

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093022\
 Data File : BM036813.D
 Acq On : 30 Sep 2022 15:54
 Operator : CG/JU
 Sample : PB147971BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB147971BL

Quant Time: Sep 30 17:53:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM093022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 30 15:41:14 2022
 Response via : Initial Calibration

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

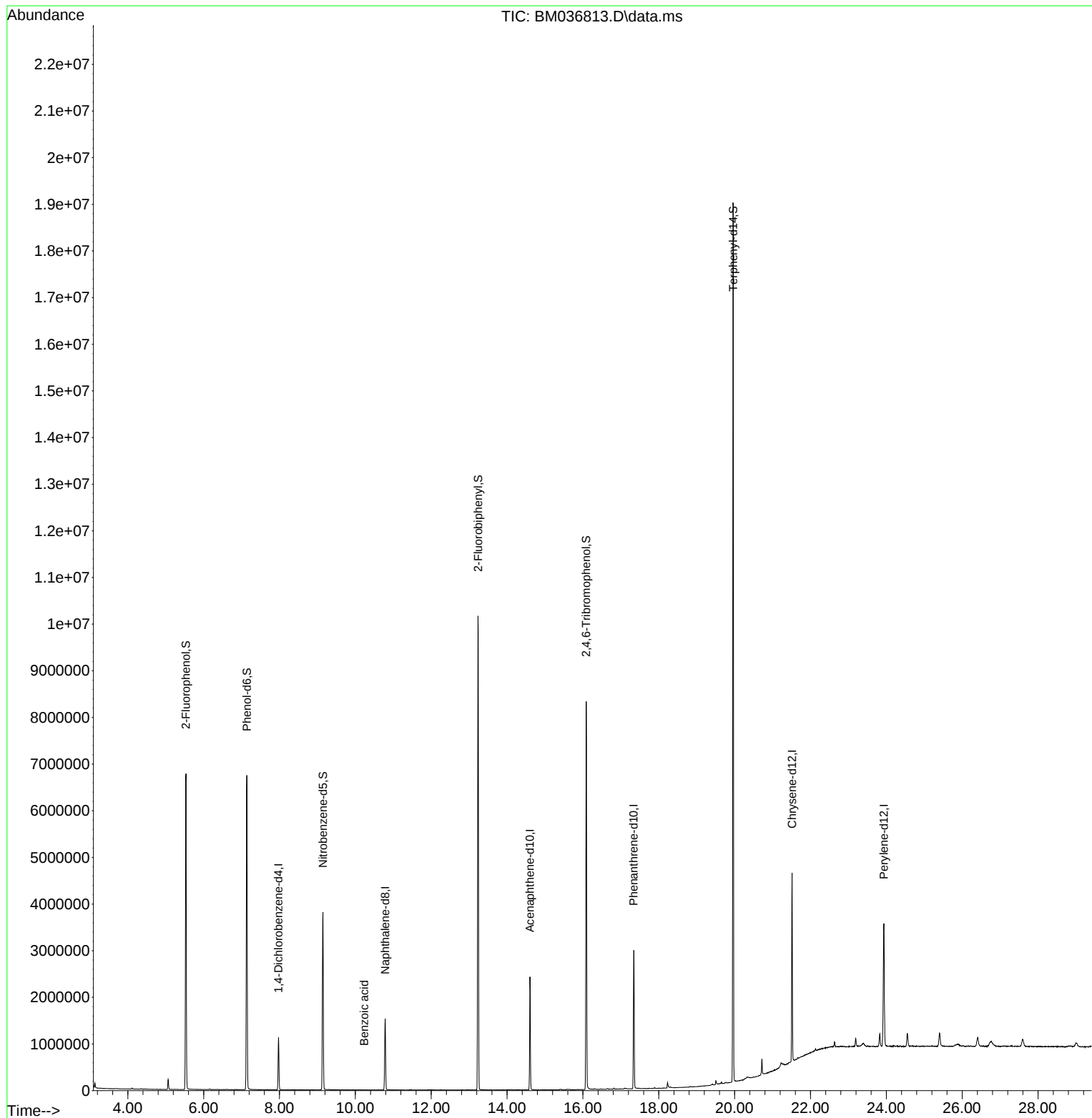
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	284771	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1212098	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	781852	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1710642	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1739275	20.000	ng	0.00
86) Perylene-d12	23.933	264	1811033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2945696	181.320	ng	0.00
7) Phenol-d6	7.139	99	3900629	166.780	ng	0.00
23) Nitrobenzene-d5	9.145	82	2165575	93.424	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	1241947	166.269	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	4967650	96.514	ng	0.00
79) Terphenyl-d14	19.962	244	8597866	109.522	ng	0.00
Target Compounds						
32) Benzoic acid	10.233	122	60	4.722	ng	Qvalue # 1

