

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
 Data File : BM028560.D
 Acq On : 27 Jan 2021 02:49
 Operator : CG/JU
 Sample : M1217-17 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 1723-1724

Quant Time: Jan 27 05:22:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 03:11:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	39988	20.00	ng	0.00
21) Naphthalene-d8	10.810	136	151292	20.00	ng	# 0.00
39) Acenaphthene-d10	14.639	164	76628	20.00	ng	0.00
64) Phenanthrene-d10	17.369	188	137701	20.00	ng	0.00
76) Chrysene-d12	21.498	240	125383	20.00	ng	# 0.00
86) Perylene-d12	23.774	264	129916	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	60878	24.05	ng	0.06
7) Phenol-d6	7.246	99	71892	20.86	ng	0.09
23) Nitrobenzene-d5	9.169	82	46538	14.59	ng	0.00
42) 2,4,6-Tribromophenol	16.128	330	21546	21.22	ng	0.01
45) 2-Fluorobiphenyl	13.257	172	100937	16.53	ng	0.00
79) Terphenyl-d14	19.957	244	105331	15.17	ng	0.00

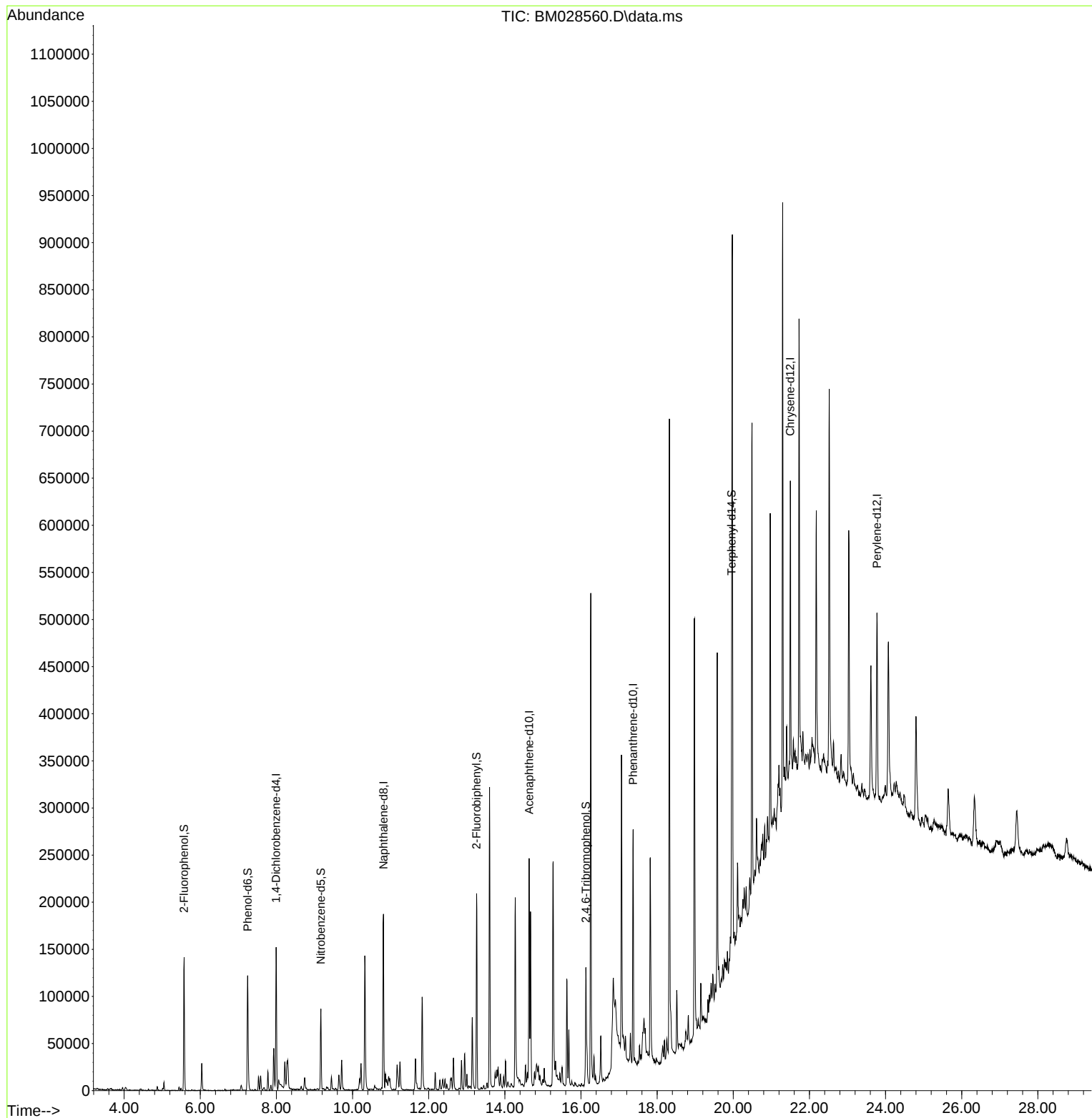
Target Compounds	Qvalue
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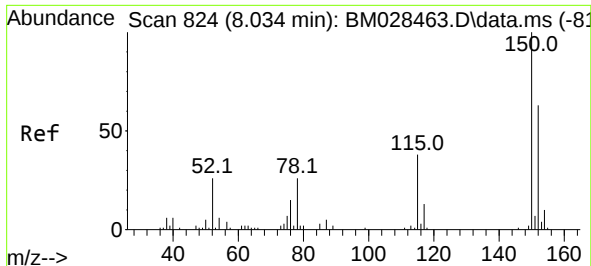
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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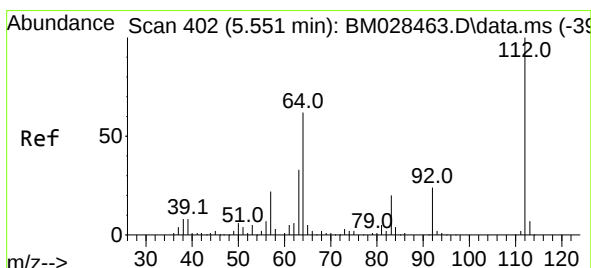
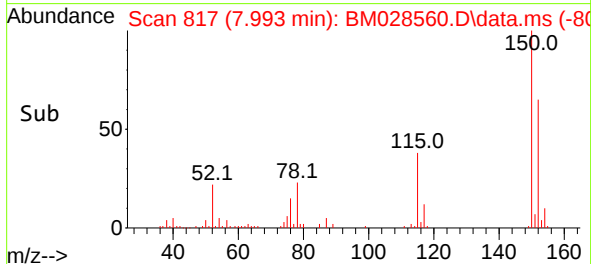
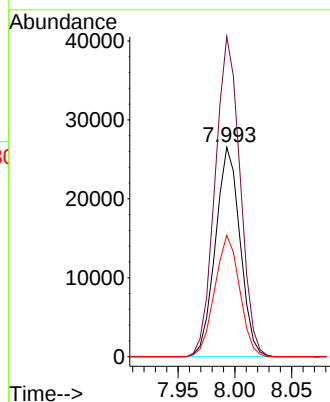
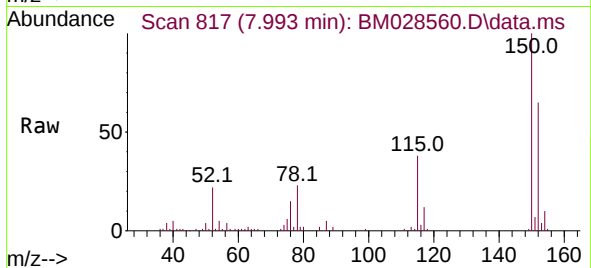




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.993 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM028560.D
Acq: 27 Jan 2021 02:49

