

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052622\
 Data File : BM035280.D
 Acq On : 26 May 2022 22:29
 Operator : CG/JU
 Sample : N3041-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2147

Quant Time: May 27 03:35:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 26 18:41:37 2022
 Response via : Initial Calibration

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

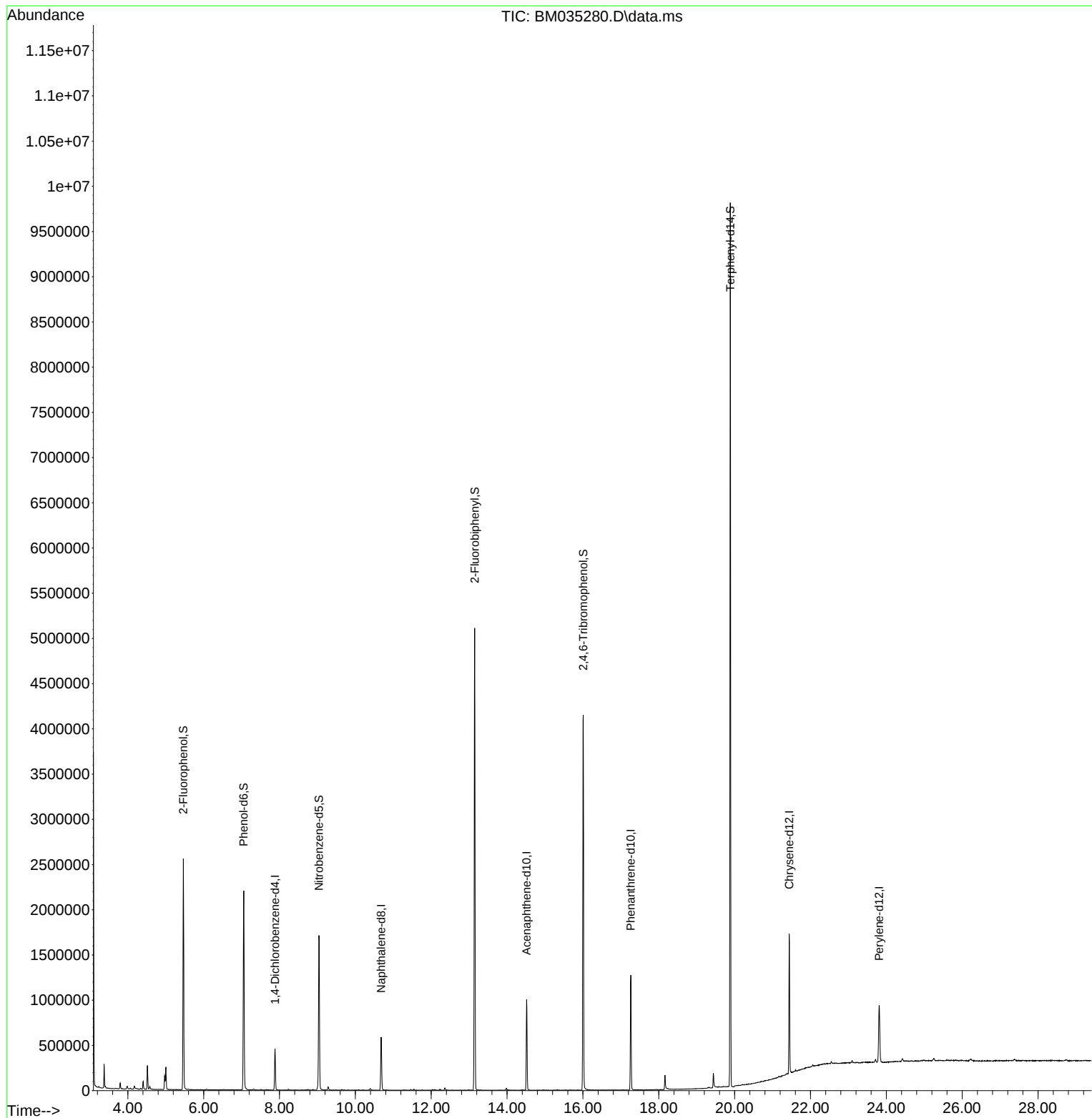
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	123580	20.000	ng	0.00
21) Naphthalene-d8	10.680	136	498444	20.000	ng	0.00
39) Acenaphthene-d10	14.515	164	339823	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	774285	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	746257	20.000	ng	#-0.01
86) Perylene-d12	23.809	264	425370	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1044772	163.393	ng	0.00
7) Phenol-d6	7.057	99	1181892	133.130	ng	0.00
23) Nitrobenzene-d5	9.039	82	965072	111.611	ng	0.00
42) 2,4,6-Tribromophenol	16.009	330	755681	135.985	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	2539440	106.175	ng	0.00
79) Terphenyl-d14	19.886	244	4209650	110.470	ng	0.00
Target Compounds						
9) Benzaldehyde	6.992	77	120	Below Cal	#	Qvalue 49

