

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

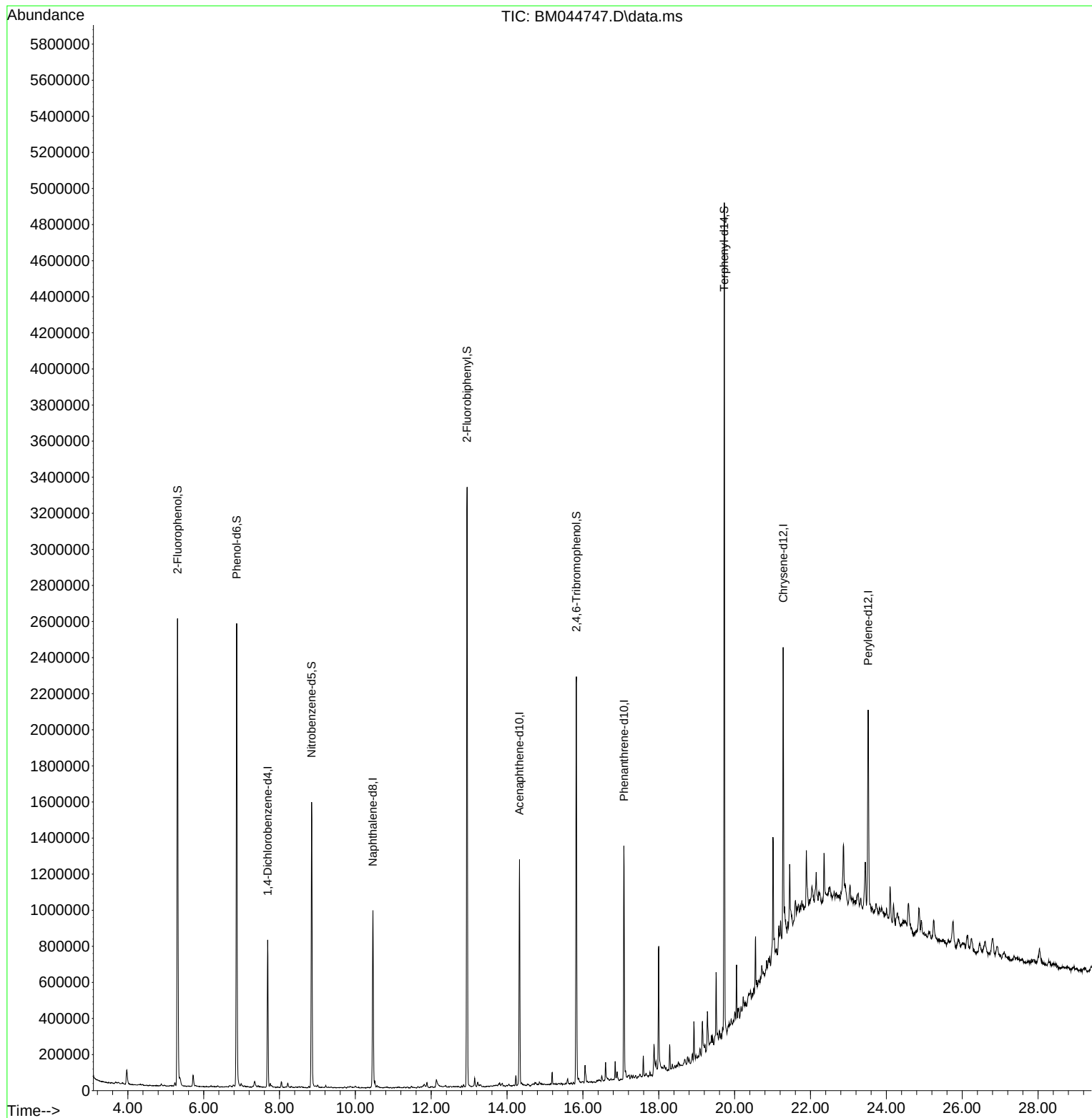
Target Compounds	Qvalue

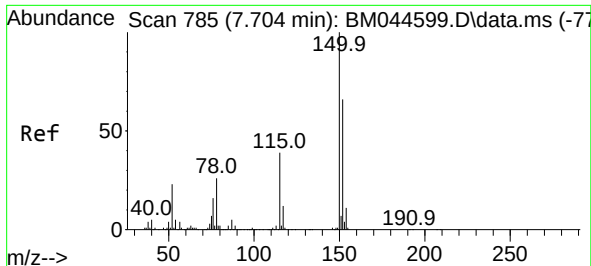
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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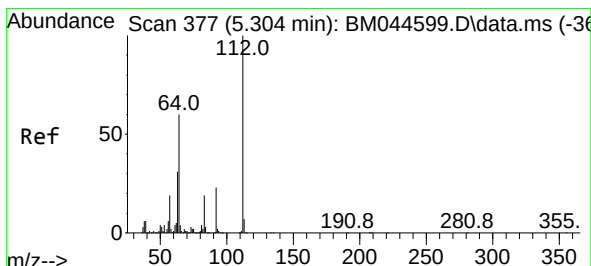
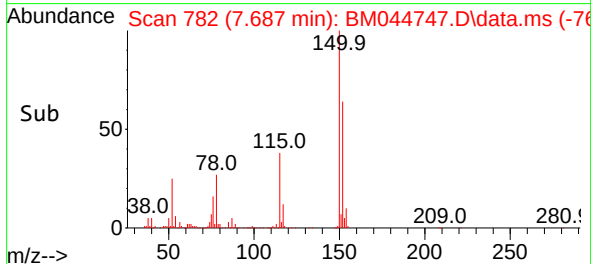
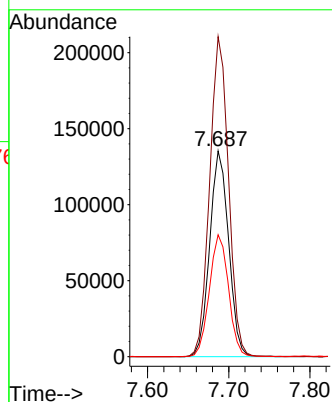
