

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010325\
 Data File : BM049333.D
 Acq On : 03 Jan 2025 17:48
 Operator : RC/JU
 Sample : PB165929BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB165929BL

Quant Time: Jan 03 18:21:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 17:24:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	209743	20.000	ng	0.00
21) Naphthalene-d8	10.286	136	728300	20.000	ng	0.00
39) Acenaphthene-d10	14.163	164	450977	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	864959	20.000	ng	0.00
76) Chrysene-d12	21.144	240	671748	20.000	ng	0.00
86) Perylene-d12	23.927	264	639714	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	1978200	148.455	ng	0.00
7) Phenol-d6	6.722	99	2419486	141.566	ng	0.00
23) Nitrobenzene-d5	8.669	82	1435841	93.630	ng	0.00
42) 2,4,6-Tribromophenol	15.662	330	872841	144.723	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	3333141	96.054	ng	0.00
79) Terphenyl-d14	19.568	244	4727380	116.557	ng	0.00

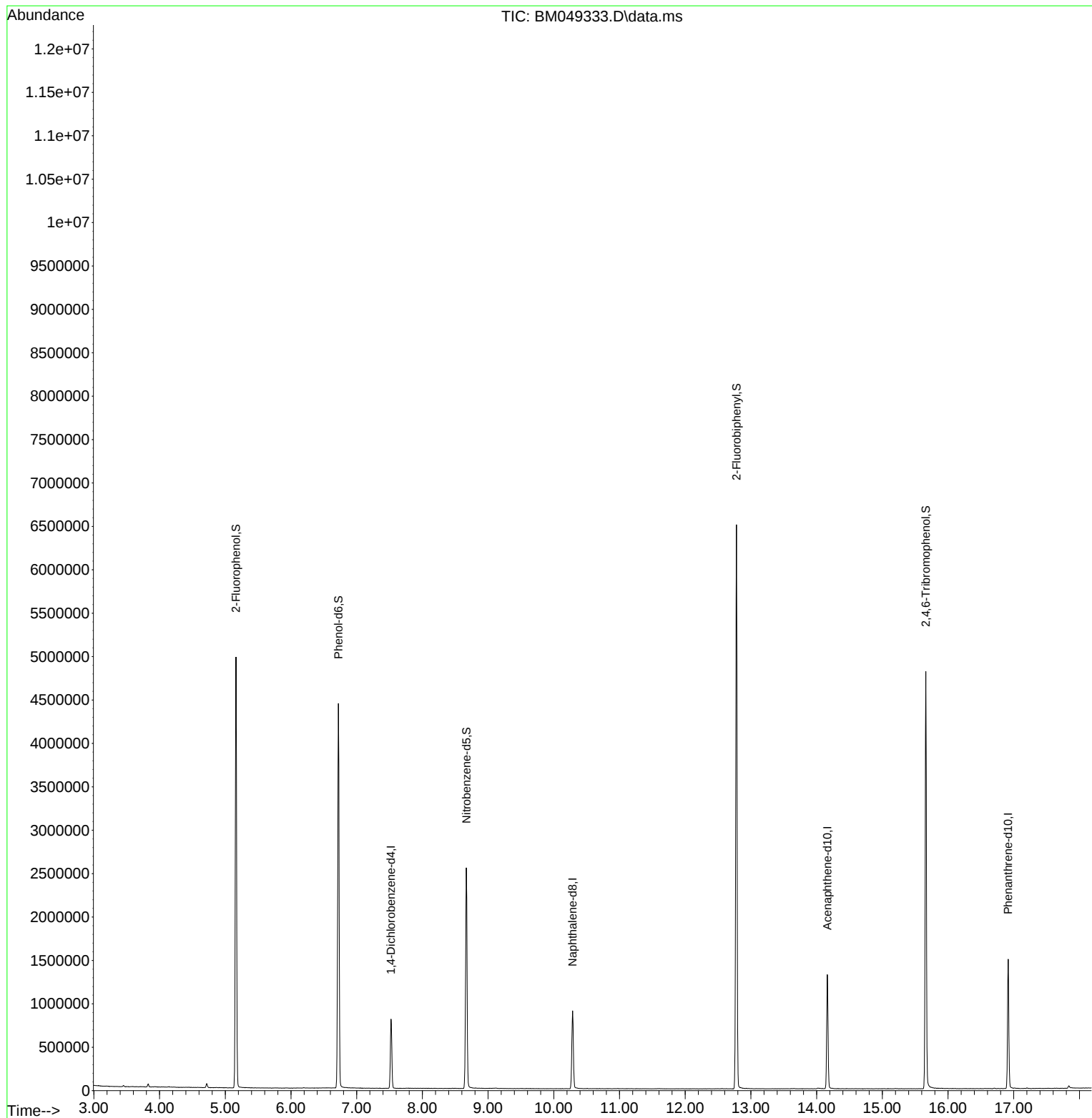
Target Compounds	Qvalue

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

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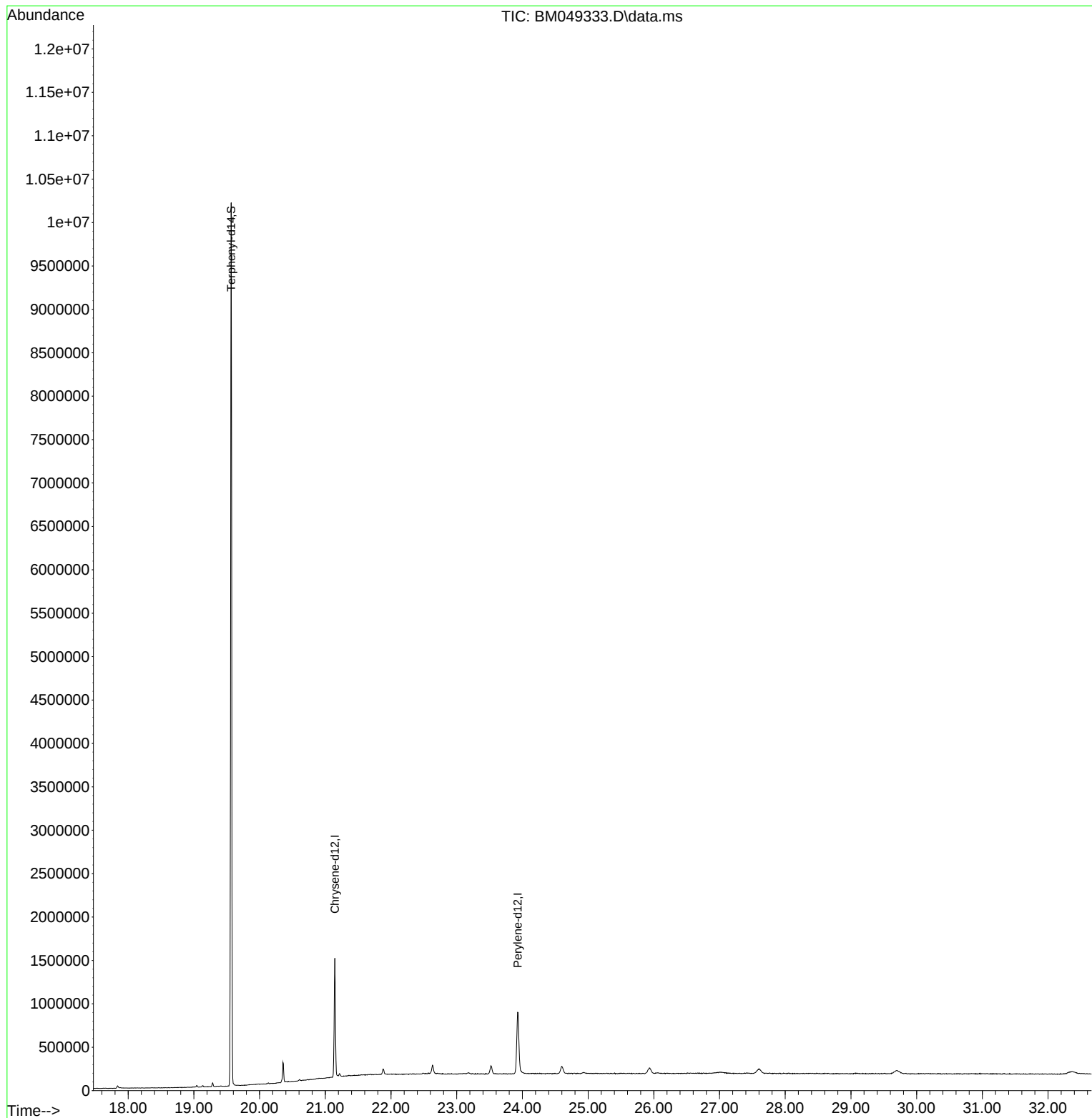
Quant Time: Jan 03 18:21:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010325.M
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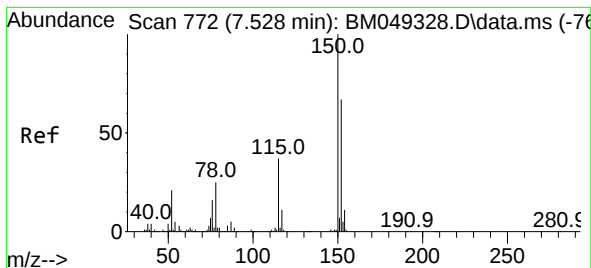