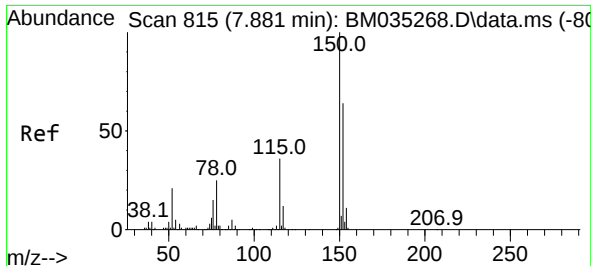
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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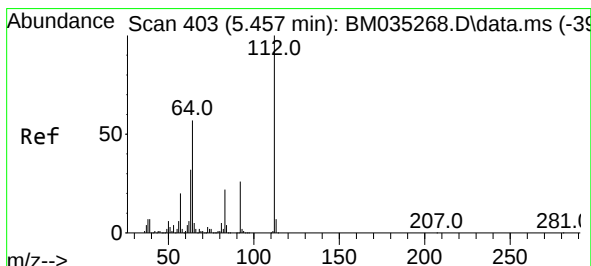
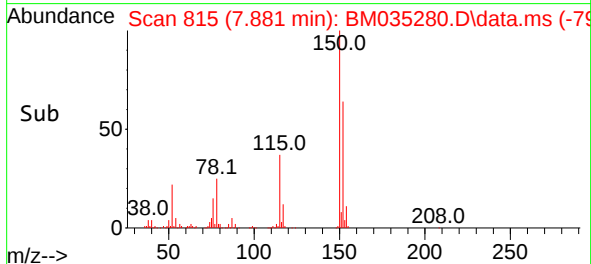
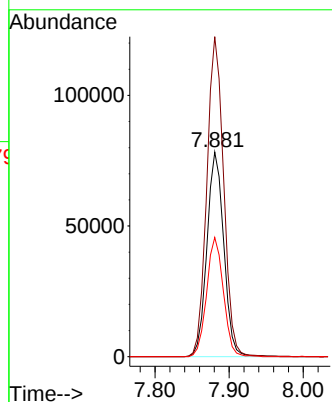
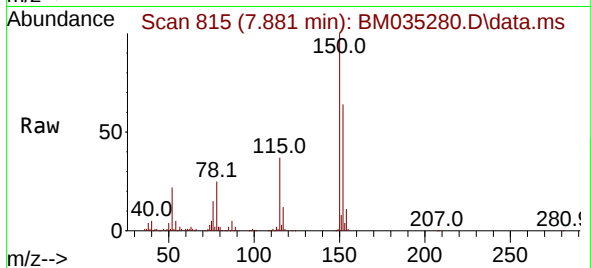




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BM035280.D
Acq: 26 May 2022 22:29