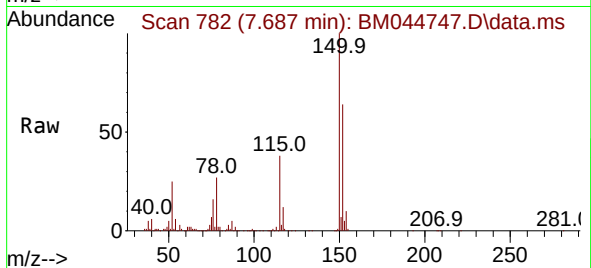




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.687 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BM044747.D
 Acq: 22 Mar 2024 22:40

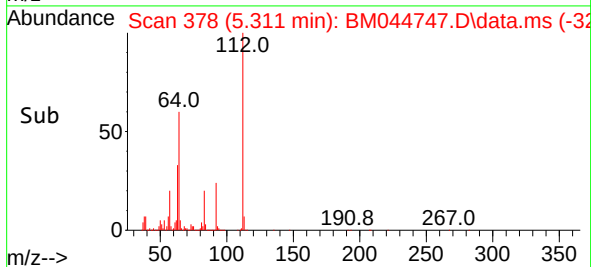
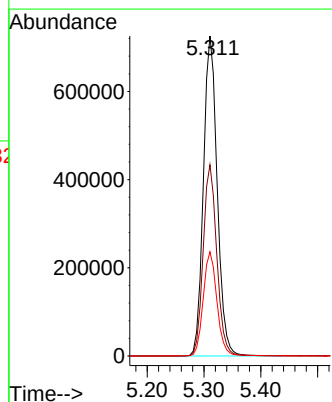
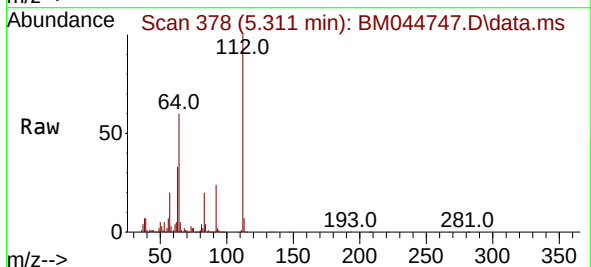
Instrument :
 BNA_M
 ClientSampleId :
 CL-01-032124

