

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049576.D
 Acq On : 06 Feb 2025 10:20
 Operator : RC/JU
 Sample : PB166216BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB166216BL

Quant Time: Feb 06 11:14:22 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	7.828	152	301046	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1056173	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	617354	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1094021	20.000	ng	0.00
76) Chrysene-d12	21.439	240	739153	20.000	ng	0.00
86) Perylene-d12	24.474	264	605527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2593120	138.516	ng	0.00
7) Phenol-d6	6.981	99	3161789	128.913	ng	0.00
23) Nitrobenzene-d5	8.981	82	1946718	94.808	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	899308	122.938	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	4742769	99.522	ng	0.00
79) Terphenyl-d14	19.833	244	6812887	140.750	ng	0.00

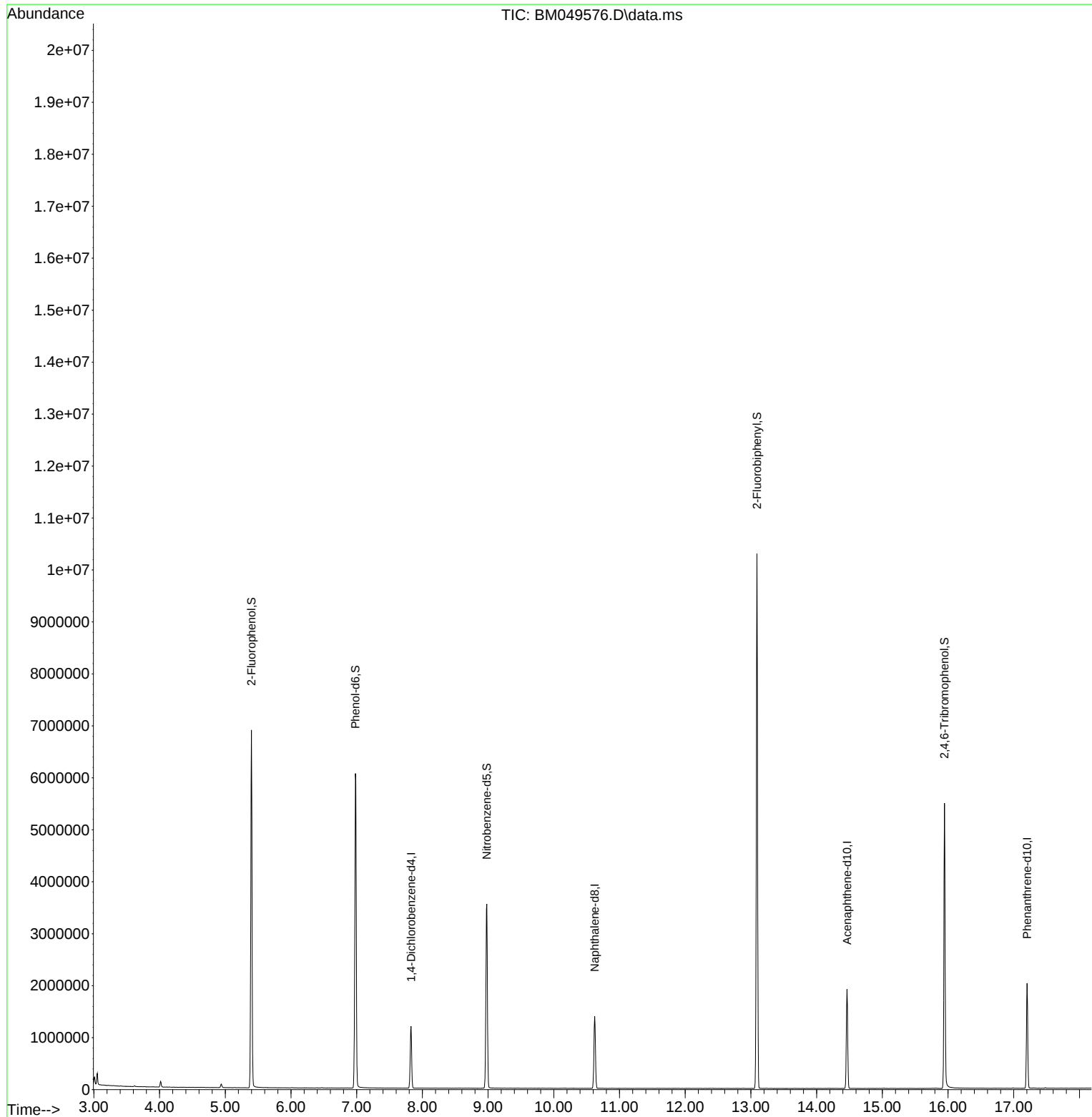
Target Compounds	Qvalue

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

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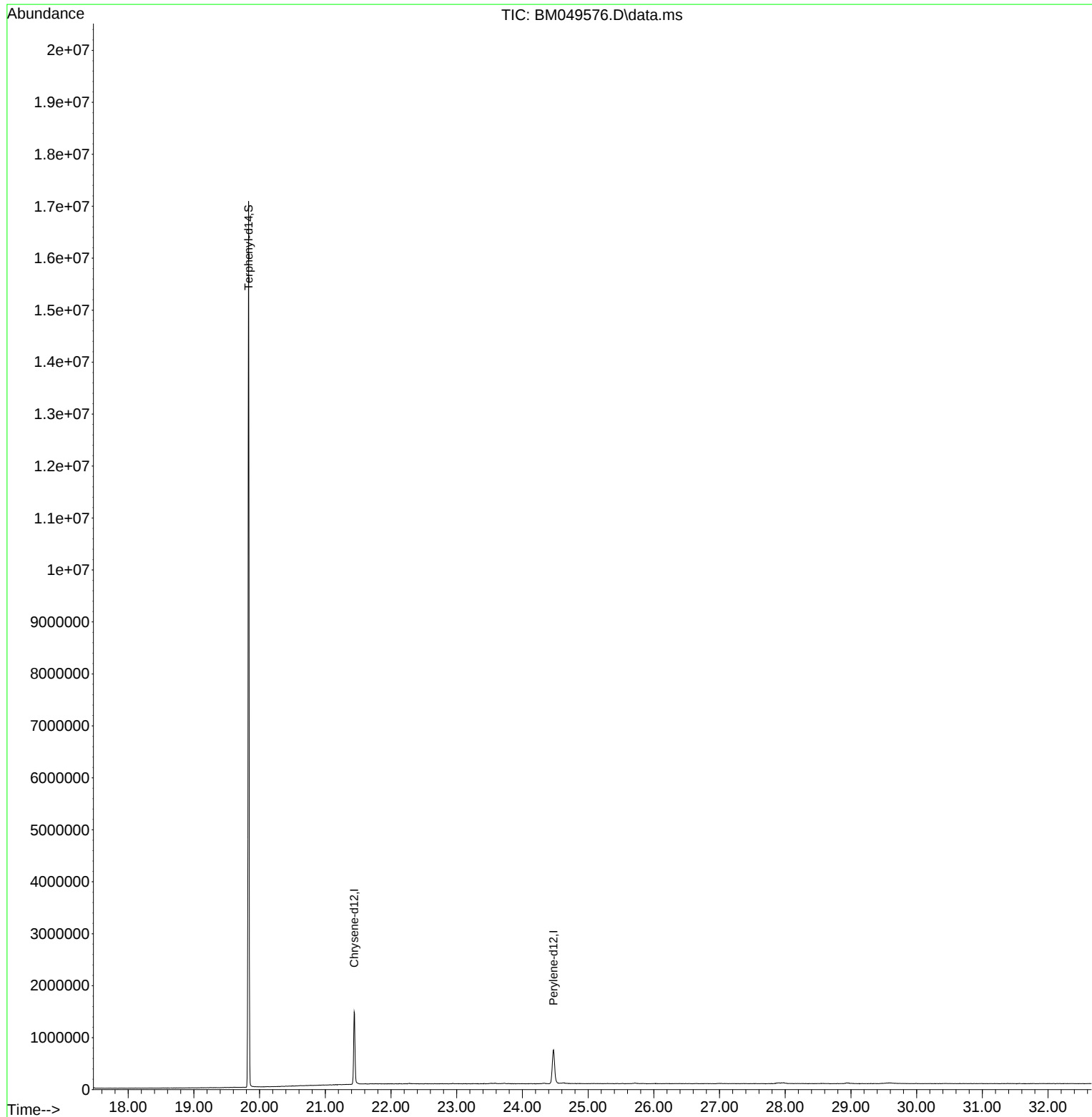
Quant Time: Feb 06 11:14:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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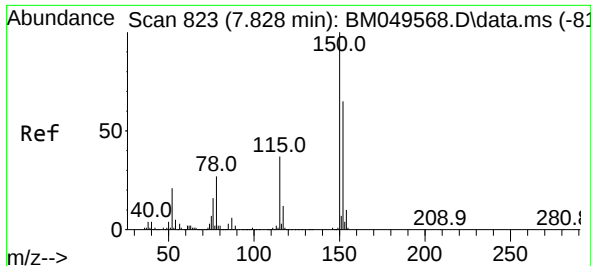


