

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120821\
 Data File : BM033347.D
 Acq On : 08 Dec 2021 17:24
 Operator : CG/JU
 Sample : PB141259BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141259BL

Quant Time: Dec 15 23:18:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 12 00:15:00 2021
 Response via : Initial Calibration

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

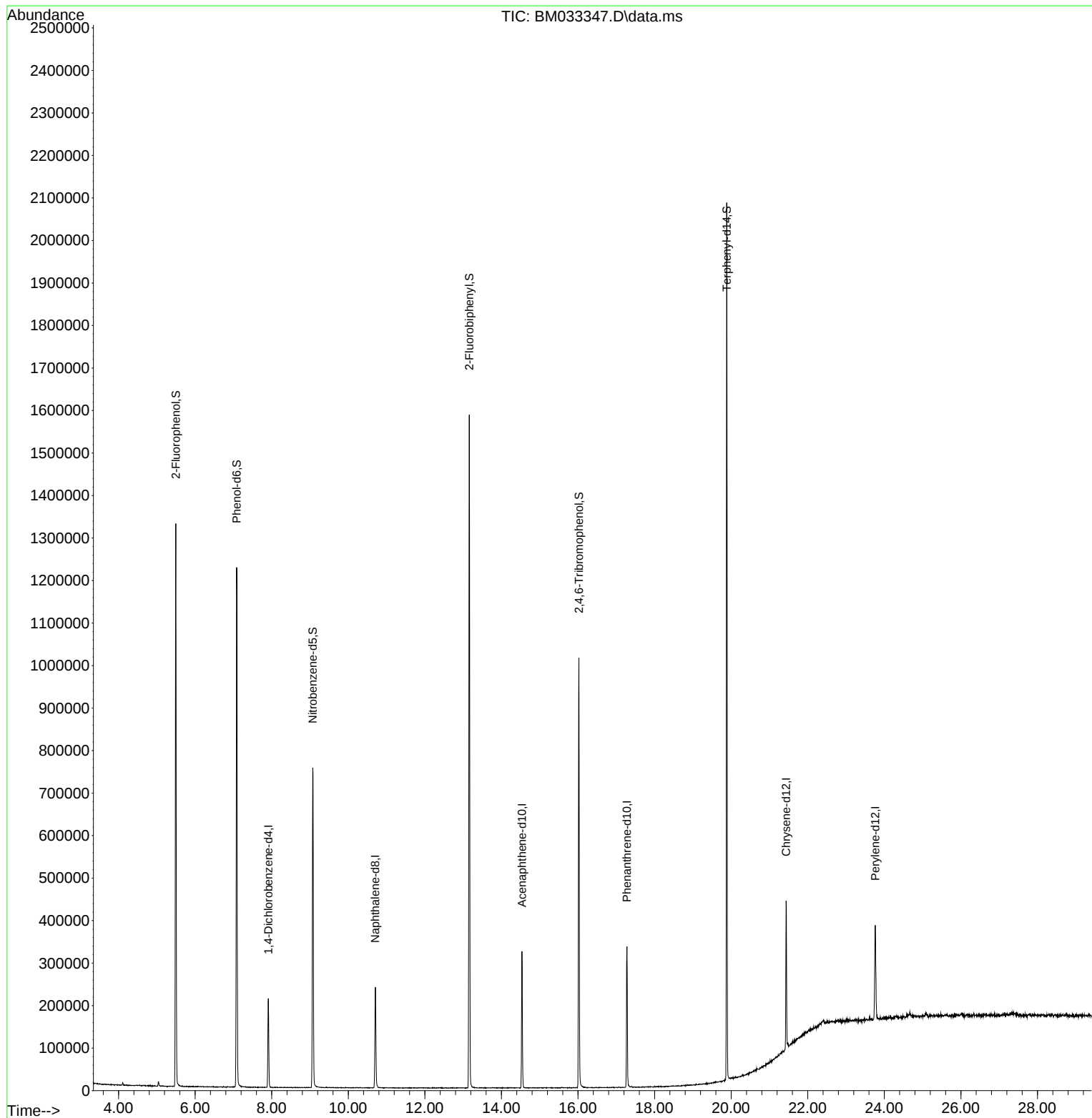
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	51636	20.000	ng	0.01
21) Naphthalene-d8	10.707	136	186028	20.000	ng	0.01
39) Acenaphthene-d10	14.536	164	107482	20.000	ng	0.01
64) Phenanthrene-d10	17.277	188	197206	20.000	ng	0.01
76) Chrysene-d12	21.436	240	163498	20.000	ng	0.00
86) Perylene-d12	23.765	264	168747	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	447277	142.104	ng	0.01
7) Phenol-d6	7.084	99	573645	130.710	ng	0.01
23) Nitrobenzene-d5	9.072	82	426845	97.426	ng	0.00
42) 2,4,6-Tribromophenol	16.024	330	138125	120.134	ng	0.01
45) 2-Fluorobiphenyl	13.160	172	750832	96.629	ng	0.01
79) Terphenyl-d14	19.883	244	862738	97.761	ng	0.00
Target Compounds						
9) Benzaldehyde	7.043	77	61	Below Cal	Qvalue #	7