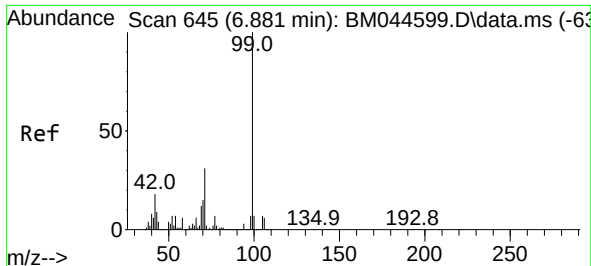
Tgt Ion:152 Resp: 218950
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.9 182.9
 115 59.2 47.1 70.7



#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

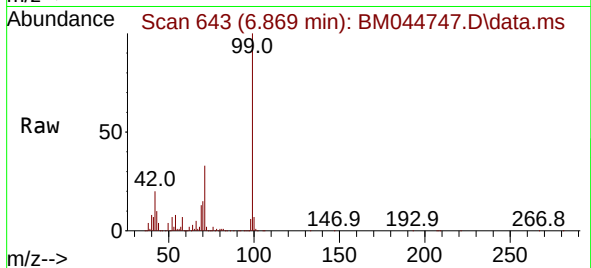
Tgt Ion:112 Resp: 1222856
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.9 71.9
 63 32.6 25.0 37.4





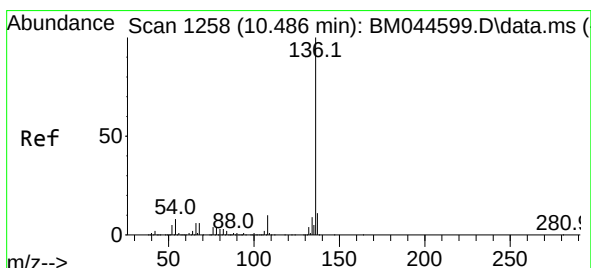
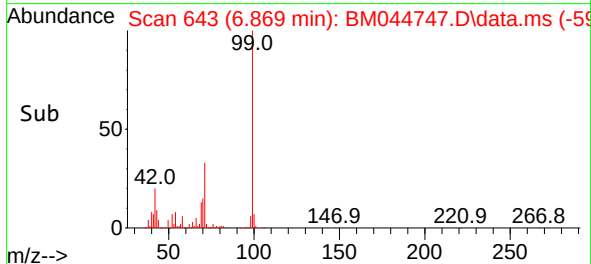
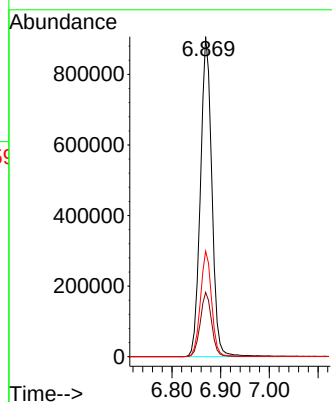
#7
Phenol-d6
Concen: 75.695 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.011 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

Instrument :
BNA_M
ClientSampleId :
CL-01-032124



Tgt Ion: 99 Resp: 1485028

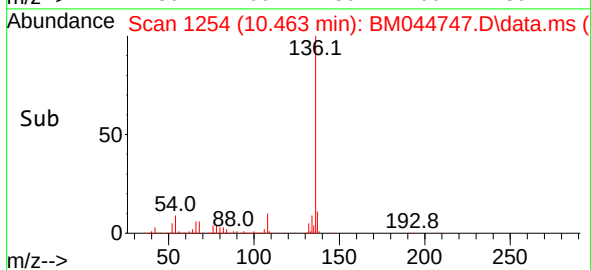
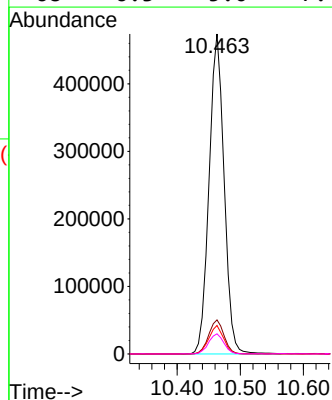
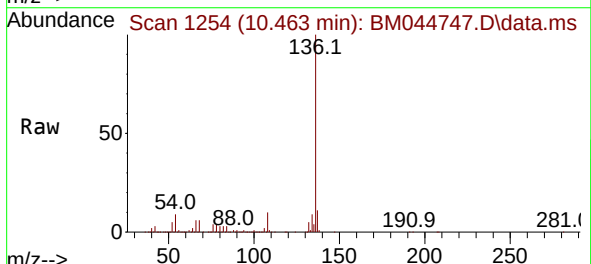
Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.3	21.5
71	33.0	24.5	36.7