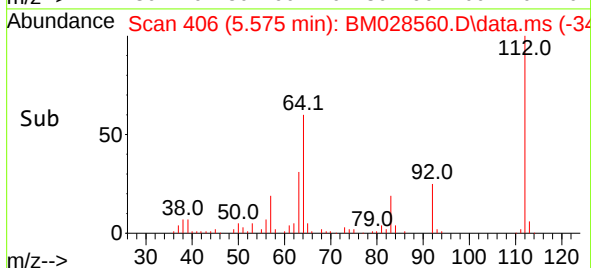
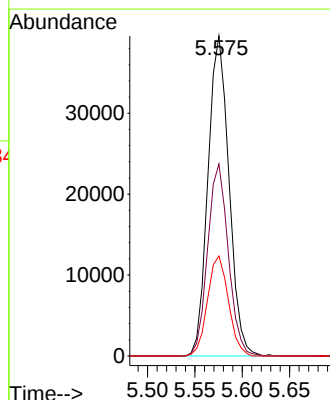
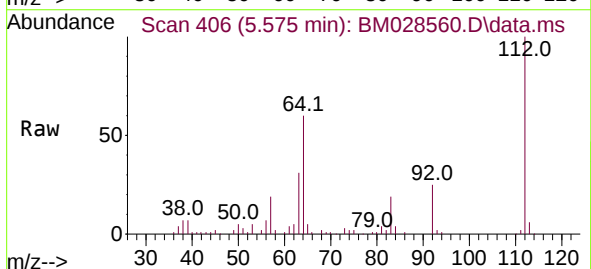
Instrument :
BNA_M
ClientSampleId :
1723-1724

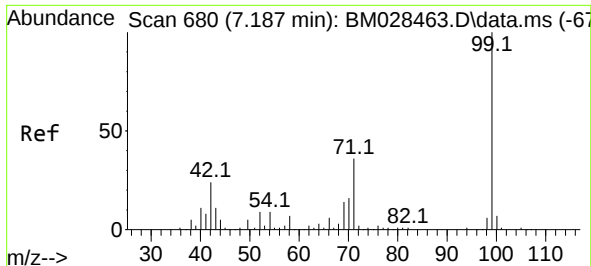
Tgt Ion:152 Resp: 39988
Ion Ratio Lower Upper
152 100
150 152.8 120.6 181.0
115 57.9 47.2 70.8



#5
2-Fluorophenol
Concen: 24.05 ng
RT: 5.575 min Scan# 406
Delta R.T. 0.065 min
Lab File: BM028560.D
Acq: 27 Jan 2021 02:49

Tgt Ion:112 Resp: 60878
Ion Ratio Lower Upper
112 100
64 60.0 50.6 76.0
63 31.3 31.0 46.6

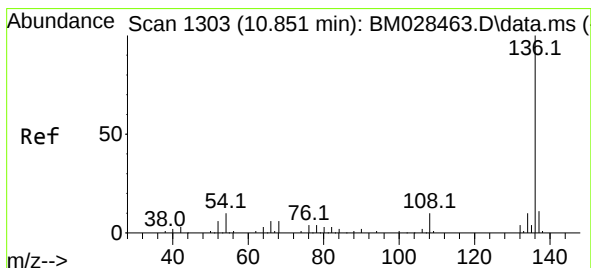
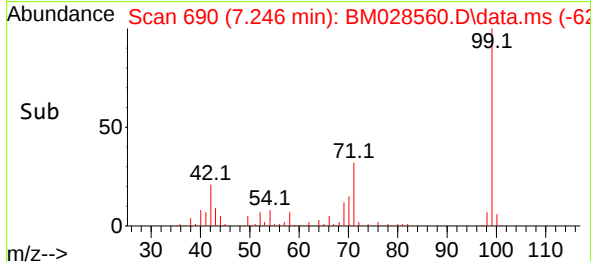
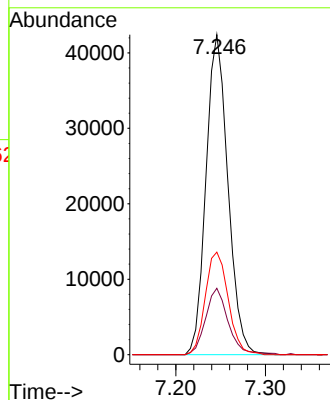
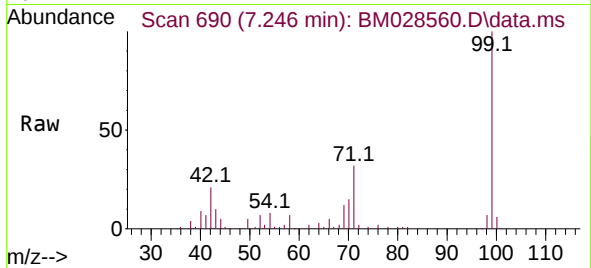




