

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011222\
 Data File : BM033708.D
 Acq On : 12 Jan 2022 20:45
 Operator : CG/JU
 Sample : N1099-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-03

Quant Time: Jan 13 07:52:14 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)

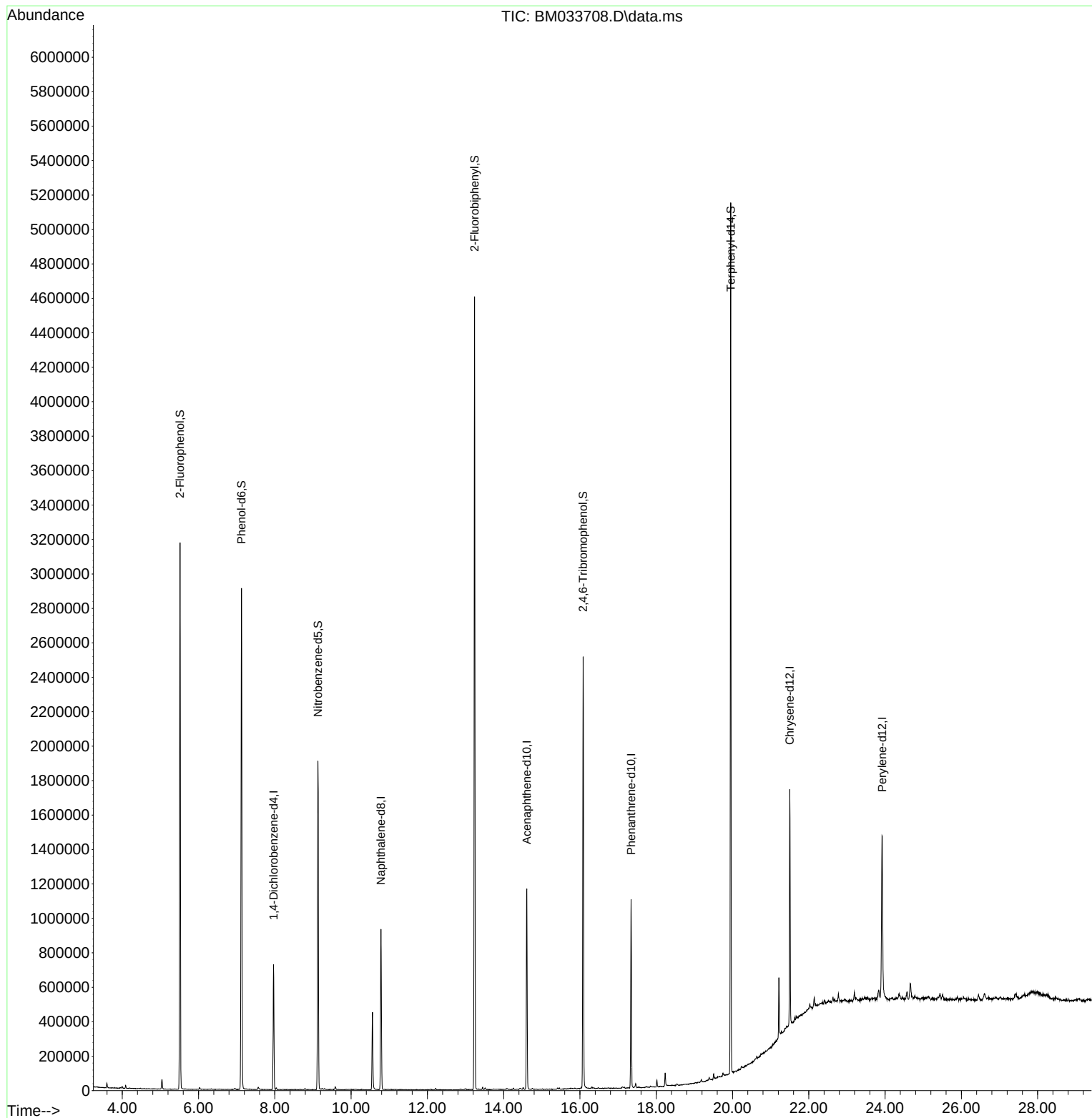
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	183063	20.000	ng	0.00
21) Naphthalene-d8	10.784	136	734152	20.000	ng	# 0.00
39) Acenaphthene-d10	14.607	164	393466	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	616729	20.000	ng	0.00
76) Chrysene-d12	21.501	240	626557	20.000	ng	0.00
86) Perylene-d12	23.924	264	693820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1228519	105.840	ng	0.00
7) Phenol-d6	7.125	99	1571394	100.448	ng	0.00
23) Nitrobenzene-d5	9.131	82	1062302	66.825	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	431685	105.042	ng	0.00
45) 2-Fluorobiphenyl	13.236	172	2180715	72.593	ng	0.00
79) Terphenyl-d14	19.954	244	2143205	61.571	ng	0.00
Target Compounds						
9) Benzaldehyde	7.072	77	252	Below Cal	#	Qvalue 29

