

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011222\
 Data File : BM033707.D
 Acq On : 12 Jan 2022 20:10
 Operator : CG/JU
 Sample : N1099-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-02

Quant Time: Jan 13 07:52:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 13 07:49:01 2022
 Response via : Initial Calibration

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

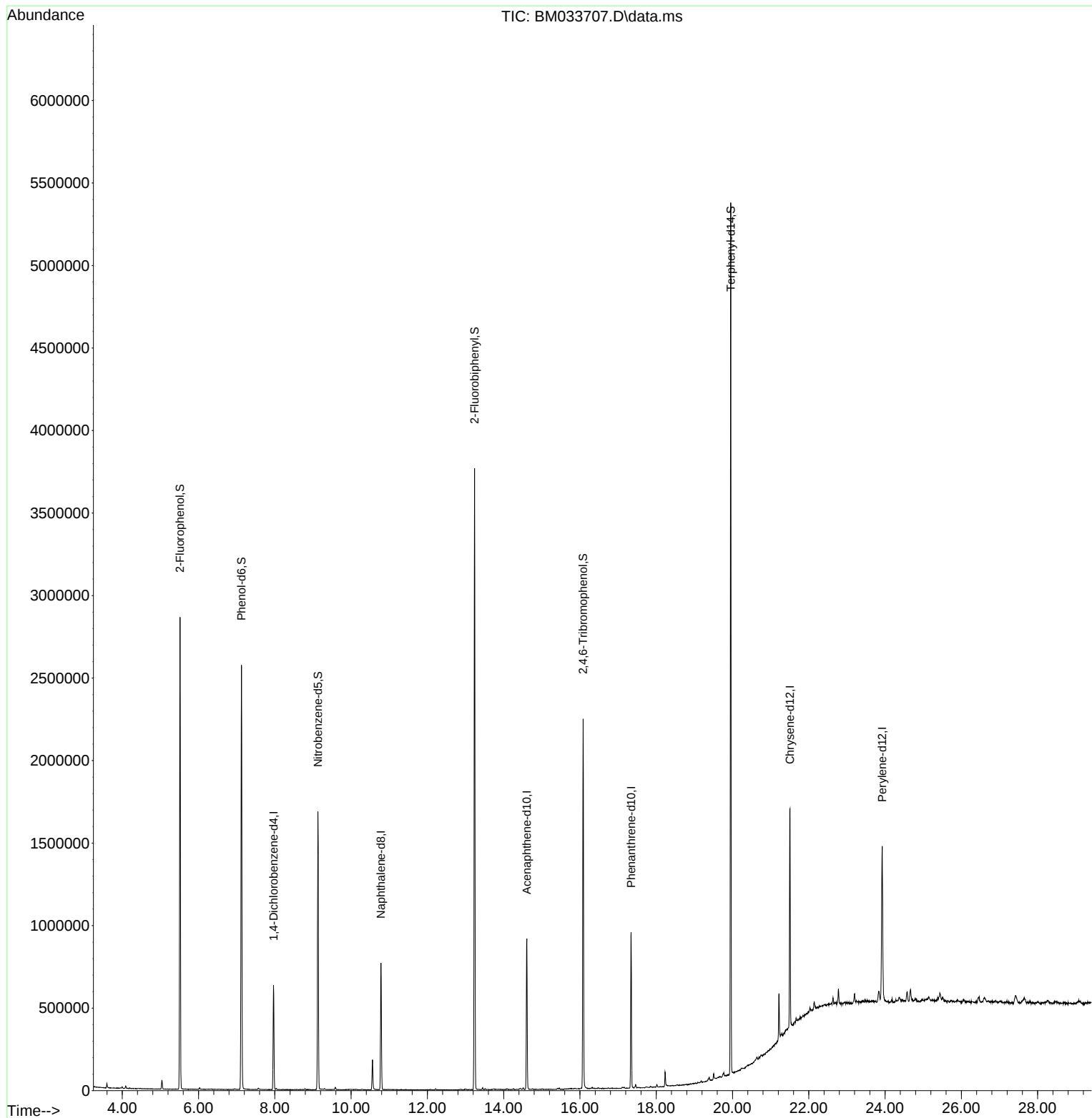
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	157961	20.000	ng	0.00
21) Naphthalene-d8	10.784	136	608573	20.000	ng	# 0.00
39) Acenaphthene-d10	14.607	164	312831	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	547009	20.000	ng	0.00
76) Chrysene-d12	21.506	240	628071	20.000	ng	0.00
86) Perylene-d12	23.924	264	687427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1105630	110.390	ng	0.00
7) Phenol-d6	7.125	99	1359835	100.738	ng	0.00
23) Nitrobenzene-d5	9.131	82	916907	69.581	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	380026	116.308	ng	0.00
45) 2-Fluorobiphenyl	13.236	172	1795946	75.194	ng	0.00
79) Terphenyl-d14	19.953	244	2176722	62.383	ng	0.00
Target Compounds						
9) Benzaldehyde	7.125	77	3420	Below Cal	#	Qvalue 13