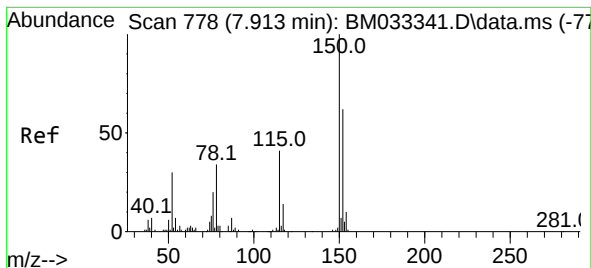
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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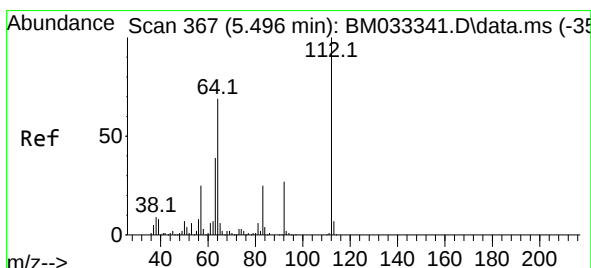
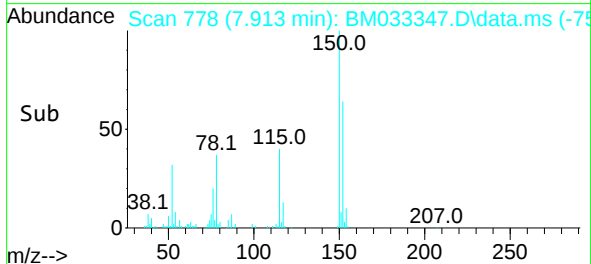
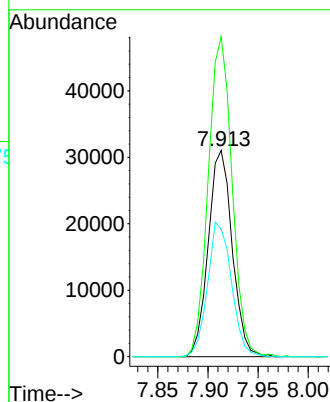
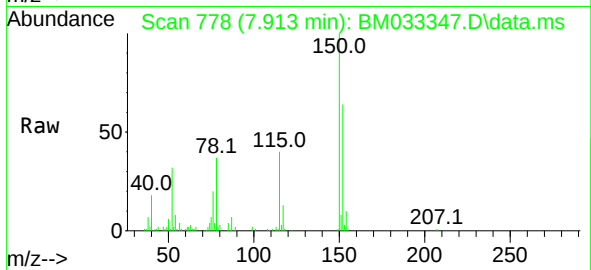




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.913 min Scan# 778
Delta R.T. 0.012 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

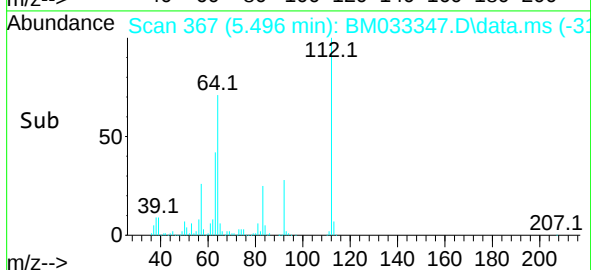
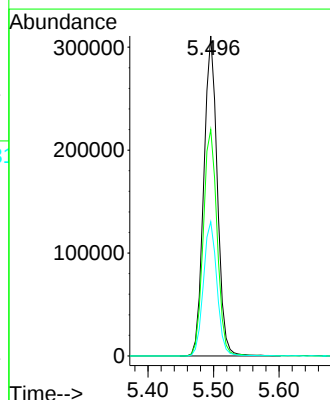
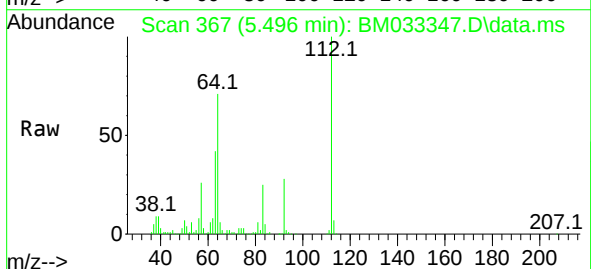
Instrument :
BNA_M
ClientSampleId :
PB141259BL

