

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041921\
 Data File : BM029552.D
 Acq On : 19 Apr 2021 22:12
 Operator : CG/JU
 Sample : M2074-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNPH2-B-9

Quant Time: Apr 20 04:17:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:56:50 2021
 Response via : Initial Calibration

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

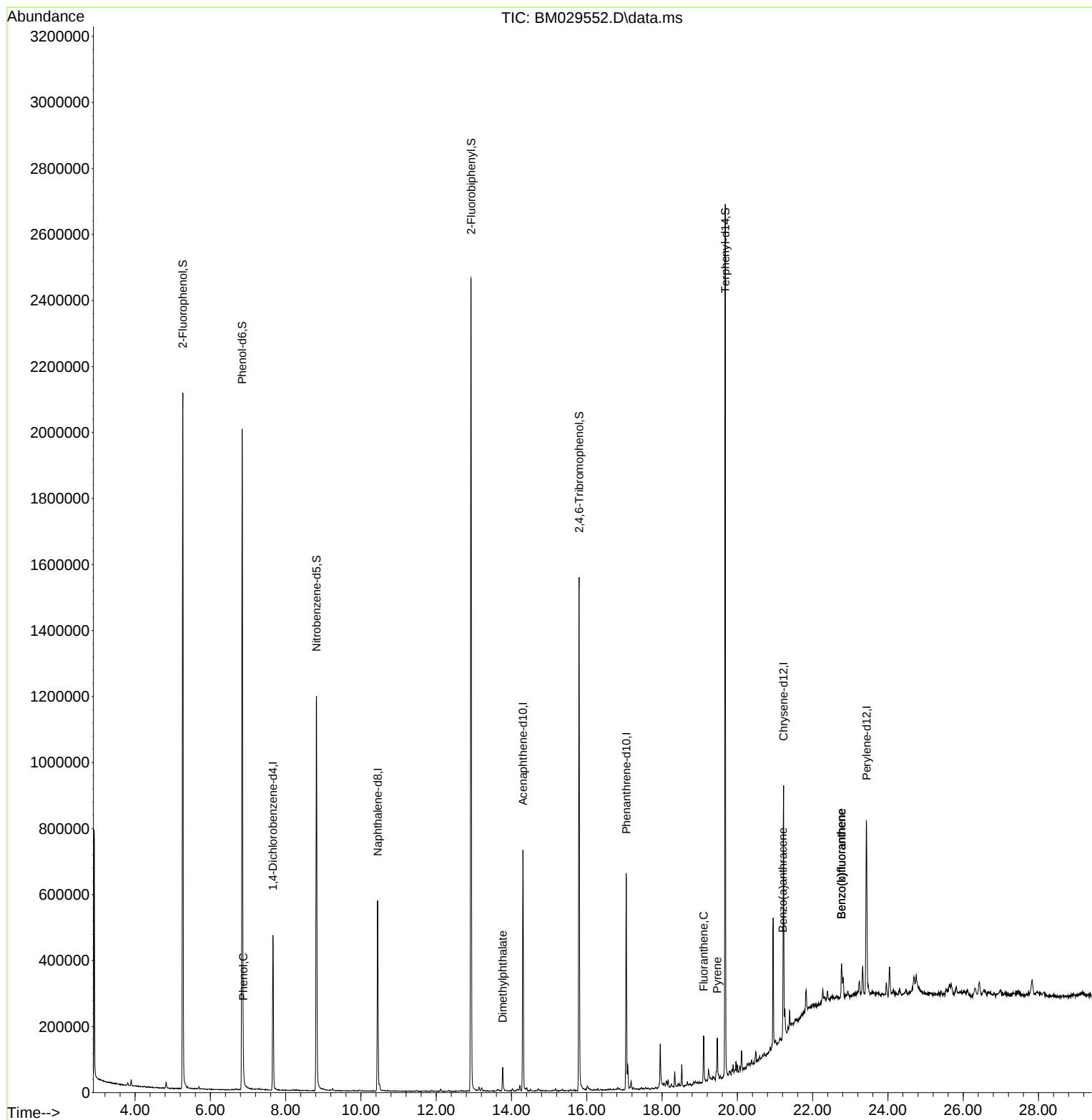
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	110094	20.00	ng	-0.01
21) Naphthalene-d8	10.445	136	426612	20.00	ng	-0.01
39) Acenaphthene-d10	14.304	164	214073	20.00	ng	-0.01
64) Phenanthrene-d10	17.051	188	350203	20.00	ng	0.00
76) Chrysene-d12	21.227	240	293438	20.00	ng	0.00
86) Perylene-d12	23.432	264	324792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	754185	113.11	ng	0.00
7) Phenol-d6	6.845	99	960085	101.99	ng	0.00
23) Nitrobenzene-d5	8.822	82	693261	74.50	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	203138	94.94	ng	0.00
45) 2-Fluorobiphenyl	12.927	172	1156282	75.25	ng	0.00
79) Terphenyl-d14	19.680	244	991592	64.18	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.875	94	24865	2.69	ng	85
50) Dimethylphthalate	13.768	163	42332	2.74	ng	98
75) Fluoranthene	19.103	202	72608	3.22	ng	100
78) Pyrene	19.468	202	63868	3.13	ng	96
81) Benzo(a)anthracene	21.209	228	39325	2.01	ng	98
88) Benzo(b)fluoranthene	22.768	252	68431	3.21	ng	# 93
89) Benzo(k)fluoranthene	22.768	252	68431	3.36	ng	# 93