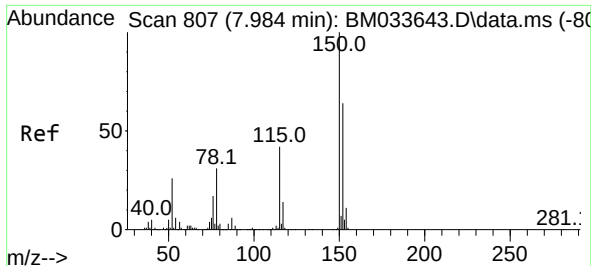
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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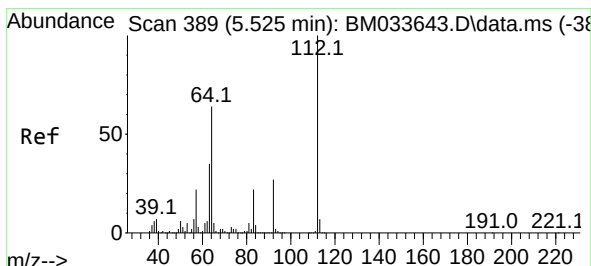
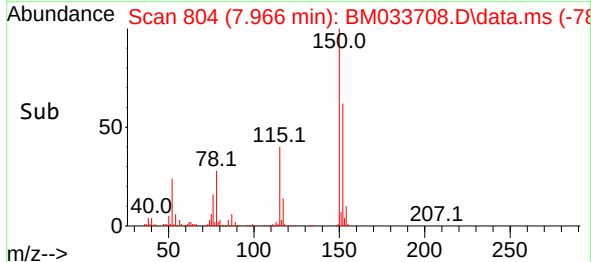
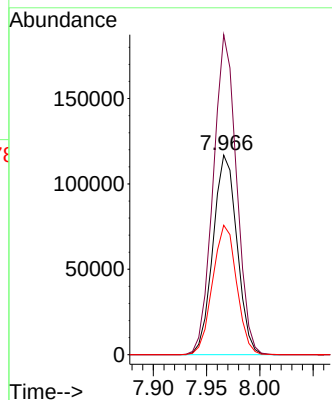
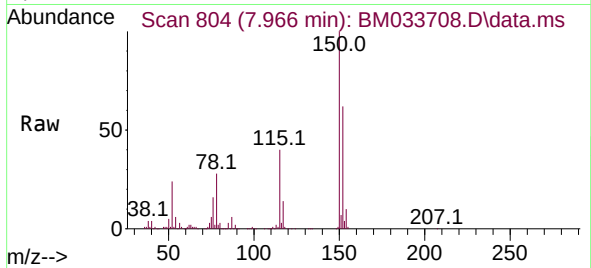




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.966 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM033708.D
Acq: 12 Jan 2022 20:45

