

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
 Data File : BM035802.D
 Acq On : 13 Jul 2022 20:02
 Operator : CG/JU
 Sample : N3662-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220498B-SIM/C4B-COMPOSITE

Quant Time: Jul 14 01:48:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

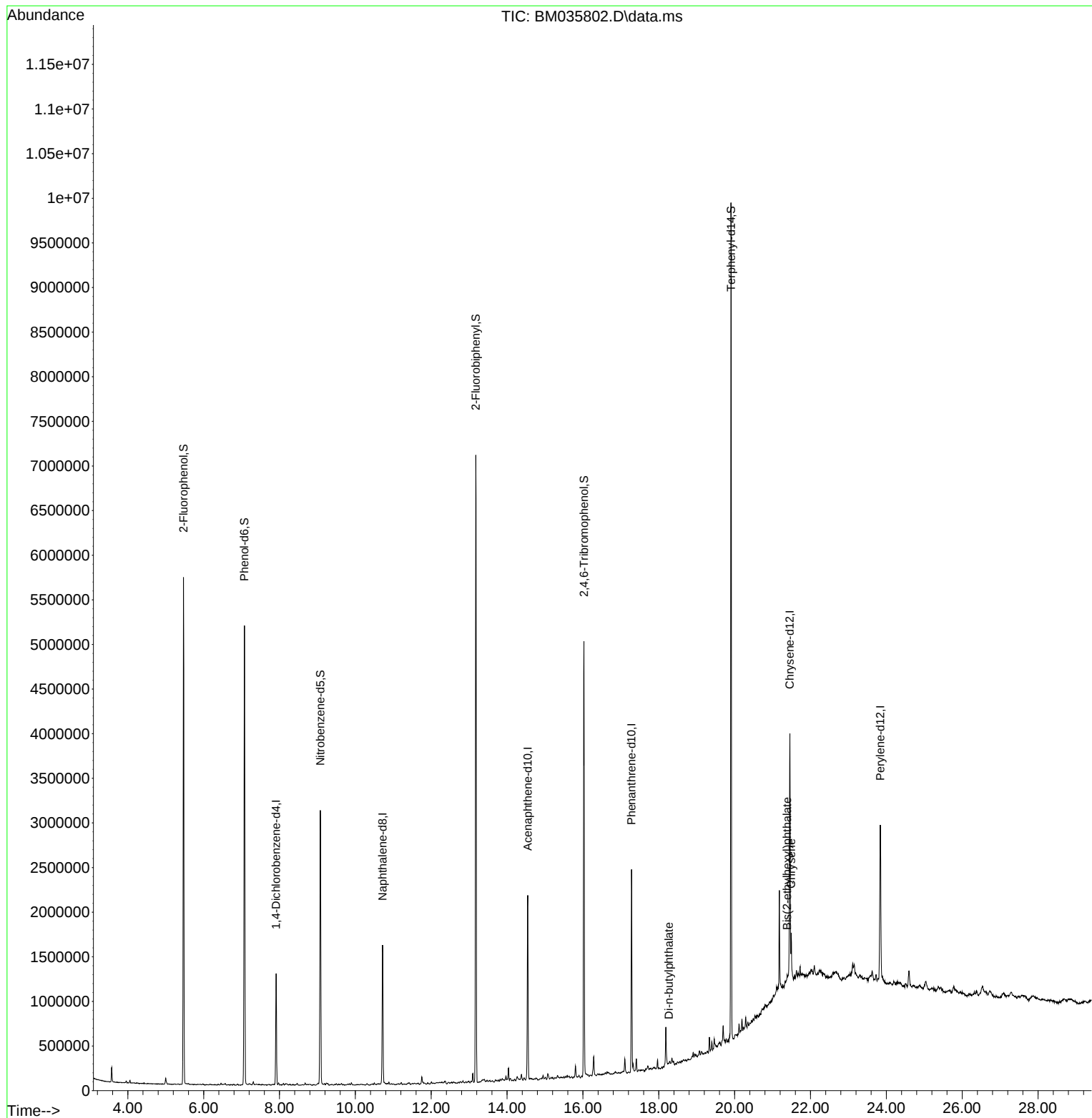
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	329792	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1291427	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	697544	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1332064	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1191345	20.000	ng	0.00
86) Perylene-d12	23.838	264	1283220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2399559	118.182	ng	0.00
7) Phenol-d6	7.075	99	2861851	112.685	ng	0.00
23) Nitrobenzene-d5	9.075	82	1712849	75.823	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	918114	129.611	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	3448723	68.951	ng	0.00
79) Terphenyl-d14	19.903	244	4446622	72.454	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.262	149	11494	2.414	ng	# 84
83) Chrysene	21.491	228	206311	2.859	ng	98
84) Bis(2-ethylhexyl)phtha...	21.386	149	20566	3.715	ng	# 80