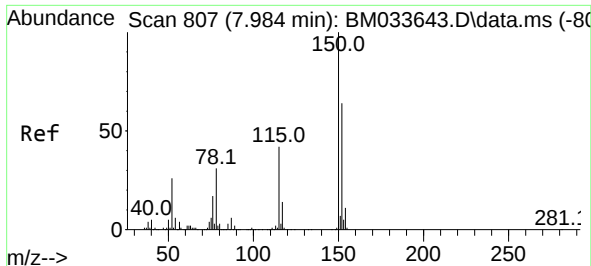
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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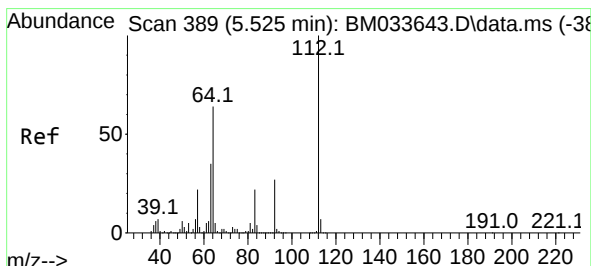
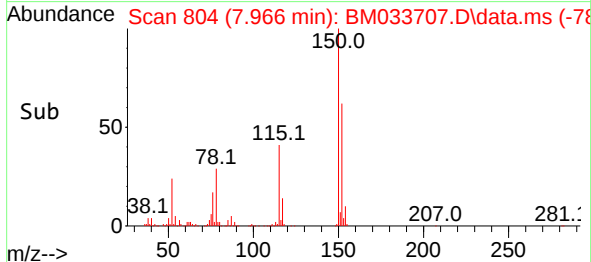
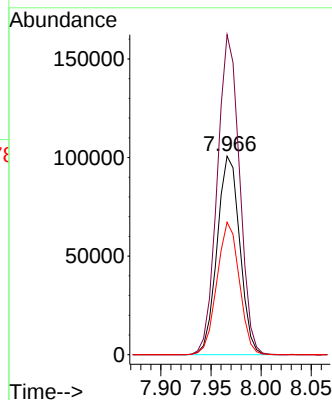
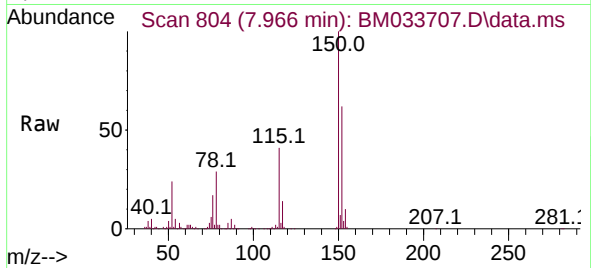




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.966 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM033707.D
Acq: 12 Jan 2022 20:10

