

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
 Data File : BM035181.D
 Acq On : 20 May 2022 17:58
 Operator : CG/JU
 Sample : N2872-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P022-SS002-0006-02

Quant Time: May 23 04:20:24 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)

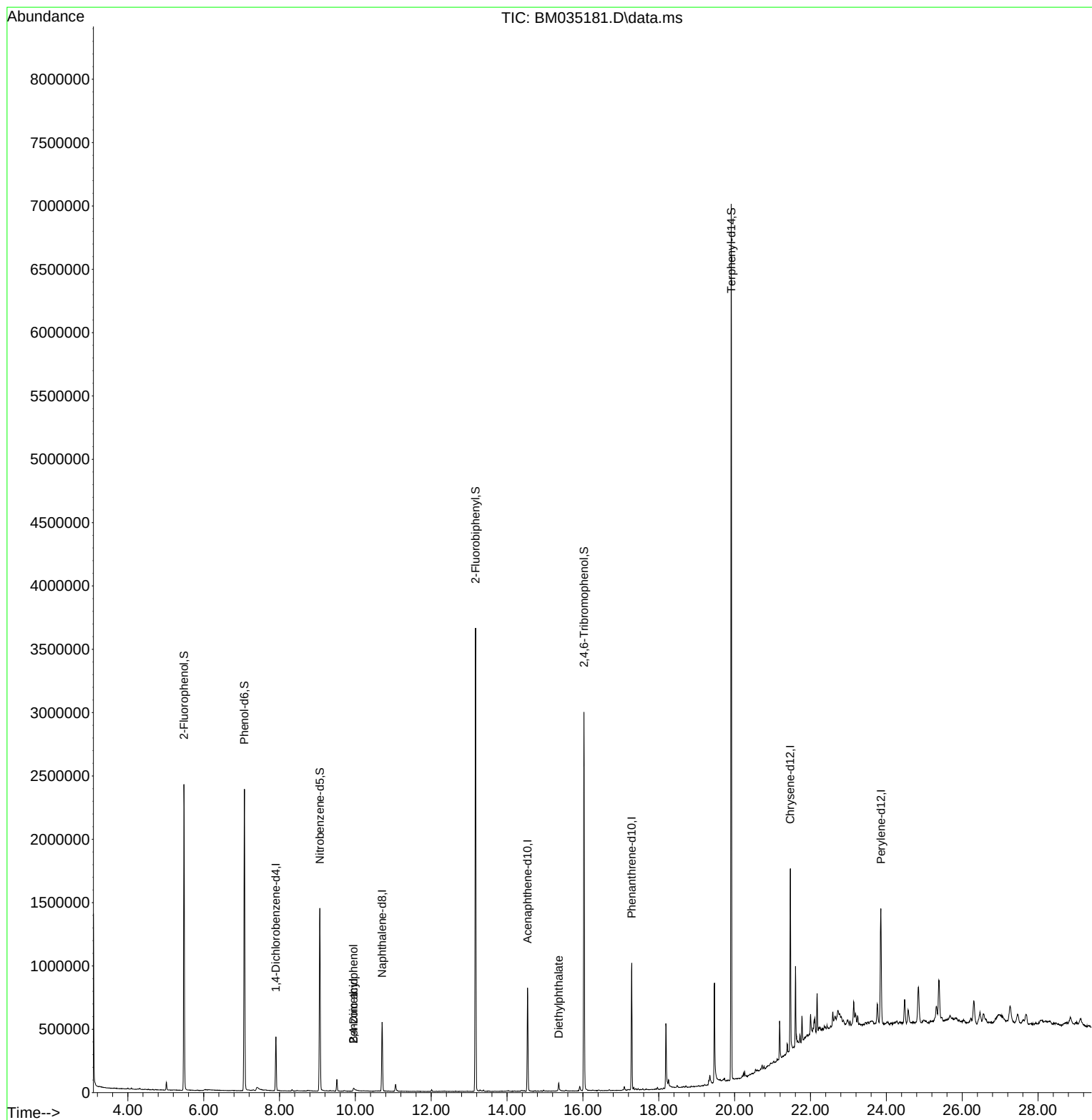
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	112228	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	442989	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	275509	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	592392	20.000	ng	0.00
76) Chrysene-d12	21.468	240	637456	20.000	ng	0.00
86) Perylene-d12	23.856	264	665803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	956774	150.405	ng	0.00
7) Phenol-d6	7.075	99	1220085	148.571	ng	0.00
23) Nitrobenzene-d5	9.063	82	789798	96.279	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	514006	171.508	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1819654	95.879	ng	0.00
79) Terphenyl-d14	19.909	244	3131725	95.123	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.951	122	18309	3.297	ng	Qvalue # 5
32) Benzoic acid	9.951	122	18309	4.110	ng	90
60) Diethylphthalate	15.363	149	50611	2.419	ng	98