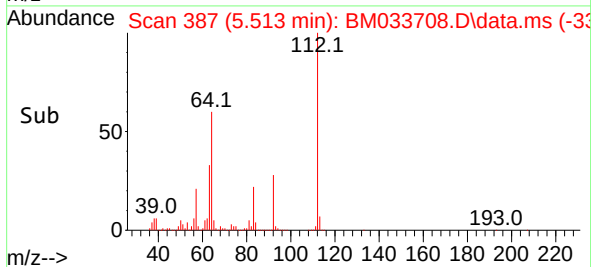
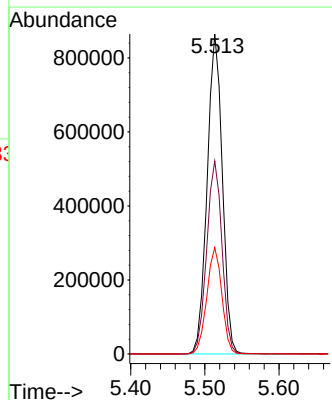
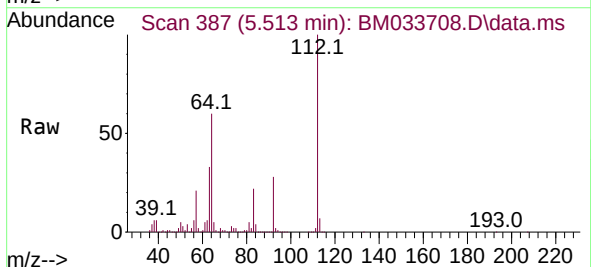
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-03

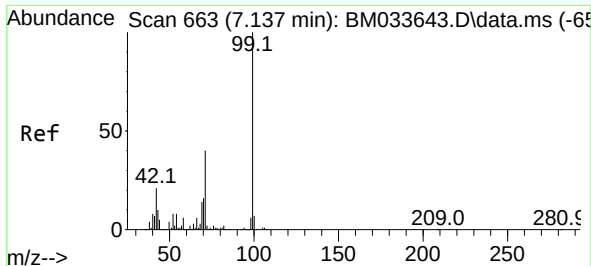
Tgt Ion:152 Resp: 183063
Ion Ratio Lower Upper
152 100
150 160.4 128.9 193.3
115 64.9 53.0 79.6



#5
2-Fluorophenol
Concen: 105.840 ng
RT: 5.513 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM033708.D
Acq: 12 Jan 2022 20:45

Tgt Ion:112 Resp: 1228519
Ion Ratio Lower Upper
112 100
64 60.3 55.5 83.3
63 33.3 31.3 46.9

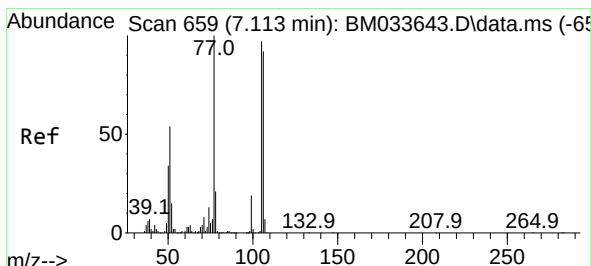
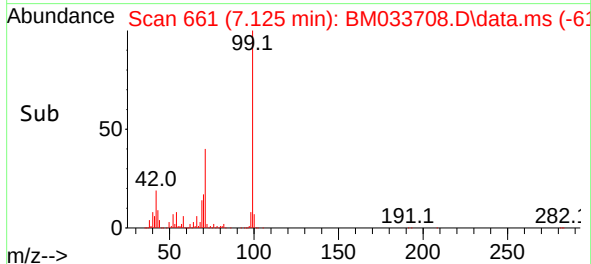
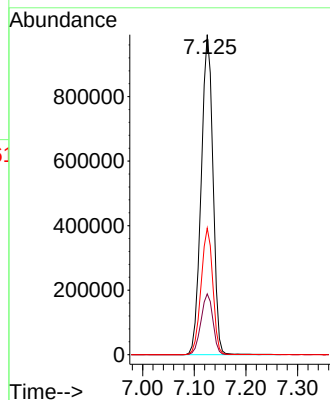
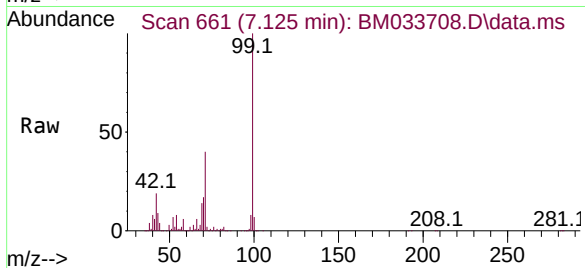




#7
Phenol-d6
Concen: 100.448 ng
RT: 7.125 min Scan# 661
Delta R.T. 0.000 min
Lab File: BM033708.D
Acq: 12 Jan 2022 20:45