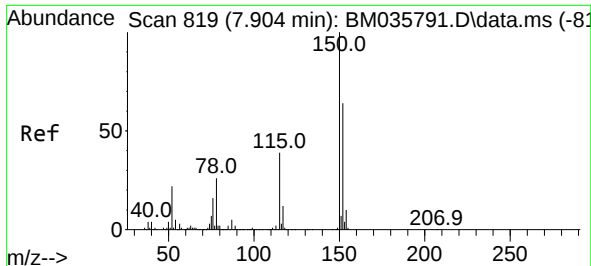
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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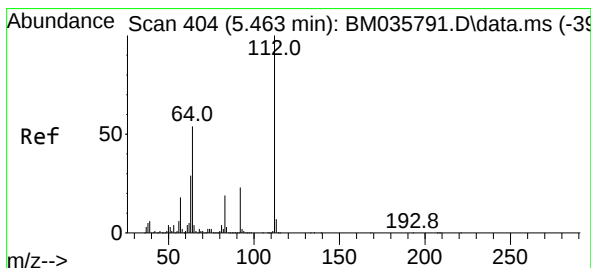
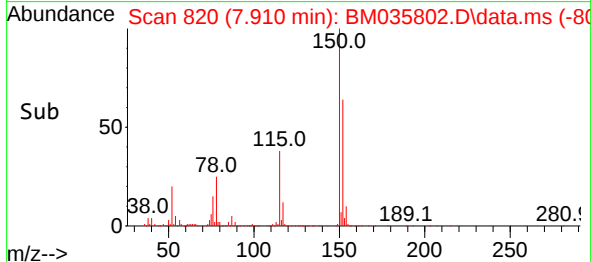
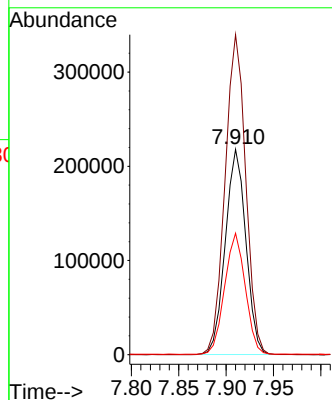
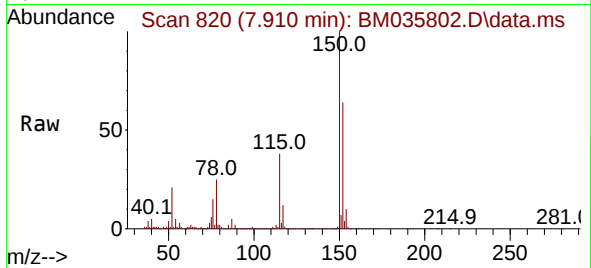




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 819
Delta R.T. 0.006 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

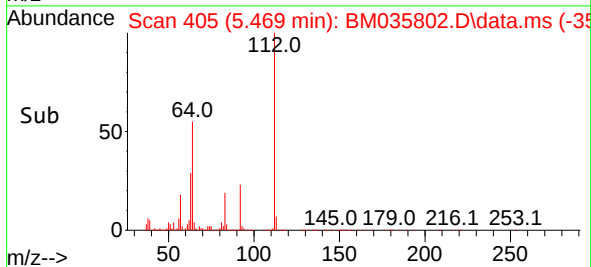
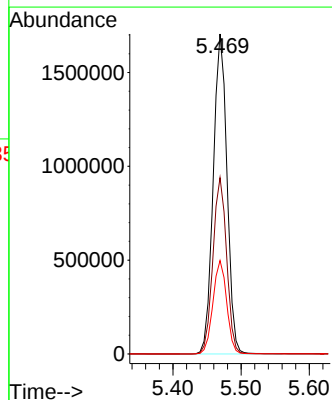
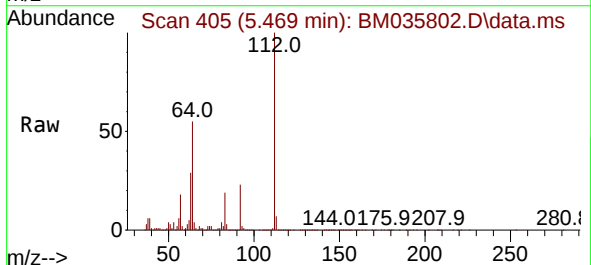
Instrument :
BNA_M
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

Tgt Ion:152 Resp: 329792
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 118.182 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion:112 Resp: 2399559
Ion Ratio Lower Upper
112 100
64 55.1 47.8 71.6
63 29.2 26.6 40.0

