

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011222\
 Data File : BM033706.D
 Acq On : 12 Jan 2022 19:34
 Operator : CG/JU
 Sample : N1099-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-01

Quant Time: Jan 13 07:51:56 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)

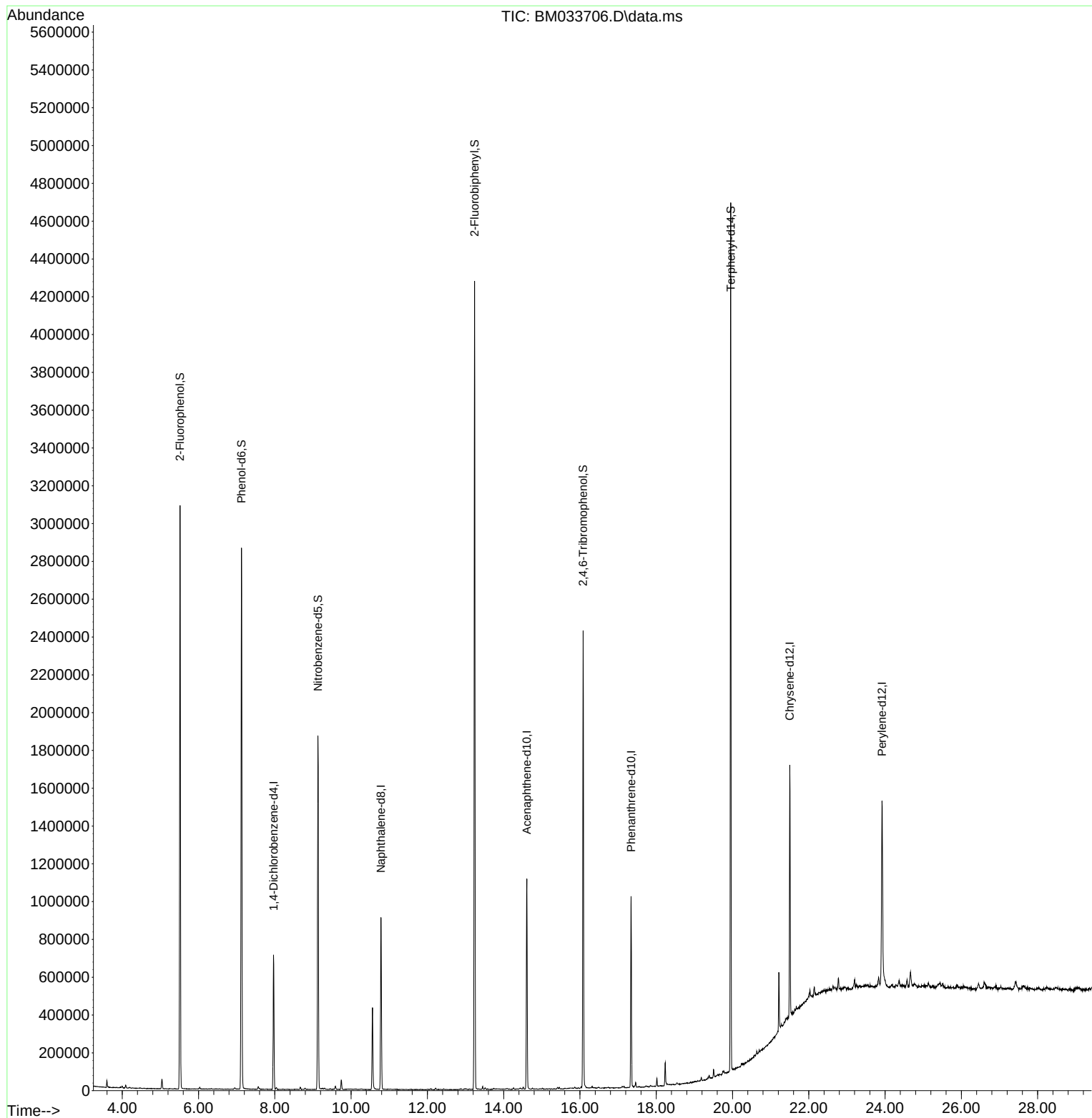
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	179170	20.000	ng	0.00
21) Naphthalene-d8	10.783	136	718902	20.000	ng	# 0.00
39) Acenaphthene-d10	14.607	164	377834	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	577390	20.000	ng	0.00
76) Chrysene-d12	21.500	240	619665	20.000	ng	0.00
86) Perylene-d12	23.918	264	675685	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1200583	105.681	ng	0.00
7) Phenol-d6	7.125	99	1525215	99.614	ng	0.00
23) Nitrobenzene-d5	9.131	82	1025055	65.850	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	397157	100.639	ng	0.00
45) 2-Fluorobiphenyl	13.236	172	2069334	71.735	ng	0.00
79) Terphenyl-d14	19.953	244	2015425	58.544	ng	0.00
Target Compounds						
9) Benzaldehyde	7.131	77	3001	Below Cal	#	Qvalue 13

