

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
 Data File : BM028256.D
 Acq On : 23 Dec 2020 17:54
 Operator : JU/CG
 Sample : L5188-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 01:55:10 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 23 12:17:02 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	136625	20.00	ng	0.00
21) Naphthalene-d8	11.028	136	519672	20.00	ng	# 0.00
39) Acenaphthene-d10	14.828	164	270245	20.00	ng	0.00
64) Phenanthrene-d10	17.545	188	508415	20.00	ng	# 0.00
76) Chrysene-d12	21.662	240	465196	20.00	ng	# 0.00
86) Perylene-d12	24.027	264	485340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	176790	21.32	ng	0.00
7) Phenol-d6	7.334	99	224400	18.95	ng	0.00
23) Nitrobenzene-d5	9.369	82	133622	12.76	ng	0.00
42) 2,4,6-Tribromophenol	16.298	330	64028	17.85	ng	0.00
45) 2-Fluorobiphenyl	13.451	172	258972	12.46	ng	0.00
79) Terphenyl-d14	20.115	244	274061	10.69	ng	0.00

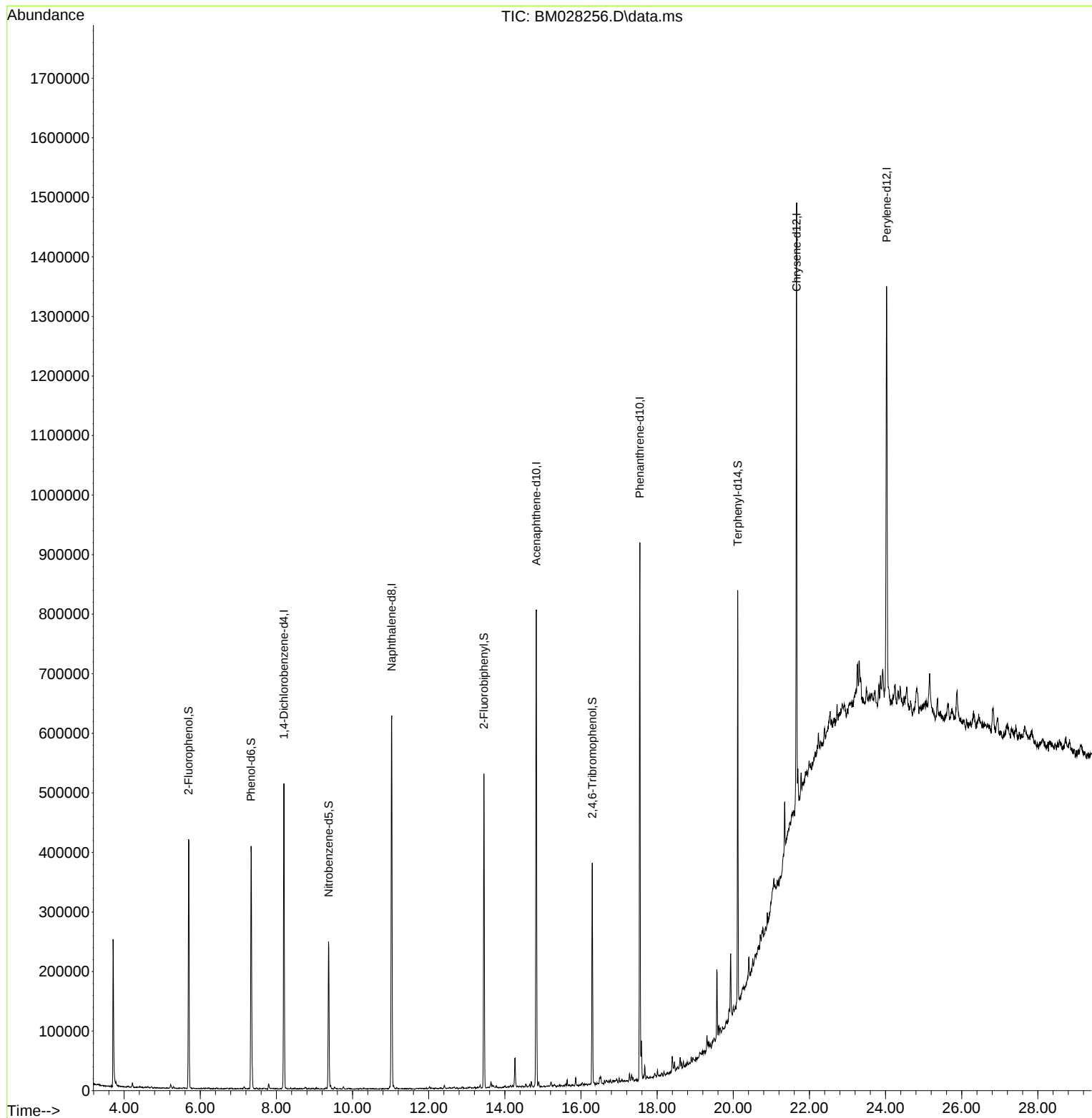
Target Compounds	Qvalue

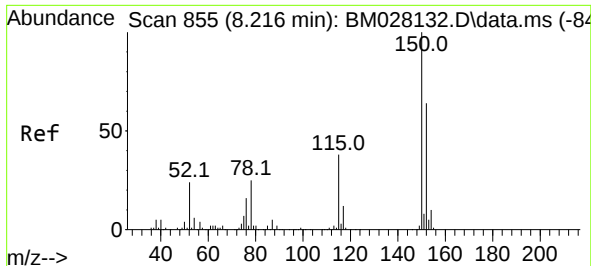
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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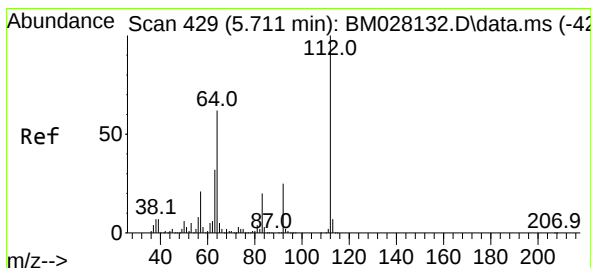
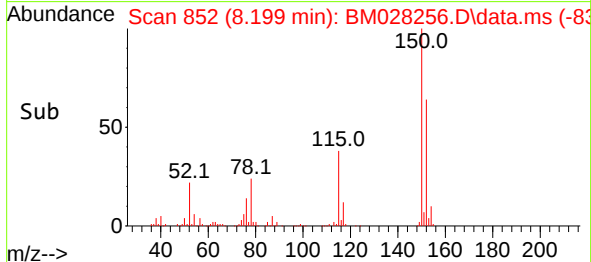
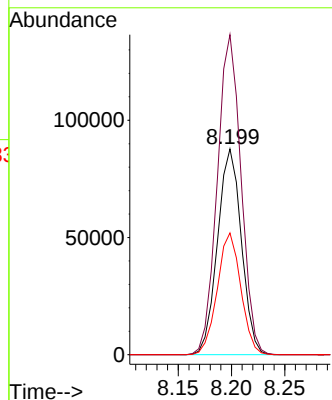
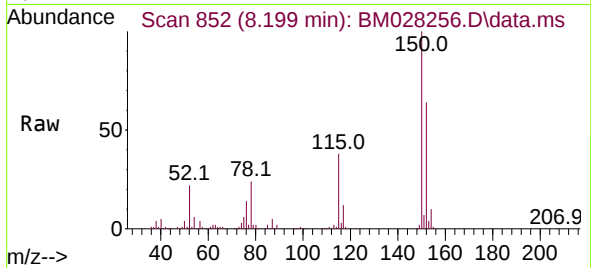




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.199 min Scan# 852
Delta R.T. 0.001 min
Lab File: BM028256.D
Acq: 23 Dec 2020 17:54

