

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010225\
 Data File : BM049322.D
 Acq On : 02 Jan 2025 18:51
 Operator : RC/JU
 Sample : PB165929BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB165929BL

Quant Time: Jan 02 23:39:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 17:54:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	173071	20.000	ng	0.00
21) Naphthalene-d8	10.287	136	601721	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	350888	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	677127	20.000	ng	0.00
76) Chrysene-d12	21.151	240	574209	20.000	ng	0.00
86) Perylene-d12	23.933	264	585252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	1638341	148.995	ng	0.00
7) Phenol-d6	6.722	99	1979061	136.238	ng	0.00
23) Nitrobenzene-d5	8.669	82	1179627	92.753	ng	0.00
42) 2,4,6-Tribromophenol	15.669	330	658679	142.689	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	2658599	98.372	ng	0.00
79) Terphenyl-d14	19.568	244	3985055	114.545	ng	0.00

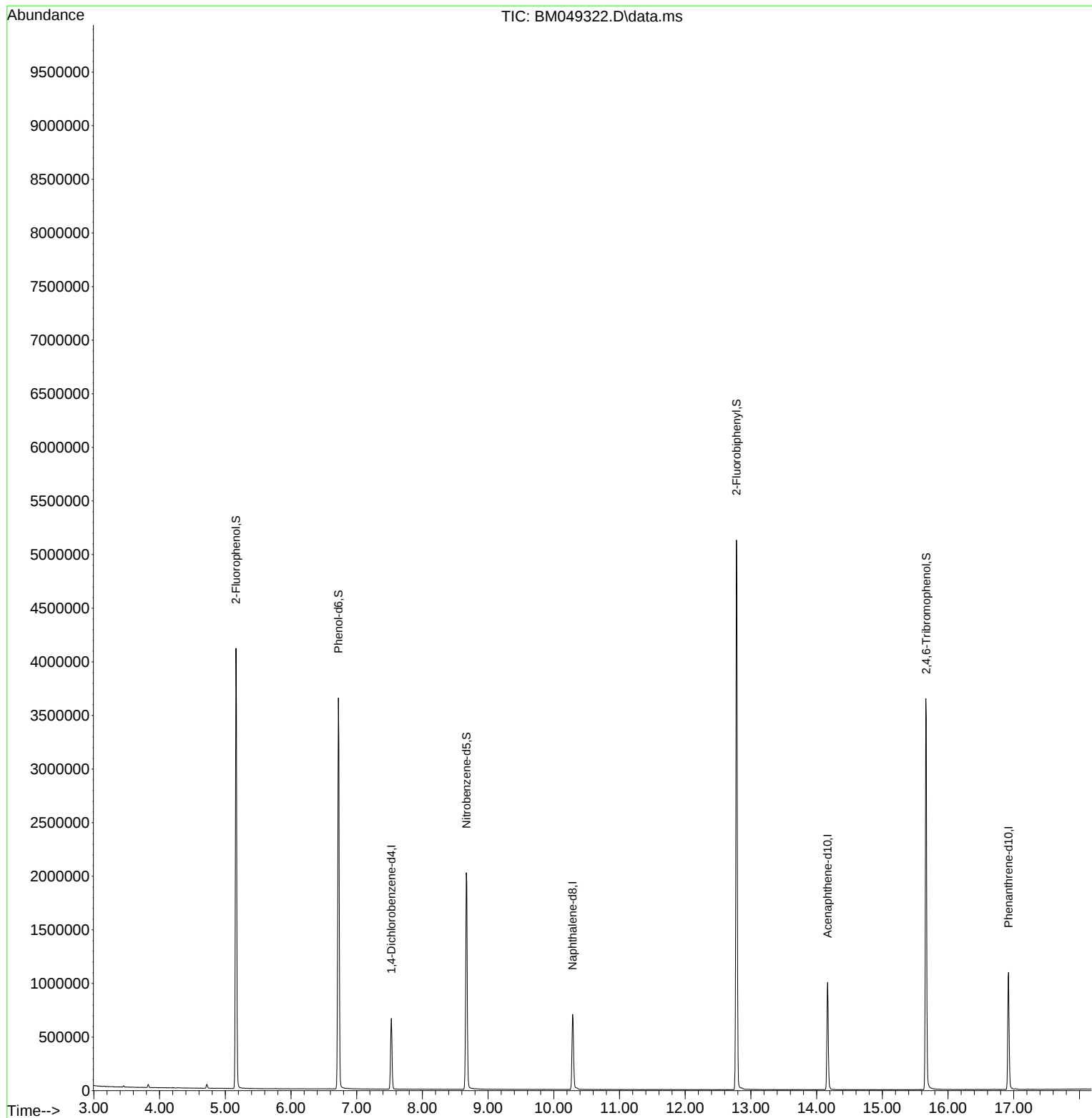
Target Compounds	Qvalue

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

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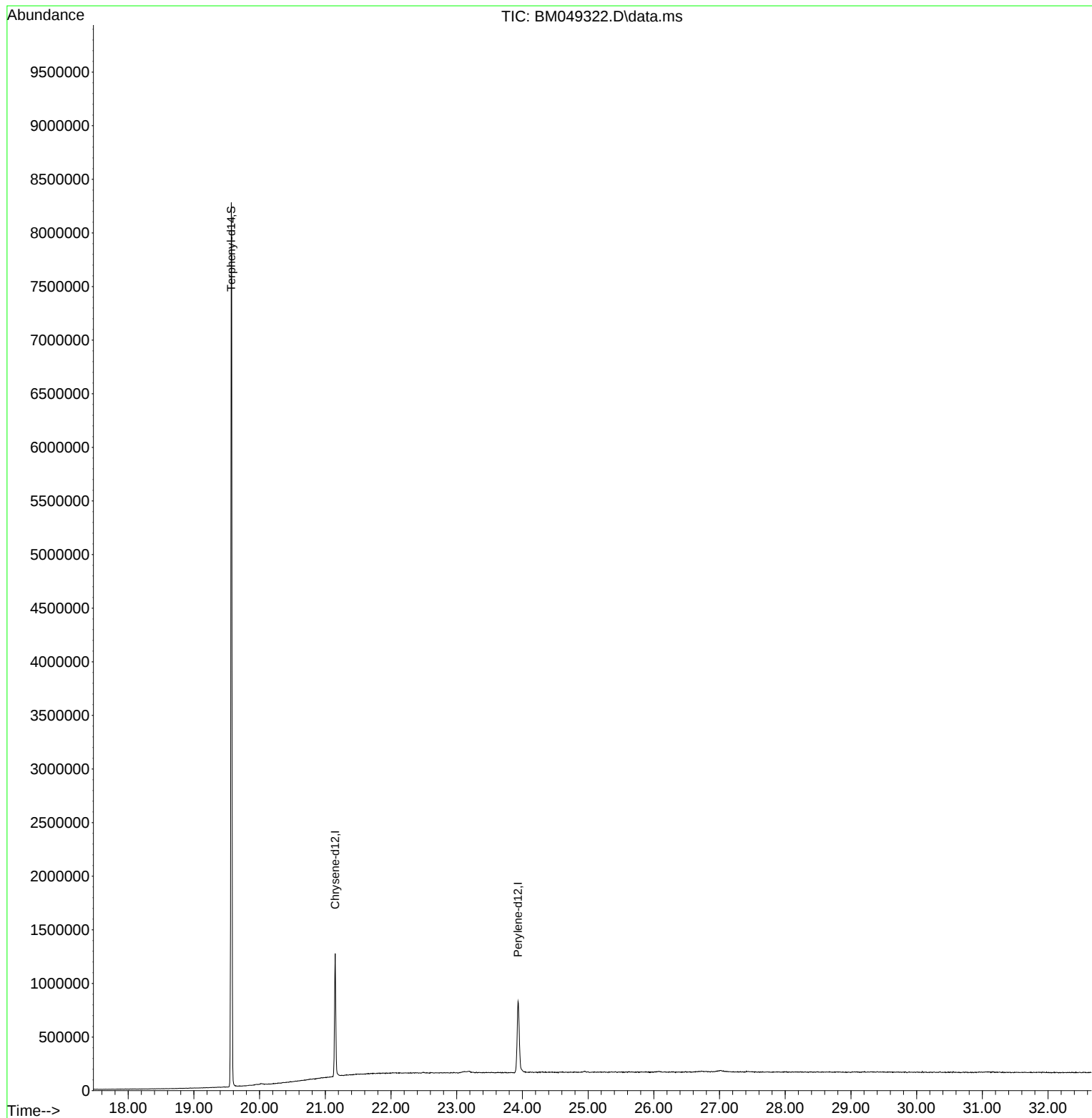
Quant Time: Jan 02 23:39:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010225.M
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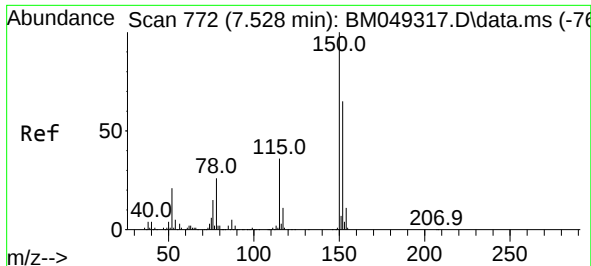