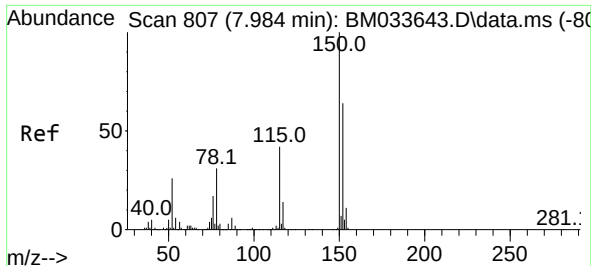
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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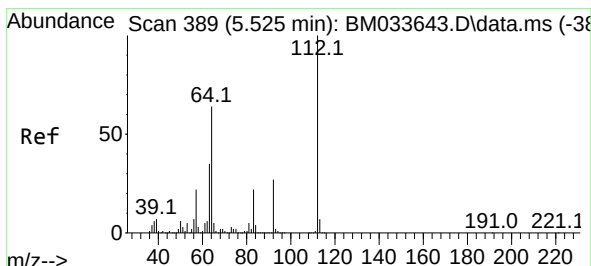
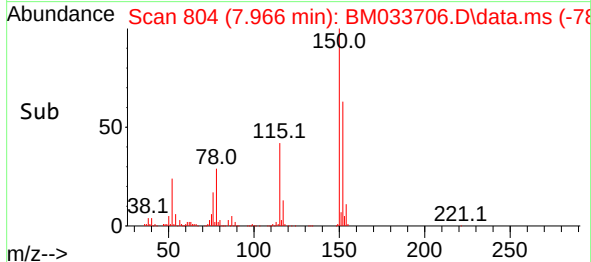
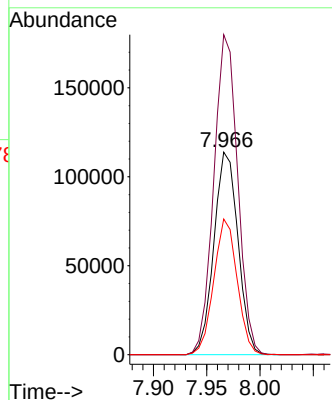
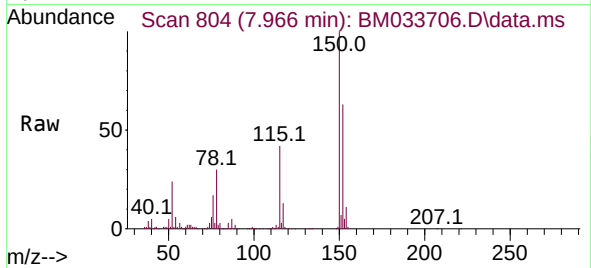




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.966 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