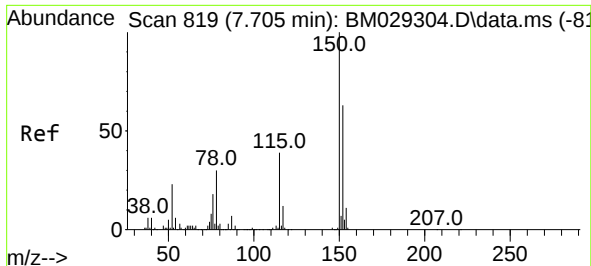
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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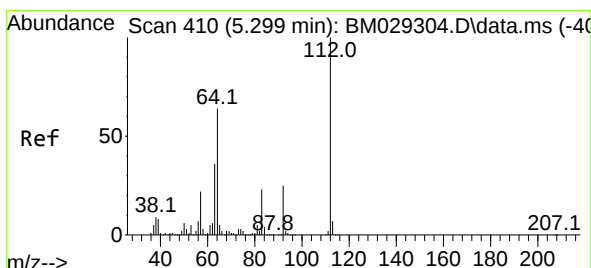
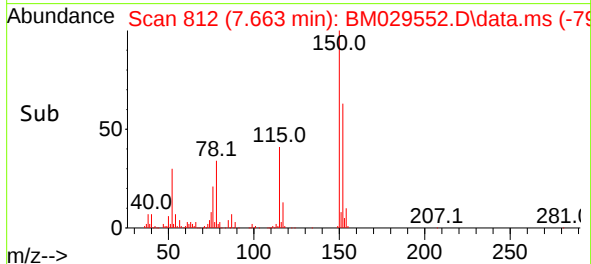
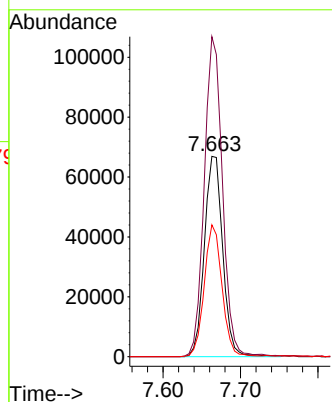
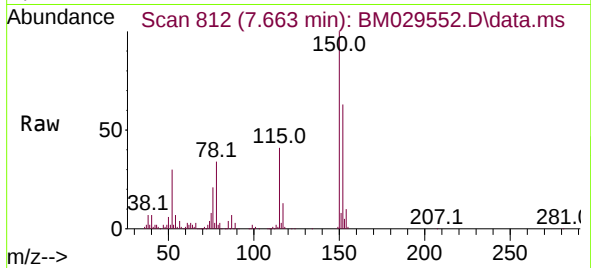




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 812
Delta R.T. -0.012 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

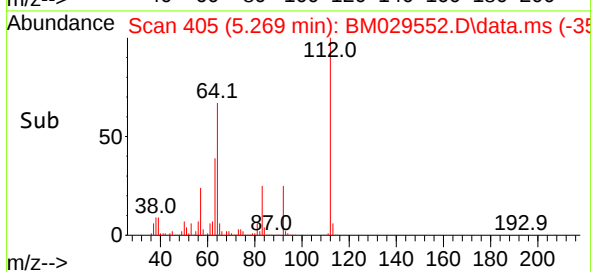
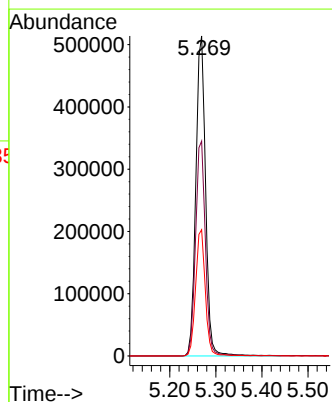
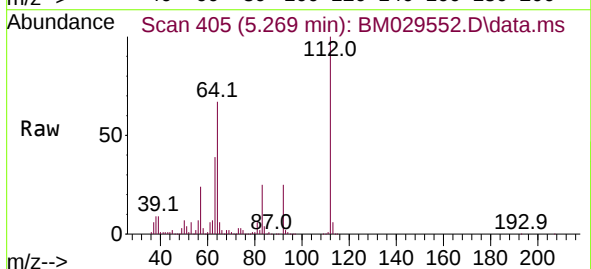
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-9

Tgt Ion:152 Resp: 110094
Ion Ratio Lower Upper
152 100
150 159.7 124.3 186.5
115 65.8 46.4 69.6



#5
2-Fluorophenol
Concen: 113.11 ng
RT: 5.269 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

Tgt Ion:112 Resp: 754185
Ion Ratio Lower Upper
112 100
64 67.1 51.6 77.4
63 39.4 29.0 43.4

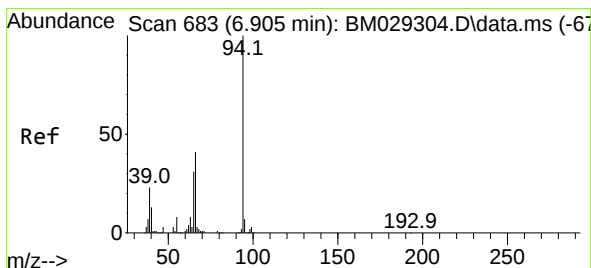
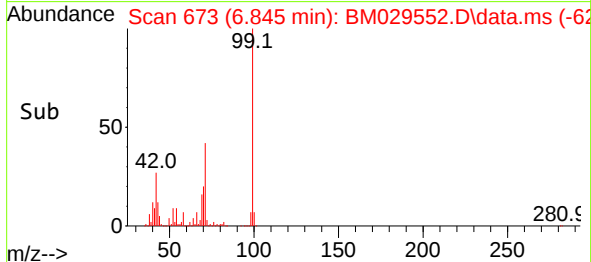
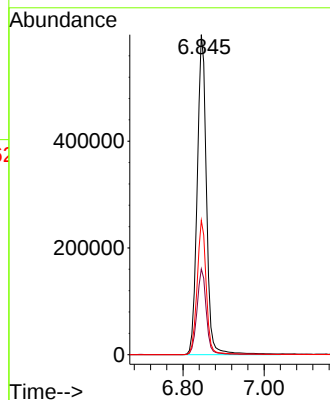
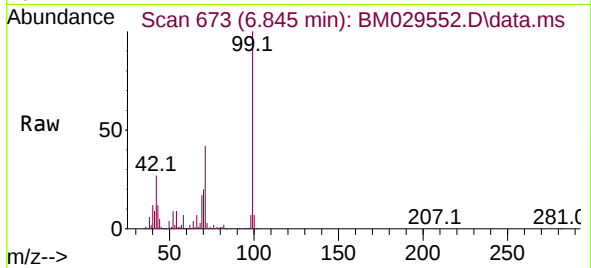




