

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
 Data File : BM050319.D
 Acq On : 14 Jun 2025 04:19
 Operator : RC/JU
 Sample : Q2310-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7

Quant Time: Jun 14 05:06:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	405396	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1519760	20.000	ng	#-0.01
39) Acenaphthene-d10	14.392	164	794809	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1422200	20.000	ng	-0.01
76) Chrysene-d12	21.350	240	1375883	20.000	ng	-0.02
86) Perylene-d12	24.321	264	1356474	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3643165	149.911	ng	0.00
7) Phenol-d6	6.934	99	4160951	130.064	ng	0.00
23) Nitrobenzene-d5	8.910	82	2947393	100.864	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1318491	145.844	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5612986	95.610	ng	-0.01
79) Terphenyl-d14	19.756	244	6911719	95.196	ng	-0.01

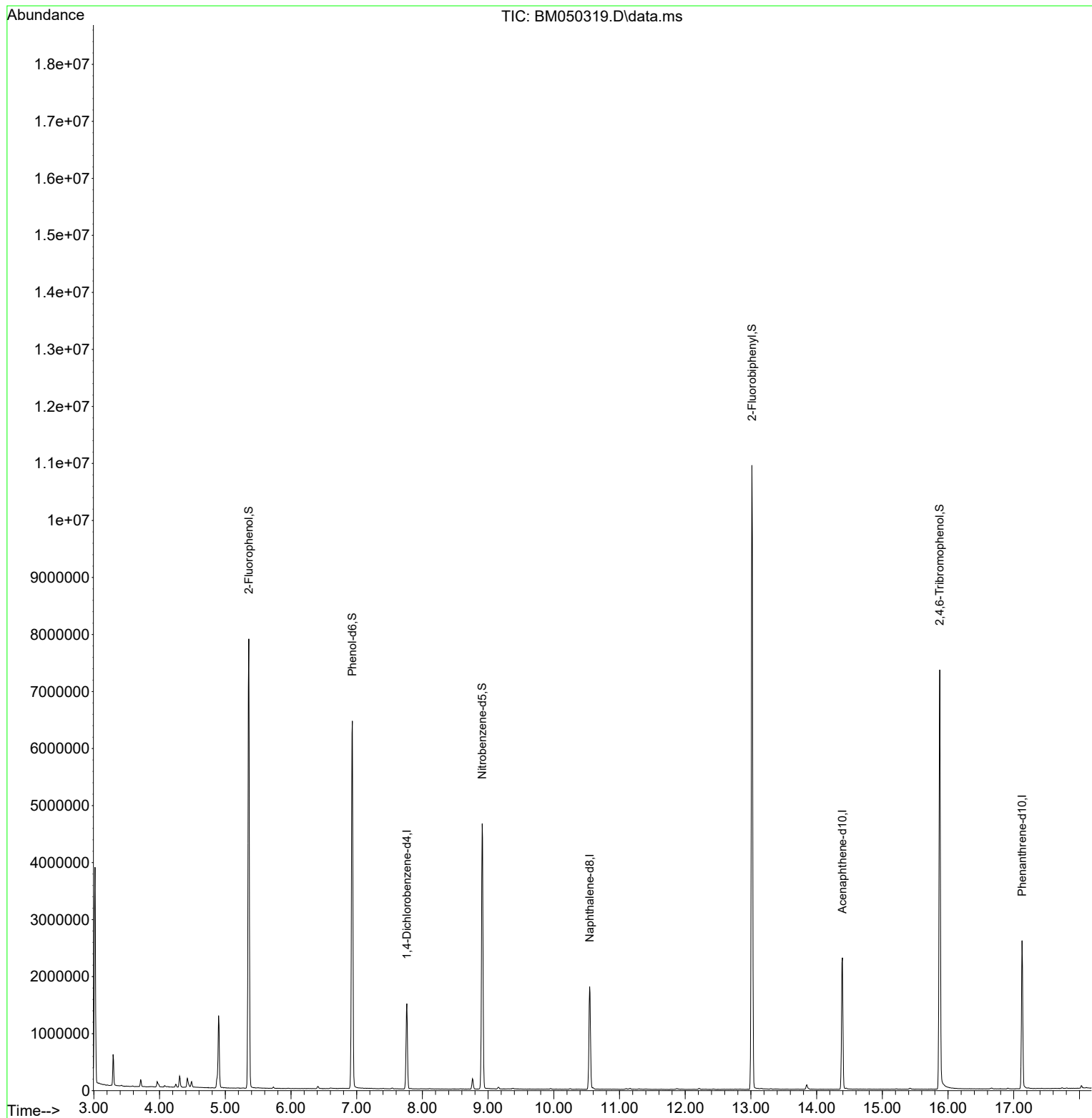
Target Compounds	Qvalue

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

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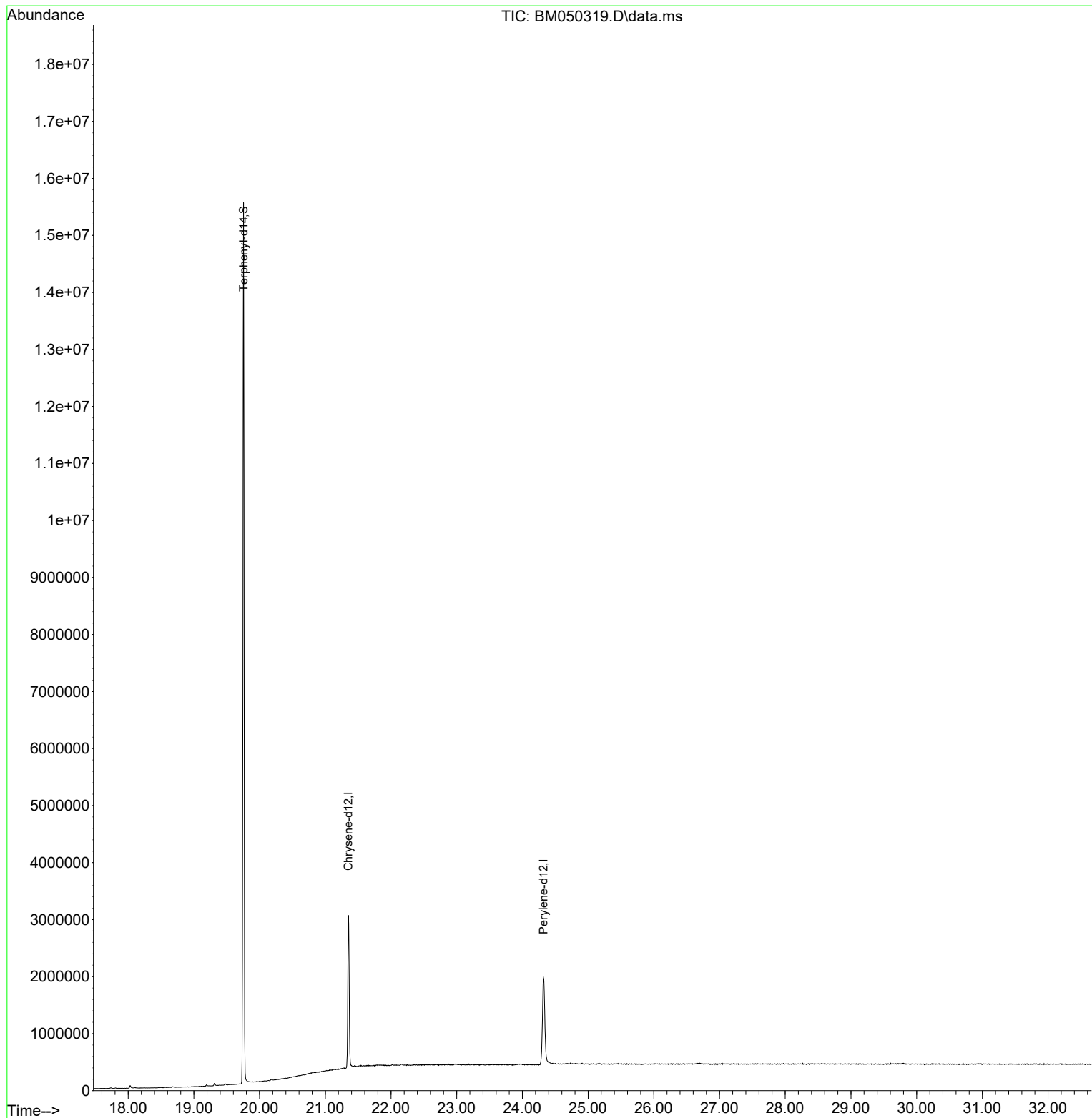
Quant Time: Jun 14 05:06:26 2025
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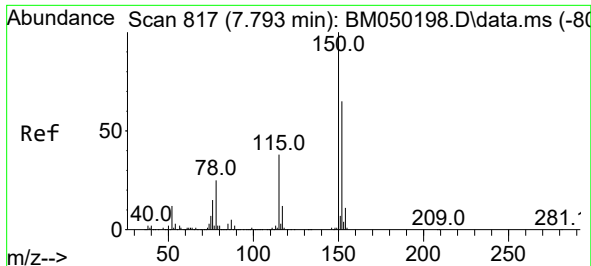