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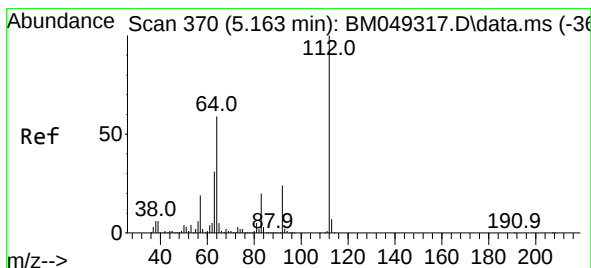
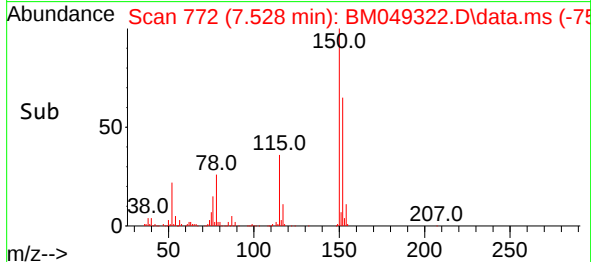
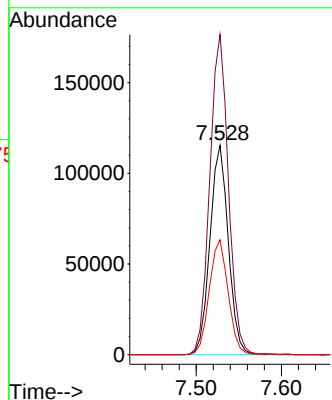
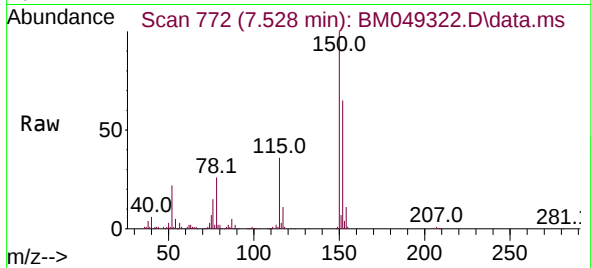




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.528 min Scan# 772
Delta R.T. -0.000 min
Lab File: BM049322.D
Acq: 02 Jan 2025 18:51

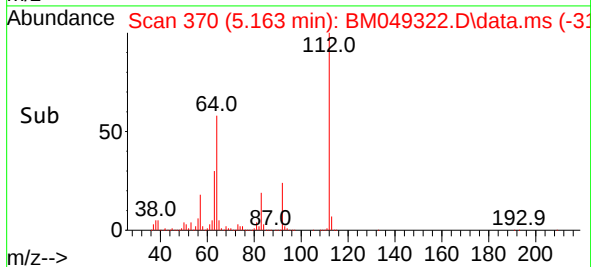
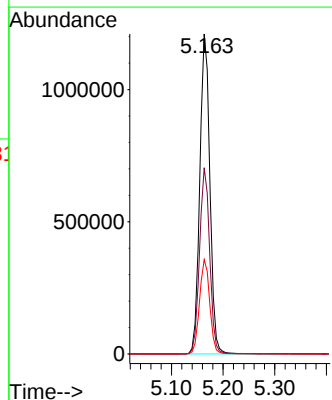
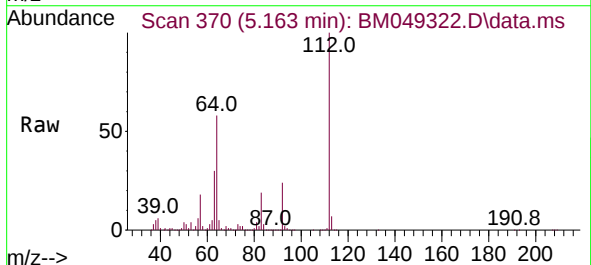
Instrument :
BNA_M
ClientSampleId :
PB165929BL