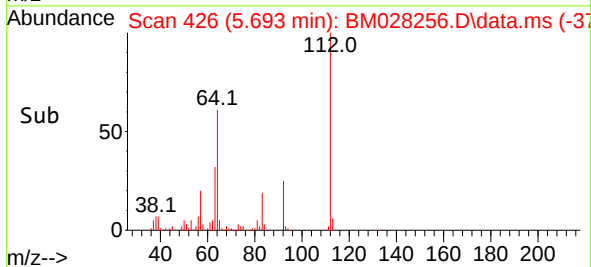
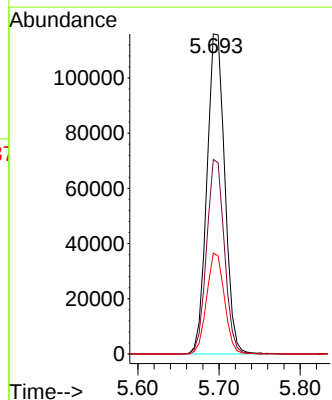
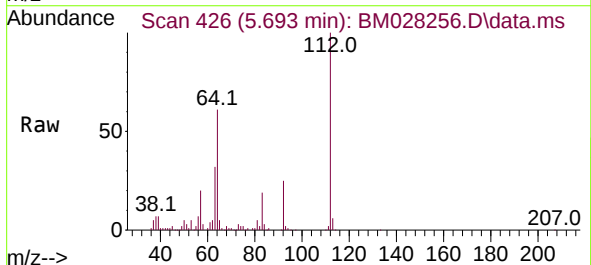
Instrument :
BNA_M
ClientSampled :

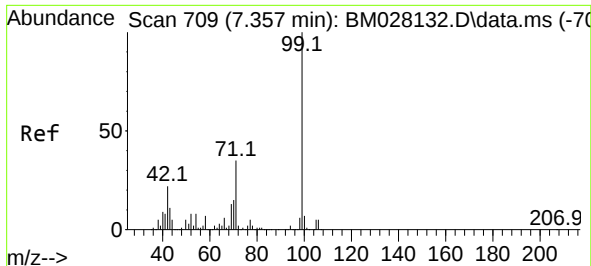
Tgt Ion:152 Resp: 136625
Ion Ratio Lower Upper
152 100
150 155.6 120.6 181.0
115 59.2 47.2 70.8



#5
2-Fluorophenol
Concen: 21.32 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.000 min
Lab File: BM028256.D
Acq: 23 Dec 2020 17:54

Tgt Ion:112 Resp: 176790
Ion Ratio Lower Upper
112 100
64 60.8 50.6 76.0
63 31.5 31.0 46.6

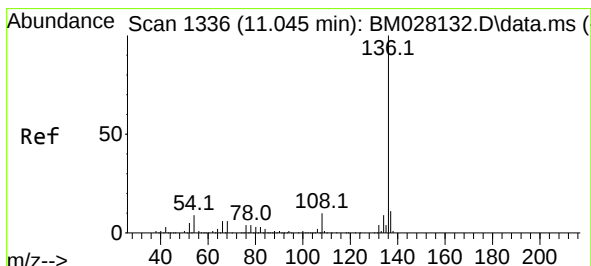
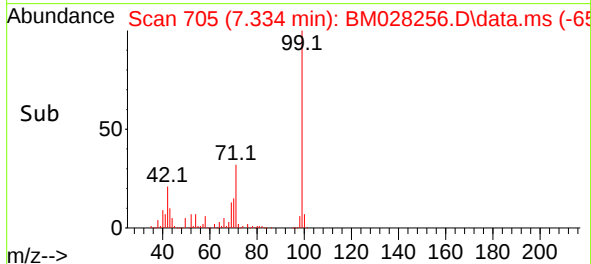
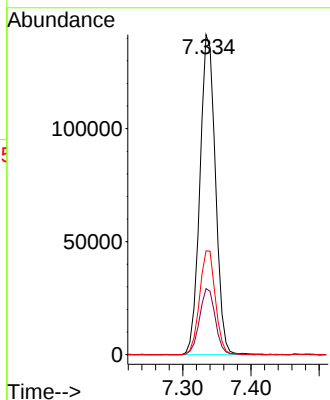
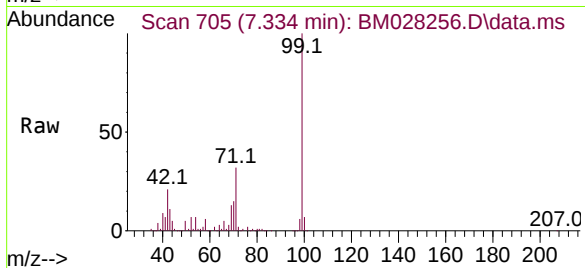




