

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
 Data File : BM035159.D
 Acq On : 19 May 2022 19:09
 Operator : CG/JU
 Sample : N2914-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1

Quant Time: May 20 04:56:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	156575	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	607177	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	369930	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	736639	20.000	ng	0.00
76) Chrysene-d12	21.468	240	738153	20.000	ng	0.00
86) Perylene-d12	23.856	264	802408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	966892	108.945	ng	0.00
7) Phenol-d6	7.075	99	1212515	105.830	ng	0.00
23) Nitrobenzene-d5	9.063	82	798058	70.978	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	443484	110.207	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1712320	67.195	ng	0.00
79) Terphenyl-d14	19.915	244	2577705	67.614	ng	0.00

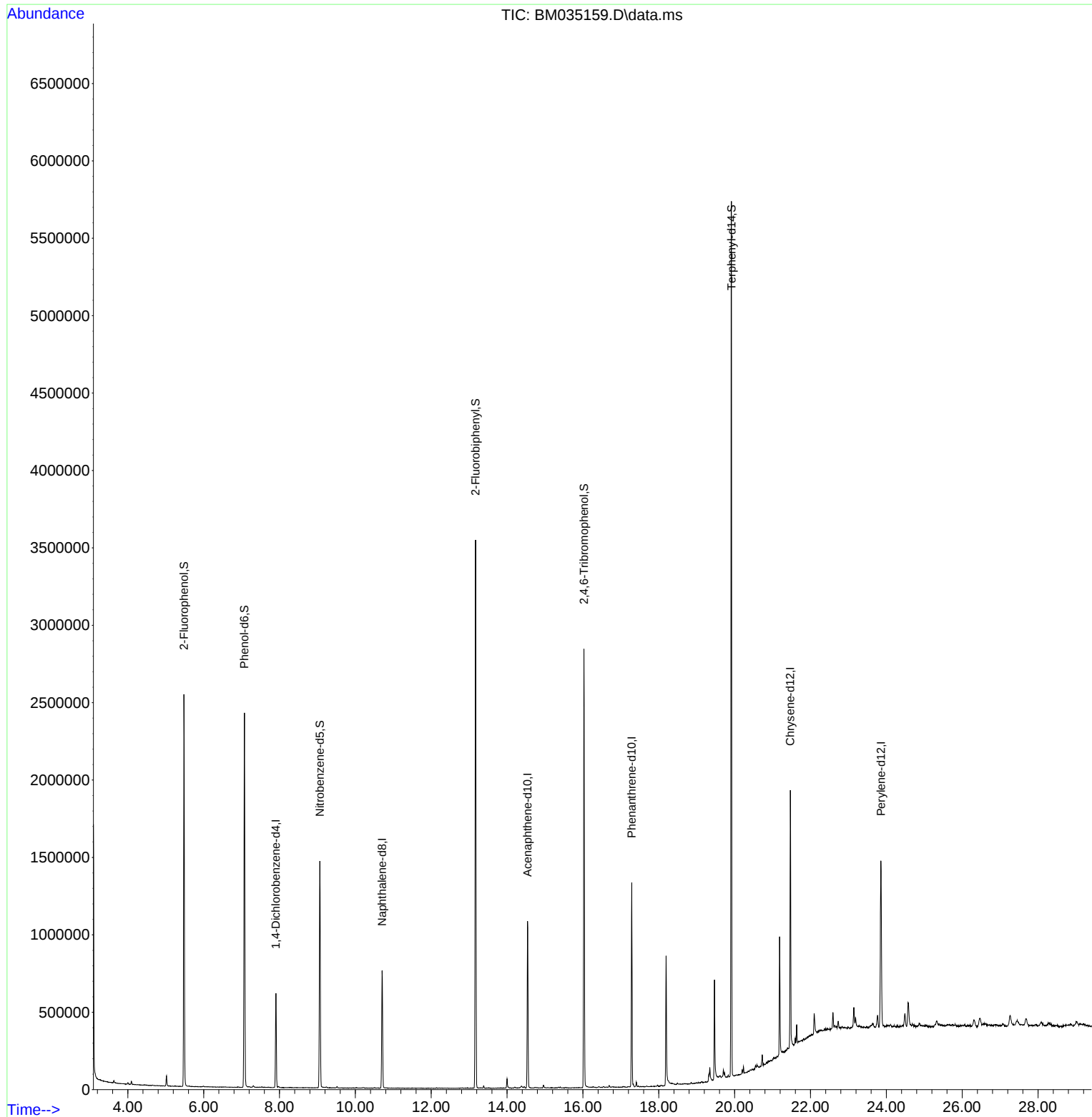
Target Compounds	Qvalue

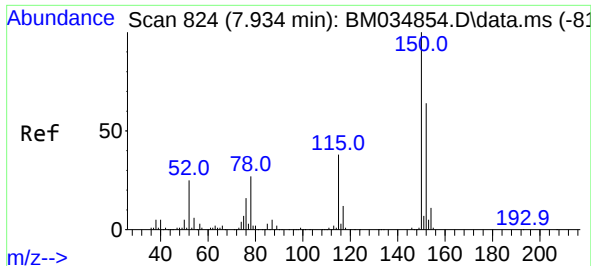
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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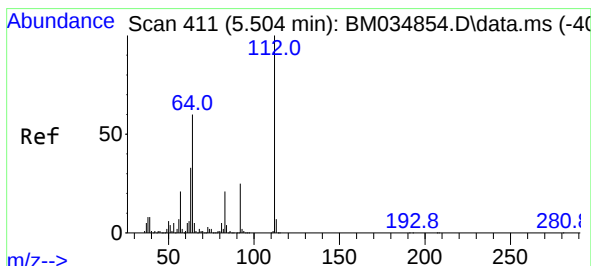
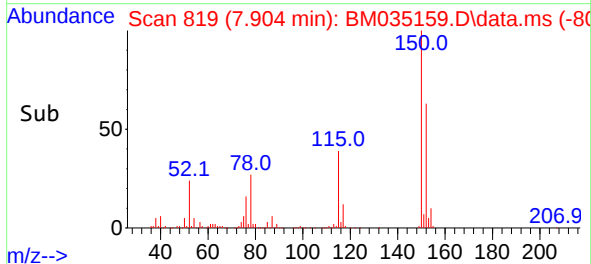
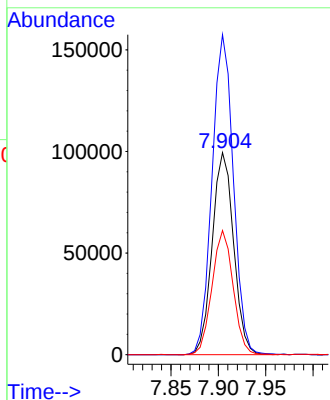
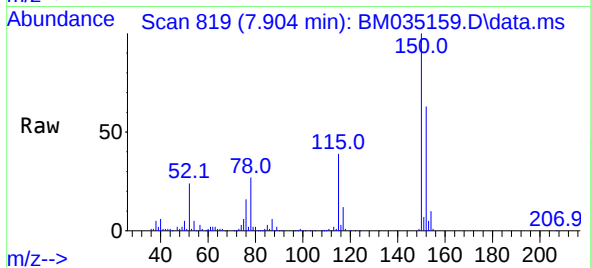




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

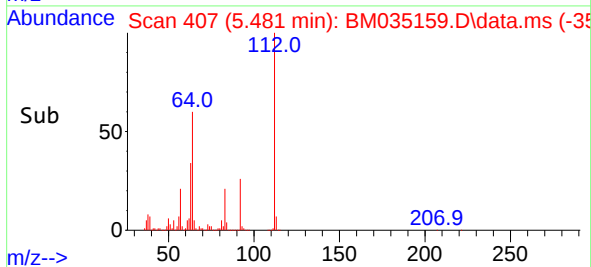
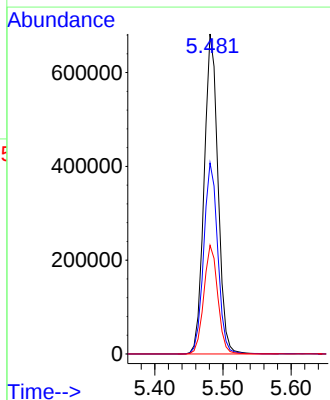
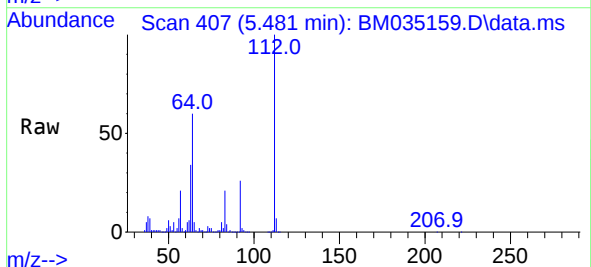
Instrument :
BNA_M
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 156575
Ion Ratio Lower Upper
152 100
150 158.4 124.9 187.3
115 61.4 47.9 71.9