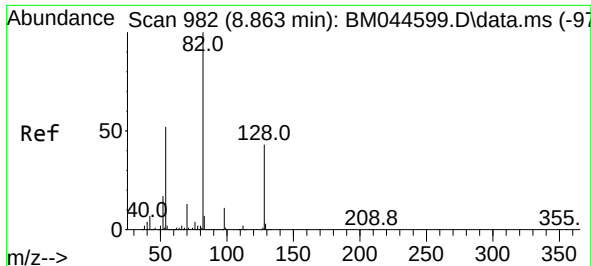


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.023 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

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

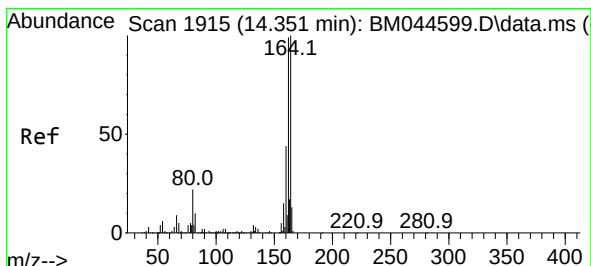
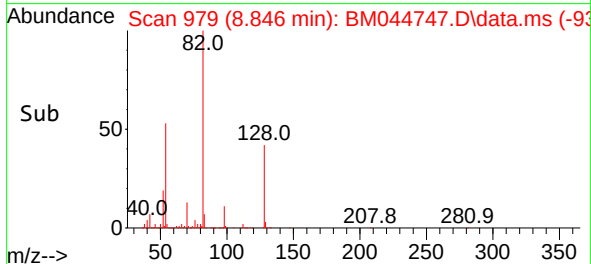
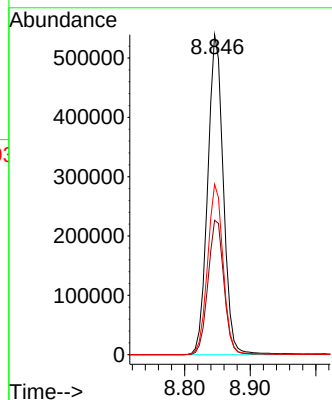
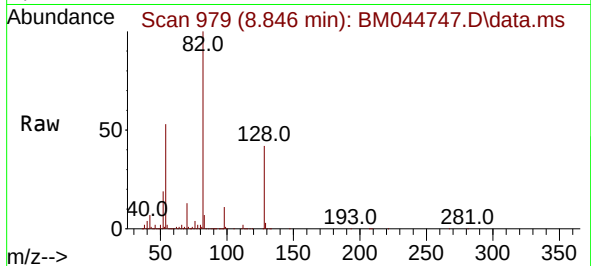




#23
Nitrobenzene-d5
Concen: 54.899 ng
RT: 8.846 min Scan# 911
Delta R.T. -0.017 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

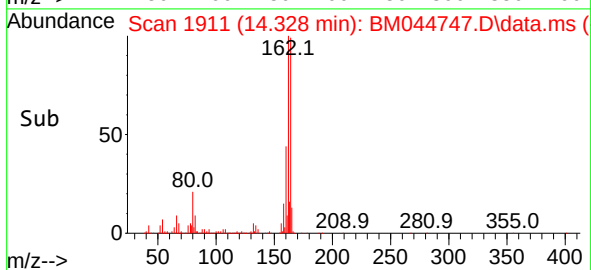
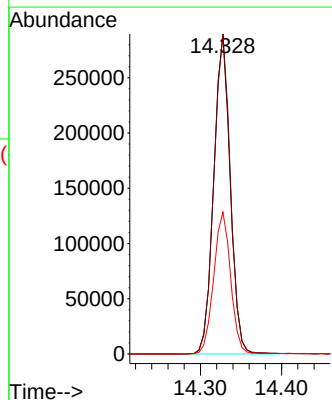
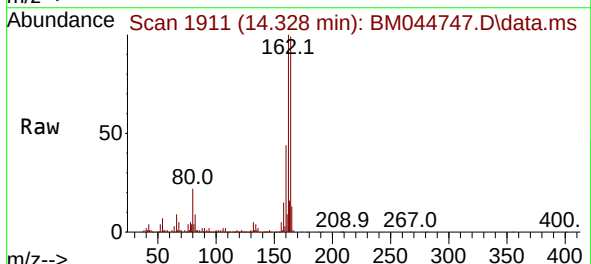
Instrument :
BNA_M
ClientSampleId :
CL-01-032124

