

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
 Data File : BM035292.D
 Acq On : 27 May 2022 16:49
 Operator : CG/JU
 Sample : PB145147BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145147BL

Quant Time: May 28 05:11:50 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	88016	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	324515	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	217009	20.000	ng	0.00
64) Phenanthrene-d10	17.256	188	494156	20.000	ng	# 0.00
76) Chrysene-d12	21.433	240	485117	20.000	ng	# 0.00
86) Perylene-d12	23.803	264	433658	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	692006	145.167	ng	0.00
7) Phenol-d6	7.051	99	845725	137.013	ng	0.00
23) Nitrobenzene-d5	9.033	82	508271	86.219	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	467363	166.012	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	1510714	96.539	ng	0.00
79) Terphenyl-d14	19.880	244	2664380	97.322	ng	0.00

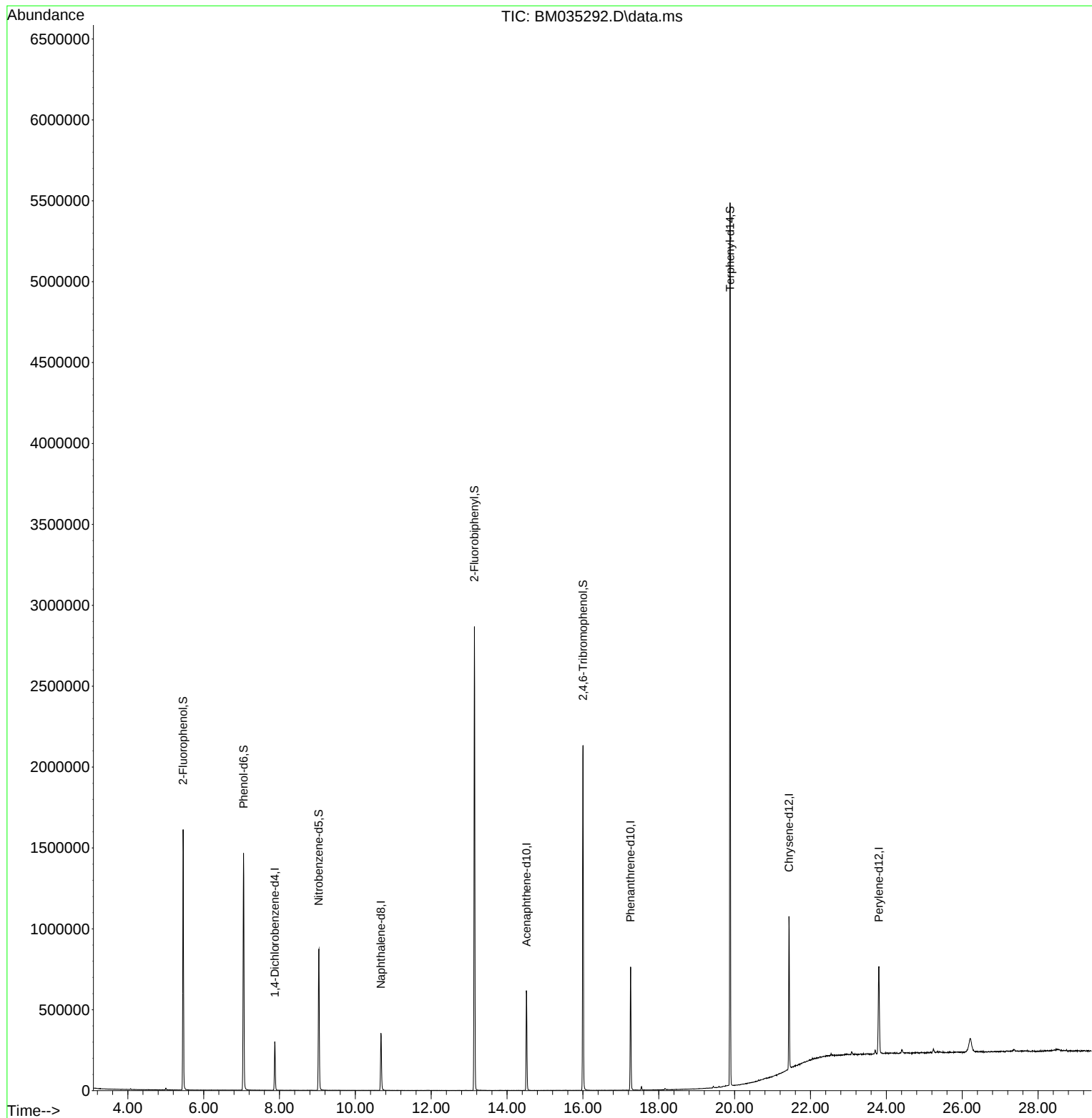
Target Compounds	Qvalue

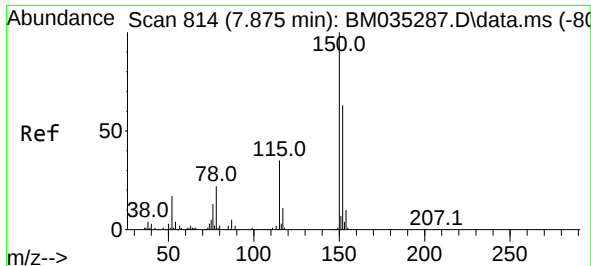
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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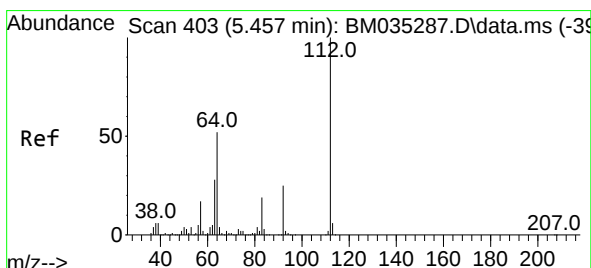
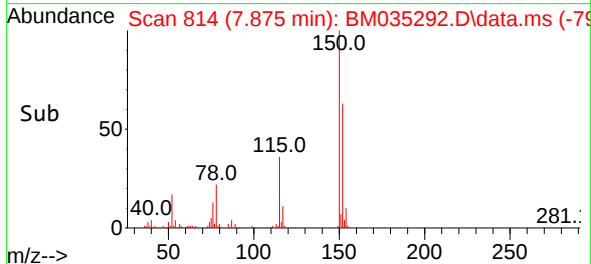
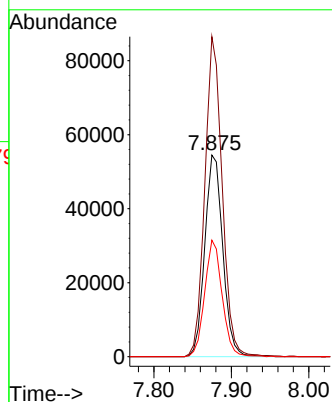
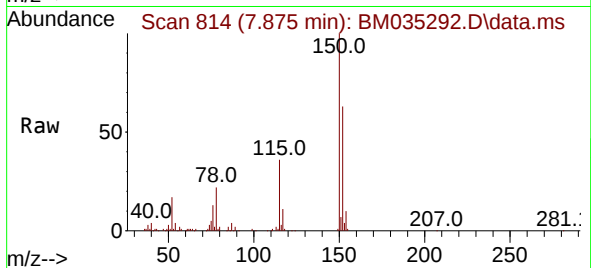




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BM035292.D
Acq: 27 May 2022 16:49

