

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041921\
 Data File : BM029548.D
 Acq On : 19 Apr 2021 19:45
 Operator : CG/JU
 Sample : M2074-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNPH2-B-6

Quant Time: Apr 20 04:16:13 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)

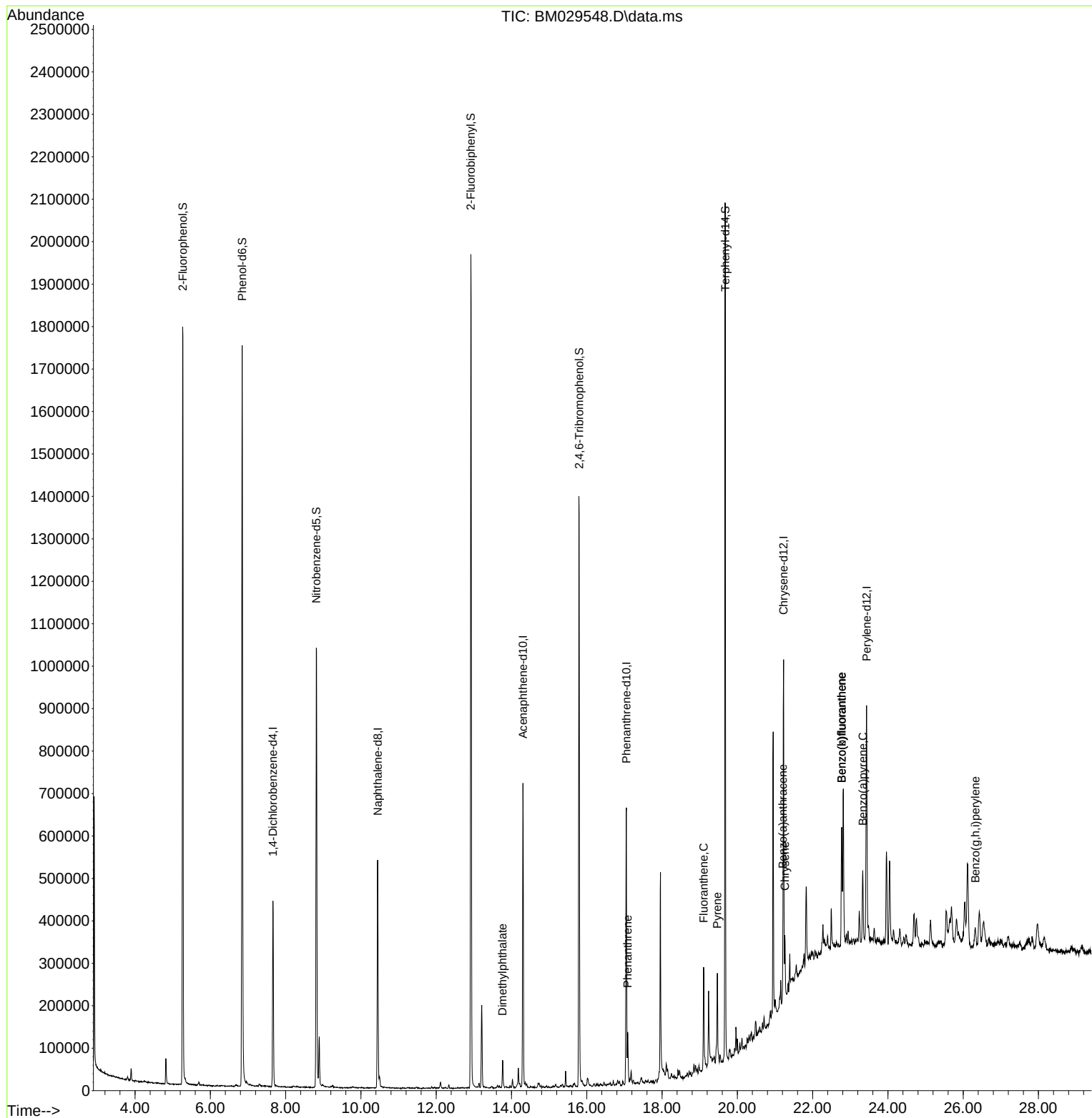
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	101541	20.00	ng	-0.01
21) Naphthalene-d8	10.445	136	401259	20.00	ng	-0.01
39) Acenaphthene-d10	14.304	164	215461	20.00	ng	-0.01
64) Phenanthrene-d10	17.051	188	353078	20.00	ng	0.00
76) Chrysene-d12	21.227	240	305511	20.00	ng	0.00
86) Perylene-d12	23.433	264	328710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	645664	104.99	ng	0.00
7) Phenol-d6	6.846	99	831958	95.82	ng	0.00
23) Nitrobenzene-d5	8.816	82	605812	69.22	ng	-0.01
42) 2,4,6-Tribromophenol	15.798	330	183874	85.38	ng	0.00
45) 2-Fluorobiphenyl	12.922	172	905346	58.54	ng	-0.01
79) Terphenyl-d14	19.680	244	775421	48.21	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.763	163	35368	2.27	ng	99
71) Phenanthrene	17.086	178	61244	3.00	ng	99
75) Fluoranthene	19.104	202	121966	5.36	ng	98
78) Pyrene	19.468	202	110272	5.19	ng	99
81) Benzo(a)anthracene	21.209	228	66070	3.24	ng	95
83) Chrysene	21.262	228	68679	3.44	ng	97
88) Benzo(b)fluoranthene	22.774	252	129198	5.99	ng	# 94
89) Benzo(k)fluoranthene	22.774	252	129198	6.26	ng	# 93
90) Benzo(a)pyrene	23.333	252	66779	3.38	ng	# 91
92) Benzo(g,h,i)perylene	26.321	276	46391	2.31	ng	95