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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.522 min Scan# 71

Delta R.T. -0.006 min

Lab File: BM049333.D

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Instrument :

BNA_M

ClientSampleId :

PB165929BL

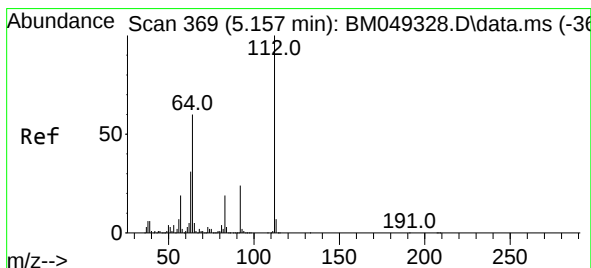
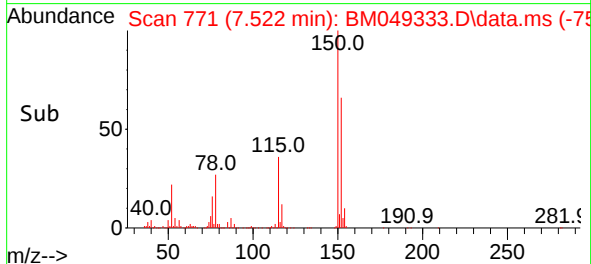
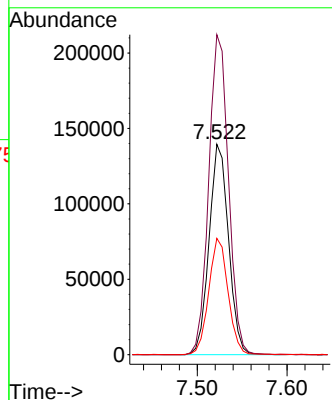
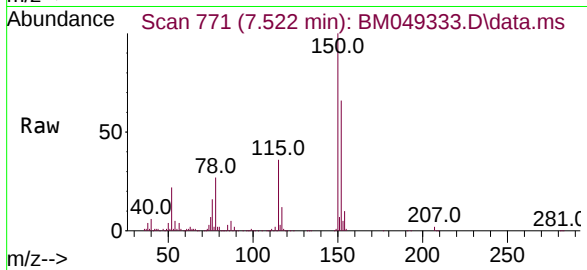
Tgt Ion:152 Resp: 209743

Ion Ratio Lower Upper

152 100

150 152.1 119.0 178.4

115 55.3 43.8 65.6



#5

2-Fluorophenol

Concen: 148.455 ng

RT: 5.163 min Scan# 370

Delta R.T. 0.006 min

Lab File: BM049333.D

Acq: 03 Jan 2025 17:48

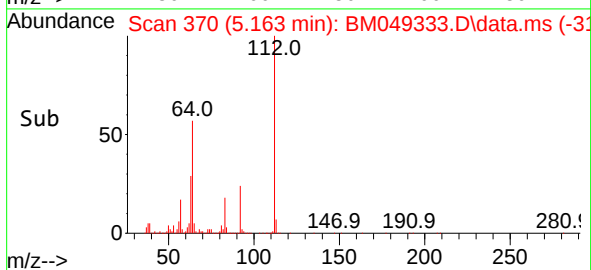
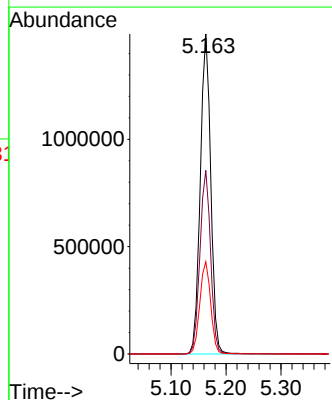
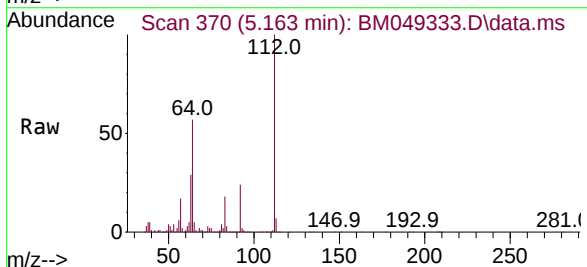
Tgt Ion:112 Resp: 1978200