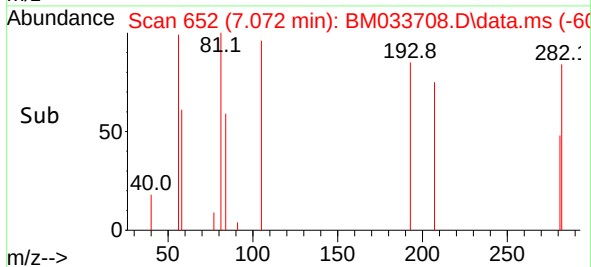
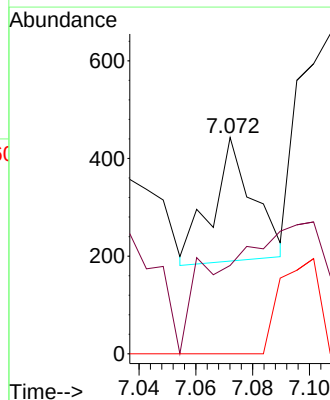
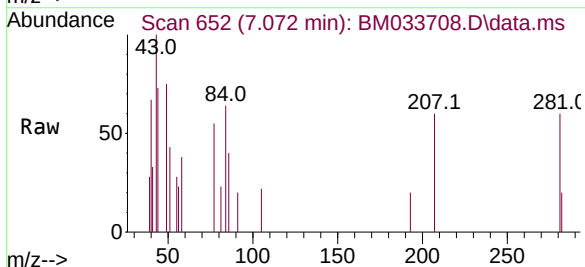
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-03

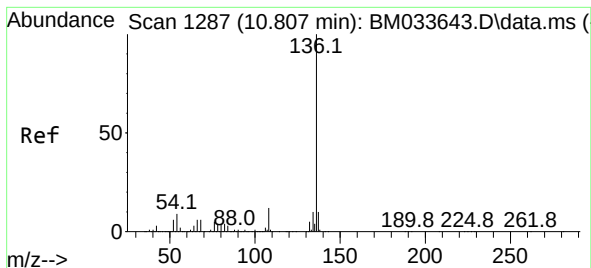
Tgt Ion: 99 Resp: 1571394
Ion Ratio Lower Upper
99 100
42 19.0 20.3 30.5#
71 39.5 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.072 min Scan# 652
Delta R.T. -0.023 min
Lab File: BM033708.D
Acq: 12 Jan 2022 20:45

Tgt Ion: 77 Resp: 252
Ion Ratio Lower Upper
77 100
105 40.9 67.1 107.1#
106 0.0 64.3 104.3#

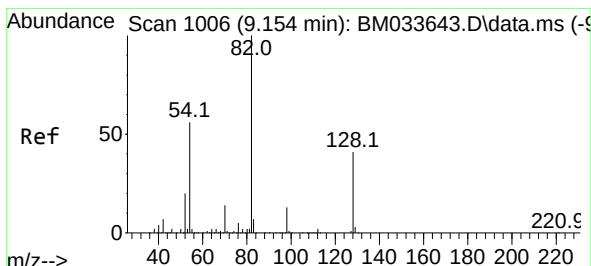
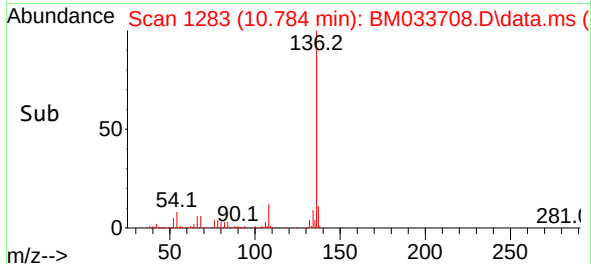
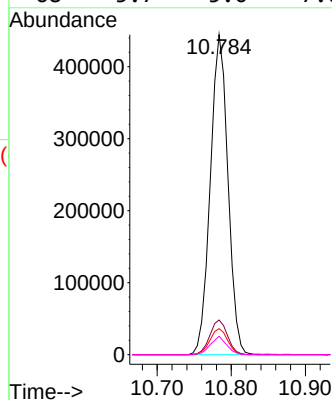
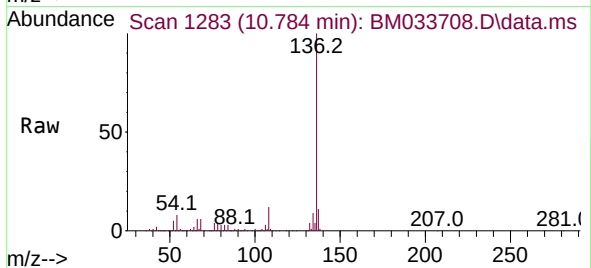