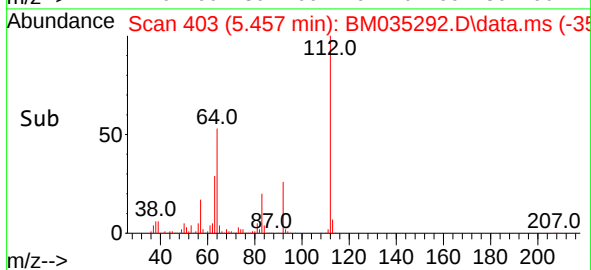
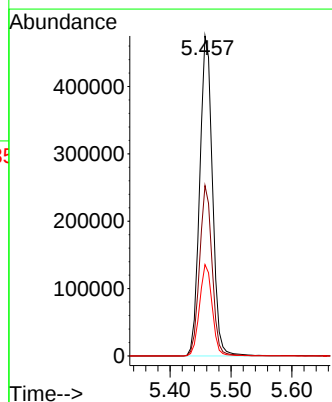
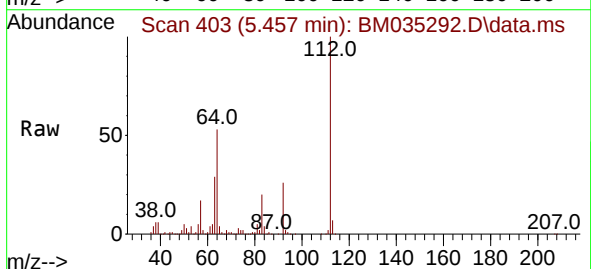
Instrument :
BNA_M
ClientSampleId :
PB145147BL

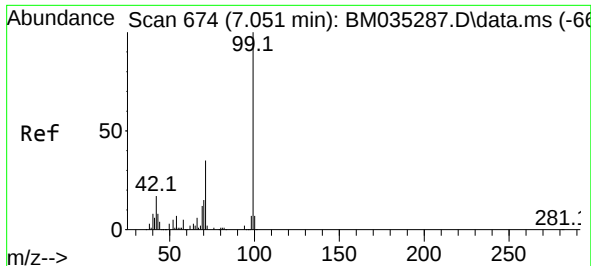
Tgt Ion:152 Resp: 88016
Ion Ratio Lower Upper
152 100
150 158.8 124.9 187.3
115 57.8 47.9 71.9



#5
2-Fluorophenol
Concen: 145.167 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM035292.D
Acq: 27 May 2022 16:49

Tgt Ion:112 Resp: 692006
Ion Ratio Lower Upper
112 100
64 53.3 47.8 71.6
63 28.6 26.6 40.0

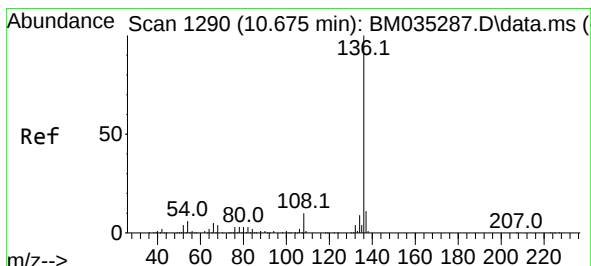
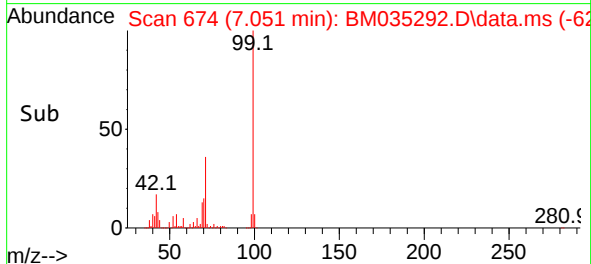
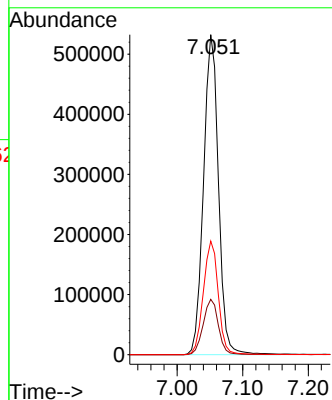
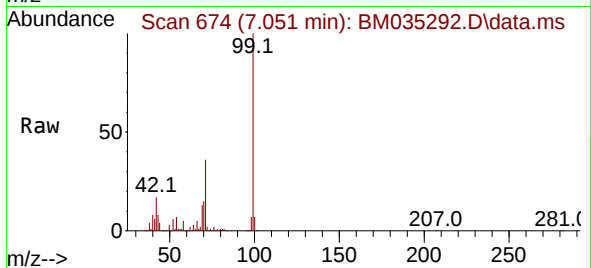