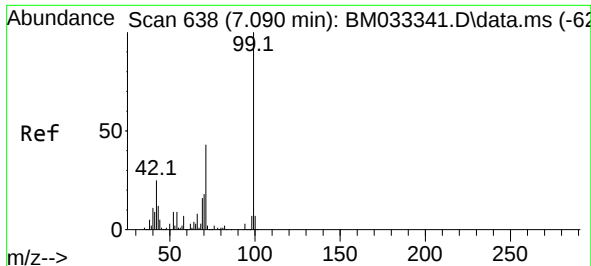
Tgt Ion:152 Resp: 51636
Ion Ratio Lower Upper
152 100
150 155.2 128.9 193.3
115 61.9 53.0 79.6



#5
2-Fluorophenol
Concen: 142.104 ng
RT: 5.496 min Scan# 367
Delta R.T. 0.012 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

Tgt Ion:112 Resp: 447277
Ion Ratio Lower Upper
112 100
64 70.8 55.5 83.3
63 41.9 31.3 46.9

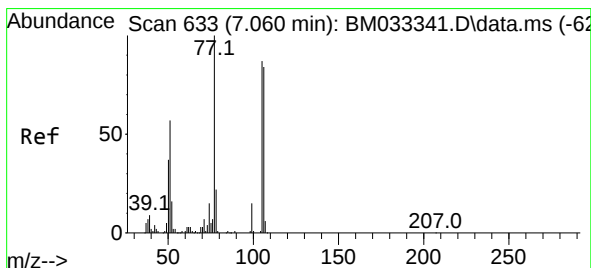
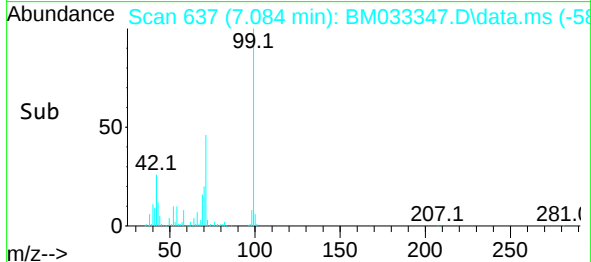
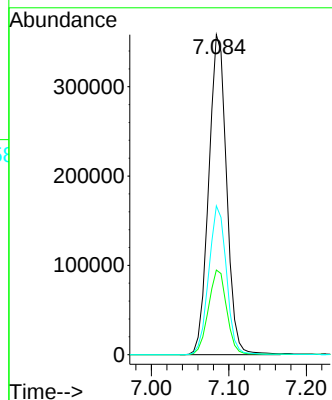
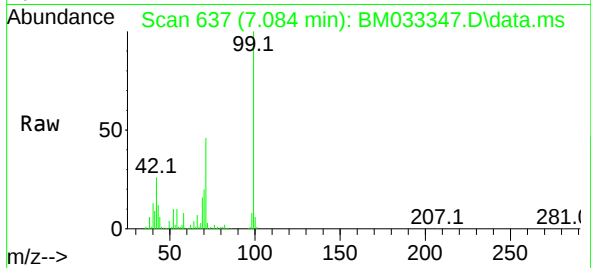




#7
Phenol-d6
Concen: 130.710 ng
RT: 7.084 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