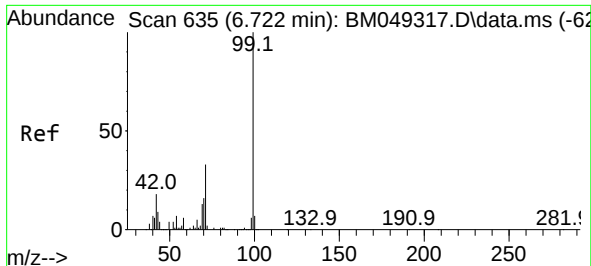
Tgt Ion:152 Resp: 173071
Ion Ratio Lower Upper
152 100
150 152.9 124.0 186.0
115 54.9 44.6 67.0



#5
2-Fluorophenol
Concen: 148.995 ng
RT: 5.163 min Scan# 370
Delta R.T. 0.000 min
Lab File: BM049322.D
Acq: 02 Jan 2025 18:51

Tgt Ion:112 Resp: 1638341
Ion Ratio Lower Upper
112 100
64 58.2 47.5 71.3
63 29.5 24.6 37.0

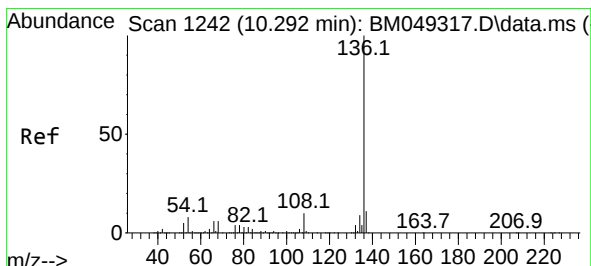
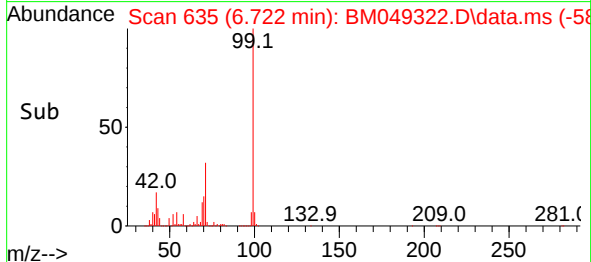
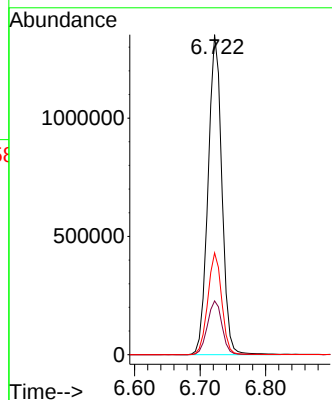
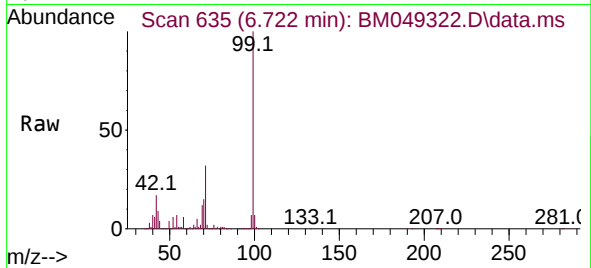




#7
Phenol-d6
Concen: 136.238 ng
RT: 6.722 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049322.D
Acq: 02 Jan 2025 18:51

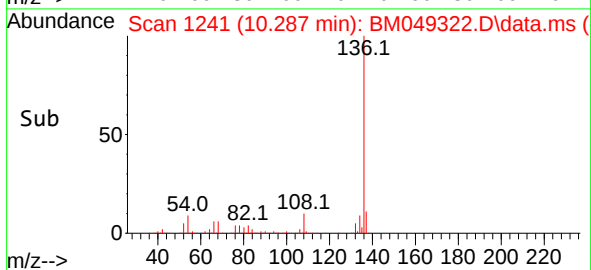
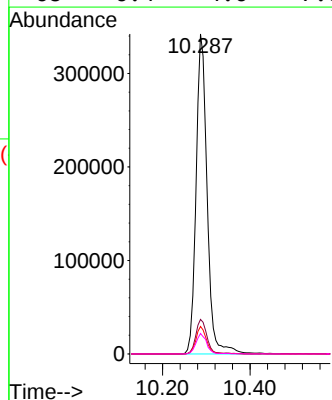
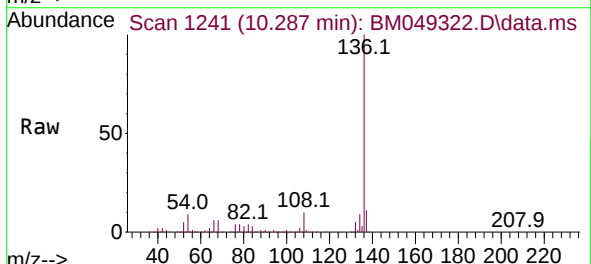
Instrument :
BNA_M
ClientSampleId :
PB165929BL

