

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049900.D
 Acq On : 11 Apr 2025 14:18
 Operator : RC/JU
 Sample : Q1753-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Quant Time: Apr 11 14:58:50 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	372488	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1259224	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	792777	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1485571	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1295856	20.000	ng	0.00
86) Perylene-d12	24.397	264	1363805	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	3164020	144.239	ng	0.00
7) Phenol-d6	6.951	99	3562757	130.541	ng	0.00
23) Nitrobenzene-d5	8.934	82	2487274	109.992	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1967380	170.613	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	6387041	109.248	ng	0.00
79) Terphenyl-d14	19.786	244	9025998	130.533	ng	0.00

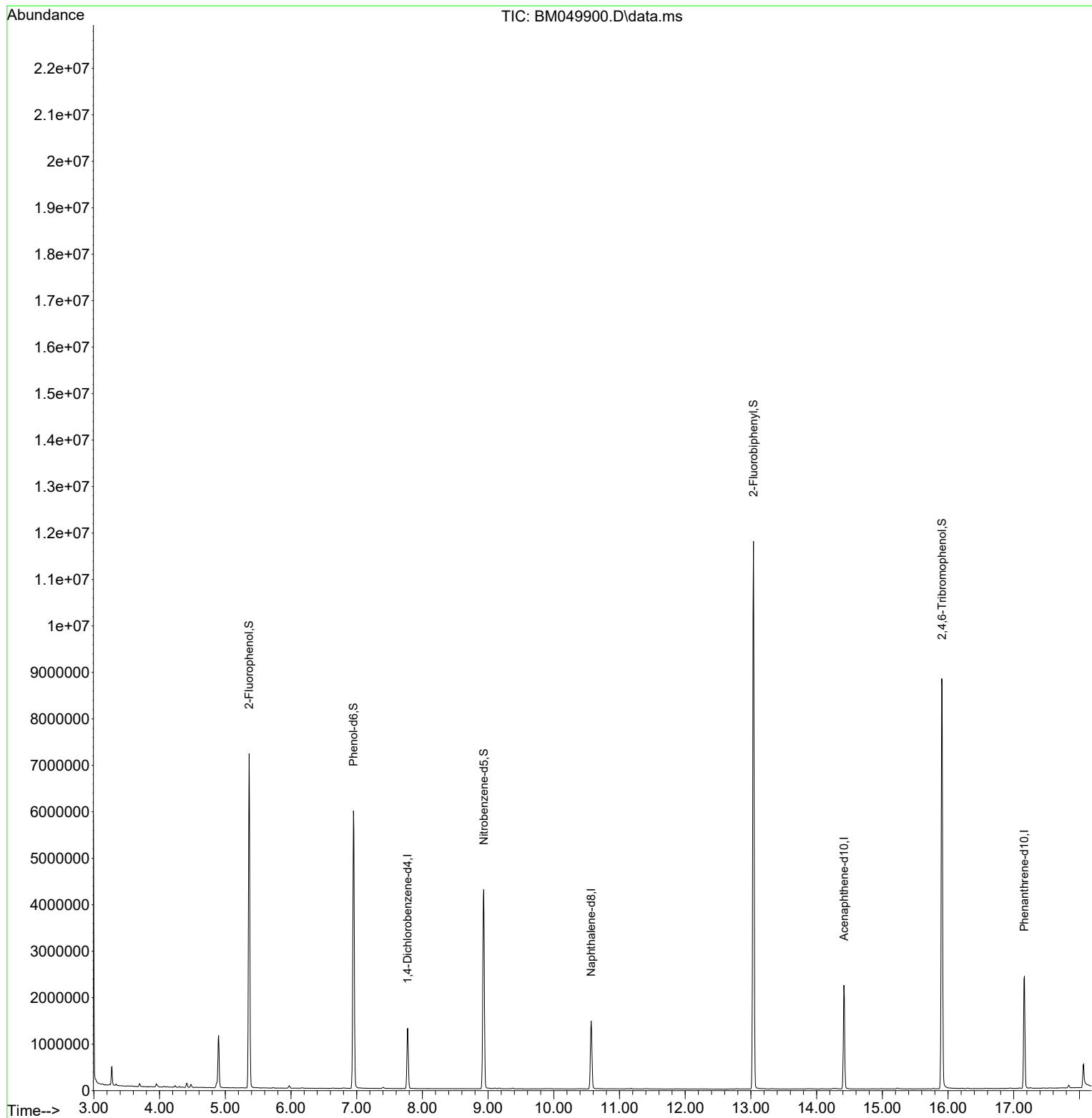
Target Compounds	Qvalue

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

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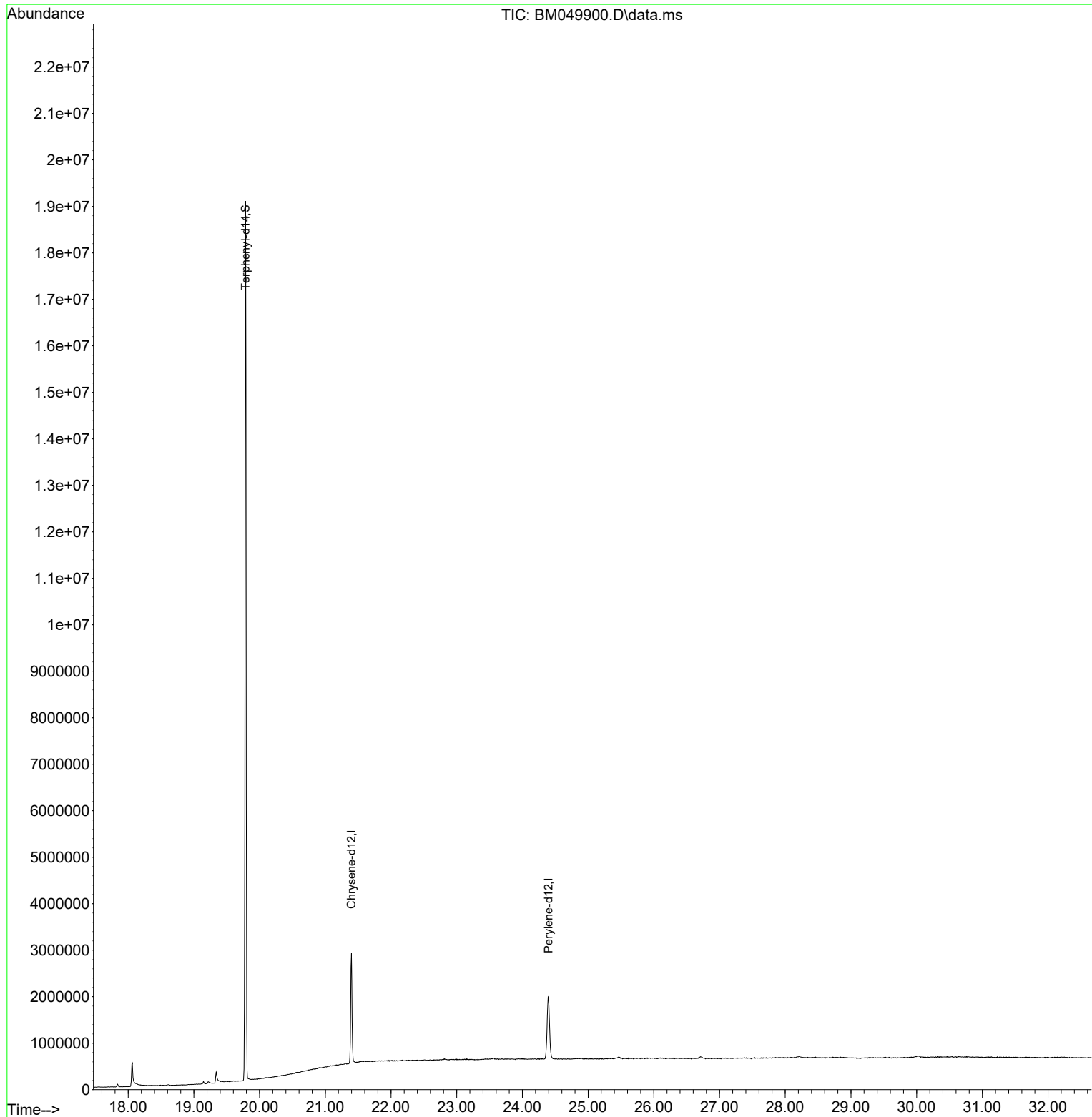
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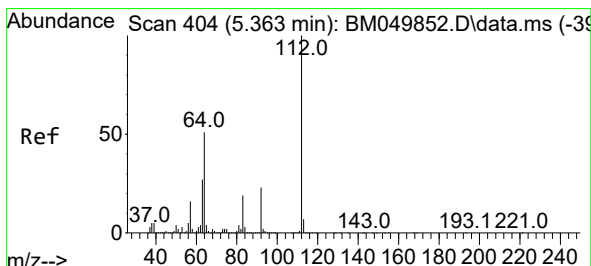
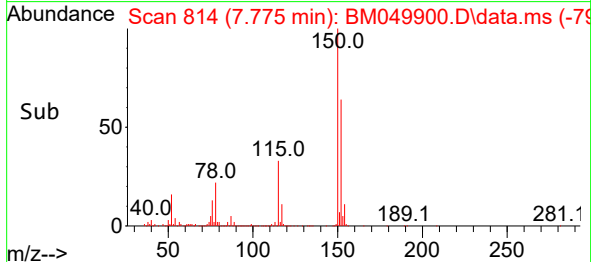
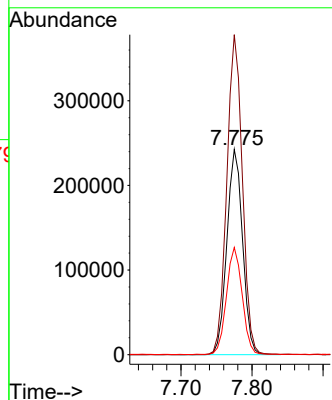
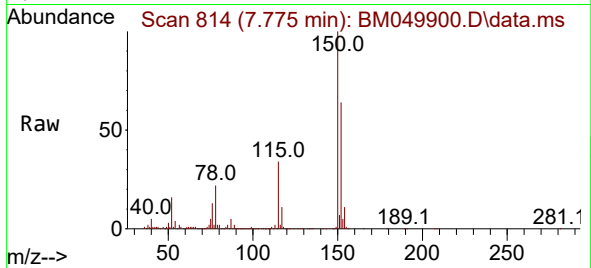