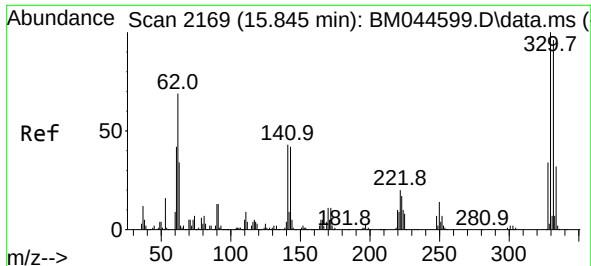
Tgt Ion: 82 Resp: 895014
Ion Ratio Lower Upper
82 100
128 42.0 34.2 51.4
54 53.3 41.3 61.9



#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

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

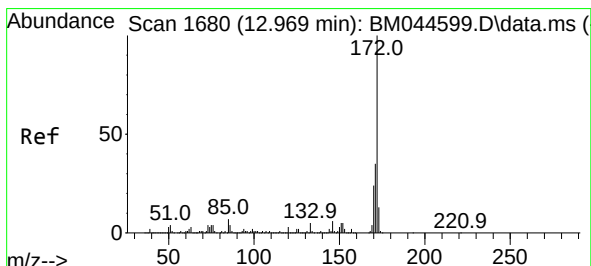
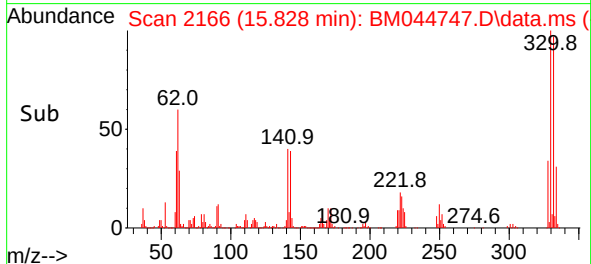
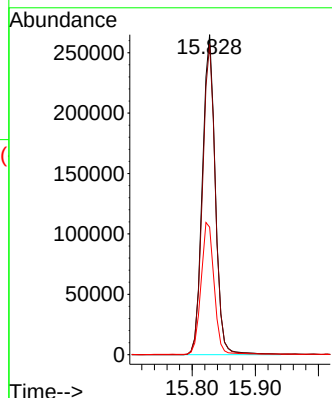
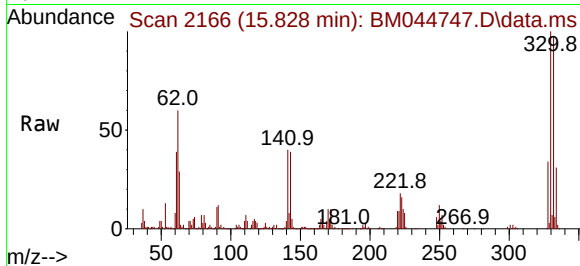




#42
2,4,6-Tribromophenol
Concen: 83.570 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.017 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