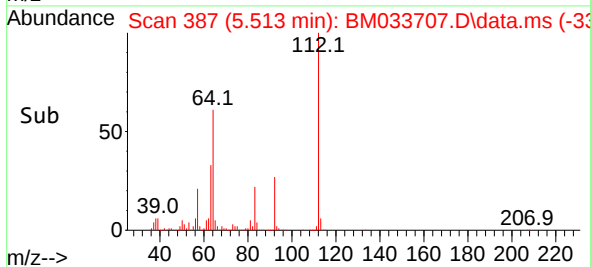
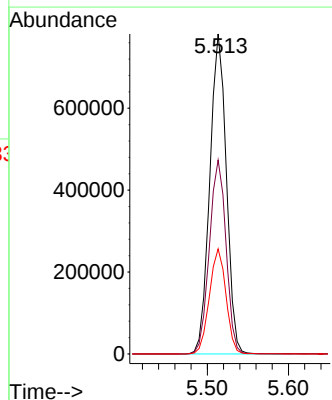
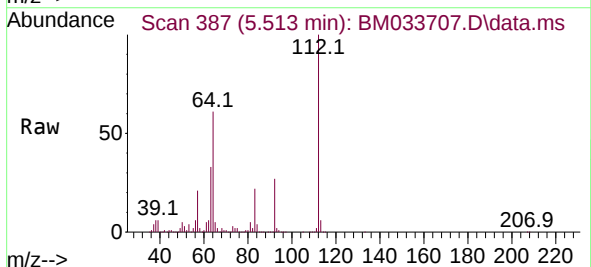
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-02

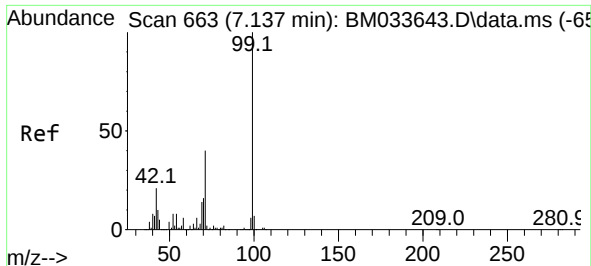
Tgt Ion:152 Resp: 157961
Ion Ratio Lower Upper
152 100
150 161.1 128.9 193.3
115 66.7 53.0 79.6



#5
2-Fluorophenol
Concen: 110.390 ng
RT: 5.513 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM033707.D
Acq: 12 Jan 2022 20:10

Tgt Ion:112 Resp: 1105630
Ion Ratio Lower Upper
112 100
64 60.6 55.5 83.3
63 32.9 31.3 46.9

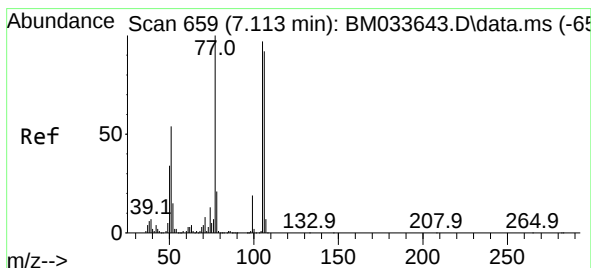
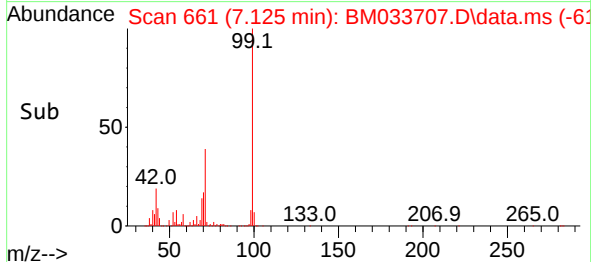
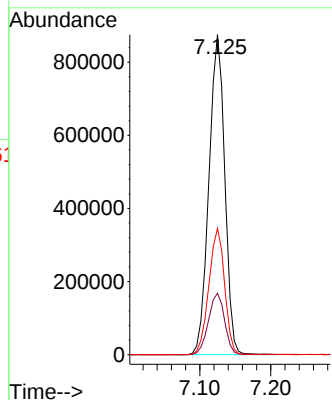
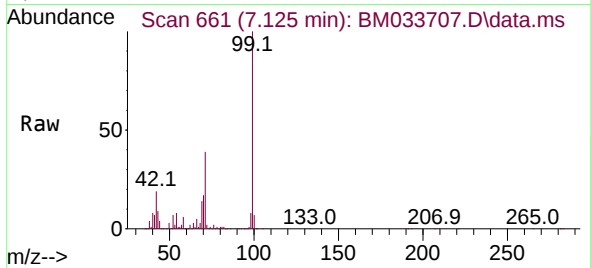




#7
Phenol-d6
Concen: 100.738 ng
RT: 7.125 min Scan# 661
Delta R.T. 0.000 min
Lab File: BM033707.D
Acq: 12 Jan 2022 20:10