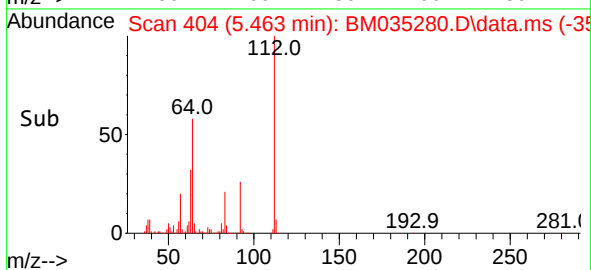
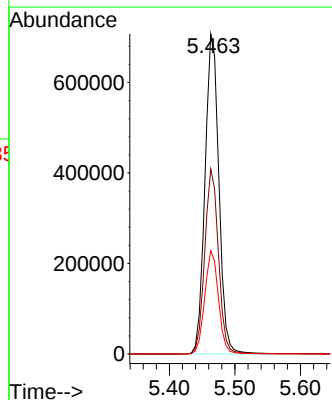
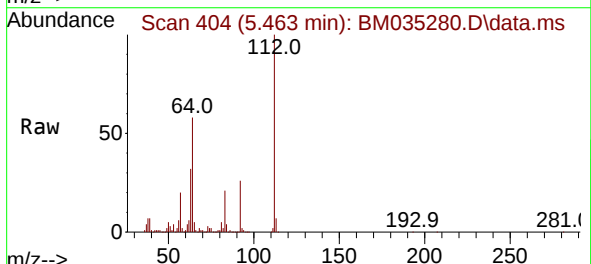
Instrument :
BNA_M
ClientSampleId :
2147

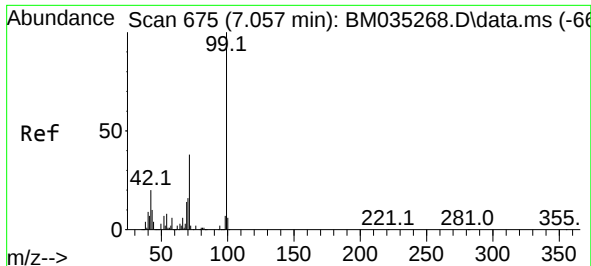
Tgt Ion:152 Resp: 123580
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 58.3 47.9 71.9



#5
2-Fluorophenol
Concen: 163.393 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.006 min
Lab File: BM035280.D
Acq: 26 May 2022 22:29

Tgt Ion:112 Resp: 1044772
Ion Ratio Lower Upper
112 100
64 57.8 47.8 71.6
63 32.3 26.6 40.0

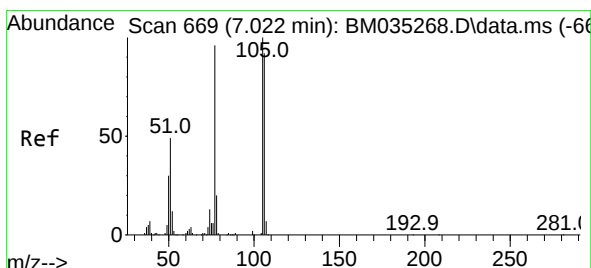
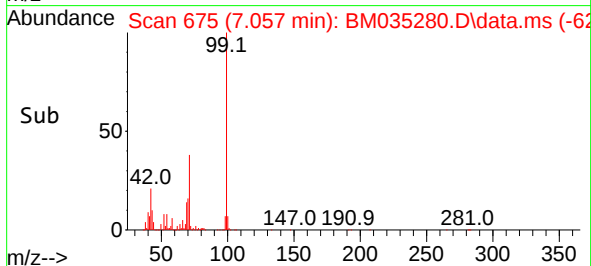
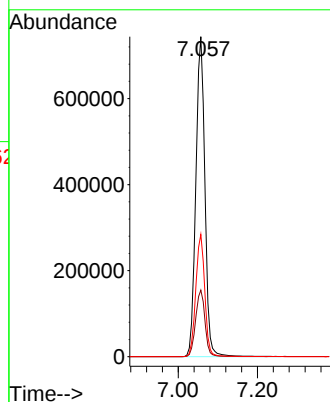
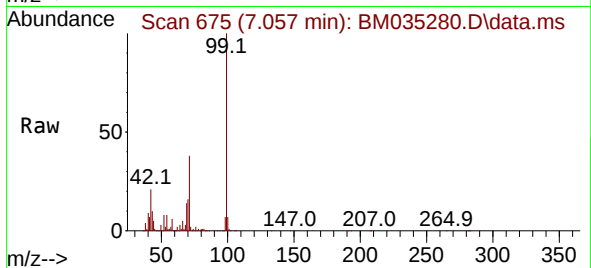




#7
Phenol-d6
Concen: 133.130 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035280.D
Acq: 26 May 2022 22:29