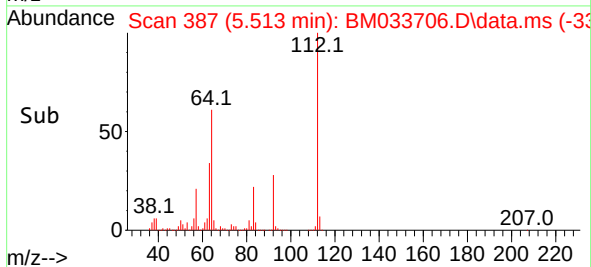
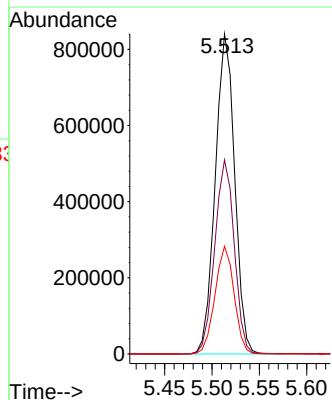
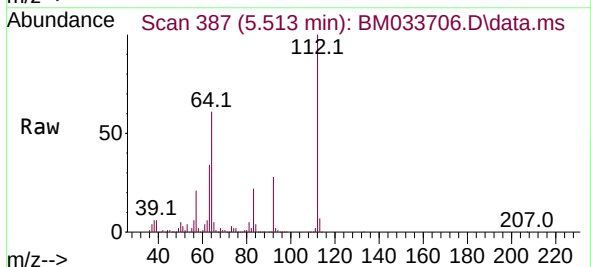
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-01

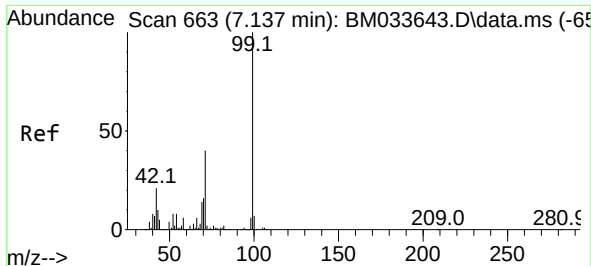
Tgt Ion:152 Resp: 179170
Ion Ratio Lower Upper
152 100
150 158.0 128.9 193.3
115 67.0 53.0 79.6



#5
2-Fluorophenol
Concen: 105.681 ng
RT: 5.513 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

Tgt Ion:112 Resp: 1200583
Ion Ratio Lower Upper
112 100
64 60.7 55.5 83.3
63 33.6 31.3 46.9

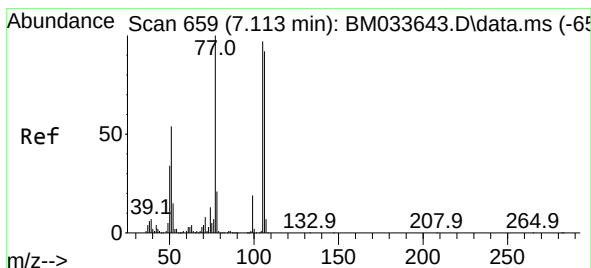
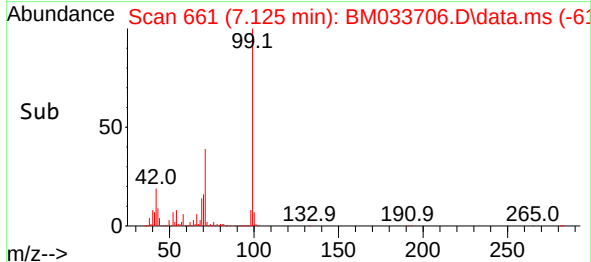
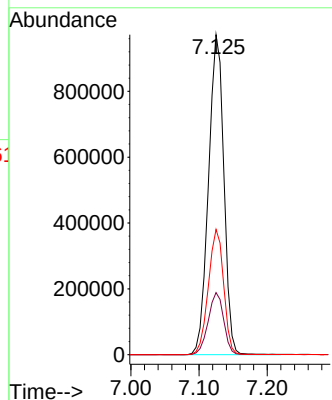
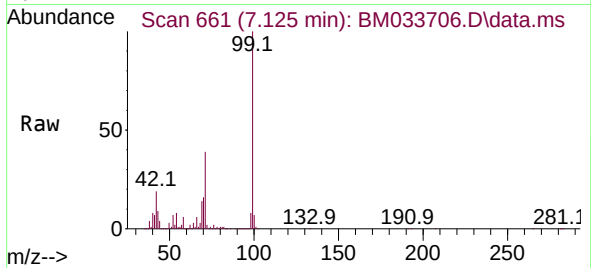




#7
Phenol-d6
Concen: 99.614 ng
RT: 7.125 min Scan# 661
Delta R.T. 0.000 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

