

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011222\
 Data File : BM033703.D
 Acq On : 12 Jan 2022 17:47
 Operator : CG/JU
 Sample : N1099-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-06

Quant Time: Jan 13 07:51:29 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	7.972	152	161416	20.000	ng	0.00
21) Naphthalene-d8	10.783	136	669068	20.000	ng	0.00
39) Acenaphthene-d10	14.607	164	369022	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	573637	20.000	ng	0.00
76) Chrysene-d12	21.506	240	618255	20.000	ng	0.00
86) Perylene-d12	23.924	264	677498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1282830	125.341	ng	0.00
7) Phenol-d6	7.125	99	1637432	118.706	ng	0.00
23) Nitrobenzene-d5	9.131	82	1094193	75.527	ng	0.00
42) 2,4,6-Tribromophenol	16.089	330	437727	113.568	ng	0.00
45) 2-Fluorobiphenyl	13.236	172	2132726	75.698	ng	0.00
79) Terphenyl-d14	19.953	244	2064970	60.120	ng	0.00

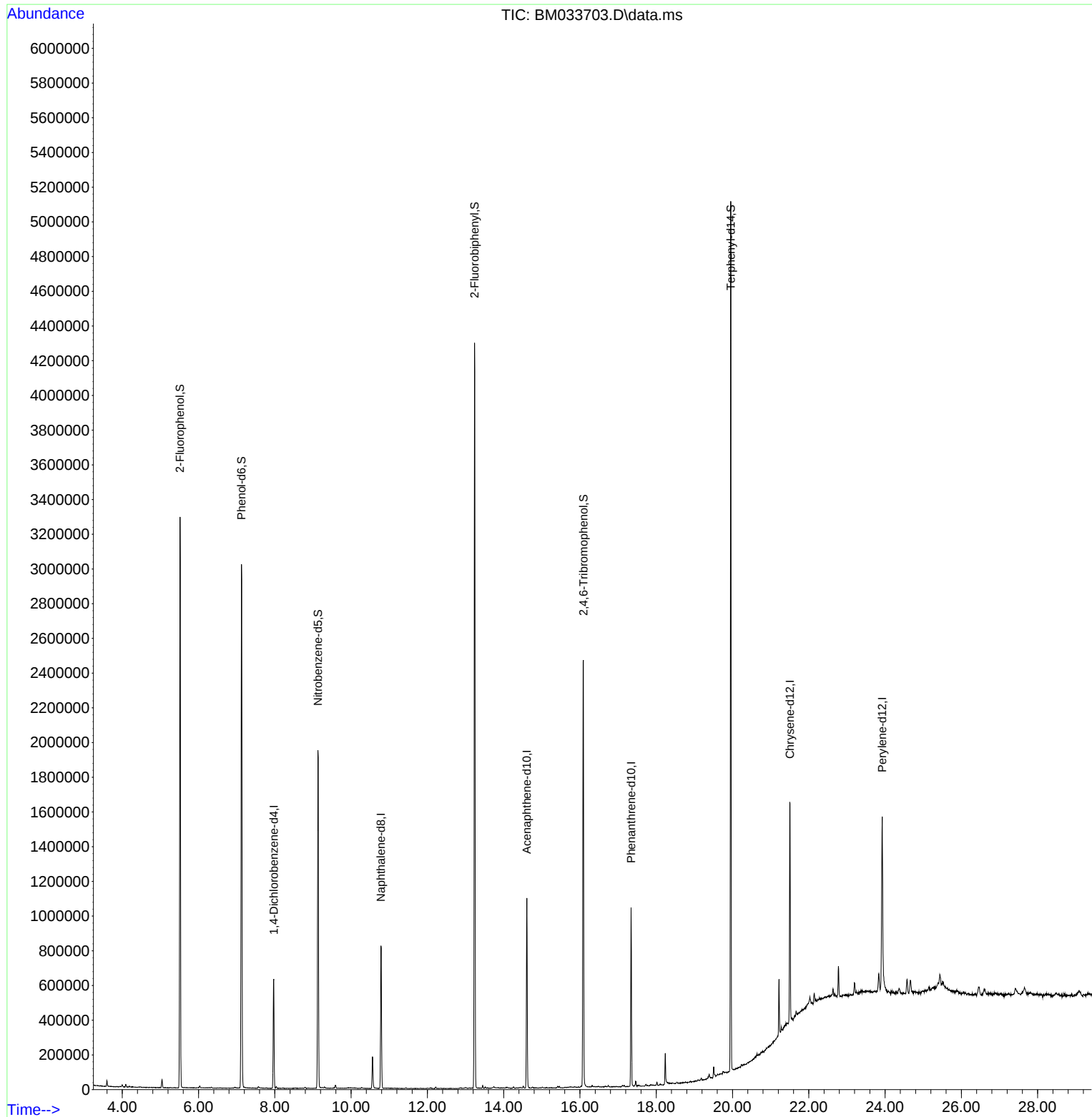
Target Compounds	Qvalue

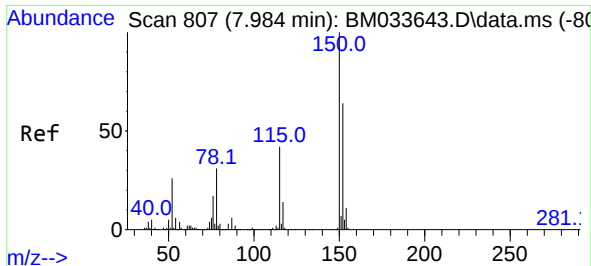
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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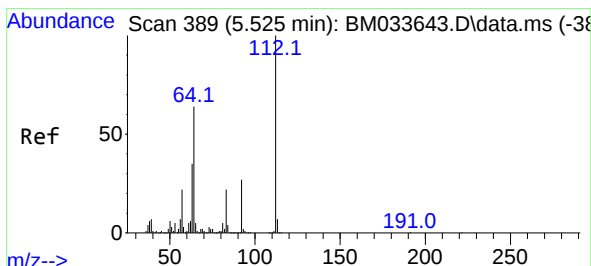
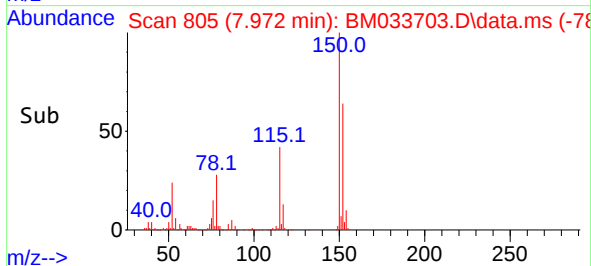
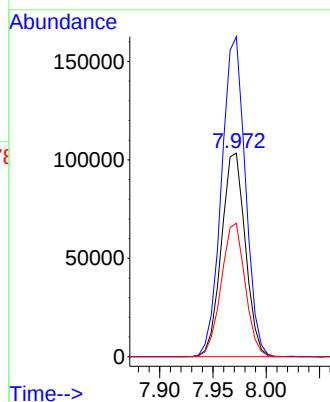
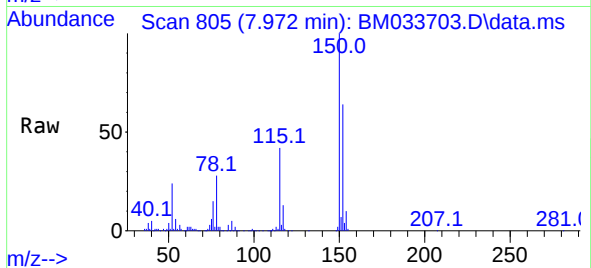




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.972 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM033703.D
Acq: 12 Jan 2022 17:47