#7
Phenol-d6
Concen: 137.013 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035292.D
Acq: 27 May 2022 16:49

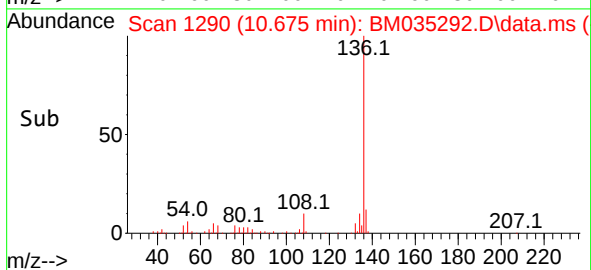
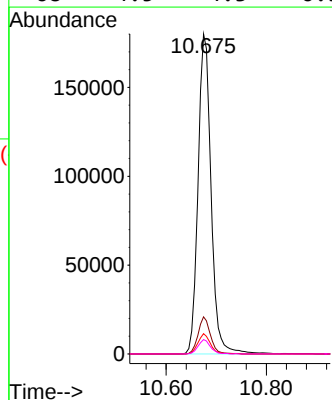
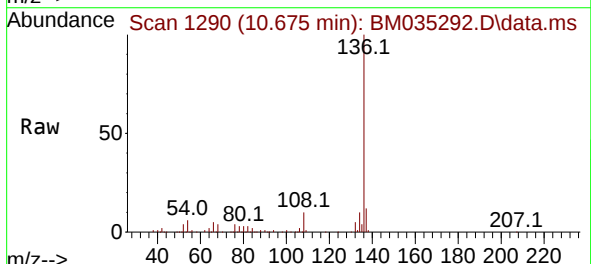
Instrument :
BNA_M
ClientSampleId :
PB145147BL

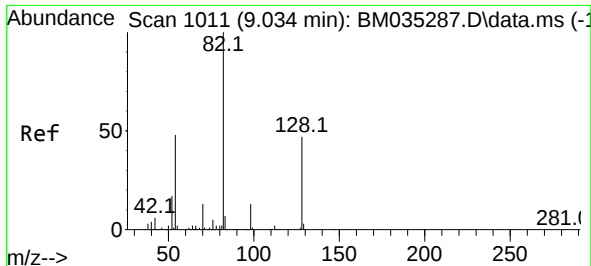
Tgt Ion: 99 Resp: 845725
Ion Ratio Lower Upper
99 100
42 17.3 18.8 28.2#
71 35.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM035292.D
Acq: 27 May 2022 16:49

Tgt Ion: 136 Resp: 324515
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 6.4 7.0 10.4#
68 4.5 4.3 6.5