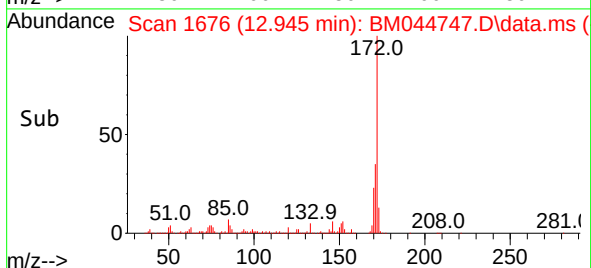
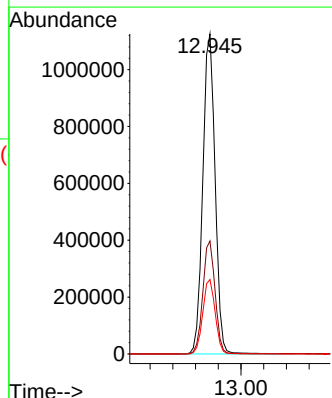
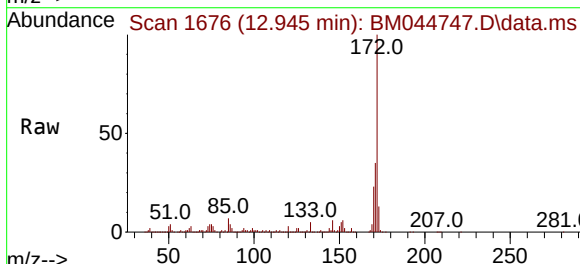
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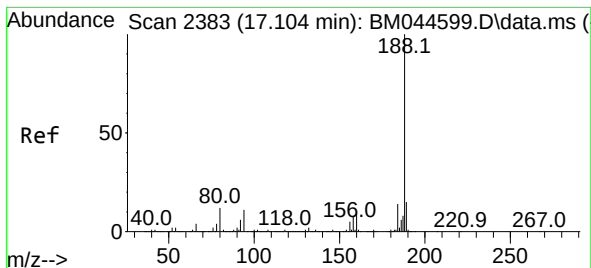
Tgt Ion:330 Resp: 374865
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 41.8 33.4 50.0



#45
2-Fluorobiphenyl
Concen: 57.260 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.023 min
Lab File: BM044747.D
Acq: 22 Mar 2024 22:40

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# 21

Delta R.T. -0.023 min

Lab File: BM044747.D

Acq: 22 Mar 2024 22:40

Instrument :

BNA_M

ClientSampleId :

CL-01-032124

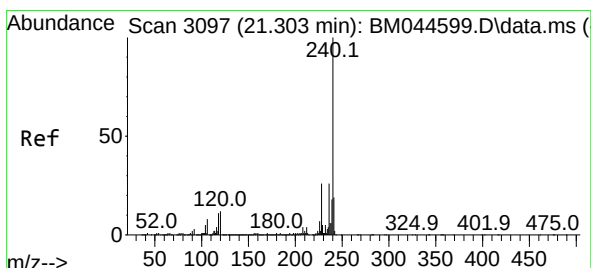
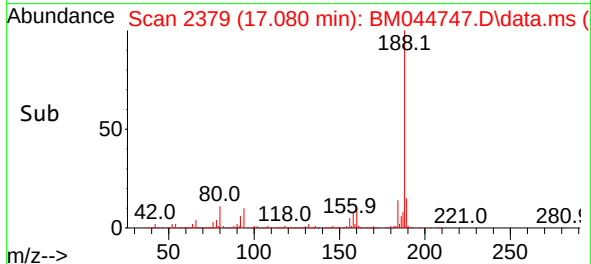
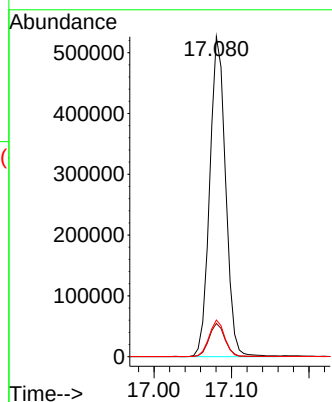
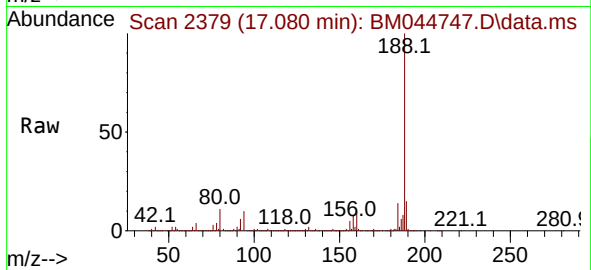
Tgt Ion:188 Resp: 749802