#7
Phenol-d6
Concen: 20.86 ng
RT: 7.246 min Scan# 690
Delta R.T. 0.094 min
Lab File: BM028560.D
Acq: 27 Jan 2021 02:49

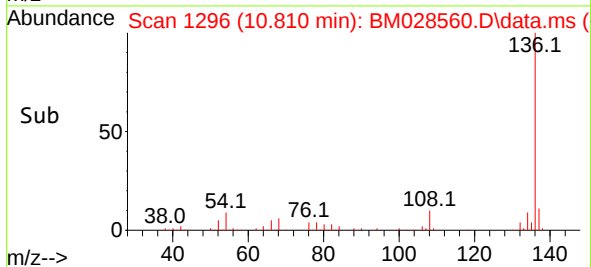
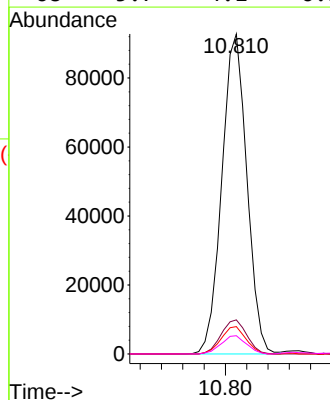
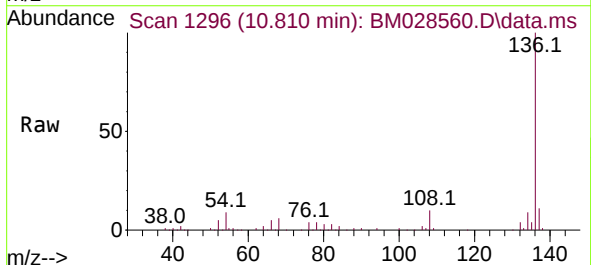
Instrument :
BNA_M
ClientSampled :
1723-1724

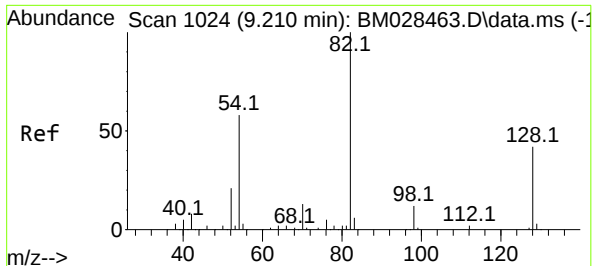
Tgt Ion: 99 Resp: 71892
Ion Ratio Lower Upper
99 100
42 20.8 13.5 20.3#
71 32.1 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.810 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BM028560.D
Acq: 27 Jan 2021 02:49

Tgt Ion: 136 Resp: 151292
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.6 4.6 7.0#
68 5.7 4.1 6.1

