

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044747.D
 Acq On : 22 Mar 2024 22:40
 Operator : MA/JU
 Sample : P1831-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-032124

Quant Time: Mar 23 00:32:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

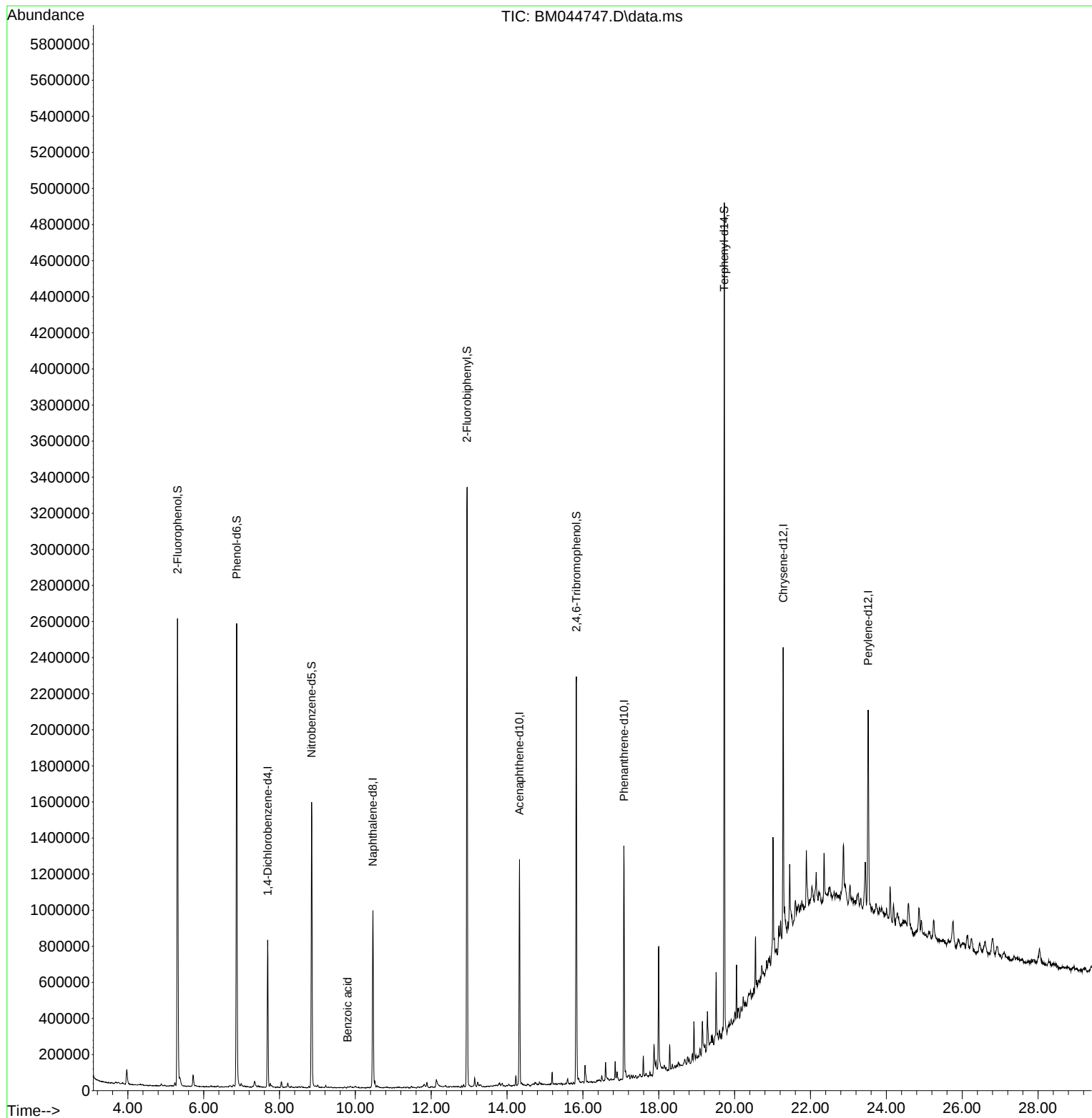
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	218950	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	785403	20.000	ng	-0.02
39) Acenaphthene-d10	14.328	164	406692	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	749802	20.000	ng	-0.02
76) Chrysene-d12	21.280	240	678045	20.000	ng	-0.02
86) Perylene-d12	23.521	264	773418	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	1222856	80.190	ng	0.00
7) Phenol-d6	6.869	99	1485028	75.695	ng	-0.01
23) Nitrobenzene-d5	8.846	82	895014	54.899	ng	-0.02
42) 2,4,6-Tribromophenol	15.828	330	374865	83.570	ng	-0.02
45) 2-Fluorobiphenyl	12.945	172	1690894	57.260	ng	-0.02
79) Terphenyl-d14	19.727	244	2073315	53.491	ng	-0.02
Target Compounds						
32) Benzoic acid	9.793	122	191	3.638	ng	Qvalue # 1