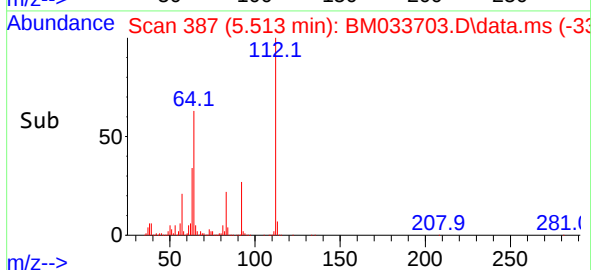
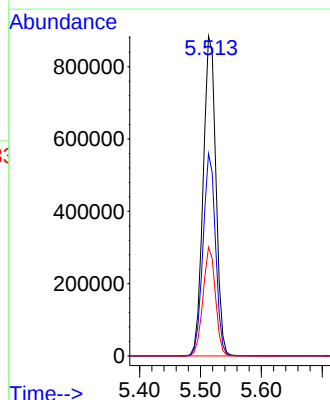
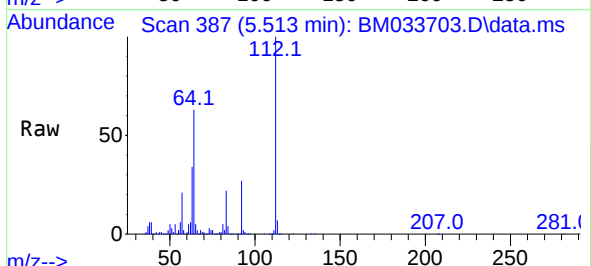
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-06

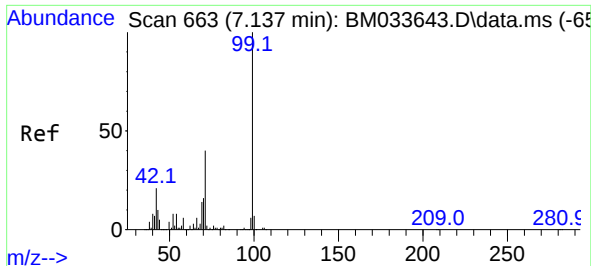
Tgt Ion:152 Resp: 161416
Ion Ratio Lower Upper
152 100
150 157.3 128.9 193.3
115 65.6 53.0 79.6



#5
2-Fluorophenol
Concen: 125.341 ng
RT: 5.513 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM033703.D
Acq: 12 Jan 2022 17:47

Tgt Ion:112 Resp: 1282830
Ion Ratio Lower Upper
112 100
64 63.3 55.5 83.3
63 34.0 31.3 46.9

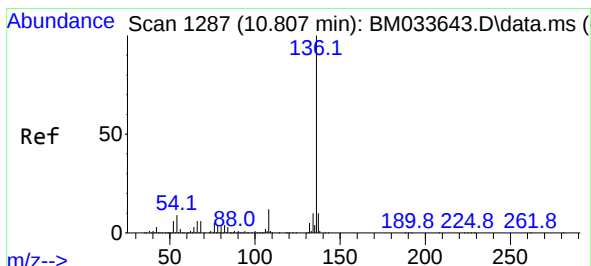
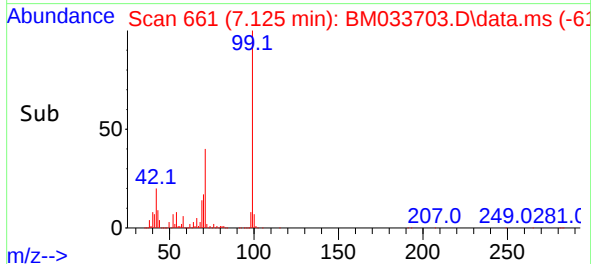
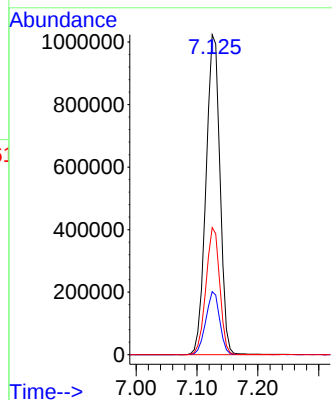
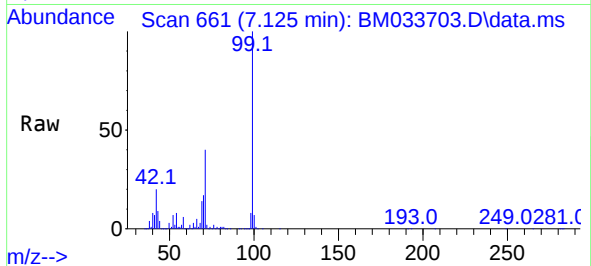