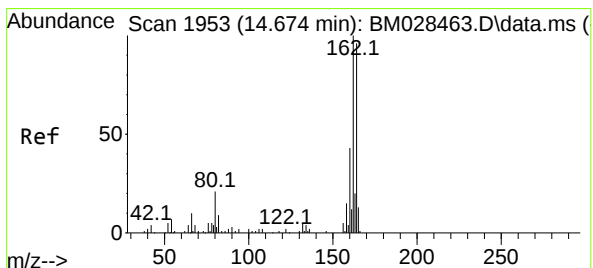
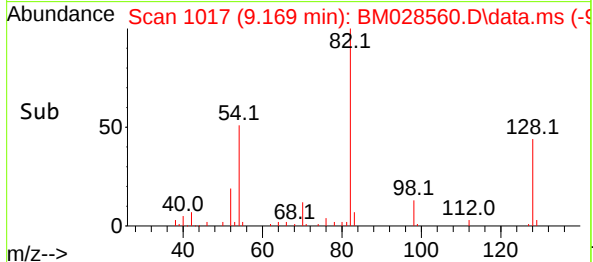
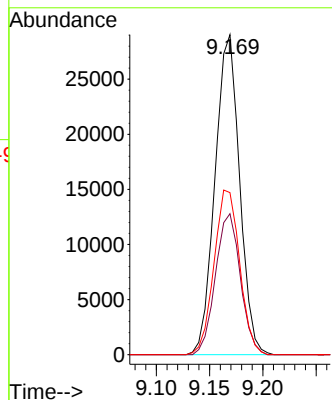
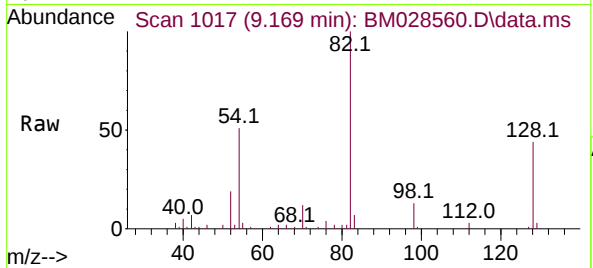




#23
Nitrobenzene-d5
Concen: 14.59 ng
RT: 9.169 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM028560.D
Acq: 27 Jan 2021 02:49

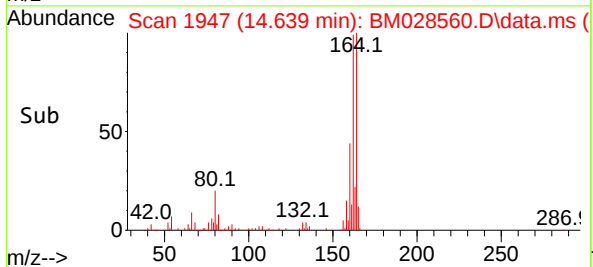
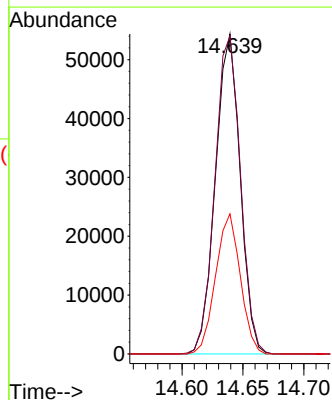
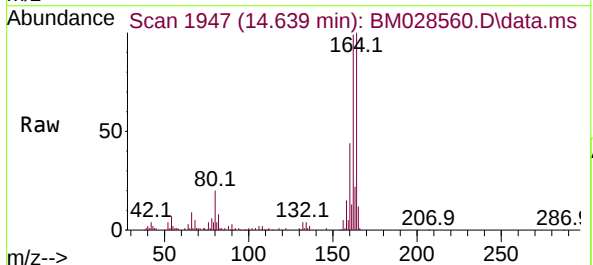
Instrument :
BNA_M
ClientSampleId :
1723-1724

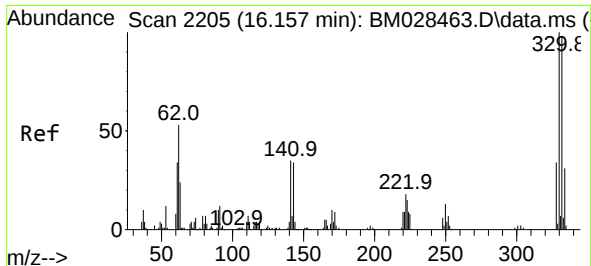
Tgt Ion: 82 Resp: 46538
Ion Ratio Lower Upper
82 100
128 44.0 27.4 41.0#
54 50.6 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.639 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM028560.D
Acq: 27 Jan 2021 02:49