#5
2-Fluorophenol
Concen: 108.945 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Tgt Ion:112 Resp: 966892
Ion Ratio Lower Upper
112 100
64 59.7 47.8 71.6
63 34.0 26.6 40.0



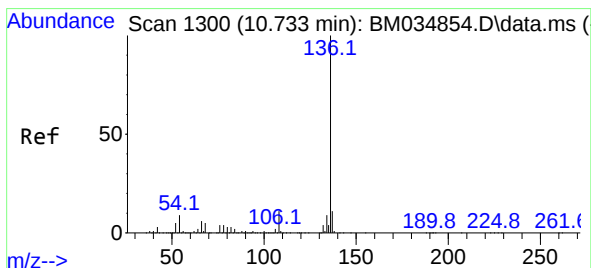
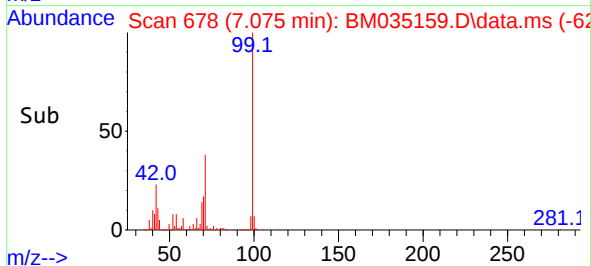
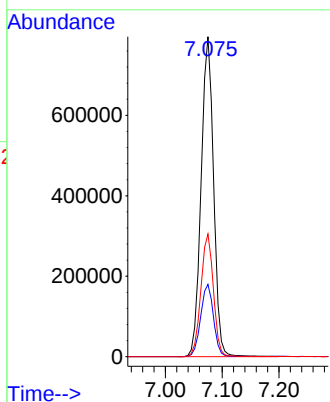
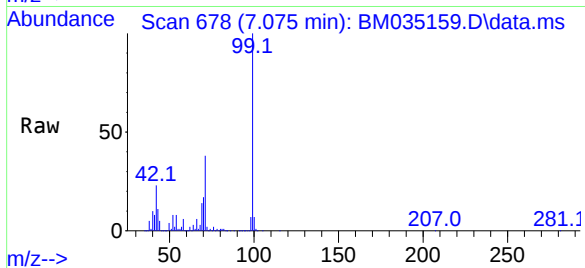


#7
Phenol-d6
Concen: 105.830 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Instrument :
BNA_M
ClientSampleId :
SP-1

Tgt Ion: 99 Resp: 1212515

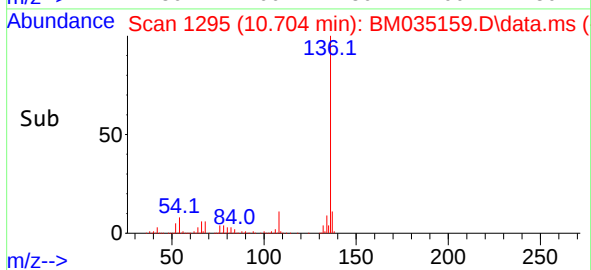
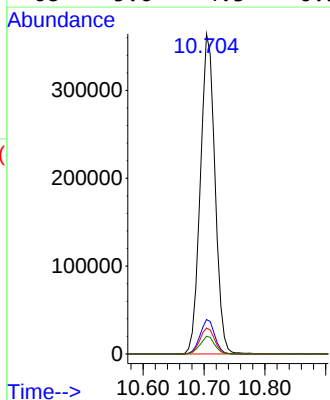
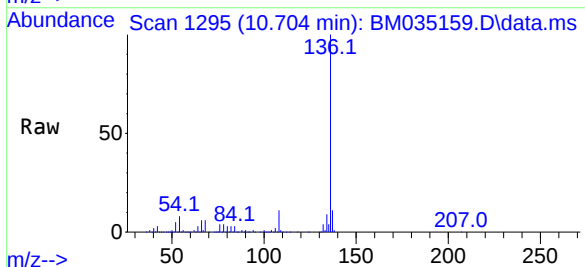
Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.8	28.2
71	38.3	30.2	45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Tgt Ion: 136 Resp: 607177