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033708.D
Acq: 12 Jan 2022 20:45

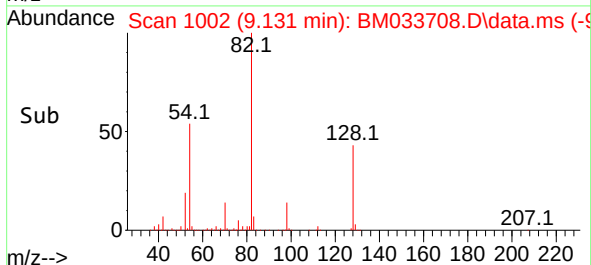
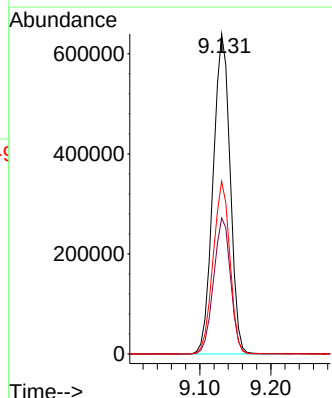
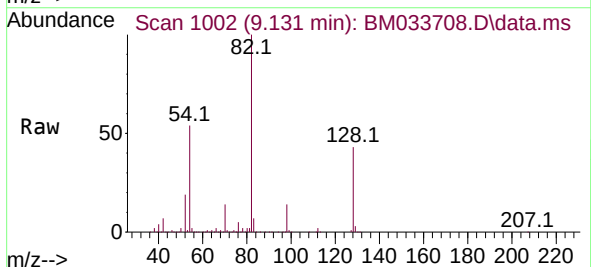
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-03

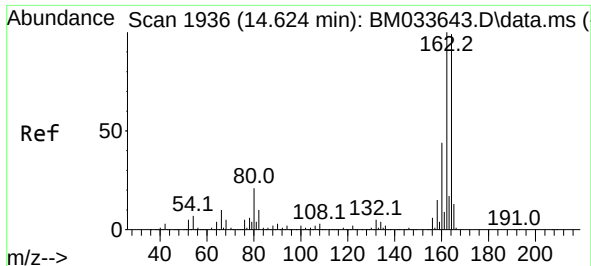
Tgt Ion:136 Resp: 734152
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 8.3 12.5#
68 5.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 66.825 ng
RT: 9.131 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM033708.D
Acq: 12 Jan 2022 20:45

Tgt Ion: 82 Resp: 1062302
Ion Ratio Lower Upper
82 100
128 42.5 28.1 42.1#
54 54.0 46.1 69.1

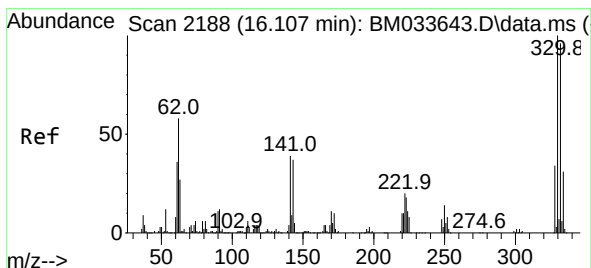
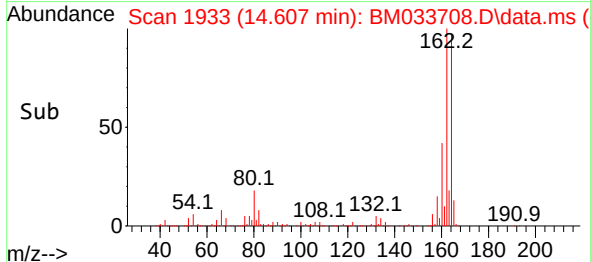
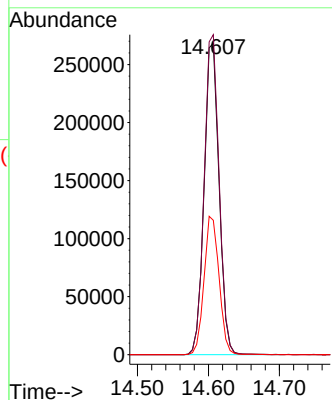
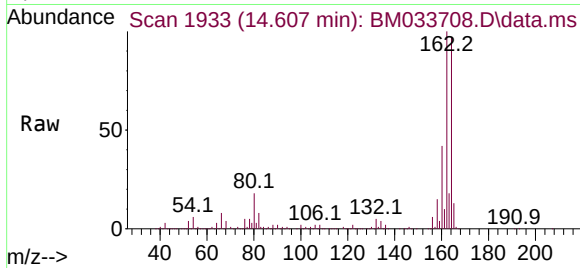