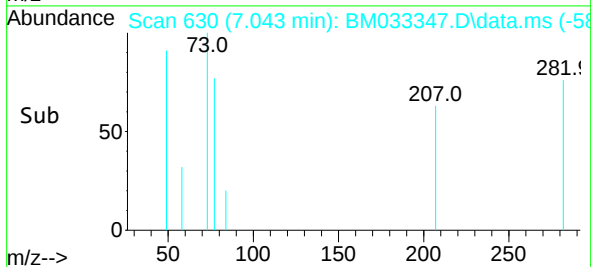
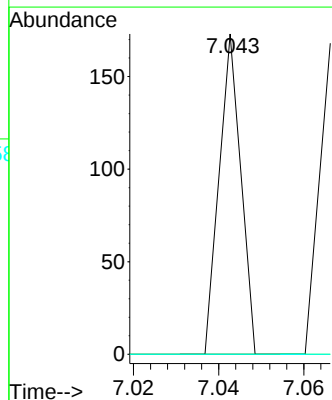
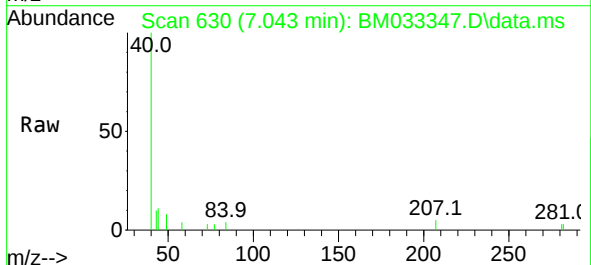
Instrument :
BNA_M
ClientSampleId :
PB141259BL

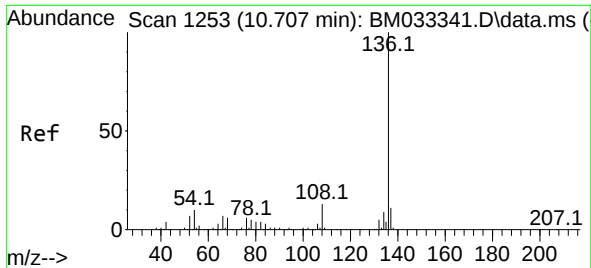
Tgt Ion: 99 Resp: 573645
Ion Ratio Lower Upper
99 100
42 26.5 20.3 30.5
71 46.5 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.043 min Scan# 630
Delta R.T. -0.006 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

Tgt Ion: 77 Resp: 61
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

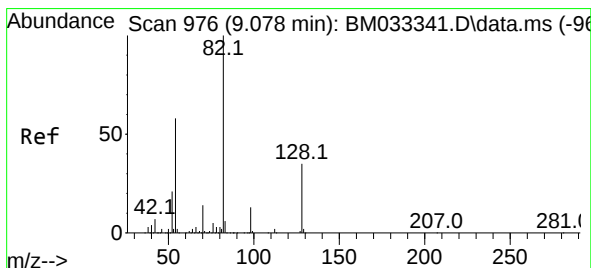
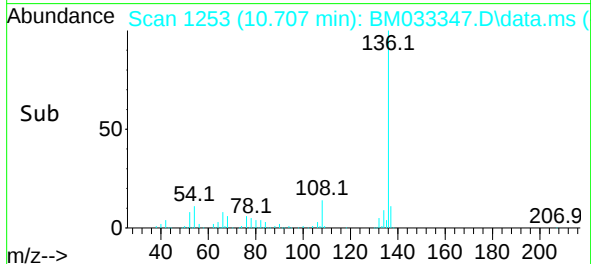
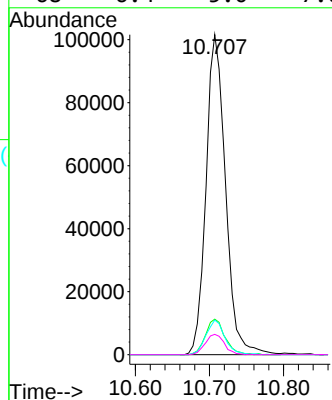
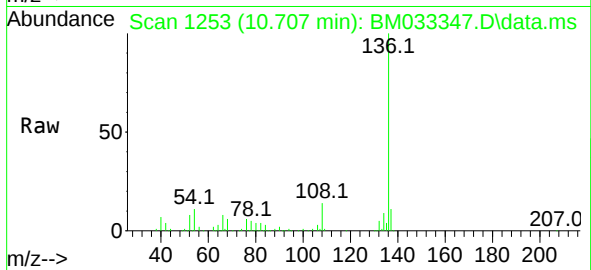




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.707 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