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.1	7.0	10.4
68	5.6	4.3	6.5

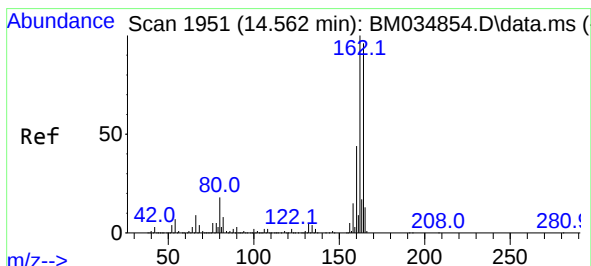
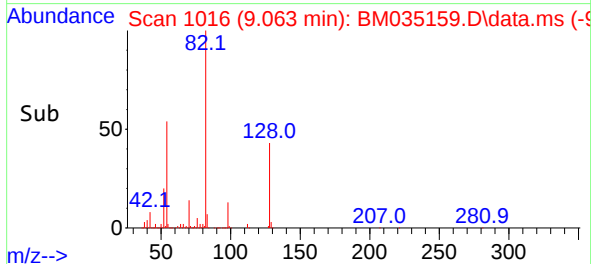
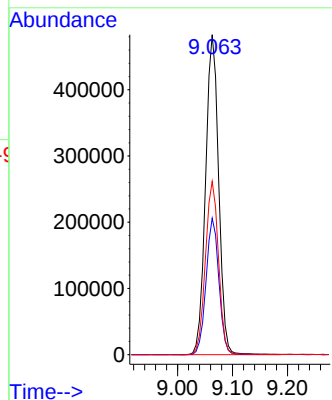
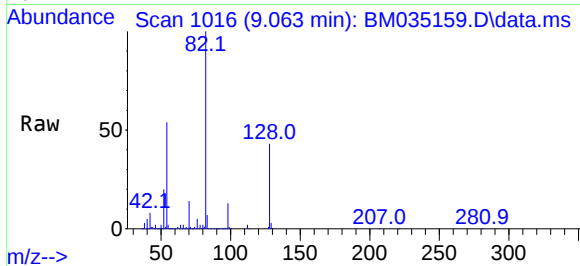




#23
Nitrobenzene-d5
Concen: 70.978 ng
RT: 9.063 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

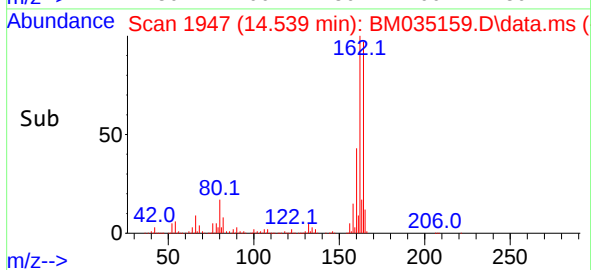
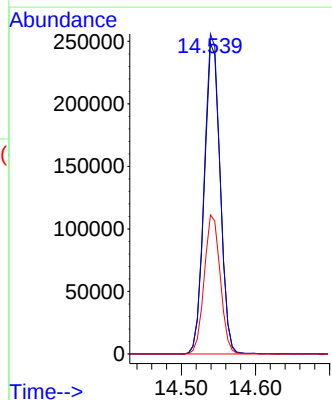
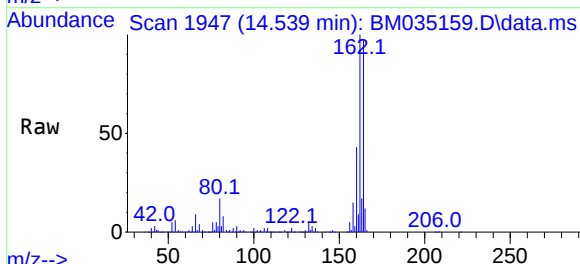
Instrument :
BNA_M
ClientSampleId :
SP-1