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049900.D
Acq: 11 Apr 2025 14:18

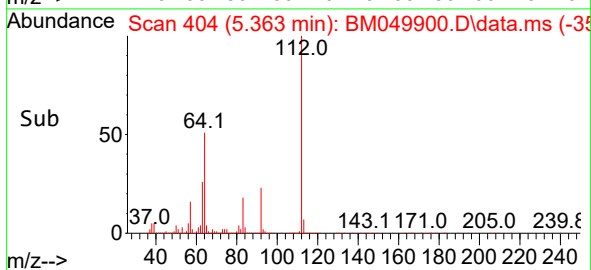
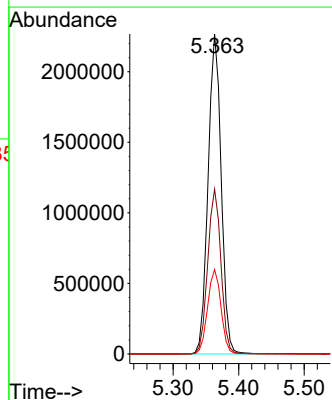
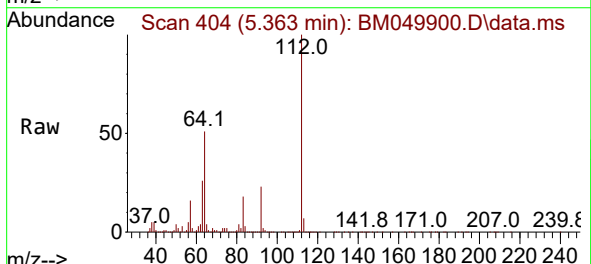
Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 372488
Ion Ratio Lower Upper
152 100
150 155.9 124.3 186.5
115 52.3 41.1 61.7