#7
Phenol-d6
Concen: 18.95 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM028256.D
Acq: 23 Dec 2020 17:54

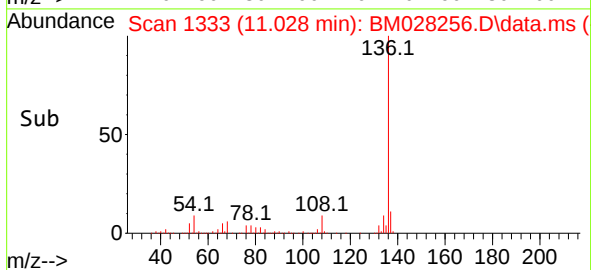
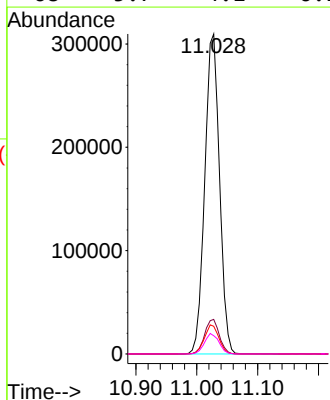
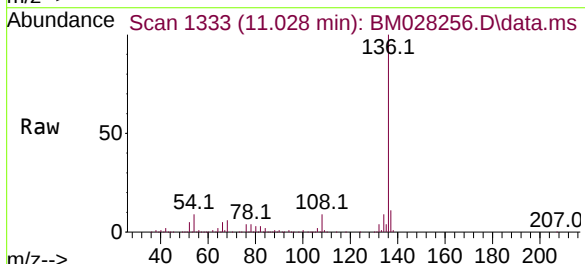
Instrument :
BNA_M
ClientSampleId :

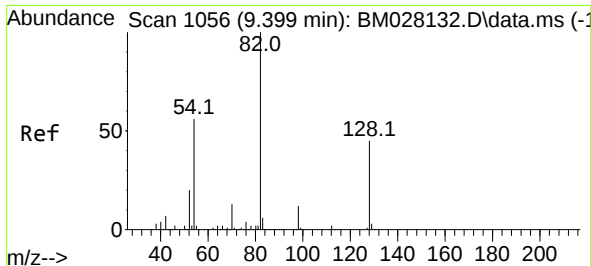
Tgt Ion: 99 Resp: 224400
Ion Ratio Lower Upper
99 100
42 20.7 13.5 20.3#
71 32.5 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.028 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM028256.D
Acq: 23 Dec 2020 17:54

Tgt Ion: 136 Resp: 519672
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.6 4.6 7.0#
68 5.7 4.1 6.1

