

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049715.D
 Acq On : 13 Mar 2025 15:20
 Operator : RC/JU
 Sample : PB167097BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167097BL

Quant Time: Mar 13 15:56:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	371354	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	1284387	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	842651	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1675035	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1341326	20.000	ng	0.00
86) Perylene-d12	24.438	264	1212394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	3305256	150.181	ng	0.00
7) Phenol-d6	6.981	99	4118395	149.112	ng	0.00
23) Nitrobenzene-d5	8.963	82	2442329	97.629	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	1893989	192.486	ng	0.00
45) 2-Fluorobiphenyl	13.068	172	6648001	98.805	ng	0.00
79) Terphenyl-d14	19.809	244	10322198	129.679	ng	0.00

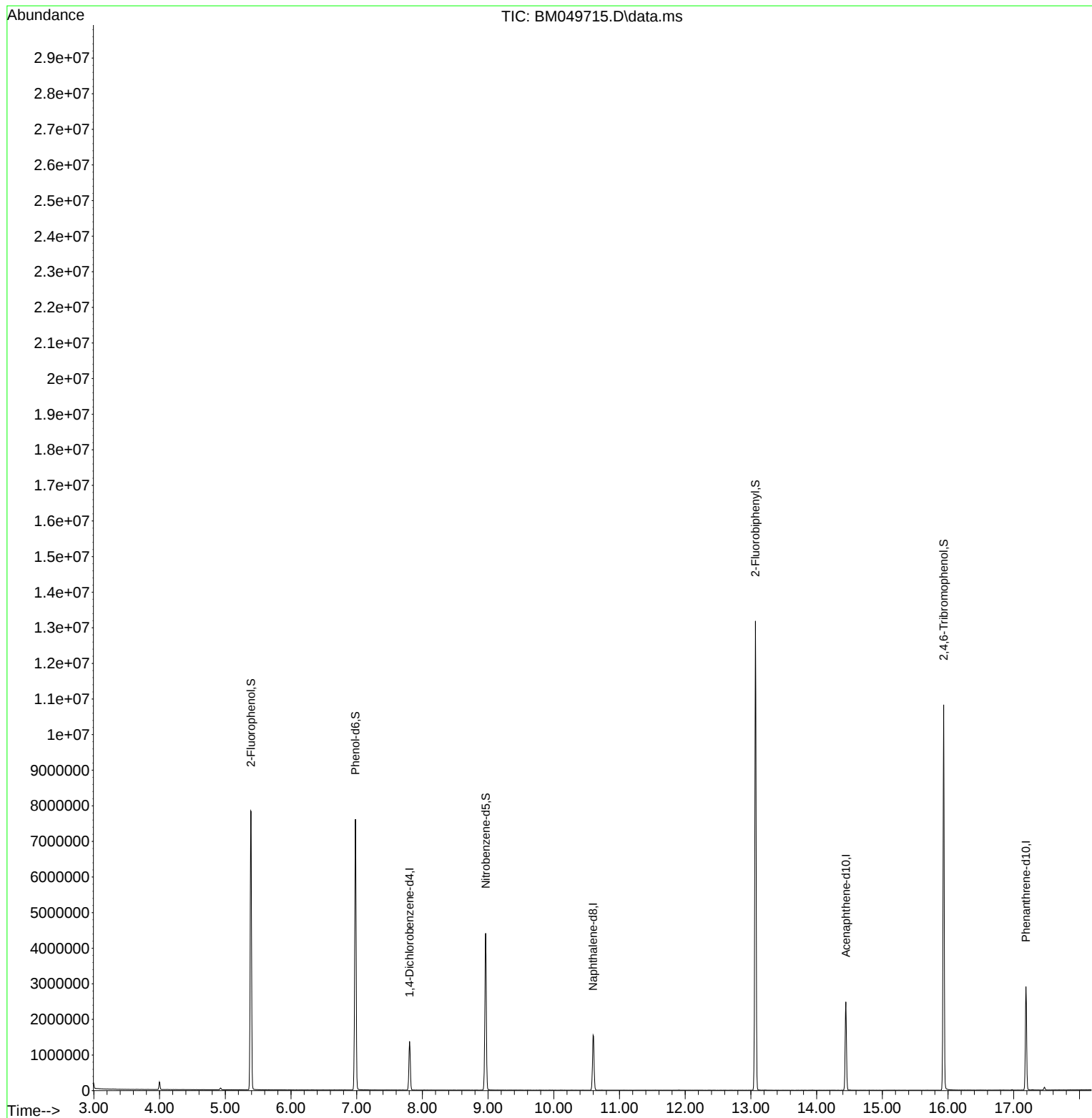
Target Compounds	Qvalue

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

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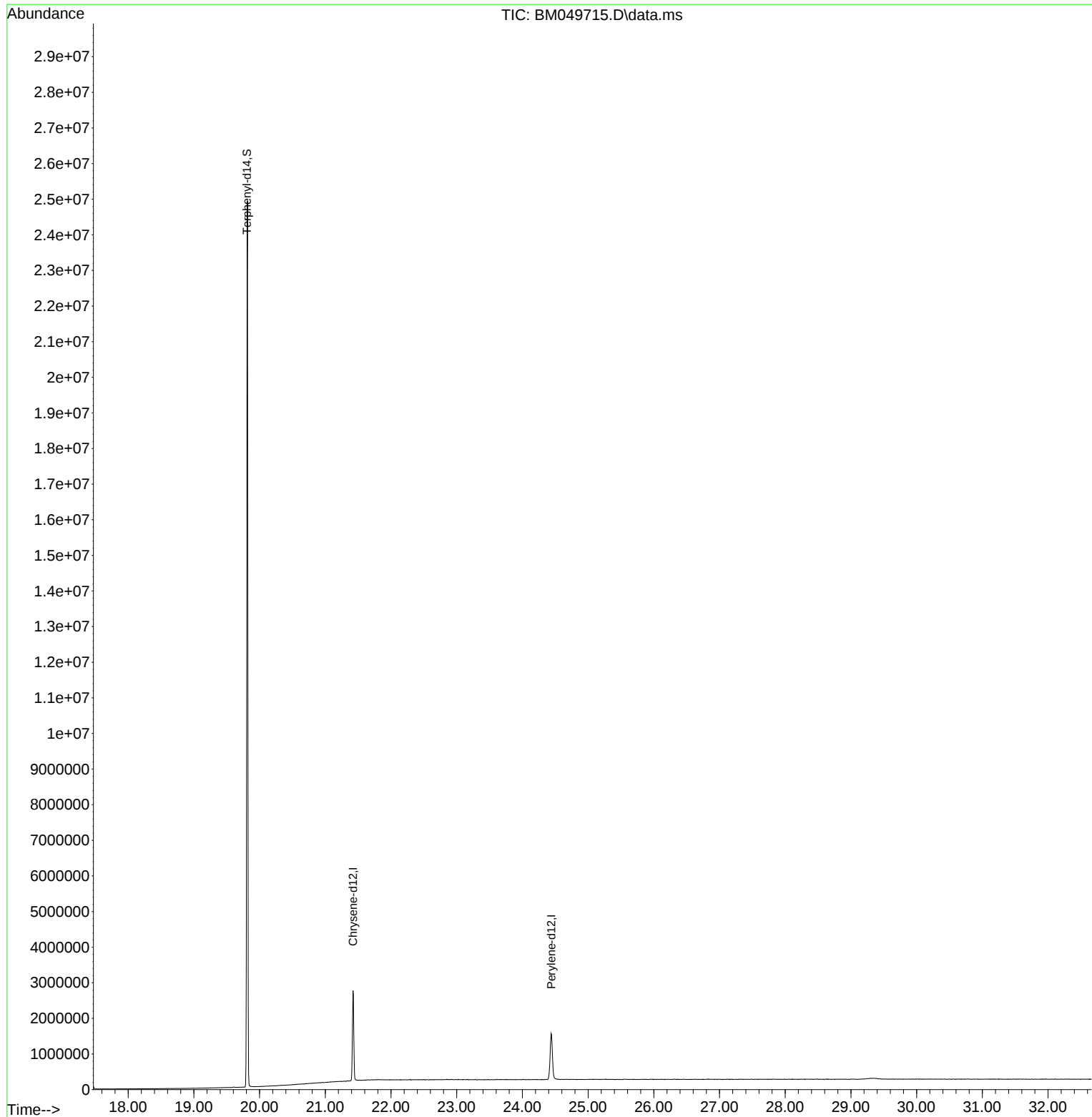
Quant Time: Mar 13 15:56:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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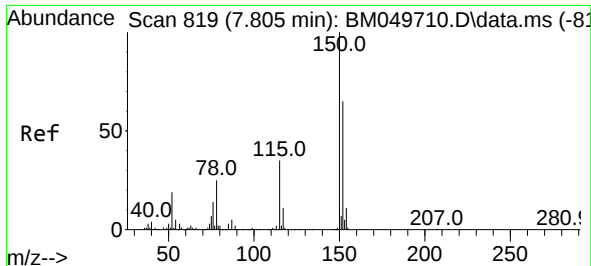