#7
Phenol-d6
Concen: 101.99 ng
RT: 6.845 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

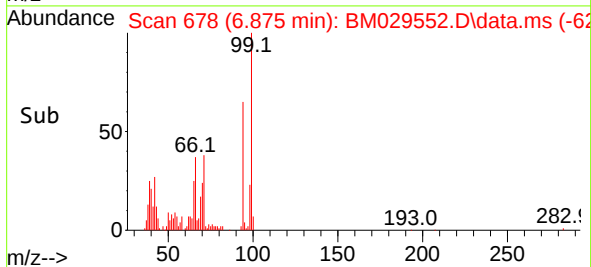
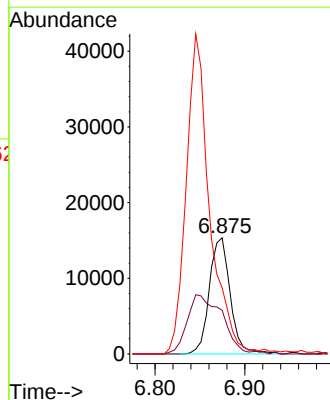
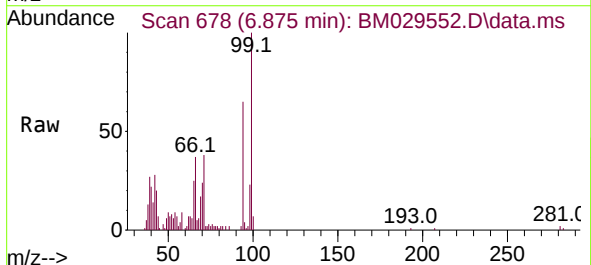
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-9

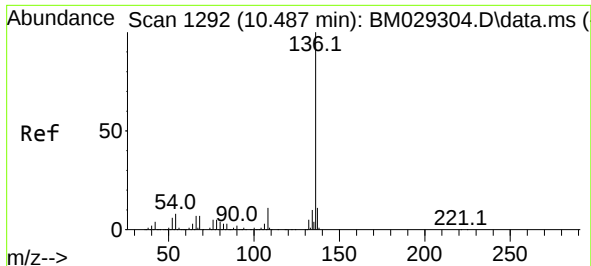
Tgt Ion: 99 Resp: 960085
Ion Ratio Lower Upper
99 100
42 26.8 18.5 27.7
71 41.9 31.8 47.6



#10
Phenol
Concen: 2.69 ng
RT: 6.875 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

Tgt Ion: 94 Resp: 24865
Ion Ratio Lower Upper
94 100
65 37.6 13.0 53.0
66 57.0 24.1 64.1

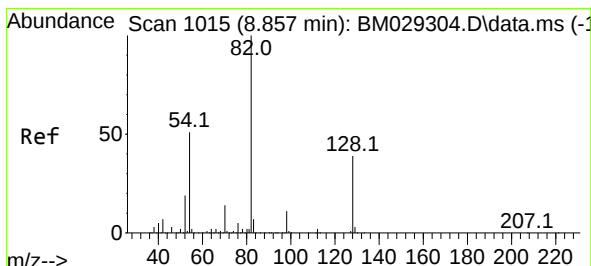
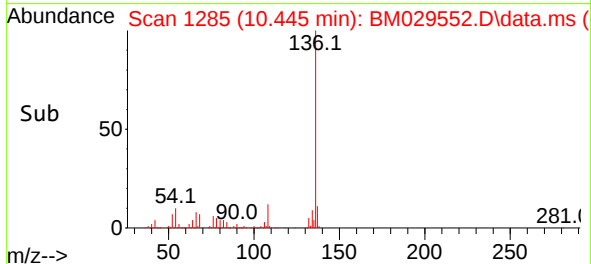
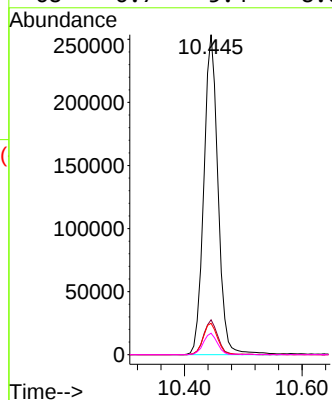
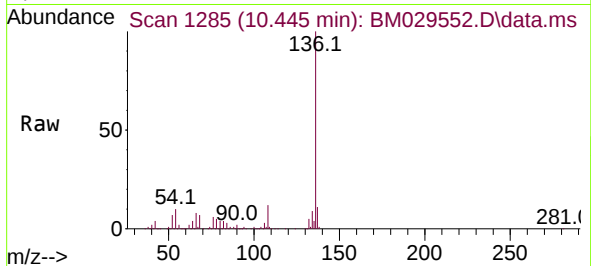




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.445 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

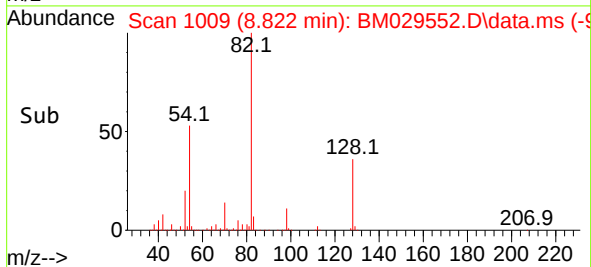
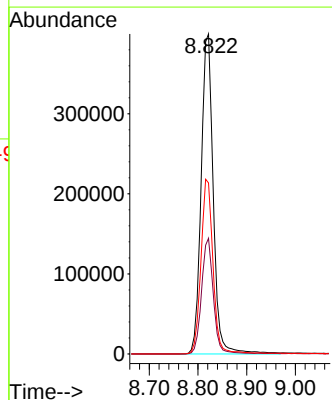
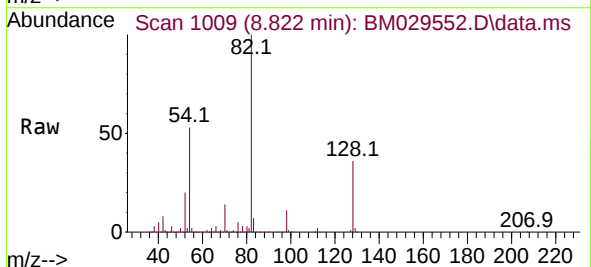
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-9