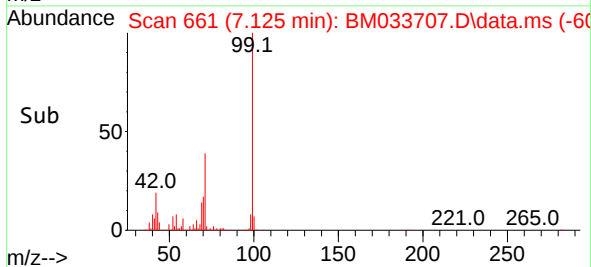
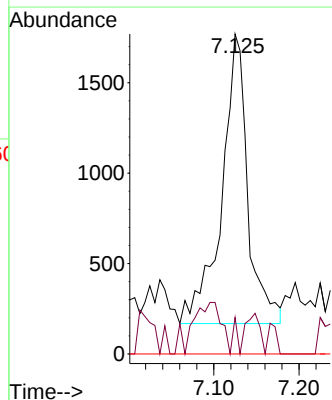
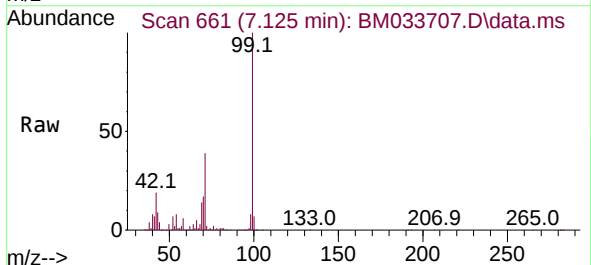
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-02

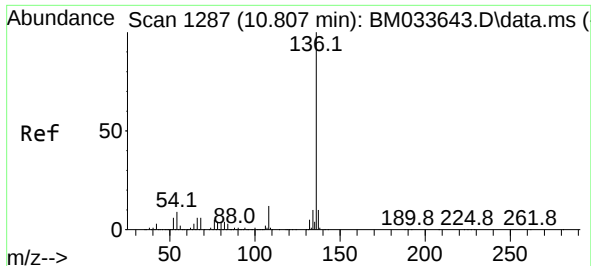
Tgt Ion: 99 Resp: 1359835
Ion Ratio Lower Upper
99 100
42 19.2 20.3 30.5#
71 39.5 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.125 min Scan# 661
Delta R.T. 0.030 min
Lab File: BM033707.D
Acq: 12 Jan 2022 20:10

Tgt Ion: 77 Resp: 3420
Ion Ratio Lower Upper
77 100
105 11.4 67.1 107.1#
106 0.0 64.3 104.3#

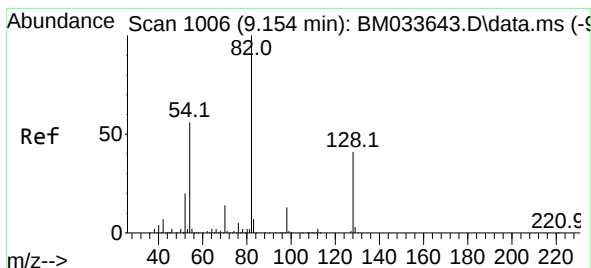
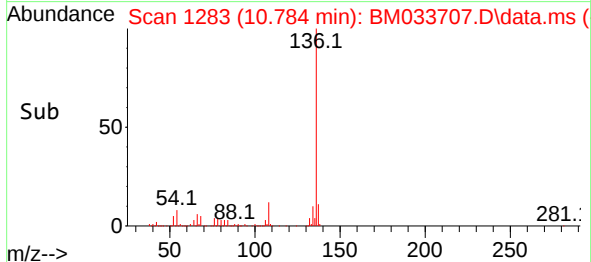
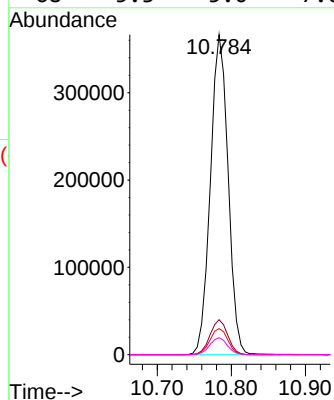
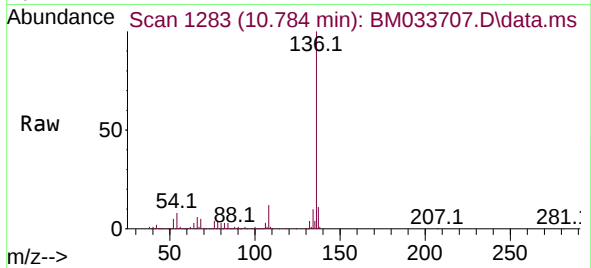




