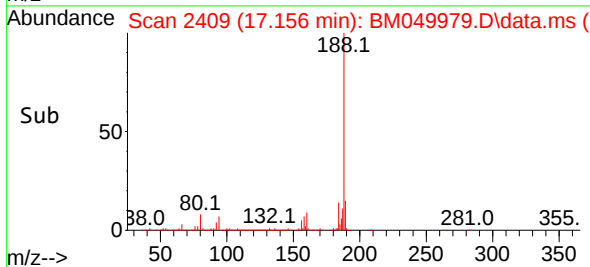
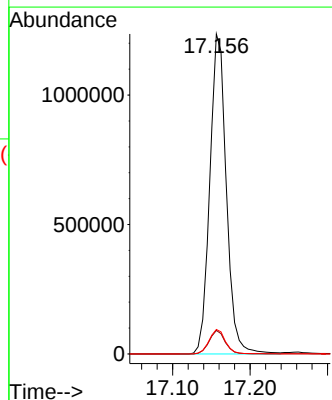
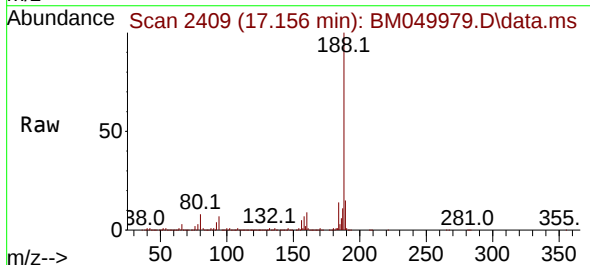
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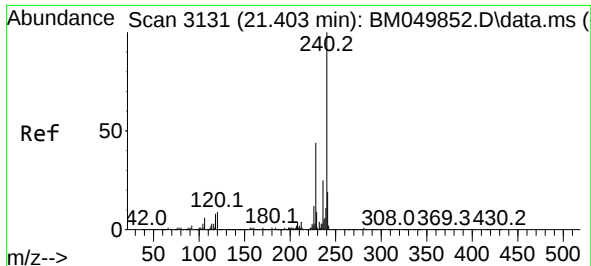
Tgt Ion:172 Resp: 6396440
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.2
170 23.2 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Tgt Ion:188 Resp: 1831091
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 7.7 6.4 9.6

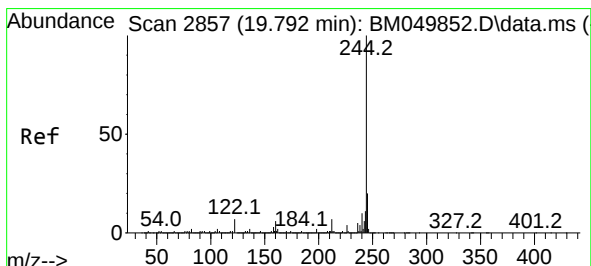
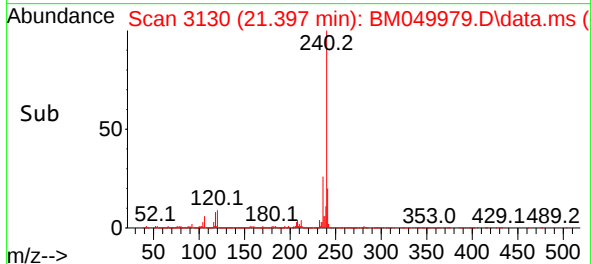
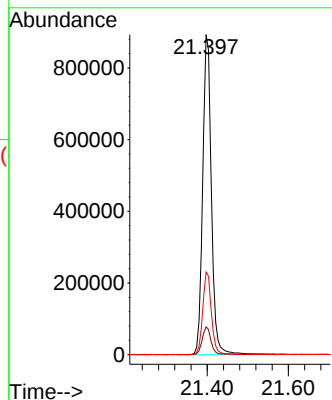
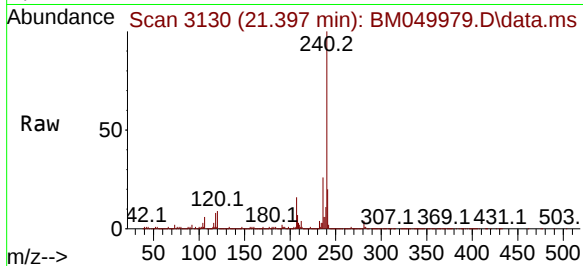




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

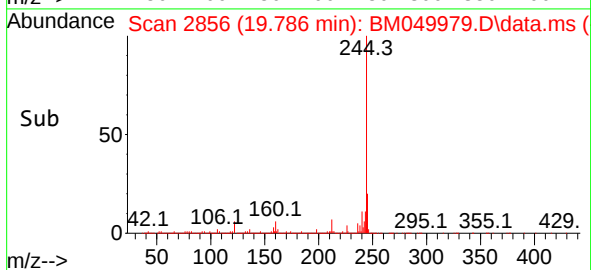
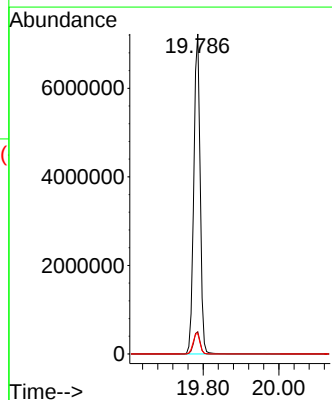
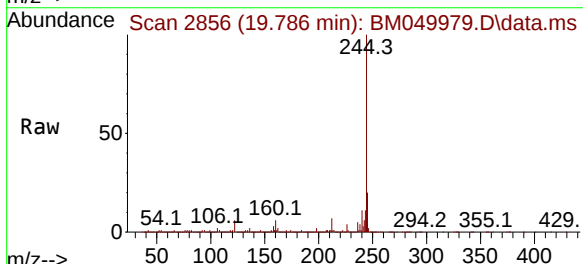
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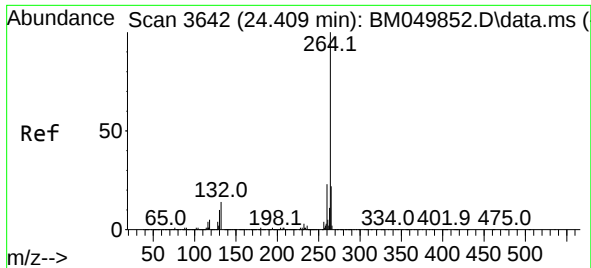
Tgt Ion:240 Resp: 1331927
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.8 20.4 30.6



#79
Terphenyl-d14
Concen: 118.701 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Tgt Ion:244 Resp: 8436353
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 6.4 5.4 8.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.403 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM049979.D
 Acq: 21 Apr 2025 10:36

Instrument :
 BNA_M
 ClientSampleId :
 PB167645BL

Tgt Ion:264 Resp: 1256899
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 21.9 17.8 26.8