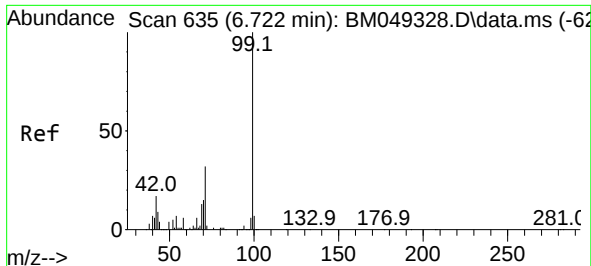
Ion Ratio Lower Upper

112 100

64 57.3 47.7 71.5

63 28.8 25.0 37.4

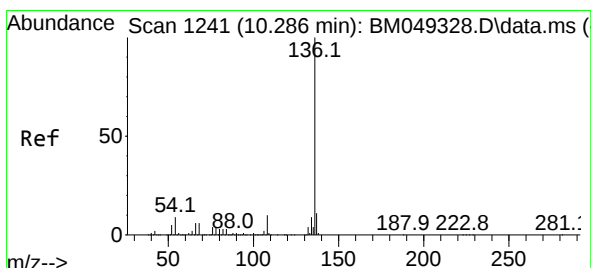
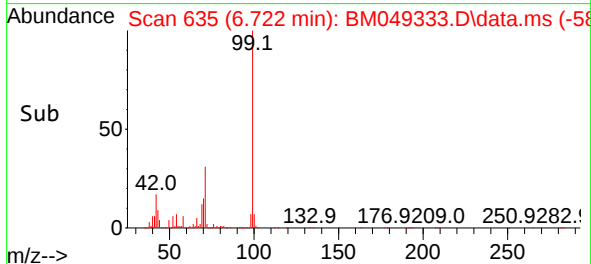
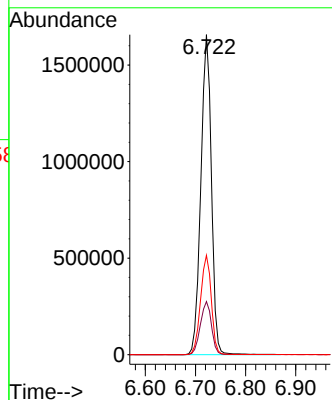
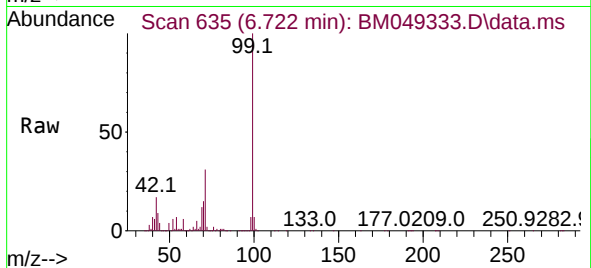




#7
Phenol-d6
Concen: 141.566 ng
RT: 6.722 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

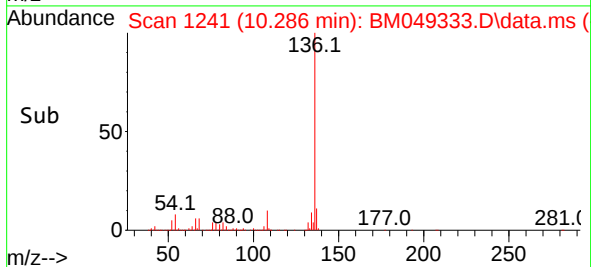
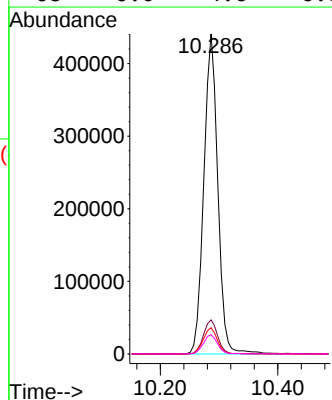
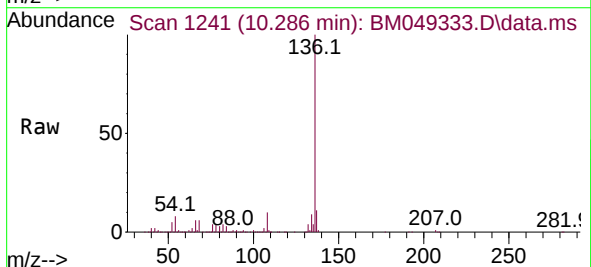
Instrument :
BNA_M
ClientSampleId :
PB165929BL