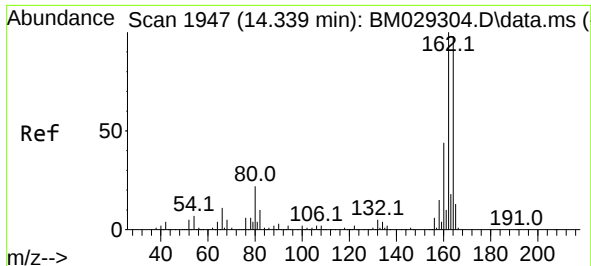
Tgt Ion:	136	Resp:	426612
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	9.8	6.9	10.3
68	6.7	5.4	8.0



#23
Nitrobenzene-d5
Concen: 74.50 ng
RT: 8.822 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

Tgt Ion:	82	Resp:	693261
Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.6	42.8
54	53.5	40.7	61.1

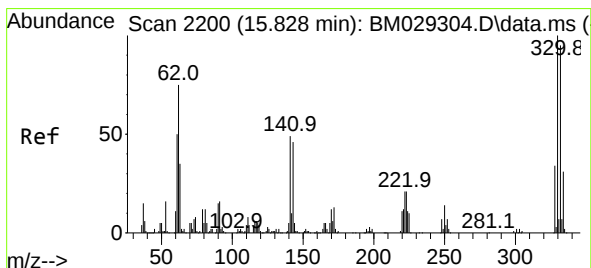
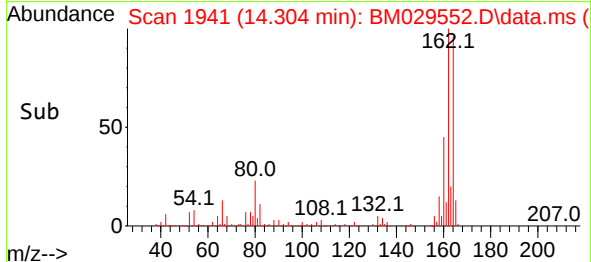
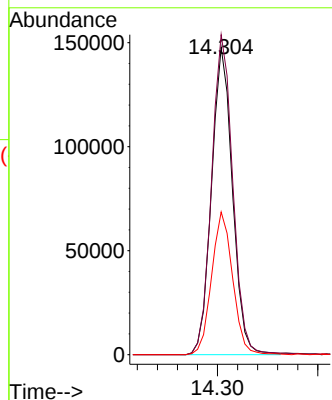
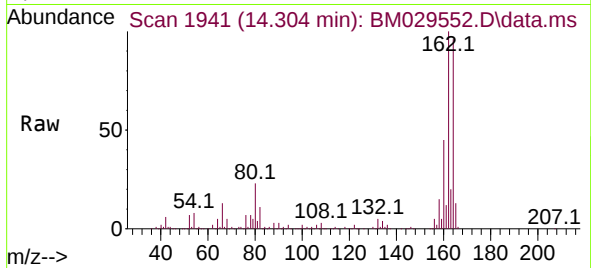




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

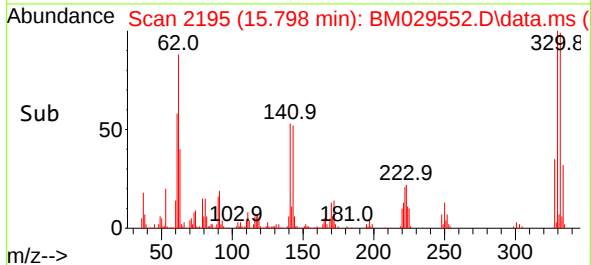
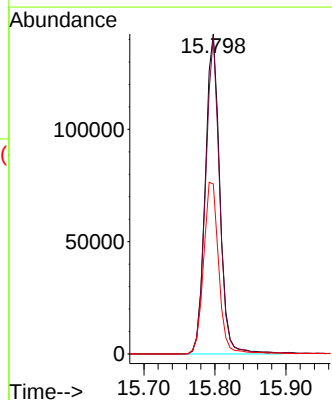
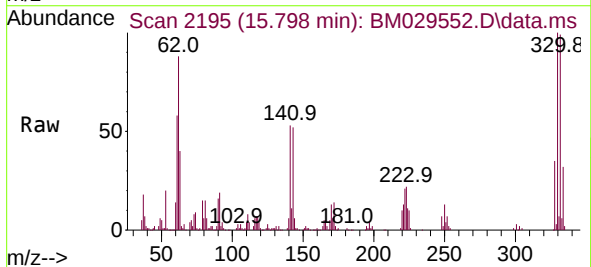
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-9

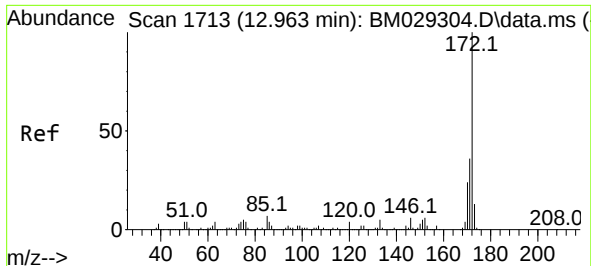
Tgt Ion:164 Resp: 214073
Ion Ratio Lower Upper
164 100
162 104.1 84.4 126.6
160 46.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 94.94 ng
RT: 15.798 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