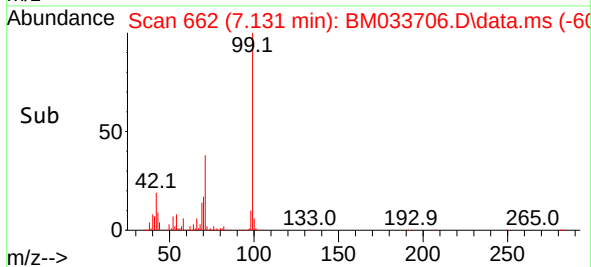
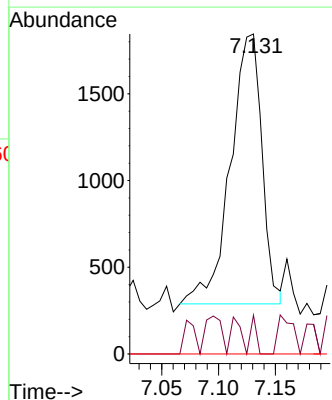
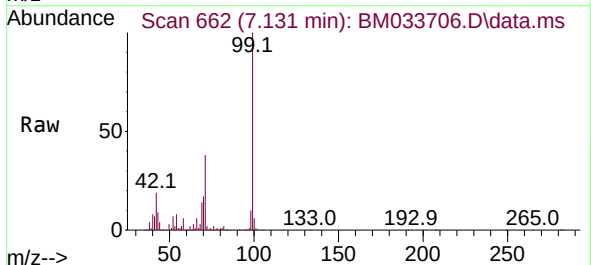
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-01

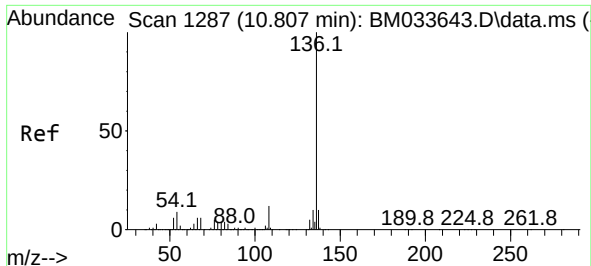
Tgt Ion: 99 Resp: 1525215
Ion Ratio Lower Upper
99 100
42 19.4 20.3 30.5#
71 39.2 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.131 min Scan# 662
Delta R.T. 0.035 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

Tgt Ion: 77 Resp: 3001
Ion Ratio Lower Upper
77 100
105 12.1 67.1 107.1#
106 0.0 64.3 104.3#

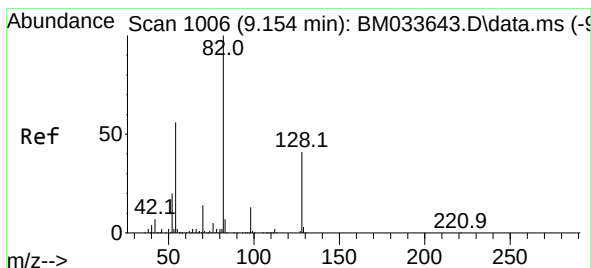
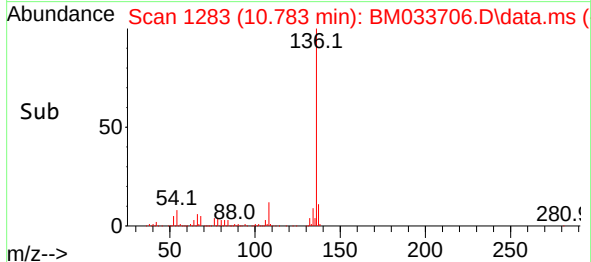
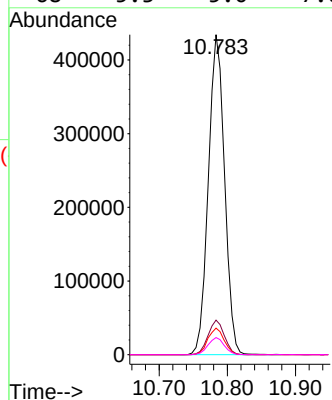
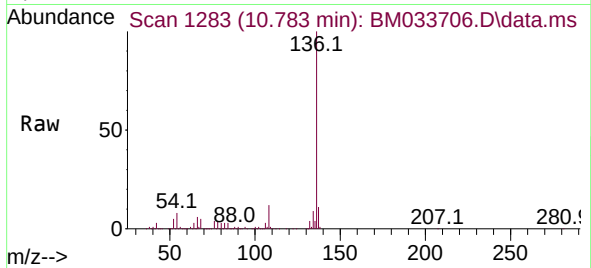