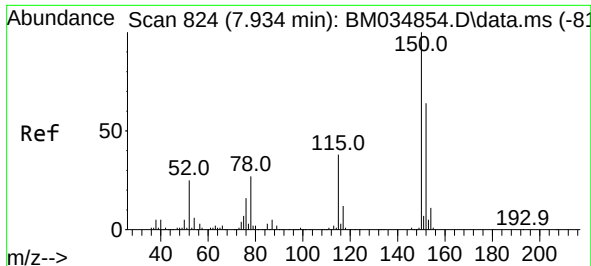
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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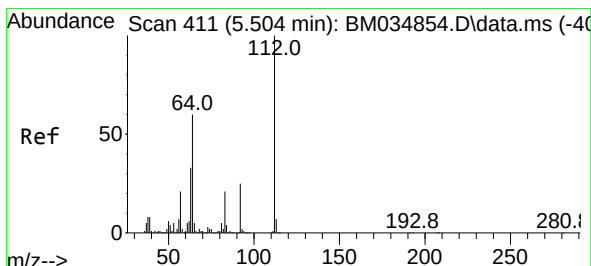
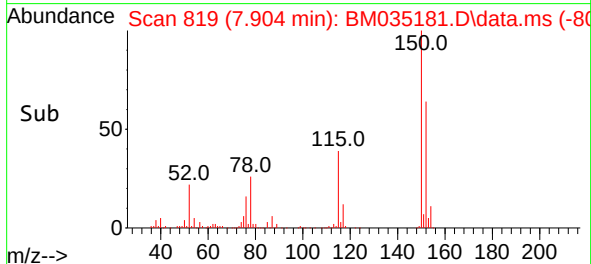
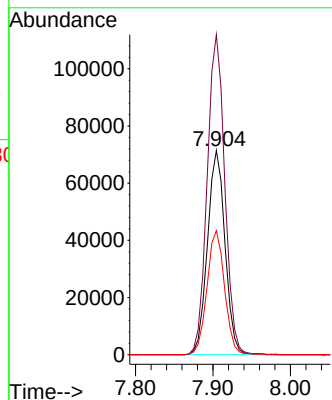
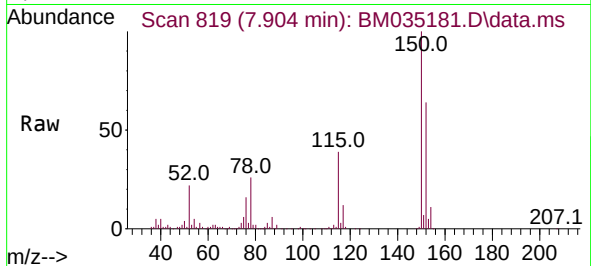




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035181.D
Acq: 20 May 2022 17:58

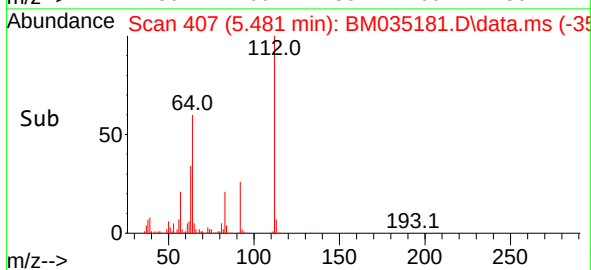
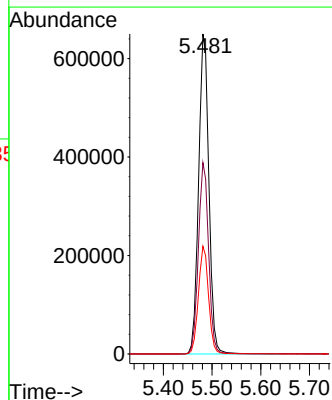
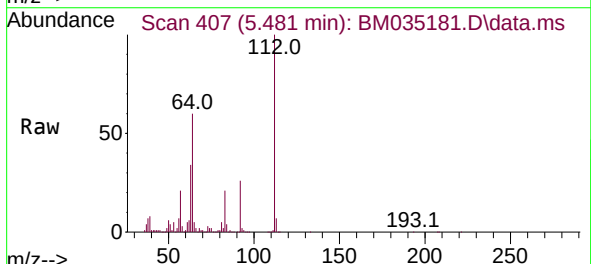
Instrument :
BNA_M
ClientSampleId :
P022-SS002-0006-02

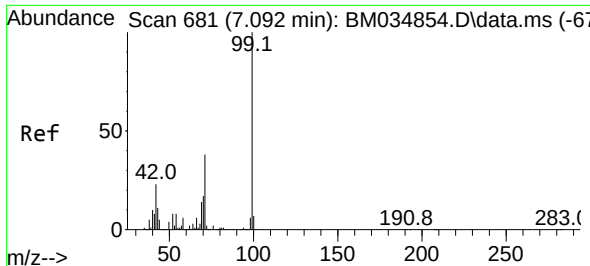
Tgt Ion:152 Resp: 112228
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 60.7 47.9 71.9