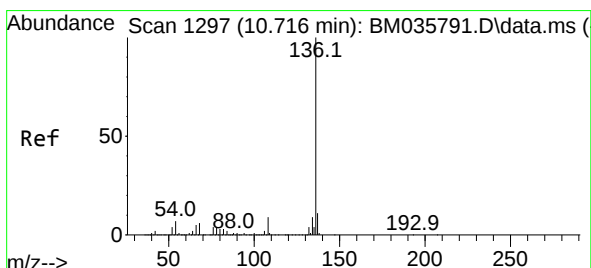
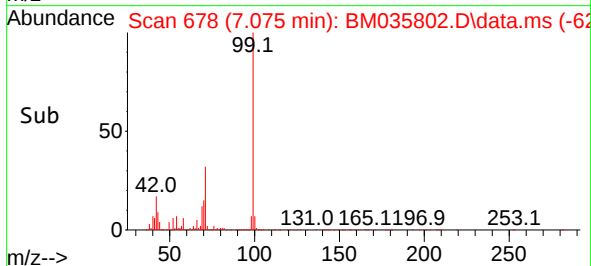
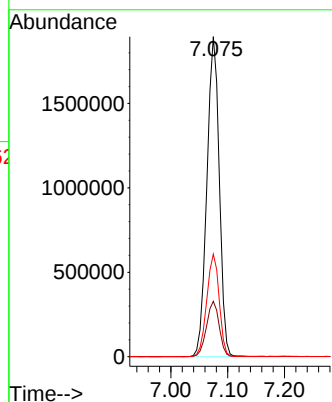
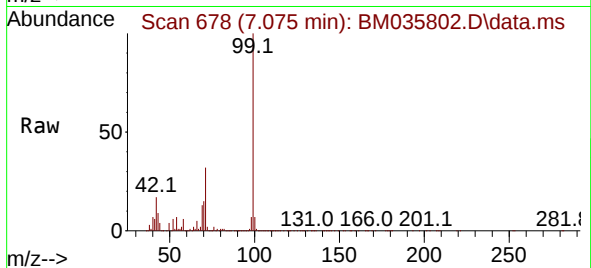




#7
Phenol-d6
Concen: 112.685 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

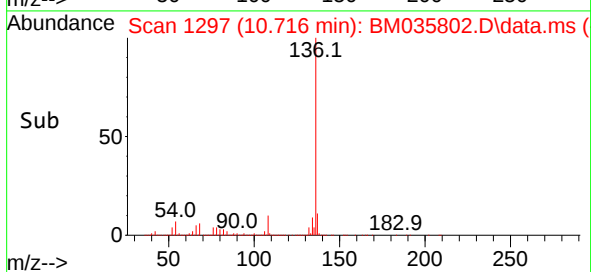
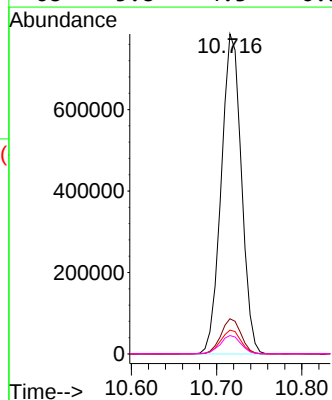
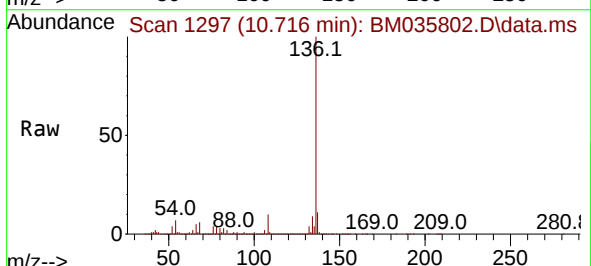
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ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

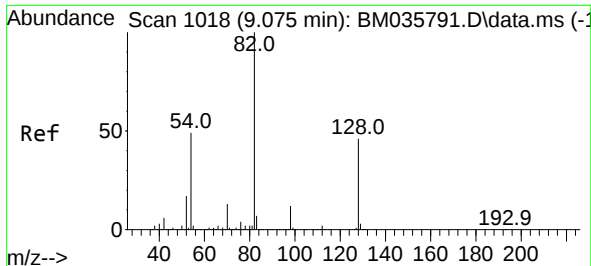
Tgt Ion: 99 Resp: 2861851
Ion Ratio Lower Upper
99 100
42 17.3 18.8 28.2#
71 32.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion: 136 Resp: 1291427
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 7.0 10.4
68 5.8 4.3 6.5