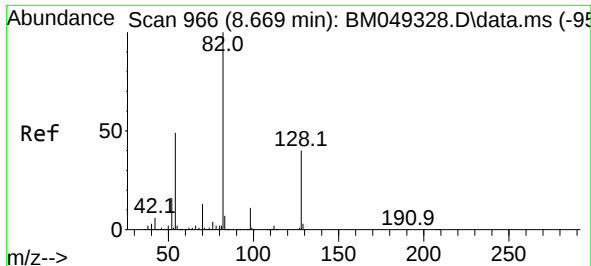
Tgt Ion: 99 Resp: 2419486
Ion Ratio Lower Upper
99 100
42 16.6 14.0 21.0
71 31.0 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.286 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Tgt Ion: 136 Resp: 728300
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 6.8 10.2
68 6.0 4.6 6.8

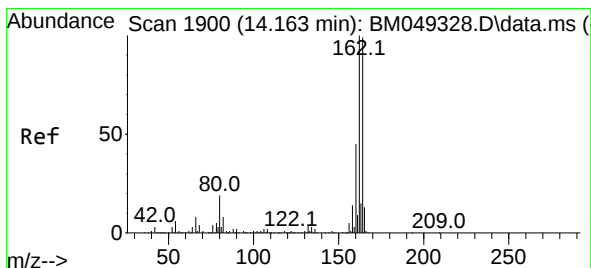
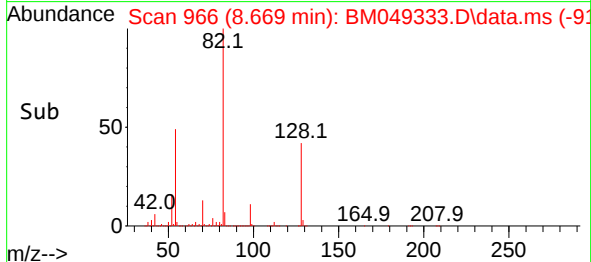
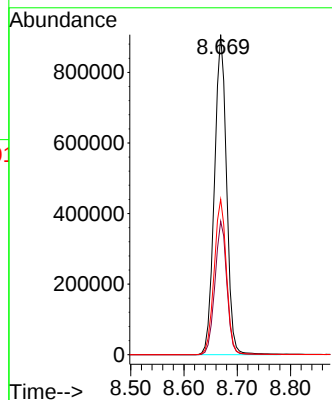
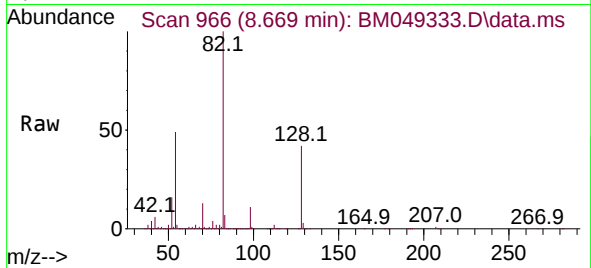




#23
Nitrobenzene-d5
Concen: 93.630 ng
RT: 8.669 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

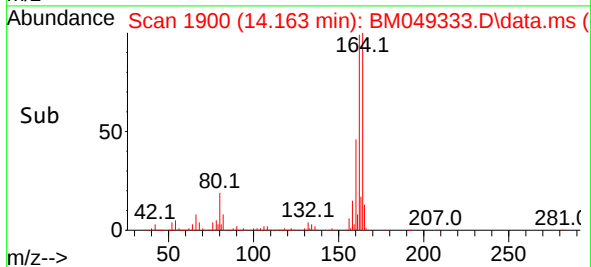
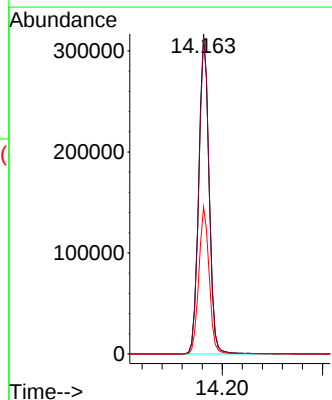
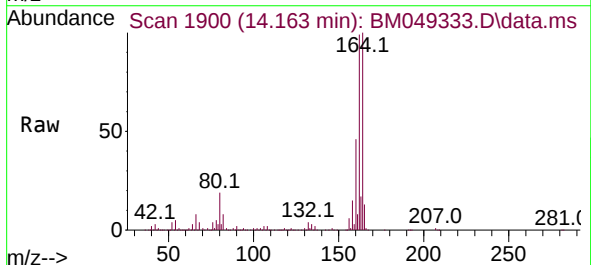
Instrument :
BNA_M
ClientSampleId :
PB165929BL