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.783 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

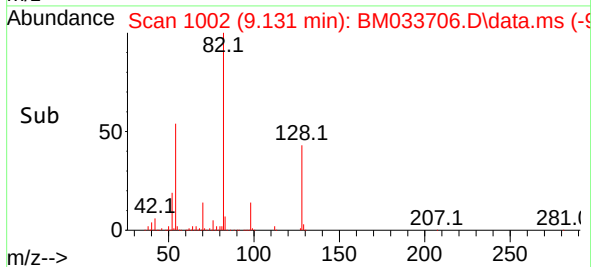
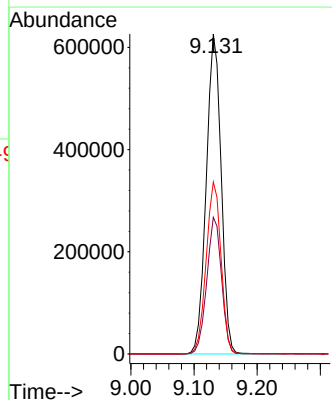
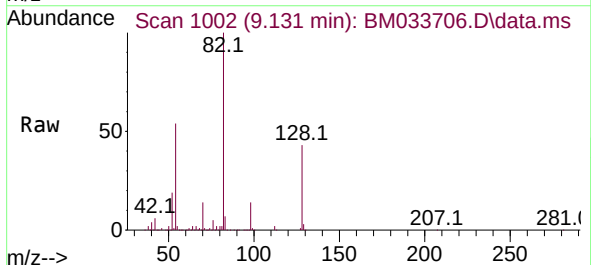
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-01

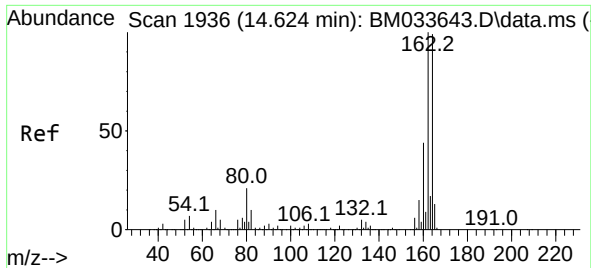
Tgt Ion:136 Resp: 718902
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 8.3 12.5#
68 5.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 65.850 ng
RT: 9.131 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

Tgt Ion: 82 Resp: 1025055
Ion Ratio Lower Upper
82 100
128 42.7 28.1 42.1#
54 53.8 46.1 69.1

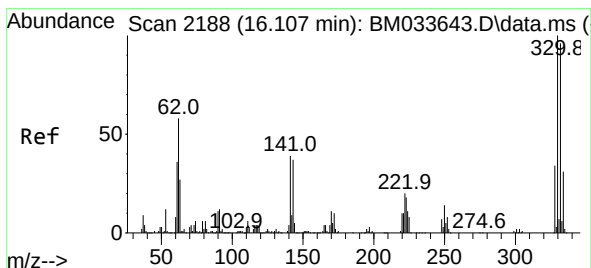
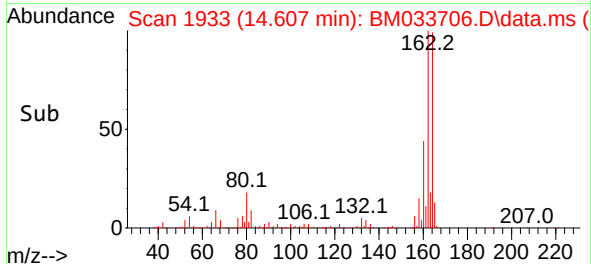
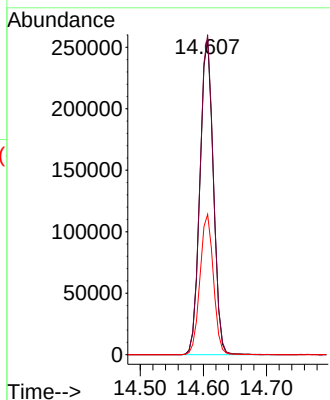
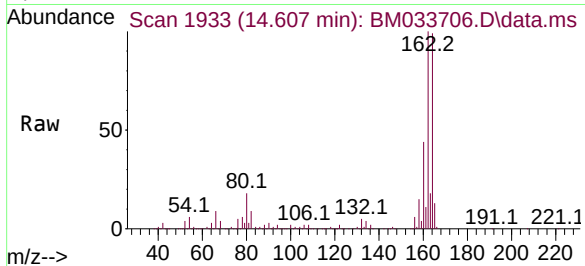