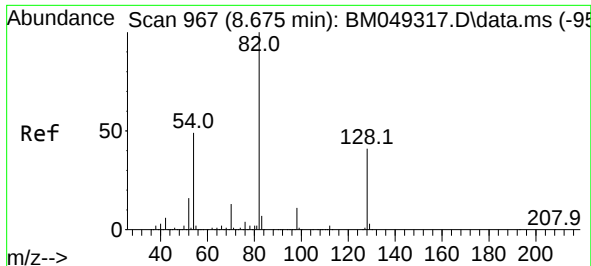
Tgt Ion: 99 Resp: 1979061
Ion Ratio Lower Upper
99 100
42 16.8 14.4 21.6
71 31.8 26.4 39.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.287 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BM049322.D
Acq: 02 Jan 2025 18:51

Tgt Ion:136 Resp: 601721
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 6.7 10.1
68 6.4 4.6 7.0

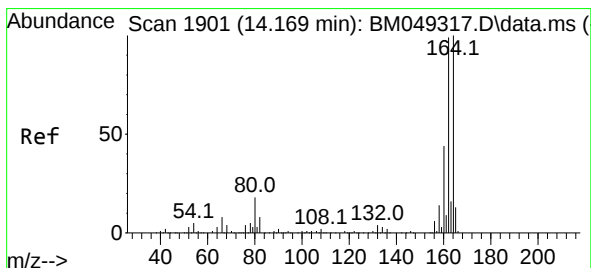
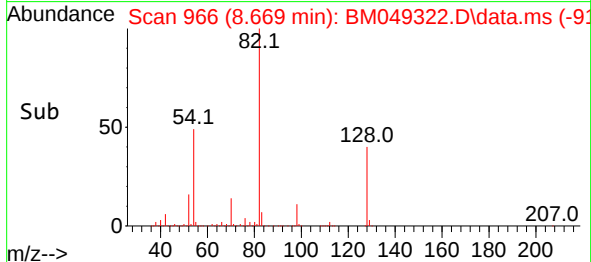
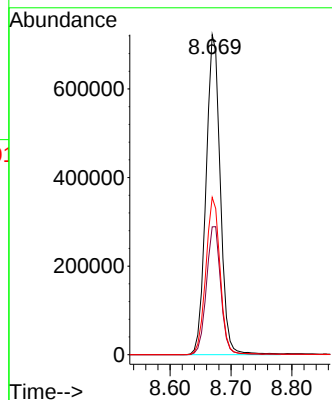
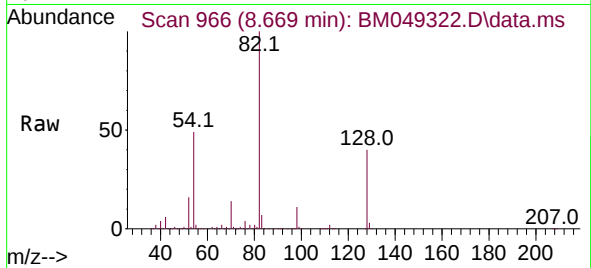




#23
Nitrobenzene-d5
Concen: 92.753 ng
RT: 8.669 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM049322.D
Acq: 02 Jan 2025 18:51

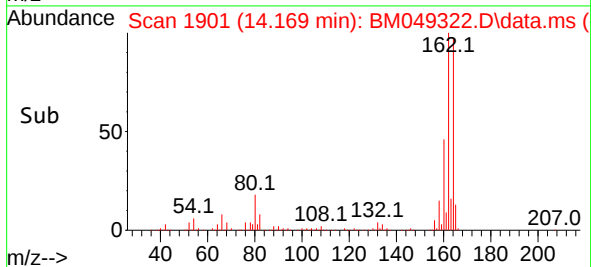
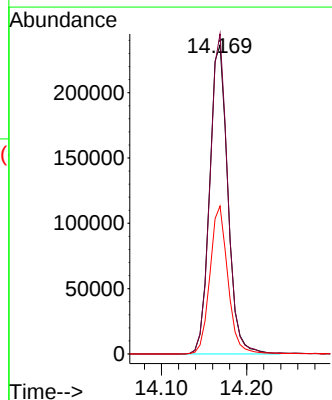
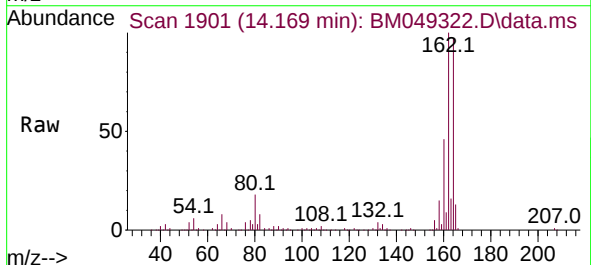
Instrument :
BNA_M
ClientSampleId :
PB165929BL