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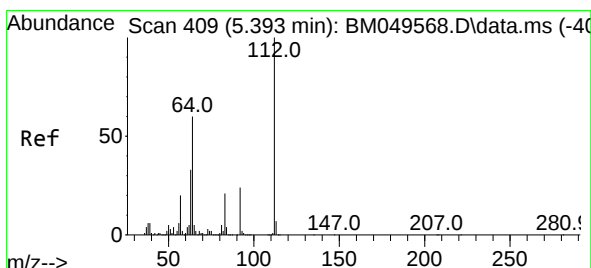
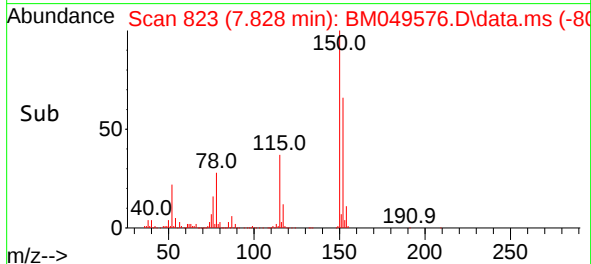
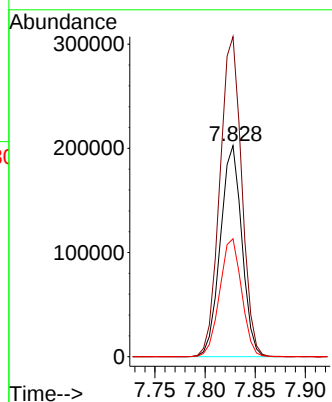
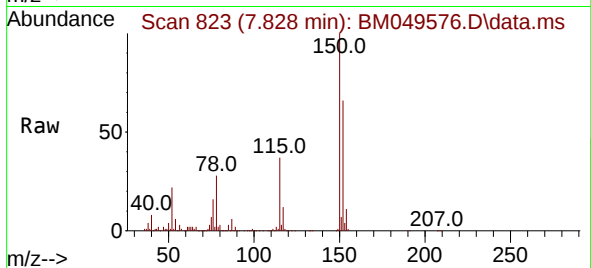




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.828 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM049576.D
 Acq: 06 Feb 2025 10:20

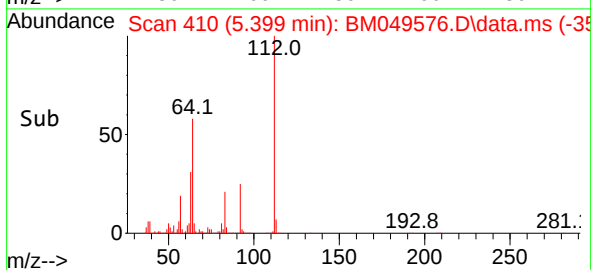
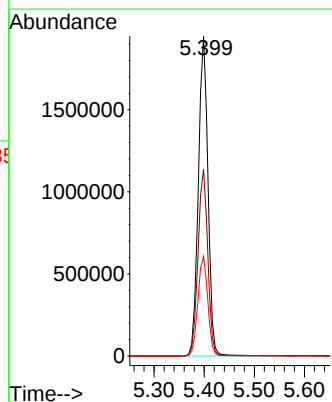
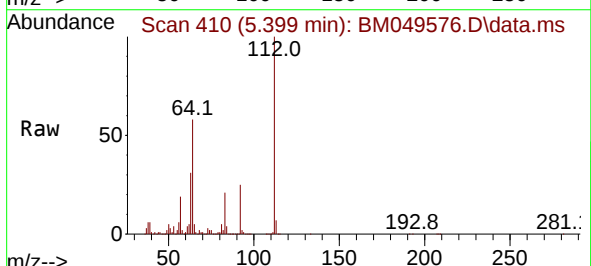
Instrument :
 BNA_M
 ClientSampleId :
 PB166216BL