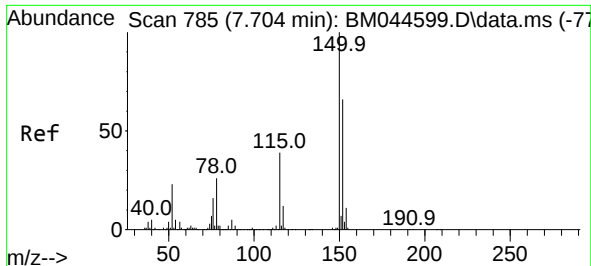
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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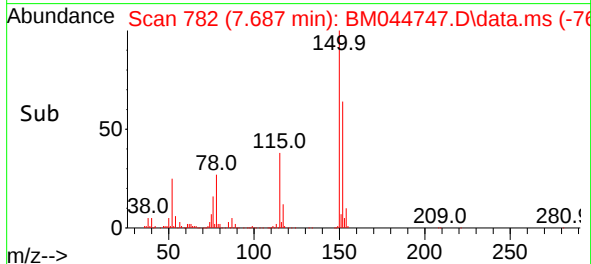
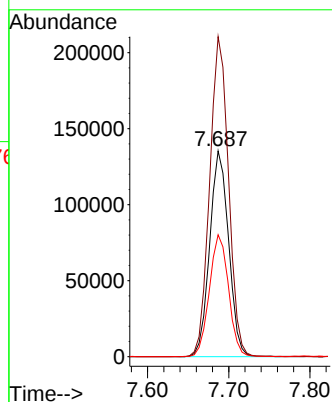
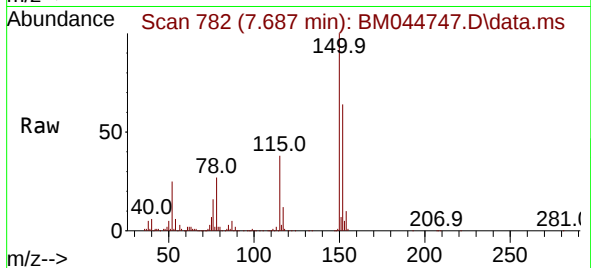




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

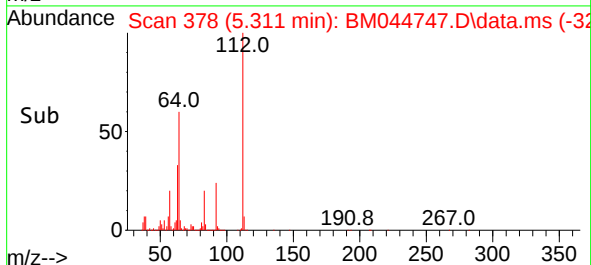
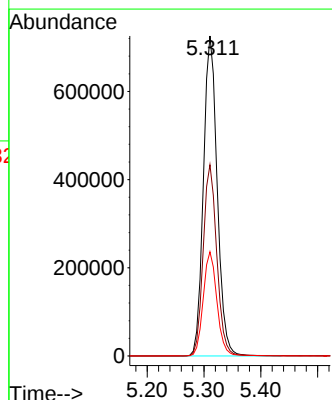
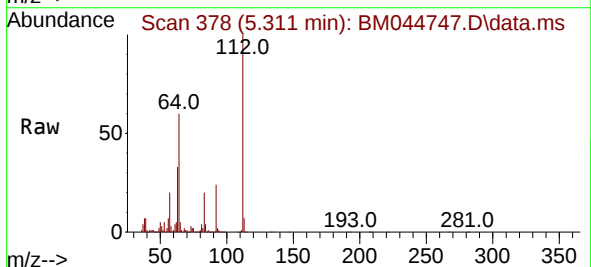
Instrument :
BNA_M
ClientSampleId :
CL-01-032124