#5
2-Fluorophenol
Concen: 144.239 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049900.D
Acq: 11 Apr 2025 14:18

Tgt Ion:112 Resp: 3164020
Ion Ratio Lower Upper
112 100
64 51.5 41.0 61.6
63 26.4 21.5 32.3



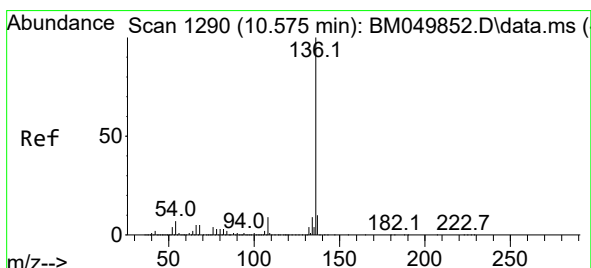
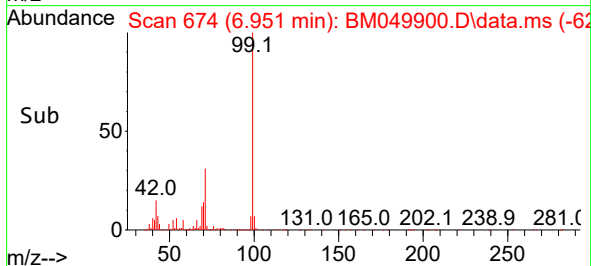
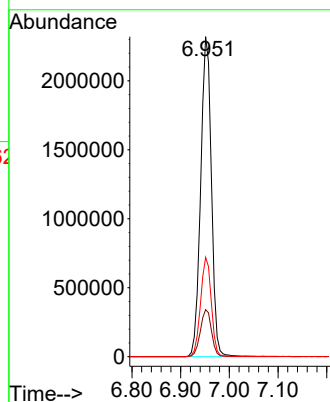
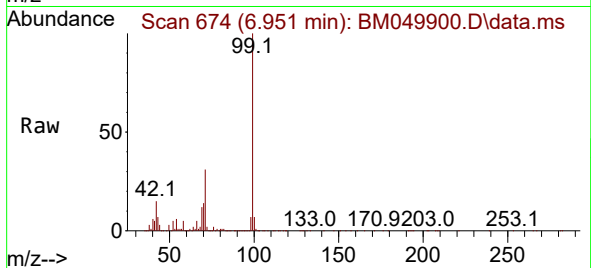


#7
Phenol-d6
Concen: 130.541 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049900.D
Acq: 11 Apr 2025 14:18

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 3562757

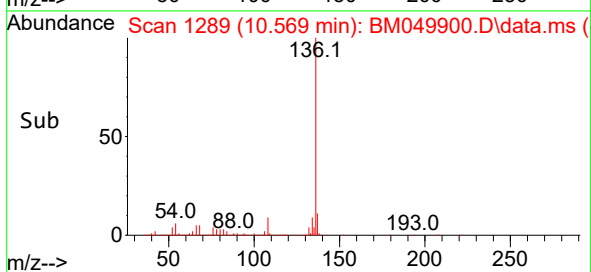
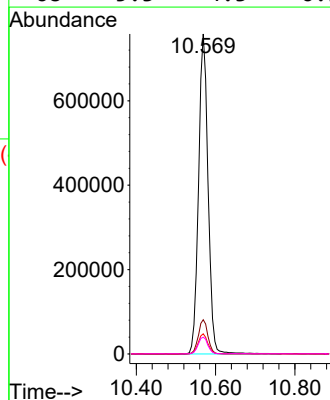
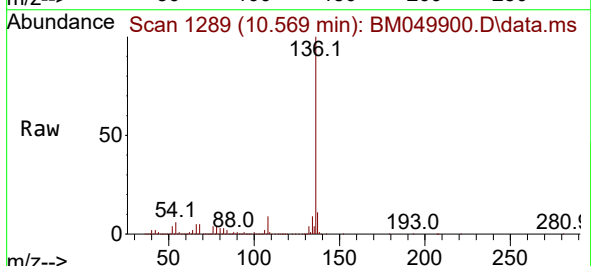
Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.1	18.1
71	31.1	24.9	37.3