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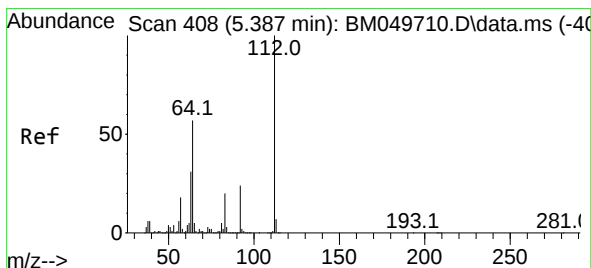
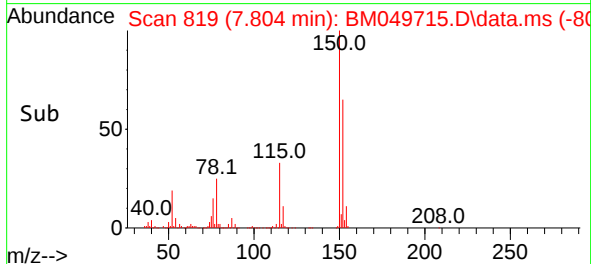
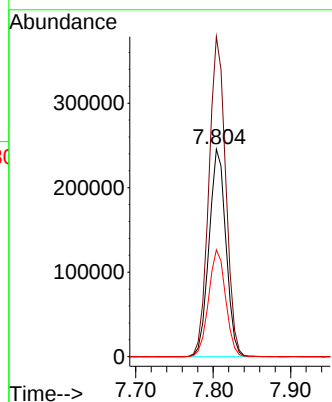
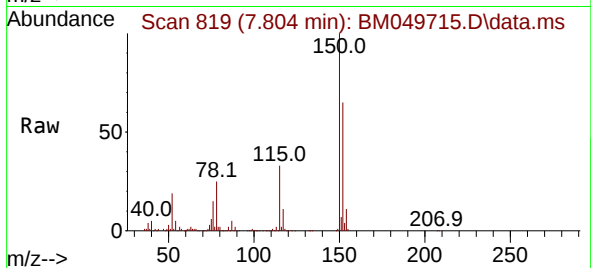




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 819
 Delta R.T. -0.001 min
 Lab File: BM049715.D
 Acq: 13 Mar 2025 15:20

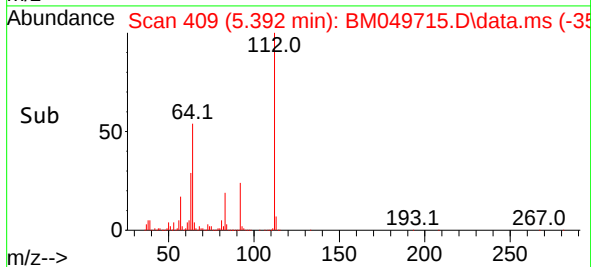
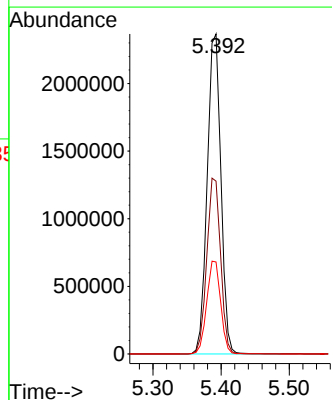
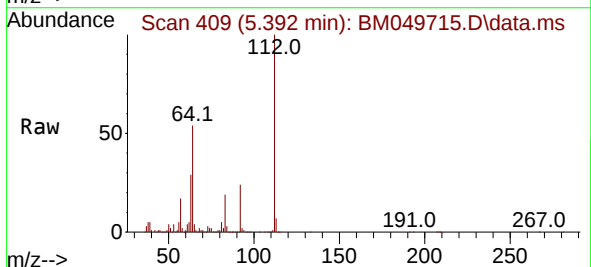
Instrument :
 BNA_M
 ClientSampleId :
 PB167097BL