#7
Phenol-d6
Concen: 118.706 ng
RT: 7.125 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM033703.D
Acq: 12 Jan 2022 17:47

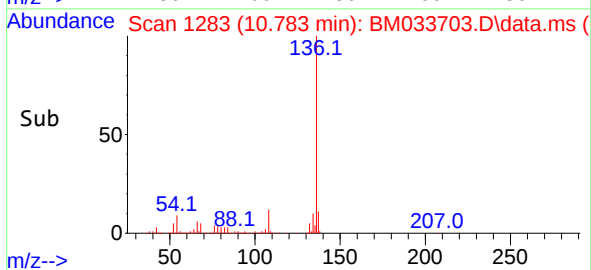
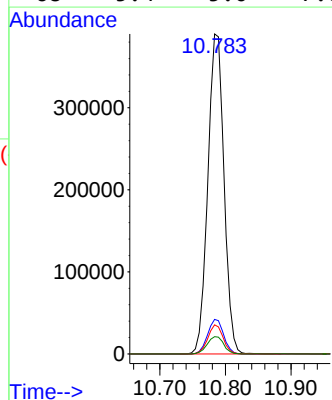
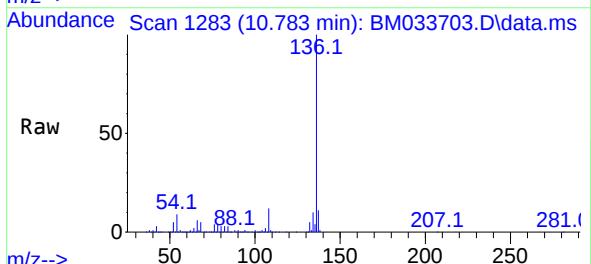
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-06

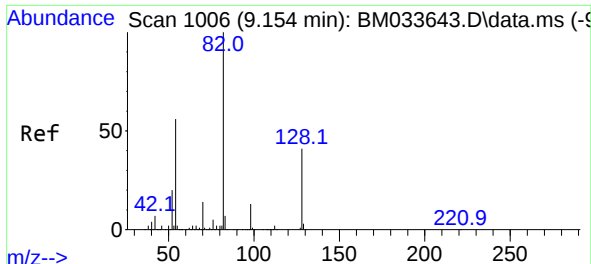
Tgt Ion: 99 Resp: 1637432
Ion Ratio Lower Upper
99 100
42 19.7 20.3 30.5#
71 39.7 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.783 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM033703.D
Acq: 12 Jan 2022 17:47

Tgt Ion:136 Resp: 669068
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 8.3 12.5
68 5.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 75.527 ng

RT: 9.131 min Scan# 1094

Delta R.T. -0.006 min

Lab File: BM033703.D

Acq: 12 Jan 2022 17:47

Instrument :

