

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052822\
 Data File : BM035308.D
 Acq On : 28 May 2022 14:11
 Operator : CG/JU
 Sample : N2933-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P023-SS005-0006-01

Quant Time: May 29 00:33:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 16:44:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	104031	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	372745	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	210246	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	430593	20.000	ng	# 0.00
76) Chrysene-d12	21.433	240	534385	20.000	ng	# 0.00
86) Perylene-d12	23.797	264	651245	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	485134	86.103	ng	0.00
7) Phenol-d6	7.046	99	582054	79.780	ng	0.00
23) Nitrobenzene-d5	9.034	82	366610	54.142	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	207288	75.999	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	871294	57.469	ng	0.00
79) Terphenyl-d14	19.874	244	1361781	45.156	ng	0.00

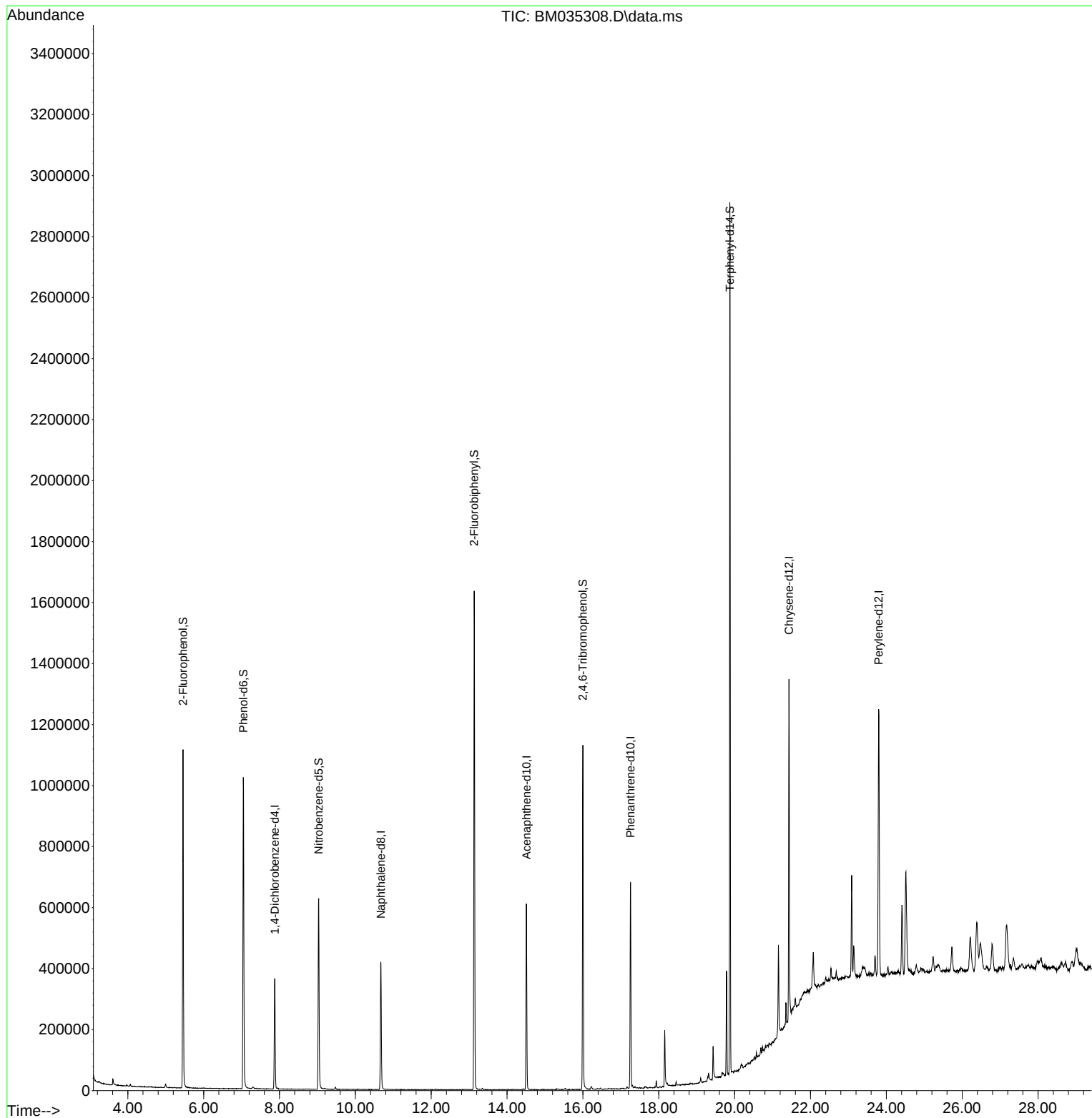
Target Compounds	Qvalue

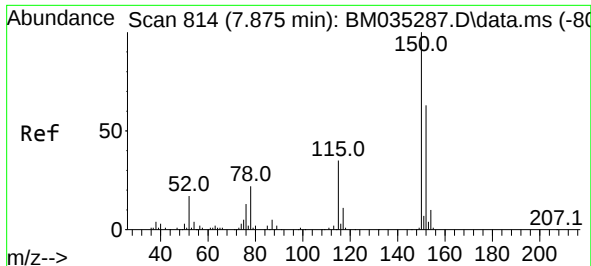
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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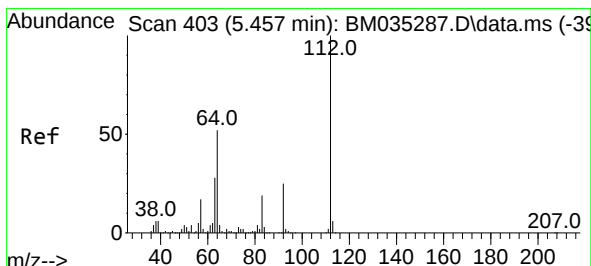
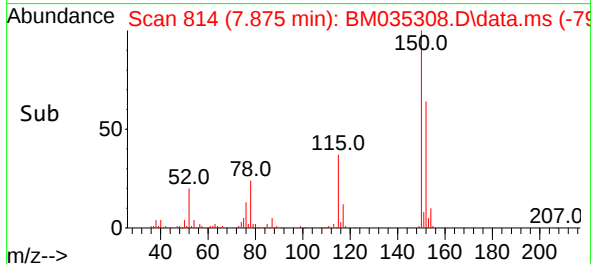
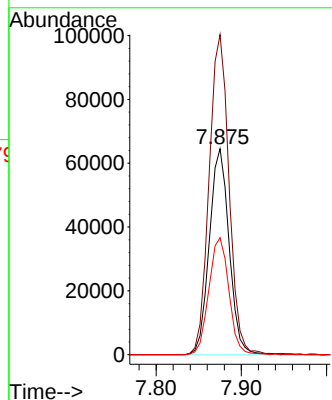
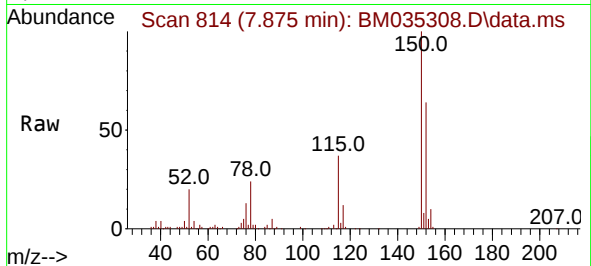




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM035308.D
Acq: 28 May 2022 14:11