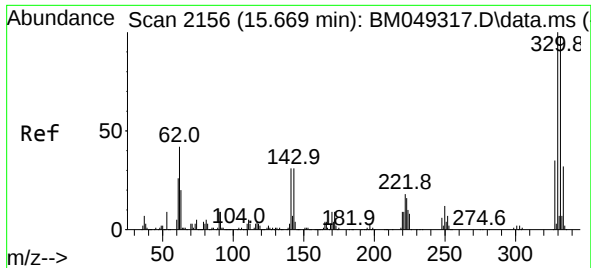
Tgt Ion: 82 Resp: 1179627
Ion Ratio Lower Upper
82 100
128 40.0 32.6 48.8
54 49.2 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.169 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BM049322.D
Acq: 02 Jan 2025 18:51

Tgt Ion: 164 Resp: 350888
Ion Ratio Lower Upper
164 100
162 103.6 79.4 119.2
160 47.9 35.6 53.4

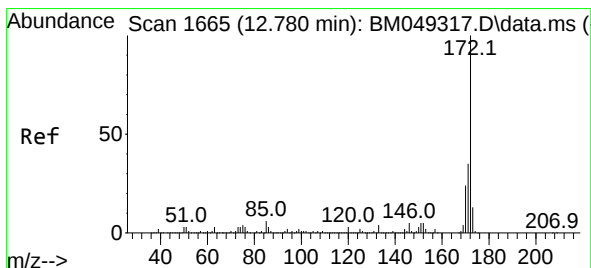
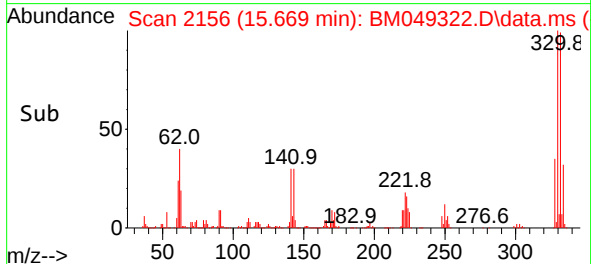
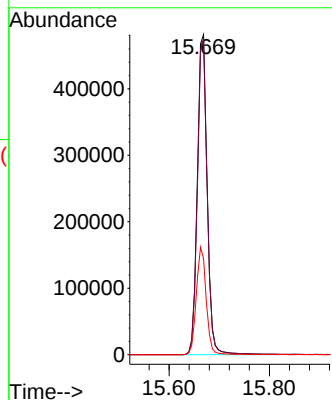
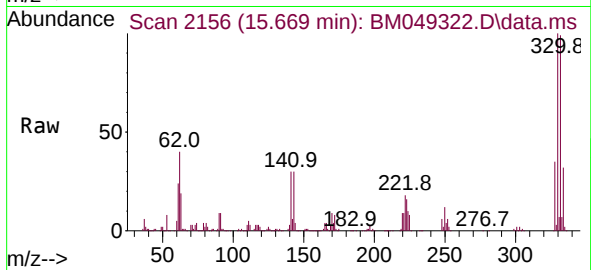




#42
2,4,6-Tribromophenol
Concen: 142.689 ng
RT: 15.669 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM049322.D
Acq: 02 Jan 2025 18:51