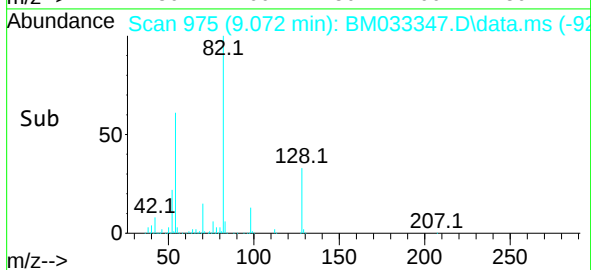
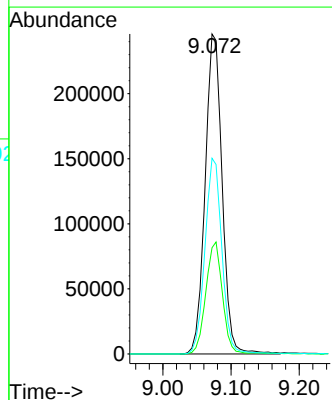
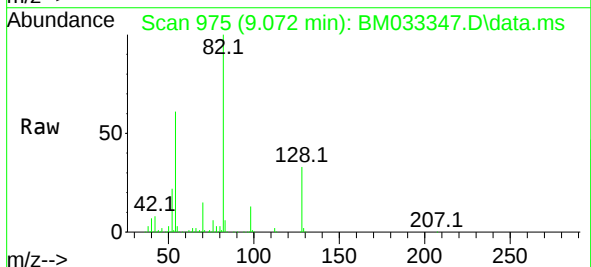
Instrument :
BNA_M
ClientSampleId :
PB141259BL

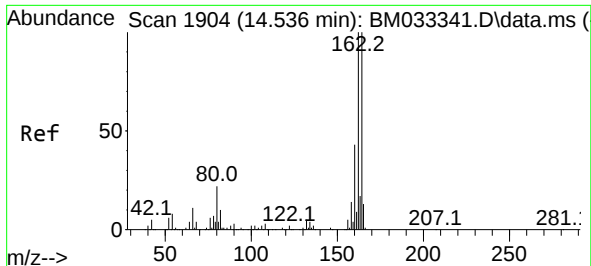
Tgt Ion:	136	Resp:	186028
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	10.8	8.3	12.5
68	6.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 97.426 ng
RT: 9.072 min Scan# 975
Delta R.T. 0.006 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

Tgt Ion:	82	Resp:	426845
Ion Ratio	Lower	Upper	
82	100		
128	33.2	28.1	42.1
54	61.2	46.1	69.1

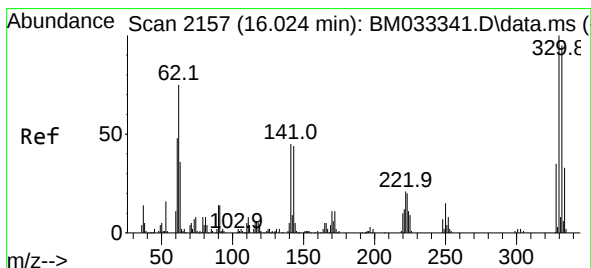
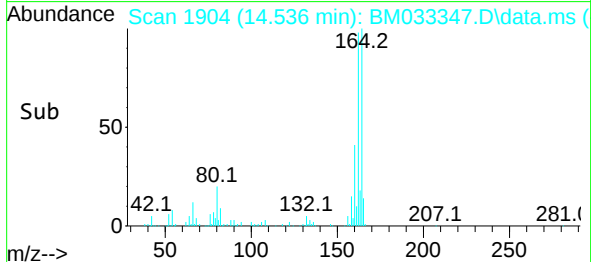
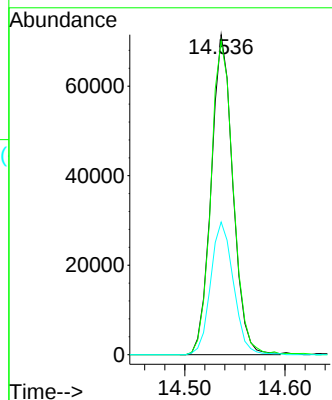
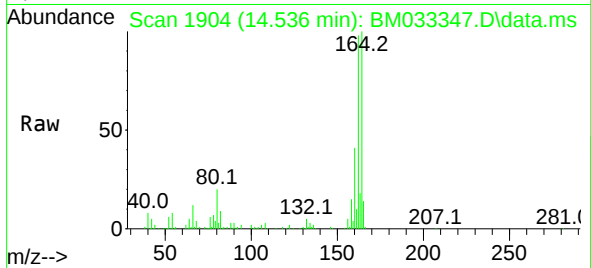