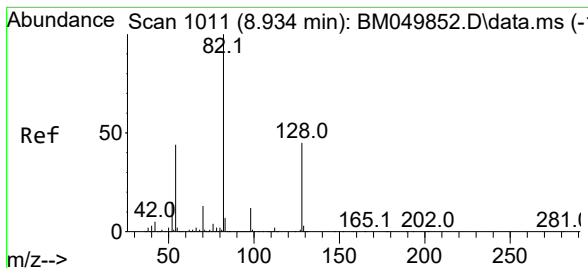


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049900.D
Acq: 11 Apr 2025 14:18

Tgt Ion: 136 Resp: 1259224

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.3	5.3	7.9
68	5.3	4.3	6.5



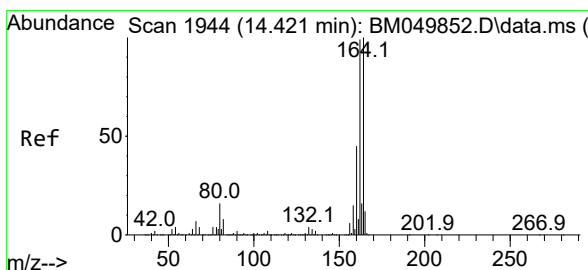
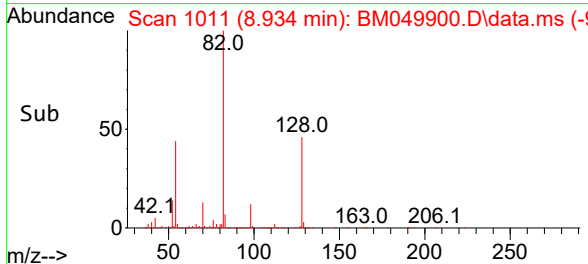
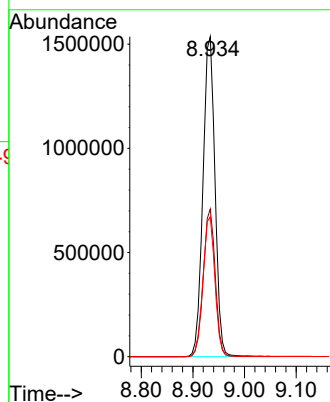
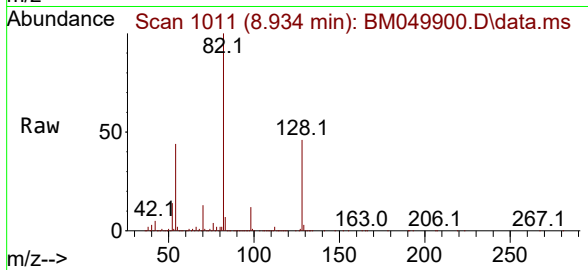


#23
Nitrobenzene-d5
Concen: 109.992 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM049900.D
Acq: 11 Apr 2025 14:18

Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion: 82 Resp: 2487274

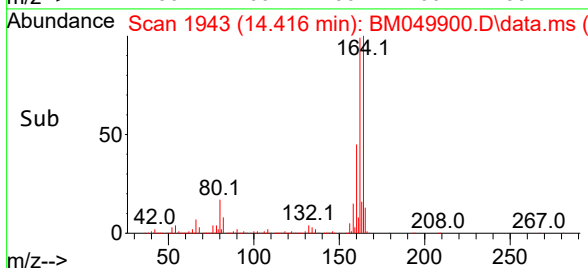
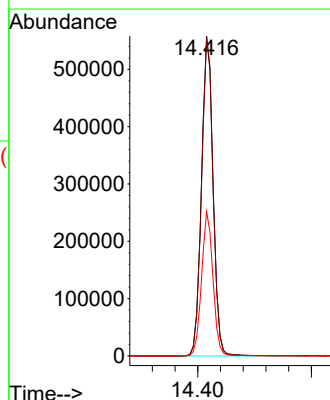
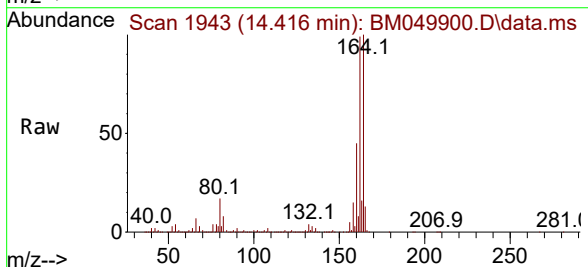
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.2	54.2
54	43.7	35.0	52.6