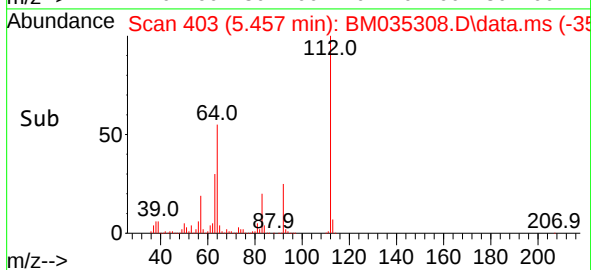
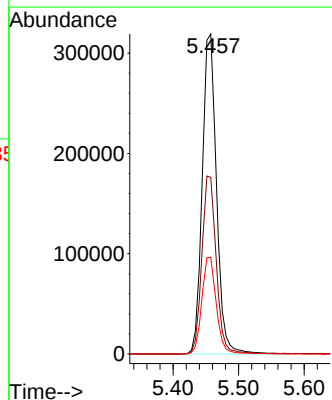
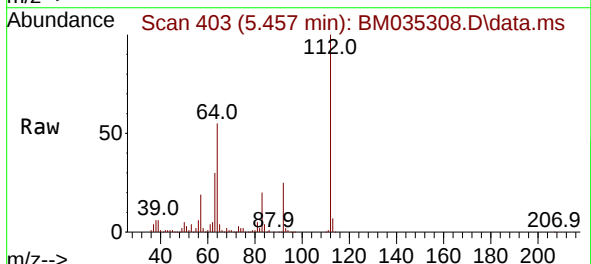
Instrument :
BNA_M
ClientSampleId :
P023-SS005-0006-01

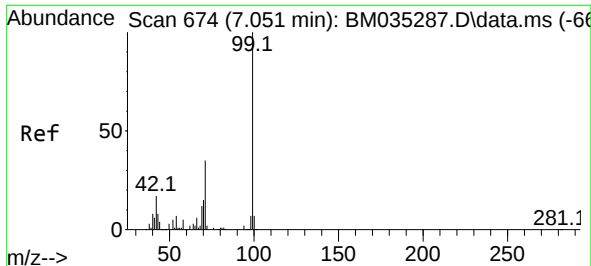
Tgt Ion:152 Resp: 104031
Ion Ratio Lower Upper
152 100
150 155.3 124.9 187.3
115 56.8 47.9 71.9



#5
2-Fluorophenol
Concen: 86.103 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM035308.D
Acq: 28 May 2022 14:11

Tgt Ion:112 Resp: 485134
Ion Ratio Lower Upper
112 100
64 55.2 47.8 71.6
63 30.2 26.6 40.0

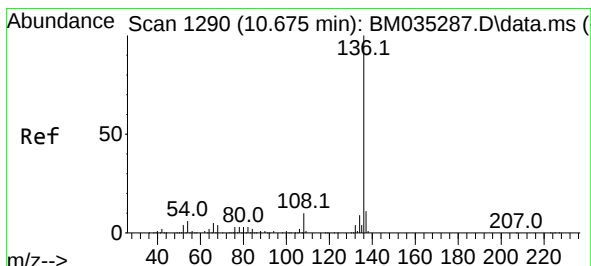
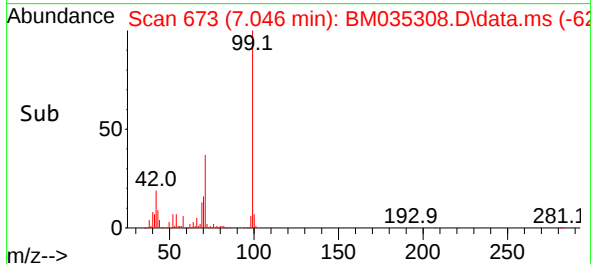
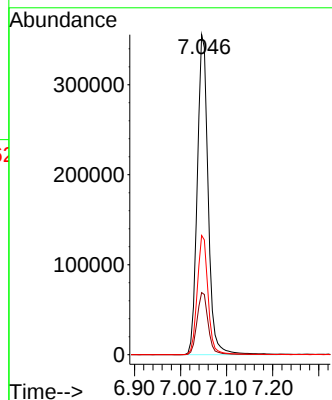
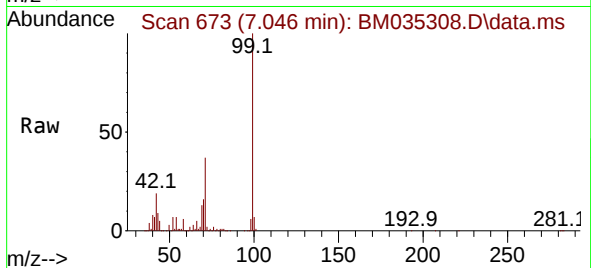