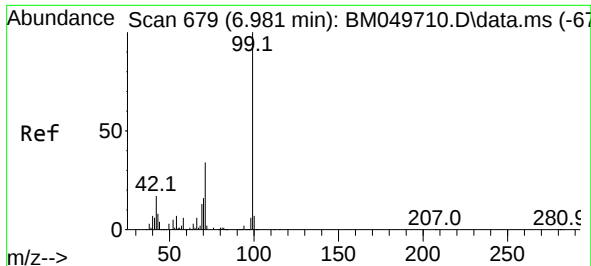
Tgt Ion:152 Resp: 371354
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.8 185.8
 115 51.5 43.0 64.6



#5
 2-Fluorophenol
 Concen: 150.181 ng
 RT: 5.392 min Scan# 409
 Delta R.T. 0.005 min
 Lab File: BM049715.D
 Acq: 13 Mar 2025 15:20

Tgt Ion:112 Resp: 3305256
 Ion Ratio Lower Upper
 112 100
 64 54.0 45.3 67.9
 63 28.7 24.4 36.6



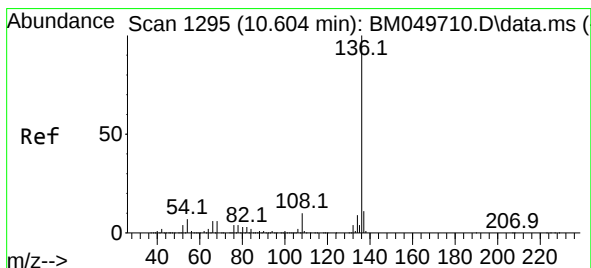
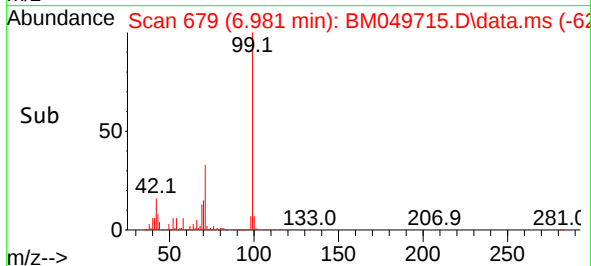
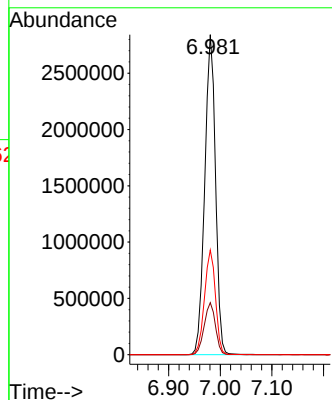
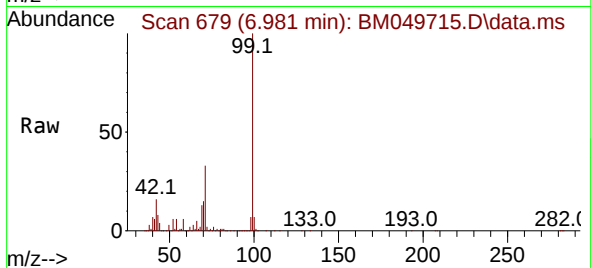


#7
Phenol-d6
Concen: 149.112 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049715.D
Acq: 13 Mar 2025 15:20

Instrument :
BNA_M
ClientSampleId :
PB167097BL

Tgt Ion: 99 Resp: 4118395

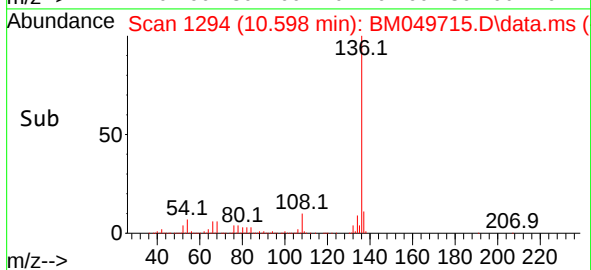
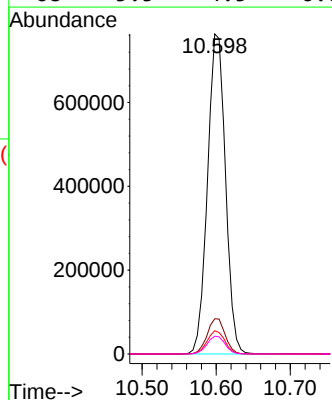
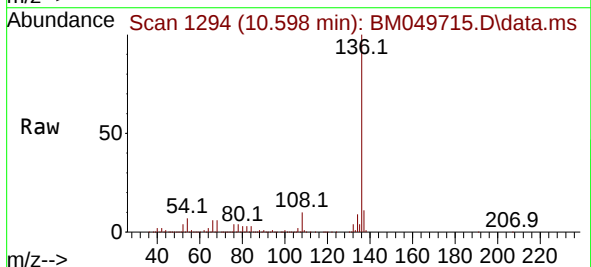
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	32.7	27.0	40.6