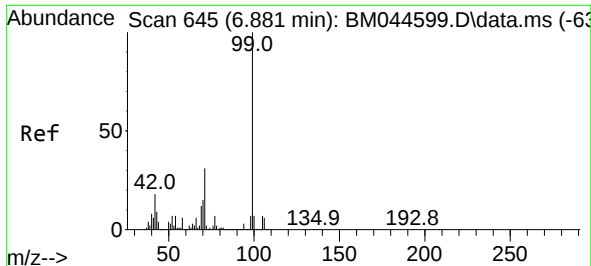
Tgt Ion:152 Resp: 218950
Ion Ratio Lower Upper
152 100
150 155.5 121.9 182.9
115 59.2 47.1 70.7



#5
2-Fluorophenol
Concen: 80.190 ng
RT: 5.311 min Scan# 378
Delta R.T. 0.006 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

Tgt Ion:112 Resp: 1222856
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 32.6 25.0 37.4

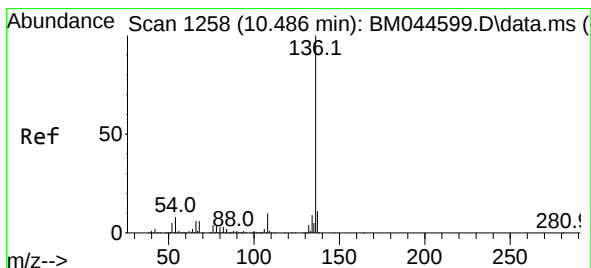
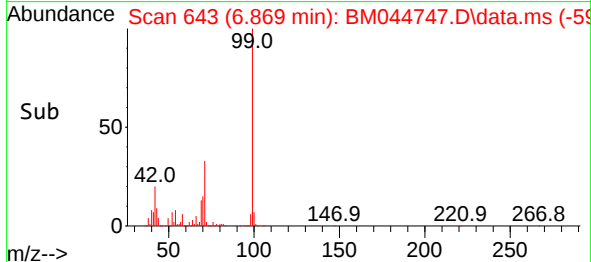
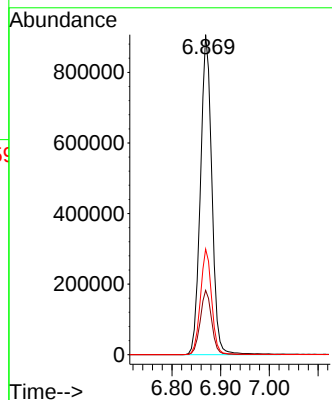
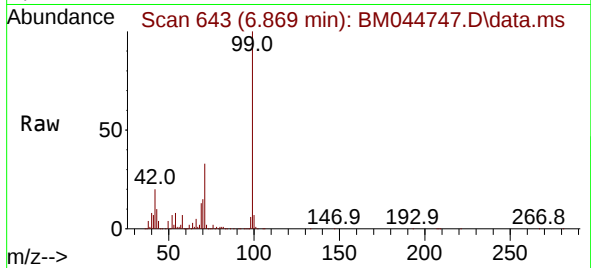




#7
Phenol-d6
Concen: 75.695 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.011 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