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.607 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM033708.D
Acq: 12 Jan 2022 20:45

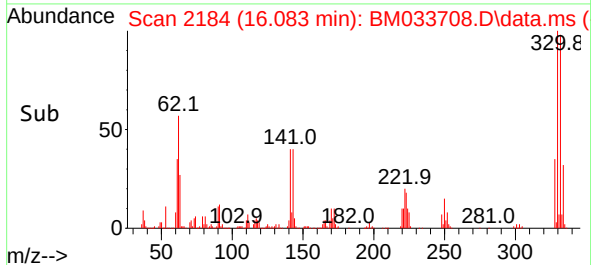
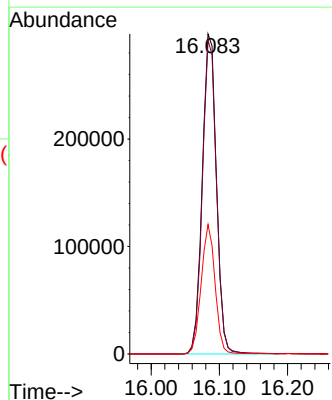
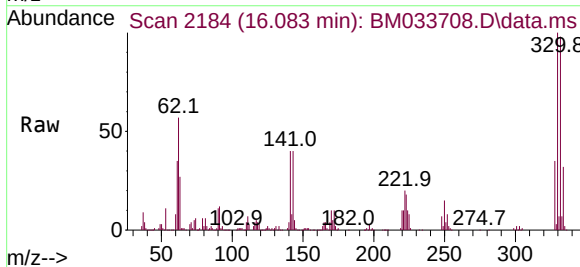
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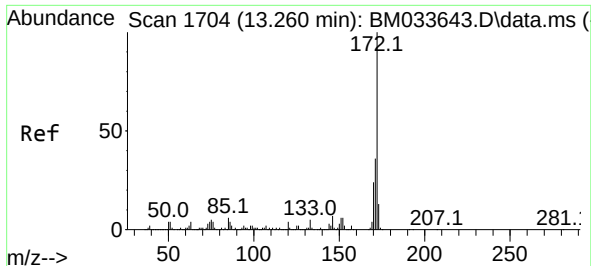
Tgt Ion:164 Resp: 393466
Ion Ratio Lower Upper
164 100
162 102.8 79.7 119.5
160 43.2 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 105.042 ng
RT: 16.083 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM033708.D
Acq: 12 Jan 2022 20:45

Tgt Ion:330 Resp: 431685
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 39.6 35.9 53.9