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

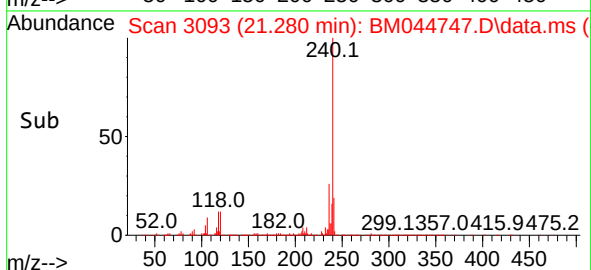
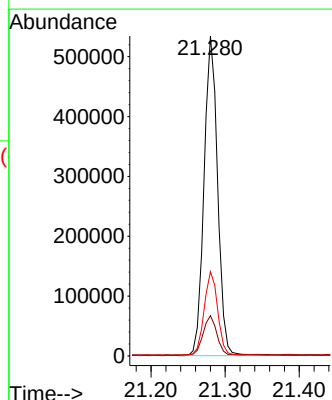
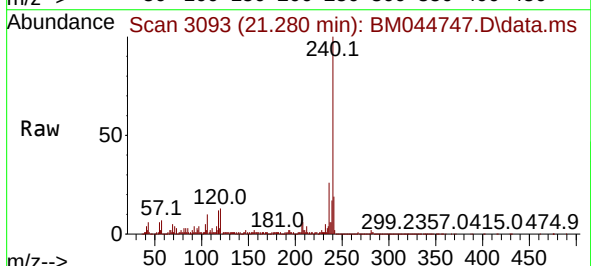
Tgt Ion:240 Resp: 678045

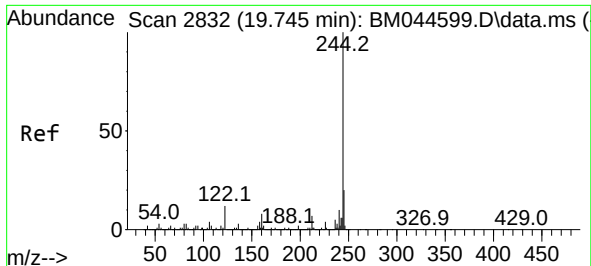
Ion Ratio Lower Upper

240 100

120 12.6 9.7 14.5

236 26.4 21.0 31.4

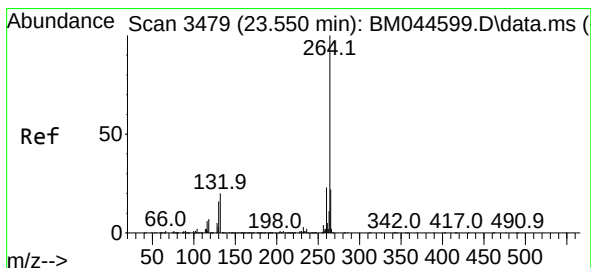
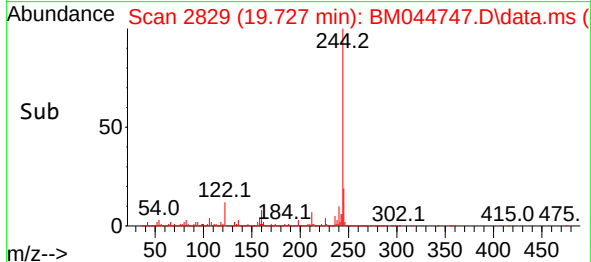
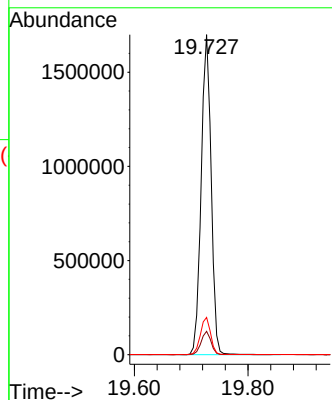
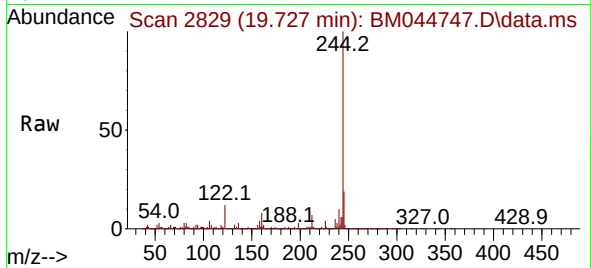




#79
 Terphenyl-d14
 Concen: 53.491 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BM044747.D
 Acq: 22 Mar 2024 22:40

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-032124

Tgt Ion: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# 3474
 Delta R.T. -0.029 min
 Lab File: BM044747.D
 Acq: 22 Mar 2024 22:40

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