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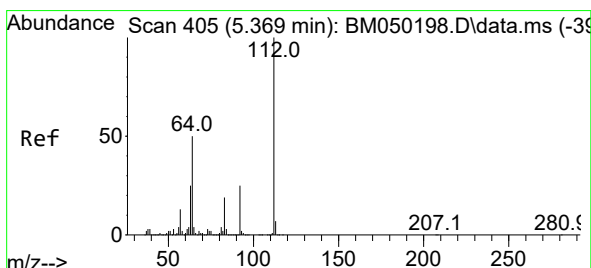
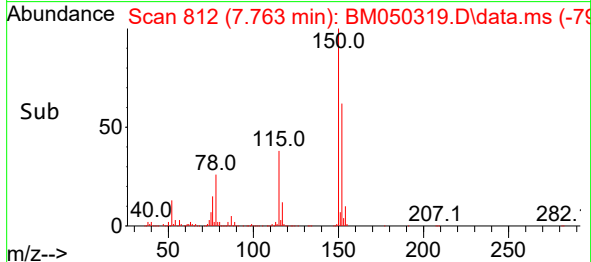
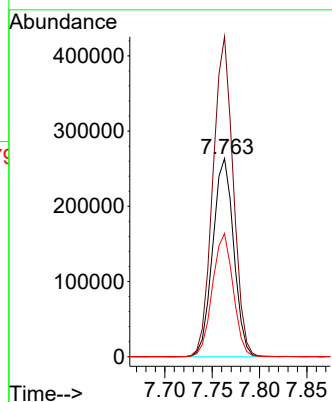
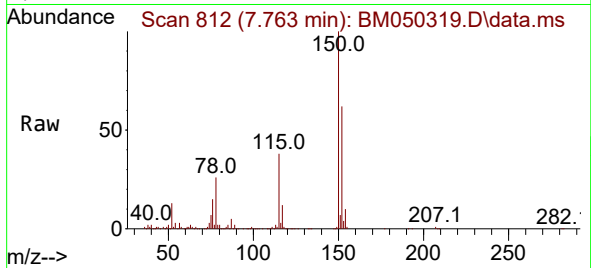




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050319.D
Acq: 14 Jun 2025 04:19

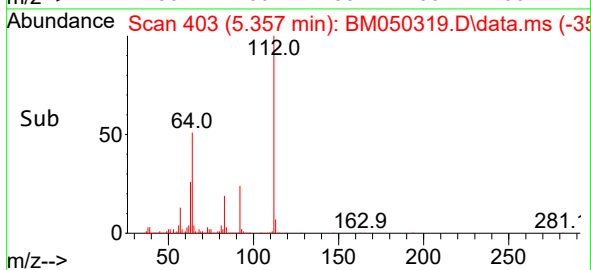
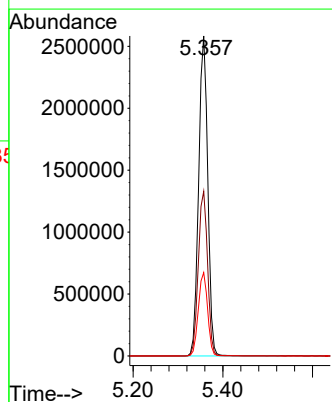
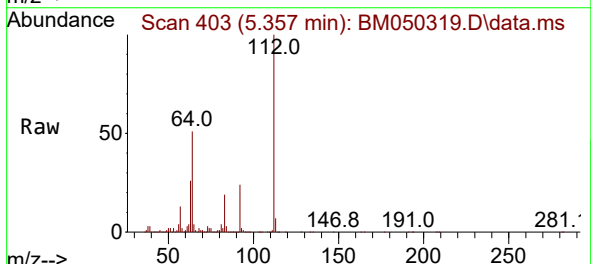
Instrument :
BNA_M
ClientSampleId :
TP-7