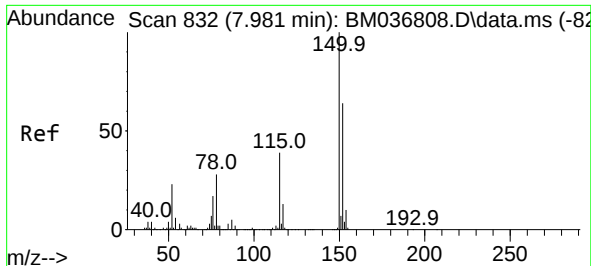
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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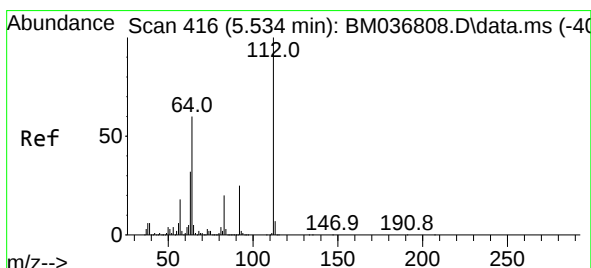
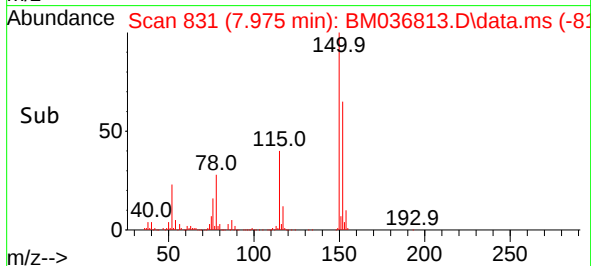
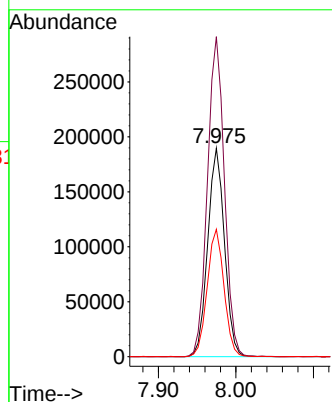
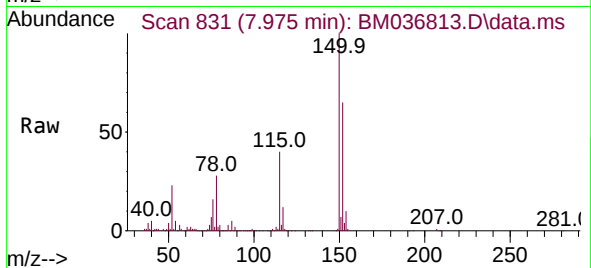




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BM036813.D
Acq: 30 Sep 2022 15:54

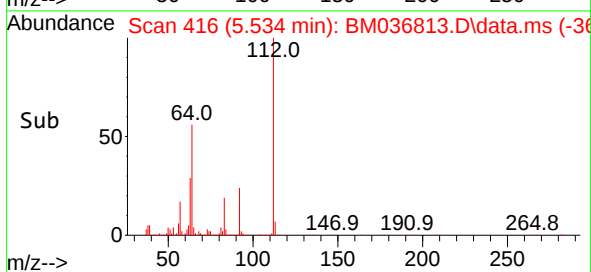
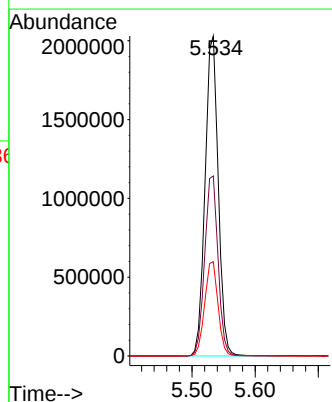
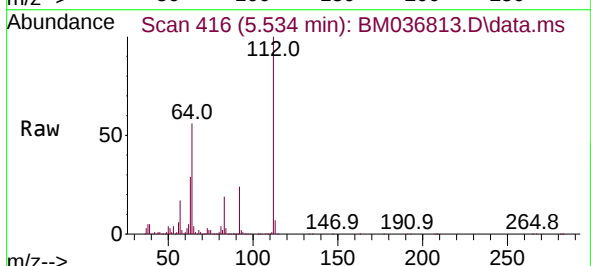
Instrument :
BNA_M
ClientSampleId :
PB147971BL