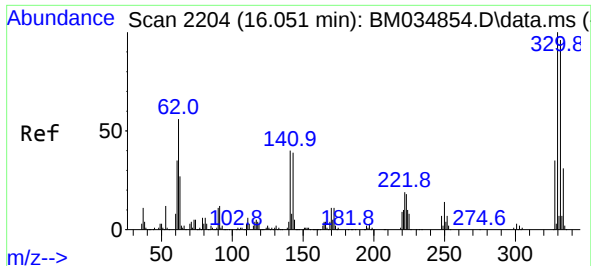
Tgt Ion: 82 Resp: 798058
Ion Ratio Lower Upper
82 100
128 42.6 33.7 50.5
54 54.2 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Tgt Ion:164 Resp: 369930
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.6
160 44.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 110.207 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035159.D

Acq: 19 May 2022 19:09

Instrument :

BNA_M

ClientSampleId :

SP-1

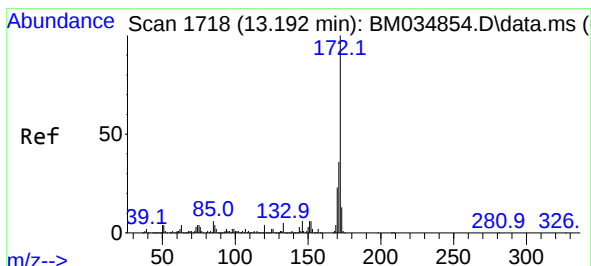
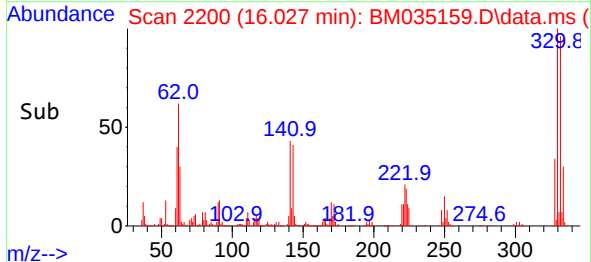
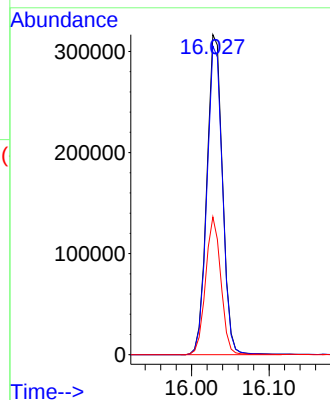
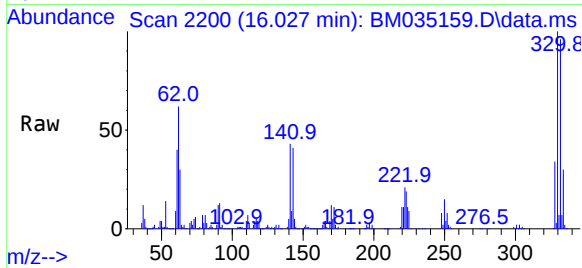
Tgt Ion:330 Resp: 443484

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 42.1 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 67.195 ng

RT: 13.169 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BM035159.D

Acq: 19 May 2022 19:09

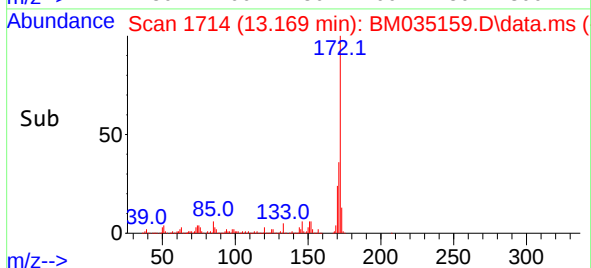
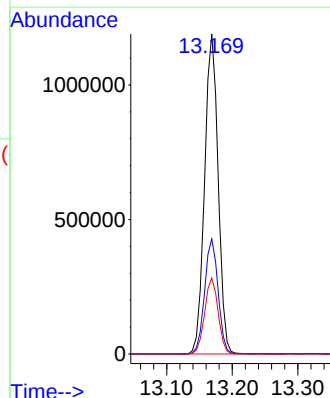
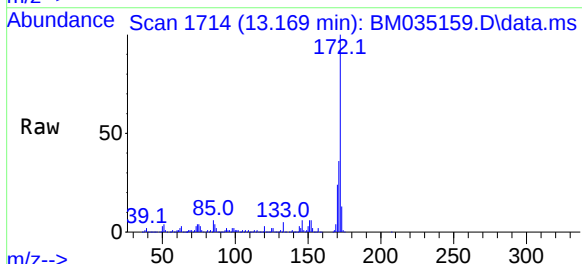
Tgt Ion:172 Resp: 1712320