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.607 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

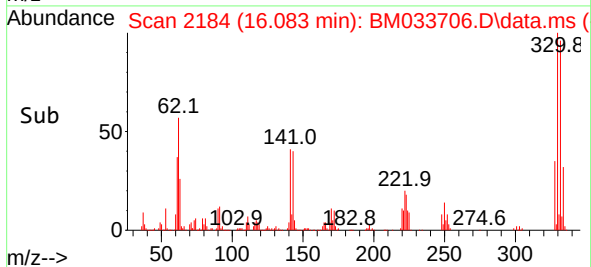
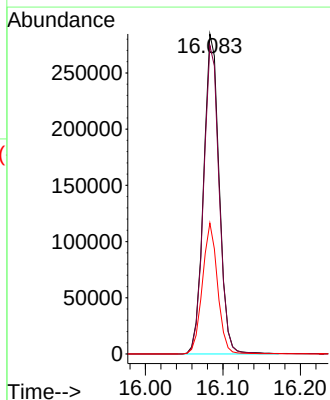
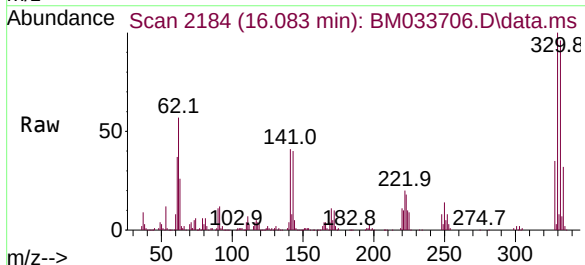
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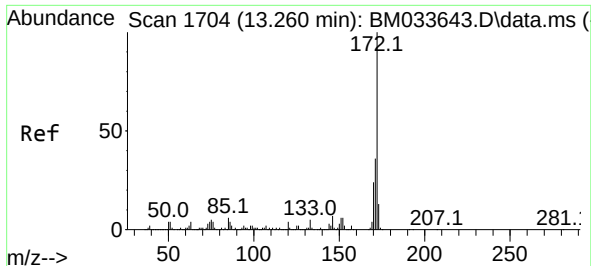
Tgt Ion:164 Resp: 377834
Ion Ratio Lower Upper
164 100
162 101.2 79.7 119.5
160 44.4 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 100.639 ng
RT: 16.083 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

Tgt Ion:330 Resp: 397157
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 39.8 35.9 53.9