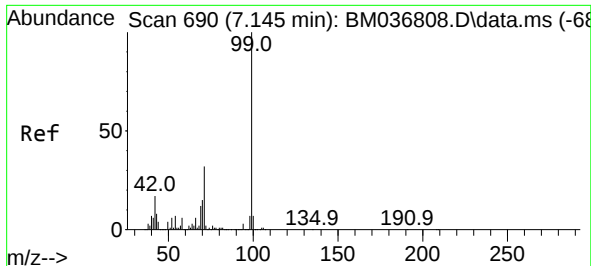
Tgt Ion:152 Resp: 284771
Ion Ratio Lower Upper
152 100
150 153.5 125.3 187.9
115 61.1 49.4 74.0



#5
2-Fluorophenol
Concen: 181.320 ng
RT: 5.534 min Scan# 416
Delta R.T. -0.000 min
Lab File: BM036813.D
Acq: 30 Sep 2022 15:54

Tgt Ion:112 Resp: 2945696
Ion Ratio Lower Upper
112 100
64 56.2 47.8 71.8
63 29.4 25.0 37.6

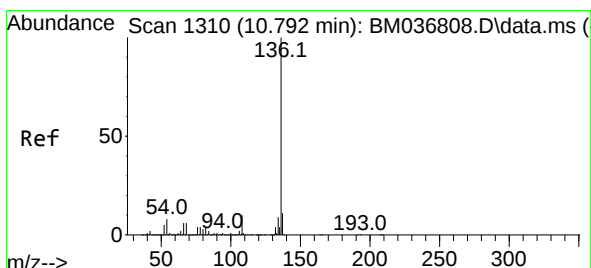
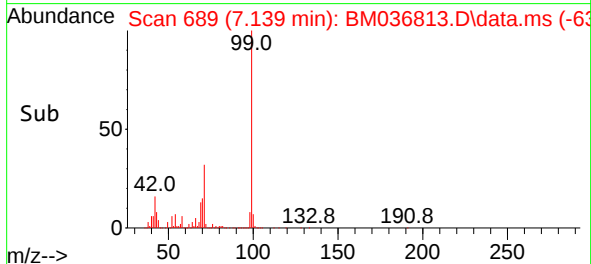
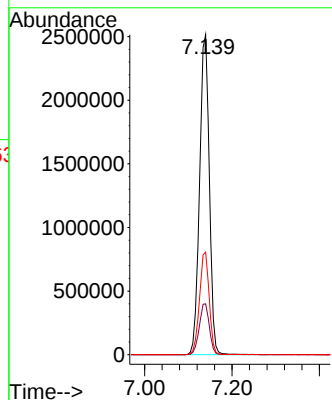
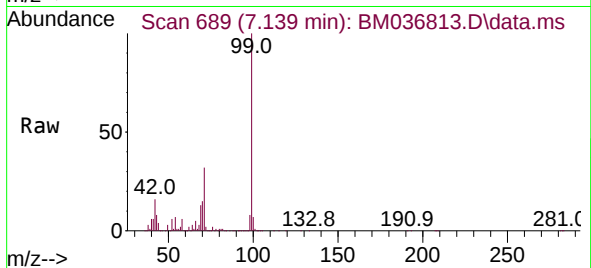




#7
Phenol-d6
Concen: 166.780 ng
RT: 7.139 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036813.D
Acq: 30 Sep 2022 15:54