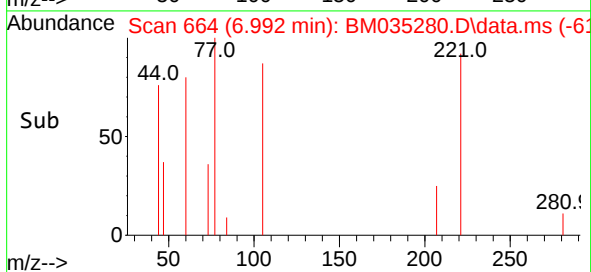
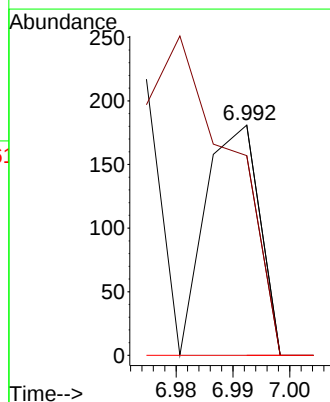
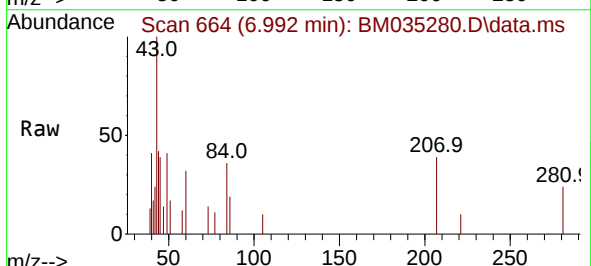
Instrument :
BNA_M
ClientSampleId :
2147

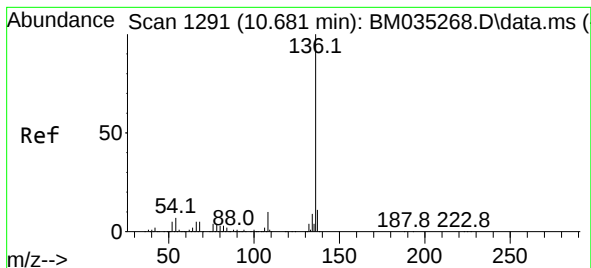
Tgt Ion: 99 Resp: 1181892
Ion Ratio Lower Upper
99 100
42 20.8 18.8 28.2
71 38.2 30.2 45.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.992 min Scan# 664
Delta R.T. -0.030 min
Lab File: BM035280.D
Acq: 26 May 2022 22:29

Tgt Ion: 77 Resp: 120
Ion Ratio Lower Upper
77 100
105 86.7 76.3 116.3
106 0.0 69.0 109.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.680 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035280.D

Acq: 26 May 2022 22:29

Instrument :

BNA_M

ClientSampleId :

2147

Tgt Ion:136 Resp: 498444

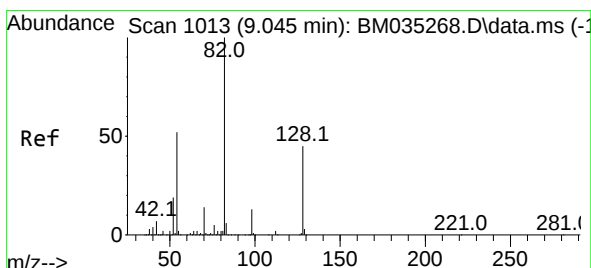
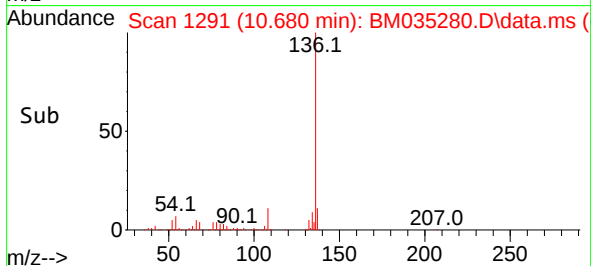
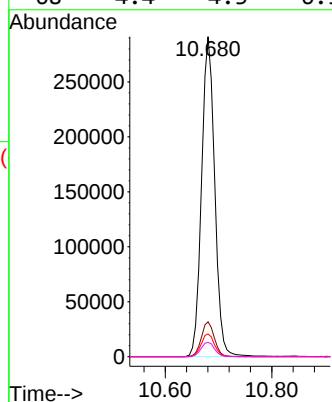
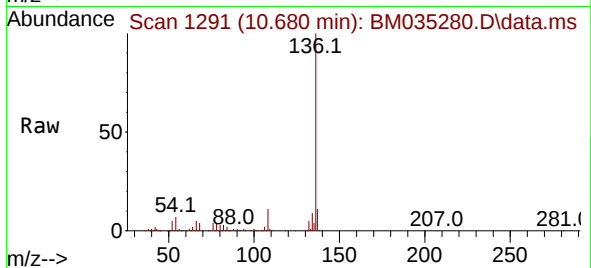
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 7.0 10.4