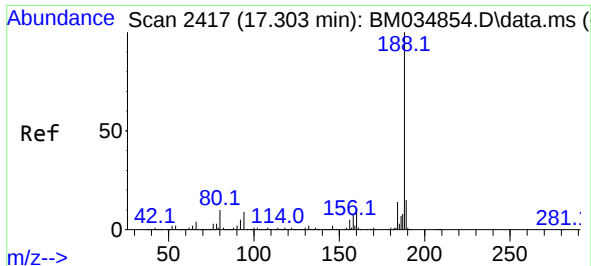
Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 23.8 18.7 28.1

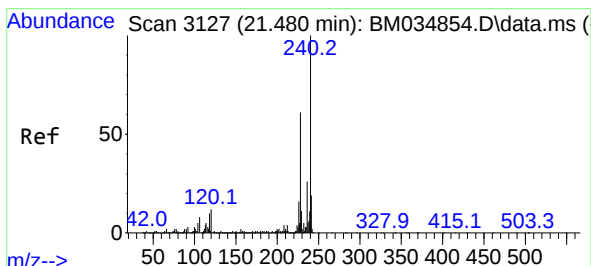
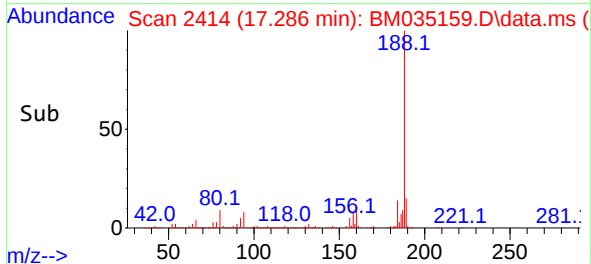
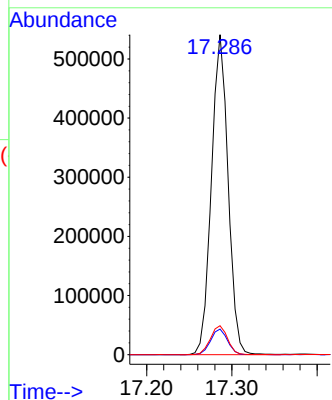
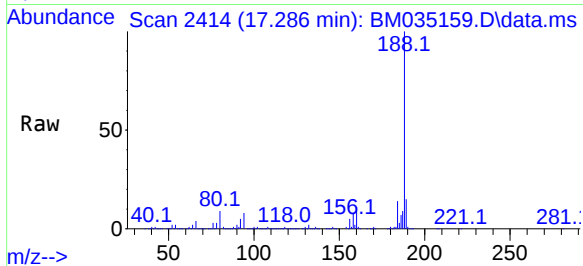