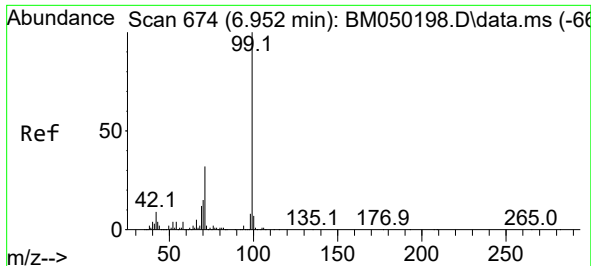
Tgt Ion:152 Resp: 405396
Ion Ratio Lower Upper
152 100
150 161.5 122.2 183.4
115 62.2 46.3 69.5



#5
2-Fluorophenol
Concen: 149.911 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050319.D
Acq: 14 Jun 2025 04:19

Tgt Ion:112 Resp: 3643165
Ion Ratio Lower Upper
112 100
64 51.5 39.8 59.6
63 26.0 19.8 29.8

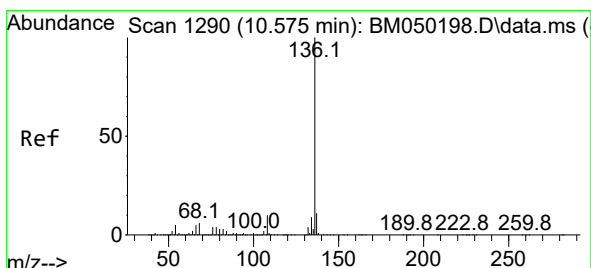
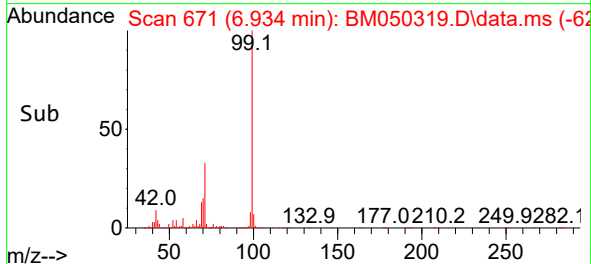
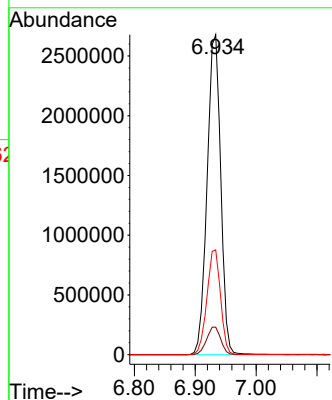
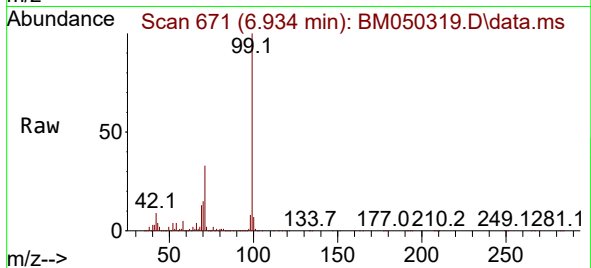




#7
Phenol-d6
Concen: 130.064 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050319.D
Acq: 14 Jun 2025 04:19

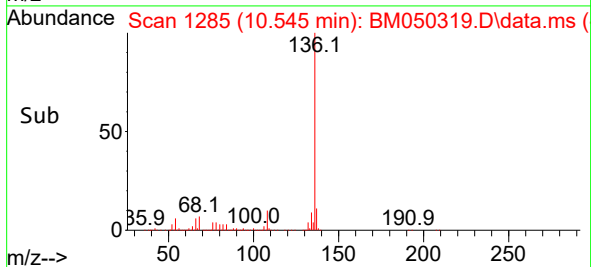
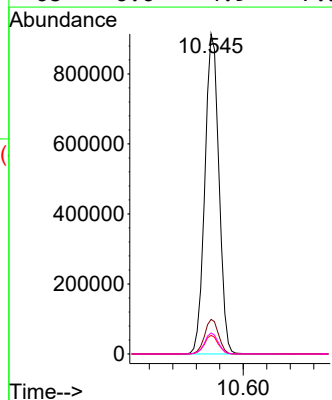
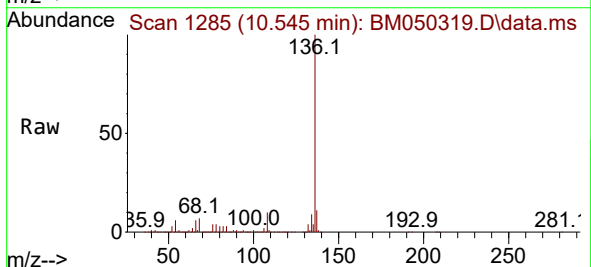
Instrument :
BNA_M
ClientSampleId :
TP-7