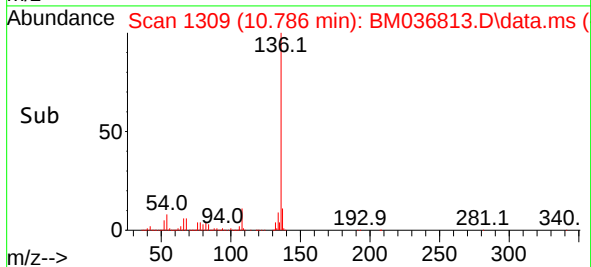
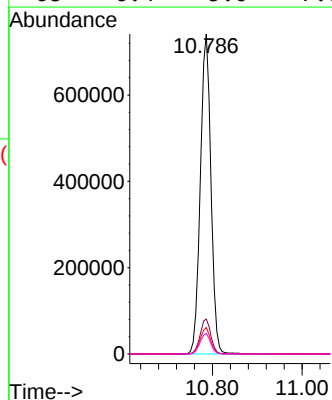
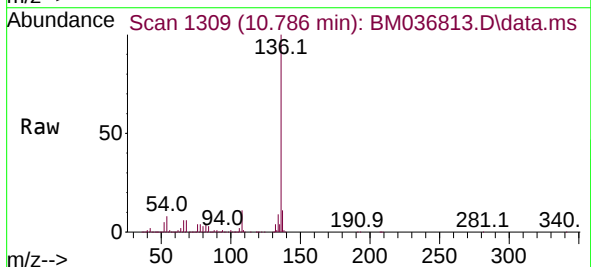
Instrument :
BNA_M
ClientSampleId :
PB147971BL

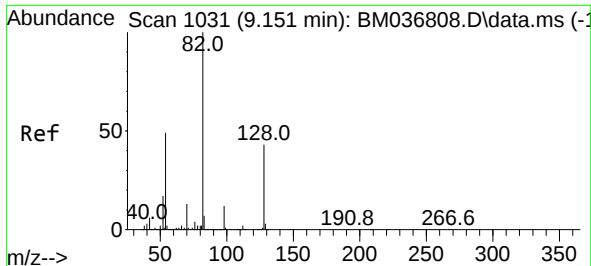
Tgt Ion: 99 Resp: 3900629
Ion Ratio Lower Upper
99 100
42 15.9 13.6 20.4
71 32.1 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM036813.D
Acq: 30 Sep 2022 15:54

Tgt Ion:136 Resp: 1212098
Ion Ratio Lower Upper
136 100
137 10.9 8.3 12.5
54 8.3 6.5 9.7
68 6.4 5.0 7.6

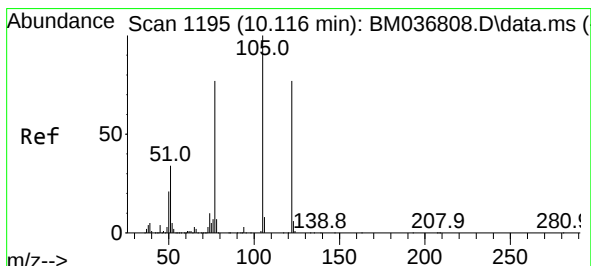
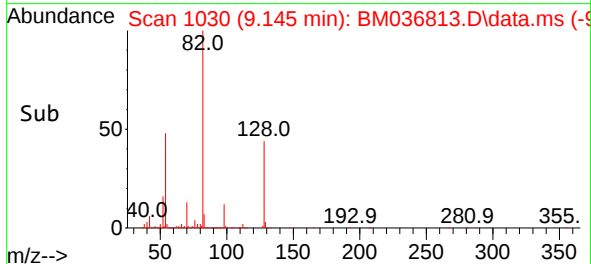
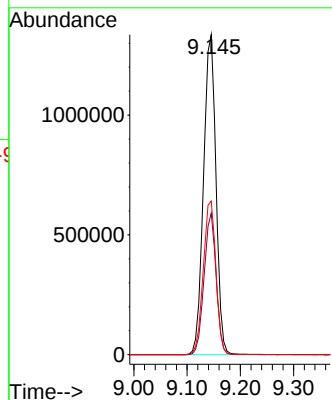
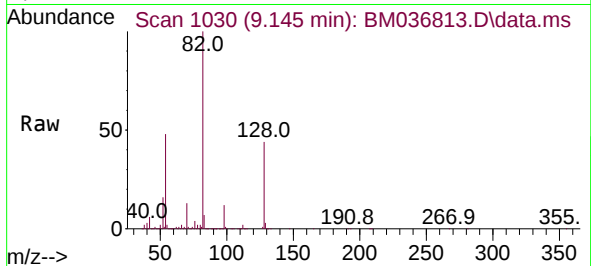




#23
Nitrobenzene-d5
Concen: 93.424 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036813.D
Acq: 30 Sep 2022 15:54