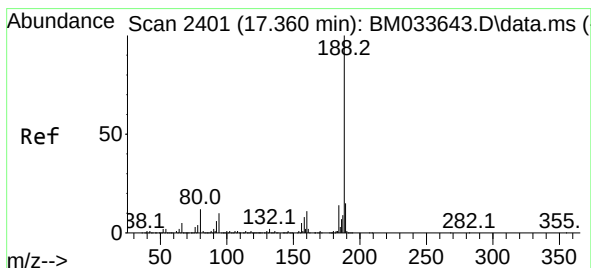
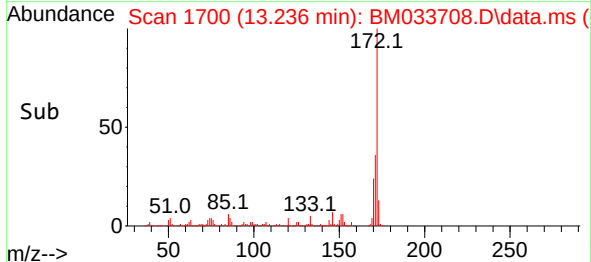
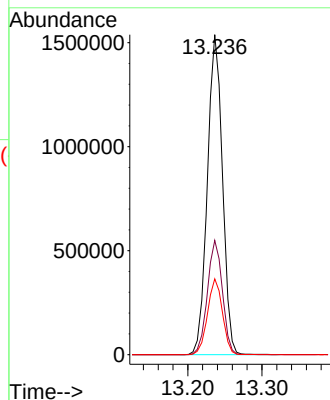
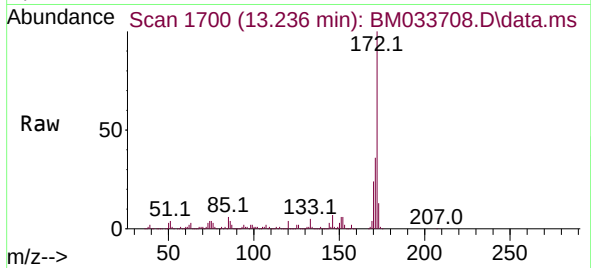




#45
2-Fluorobiphenyl
Concen: 72.593 ng
RT: 13.236 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033708.D
Acq: 12 Jan 2022 20:45

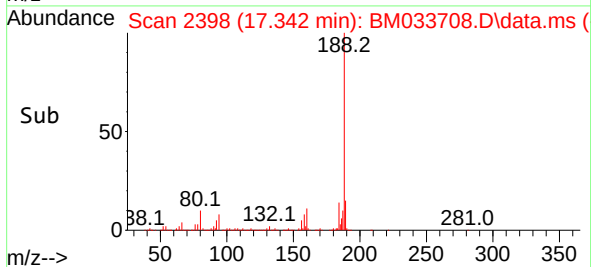
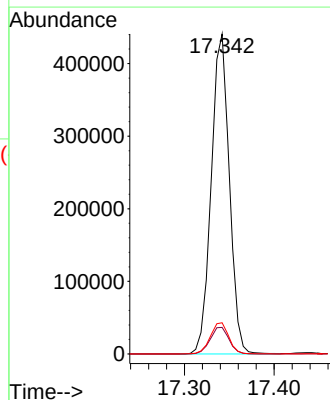
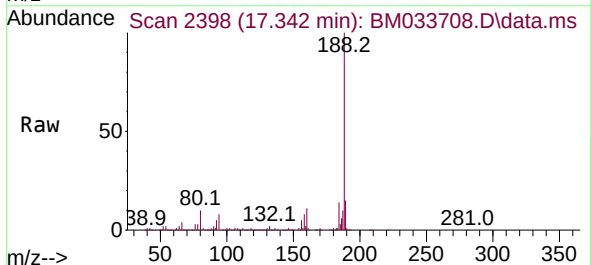
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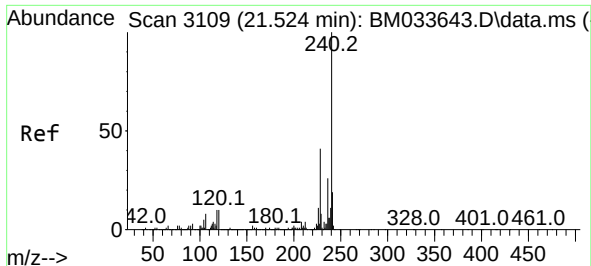
Tgt Ion:172 Resp: 2180715
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 23.7 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM033708.D
Acq: 12 Jan 2022 20:45

Tgt Ion:188 Resp: 616729
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 9.7 8.9 13.3