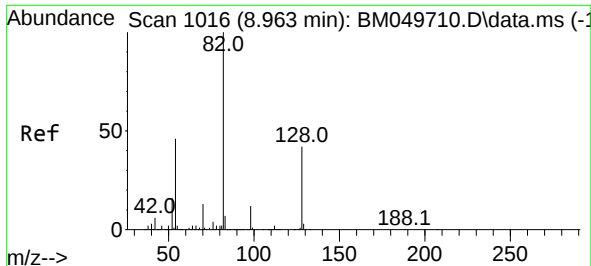


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BM049715.D
Acq: 13 Mar 2025 15:20

Tgt Ion: 136 Resp: 1284387

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.3	5.8	8.8
68	5.5	4.5	6.7

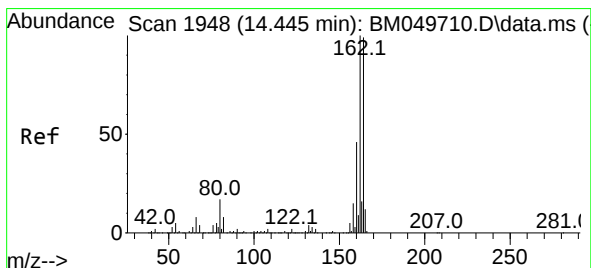
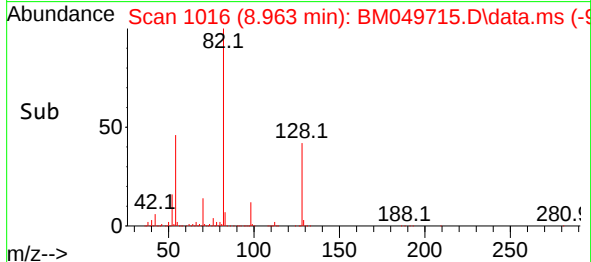
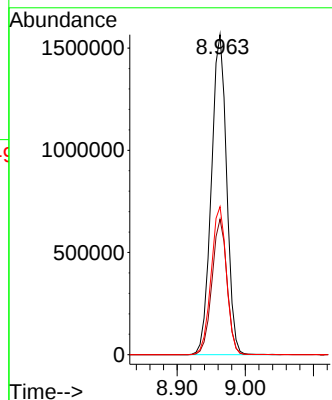
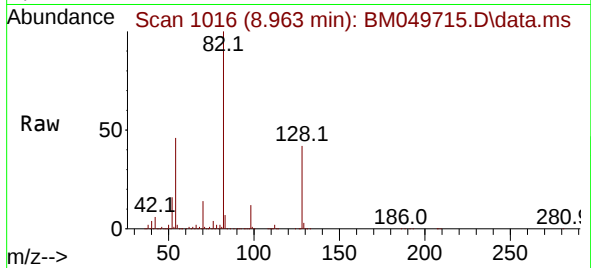




#23
Nitrobenzene-d5
Concen: 97.629 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.001 min
Lab File: BM049715.D
Acq: 13 Mar 2025 15:20