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.536 min Scan# 1904
Delta R.T. 0.012 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

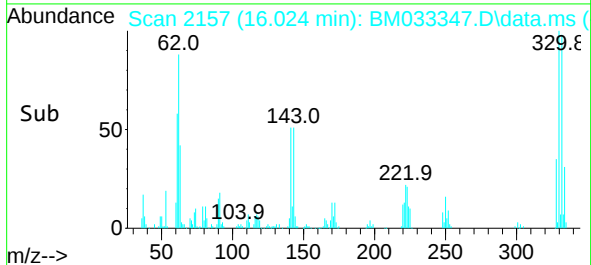
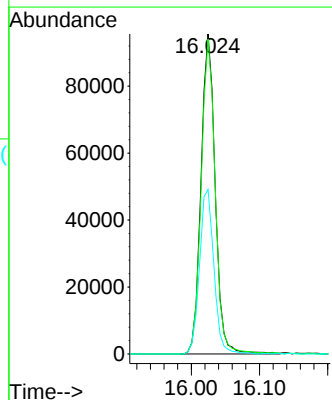
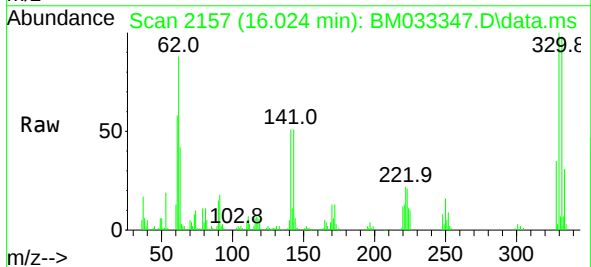
Instrument :
BNA_M
ClientSampleId :
PB141259BL

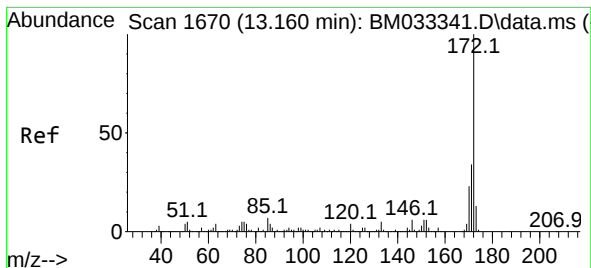
Tgt Ion:164 Resp: 107482
Ion Ratio Lower Upper
164 100
162 98.0 79.7 119.5
160 41.4 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 120.134 ng
RT: 16.024 min Scan# 2157
Delta R.T. 0.012 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

Tgt Ion:330 Resp: 138125
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 52.2 35.9 53.9





#45

2-Fluorobiphenyl

Concen: 96.629 ng

RT: 13.160 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM033347.D

Acq: 08 Dec 2021 17:24

Instrument :

BNA_M

ClientSampleId :

PB141259BL

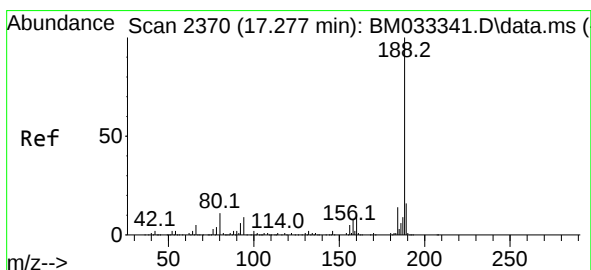
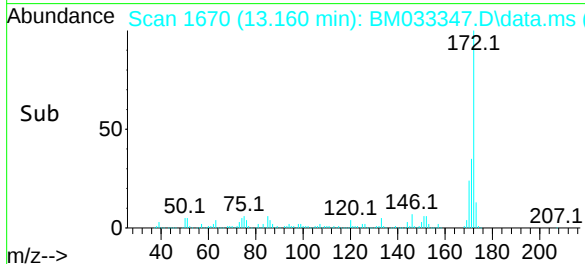
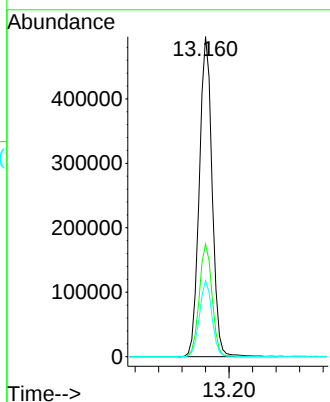
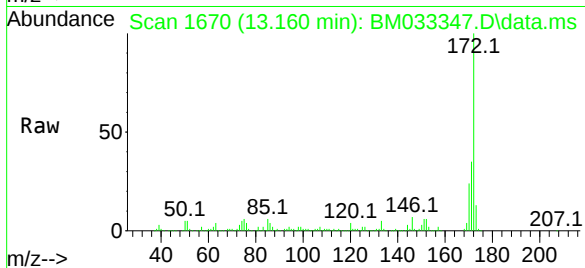
Tgt Ion:172 Resp: 750832