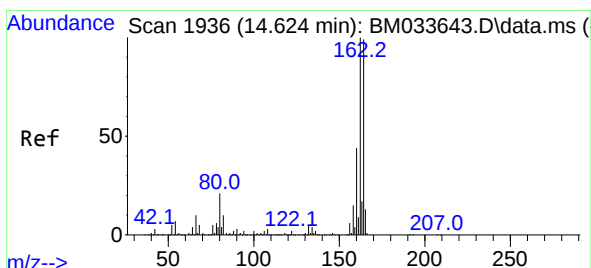
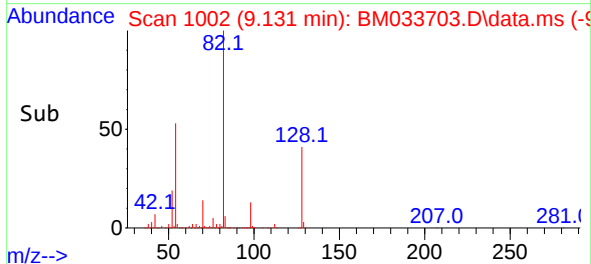
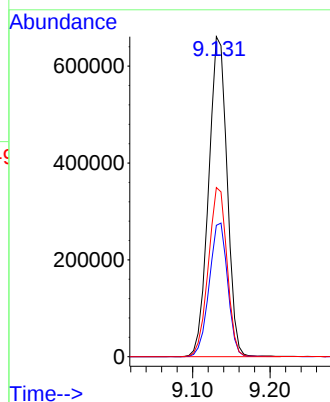
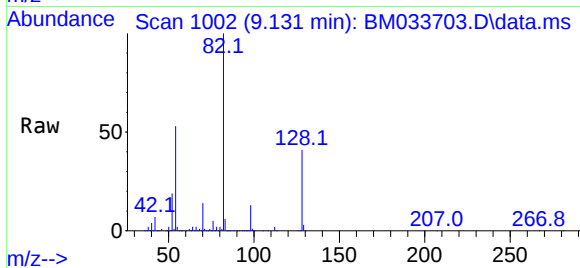
BNA_M

ClientSampleId :

VACLOT-BACKFILL-TILCON-06

Tgt Ion: 82 Resp: 1094193

Ion	Ratio	Lower	Upper
82	100		
128	41.1	28.1	42.1
54	52.9	46.1	69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.607 min Scan# 1933

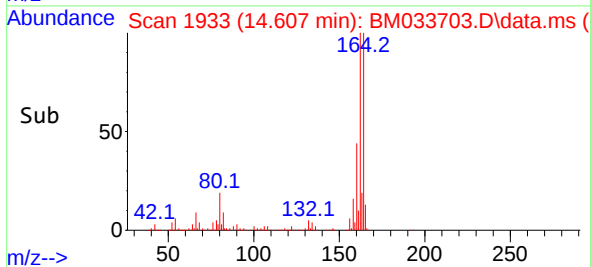
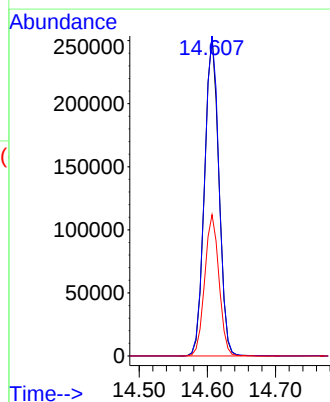
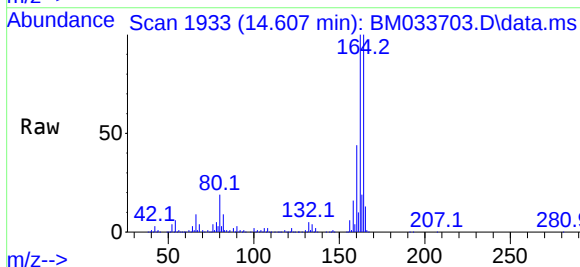
Delta R.T. 0.000 min

