

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
 Data File : BM049680.D
 Acq On : 28 Feb 2025 15:52
 Operator : RC/JU
 Sample : PB166933BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB166933BL

Quant Time: Feb 28 16:39:28 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	7.805	152	267882	20.000	ng	-0.02
21) Naphthalene-d8	10.599	136	881999	20.000	ng	-0.03
39) Acenaphthene-d10	14.439	164	497065	20.000	ng	-0.03
64) Phenanthrene-d10	17.180	188	897905	20.000	ng	-0.02
76) Chrysene-d12	21.415	240	738243	20.000	ng	-0.03
86) Perylene-d12	24.433	264	796061	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1694874	101.743	ng	0.00
7) Phenol-d6	6.975	99	2016933	92.416	ng	0.00
23) Nitrobenzene-d5	8.957	82	1870101	109.062	ng	-0.02
42) 2,4,6-Tribromophenol	15.928	330	566821	96.238	ng	-0.02
45) 2-Fluorobiphenyl	13.069	172	4454073	116.082	ng	-0.02
79) Terphenyl-d14	19.810	244	6284003	129.983	ng	-0.02

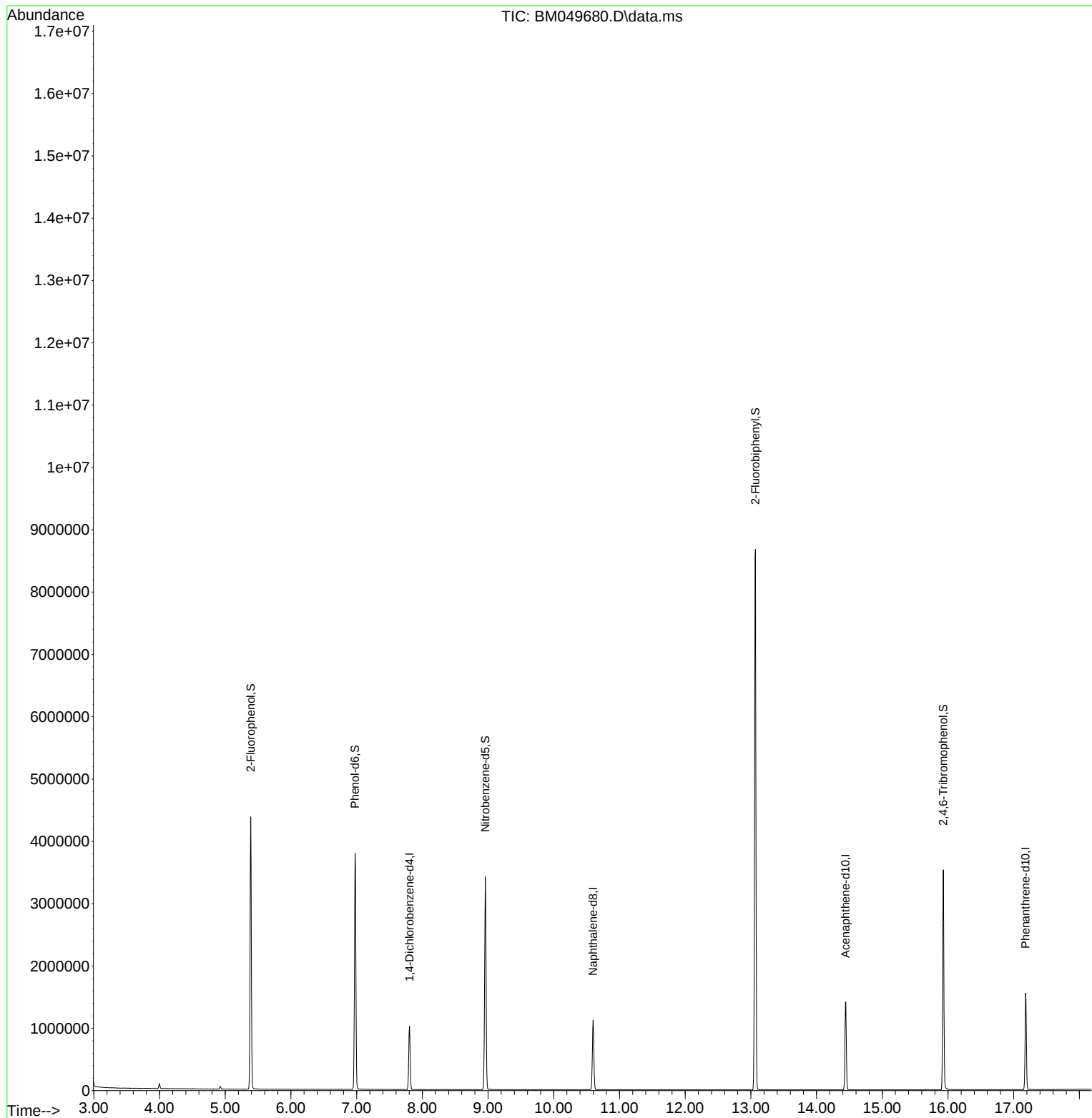
Target Compounds	Qvalue

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

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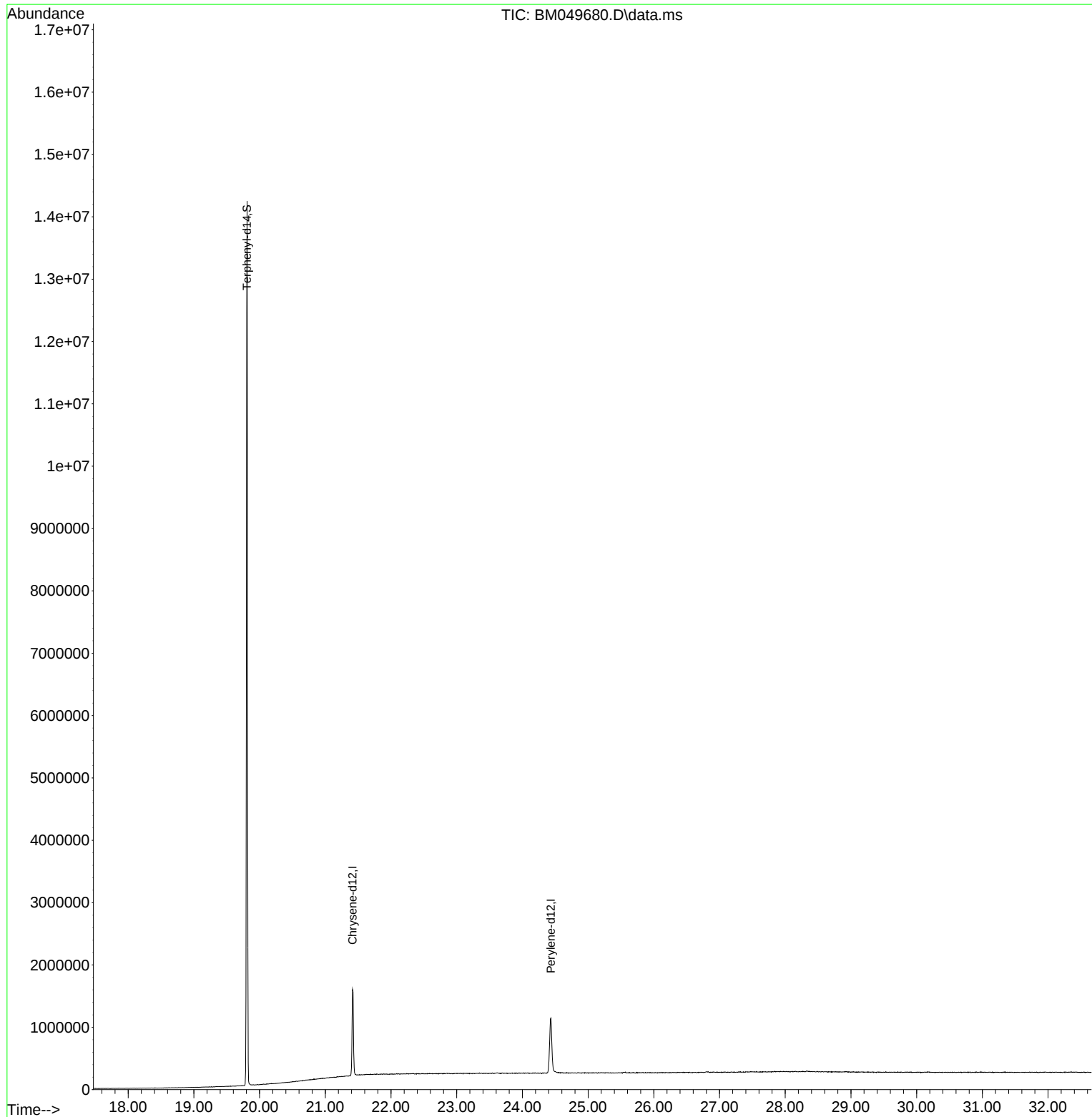
Quant Time: Feb 28 16:39:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
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QLast Update : Thu Feb 06 04:55:28 2025
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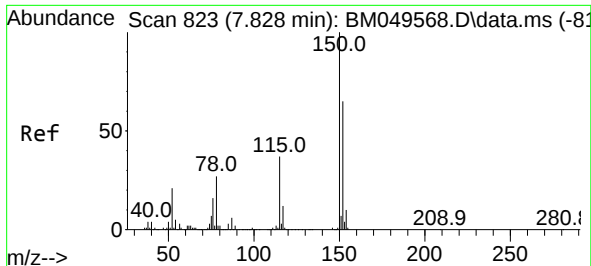