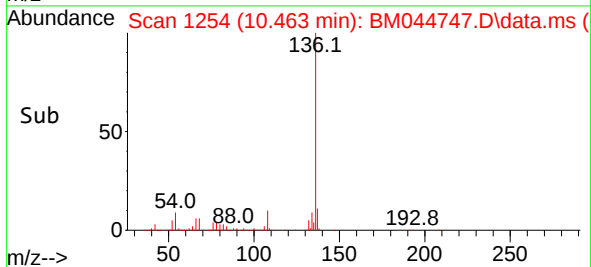
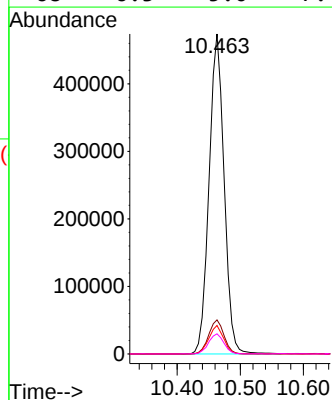
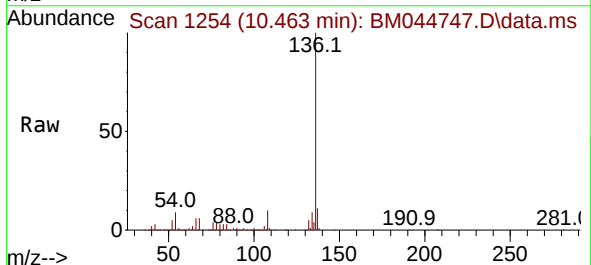
Instrument :
BNA_M
ClientSampleId :
CL-01-032124

Tgt Ion: 99 Resp: 1485028
Ion Ratio Lower Upper
99 100
42 20.1 14.3 21.5
71 33.0 24.5 36.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.023 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

Tgt Ion: 136 Resp: 785403
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.9 6.6 10.0
68 6.3 5.0 7.4

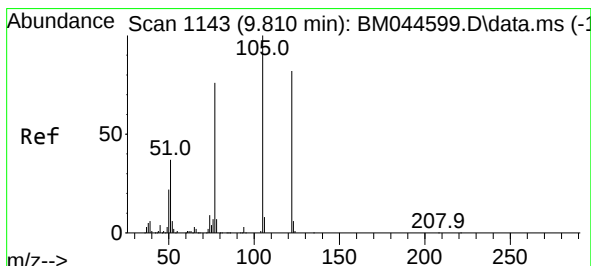
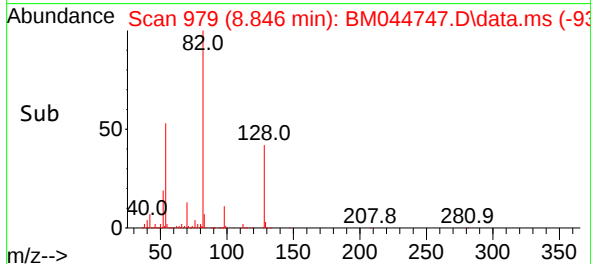
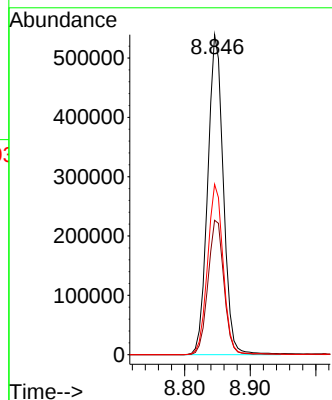
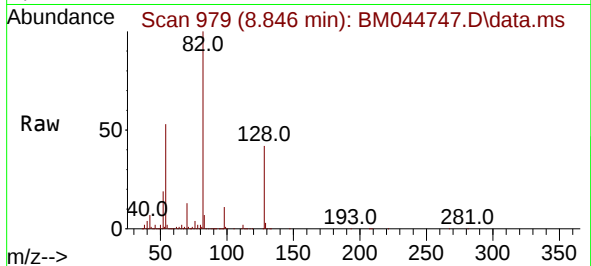




#23
Nitrobenzene-d5
Concen: 54.899 ng
RT: 8.846 min Scan# 91
Delta R.T. -0.017 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