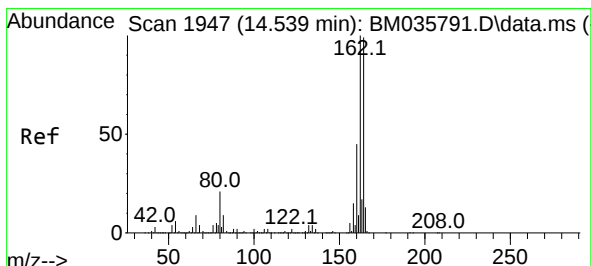
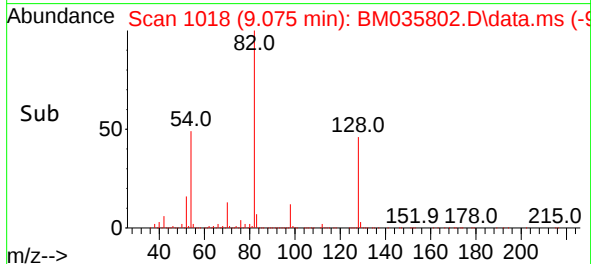
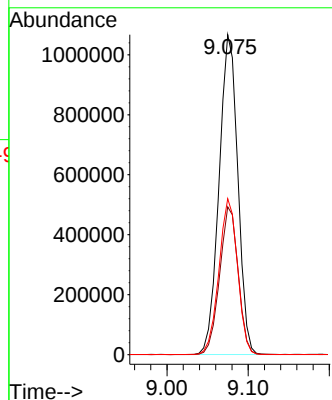
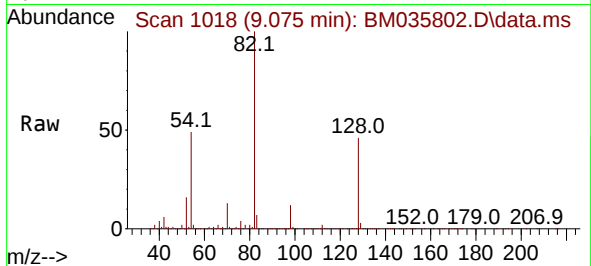




#23
Nitrobenzene-d5
Concen: 75.823 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

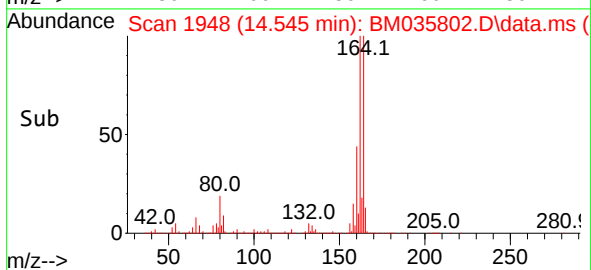
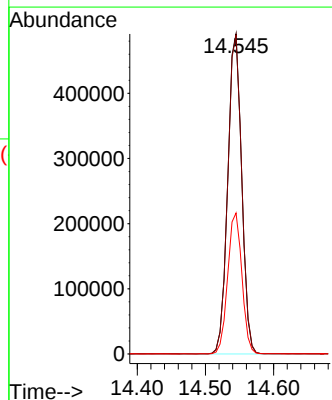
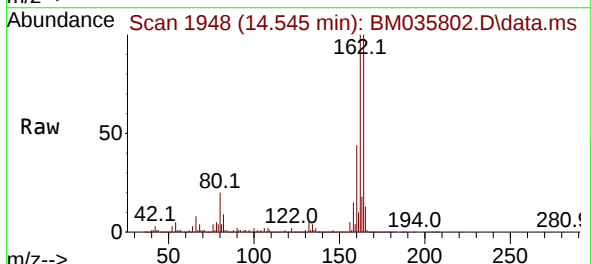
Instrument : BNA_M
ClientSampleId : 20220498B-SIM/C4B-COMPOSITE

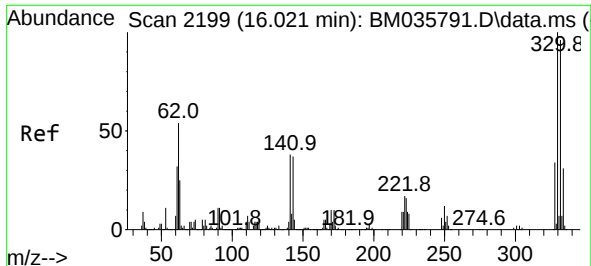
Tgt Ion: 82 Resp: 1712849
Ion Ratio Lower Upper
82 100
128 46.2 33.7 50.5
54 48.7 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.006 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion:164 Resp: 697544
Ion Ratio Lower Upper
164 100
162 99.6 83.0 124.6
160 44.1 37.0 55.4