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033707.D
Acq: 12 Jan 2022 20:10

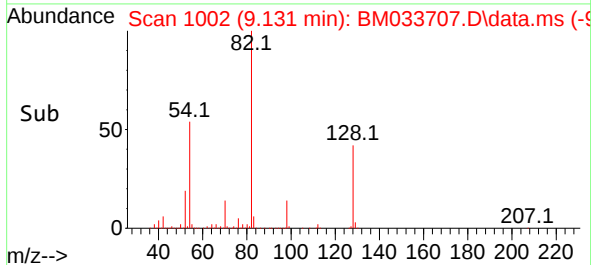
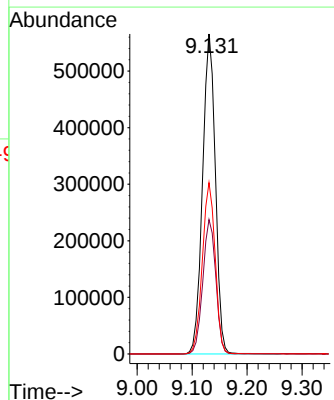
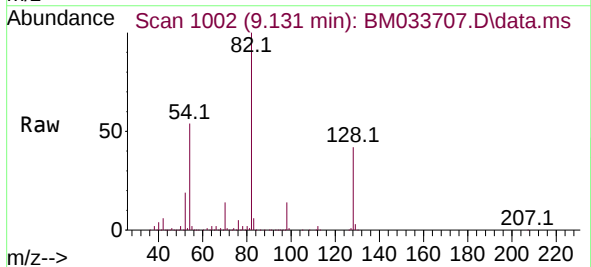
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-02

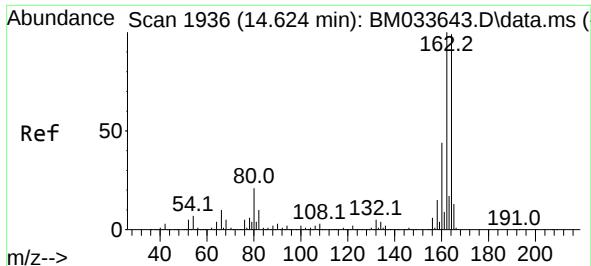
Tgt Ion:136 Resp: 608573
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 8.3 12.5#
68 5.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 69.581 ng
RT: 9.131 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM033707.D
Acq: 12 Jan 2022 20:10

Tgt Ion: 82 Resp: 916907
Ion Ratio Lower Upper
82 100
128 42.0 28.1 42.1
54 53.5 46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.607 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BM033707.D

Acq: 12 Jan 2022 20:10

Instrument :

BNA_M

ClientSampleId :

VACLOT-BACKFILL-TILCON-02

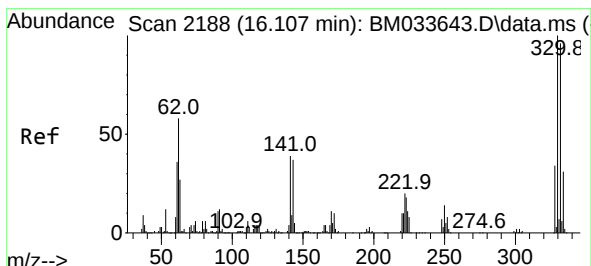
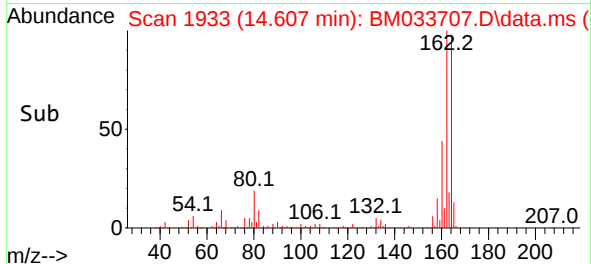
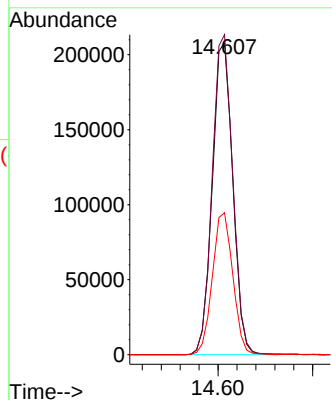
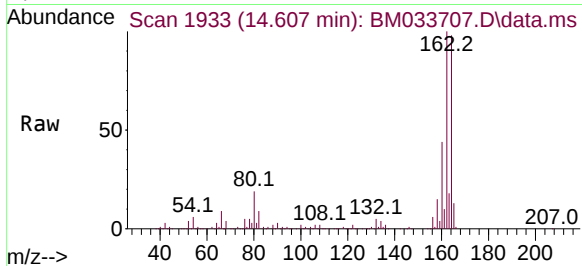
Tgt Ion:164 Resp: 312831