#5
2-Fluorophenol
Concen: 150.405 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM035181.D
Acq: 20 May 2022 17:58

Tgt Ion:112 Resp: 956774
Ion Ratio Lower Upper
112 100
64 59.8 47.8 71.6
63 33.7 26.6 40.0



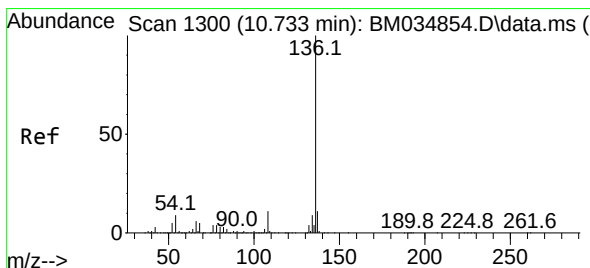
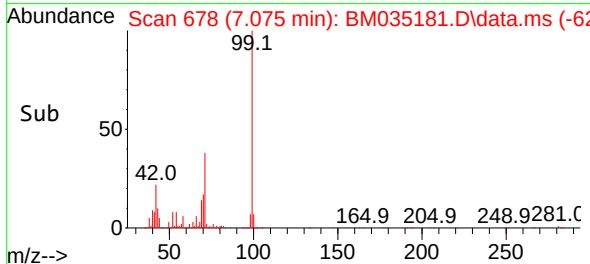
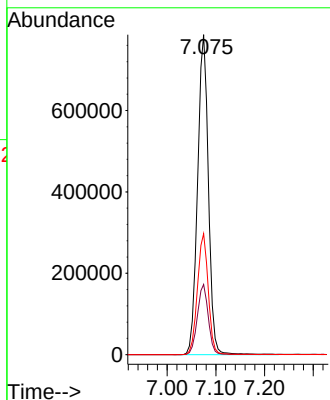
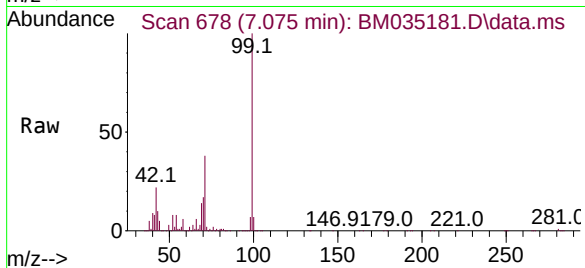


#7
Phenol-d6
Concen: 148.571 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035181.D
Acq: 20 May 2022 17:58

Instrument :
BNA_M
ClientSampleId :
P022-SS002-0006-02

Tgt Ion: 99 Resp: 1220085

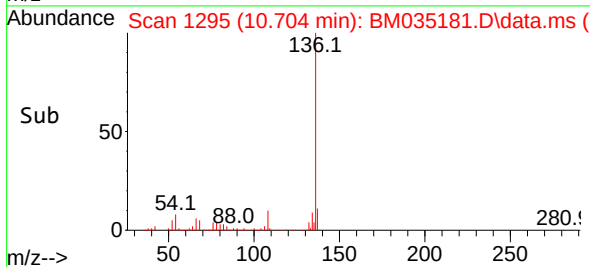
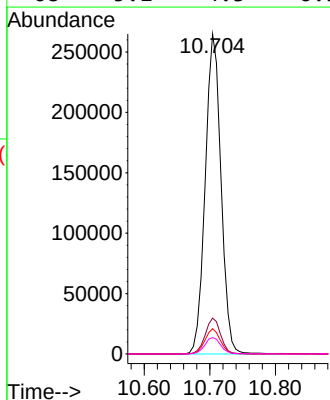
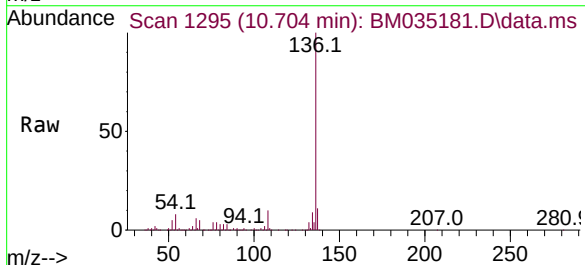
Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.8	28.2
71	37.8	30.2	45.2

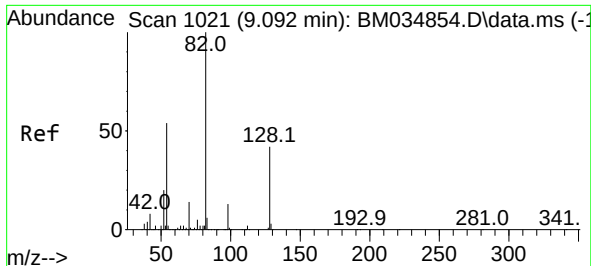


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035181.D
Acq: 20 May 2022 17:58