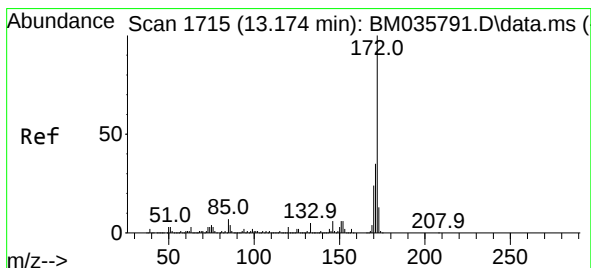
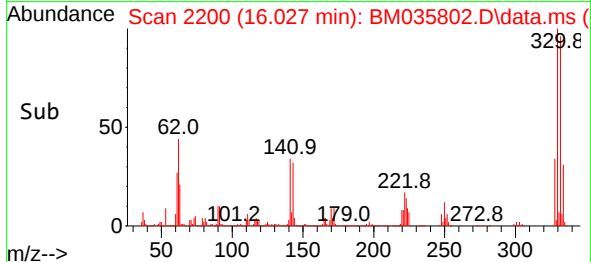
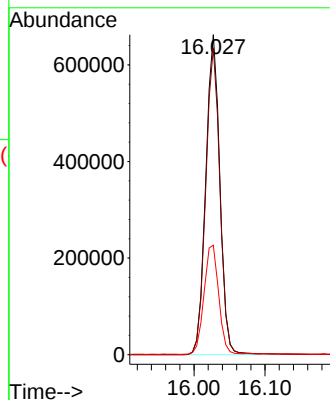
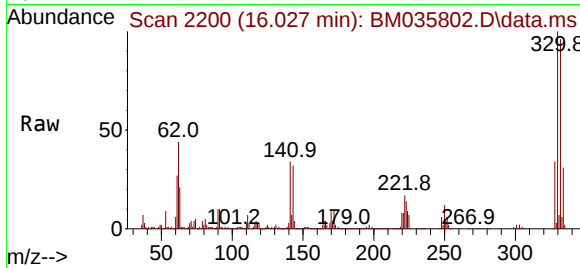




#42
2,4,6-Tribromophenol
Concen: 129.611 ng
RT: 16.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

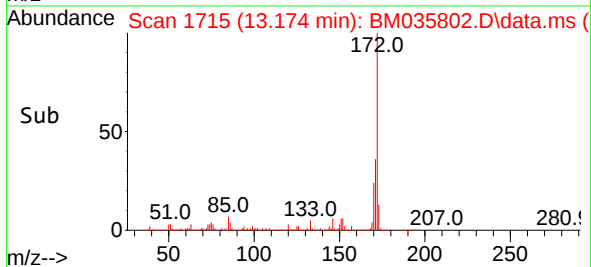
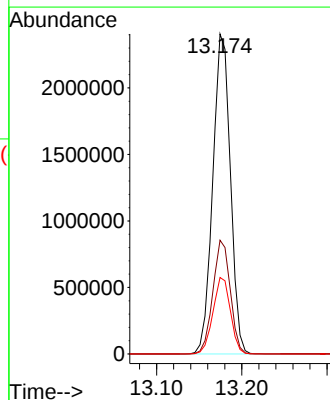
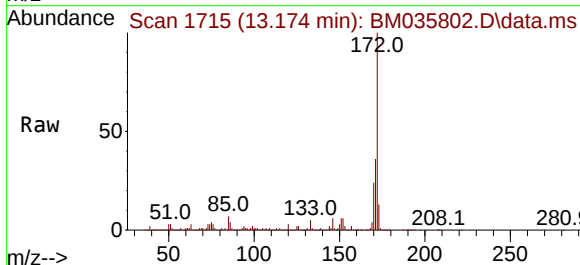
Instrument :
BNA_M
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

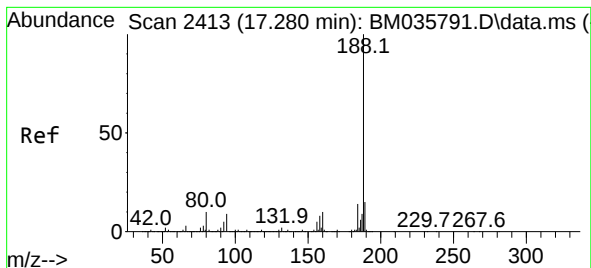
Tgt Ion:330 Resp: 918114
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 35.5 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 68.951 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion:172 Resp: 3448723
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.280 min Scan# 2413

Delta R.T. 0.000 min

Lab File: BM035802.D

Acq: 13 Jul 2022 20:02

Instrument :

BNA_M

ClientSampleId :