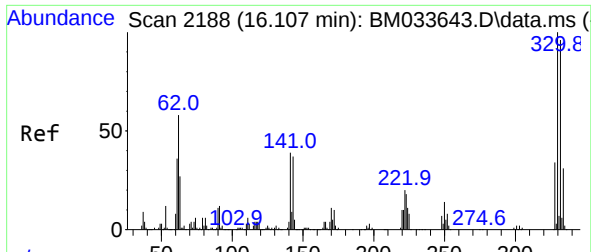
Lab File: BM033703.D

Acq: 12 Jan 2022 17:47

Tgt Ion:164 Resp: 369022

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.7	119.5
160	44.2	34.2	51.4

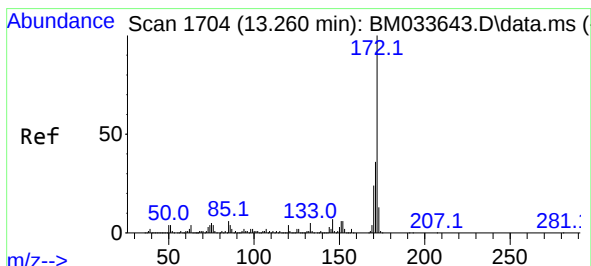
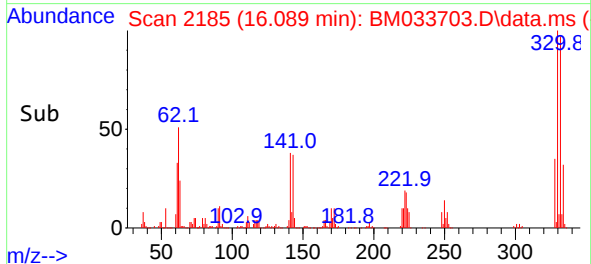
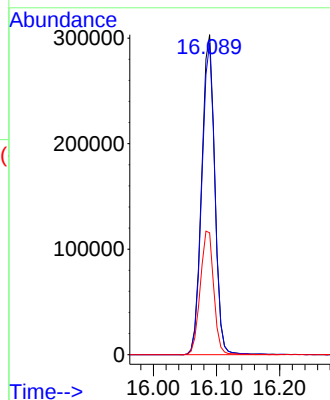
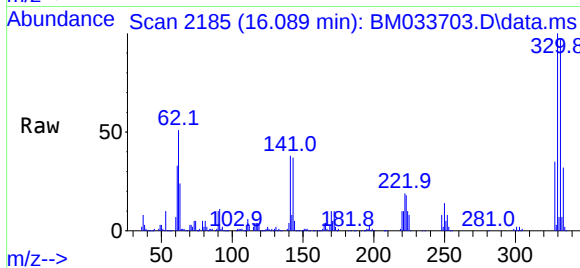




#42
2,4,6-Tribromophenol
Concen: 113.568 ng
RT: 16.089 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033703.D
Acq: 12 Jan 2022 17:47

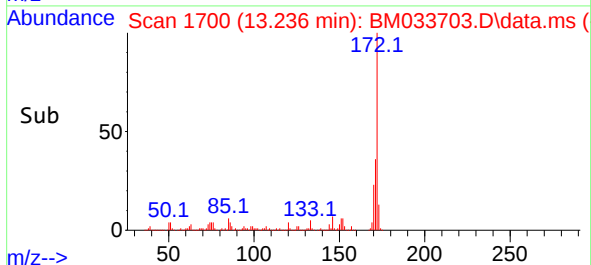
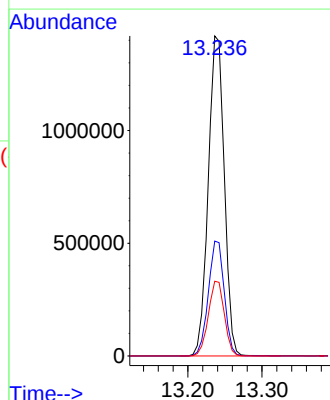
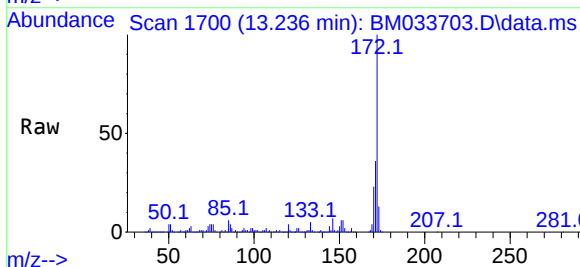
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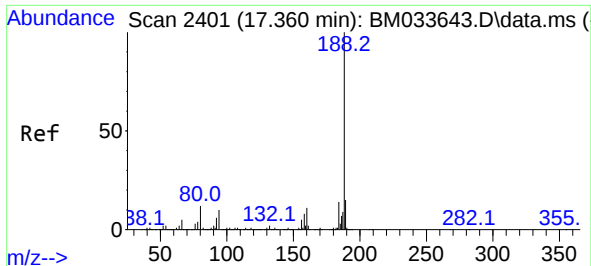
Tgt Ion:330 Resp: 437727
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 39.6 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 75.698 ng
RT: 13.236 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM033703.D
Acq: 12 Jan 2022 17:47