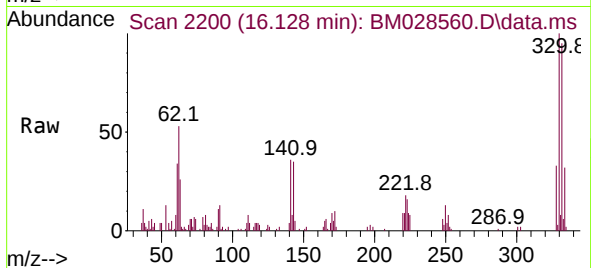
Tgt Ion:164 Resp: 76628
Ion Ratio Lower Upper
164 100
162 99.3 80.4 120.6
160 43.8 35.9 53.9



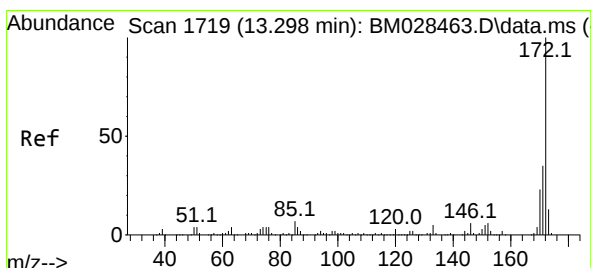
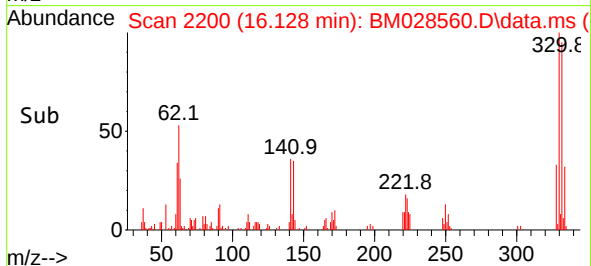
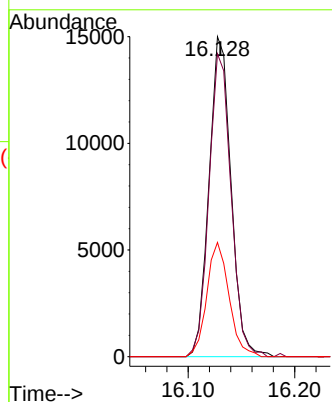


#42
2,4,6-Tribromophenol
Concen: 21.22 ng
RT: 16.128 min Scan# 2200
Delta R.T. 0.012 min
Lab File: BM028560.D
Acq: 27 Jan 2021 02:49

Instrument :
BNA_M
ClientSampled :
1723-1724

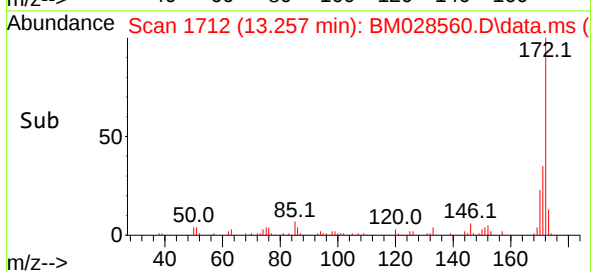
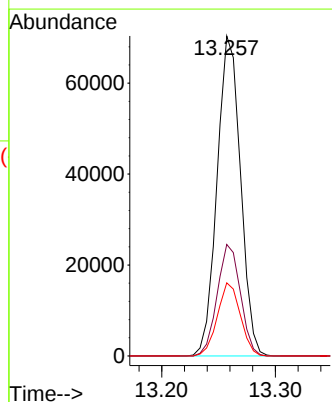
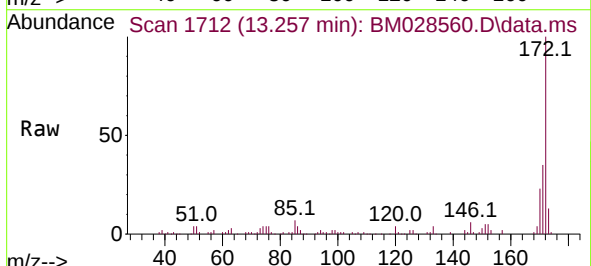