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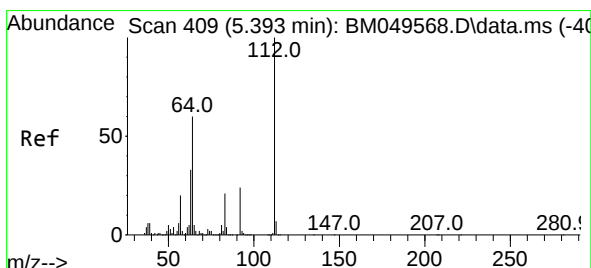
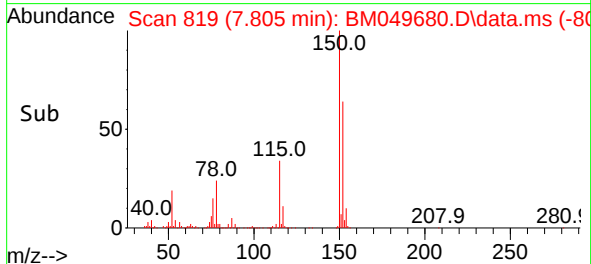
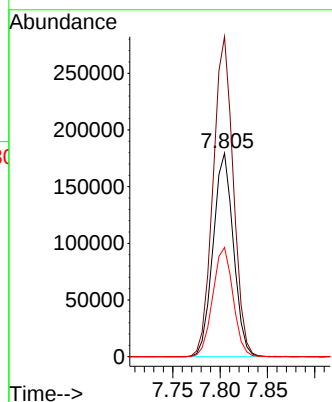
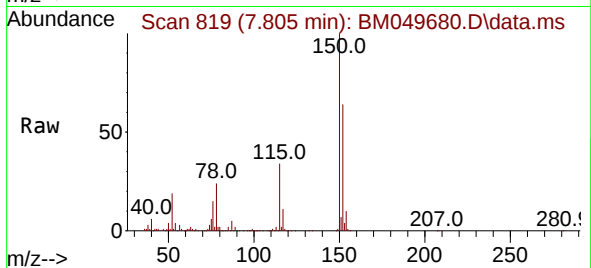




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BM049680.D
 Acq: 28 Feb 2025 15:52

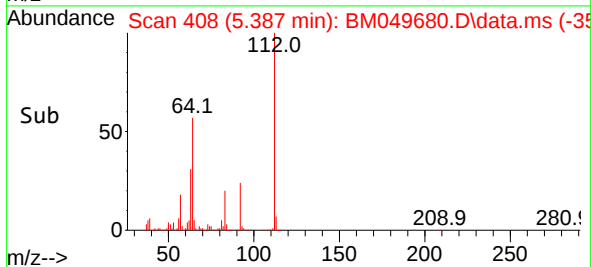
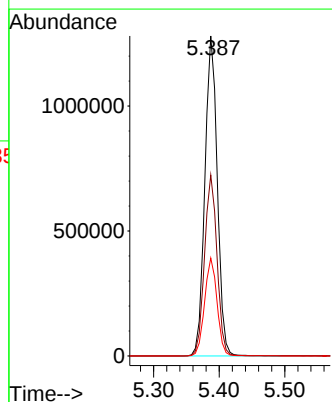
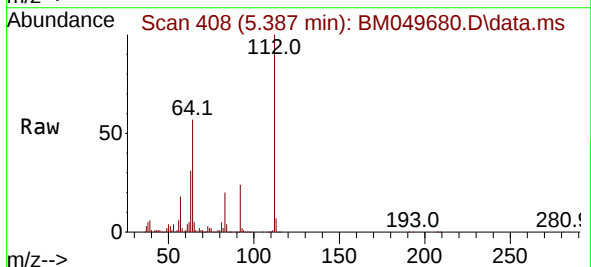
Instrument :
 BNA_M
 ClientSampleId :
 PB166933BL