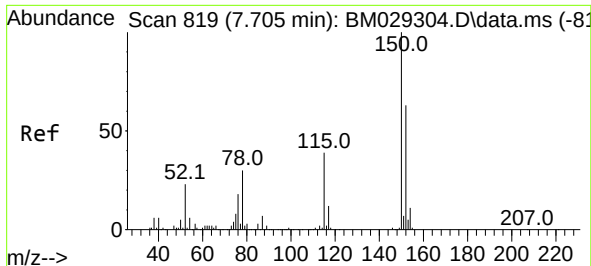
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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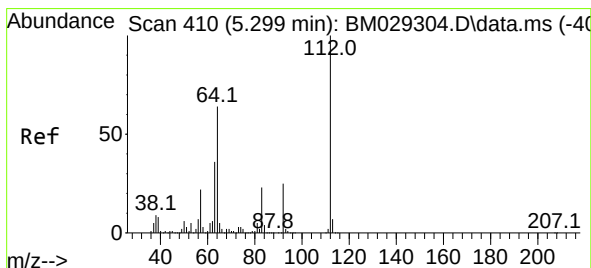
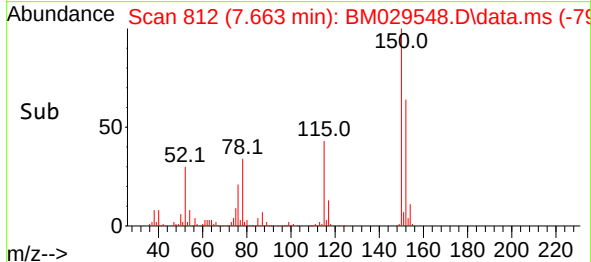
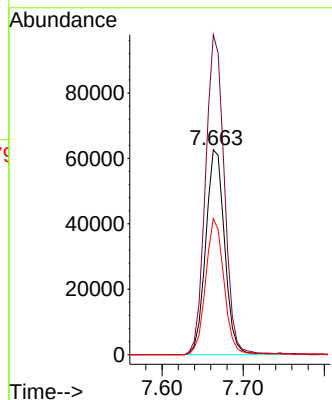
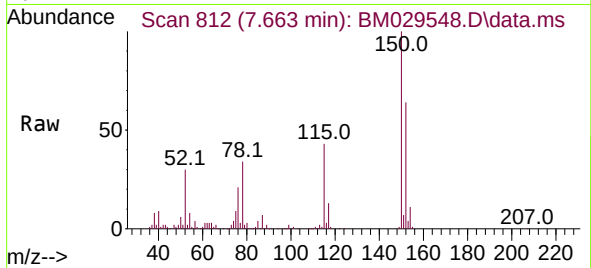




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 812
Delta R.T. -0.012 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

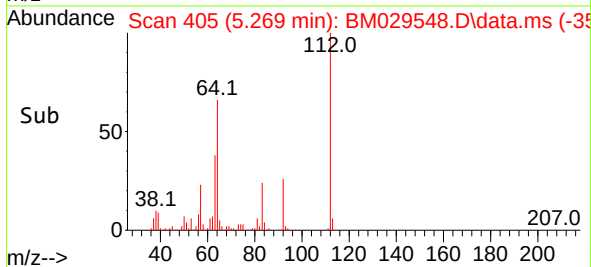
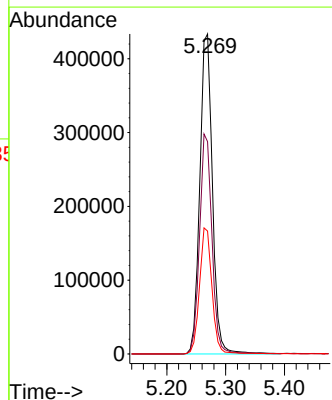
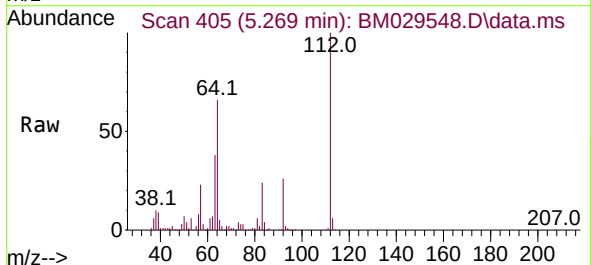
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-6