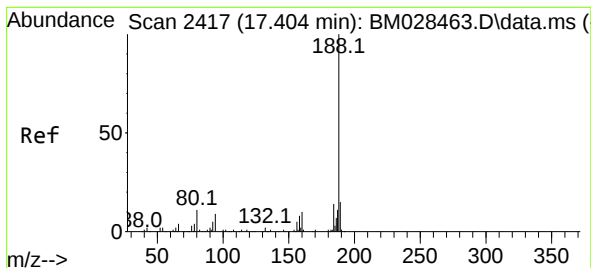
Tgt Ion:330 Resp: 21546
Ion Ratio Lower Upper
330 100
332 95.1 77.8 116.8
141 36.1 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 16.53 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BM028560.D
Acq: 27 Jan 2021 02:49

Tgt Ion:172 Resp: 100937
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 22.8 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.369 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BM028560.D

Acq: 27 Jan 2021 02:49

Tgt Ion:188 Resp: 137701

Ion Ratio Lower Upper

188 100

94 9.0 6.2 9.4

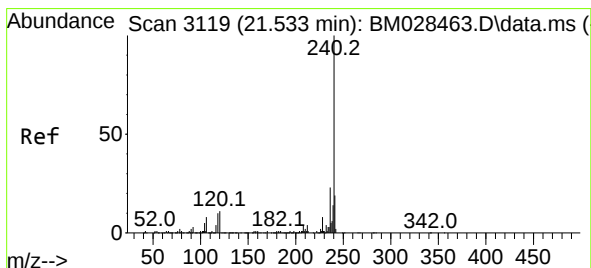
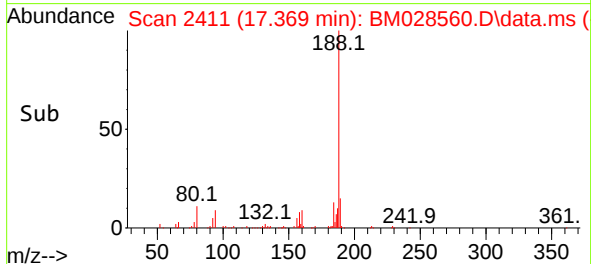
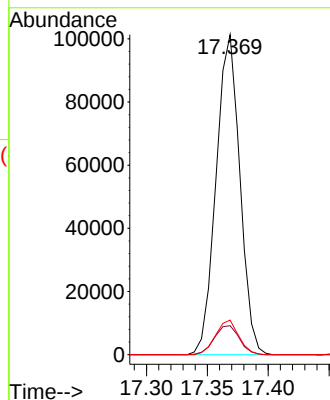
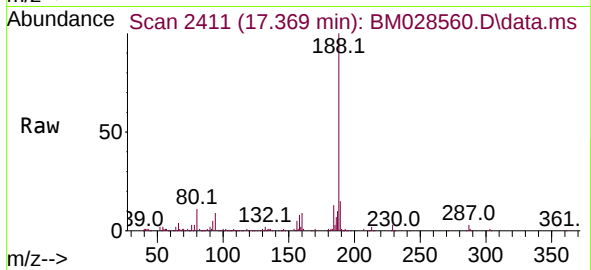
80 10.8 7.5 11.3

Instrument :

BNA_M

ClientSampleId :

1723-1724



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.498 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM028560.D

Acq: 27 Jan 2021 02:49

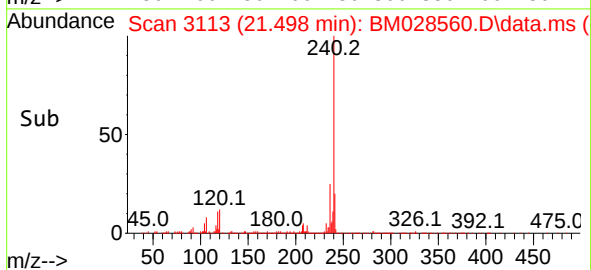
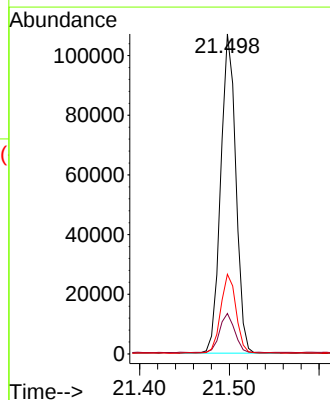
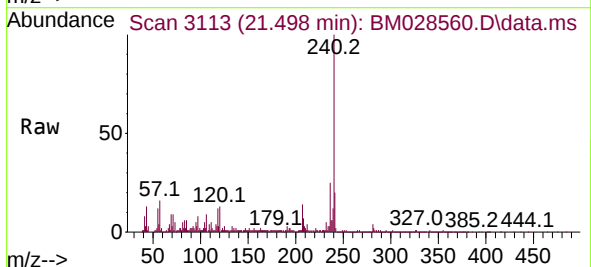
Tgt Ion:240 Resp: 125383