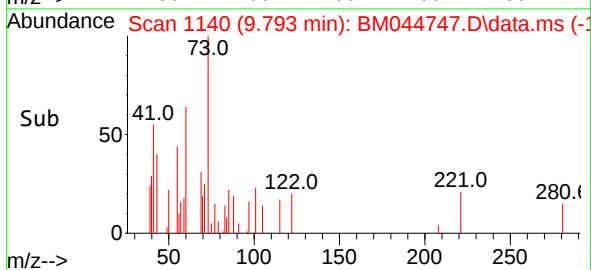
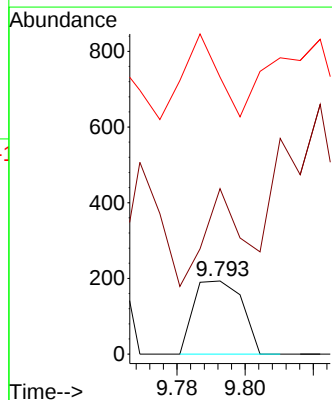
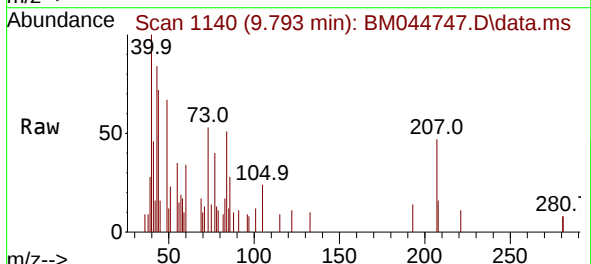
Instrument :
BNA_M
ClientSampleId :
CL-01-032124

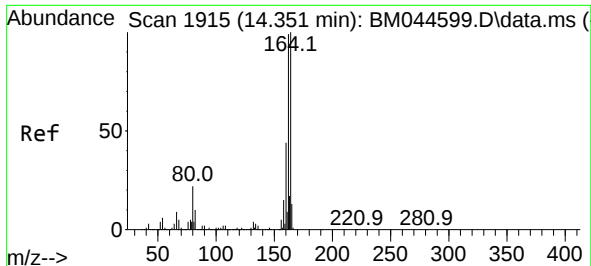
Tgt Ion: 82 Resp: 895014
Ion Ratio Lower Upper
82 100
128 42.0 34.2 51.4
54 53.3 41.3 61.9



#32
Benzoic acid
Concen: 3.638 ng
RT: 9.793 min Scan# 1140
Delta R.T. -0.017 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

Tgt Ion: 122 Resp: 191
Ion Ratio Lower Upper
122 100
105 226.4 100.0 140.0#
77 379.3 72.5 112.5#

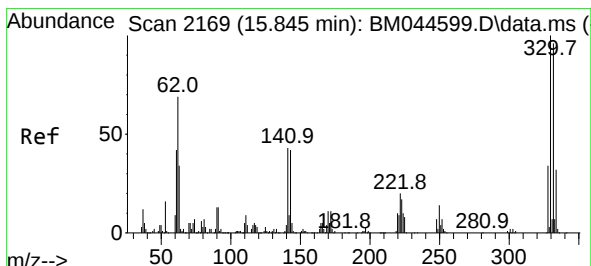
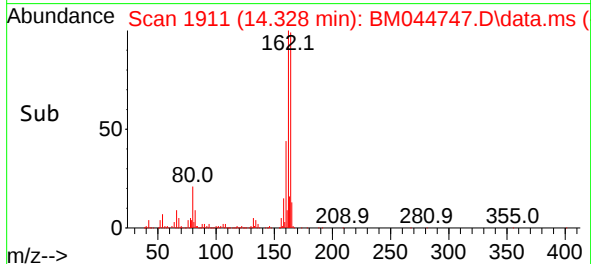
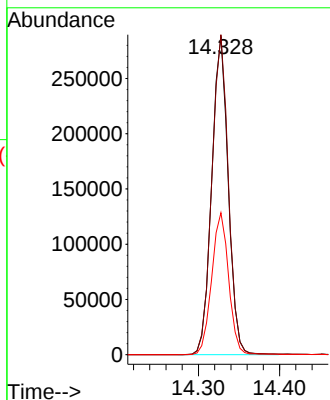
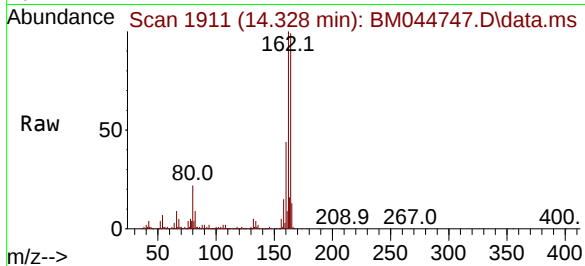