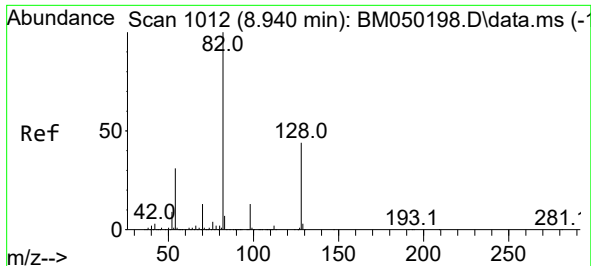
Tgt Ion: 99 Resp: 4160951
Ion Ratio Lower Upper
99 100
42 8.6 6.9 10.3
71 32.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM050319.D
Acq: 14 Jun 2025 04:19

Tgt Ion: 136 Resp: 1519760
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.8 3.8 5.8#
68 6.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 100.864 ng

RT: 8.910 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM050319.D

Acq: 14 Jun 2025 04:19

Instrument :

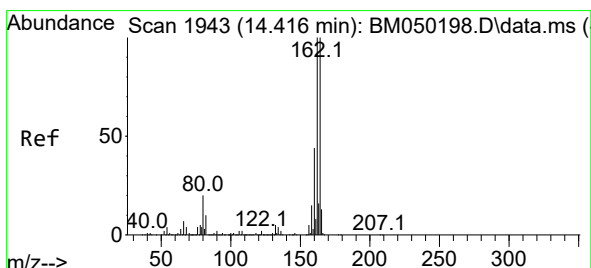
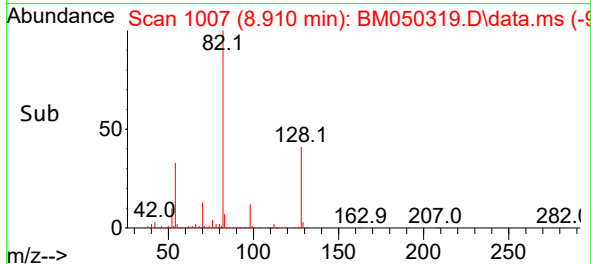
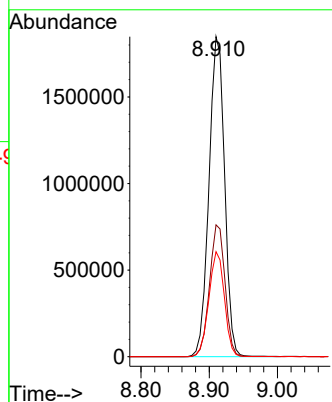
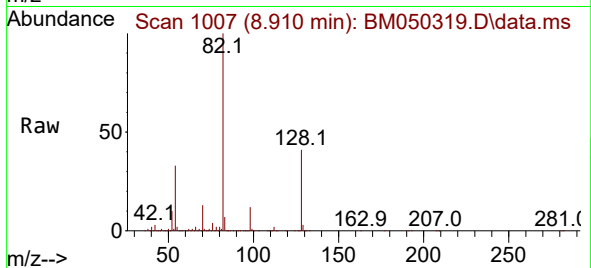
BNA_M

ClientSampleId :

TP-7

Tgt Ion: 82 Resp: 2947393

Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.2	52.8
54	32.8	24.5	36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

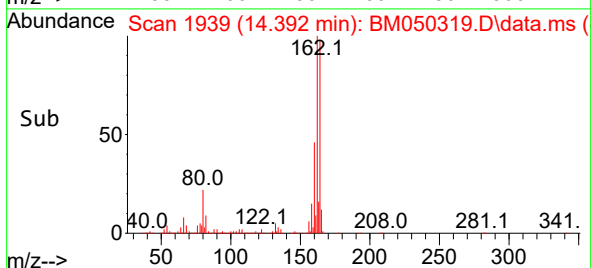
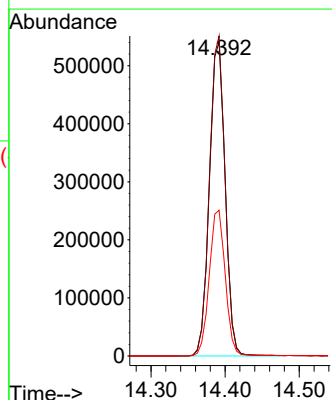
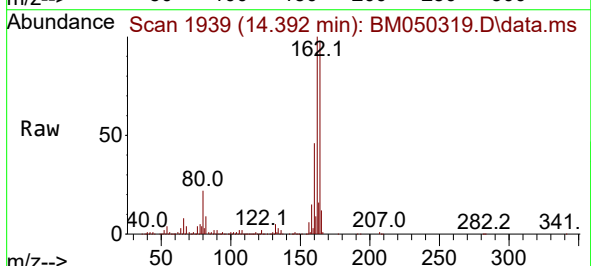
Delta R.T. -0.006 min