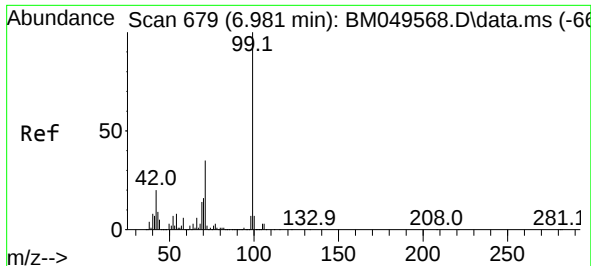
Tgt Ion:152 Resp: 267882
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.6 184.0
 115 53.7 45.4 68.0



#5
 2-Fluorophenol
 Concen: 101.743 ng
 RT: 5.387 min Scan# 408
 Delta R.T. -0.005 min
 Lab File: BM049680.D
 Acq: 28 Feb 2025 15:52

Tgt Ion:112 Resp: 1694874
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.8 71.8
 63 30.6 26.2 39.4



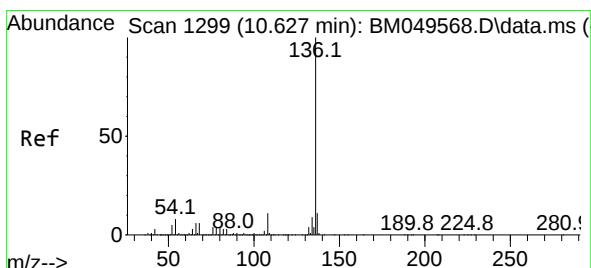
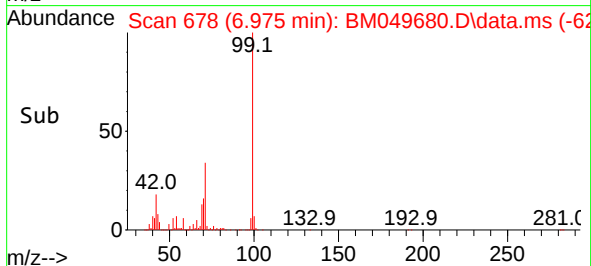
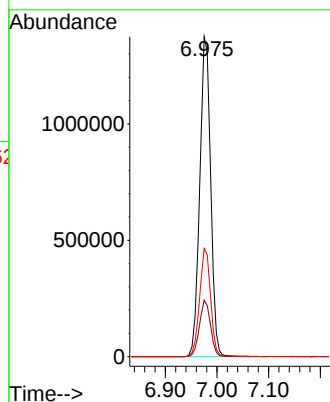
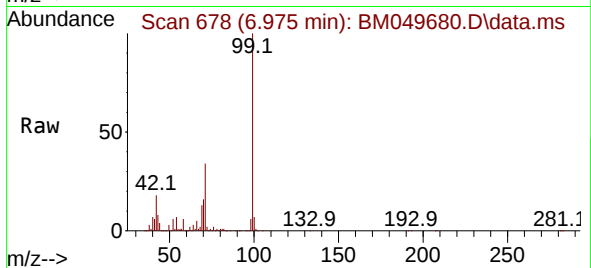


#7
Phenol-d6
Concen: 92.416 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Instrument :
BNA_M
ClientSampleId :
PB166933BL

Tgt Ion: 99 Resp: 2016933

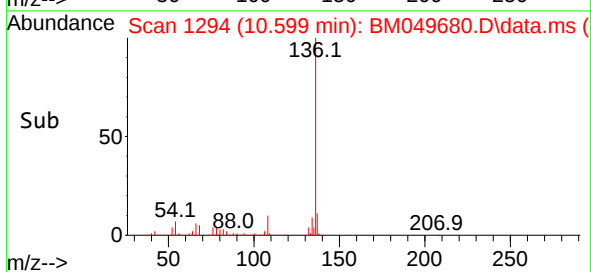
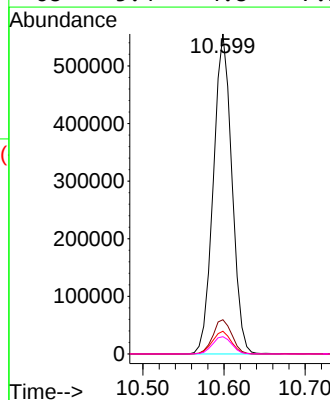
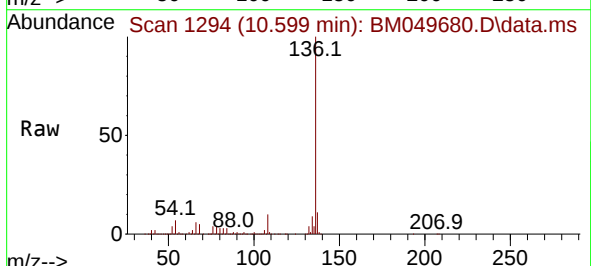
Ion	Ratio	Lower	Upper
99	100		
42	17.7	16.0	24.0
71	33.8	27.8	41.6