Tgt Ion: 136 Resp: 442989

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.9	7.0	10.4
68	5.1	4.3	6.5

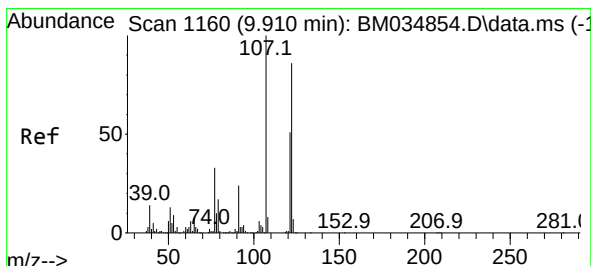
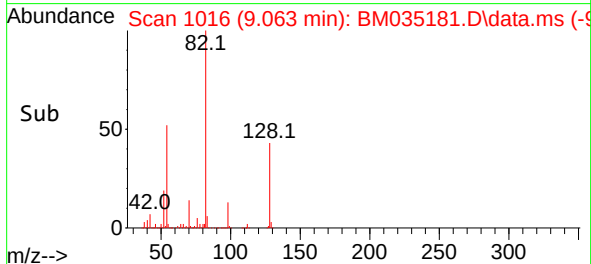
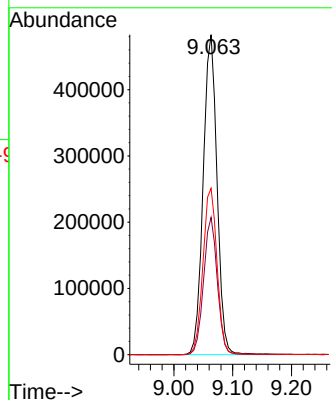
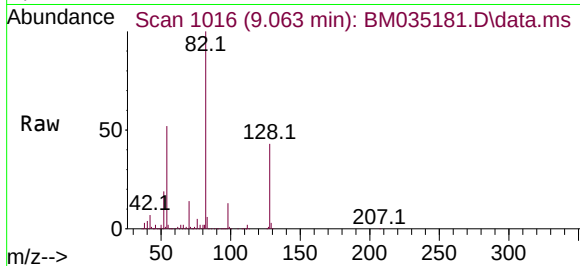




#23
Nitrobenzene-d5
Concen: 96.279 ng
RT: 9.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BM035181.D
Acq: 20 May 2022 17:58

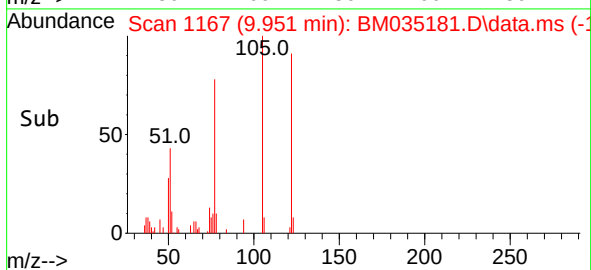
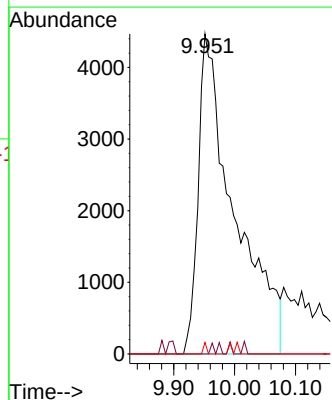
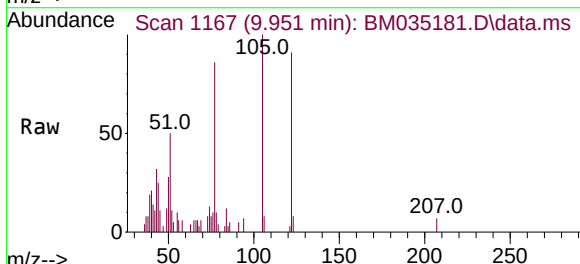
Instrument :
BNA_M
ClientSampleId :
P022-SS002-0006-02

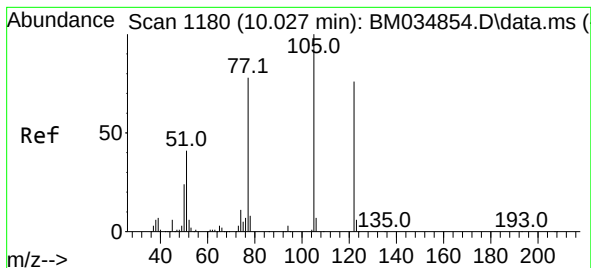
Tgt Ion: 82 Resp: 789798
Ion Ratio Lower Upper
82 100
128 42.9 33.7 50.5
54 52.0 43.2 64.8