Tgt Ion:172 Resp: 2132726
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 23.3 18.7 28.1

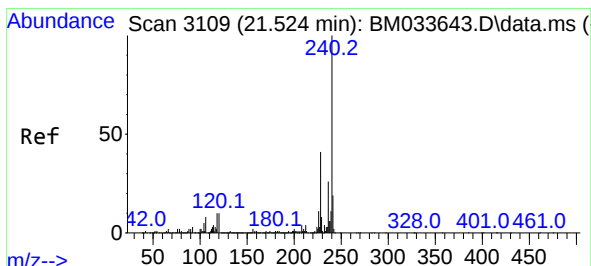
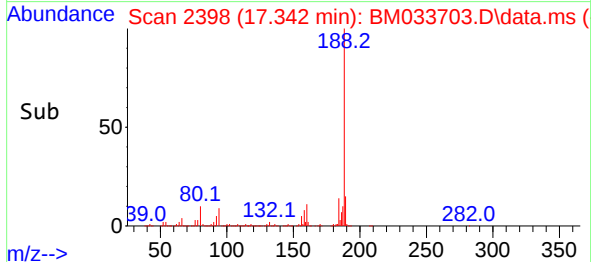
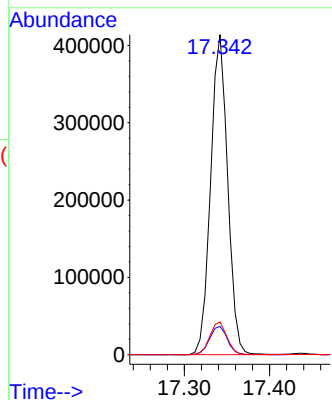
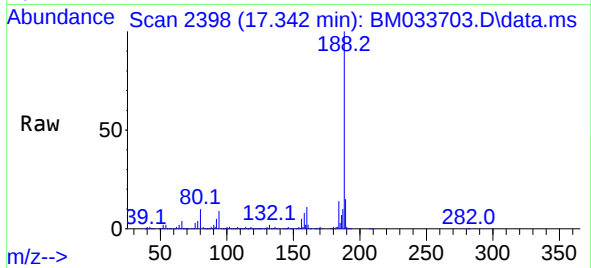




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033703.D
Acq: 12 Jan 2022 17:47