68 4.4 4.3 6.5



#23

Nitrobenzene-d5

Concen: 111.611 ng

RT: 9.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM035280.D

Acq: 26 May 2022 22:29

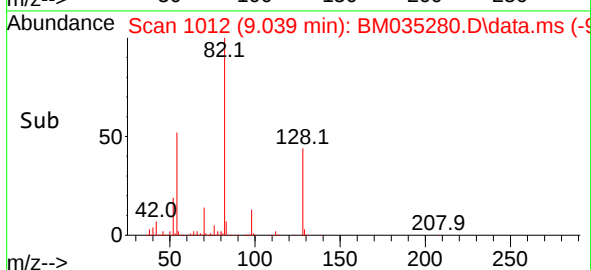
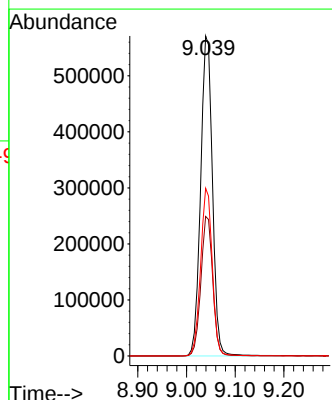
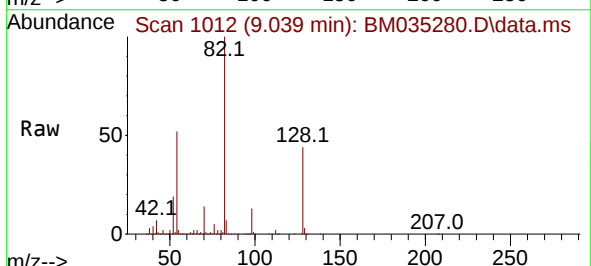
Tgt Ion: 82 Resp: 965072

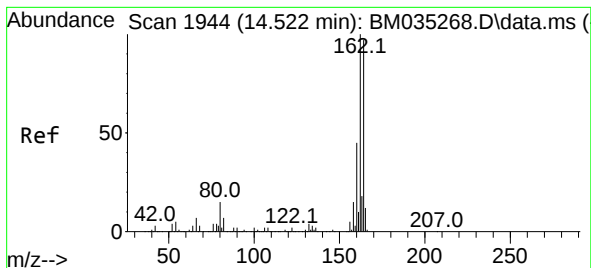
Ion Ratio Lower Upper

82 100

128 43.6 33.7 50.5

54 52.4 43.2 64.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.515 min Scan# 1943

Delta R.T. -0.007 min

Lab File: BM035280.D

Acq: 26 May 2022 22:29

Instrument :

BNA_M

ClientSampleId :

2147

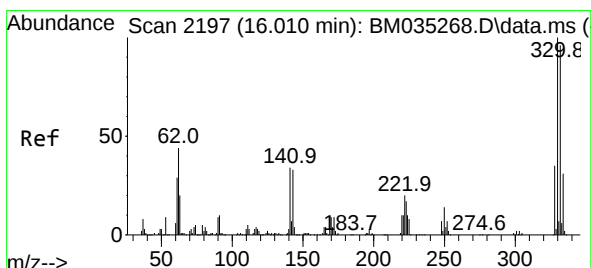
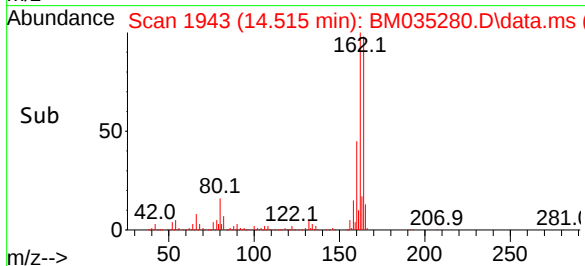
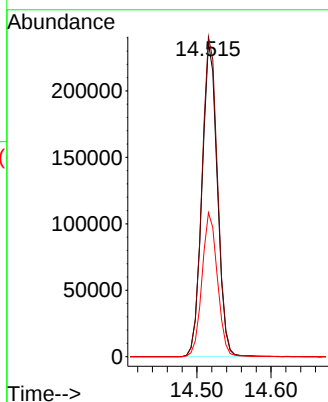
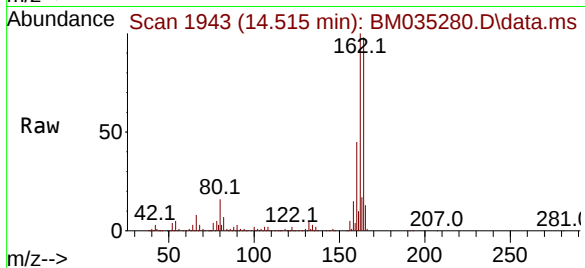
Tgt Ion:164 Resp: 339823