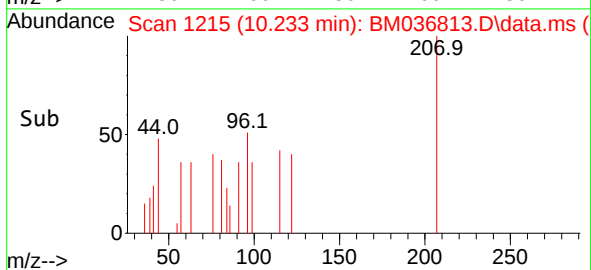
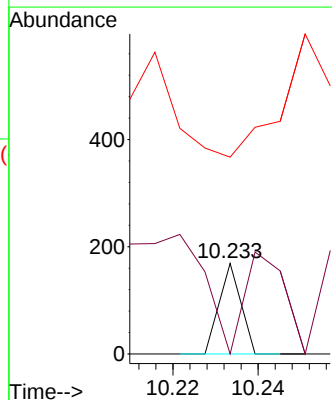
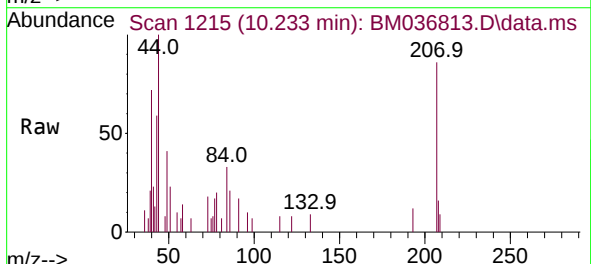
Instrument :
BNA_M
ClientSampleId :
PB147971BL

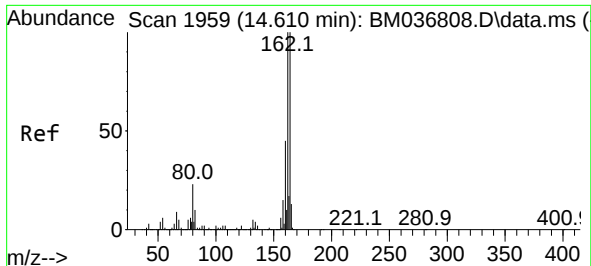
Tgt Ion: 82 Resp: 2165575
Ion Ratio Lower Upper
82 100
128 44.2 33.0 49.4
54 48.0 38.4 57.6



#32
Benzoic acid
Concen: 4.722 ng
RT: 10.233 min Scan# 1215
Delta R.T. 0.117 min
Lab File: BM036813.D
Acq: 30 Sep 2022 15:54

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 105.8 145.8#
77 217.2 79.9 119.9#

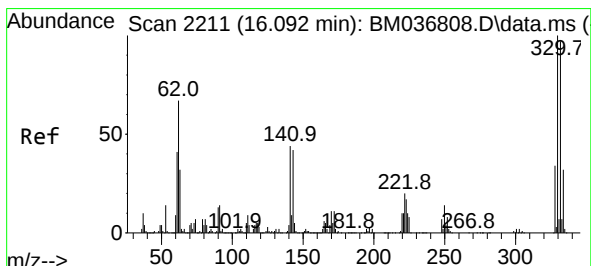
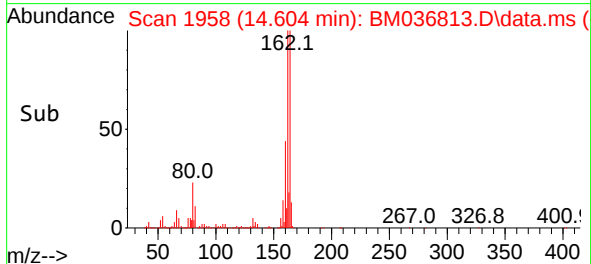
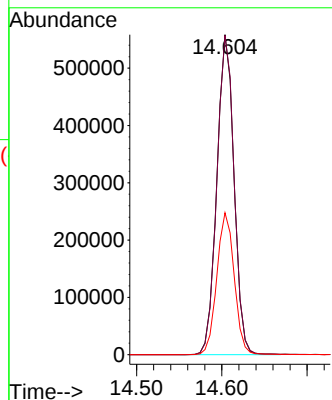
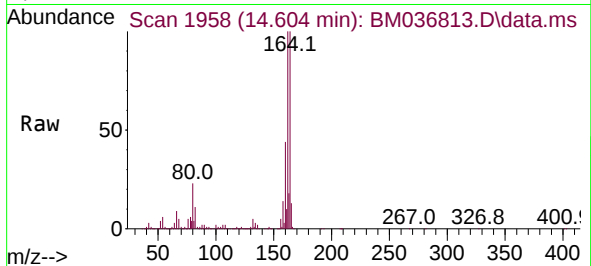