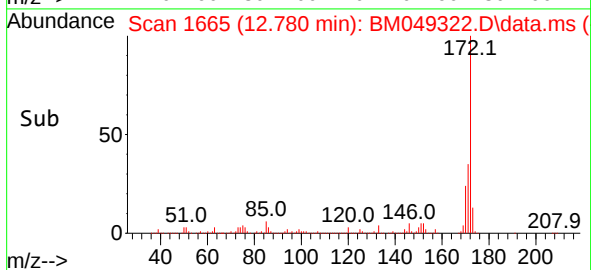
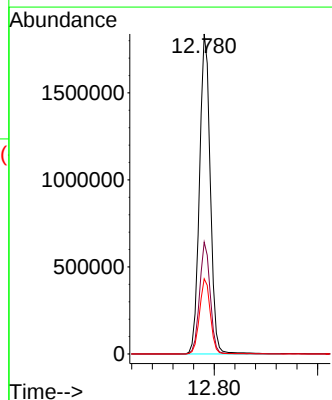
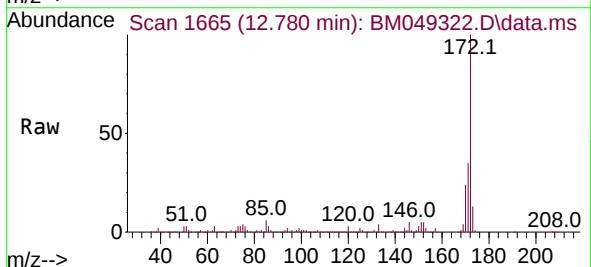
Instrument :
BNA_M
ClientSampleId :
PB165929BL

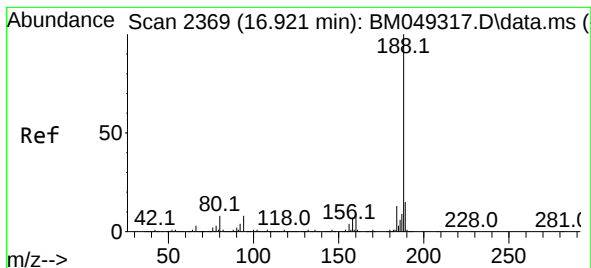
Tgt Ion:330 Resp: 658679
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 33.5 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 98.372 ng
RT: 12.780 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BM049322.D
Acq: 02 Jan 2025 18:51

Tgt Ion:172 Resp: 2658599
Ion Ratio Lower Upper
172 100
171 34.9 27.6 41.4
170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.921 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049322.D

Acq: 02 Jan 2025 18:51

Instrument :

BNA_M

ClientSampleId :

PB165929BL

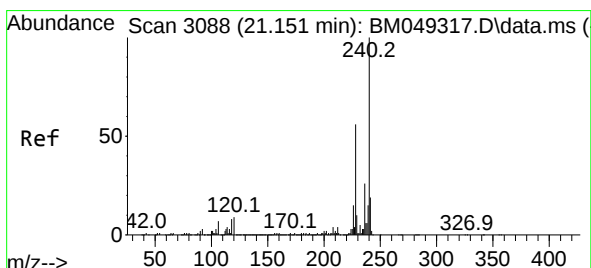
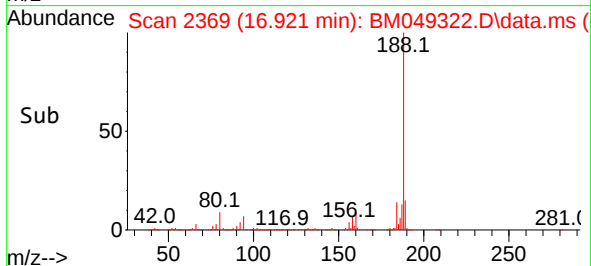
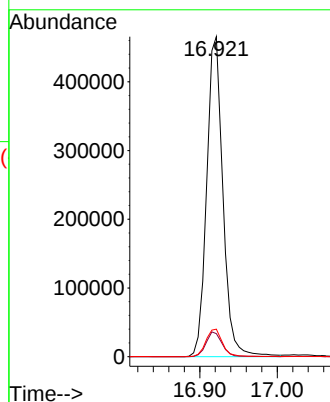
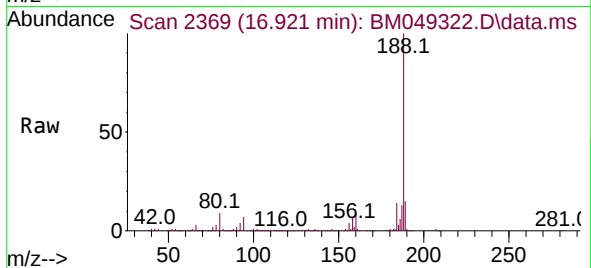
Tgt Ion:188 Resp: 677127

Ion Ratio Lower Upper

188 100

94 7.2 6.0 9.0

80 8.6 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.151 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM049322.D