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.6

160 45.8 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 135.985 ng

RT: 16.009 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BM035280.D

Acq: 26 May 2022 22:29

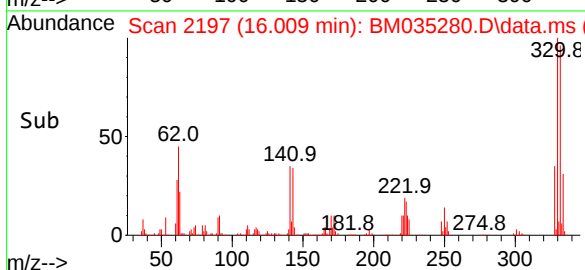
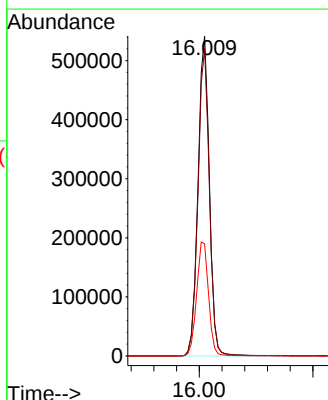
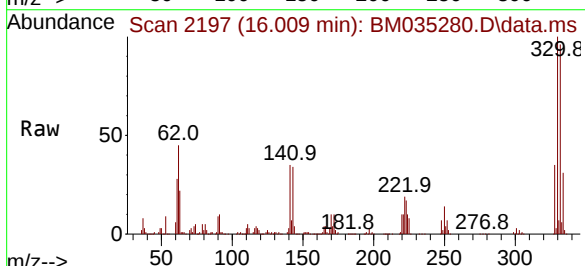
Tgt Ion:330 Resp: 755681

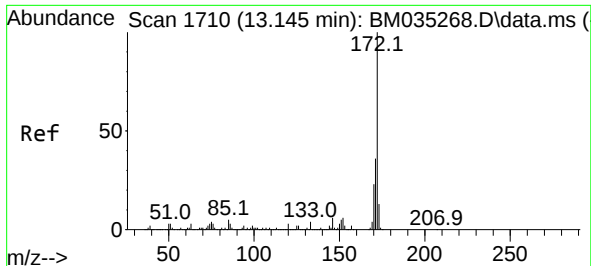
Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 37.4 35.3 52.9