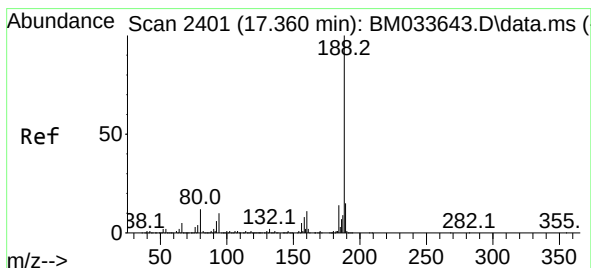
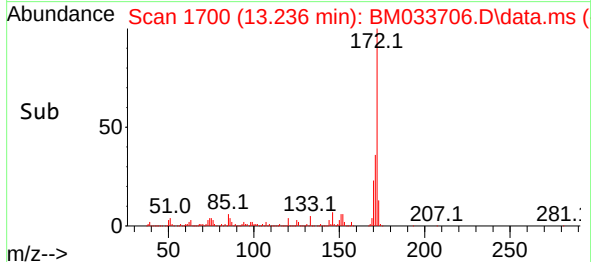
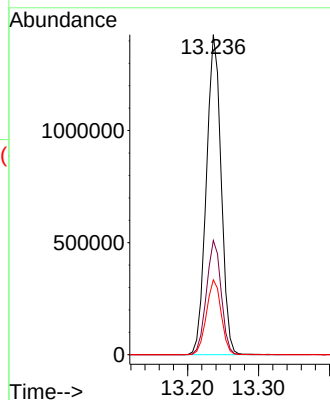
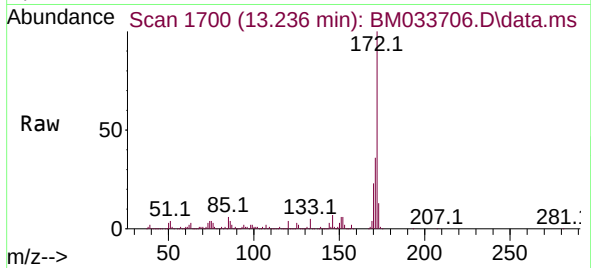




#45
2-Fluorobiphenyl
Concen: 71.735 ng
RT: 13.236 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

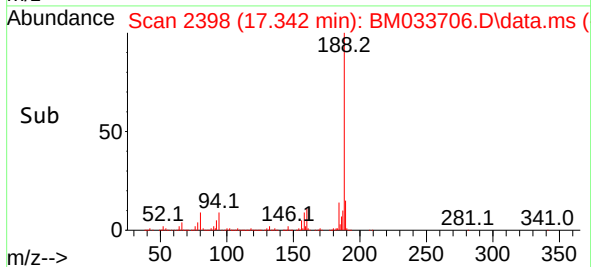
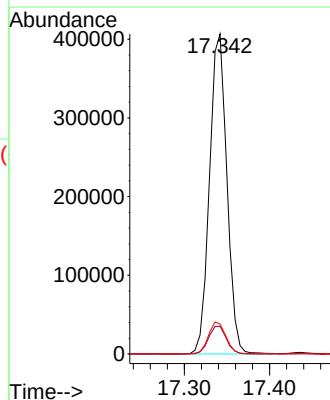
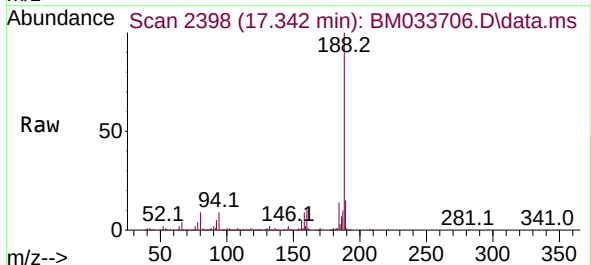
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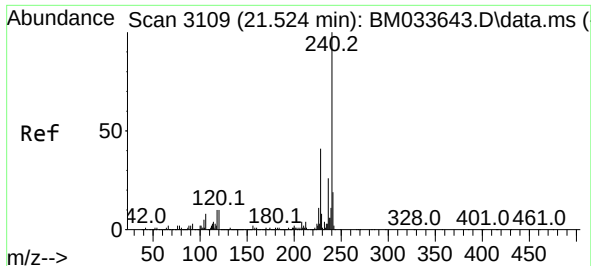
Tgt Ion:172 Resp: 2069334
Ion Ratio Lower Upper
172 100
171 35.7 27.2 40.8
170 23.4 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

Tgt Ion:188 Resp: 577390
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.4 8.9 13.3