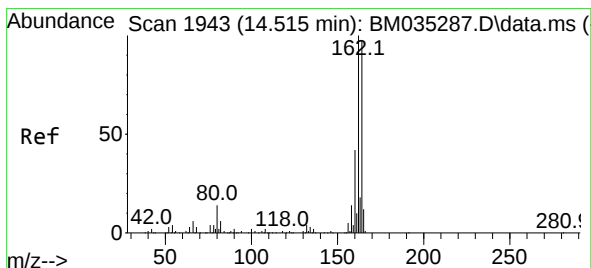
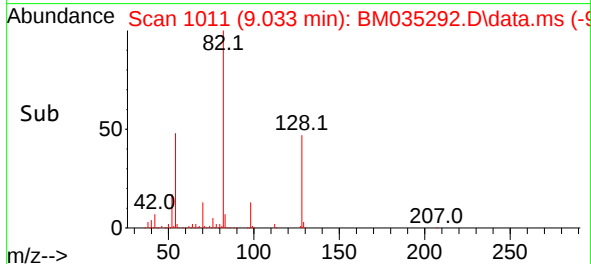
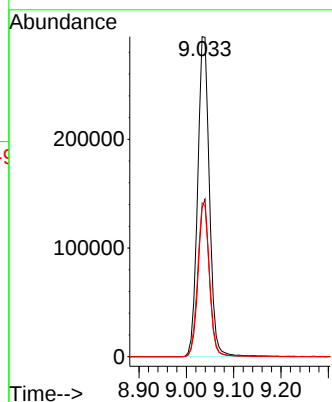
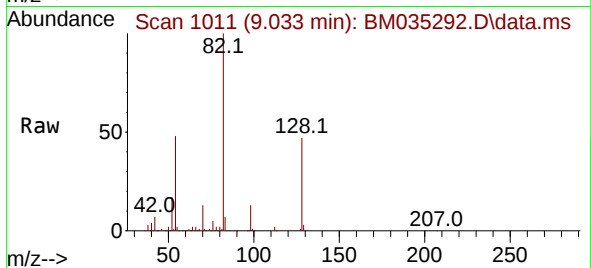




#23
Nitrobenzene-d5
Concen: 86.219 ng
RT: 9.033 min Scan# 1011
Delta R.T. -0.001 min
Lab File: BM035292.D
Acq: 27 May 2022 16:49

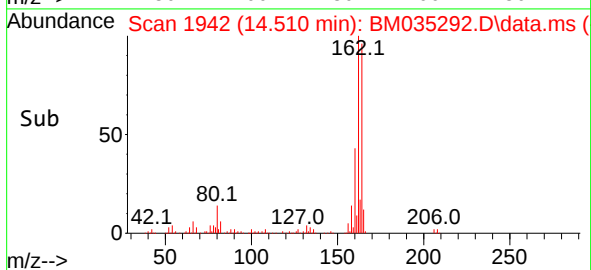
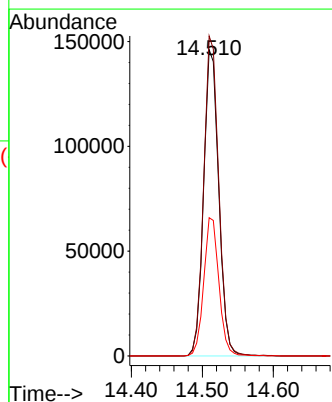
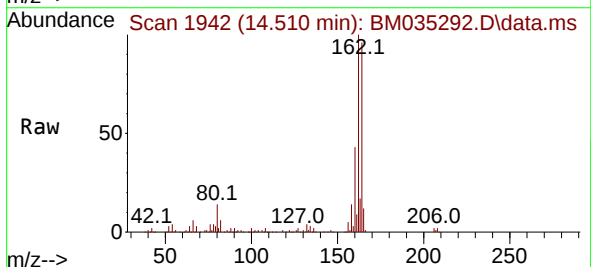
Instrument :
BNA_M
ClientSampleId :
PB145147BL

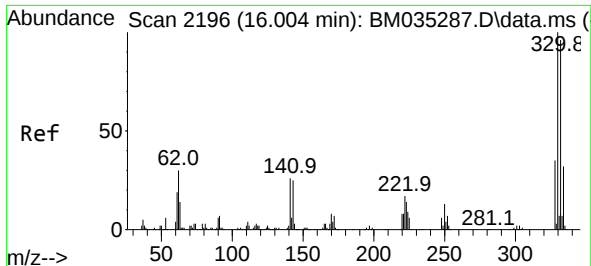
Tgt Ion: 82 Resp: 508271
Ion Ratio Lower Upper
82 100
128 46.5 33.7 50.5
54 48.0 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BM035292.D
Acq: 27 May 2022 16:49

Tgt Ion: 164 Resp: 217009
Ion Ratio Lower Upper
164 100
162 104.5 83.0 124.6
160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 166.012 ng