20220498B-SIM/C4B-COMPOSITE

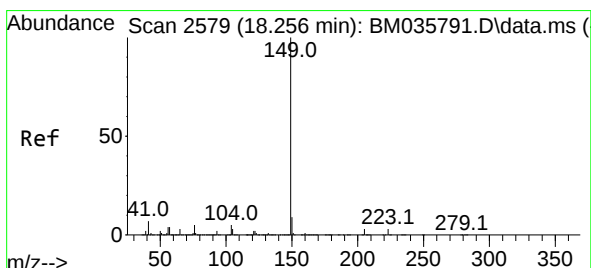
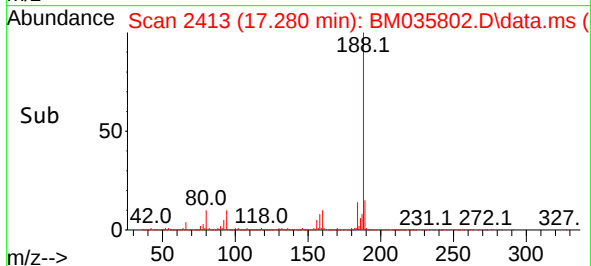
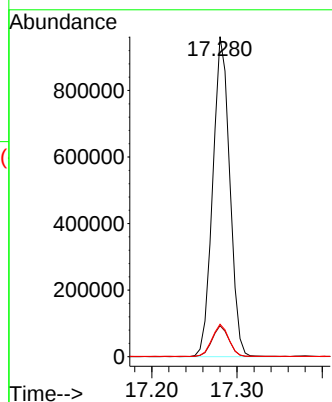
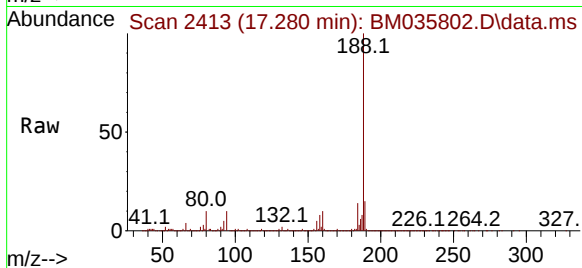
Tgt Ion:188 Resp: 1332064

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

80 10.2 7.6 11.4



#74

Di-n-butylphthalate

Concen: 2.414 ng

RT: 18.262 min Scan# 2580

Delta R.T. 0.006 min

Lab File: BM035802.D

Acq: 13 Jul 2022 20:02

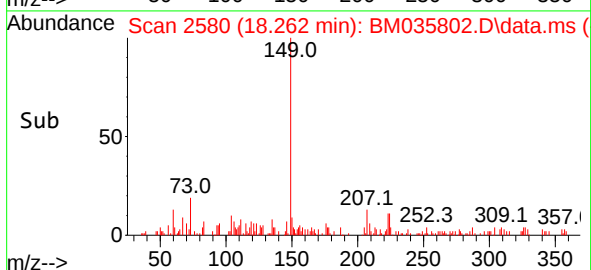
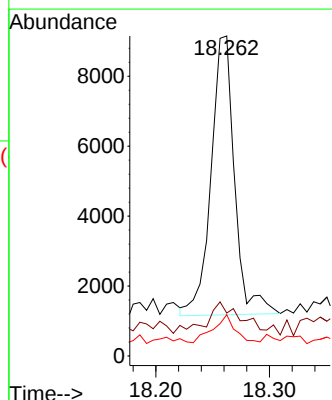
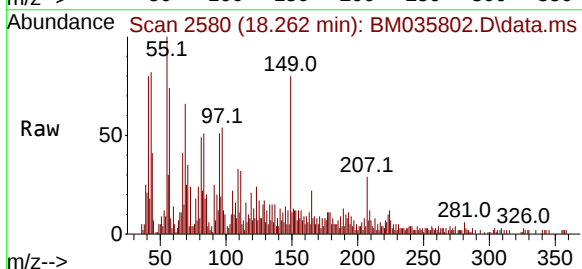
Tgt Ion:149 Resp: 11494