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM036813.D
Acq: 30 Sep 2022 15:54

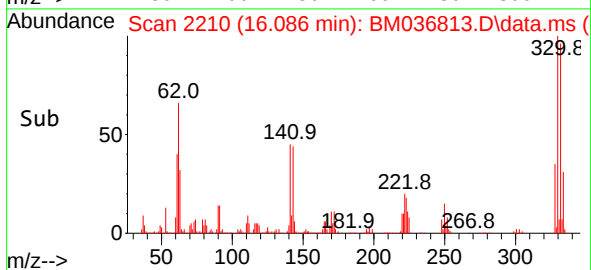
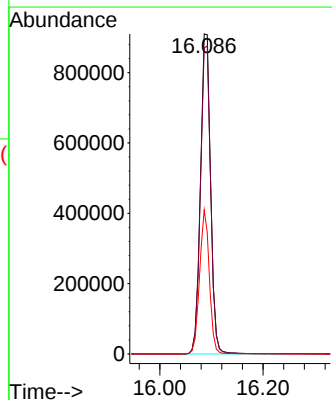
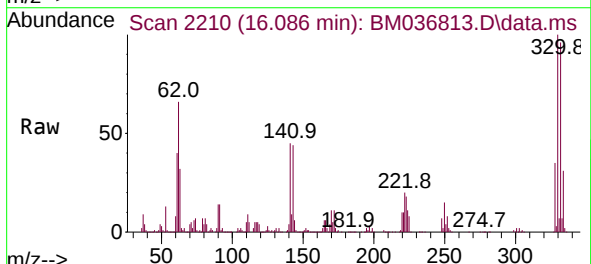
Instrument :
BNA_M
ClientSampleId :
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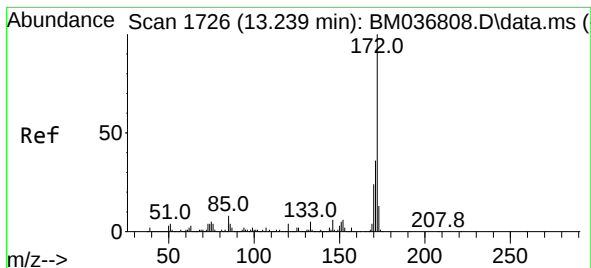
Tgt Ion:164 Resp: 781852
Ion Ratio Lower Upper
164 100
162 99.8 78.3 117.5
160 44.4 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 166.269 ng
RT: 16.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BM036813.D
Acq: 30 Sep 2022 15:54

Tgt Ion:330 Resp: 1241947
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 43.2 36.9 55.3





#45

2-Fluorobiphenyl

Concen: 96.514 ng

RT: 13.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036813.D

Acq: 30 Sep 2022 15:54

Instrument :

BNA_M

ClientSampleId :

PB147971BL

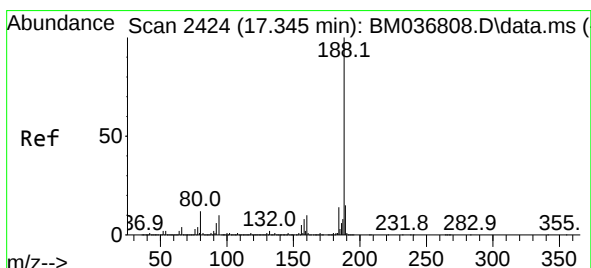
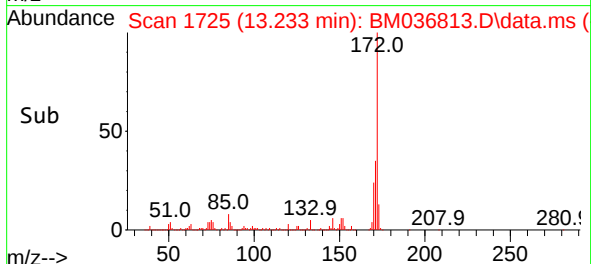
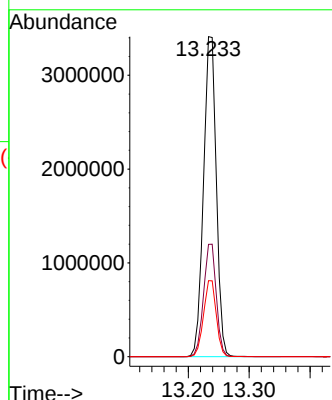
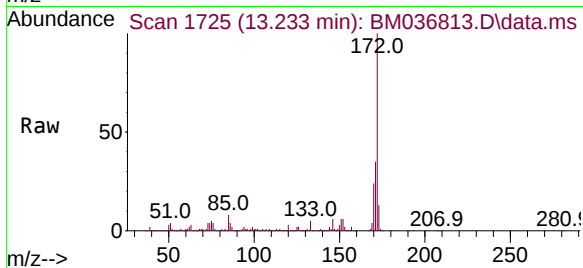
Tgt Ion:172 Resp: 4967650