RT: 16.004 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035292.D

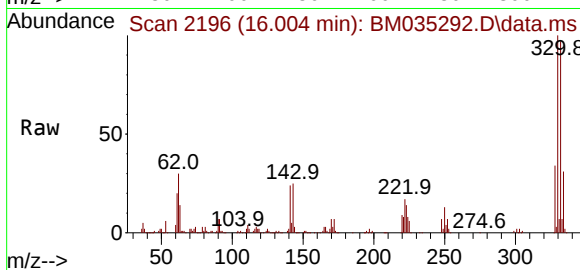
Acq: 27 May 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB145147BL



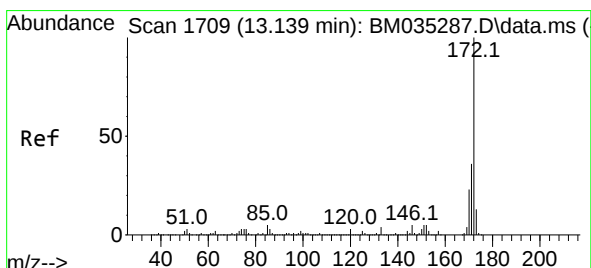
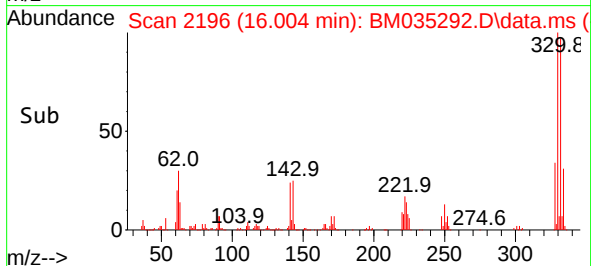
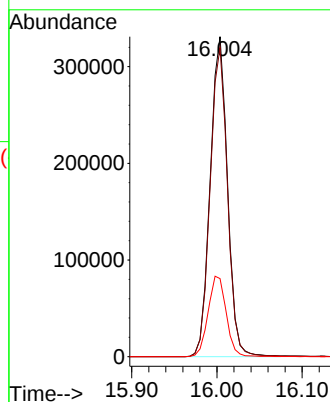
Tgt Ion:330 Resp: 467363

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.4

141 26.4 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 96.539 ng

RT: 13.139 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BM035292.D

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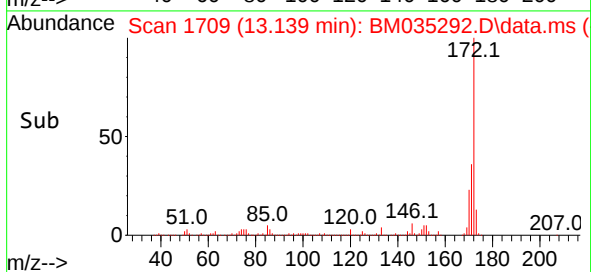
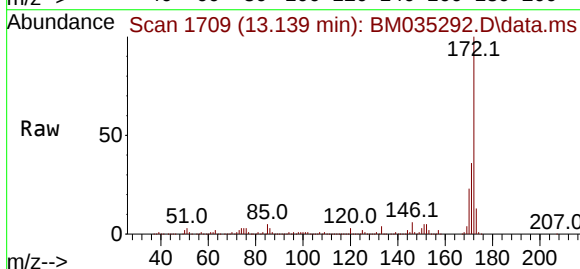
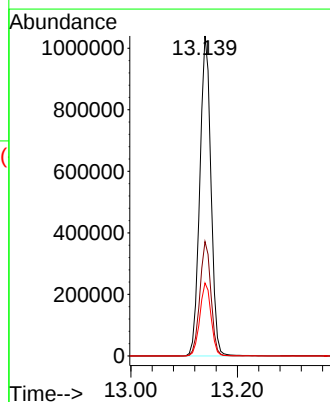
Tgt Ion:172 Resp: 1510714