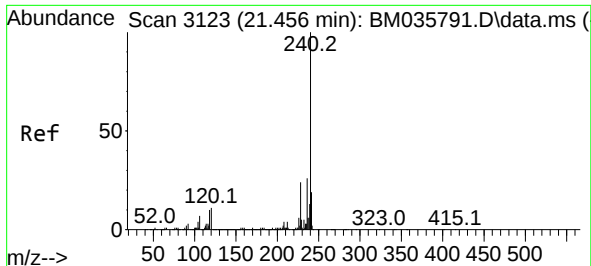
Ion Ratio Lower Upper

149 100

150 13.4 7.3 10.9#

104 12.9 4.3 6.5#

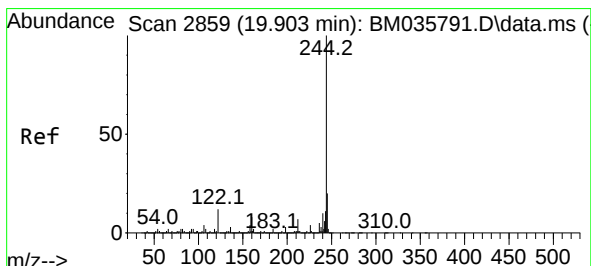
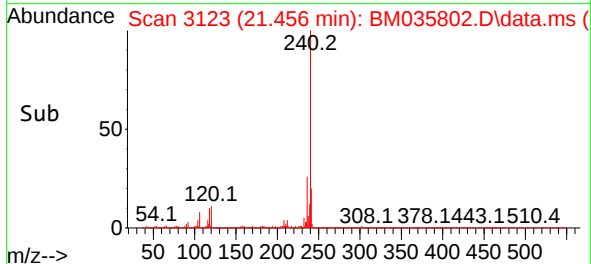
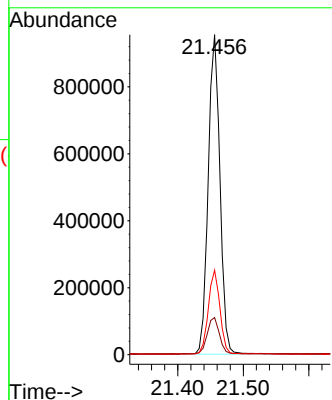
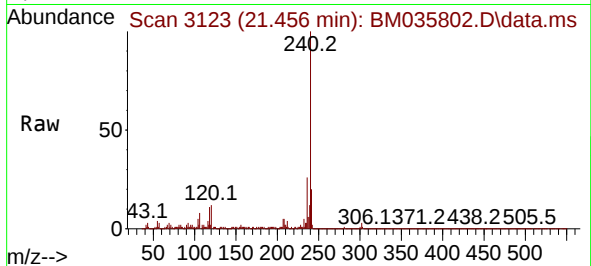




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

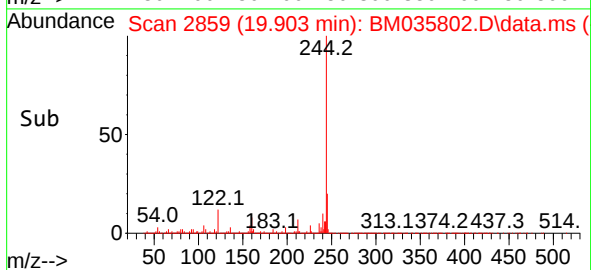
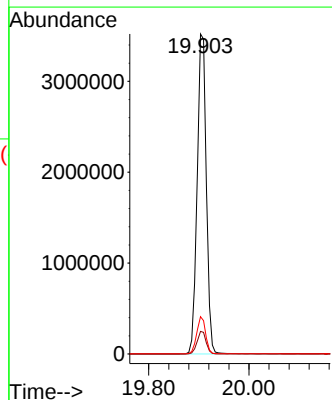
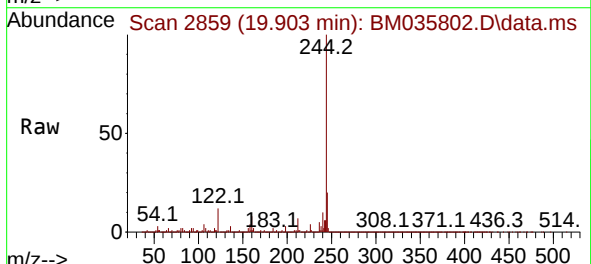
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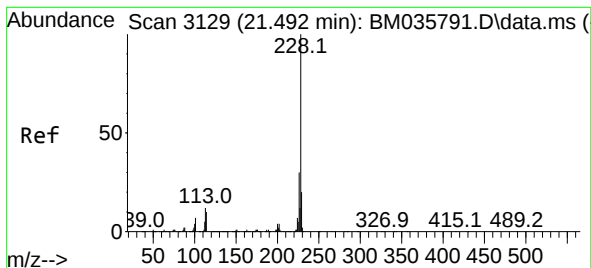
Tgt Ion:240 Resp: 1191345
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.0
236 26.4 20.6 30.8



#79
Terphenyl-d14
Concen: 72.454 ng
RT: 19.903 min Scan# 2859
Delta R.T. 0.000 min
Lab File: BM035802.D
Acq: 13 Jul 2022 20:02

Tgt Ion:244 Resp: 4446622
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.4
122 11.7 8.3 12.5