#27
2,4-Dimethylphenol
Concen: 3.297 ng
RT: 9.951 min Scan# 1167
Delta R.T. 0.071 min
Lab File: BM035181.D
Acq: 20 May 2022 17:58

Tgt Ion: 122 Resp: 18309
Ion Ratio Lower Upper
122 100
107 0.0 92.4 138.6#
121 3.6 47.4 71.0#





#32

Benzoic acid

Concen: 4.110 ng

RT: 9.951 min Scan# 1180

Delta R.T. -0.071 min

Lab File: BM035181.D

Acq: 20 May 2022 17:58

Instrument :

BNA_M

ClientSampleId :

P022-SS002-0006-02

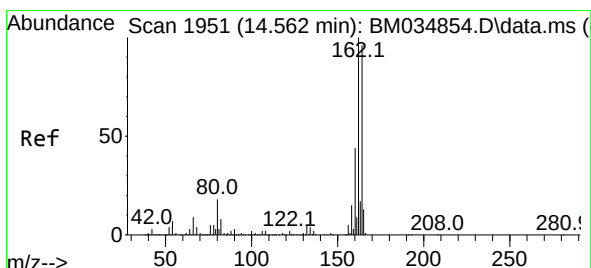
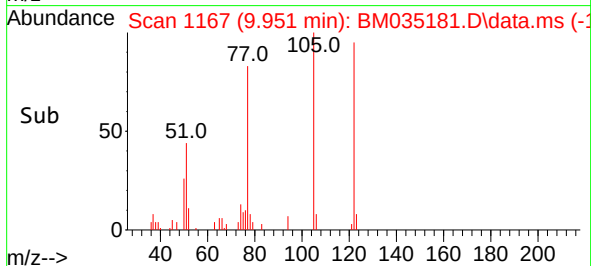
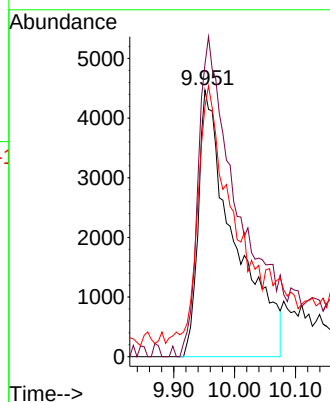
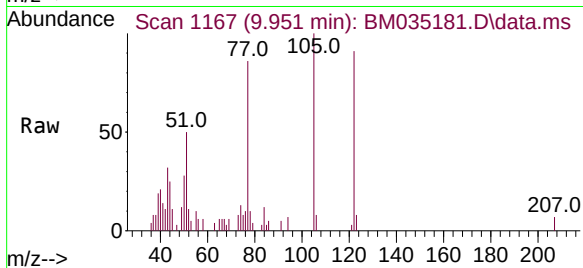
Tgt Ion:122 Resp: 18309

Ion Ratio Lower Upper

122 100

105 109.9 105.7 145.7

77 94.0 80.0 120.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM035181.D

Acq: 20 May 2022 17:58

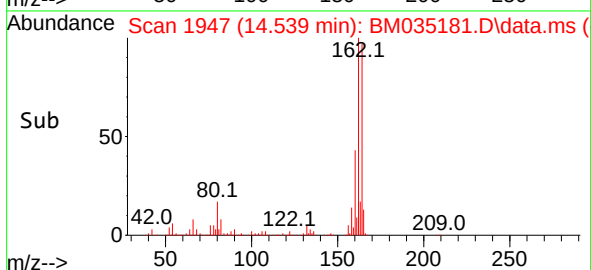
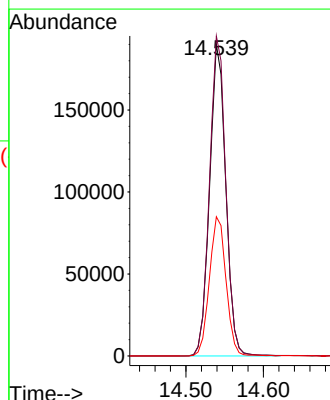
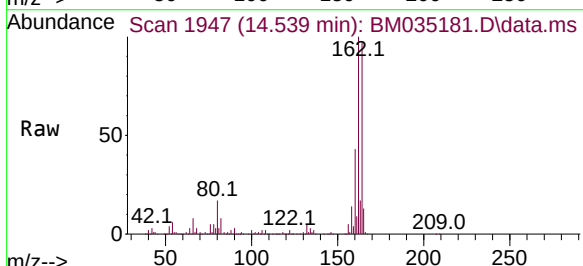
Tgt Ion:164 Resp: 275509