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.8 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM036813.D

Acq: 30 Sep 2022 15:54

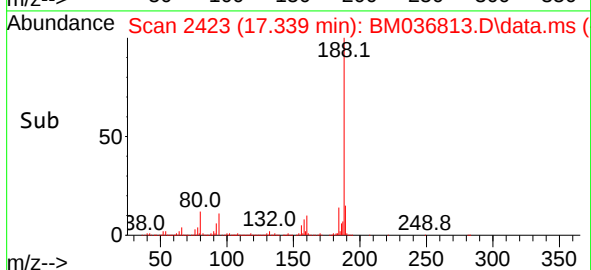
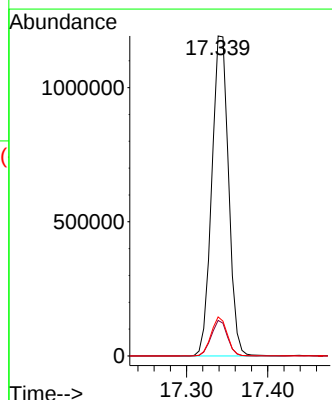
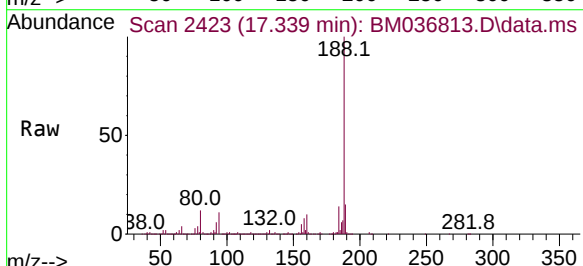
Tgt Ion:188 Resp: 1710642

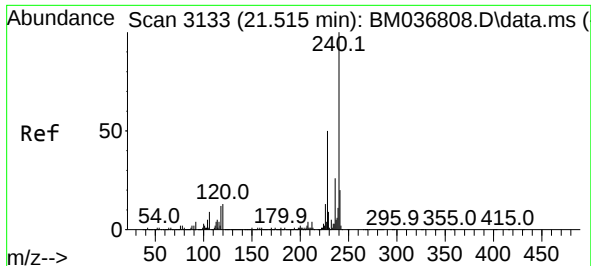
Ion Ratio Lower Upper

188 100

94 11.1 8.9 13.3

80 12.2 10.0 15.0

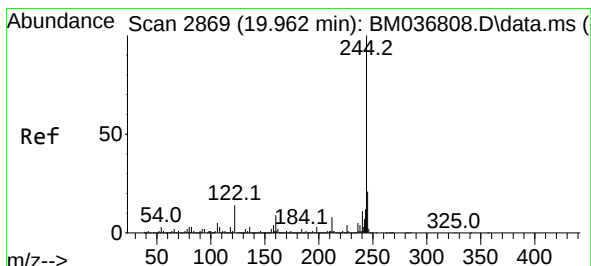
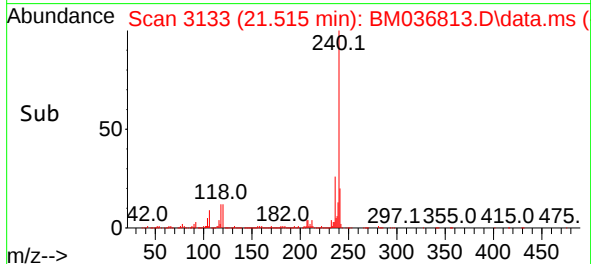
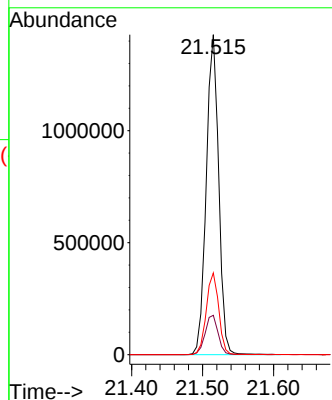
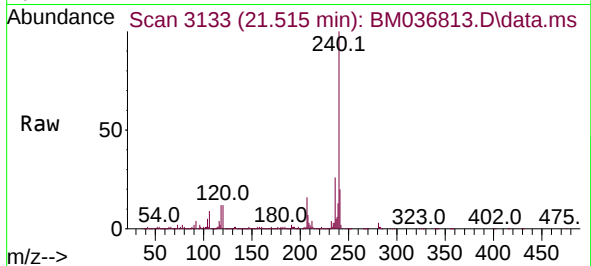