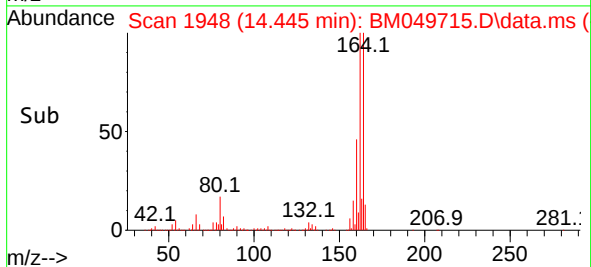
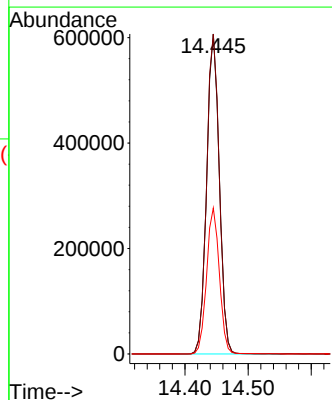
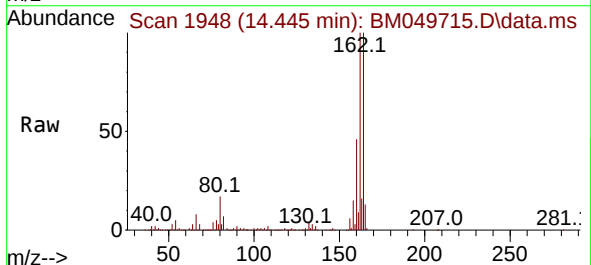
Instrument :
BNA_M
ClientSampleId :
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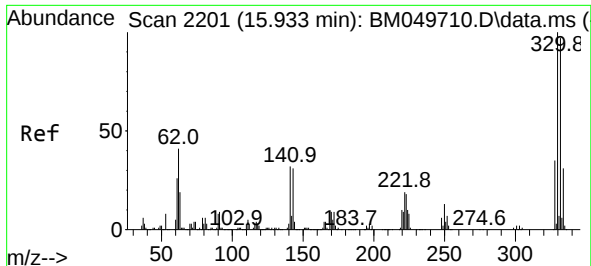
Tgt Ion: 82 Resp: 2442329
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.0
54 46.3 36.4 54.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.001 min
Lab File: BM049715.D
Acq: 13 Mar 2025 15:20

Tgt Ion:164 Resp: 842651
Ion Ratio Lower Upper
164 100
162 99.9 80.5 120.7
160 45.6 36.9 55.3

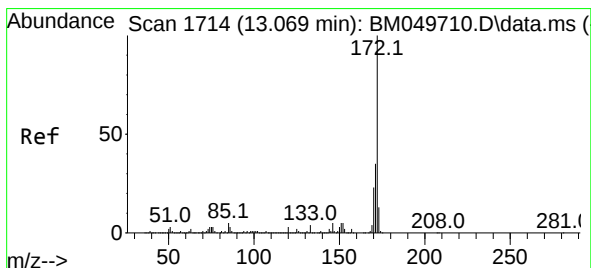
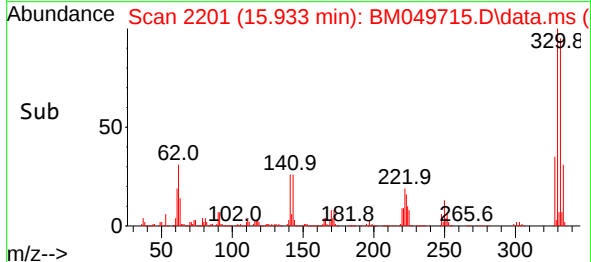
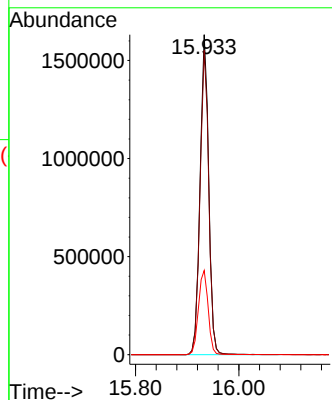
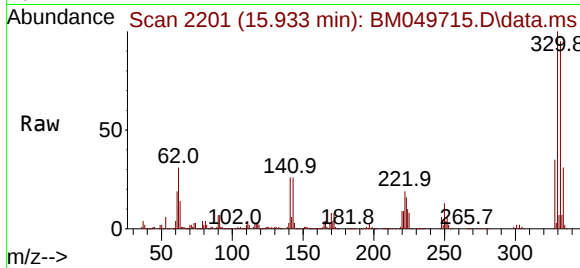




#42
2,4,6-Tribromophenol
Concen: 192.486 ng
RT: 15.933 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049715.D
Acq: 13 Mar 2025 15:20