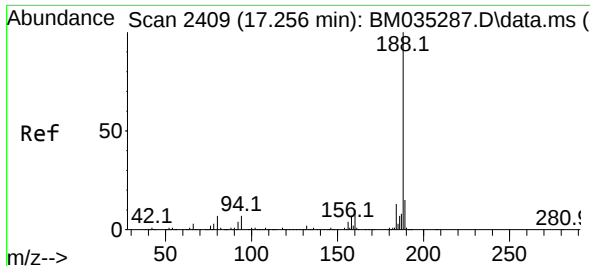
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 22.8 18.7 28.1

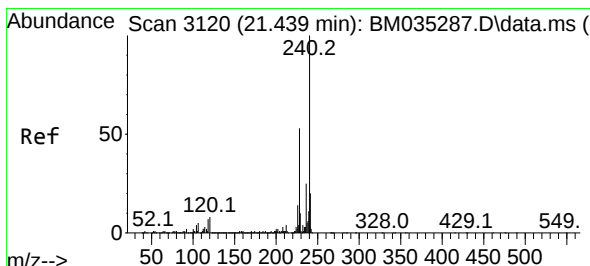
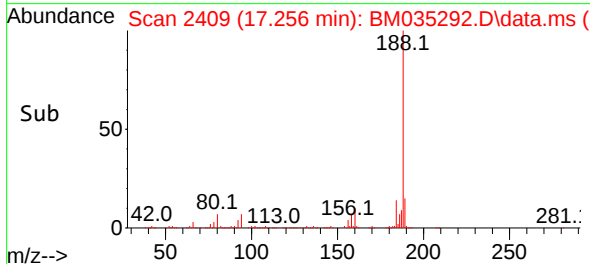
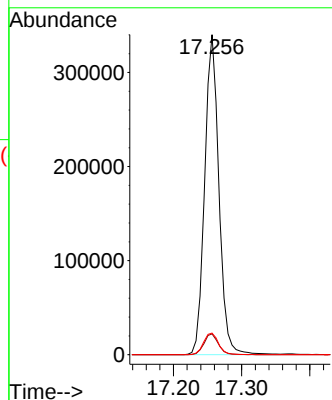
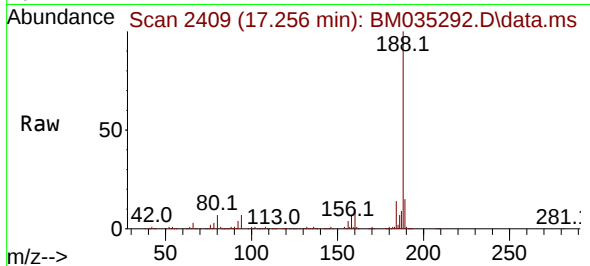




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.256 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM035292.D
Acq: 27 May 2022 16:49

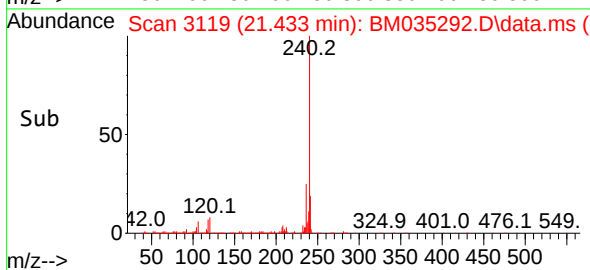
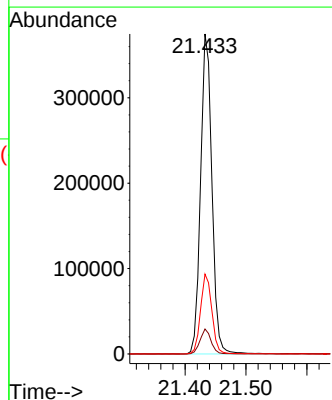
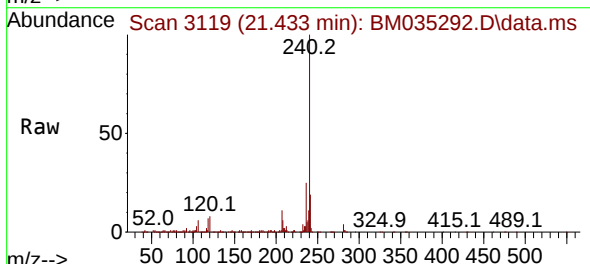
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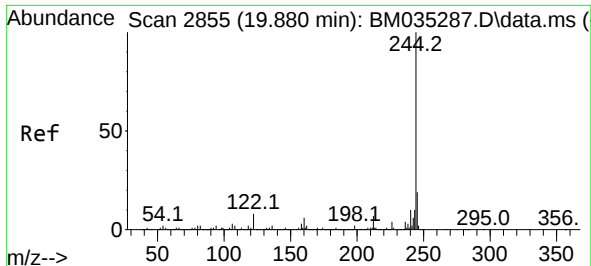
Tgt Ion:188 Resp: 494156
Ion Ratio Lower Upper
188 100
94 6.5 7.0 10.4#
80 6.8 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM035292.D
Acq: 27 May 2022 16:49