#7
Phenol-d6
Concen: 79.780 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM035308.D
Acq: 28 May 2022 14:11

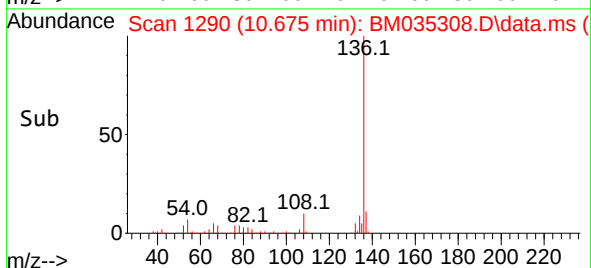
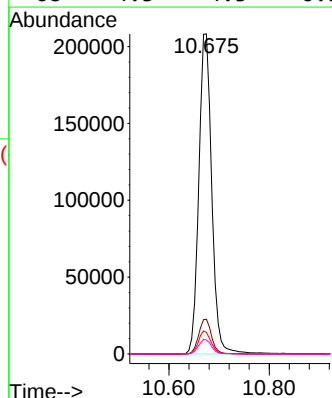
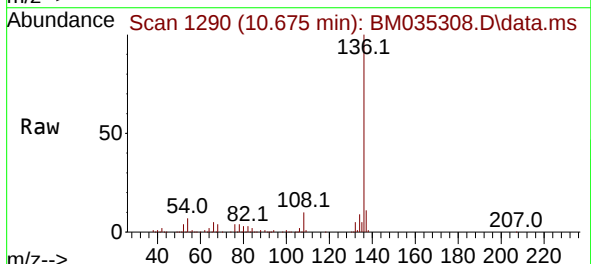
Instrument :
BNA_M
ClientSampleId :
P023-SS005-0006-01

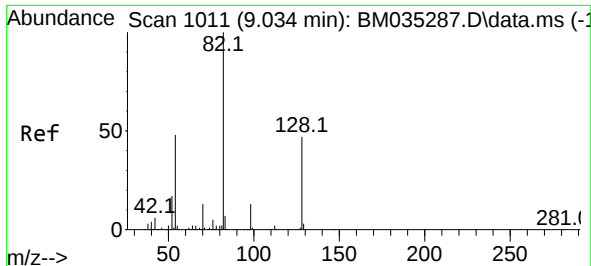
Tgt Ion: 99 Resp: 582054
Ion Ratio Lower Upper
99 100
42 19.4 18.8 28.2
71 37.3 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM035308.D
Acq: 28 May 2022 14:11

Tgt Ion: 136 Resp: 372745
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.7 7.0 10.4#
68 4.3 4.3 6.5