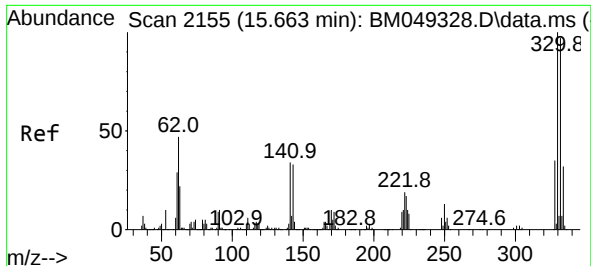
Tgt Ion: 82 Resp: 1435841
Ion Ratio Lower Upper
82 100
128 41.7 32.1 48.1
54 48.6 39.2 58.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.163 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

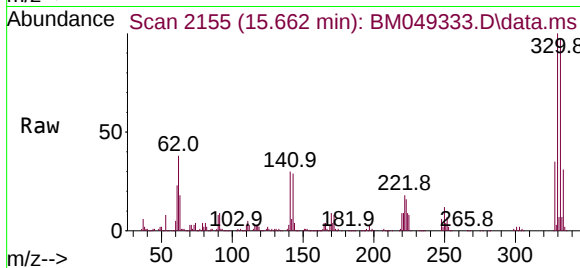
Tgt Ion: 164 Resp: 450977
Ion Ratio Lower Upper
164 100
162 98.9 80.5 120.7
160 45.9 36.0 54.0



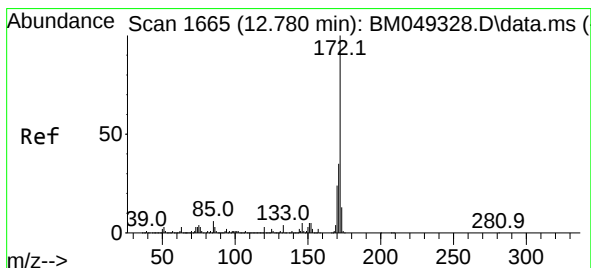
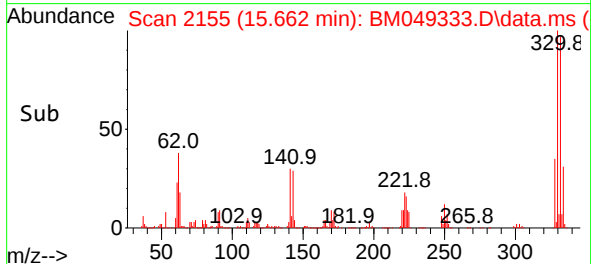
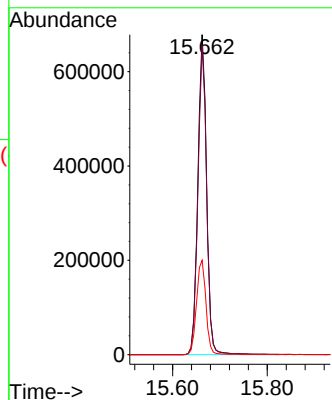


#42
2,4,6-Tribromophenol
Concen: 144.723 ng
RT: 15.662 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Instrument :
BNA_M
ClientSampleId :
PB165929BL

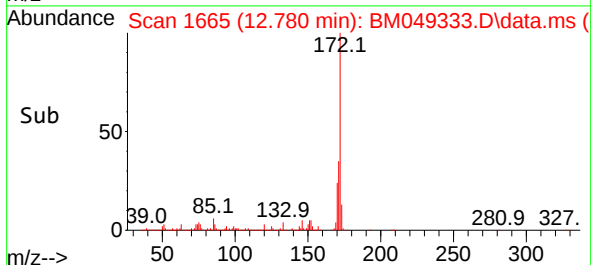
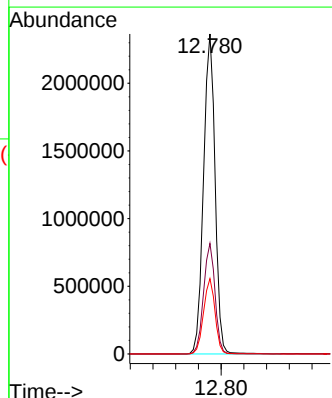
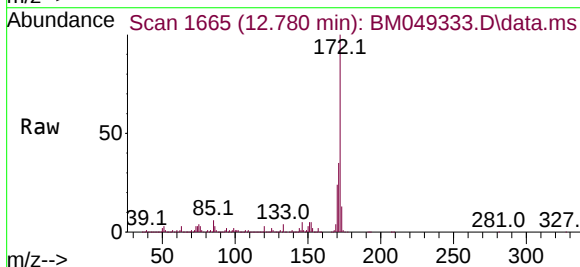