Tgt Ion:330 Resp: 203138
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 56.2 39.2 58.8

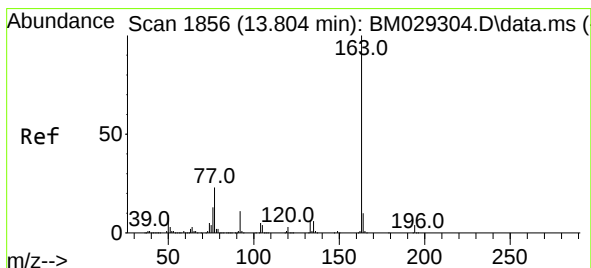
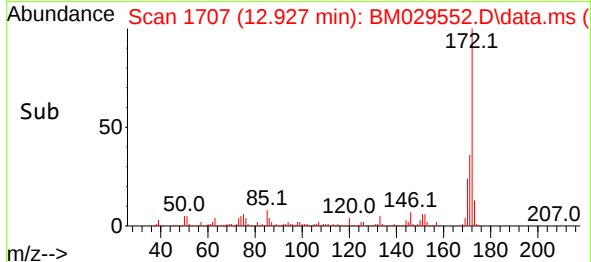
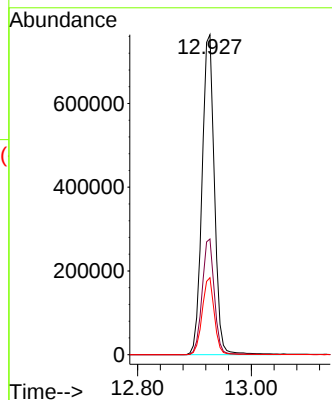
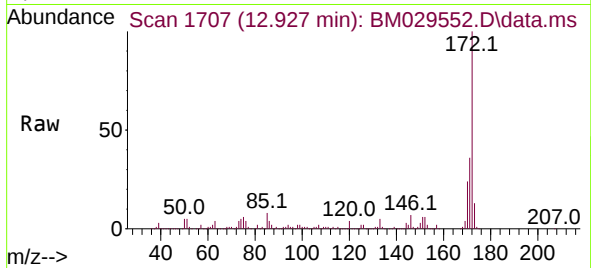




#45
2-Fluorobiphenyl
Concen: 75.25 ng
RT: 12.927 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

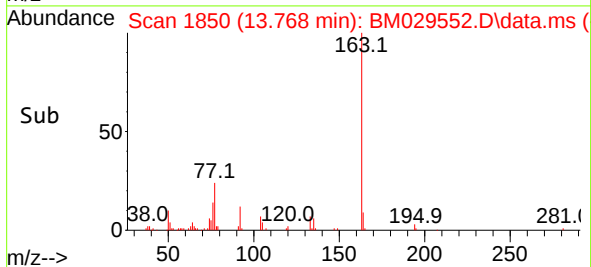
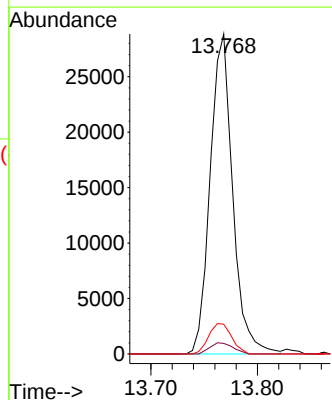
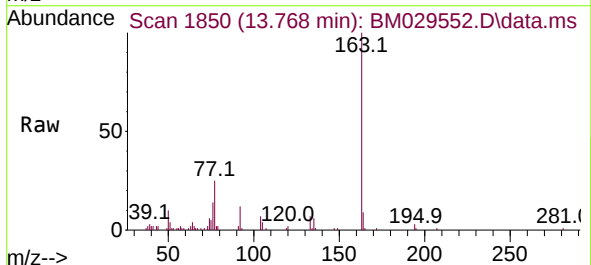
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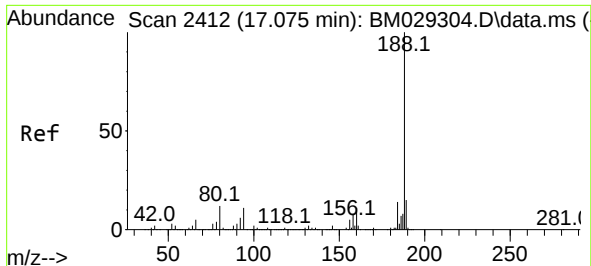
Tgt Ion:172 Resp: 1156282
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.0 18.8 28.2



#50
Dimethylphthalate
Concen: 2.74 ng
RT: 13.768 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

Tgt Ion:163 Resp: 42332
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 9.3 7.9 11.9

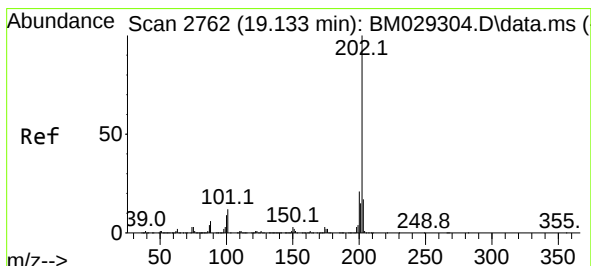
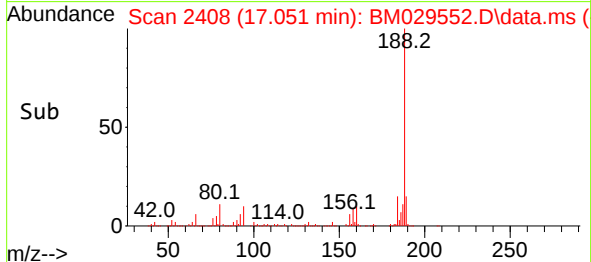
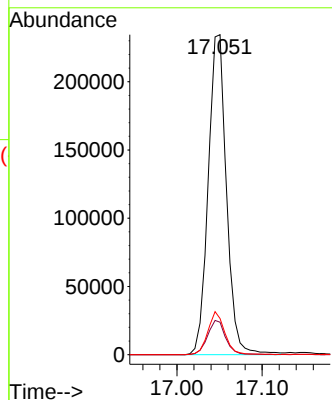
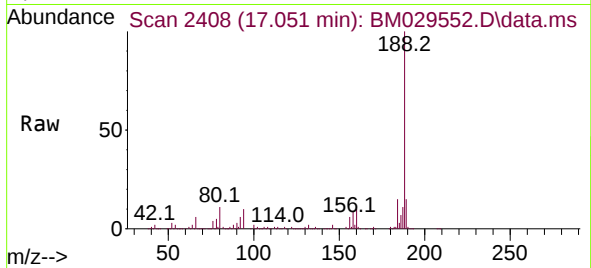