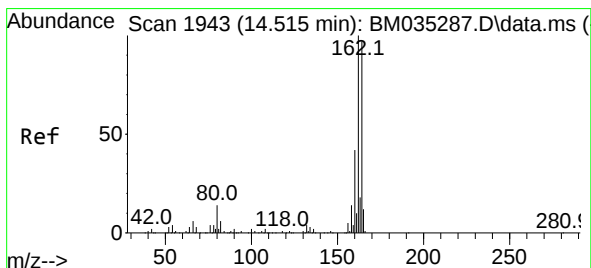
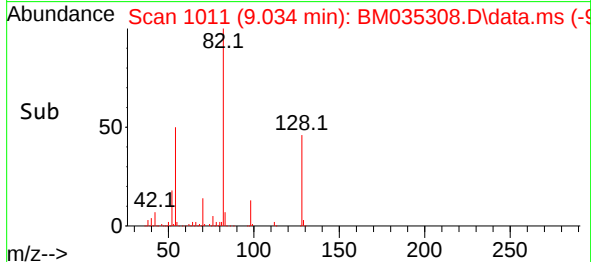
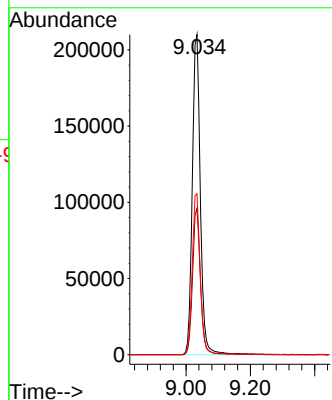
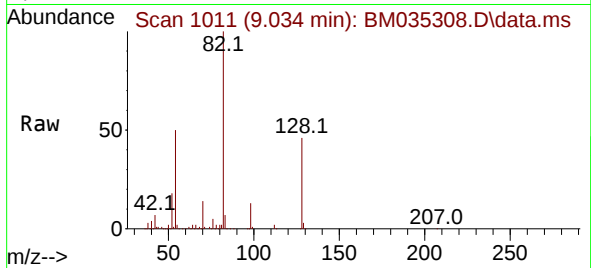




#23
Nitrobenzene-d5
Concen: 54.142 ng
RT: 9.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM035308.D
Acq: 28 May 2022 14:11

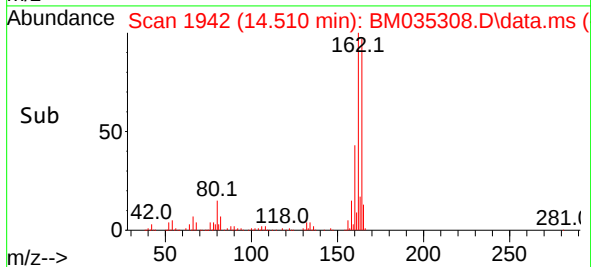
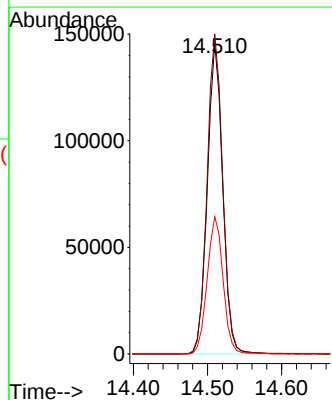
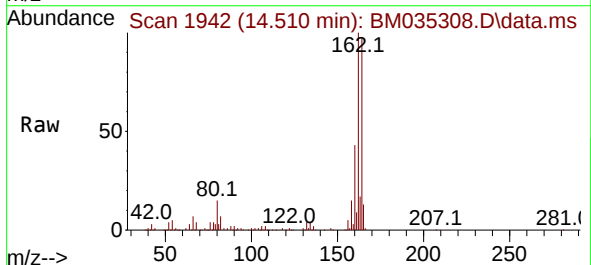
Instrument :
BNA_M
ClientSampleId :
P023-SS005-0006-01

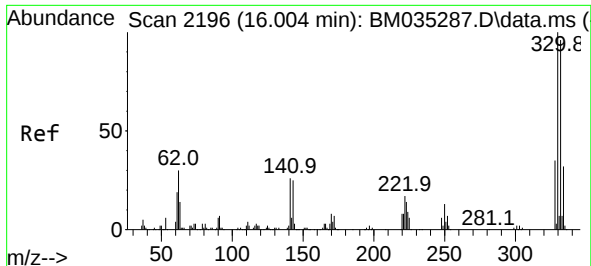
Tgt Ion: 82 Resp: 366610
Ion Ratio Lower Upper
82 100
128 45.7 33.7 50.5
54 50.3 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BM035308.D
Acq: 28 May 2022 14:11

Tgt Ion: 164 Resp: 210246
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.6
160 44.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 75.999 ng