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

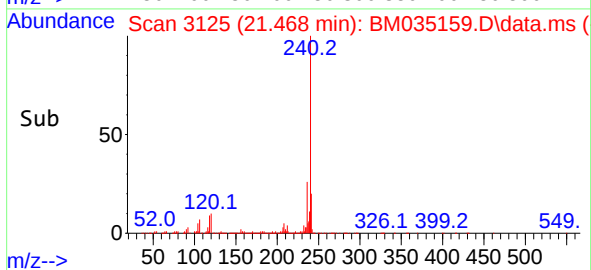
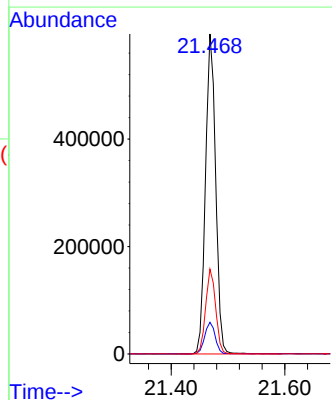
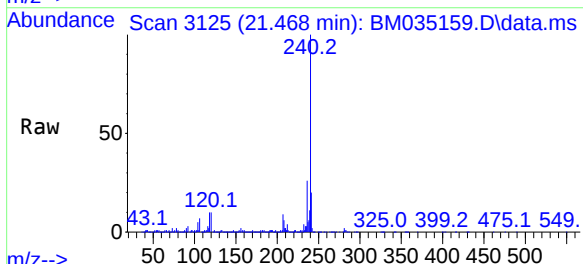
Instrument :
BNA_M
ClientSampleId :
SP-1

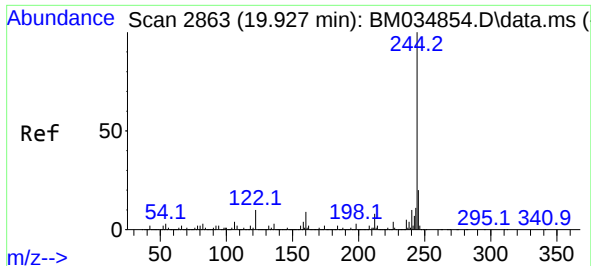
Tgt Ion:188 Resp: 736639
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Tgt Ion:240 Resp: 738153
Ion Ratio Lower Upper
240 100
120 9.9 9.4 14.0
236 26.5 20.6 30.8

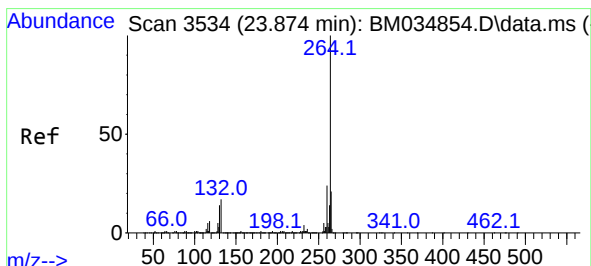
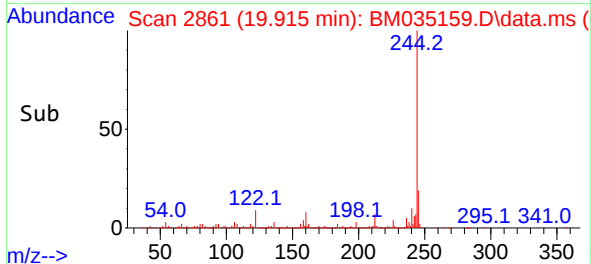
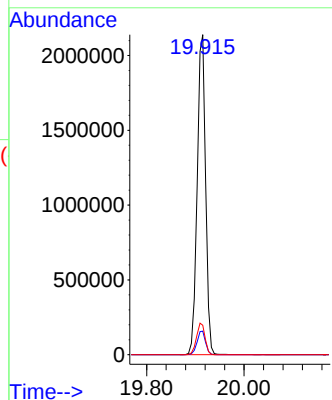
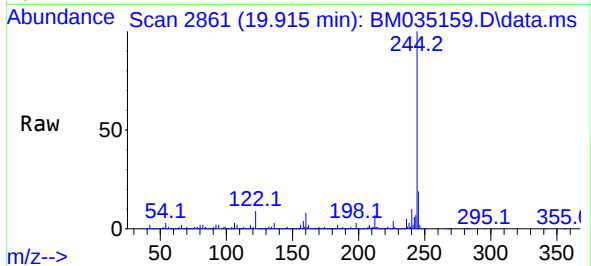




#79
 Terphenyl-d14
 Concen: 67.614 ng
 RT: 19.915 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035159.D
 Acq: 19 May 2022 19:09

Instrument :
 BNA_M
 ClientSampleId :
 SP-1

Tgt Ion:244 Resp: 2577705
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 9.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.856 min Scan# 3531
 Delta R.T. 0.000 min
 Lab File: BM035159.D
 Acq: 19 May 2022 19:09

Tgt Ion:264 Resp: 802408
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 22.1 17.5 26.3