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

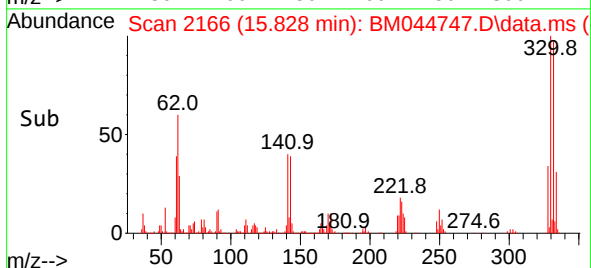
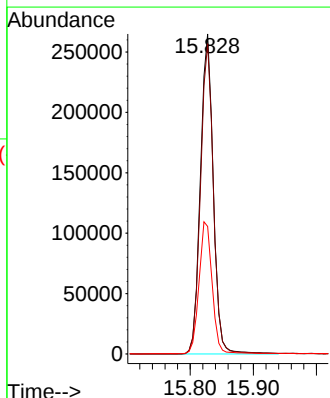
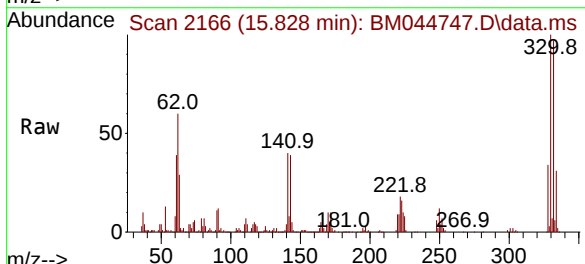
Instrument :
BNA_M
ClientSampleId :
CL-01-032124

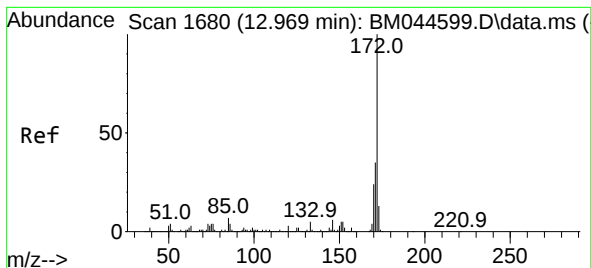
Tgt Ion:164 Resp: 406692
Ion Ratio Lower Upper
164 100
162 100.5 79.3 118.9
160 44.6 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 83.570 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.017 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

Tgt Ion:330 Resp: 374865
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 41.8 33.4 50.0





#45

2-Fluorobiphenyl

Concen: 57.260 ng

RT: 12.945 min Scan# 1

Delta R.T. -0.023 min

Lab File: BM044747.D

Acq: 22 Mar 2024 22:40

Instrument :

BNA_M

ClientSampleId :

CL-01-032124

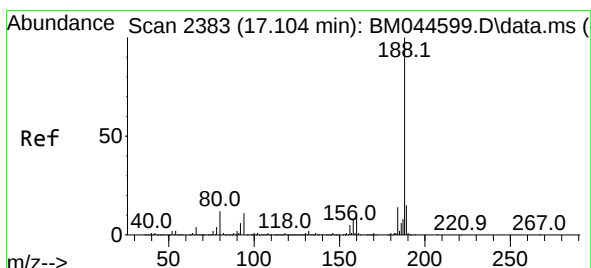
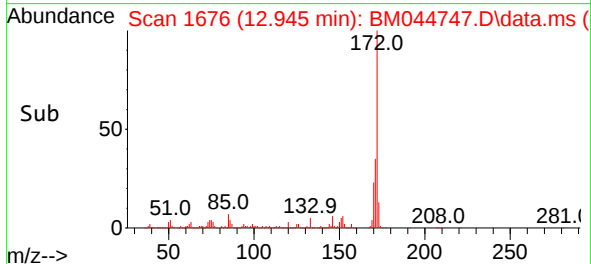
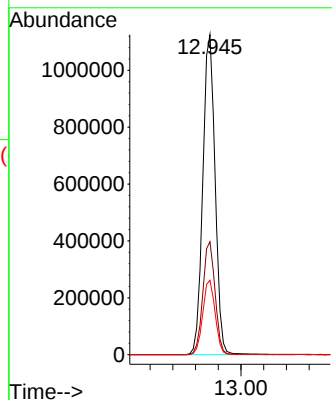
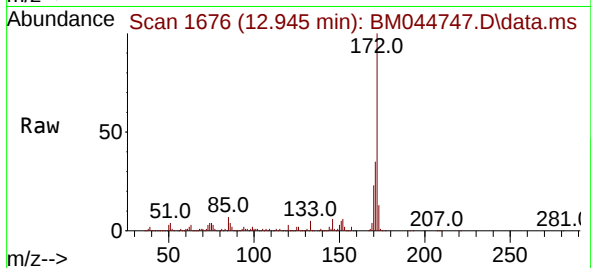
Tgt Ion:172 Resp: 1690894