RT: 15.998 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035308.D

Acq: 28 May 2022 14:11

Instrument :

BNA_M

ClientSampleId :

P023-SS005-0006-01

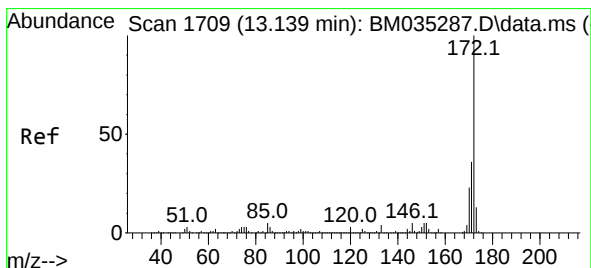
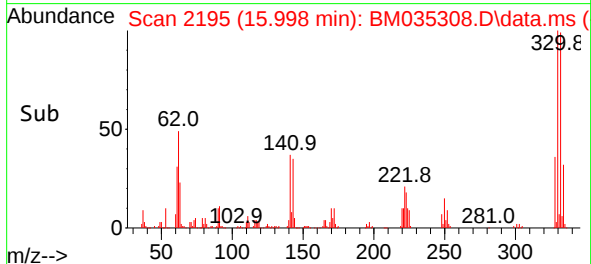
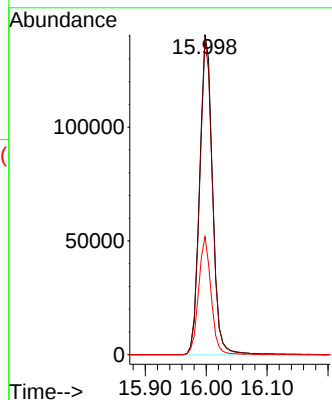
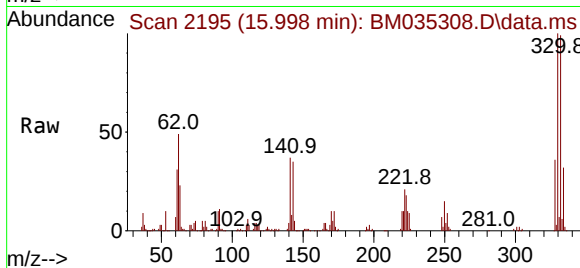
Tgt Ion:330 Resp: 207288

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.4

141 35.6 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 57.469 ng

RT: 13.133 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BM035308.D

Acq: 28 May 2022 14:11

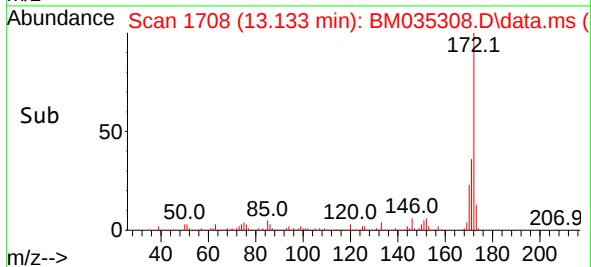
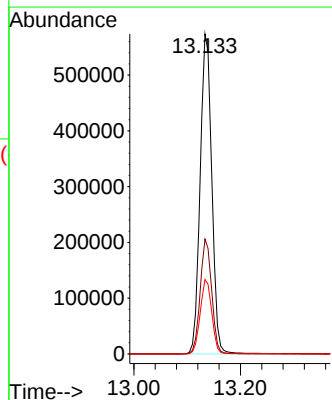
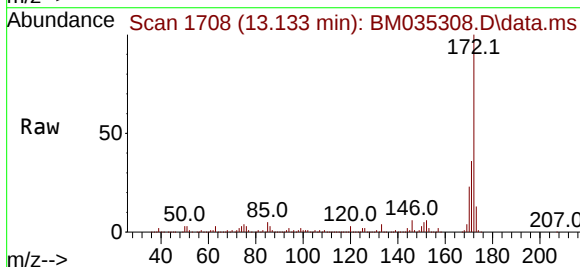
Tgt Ion:172 Resp: 871294