Ion Ratio Lower Upper

172 100

171 35.2 27.2 40.8

170 23.7 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.277 min Scan# 2370

Delta R.T. 0.012 min

Lab File: BM033347.D

Acq: 08 Dec 2021 17:24

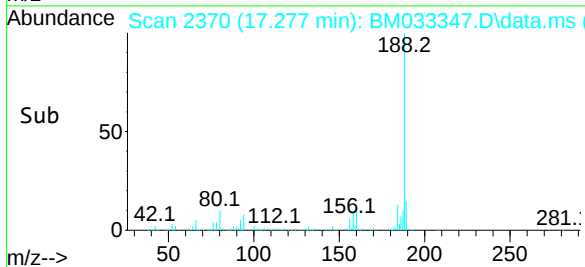
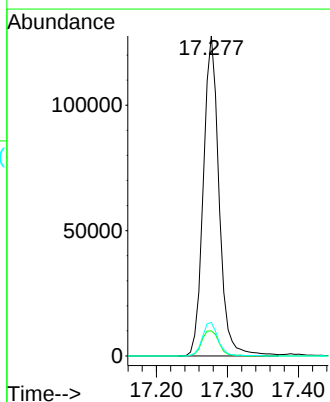
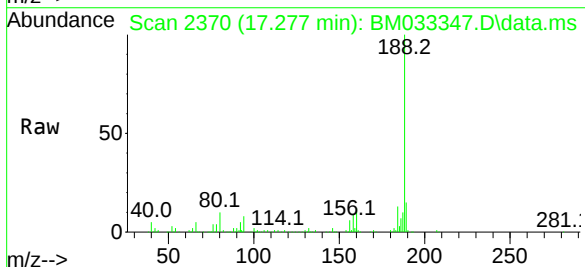
Tgt Ion:188 Resp: 197206

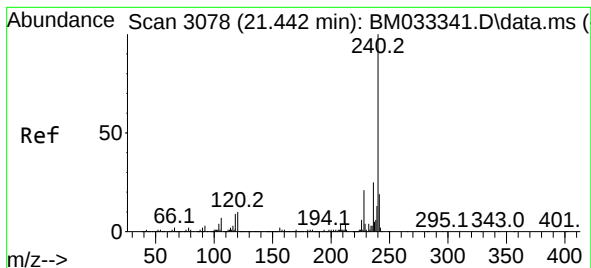
Ion Ratio Lower Upper

188 100

94 7.8 7.5 11.3

80 10.5 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.436 min Scan# 30

Delta R.T. 0.006 min

Lab File: BM033347.D

Acq: 08 Dec 2021 17:24

Instrument :

BNA_M

ClientSampleId :