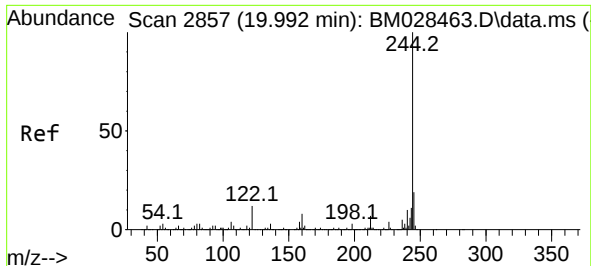
Ion Ratio Lower Upper

240 100

120 12.7 6.4 9.6#

236 24.9 20.1 30.1

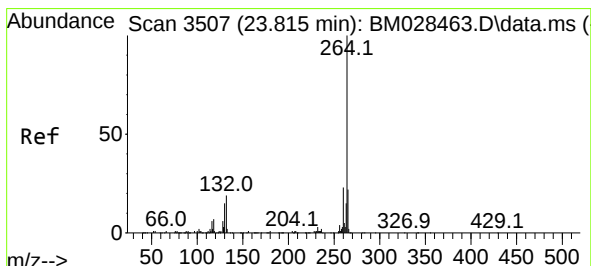
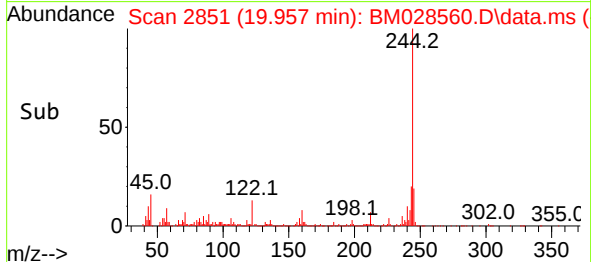
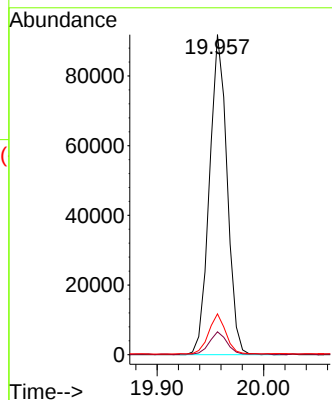
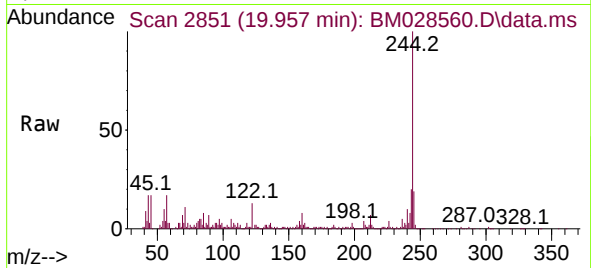




#79
Terphenyl-d14
Concen: 15.17 ng
RT: 19.957 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BM028560.D
Acq: 27 Jan 2021 02:49

Instrument :
BNA_M
ClientSampleId :
1723-1724

Tgt Ion:244 Resp: 105331
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.8 6.5 9.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.774 min Scan# 3500
Delta R.T. 0.012 min
Lab File: BM028560.D
Acq: 27 Jan 2021 02:49

Tgt Ion:264 Resp: 129916
Ion Ratio Lower Upper
264 100
260 22.2 19.0 28.4
265 23.7 17.7 26.5