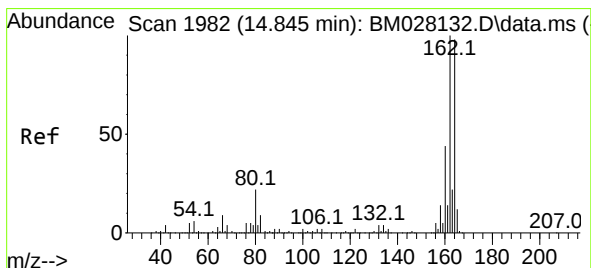
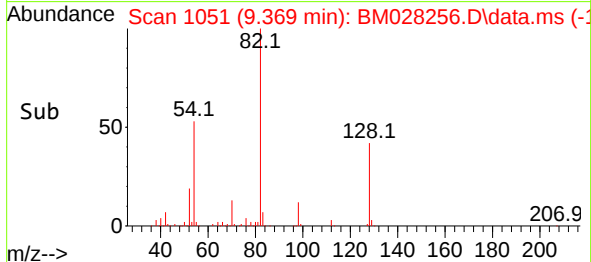
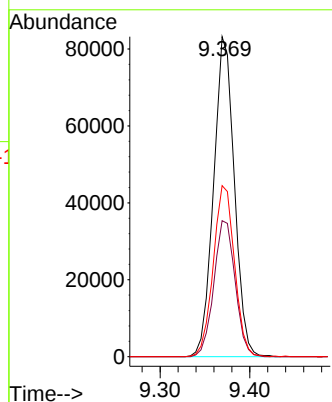
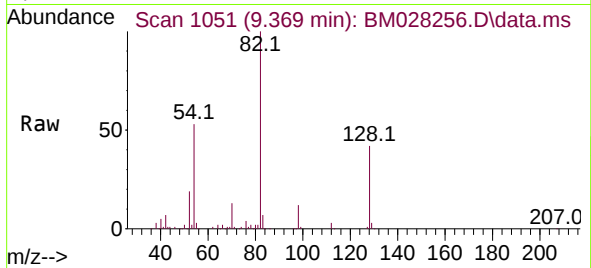




#23
Nitrobenzene-d5
Concen: 12.76 ng
RT: 9.369 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BM028256.D
Acq: 23 Dec 2020 17:54

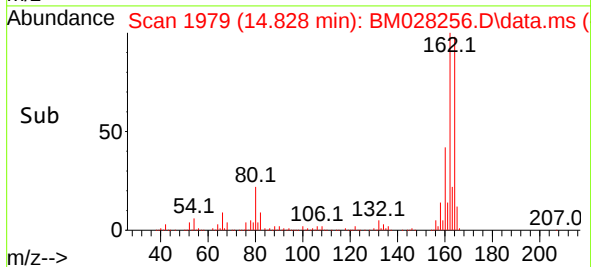
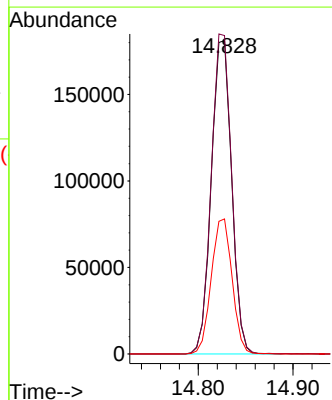
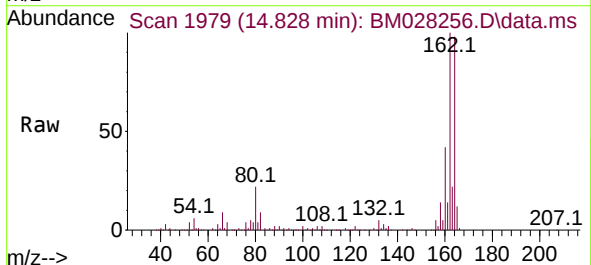
Instrument :
BNA_M
ClientSampleId :

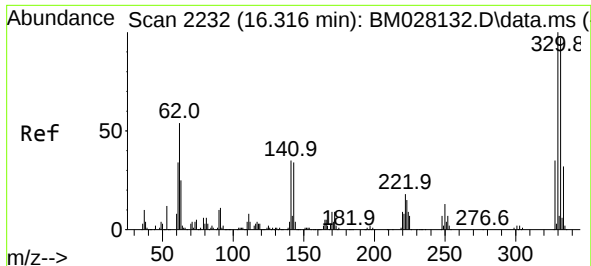
Tgt Ion: 82 Resp: 133622
Ion Ratio Lower Upper
82 100
128 42.5 27.4 41.0#
54 53.4 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.828 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BM028256.D
Acq: 23 Dec 2020 17:54