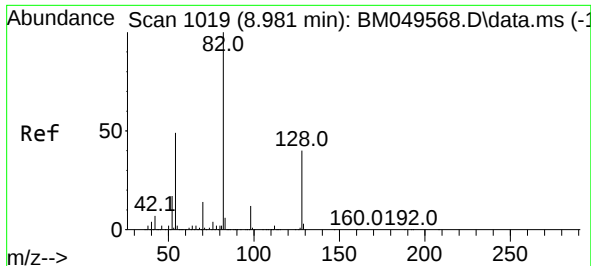


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.029 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Tgt Ion: 136 Resp: 881999

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.1	6.6	10.0
68	5.4	4.8	7.2

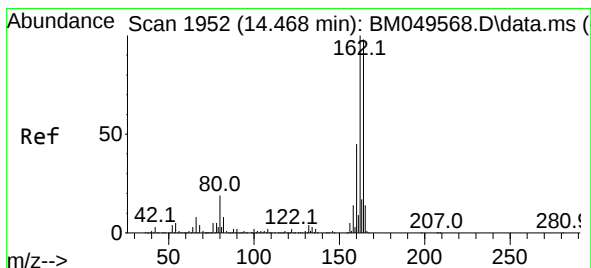
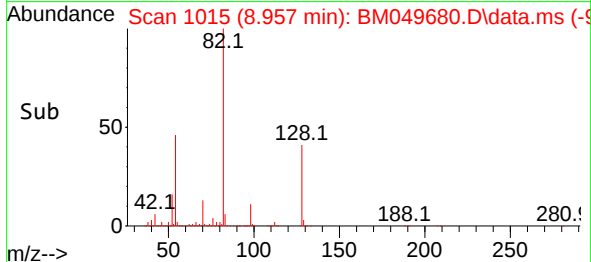
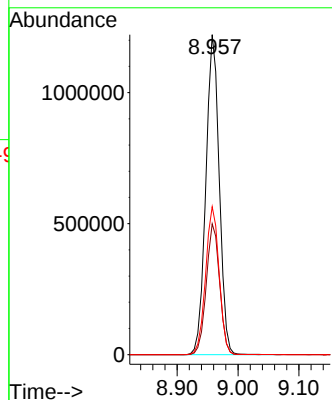
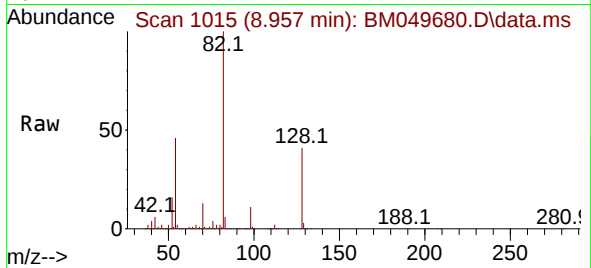




#23
Nitrobenzene-d5
Concen: 109.062 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.023 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