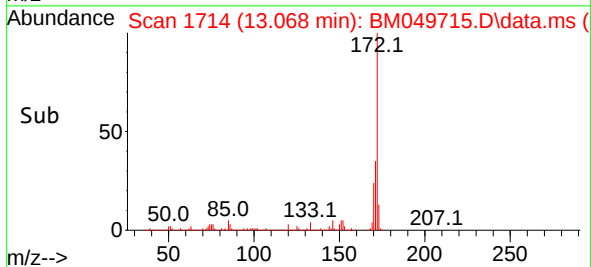
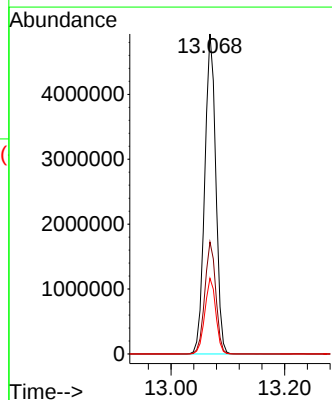
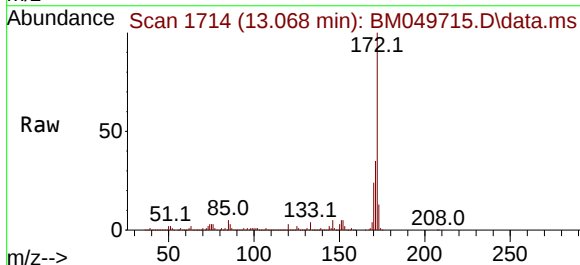
Instrument :
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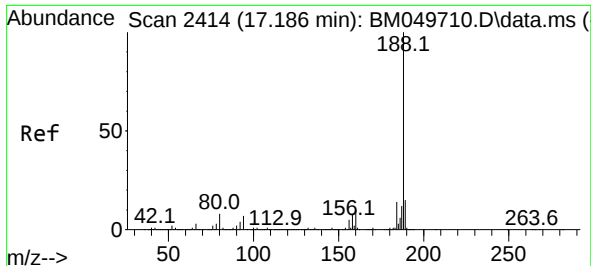
Tgt Ion:330 Resp: 1893989
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 29.4 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 98.805 ng
RT: 13.068 min Scan# 1714
Delta R.T. -0.001 min
Lab File: BM049715.D
Acq: 13 Mar 2025 15:20

Tgt Ion:172 Resp: 6648001
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.6 18.6 28.0

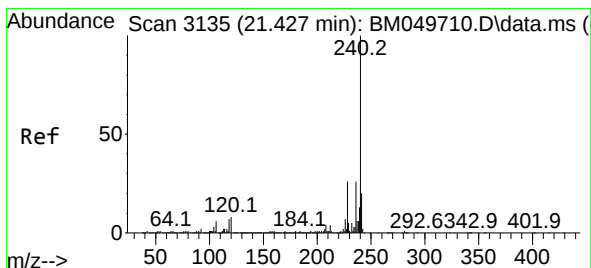
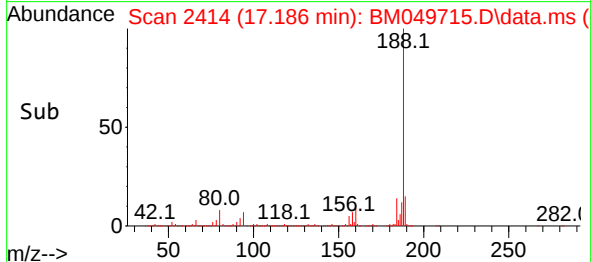
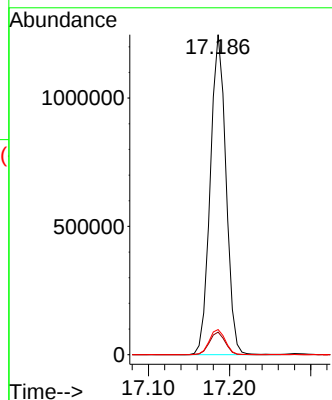
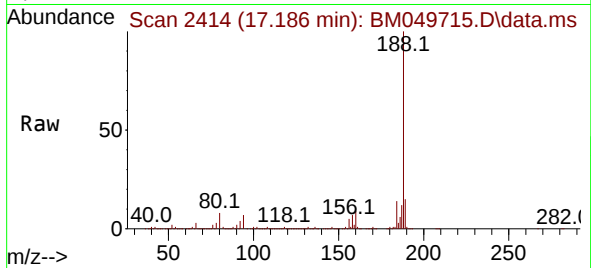




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM049715.D
Acq: 13 Mar 2025 15:20