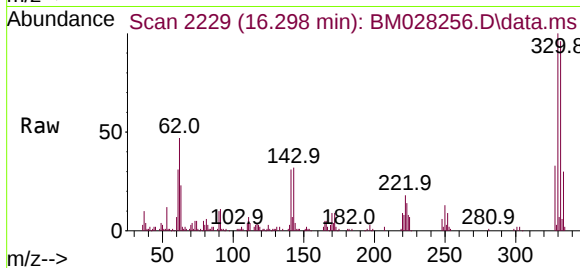
Tgt Ion:164 Resp: 270245
Ion Ratio Lower Upper
164 100
162 101.7 80.4 120.6
160 43.1 35.9 53.9



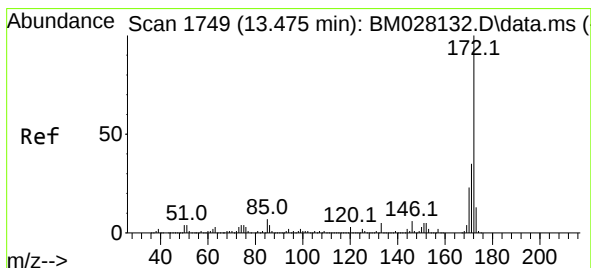
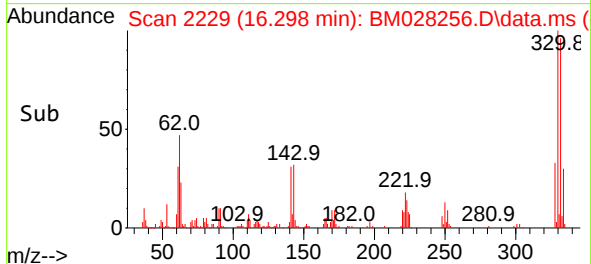
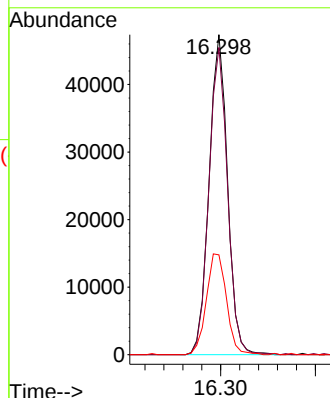


#42
2,4,6-Tribromophenol
Concen: 17.85 ng
RT: 16.298 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BM028256.D
Acq: 23 Dec 2020 17:54

Instrument :
BNA_M
ClientSampled :

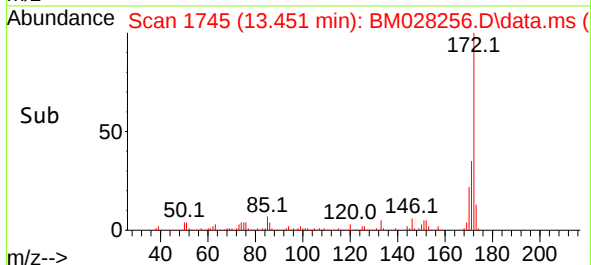
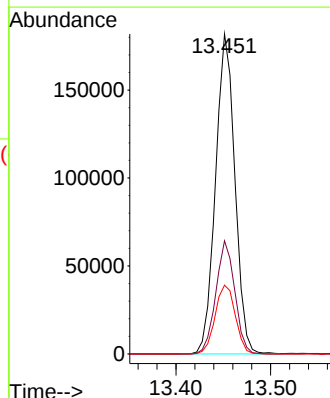
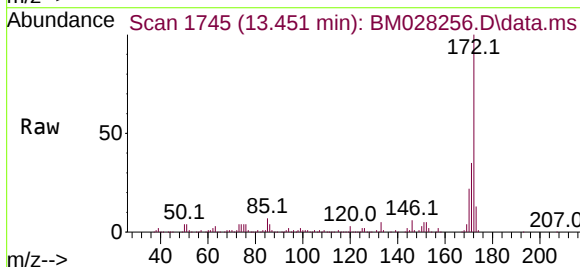