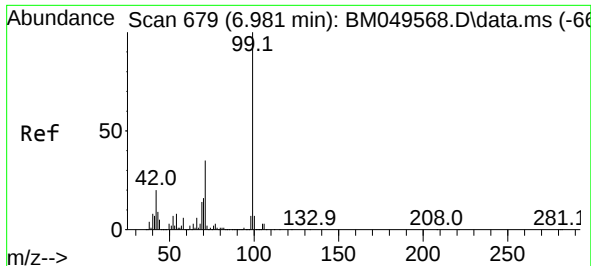
Tgt Ion:152 Resp: 301046
 Ion Ratio Lower Upper
 152 100
 150 151.6 122.6 184.0
 115 55.8 45.4 68.0



#5
 2-Fluorophenol
 Concen: 138.516 ng
 RT: 5.399 min Scan# 410
 Delta R.T. 0.006 min
 Lab File: BM049576.D
 Acq: 06 Feb 2025 10:20

Tgt Ion:112 Resp: 2593120
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.8 71.8
 63 31.1 26.2 39.4



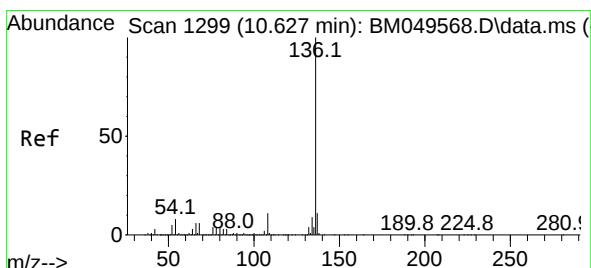
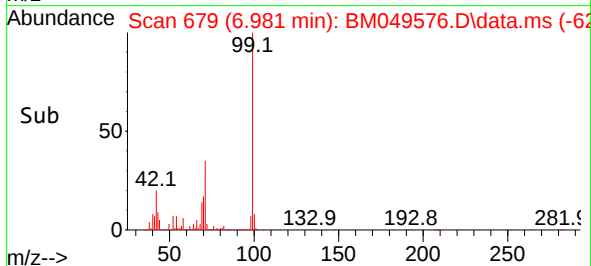
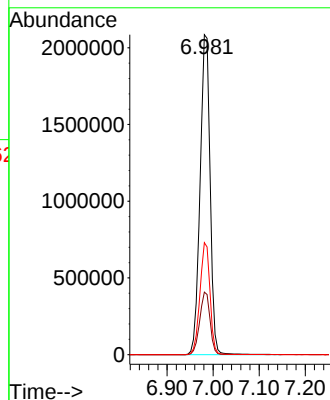
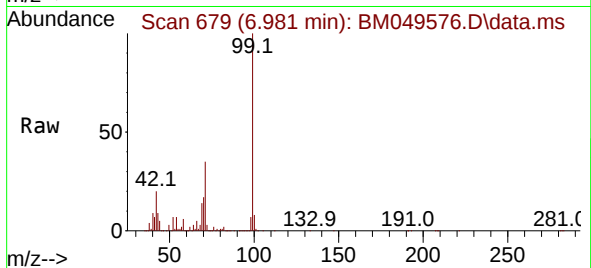


#7
Phenol-d6
Concen: 128.913 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049576.D
Acq: 06 Feb 2025 10:20

Instrument :
BNA_M
ClientSampleId :
PB166216BL

Tgt Ion: 99 Resp: 3161789

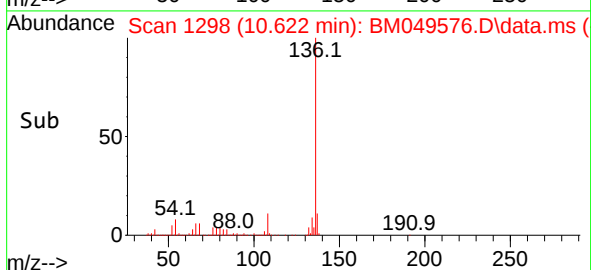
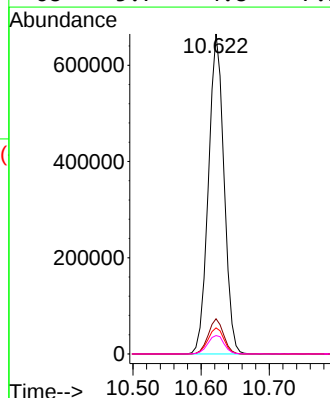
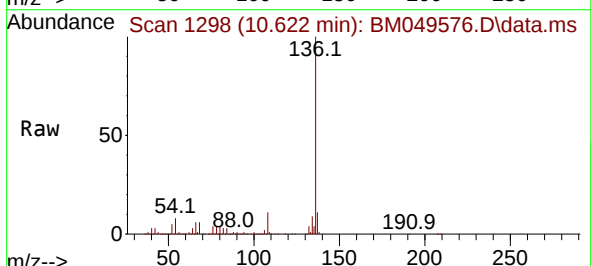
Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.0	24.0
71	35.0	27.8	41.6