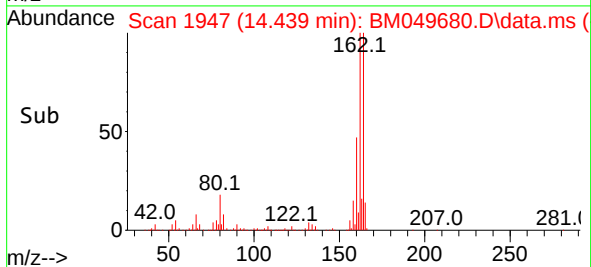
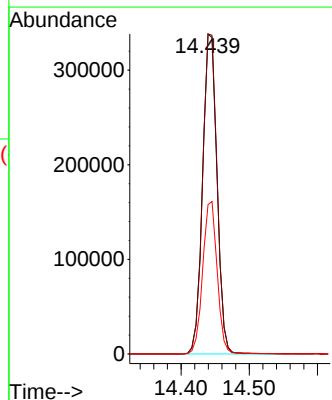
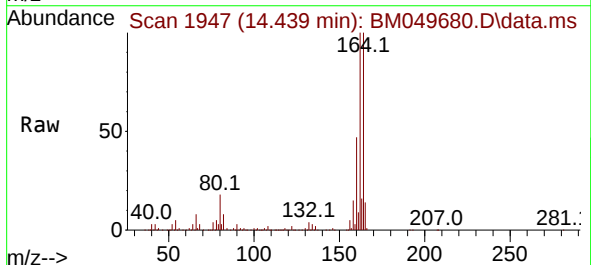
Instrument :
BNA_M
ClientSampleId :
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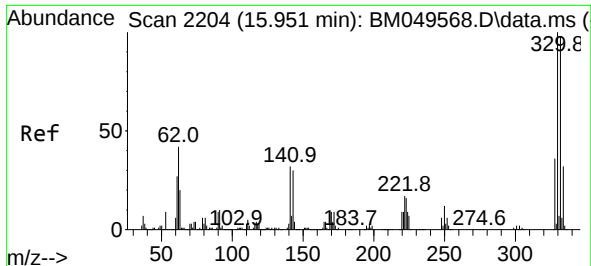
Tgt Ion: 82 Resp: 1870101
Ion Ratio Lower Upper
82 100
128 40.9 31.6 47.4
54 46.3 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.029 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

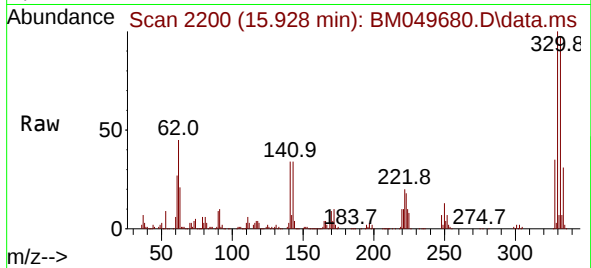
Tgt Ion:164 Resp: 497065
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 46.7 36.2 54.4



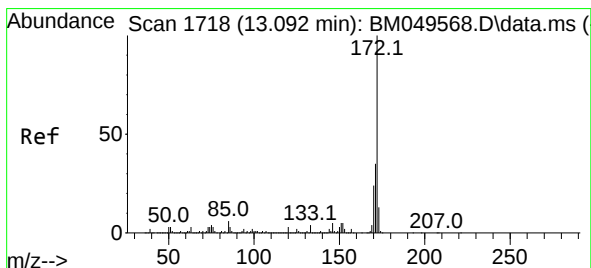
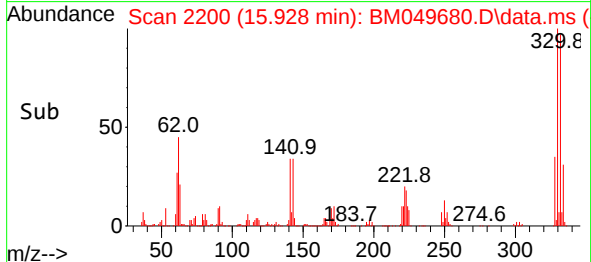
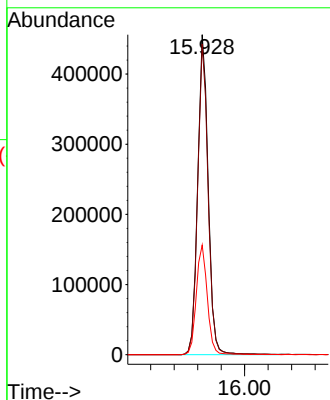


#42
2,4,6-Tribromophenol
Concen: 96.238 ng
RT: 15.928 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Instrument :
BNA_M
ClientSampleId :
PB166933BL