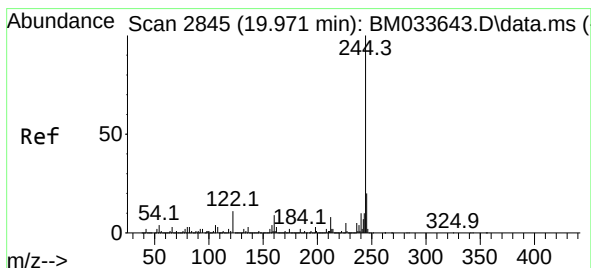
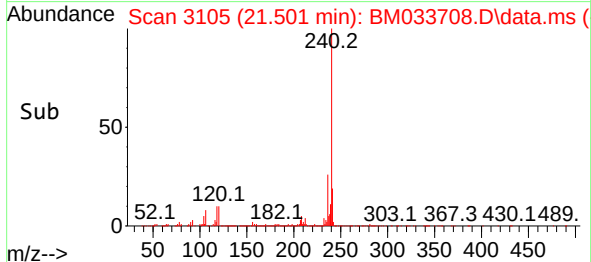
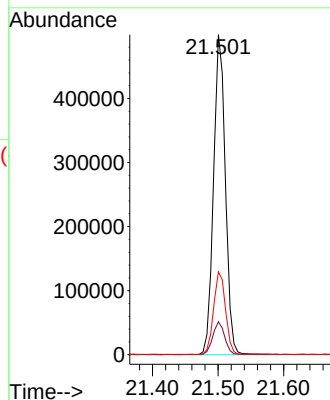
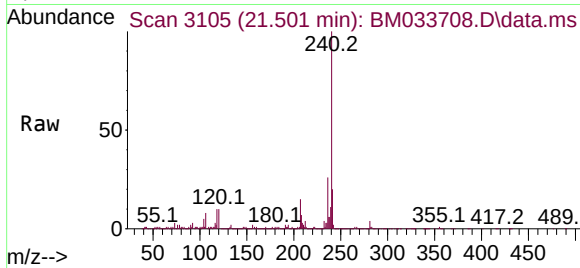




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033708.D
Acq: 12 Jan 2022 20:45

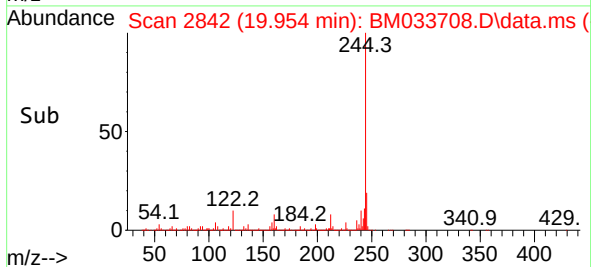
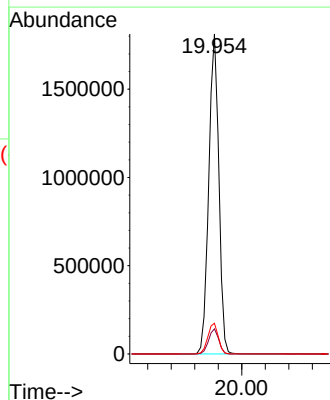
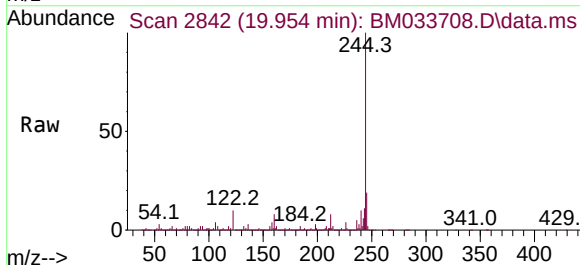
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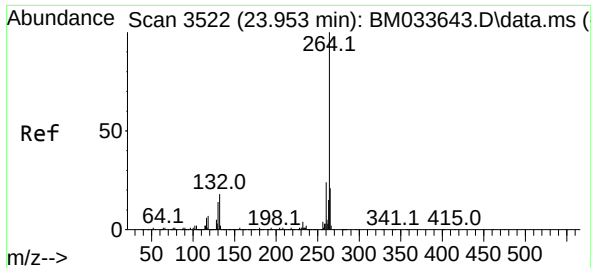
Tgt Ion:240 Resp: 626557
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 61.571 ng
RT: 19.954 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM033708.D
Acq: 12 Jan 2022 20:45

Tgt Ion:244 Resp: 2143205
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.6 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: BM033708.D
Acq: 12 Jan 2022 20:45

Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-03

Tgt Ion:264 Resp: 693820

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.7	26.5
265	21.7	17.7	26.5