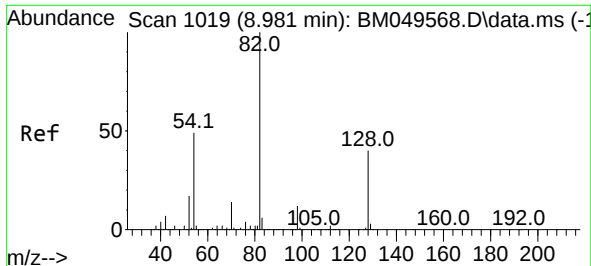


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM049576.D
Acq: 06 Feb 2025 10:20

Tgt Ion: 136 Resp: 1056173

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.2	6.6	10.0
68	5.7	4.8	7.2





#23

Nitrobenzene-d5

Concen: 94.808 ng

RT: 8.981 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BM049576.D

Acq: 06 Feb 2025 10:20

Instrument :

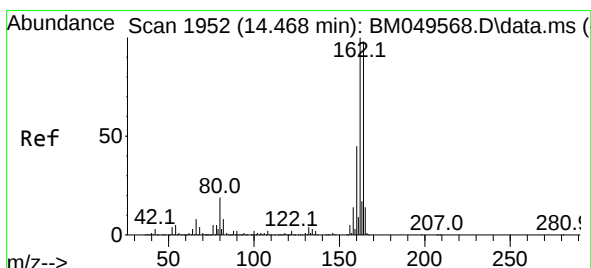
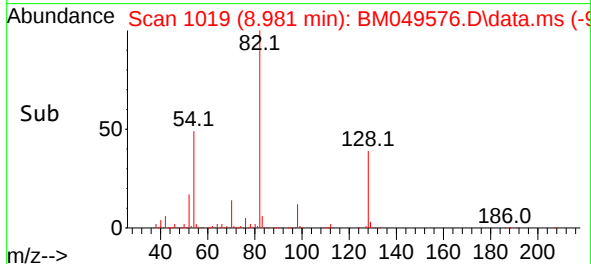
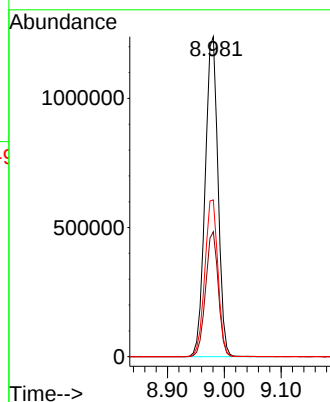
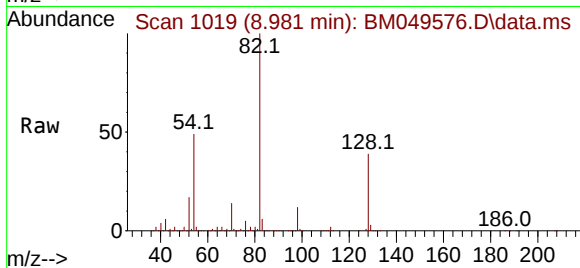
BNA_M

ClientSampleId :

PB166216BL

Tgt Ion: 82 Resp: 1946718

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.6	47.4
54	49.0	39.4	59.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1951

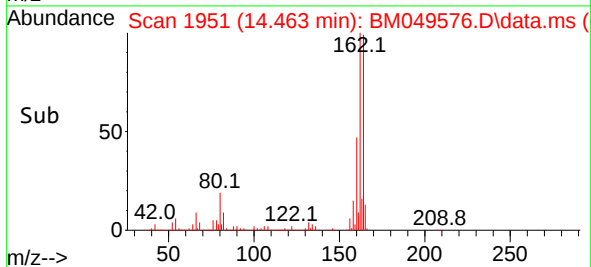
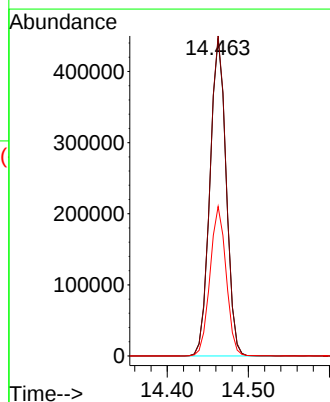
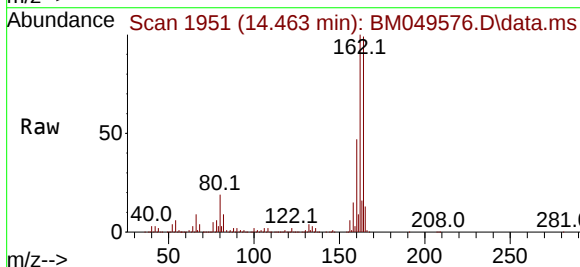
Delta R.T. -0.006 min