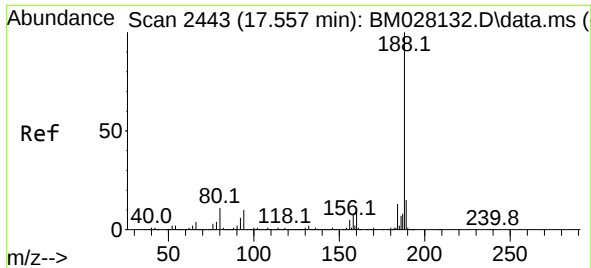
Tgt Ion:330 Resp: 64028
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 34.5 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 12.46 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM028256.D
Acq: 23 Dec 2020 17:54

Tgt Ion:172 Resp: 258972
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 21.5 18.6 27.8

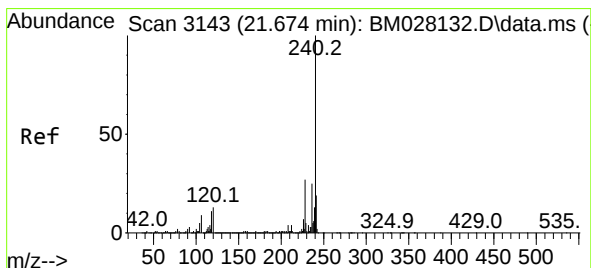
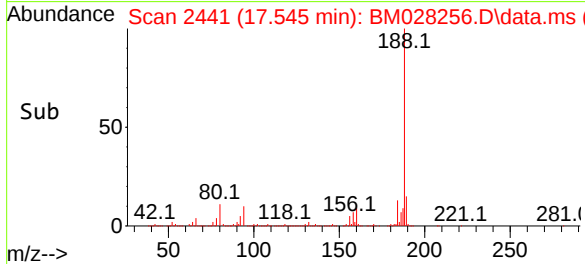
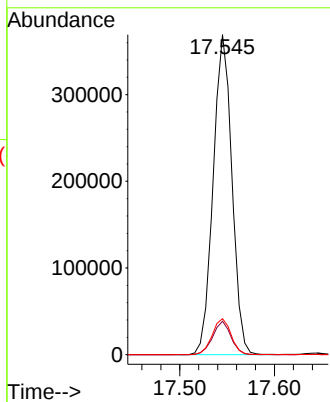
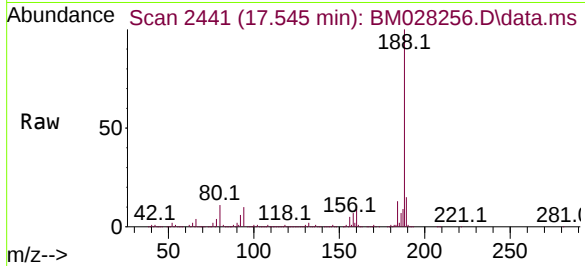




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.545 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BM028256.D
Acq: 23 Dec 2020 17:54

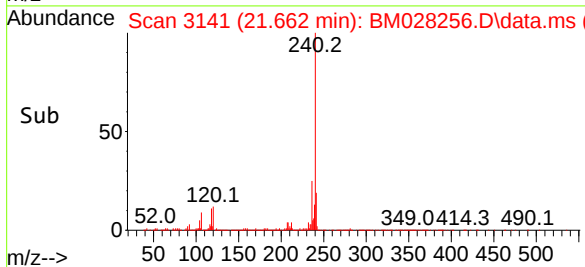
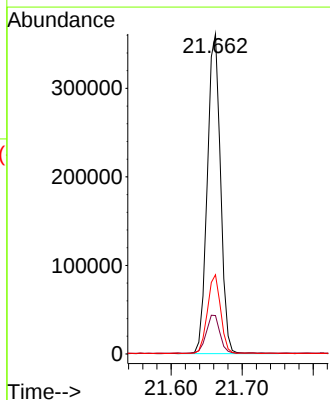
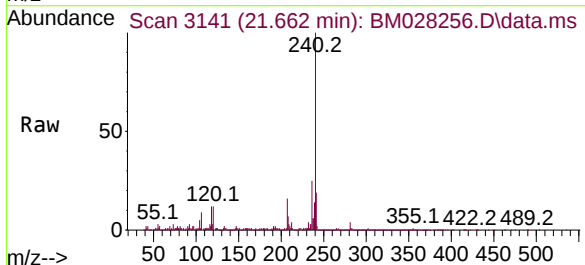
Instrument :
BNA_M
ClientSampled :