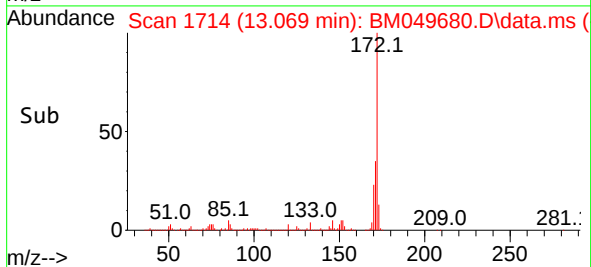
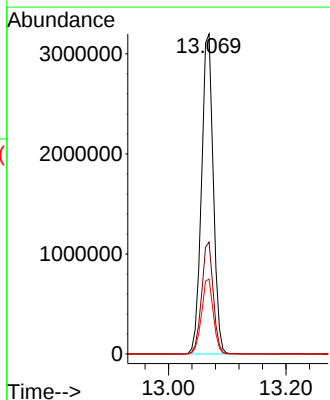
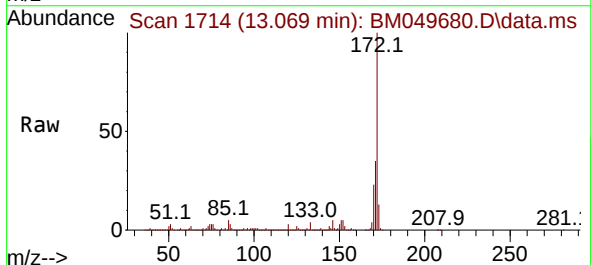


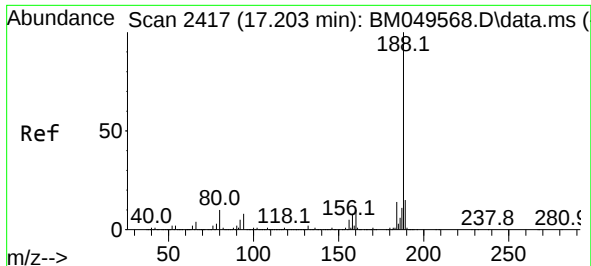
Tgt Ion:330 Resp: 566821
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 35.8 28.2 42.2



#45
2-Fluorobiphenyl
Concen: 116.082 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.023 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Tgt Ion:172 Resp: 4454073
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.4 19.0 28.4

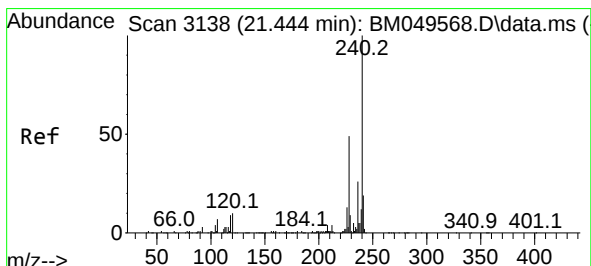
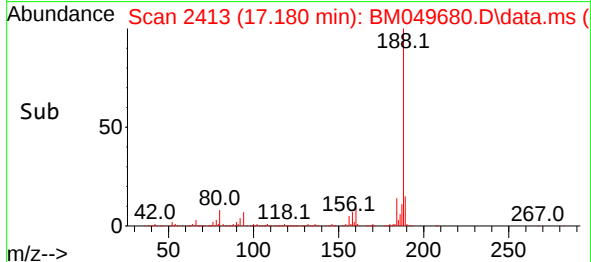
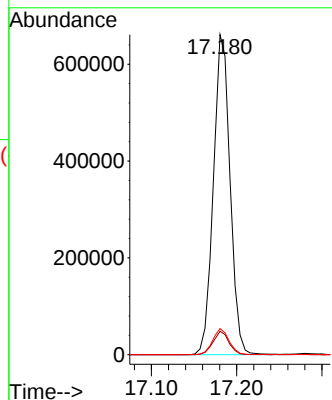
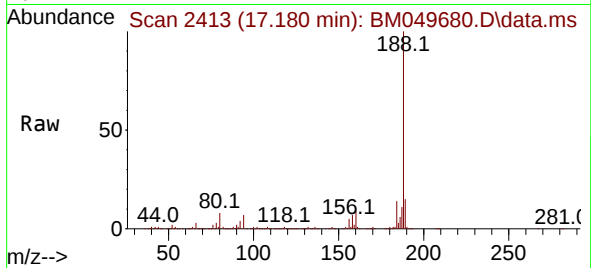




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2417
Delta R.T. -0.023 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