Ion Ratio Lower Upper

164 100

162 102.5 79.7 119.5

160 45.4 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 116.308 ng

RT: 16.083 min Scan# 2184

Delta R.T. -0.006 min

Lab File: BM033707.D

Acq: 12 Jan 2022 20:10

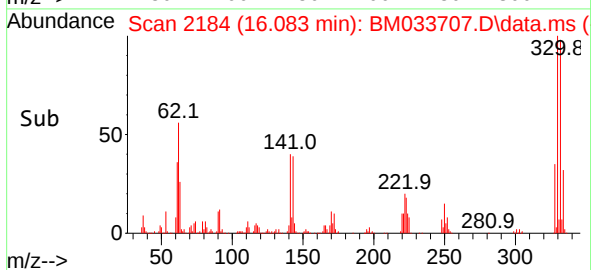
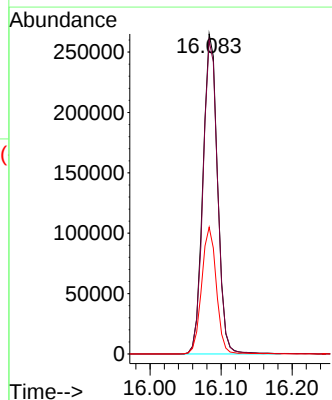
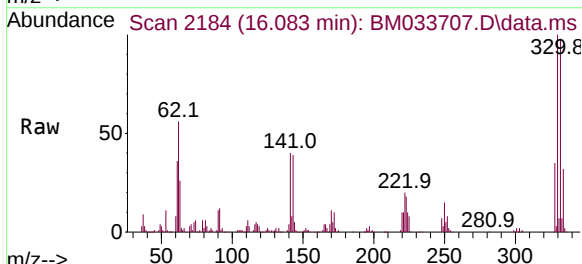
Tgt Ion:330 Resp: 380026