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.051 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

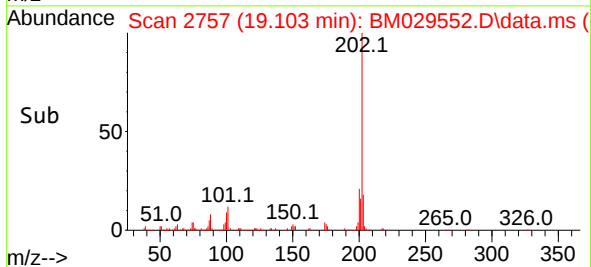
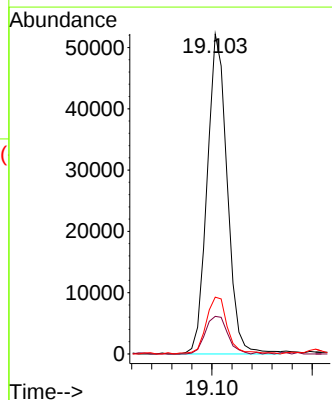
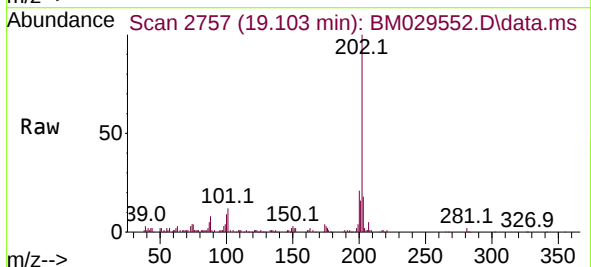
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VNPH2-B-9

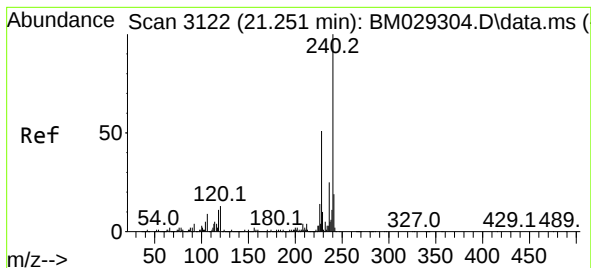
Tgt Ion:188 Resp: 350203
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.3 9.2 13.8



#75
Fluoranthene
Concen: 3.22 ng
RT: 19.103 min Scan# 2757
Delta R.T. -0.012 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

Tgt Ion:202 Resp: 72608
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.5
203 17.7 0.0 37.7





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.227 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM029552.D

Acq: 19 Apr 2021 22:12

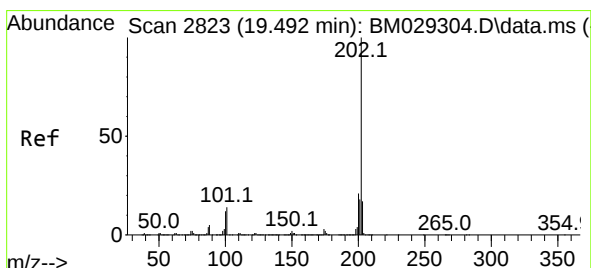
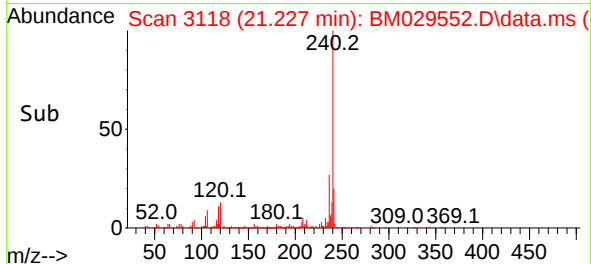
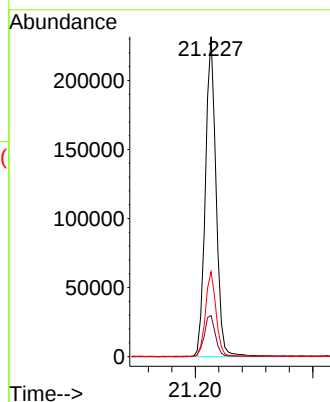
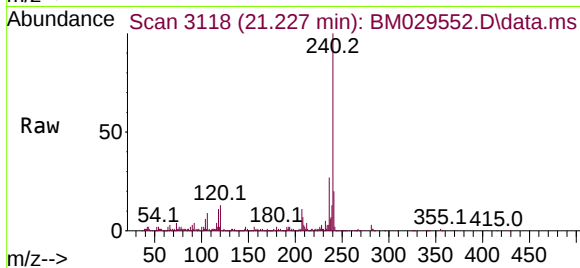
Tgt Ion:240 Resp: 293438