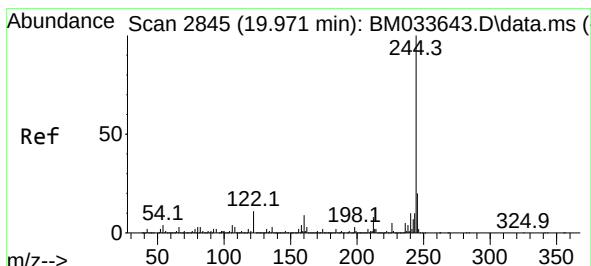
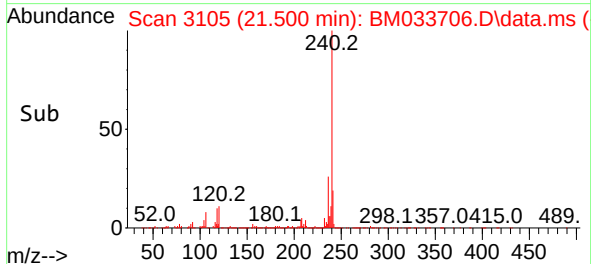
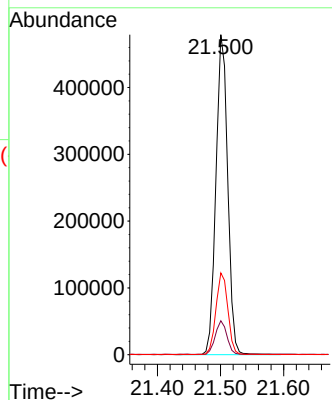
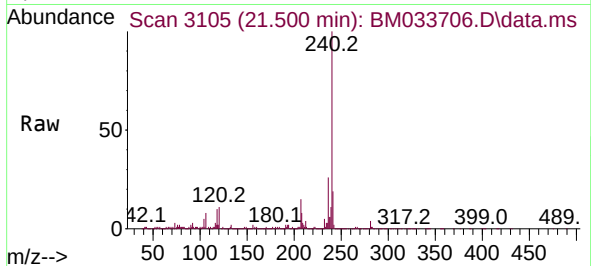




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

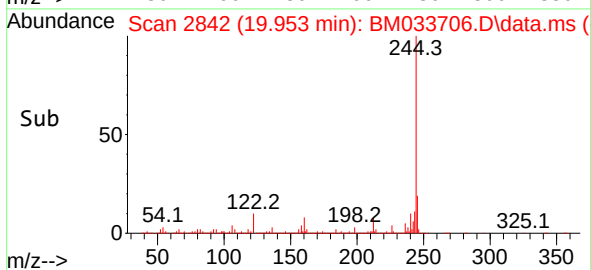
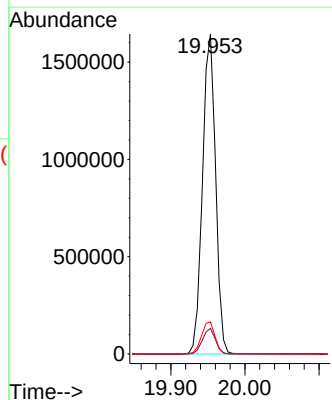
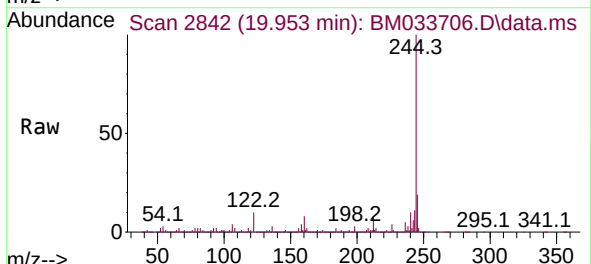
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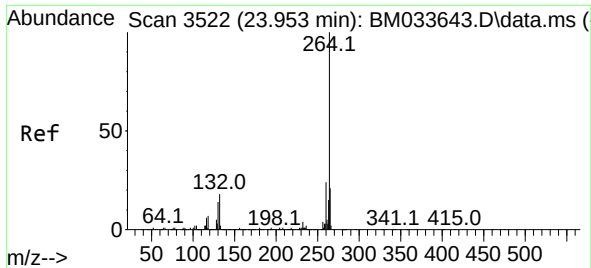
Tgt Ion:240 Resp: 619665
Ion Ratio Lower Upper
240 100
120 10.6 7.8 11.6
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 58.544 ng
RT: 19.953 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

Tgt Ion:244 Resp: 2015425
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 10.0 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.918 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM033706.D
Acq: 12 Jan 2022 19:34

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:264 Resp: 675685

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.7	26.5
265	22.3	17.7	26.5