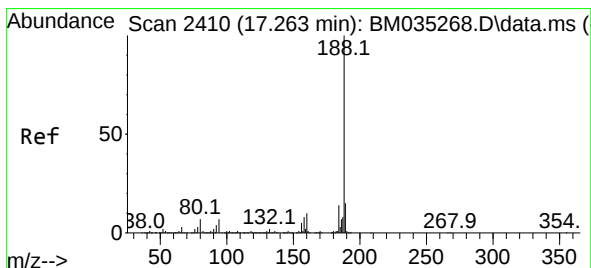
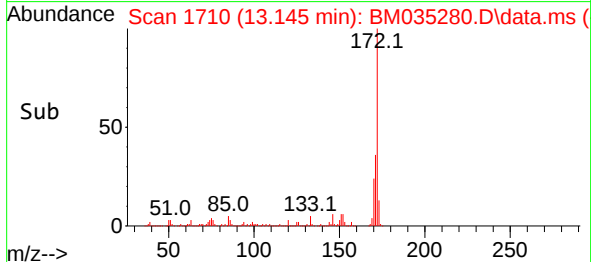
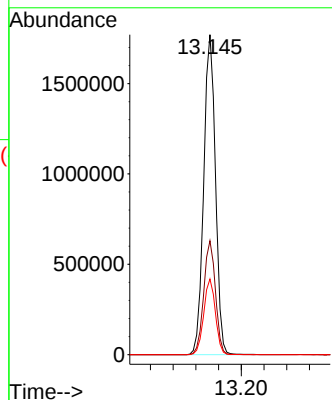
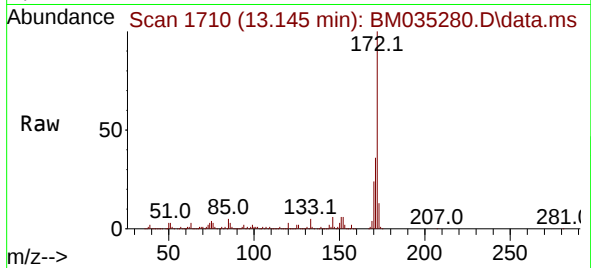




#45
2-Fluorobiphenyl
Concen: 106.175 ng
RT: 13.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035280.D
Acq: 26 May 2022 22:29

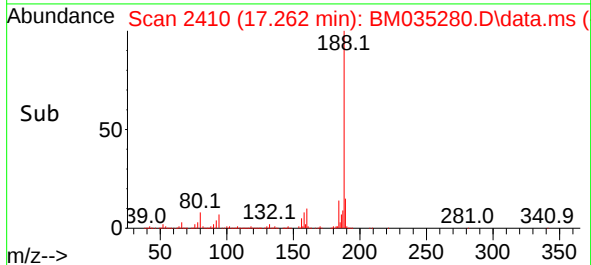
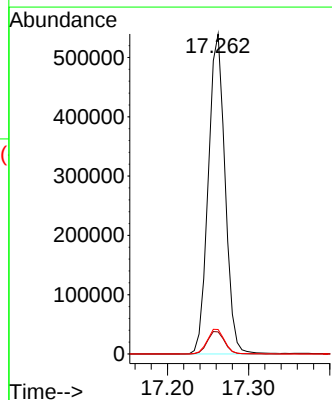
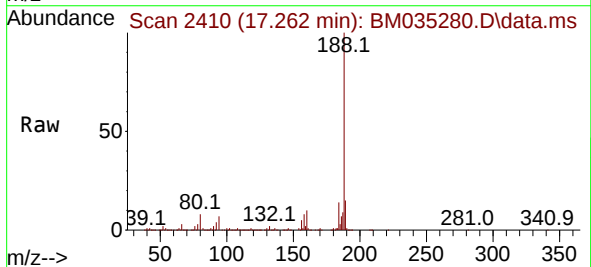
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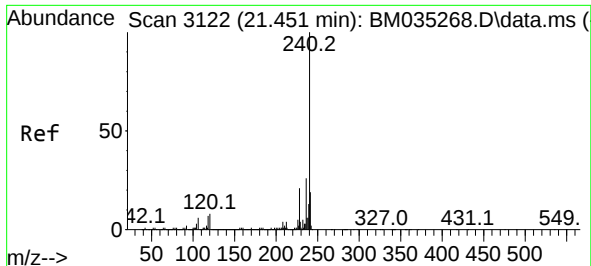
Tgt Ion:172 Resp: 2539440
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.7 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.262 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BM035280.D
Acq: 26 May 2022 22:29

Tgt Ion:188 Resp: 774285
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.4#
80 7.7 7.6 11.4