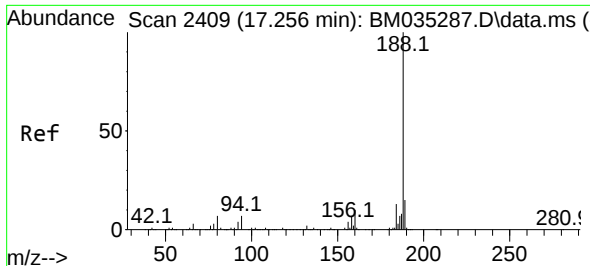
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 23.3 18.7 28.1

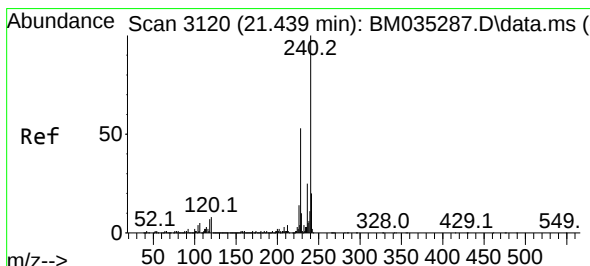
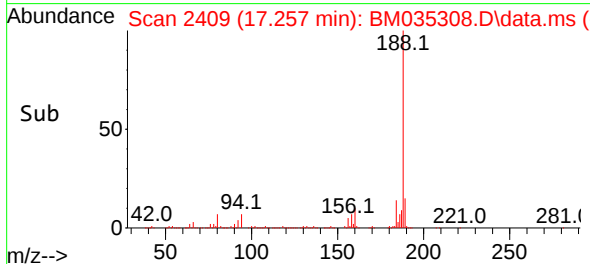
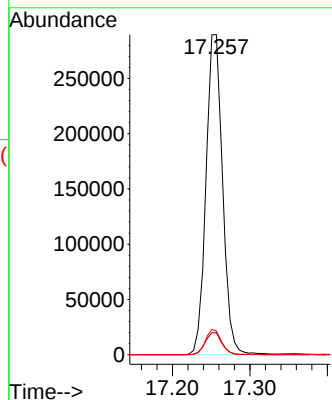
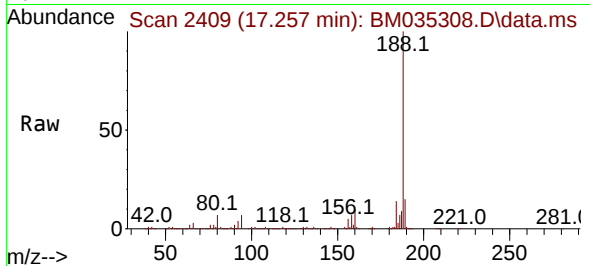




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM035308.D
Acq: 28 May 2022 14:11