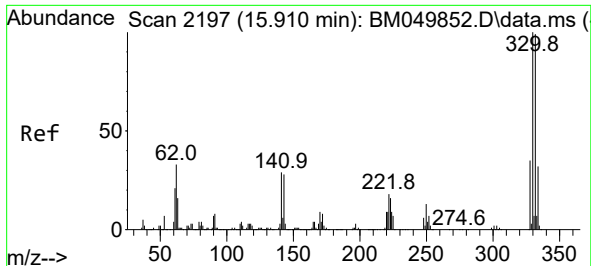


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049900.D
Acq: 11 Apr 2025 14:18

Tgt Ion:164 Resp: 792777

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.4	119.0
160	45.1	36.2	54.2

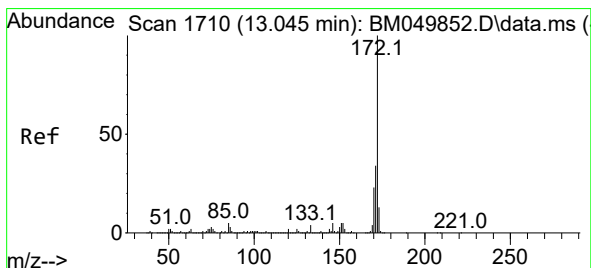
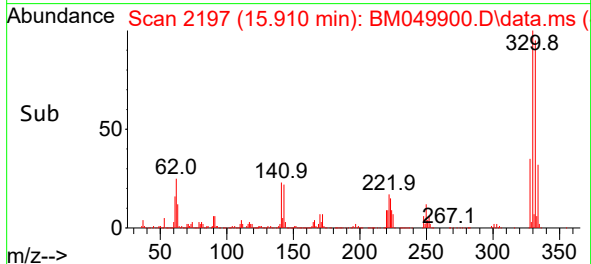
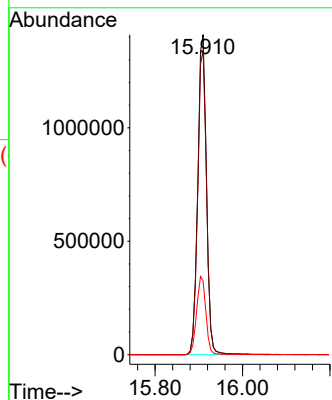
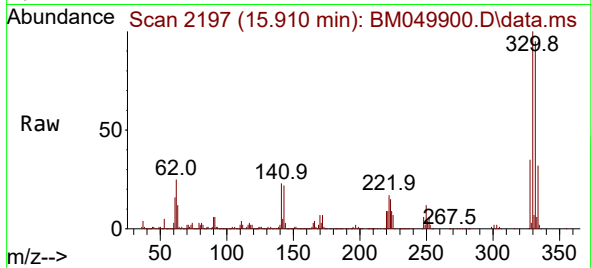




#42
2,4,6-Tribromophenol
Concen: 170.613 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049900.D
Acq: 11 Apr 2025 14:18