#83

Chrysene

Concen: 2.859 ng

RT: 21.491 min Scan# 3129

Delta R.T. -0.001 min

Lab File: BM035802.D

Acq: 13 Jul 2022 20:02

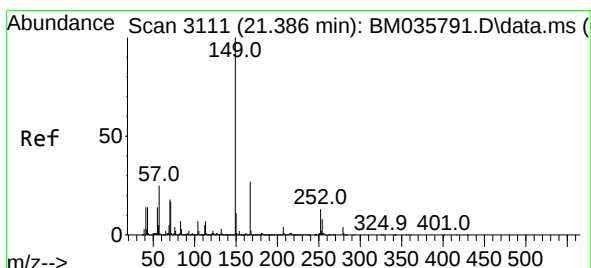
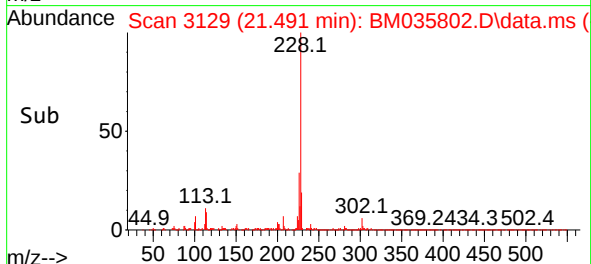
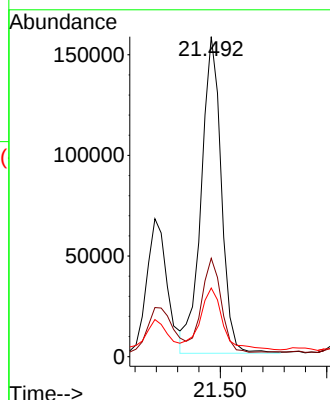
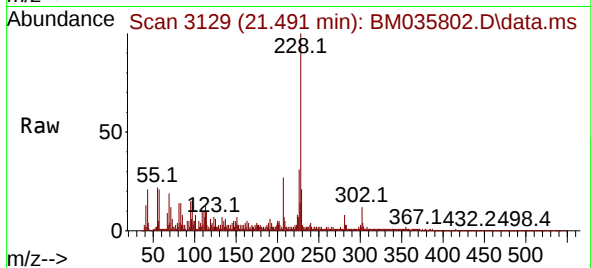
Instrument :

BNA_M

ClientSampleId :

20220498B-SIM/C4B-COMPOSITE

Tgt Ion:	228	Resp:	206311
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.4	36.6
229	21.5	15.8	23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.715 ng

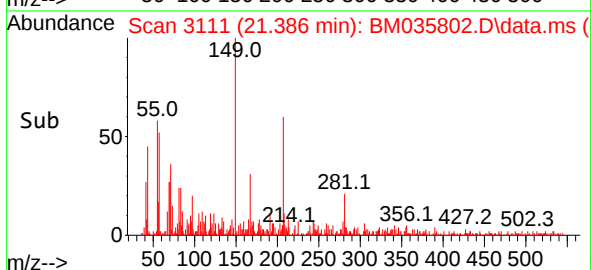
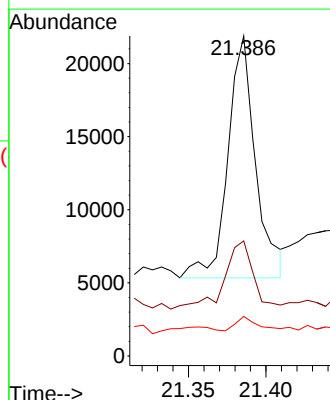
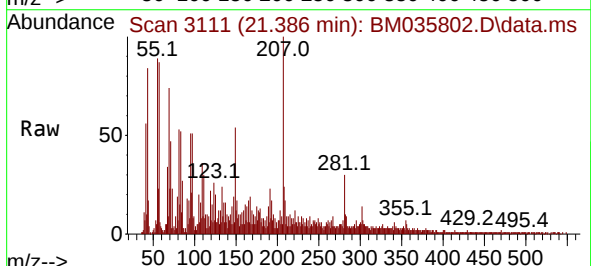
RT: 21.386 min Scan# 3111

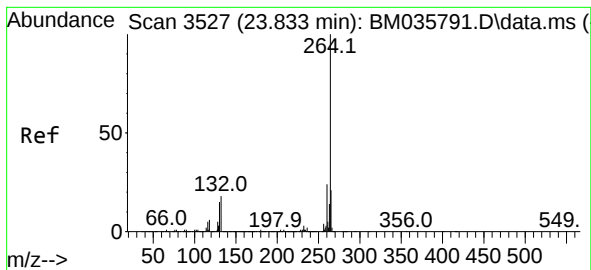
Delta R.T. -0.000 min

Lab File: BM035802.D

Acq: 13 Jul 2022 20:02

Tgt Ion:	149	Resp:	20566
Ion Ratio	Lower	Upper	
149	100		
167	36.0	21.1	31.7#
279	12.4	2.8	4.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.838 min Scan# 3

Delta R.T. 0.005 min

Lab File: BM035802.D

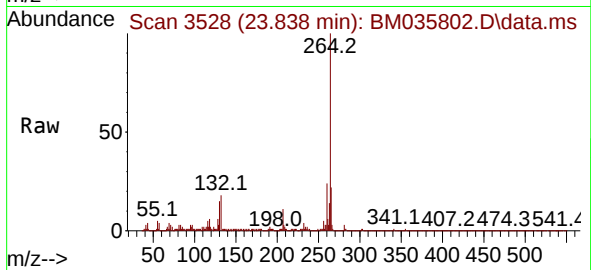
Acq: 13 Jul 2022 20:02

Instrument :

BNA_M

ClientSampleId :

20220498B-SIM/C4B-COMPOSITE



Tgt Ion:264 Resp: 1283220

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.0 17.5 26.3