Ion Ratio Lower Upper

240 100

120 12.9 9.0 13.6

236 26.6 20.3 30.5



#78

Pyrene

Concen: 3.13 ng

RT: 19.468 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BM029552.D

Acq: 19 Apr 2021 22:12

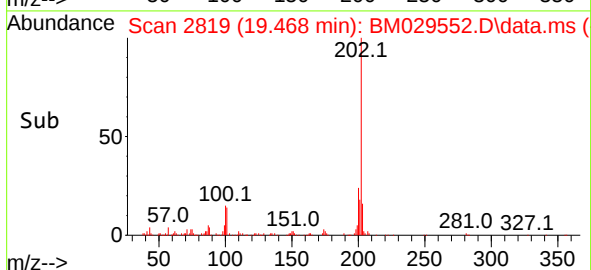
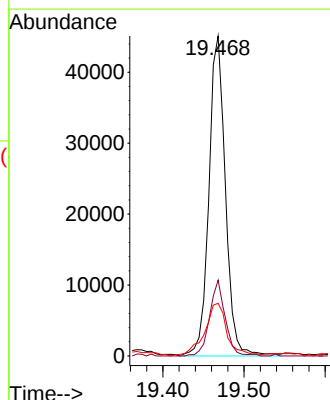
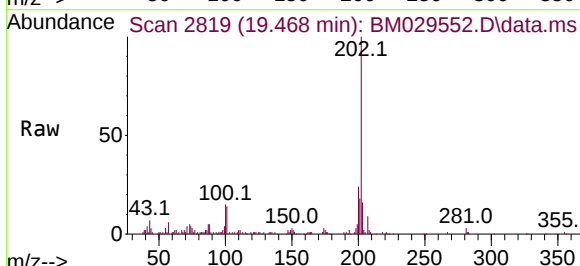
Tgt Ion:202 Resp: 63868

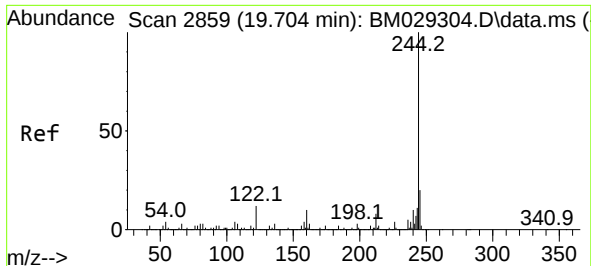
Ion Ratio Lower Upper

202 100

200 23.7 17.0 25.6

203 16.4 14.1 21.1

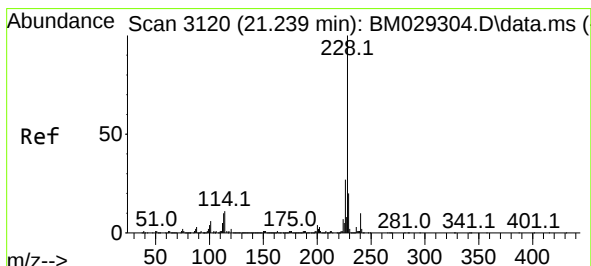
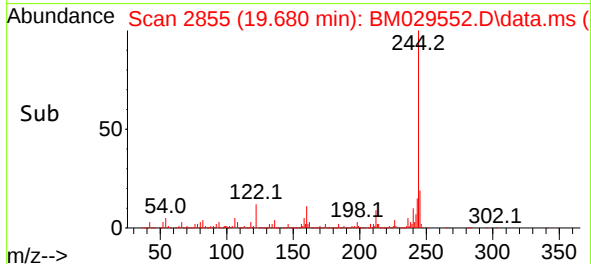
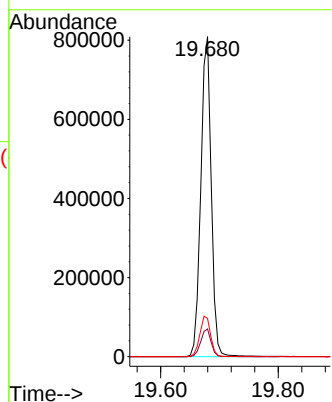
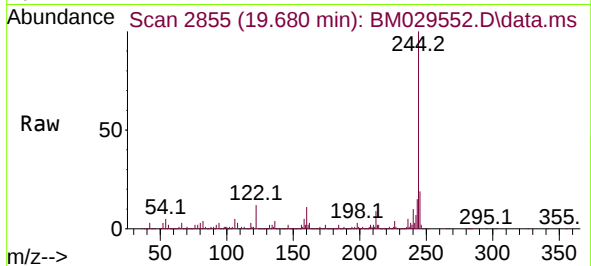




#79
Terphenyl-d14
Concen: 64.18 ng
RT: 19.680 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

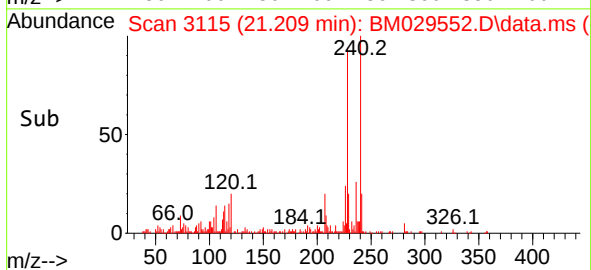
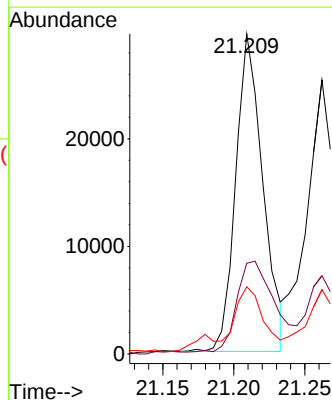
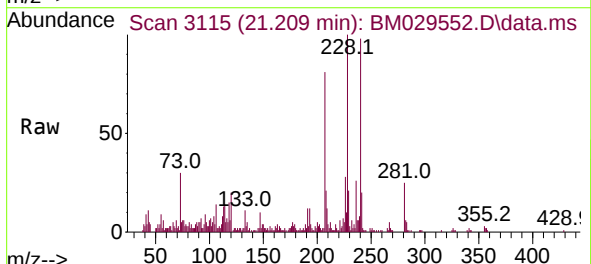
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-9