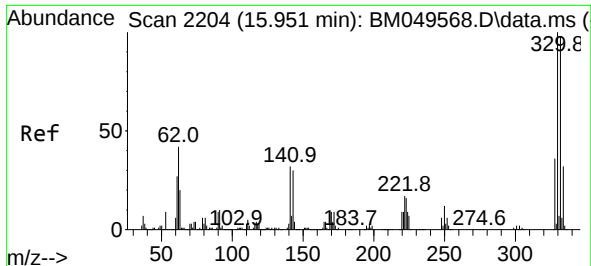
Lab File: BM049576.D

Acq: 06 Feb 2025 10:20

Tgt Ion: 164 Resp: 617354

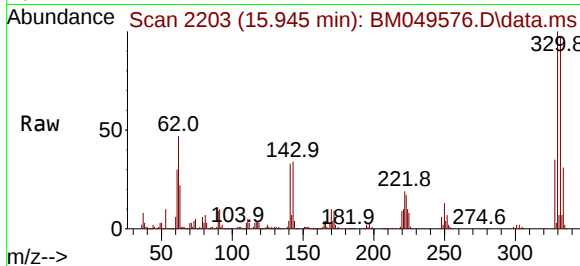
Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	47.1	36.2	54.4



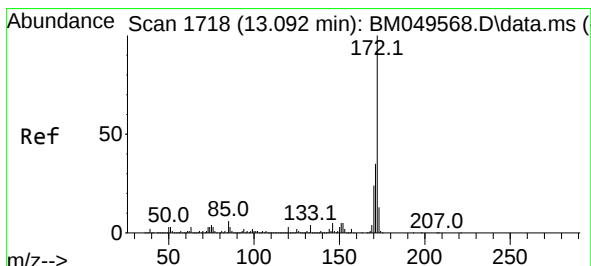
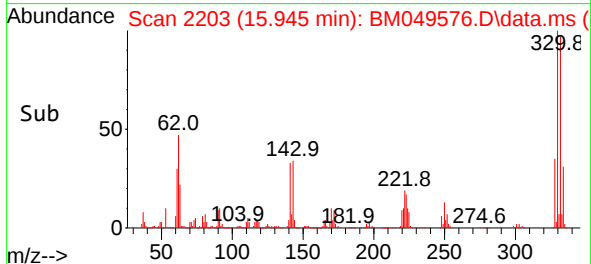
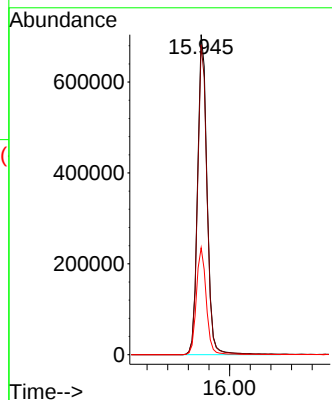


#42
2,4,6-Tribromophenol
Concen: 122.938 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049576.D
Acq: 06 Feb 2025 10:20

Instrument :
BNA_M
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PB166216BL