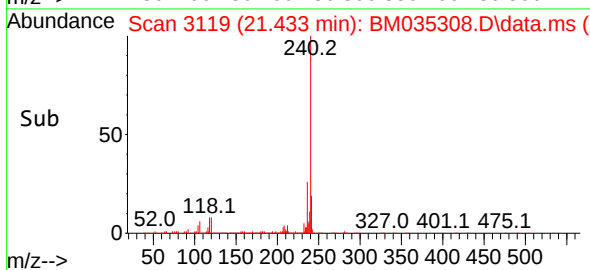
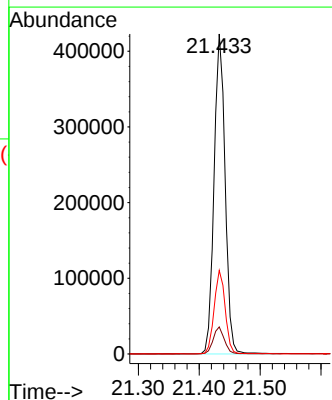
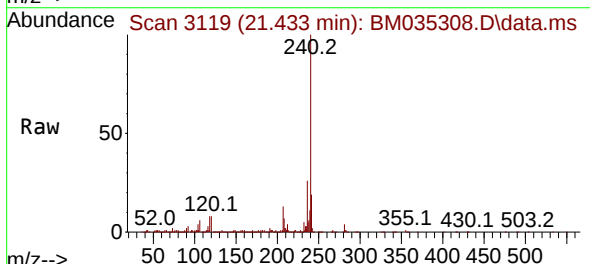
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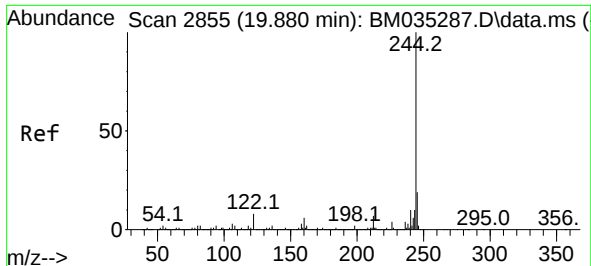
Tgt Ion:188 Resp: 430593
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.4#
80 7.4 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM035308.D
Acq: 28 May 2022 14:11

Tgt Ion:240 Resp: 534385
Ion Ratio Lower Upper
240 100
120 8.5 9.4 14.0#
236 26.1 20.6 30.8

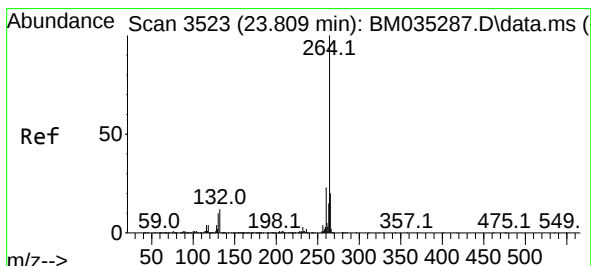
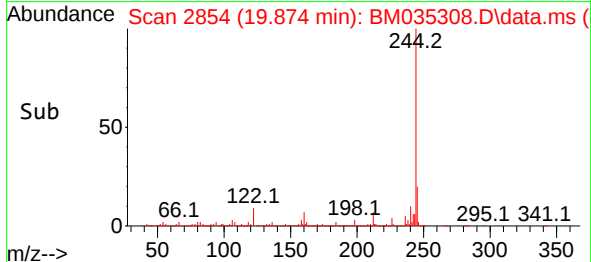
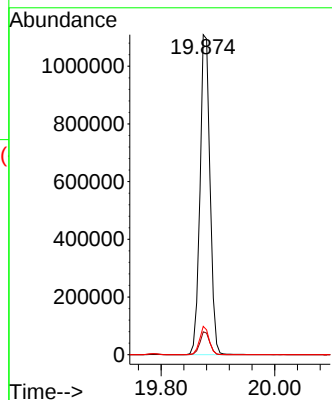
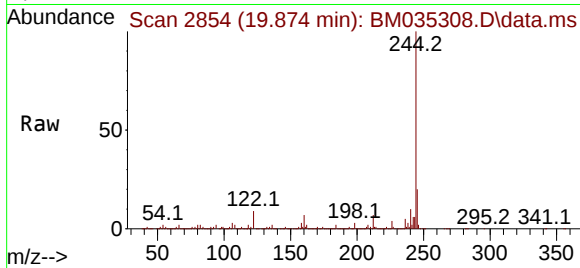




#79
 Terphenyl-d14
 Concen: 45.156 ng
 RT: 19.874 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035308.D
 Acq: 28 May 2022 14:11

Instrument :
 BNA_M
 ClientSampleId :
 P023-SS005-0006-01

Tgt Ion:244 Resp: 1361781
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 8.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 3521
 Delta R.T. -0.012 min
 Lab File: BM035308.D
 Acq: 28 May 2022 14:11

Tgt Ion:264 Resp: 651245
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.4 17.5 26.3