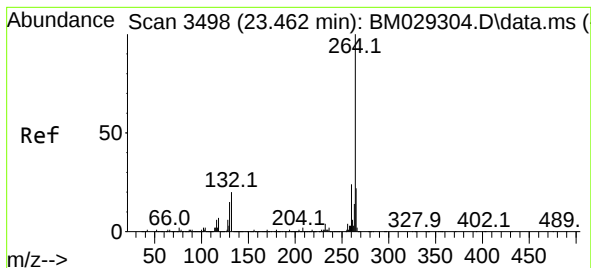
Tgt Ion:244 Resp: 991592
Ion Ratio Lower Upper
244 100
212 8.7 6.5 9.7
122 12.0 9.2 13.8



#81
Benzo(a)anthracene
Concen: 2.01 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

Tgt Ion:228 Resp: 39325
Ion Ratio Lower Upper
228 100
226 28.4 21.9 32.9
229 21.0 15.7 23.5

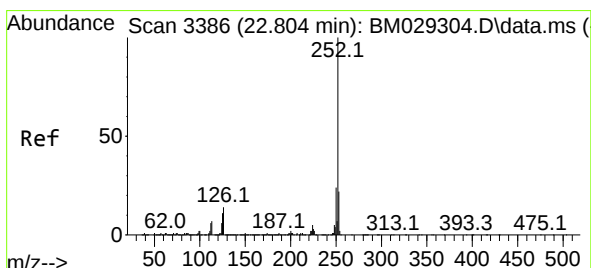
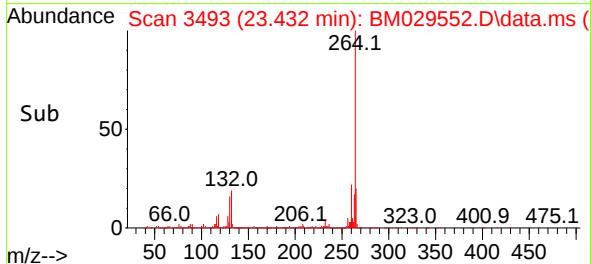
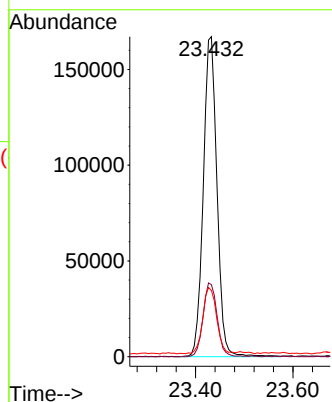
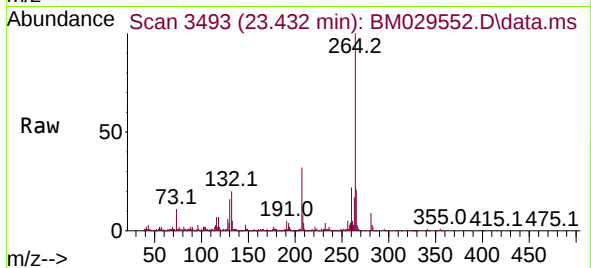




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.432 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

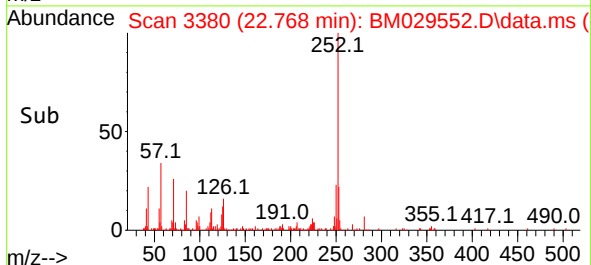
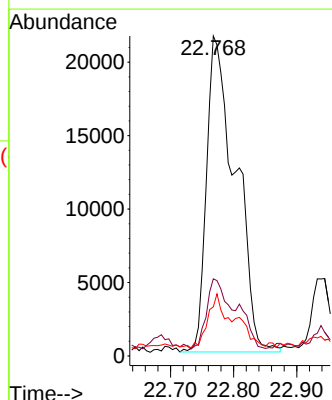
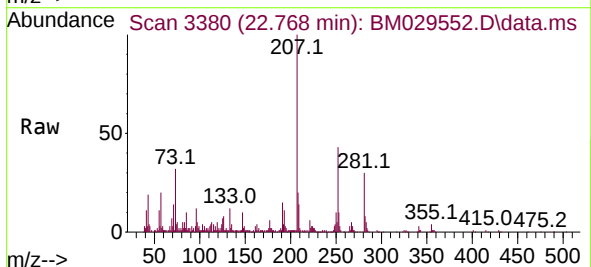
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-9

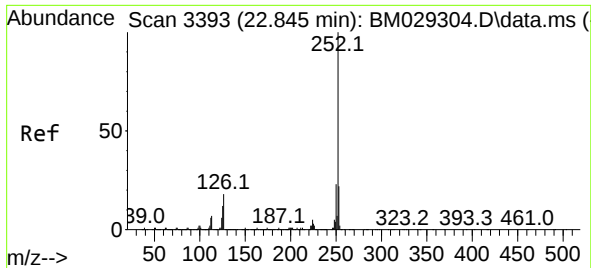
Tgt Ion:264 Resp: 324792
Ion Ratio Lower Upper
264 100
260 22.5 19.6 29.4
265 20.7 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 3.21 ng
RT: 22.768 min Scan# 3380
Delta R.T. -0.012 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

Tgt Ion:252 Resp: 68431
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 15.3 9.0 13.4#





#89
Benzo(k)fluoranthene
Concen: 3.36 ng
RT: 22.768 min Scan# 3380
Delta R.T. -0.059 min
Lab File: BM029552.D
Acq: 19 Apr 2021 22:12

Instrument :
BNA_M
ClientSampleId :
VNPH2-B-9

Tgt Ion:252 Resp: 68431
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 15.3 8.7 13.1#