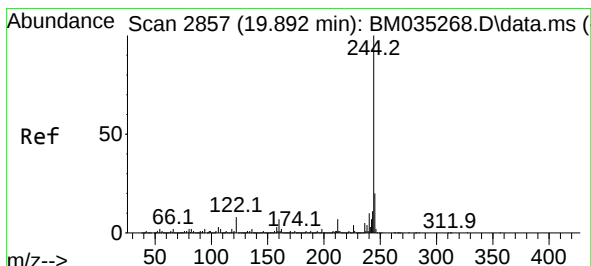
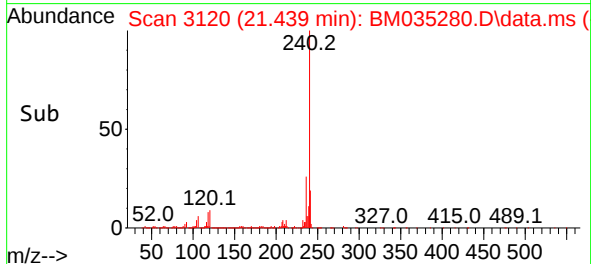
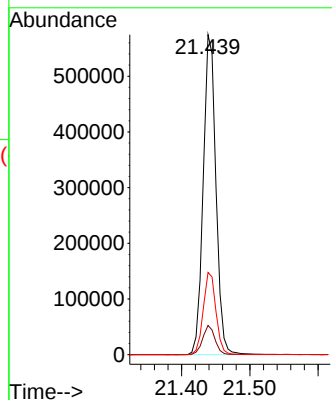
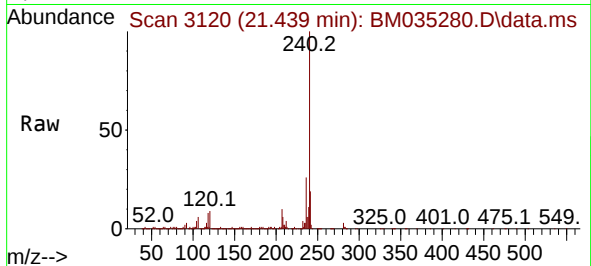




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BM035280.D
Acq: 26 May 2022 22:29

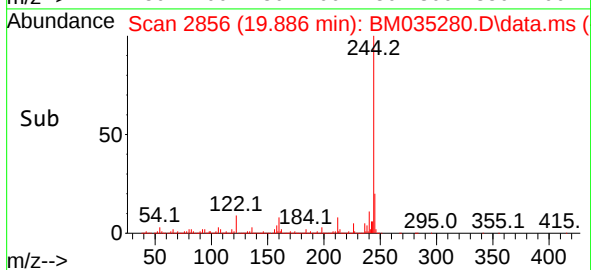
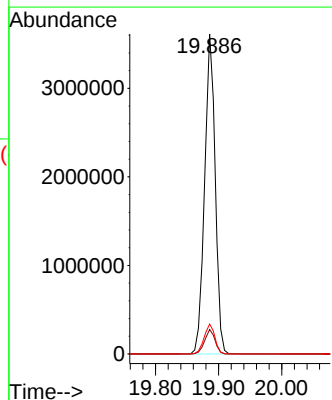
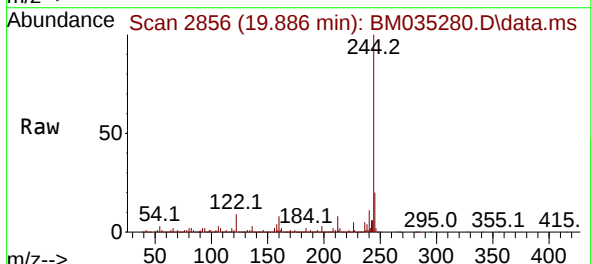
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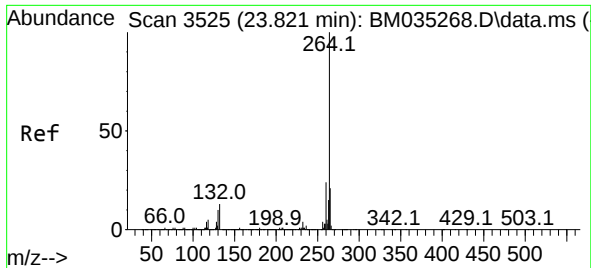
Tgt Ion:240 Resp: 746257
Ion Ratio Lower Upper
240 100
120 9.2 9.4 14.0#
236 25.7 20.6 30.8



#79
Terphenyl-d14
Concen: 110.470 ng
RT: 19.886 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BM035280.D
Acq: 26 May 2022 22:29

Tgt Ion:244 Resp: 4209650
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.4 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.809 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM035280.D
Acq: 26 May 2022 22:29

Instrument :
BNA_M
ClientSampleId :
2147

Tgt Ion:264 Resp: 425370

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.9	28.3
265	22.3	17.5	26.3