Acq: 02 Jan 2025 18:51

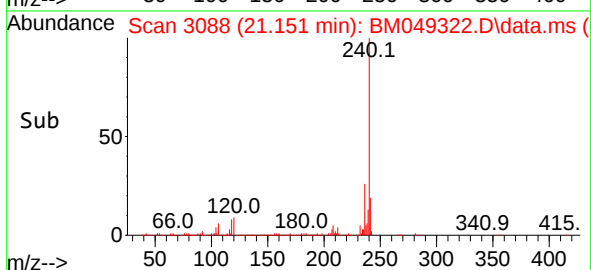
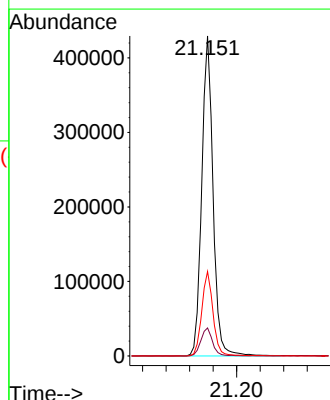
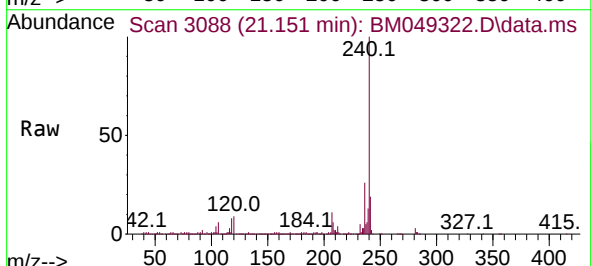
Tgt Ion:240 Resp: 574209

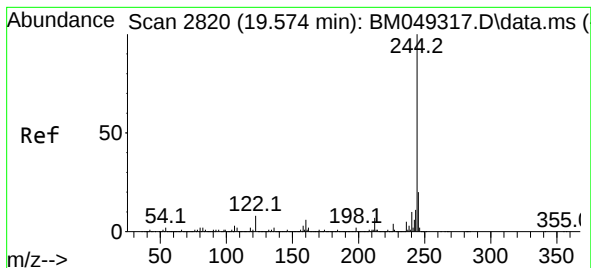
Ion Ratio Lower Upper

240 100

120 8.7 7.5 11.3

236 26.4 21.0 31.4





#79

Terphenyl-d14

Concen: 114.545 ng

RT: 19.568 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049322.D

Acq: 02 Jan 2025 18:51

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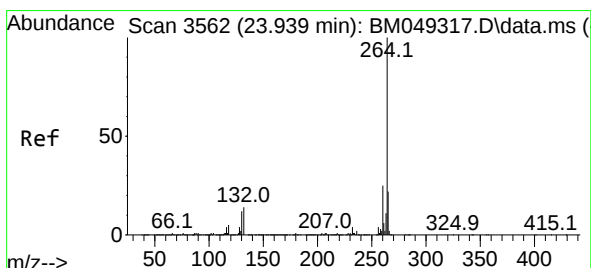
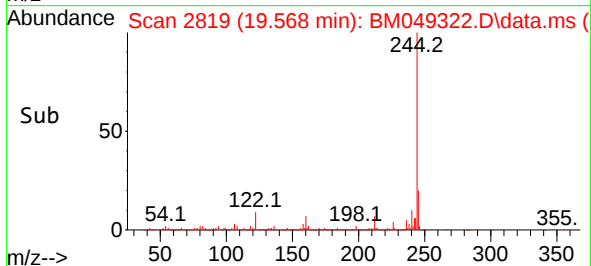
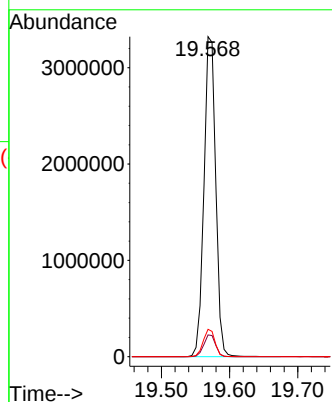
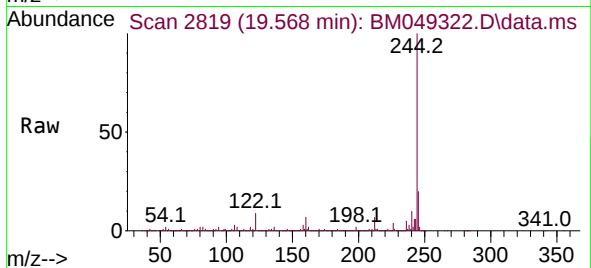
Tgt Ion:244 Resp: 3985055

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 8.6 6.1 9.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 3561

Delta R.T. -0.006 min

Lab File: BM049322.D

Acq: 02 Jan 2025 18:51

Tgt Ion:264 Resp: 585252

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.7 17.7 26.5