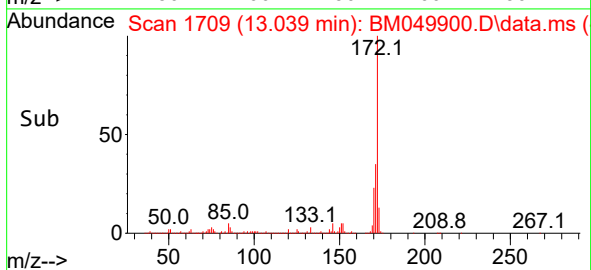
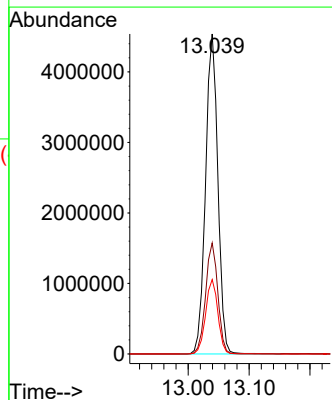
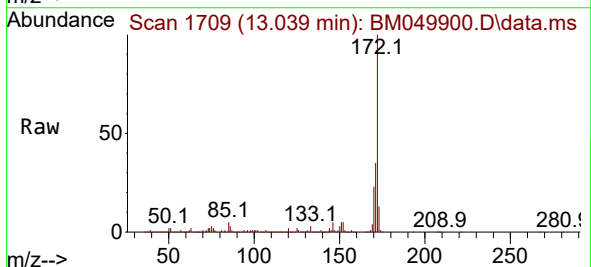
Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion:330 Resp: 1967380
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 26.0 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 109.248 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049900.D
Acq: 11 Apr 2025 14:18

Tgt Ion:172 Resp: 6387041
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.2
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.163 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM049900.D

Acq: 11 Apr 2025 14:18

Instrument :

BNA_M

ClientSampleId :

WC-1

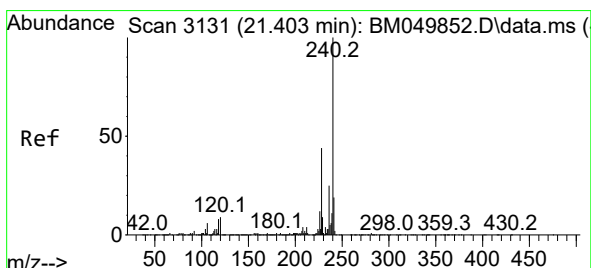
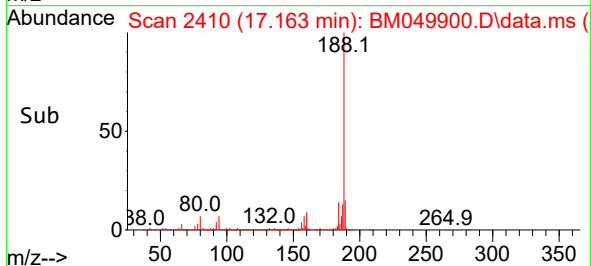
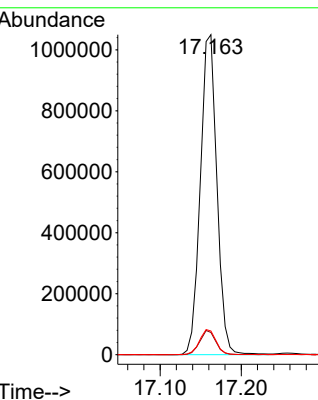
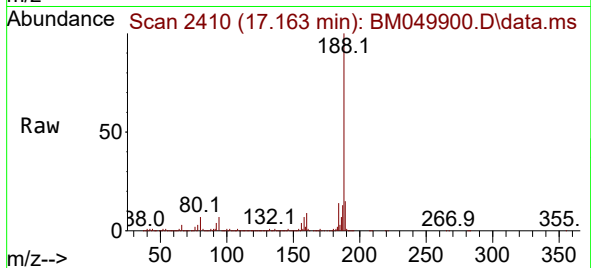
Tgt Ion:188 Resp: 1485571