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM036813.D
Acq: 30 Sep 2022 15:54

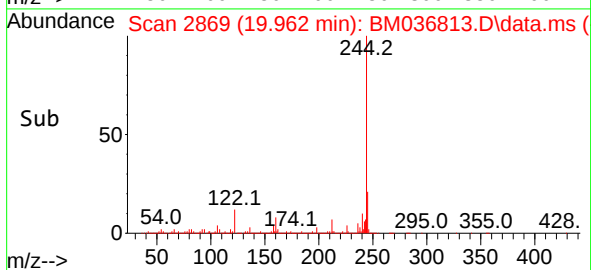
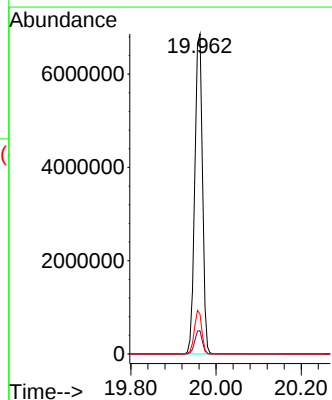
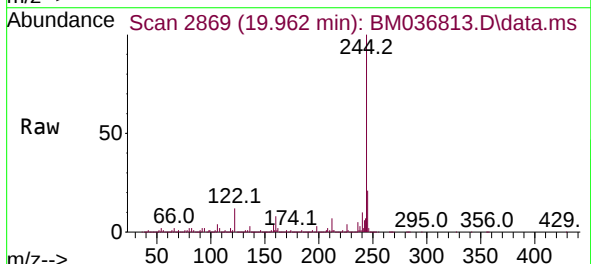
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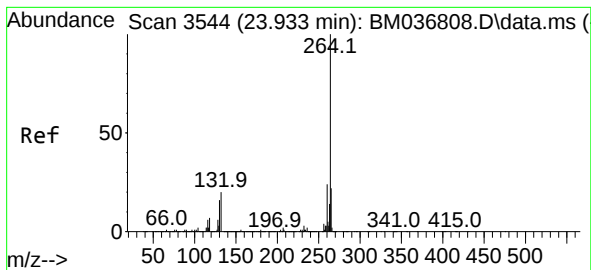
Tgt Ion:240 Resp: 1739275
Ion Ratio Lower Upper
240 100
120 12.3 10.5 15.7
236 25.6 20.4 30.6



#79
Terphenyl-d14
Concen: 109.522 ng
RT: 19.962 min Scan# 2869
Delta R.T. -0.000 min
Lab File: BM036813.D
Acq: 30 Sep 2022 15:54

Tgt Ion:244 Resp: 8597866
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 12.3 10.9 16.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM036813.D

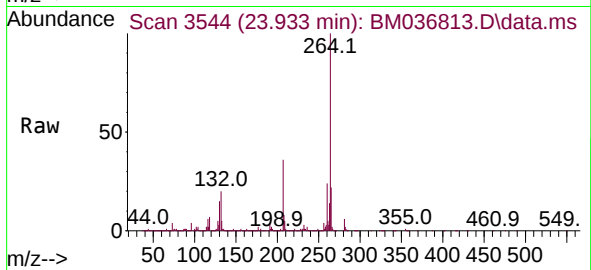
Acq: 30 Sep 2022 15:54

Instrument :

BNA_M

ClientSampleId :

PB147971BL



Tgt Ion:264 Resp: 1811033

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.0 17.7 26.5