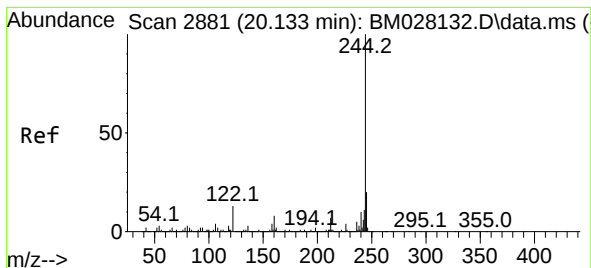
Tgt Ion:188 Resp: 508415
Ion Ratio Lower Upper
188 100
94 10.4 6.2 9.4#
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.662 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BM028256.D
Acq: 23 Dec 2020 17:54

Tgt Ion:240 Resp: 465196
Ion Ratio Lower Upper
240 100
120 12.0 6.4 9.6#
236 24.8 20.1 30.1





#79

Terphenyl-d14

Concen: 10.69 ng

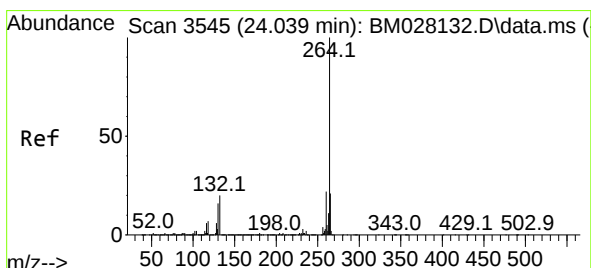
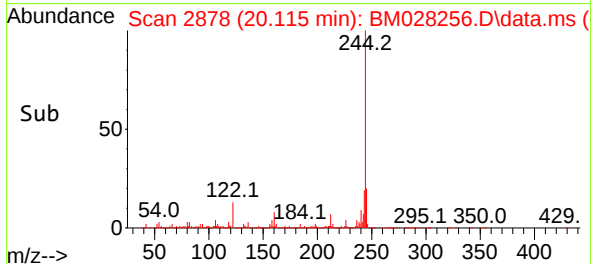
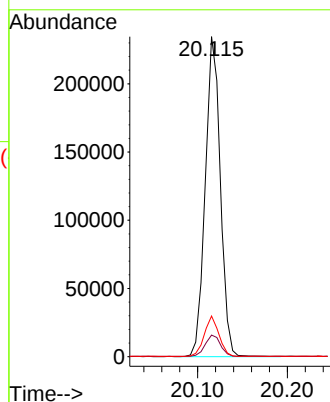
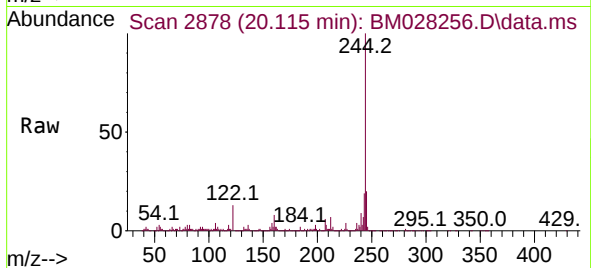
RT: 20.115 min Scan# 2878

Delta R.T. -0.006 min

Lab File: BM028256.D

Acq: 23 Dec 2020 17:54

Tgt Ion:244	Resp:	274061
Ion Ratio	Lower	Upper
244	100	
212	6.8	5.8 8.8
122	12.7	6.5 9.7#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.027 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BM028256.D

Acq: 23 Dec 2020 17:54

Tgt Ion:264	Resp:	485340
Ion Ratio	Lower	Upper
264	100	
260	22.9	19.0 28.4
265	22.6	17.7 26.5