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

80 7.4 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049900.D

Acq: 11 Apr 2025 14:18

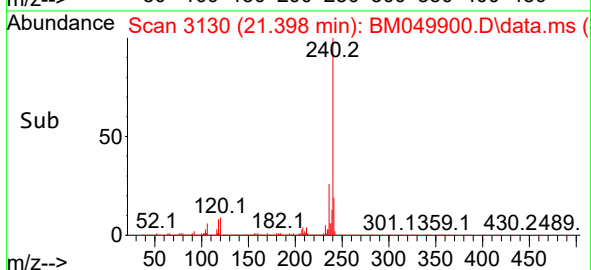
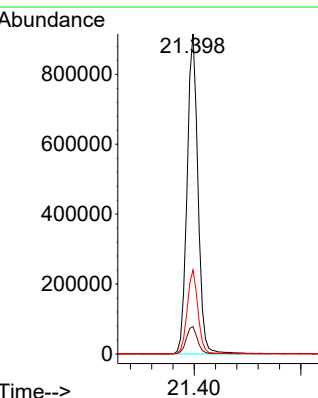
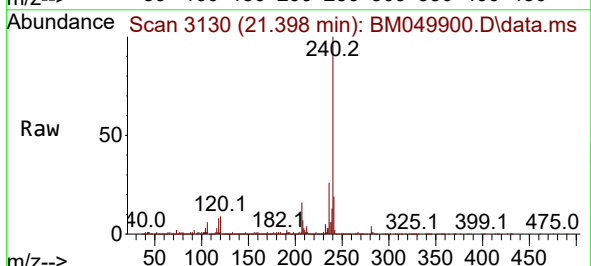
Tgt Ion:240 Resp: 1295856

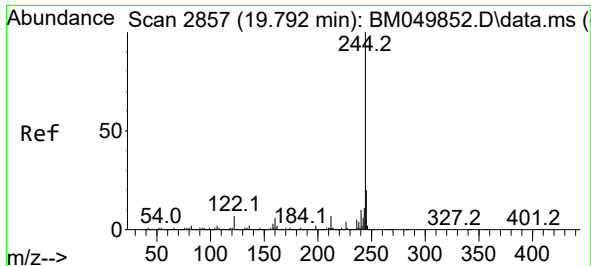
Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

236 26.2 20.4 30.6

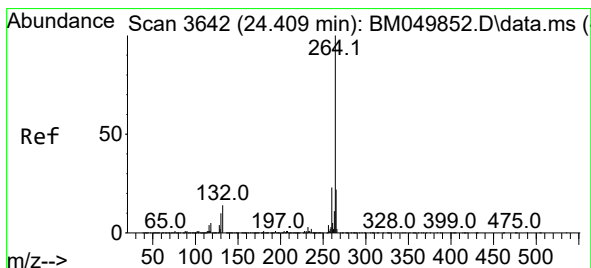
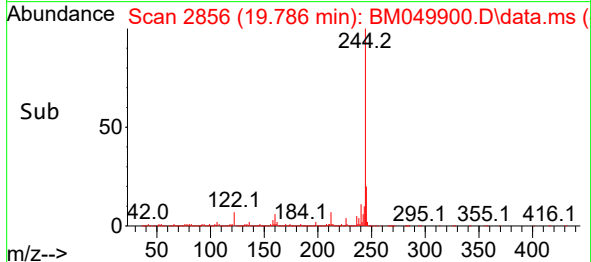
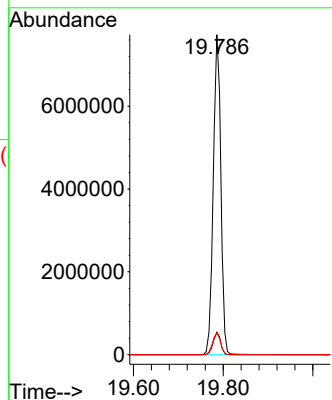
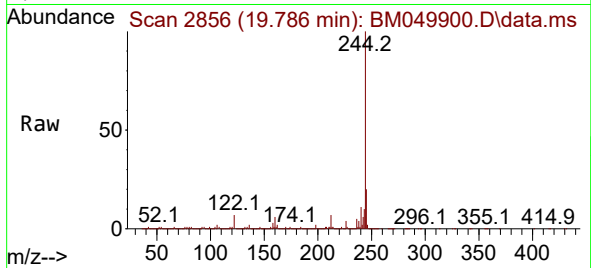




#79
 Terphenyl-d14
 Concen: 130.533 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049900.D
 Acq: 11 Apr 2025 14:18

Instrument :
 BNA_M
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 WC-1

Tgt Ion:244 Resp: 9025998
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 6.7 5.4 8.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.397 min Scan# 3640
 Delta R.T. -0.012 min
 Lab File: BM049900.D
 Acq: 11 Apr 2025 14:18

Tgt Ion:264 Resp: 1363805
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.8 17.8 26.8