Tgt Ion:240 Resp: 485117
Ion Ratio Lower Upper
240 100
120 7.8 9.4 14.0#
236 25.0 20.6 30.8

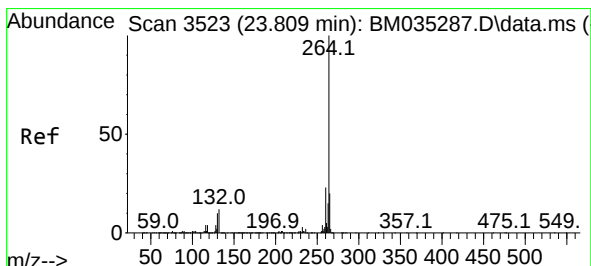
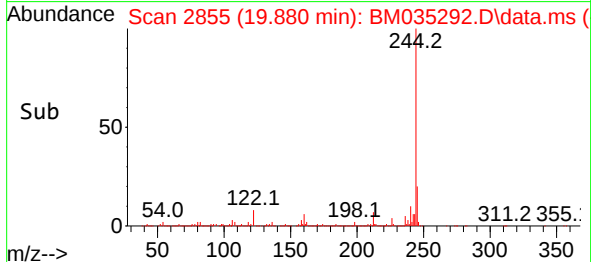
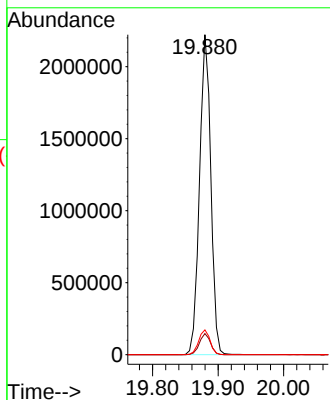
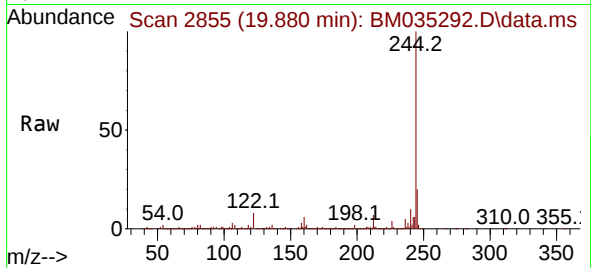




#79
 Terphenyl-d14
 Concen: 97.322 ng
 RT: 19.880 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM035292.D
 Acq: 27 May 2022 16:49

Instrument :
 BNA_M
 ClientSampleId :
 PB145147BL

Tgt Ion:244 Resp: 2664380
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.2 9.4
 122 7.8 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.803 min Scan# 3522
 Delta R.T. -0.006 min
 Lab File: BM035292.D
 Acq: 27 May 2022 16:49

Tgt Ion:264 Resp: 433658
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.6 17.5 26.3