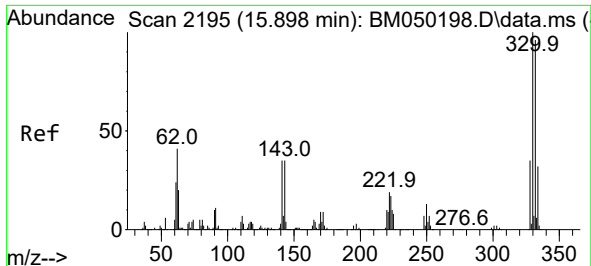
Lab File: BM050319.D

Acq: 14 Jun 2025 04:19

Tgt Ion: 164 Resp: 794809

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.4
160	46.4	35.7	53.5

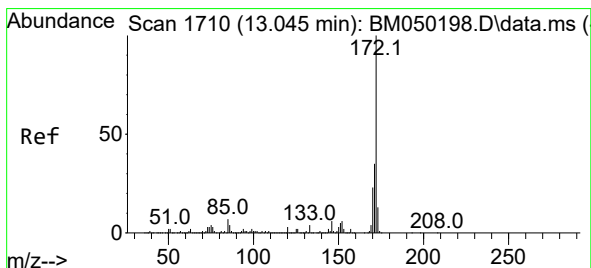
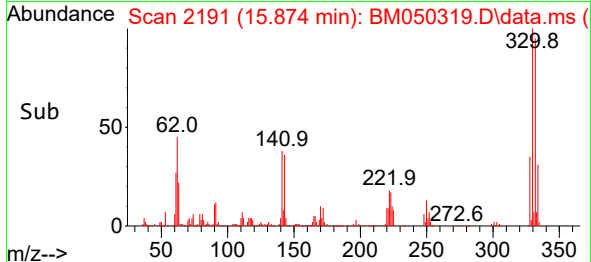
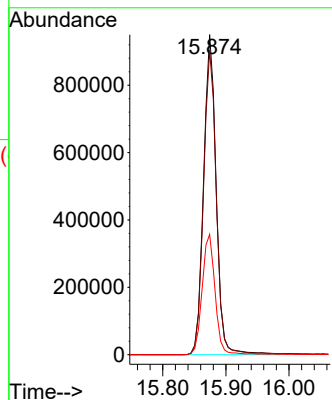
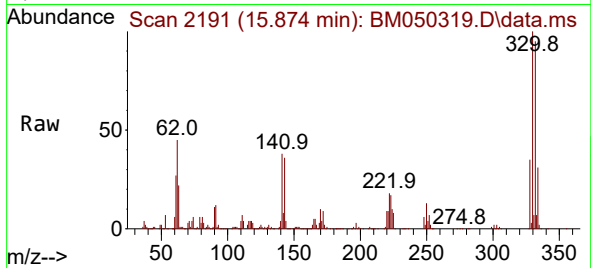




#42
2,4,6-Tribromophenol
Concen: 145.844 ng
RT: 15.874 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050319.D
Acq: 14 Jun 2025 04:19

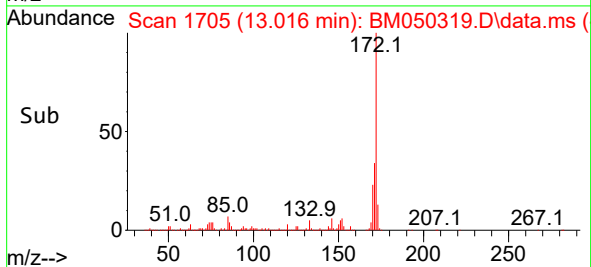
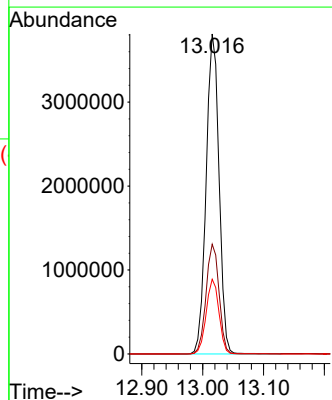
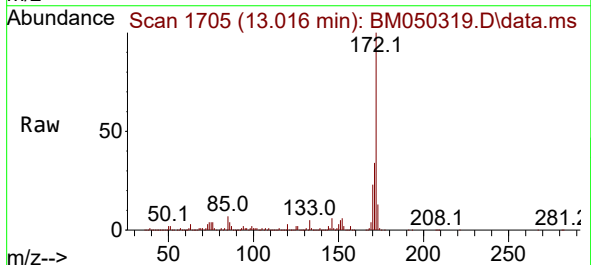
Instrument :
BNA_M
ClientSampleId :
TP-7