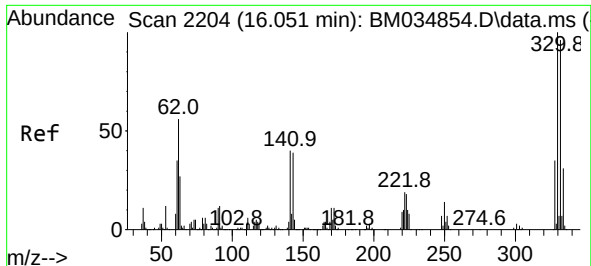
Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.6

160 44.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 171.508 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035181.D

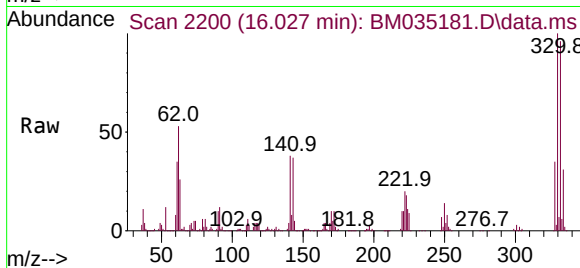
Acq: 20 May 2022 17:58

Instrument :

BNA_M

ClientSampleId :

P022-SS002-0006-02



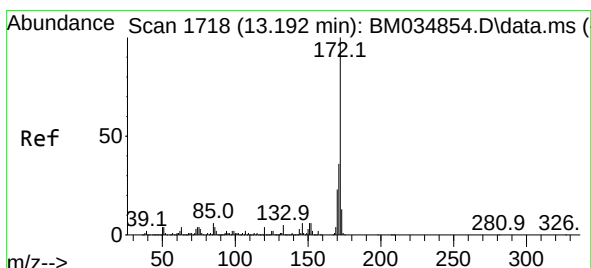
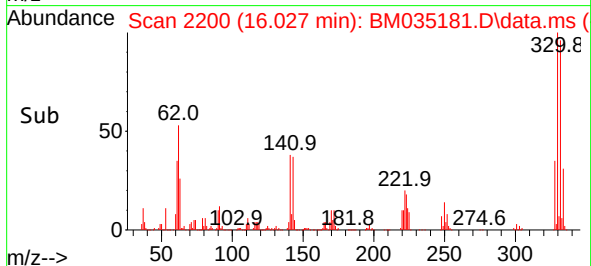
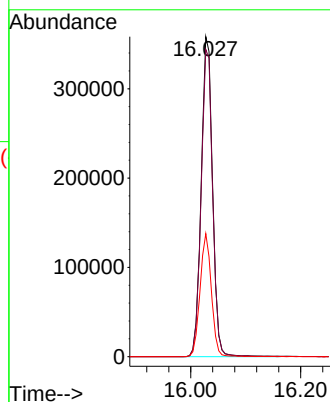
Tgt Ion:330 Resp: 514006

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

141 38.4 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 95.879 ng

RT: 13.169 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BM035181.D

Acq: 20 May 2022 17:58

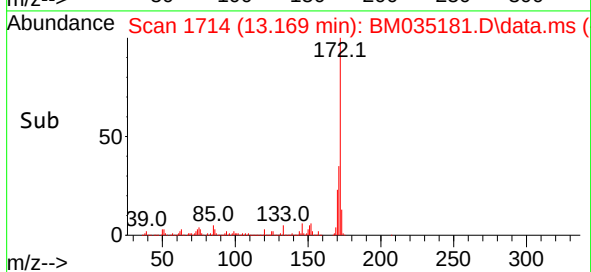
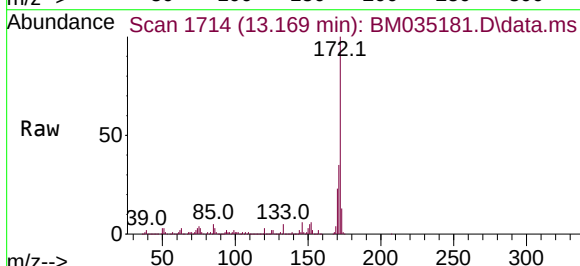
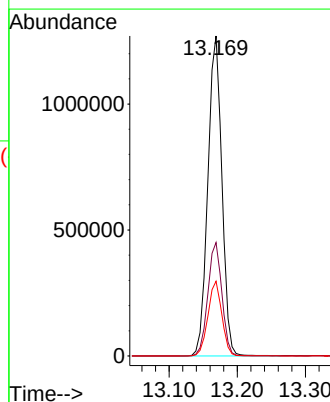
Tgt Ion:172 Resp: 1819654

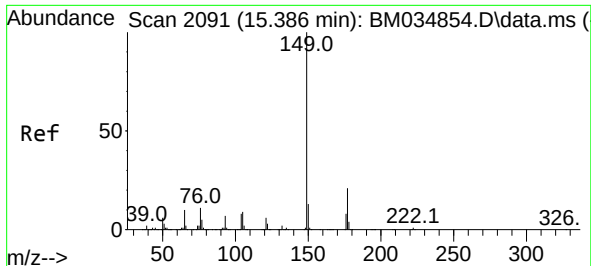
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.4 18.7 28.1