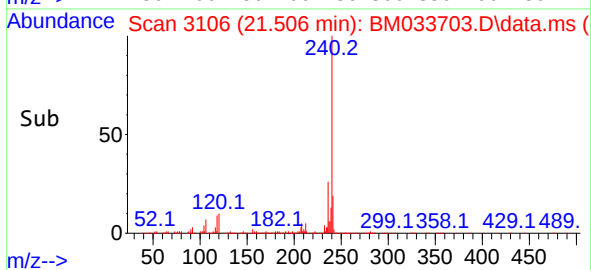
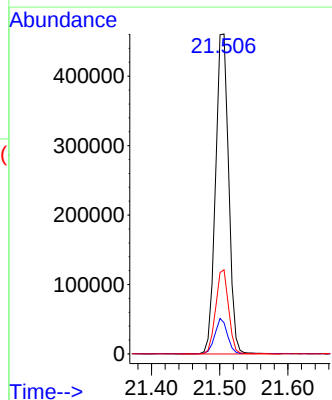
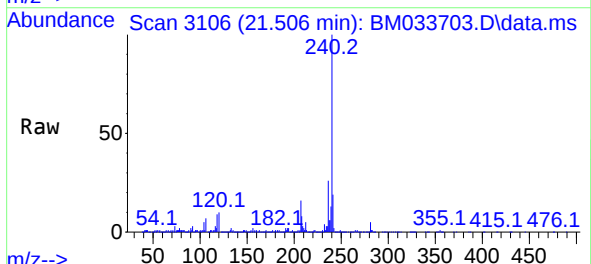
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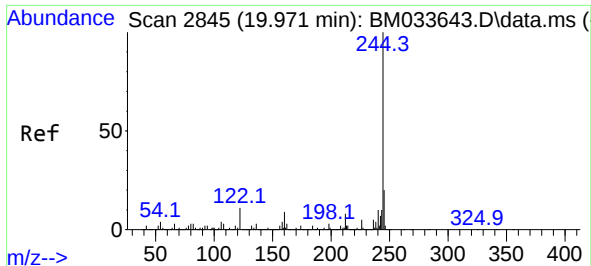
Tgt Ion:188 Resp: 573637
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 10.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM033703.D
Acq: 12 Jan 2022 17:47

Tgt Ion:240 Resp: 618255
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 26.3 20.3 30.5

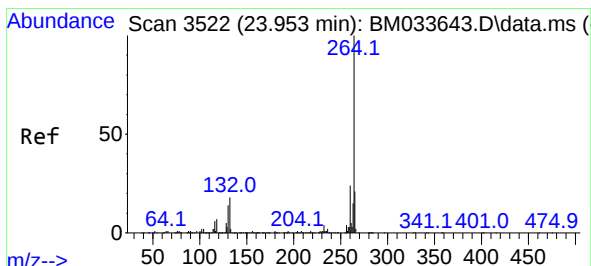
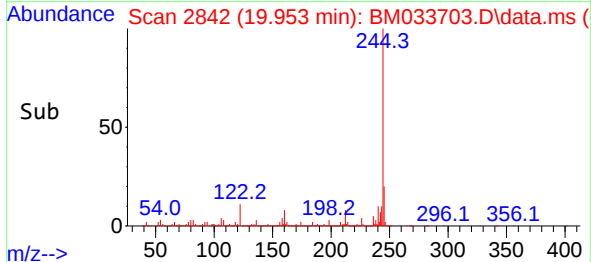
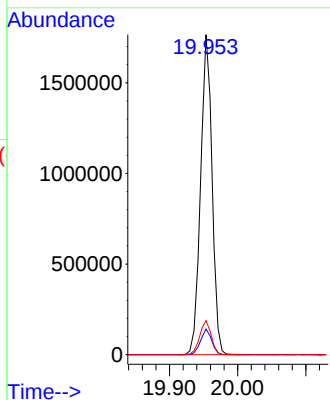
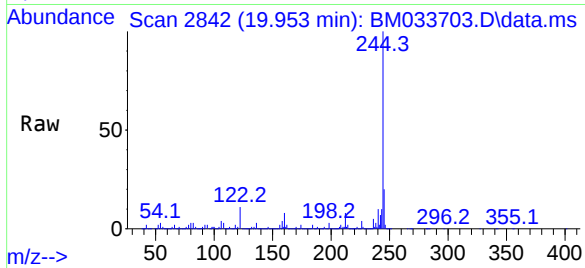




#79
Terphenyl-d14
Concen: 60.120 ng
RT: 19.953 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033703.D
Acq: 12 Jan 2022 17:47

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:244 Resp: 2064970
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 10.6 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.924 min Scan# 3517
Delta R.T. -0.006 min
Lab File: BM033703.D
Acq: 12 Jan 2022 17:47

Tgt Ion:264 Resp: 677498
Ion Ratio Lower Upper
264 100
260 23.2 17.7 26.5
265 21.7 17.7 26.5