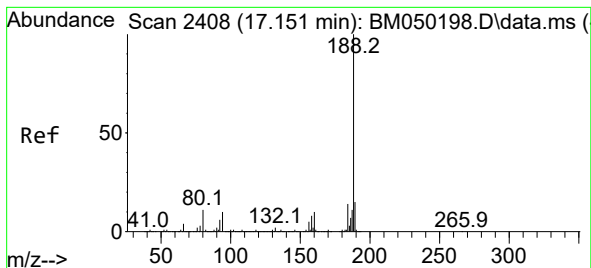
Tgt Ion:330 Resp: 1318491
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 38.3 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 95.610 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050319.D
Acq: 14 Jun 2025 04:19

Tgt Ion:172 Resp: 5612986
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.127 min Scan# 2404

Delta R.T. -0.012 min

Lab File: BM050319.D

Acq: 14 Jun 2025 04:19

Instrument :

BNA_M

ClientSampleId :

TP-7

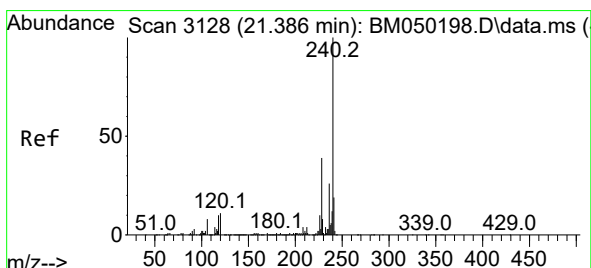
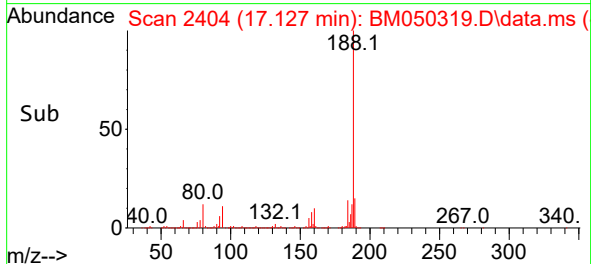
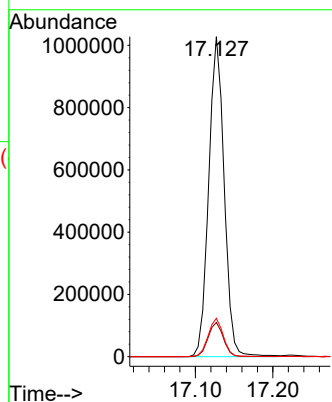
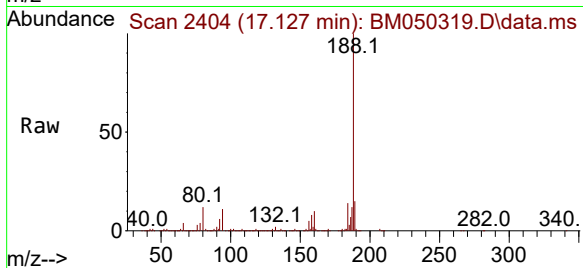
Tgt Ion:188 Resp: 1422200

Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

80 12.0 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.350 min Scan# 3122

Delta R.T. -0.024 min

Lab File: BM050319.D

Acq: 14 Jun 2025 04:19

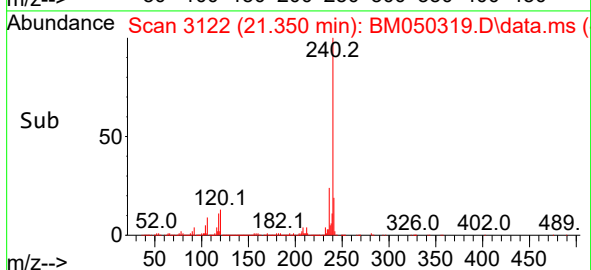
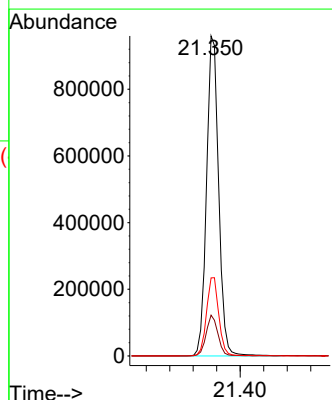
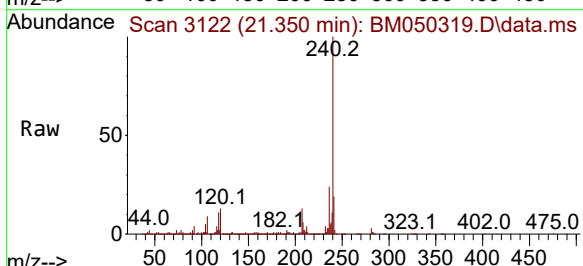
Tgt Ion:240 Resp: 1375883

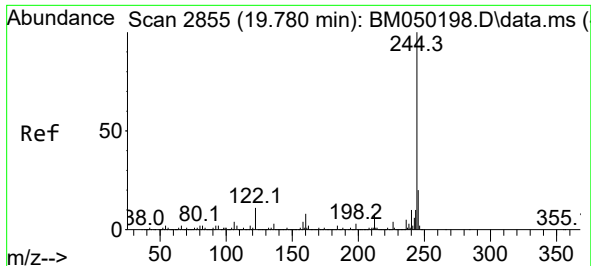
Ion Ratio Lower Upper

240 100

120 12.8 9.0 13.4

236 24.4 20.7 31.1

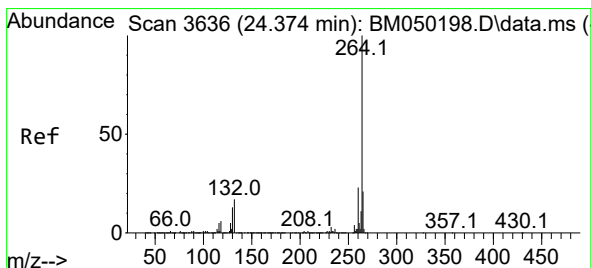
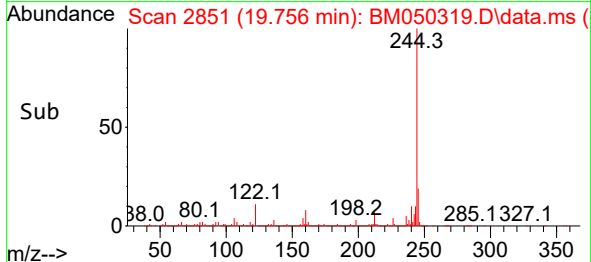
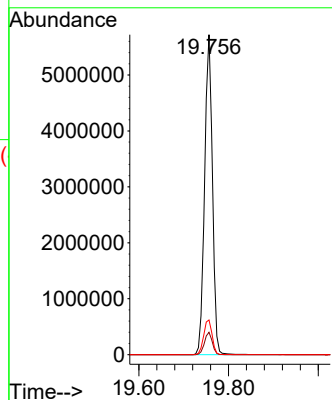
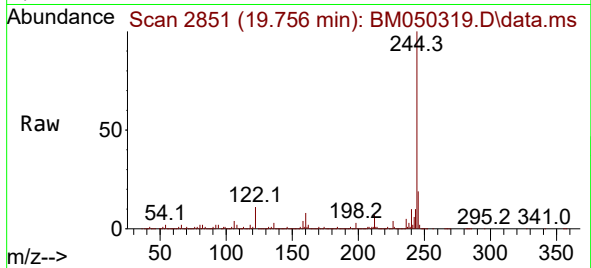




#79
 Terphenyl-d14
 Concen: 95.196 ng
 RT: 19.756 min Scan# 2851
 Delta R.T. -0.012 min
 Lab File: BM050319.D
 Acq: 14 Jun 2025 04:19

Instrument :
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 ClientSampleId :
 TP-7

Tgt Ion:244 Resp: 6911719
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.321 min Scan# 3627
 Delta R.T. -0.024 min
 Lab File: BM050319.D
 Acq: 14 Jun 2025 04:19

Tgt Ion:264 Resp: 1356474
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.6 16.8 25.2