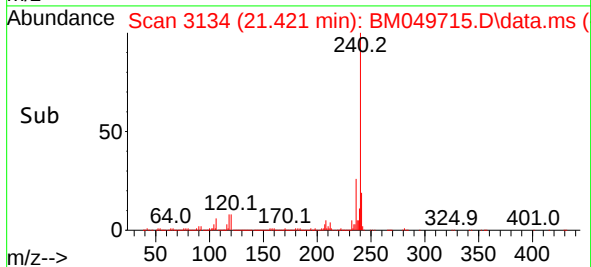
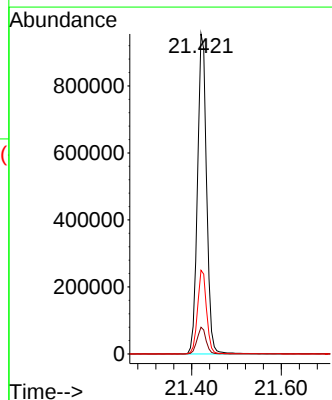
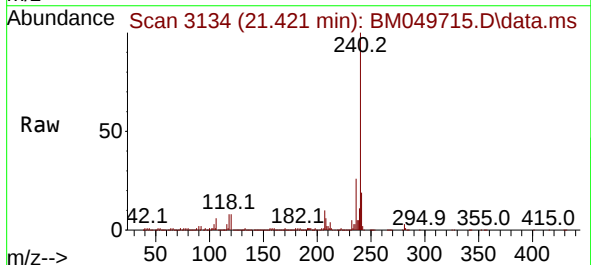
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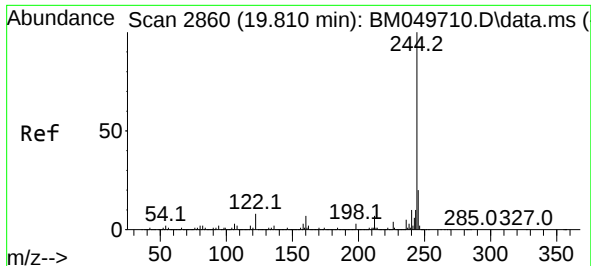
Tgt Ion:188 Resp: 1675035
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 7.8 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BM049715.D
Acq: 13 Mar 2025 15:20

Tgt Ion:240 Resp: 1341326
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 26.2 20.7 31.1

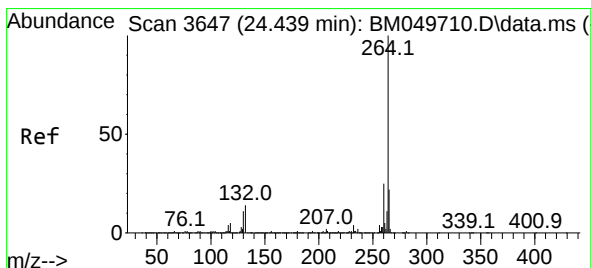
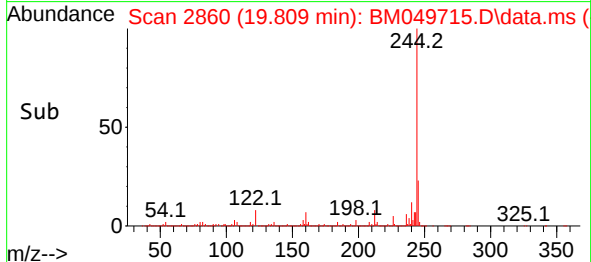
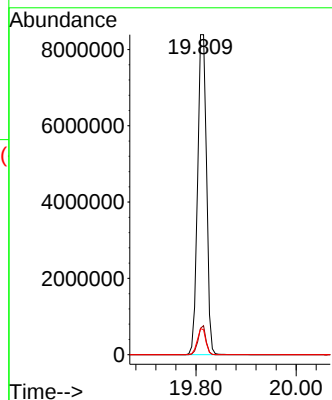
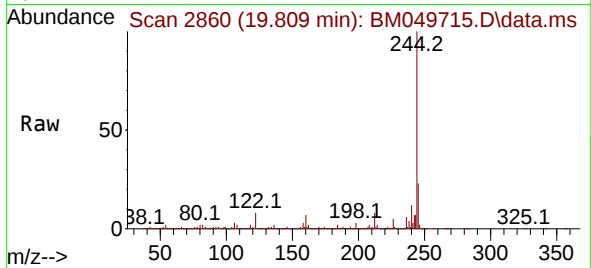




#79
 Terphenyl-d14
 Concen: 129.679 ng
 RT: 19.809 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BM049715.D
 Acq: 13 Mar 2025 15:20

Instrument :
 BNA_M
 ClientSampleId :
 PB167097BL

Tgt Ion:244 Resp:10322198
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.6
 122 8.2 6.0 9.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.438 min Scan# 3647
 Delta R.T. -0.000 min
 Lab File: BM049715.D
 Acq: 13 Mar 2025 15:20

Tgt Ion:264 Resp: 1212394
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.9 18.2 27.2