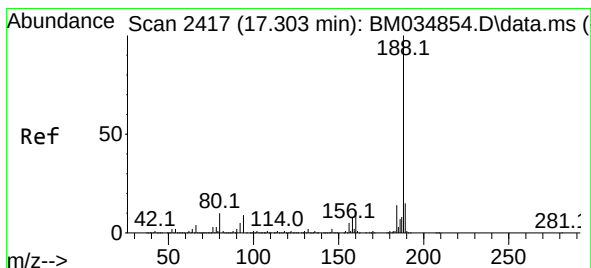
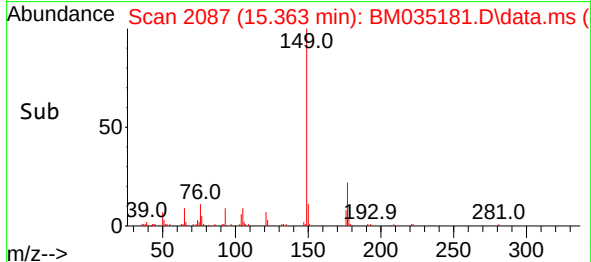
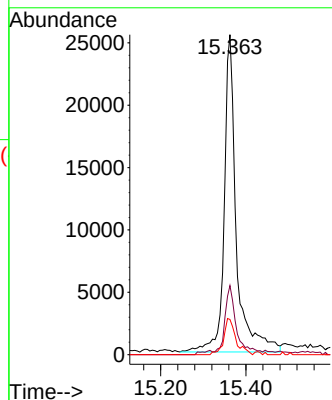
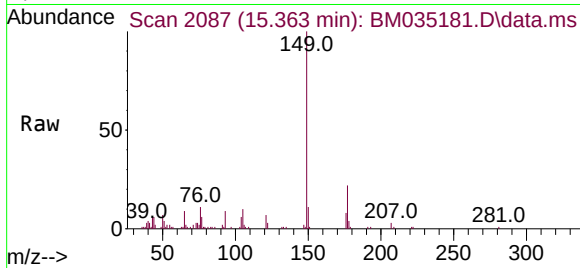




#60
Diethylphthalate
Concen: 2.419 ng
RT: 15.363 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM035181.D
Acq: 20 May 2022 17:58

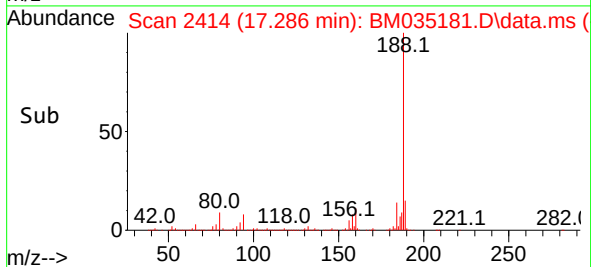
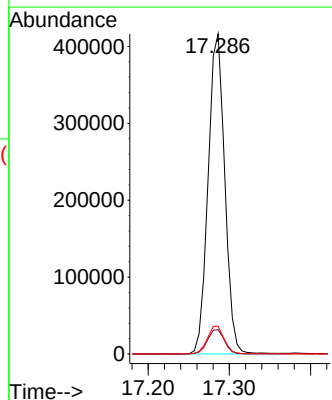
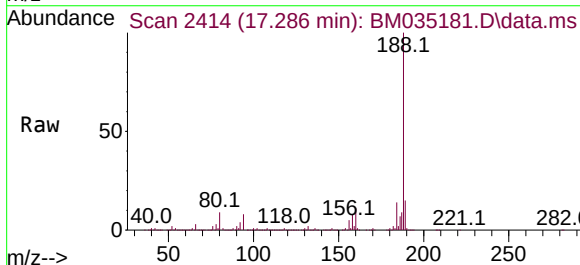
Instrument :
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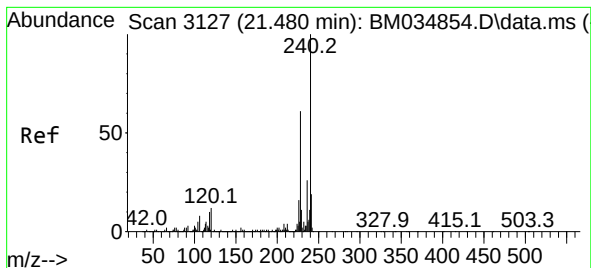
Tgt Ion:149 Resp: 50611
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 11.0 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM035181.D
Acq: 20 May 2022 17:58

Tgt Ion:188 Resp: 592392
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.4
80 8.7 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.468 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM035181.D

Acq: 20 May 2022 17:58

Instrument :

BNA_M

ClientSampleId :