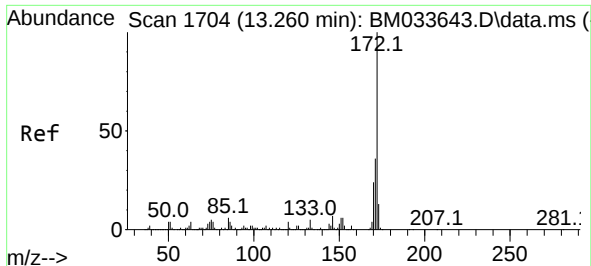
Ion Ratio Lower Upper

330 100

332 98.2 76.5 114.7

141 40.0 35.9 53.9

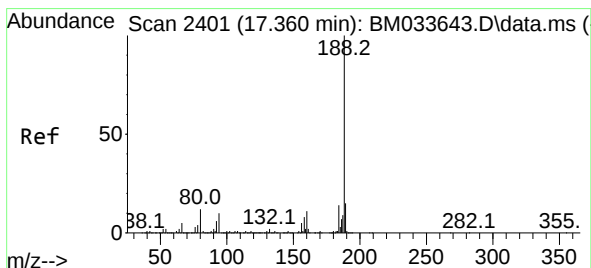
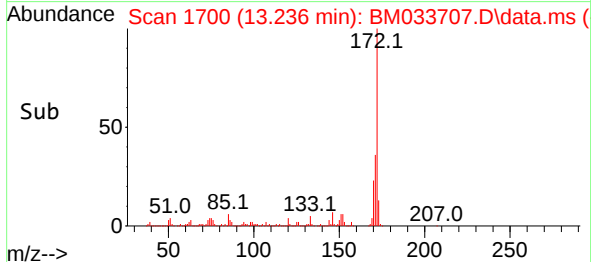
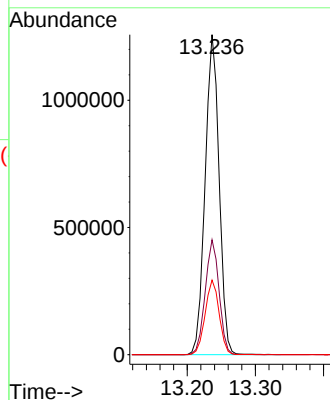
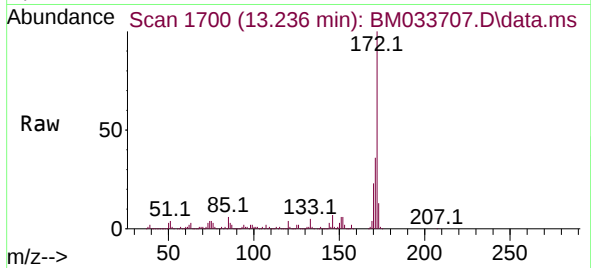




#45
2-Fluorobiphenyl
Concen: 75.194 ng
RT: 13.236 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033707.D
Acq: 12 Jan 2022 20:10

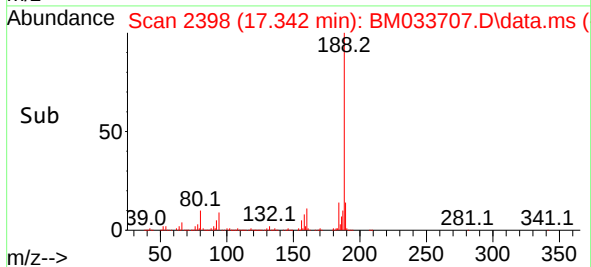
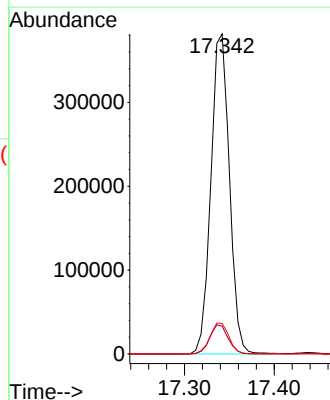
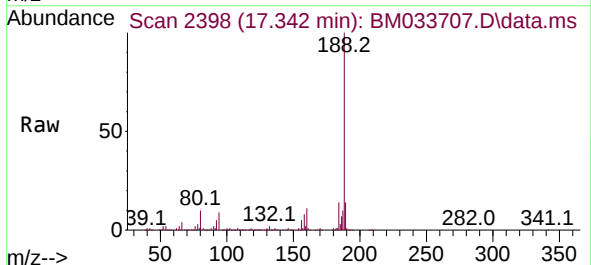
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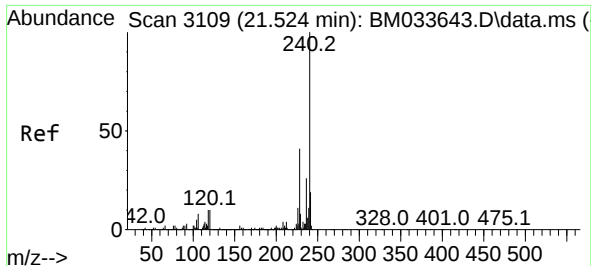
Tgt Ion:172 Resp: 1795946
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 23.3 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM033707.D
Acq: 12 Jan 2022 20:10

Tgt Ion:188 Resp: 547009
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.5 8.9 13.3