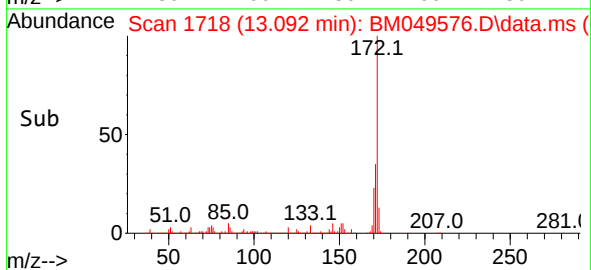
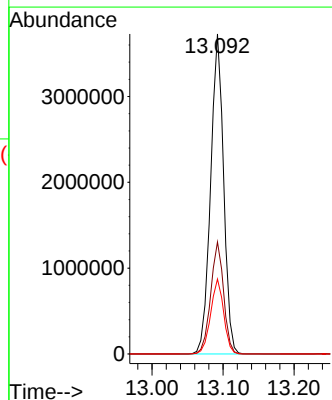
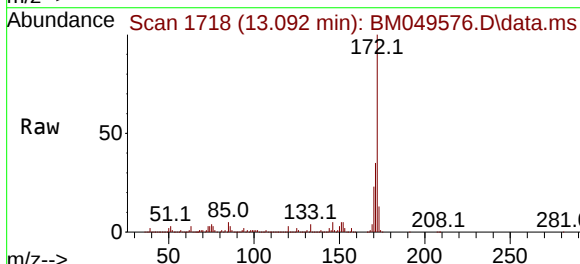


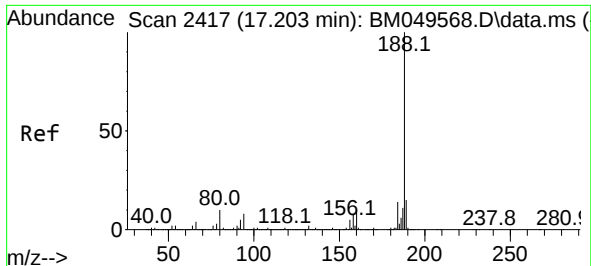
Tgt Ion:330 Resp: 899308
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 34.7 28.2 42.2



#45
2-Fluorobiphenyl
Concen: 99.522 ng
RT: 13.092 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM049576.D
Acq: 06 Feb 2025 10:20

Tgt Ion:172 Resp: 4742769
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.4 19.0 28.4

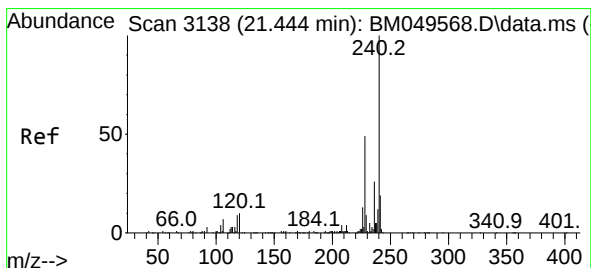
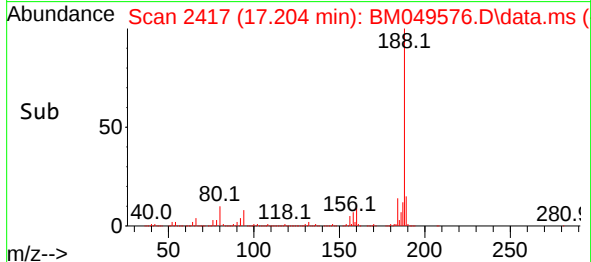
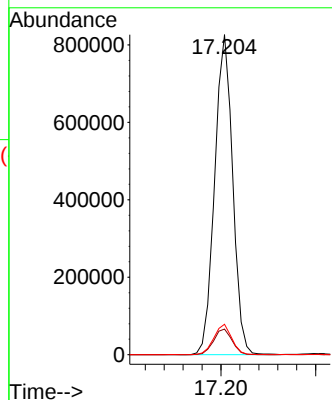
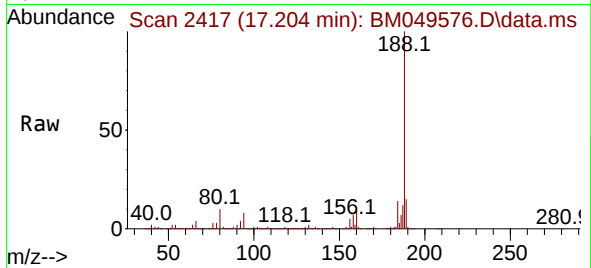




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM049576.D
Acq: 06 Feb 2025 10:20