P022-SS002-0006-02

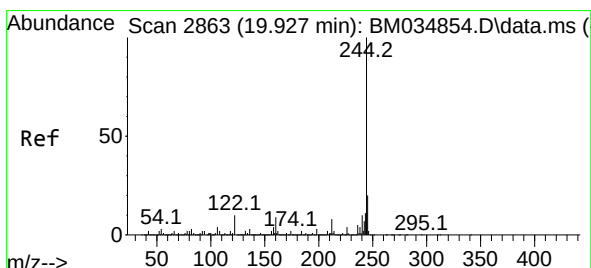
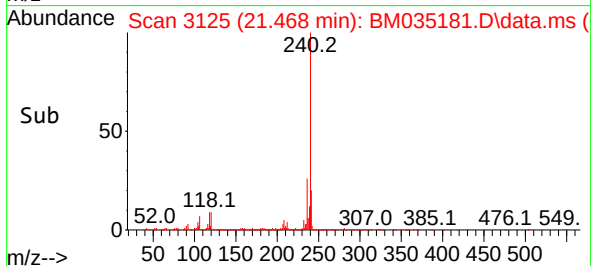
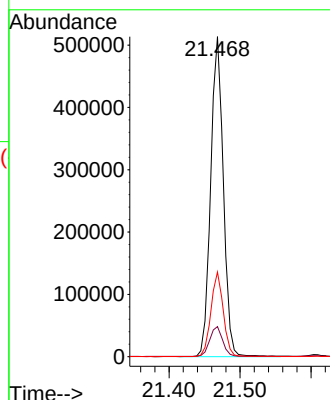
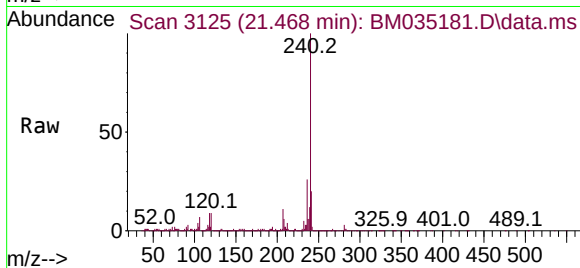
Tgt Ion:240 Resp: 637456

Ion Ratio Lower Upper

240 100

120 9.4 9.4 14.0

236 26.5 20.6 30.8



#79

Terphenyl-d14

Concen: 95.123 ng

RT: 19.909 min Scan# 2860

Delta R.T. -0.006 min

Lab File: BM035181.D

Acq: 20 May 2022 17:58

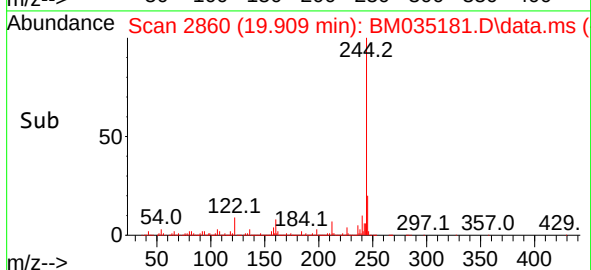
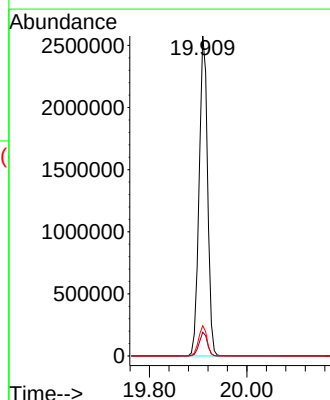
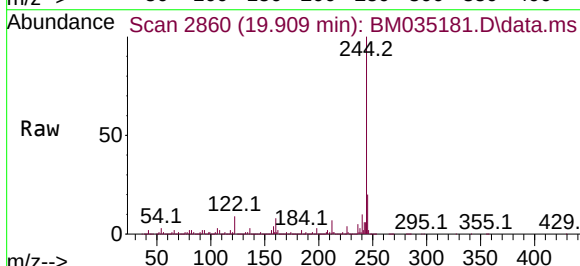
Tgt Ion:244 Resp: 3131725

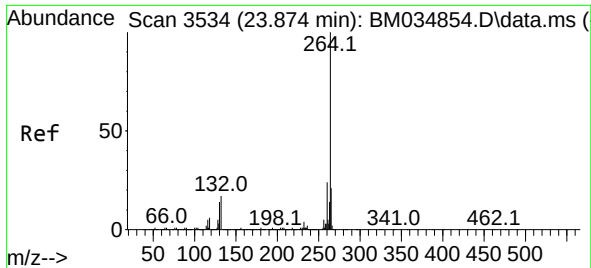
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 9.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.856 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM035181.D
 Acq: 20 May 2022 17:58

Instrument :
 BNA_M
 ClientSampleId :
 P022-SS002-0006-02

Tgt Ion:264 Resp: 665803
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 21.8 17.5 26.3