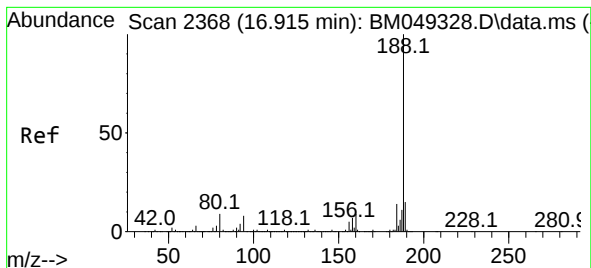
Tgt Ion:330 Resp: 872841
Ion Ratio Lower Upper
330 100
332 96.3 76.6 114.8
141 31.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 96.054 ng
RT: 12.780 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BM049333.D
Acq: 03 Jan 2025 17:48

Tgt Ion:172 Resp: 3333141
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.915 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049333.D

Acq: 03 Jan 2025 17:48

Instrument :

BNA_M

ClientSampleId :

PB165929BL

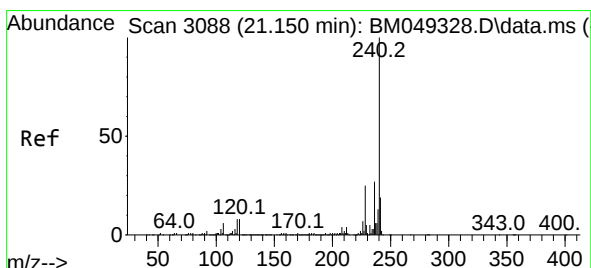
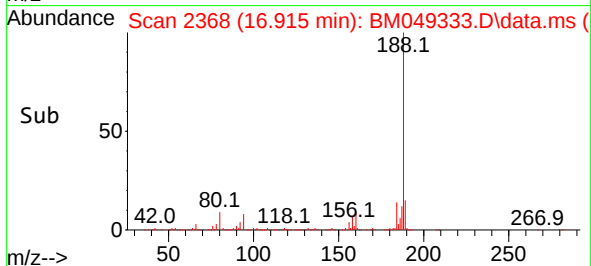
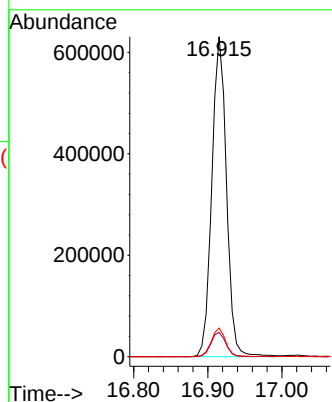
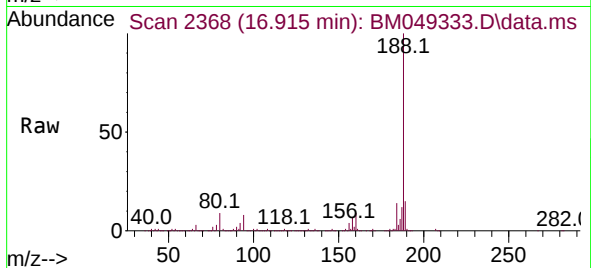
Tgt Ion:188 Resp: 864959

Ion Ratio Lower Upper

188 100

94 7.6 6.1 9.1

80 8.9 7.0 10.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.144 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BM049333.D