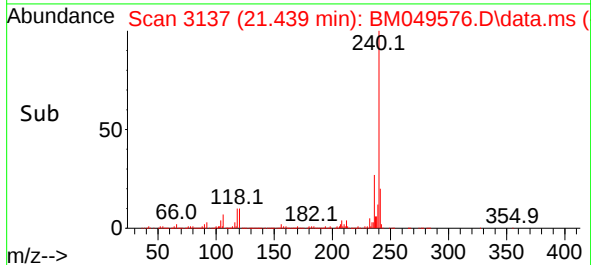
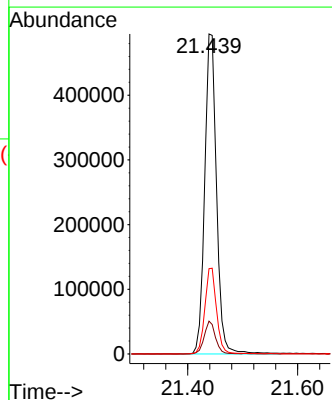
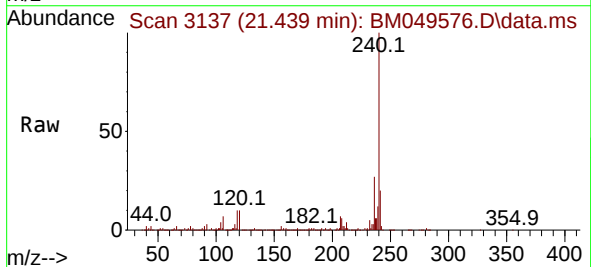
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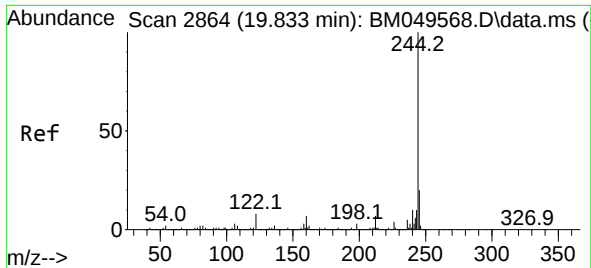
Tgt Ion:188 Resp: 1094021
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BM049576.D
Acq: 06 Feb 2025 10:20

Tgt Ion:240 Resp: 739153
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.8
236 26.7 20.6 31.0

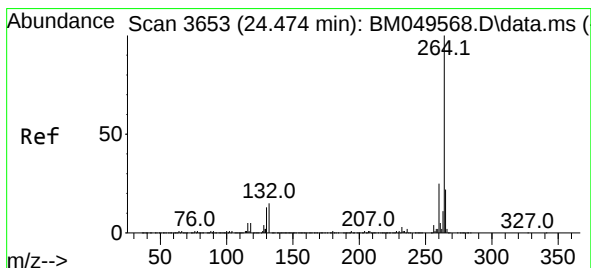
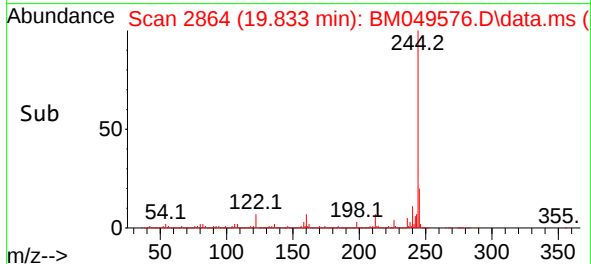
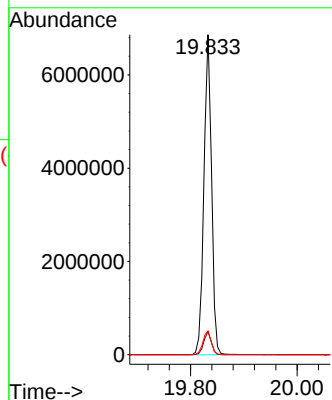
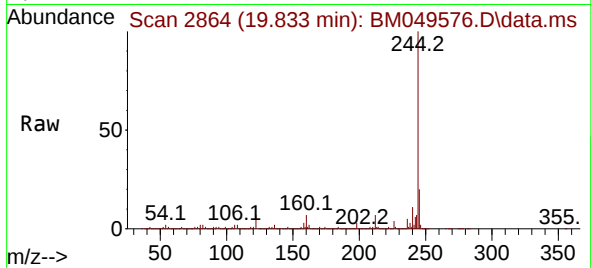




#79
 Terphenyl-d14
 Concen: 140.750 ng
 RT: 19.833 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM049576.D
 Acq: 06 Feb 2025 10:20

Instrument :
 BNA_M
 ClientSampleId :
 PB166216BL

Tgt Ion:244 Resp: 6812887
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 7.4 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.474 min Scan# 3653
 Delta R.T. 0.000 min
 Lab File: BM049576.D
 Acq: 06 Feb 2025 10:20

Tgt Ion:264 Resp: 605527
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 21.3 17.5 26.3