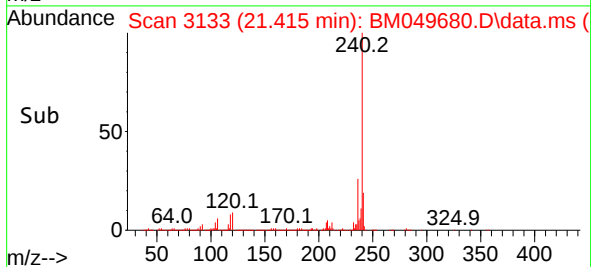
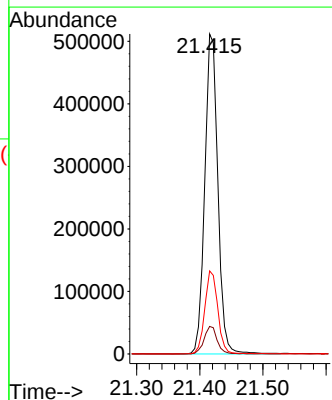
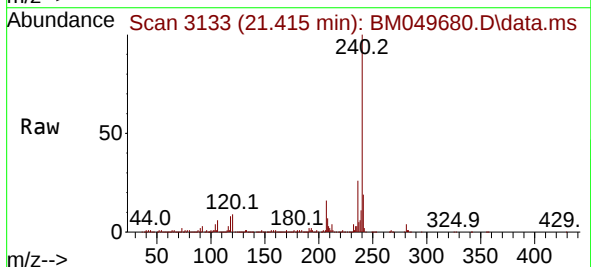
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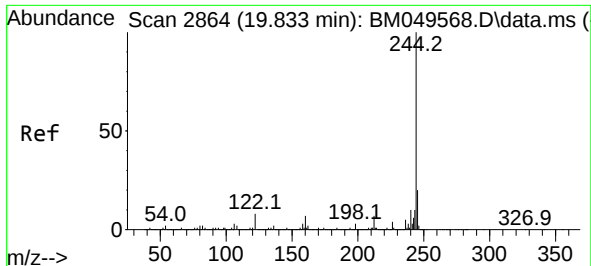
Tgt Ion:188 Resp: 897905
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3133
Delta R.T. -0.029 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Tgt Ion:240 Resp: 738243
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.8
236 26.0 20.6 31.0

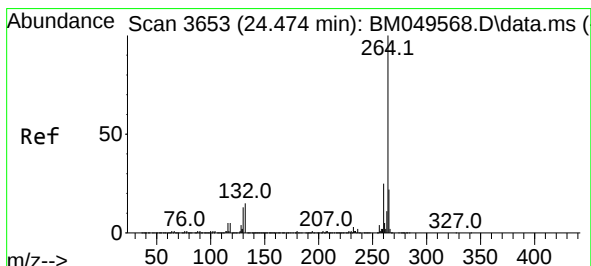
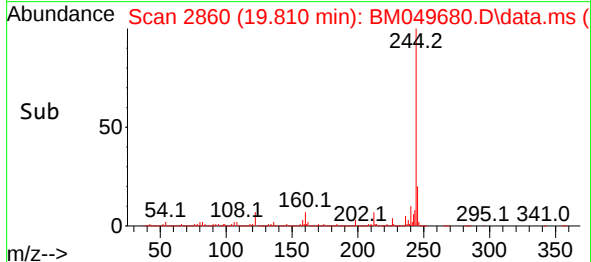
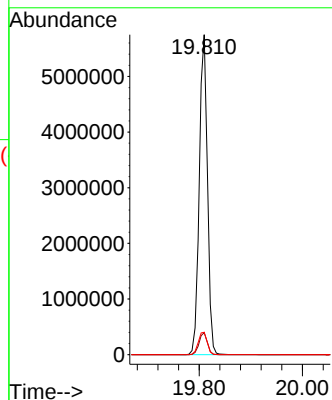
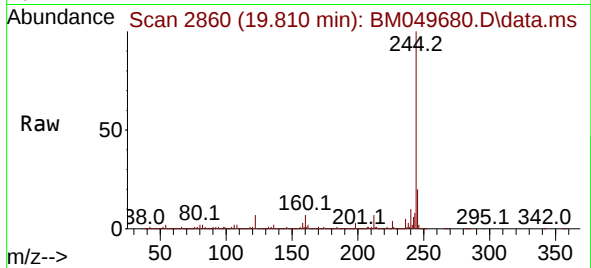




#79
 Terphenyl-d14
 Concen: 129.983 ng
 RT: 19.810 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BM049680.D
 Acq: 28 Feb 2025 15:52

Instrument :
 BNA_M
 ClientSampleId :
 PB166933BL

Tgt Ion:244 Resp: 6284003
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 7.0 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.433 min Scan# 3646
 Delta R.T. -0.041 min
 Lab File: BM049680.D
 Acq: 28 Feb 2025 15:52

Tgt Ion:264 Resp: 796061
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 21.3 17.5 26.3