Acq: 03 Jan 2025 17:48

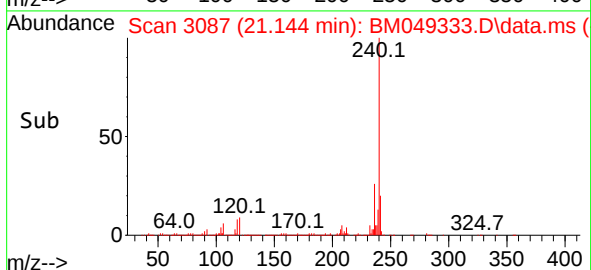
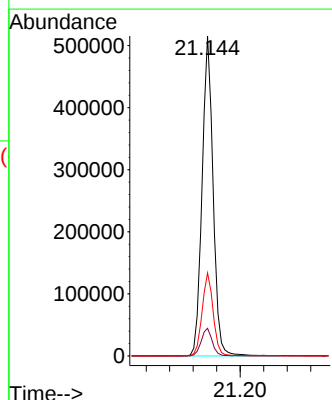
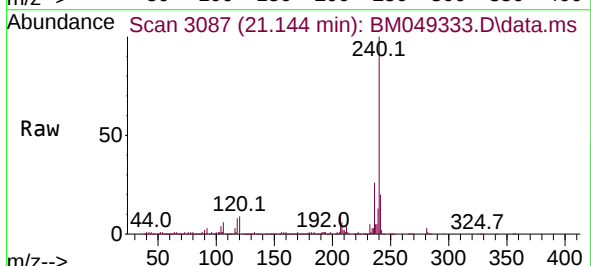
Tgt Ion:240 Resp: 671748

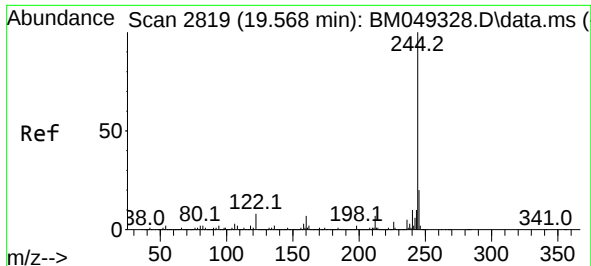
Ion Ratio Lower Upper

240 100

120 8.7 6.6 9.8

236 26.0 21.2 31.8

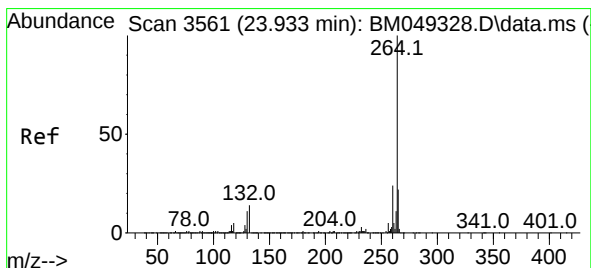
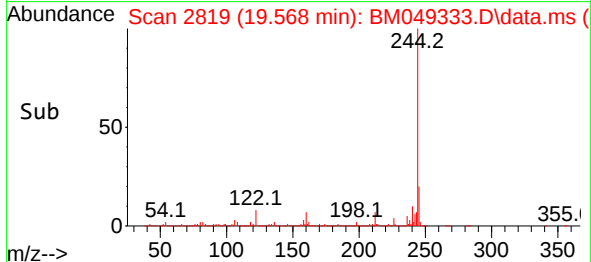
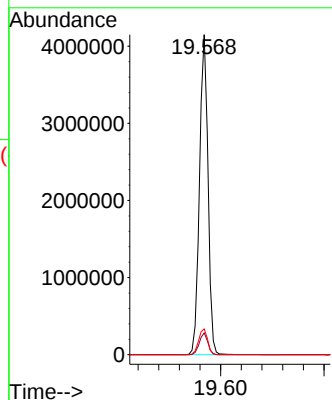
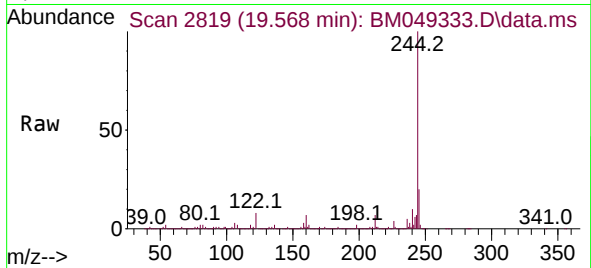




#79
 Terphenyl-d14
 Concen: 116.557 ng
 RT: 19.568 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM049333.D
 Acq: 03 Jan 2025 17:48

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 ClientSampleId :
 PB165929BL

Tgt Ion:244 Resp: 4727380
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 8.1 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.927 min Scan# 3560
 Delta R.T. -0.006 min
 Lab File: BM049333.D
 Acq: 03 Jan 2025 17:48

Tgt Ion:264 Resp: 639714
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.6 17.5 26.3