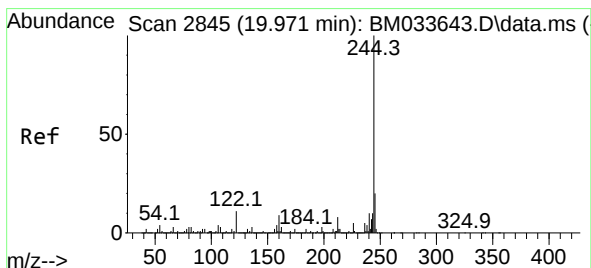
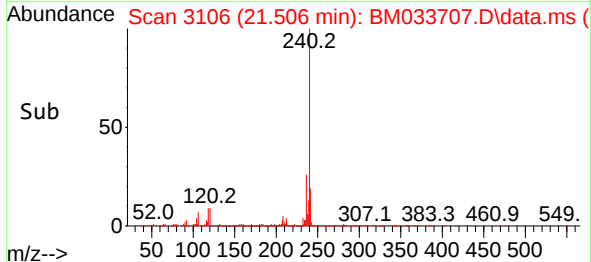
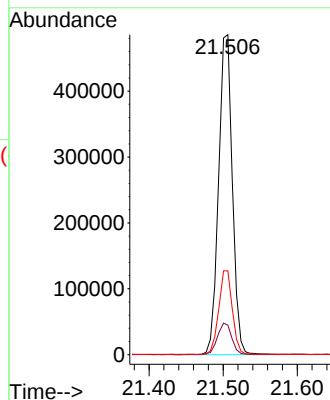
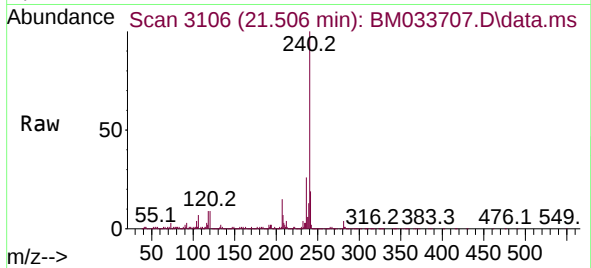




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM033707.D
Acq: 12 Jan 2022 20:10

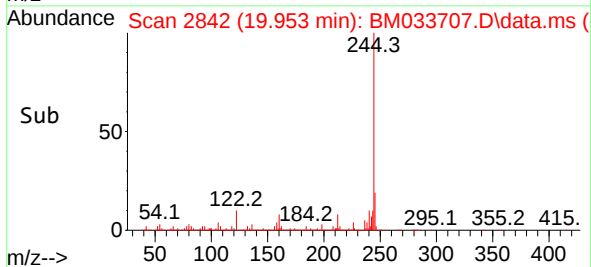
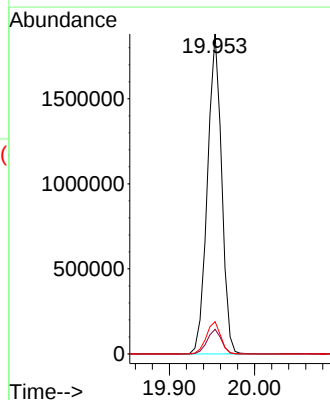
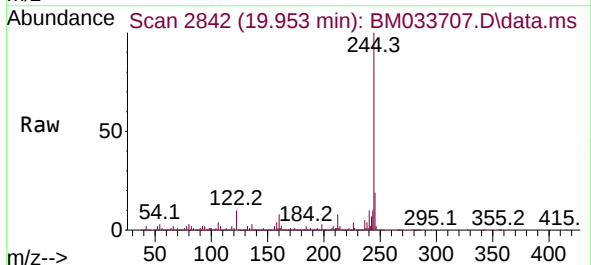
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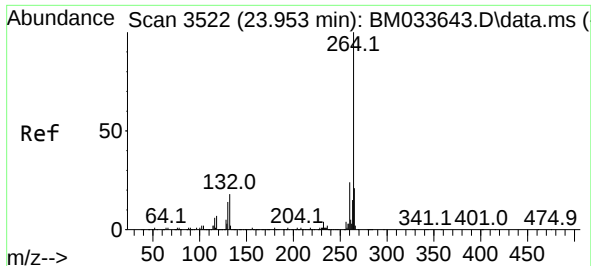
Tgt Ion:240 Resp: 628071
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 26.2 20.3 30.5



#79
Terphenyl-d14
Concen: 62.383 ng
RT: 19.953 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM033707.D
Acq: 12 Jan 2022 20:10

Tgt Ion:244 Resp: 2176722
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 10.1 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.924 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033707.D
Acq: 12 Jan 2022 20:10

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:264 Resp: 687427
Ion Ratio Lower Upper
264 100
260 23.7 17.7 26.5
265 21.8 17.7 26.5