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.3 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.080 min Scan# 2379

Delta R.T. -0.023 min

Lab File: BM044747.D

Acq: 22 Mar 2024 22:40

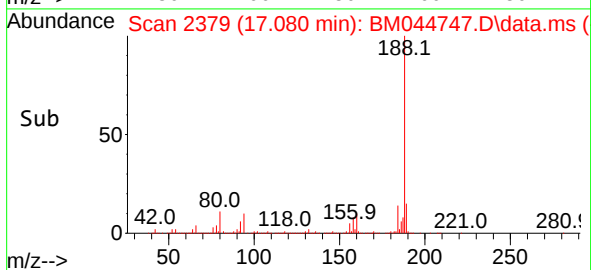
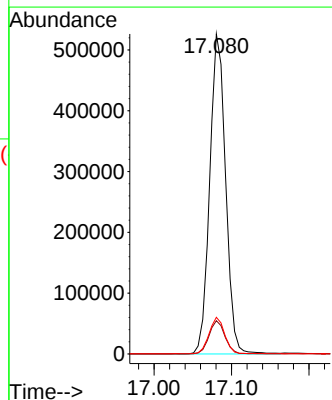
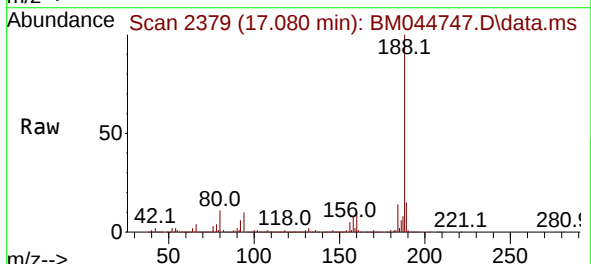
Tgt Ion:188 Resp: 749802

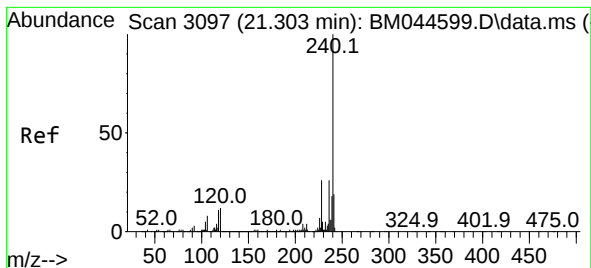
Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

80 11.4 9.4 14.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.280 min Scan# 3093

Delta R.T. -0.023 min

Lab File: BM044747.D

Acq: 22 Mar 2024 22:40

Instrument :

BNA_M

ClientSampleId :