PB141259BL

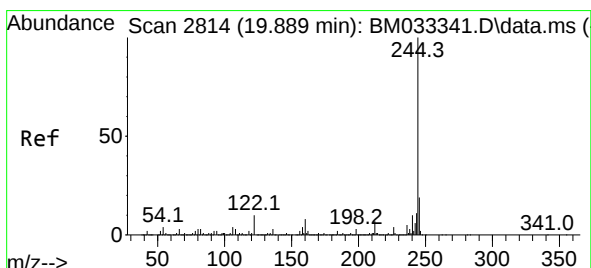
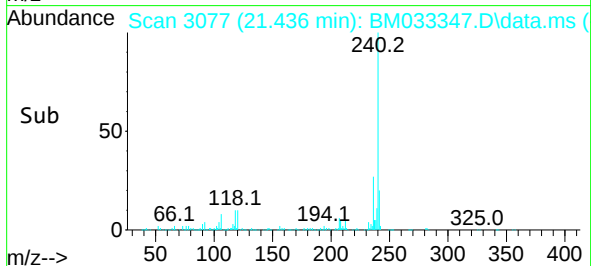
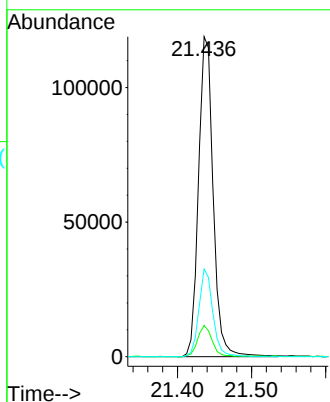
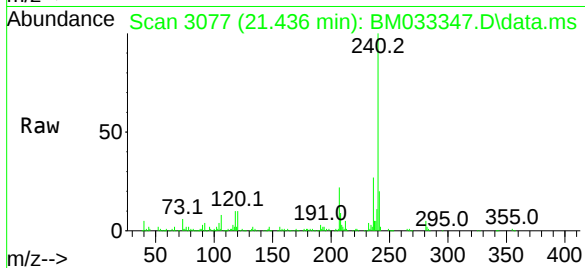
Tgt Ion:240 Resp: 163498

Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 27.4 20.3 30.5



#79

Terphenyl-d14

Concen: 97.761 ng

RT: 19.883 min Scan# 2813

Delta R.T. 0.006 min

Lab File: BM033347.D

Acq: 08 Dec 2021 17:24

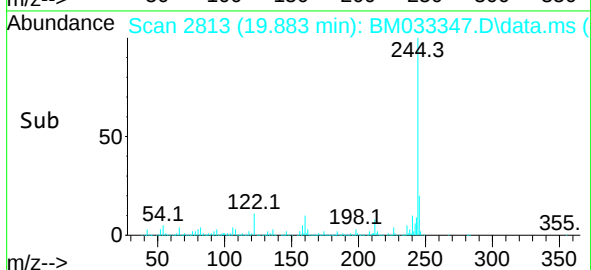
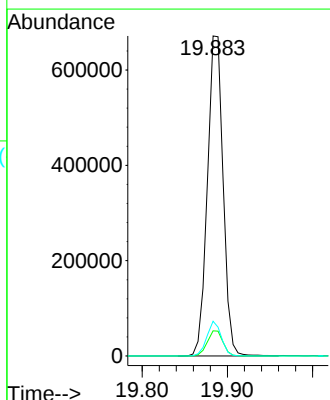
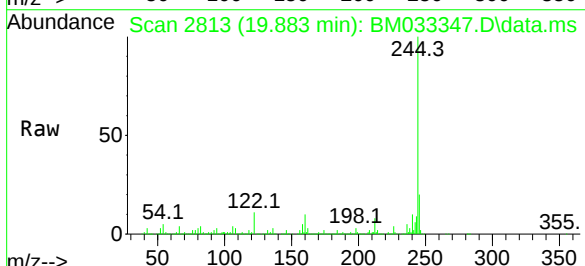
Tgt Ion:244 Resp: 862738

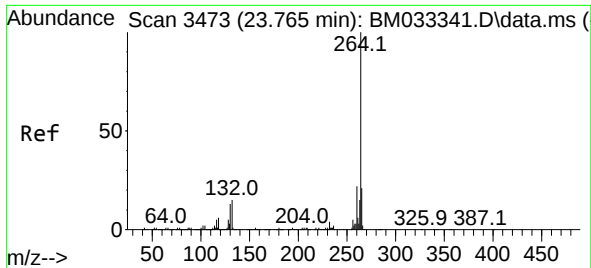
Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

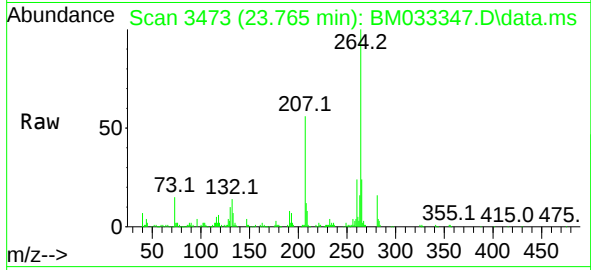
122 10.8 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.765 min Scan# 34
Delta R.T. 0.012 min
Lab File: BM033347.D
Acq: 08 Dec 2021 17:24

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:264 Resp: 168747
Ion Ratio Lower Upper
264 100
260 23.8 17.7 26.5
265 23.7 17.7 26.5