CL-01-032124

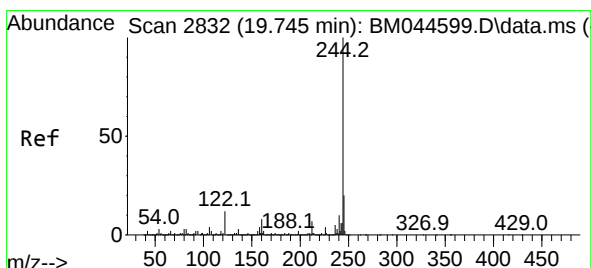
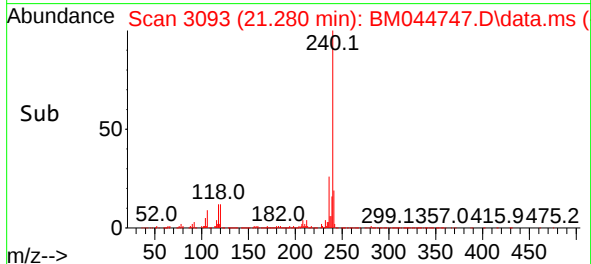
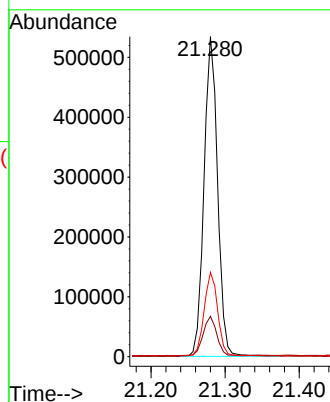
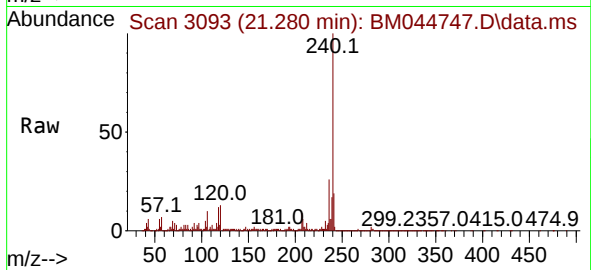
Tgt Ion:240 Resp: 678045

Ion Ratio Lower Upper

240 100

120 12.6 9.7 14.5

236 26.4 21.0 31.4



#79

Terphenyl-d14

Concen: 53.491 ng

RT: 19.727 min Scan# 2829

Delta R.T. -0.017 min

Lab File: BM044747.D

Acq: 22 Mar 2024 22:40

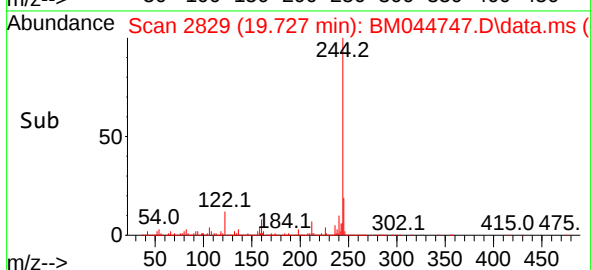
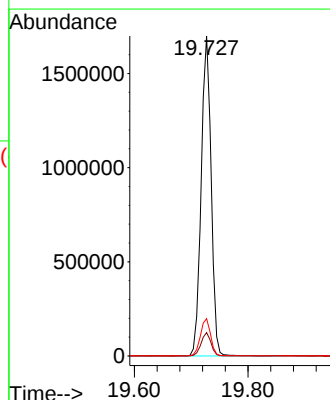
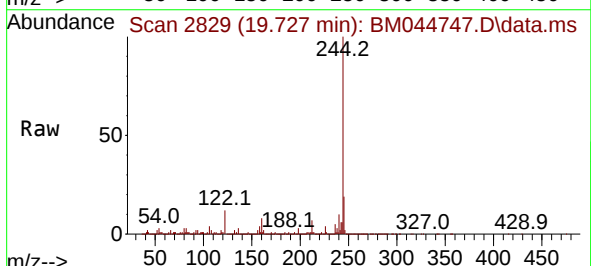
Tgt Ion:244 Resp: 2073315

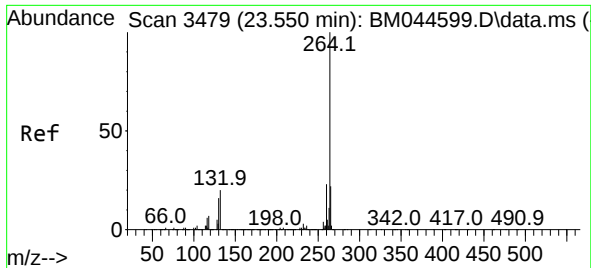
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 11.7 9.7 14.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 34
Delta R.T. -0.029 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

Instrument :
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Tgt Ion:264 Resp: 773418
Ion Ratio Lower Upper
264 100
260 23.5 18.3 27.5
265 21.6 17.5 26.3