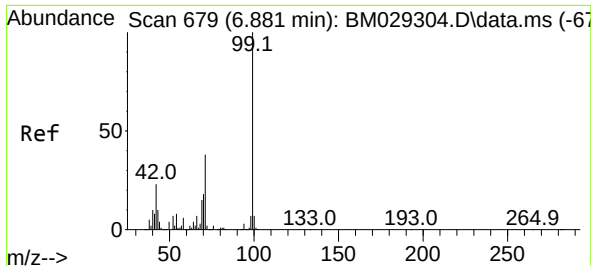
Tgt Ion:152 Resp: 101541
Ion Ratio Lower Upper
152 100
150 156.1 124.3 186.5
115 66.4 46.4 69.6



#5
2-Fluorophenol
Concen: 104.99 ng
RT: 5.269 min Scan# 405
Delta R.T. 0.000 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

Tgt Ion:112 Resp: 645664
Ion Ratio Lower Upper
112 100
64 66.3 51.6 77.4
63 38.4 29.0 43.4

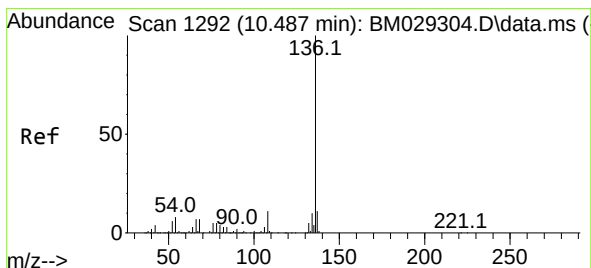
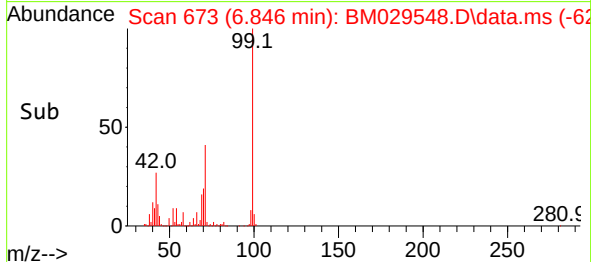
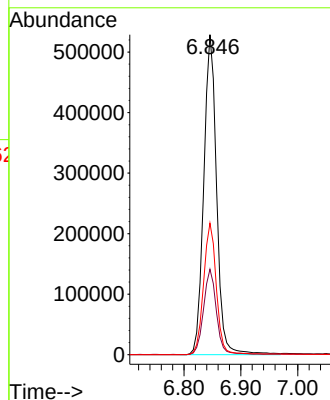
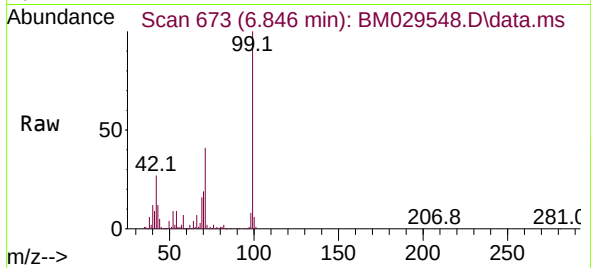




#7
Phenol-d6
Concen: 95.82 ng
RT: 6.846 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

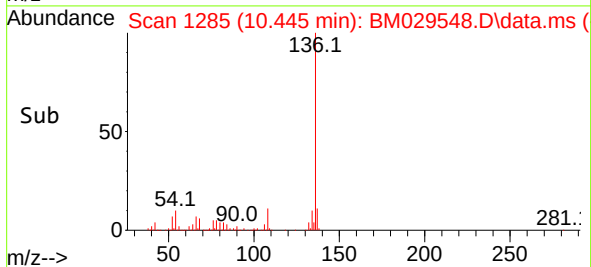
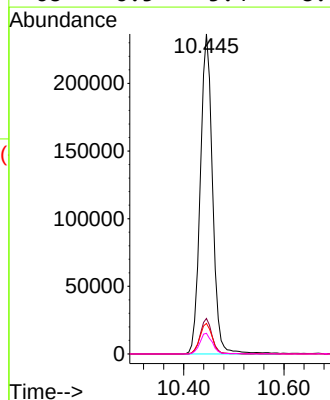
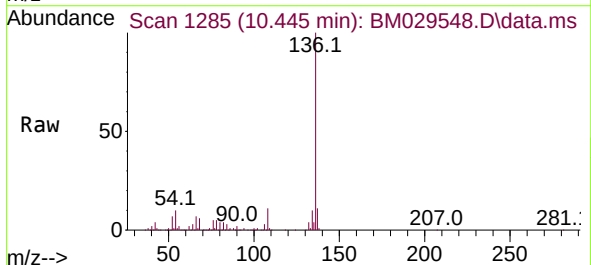
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-6

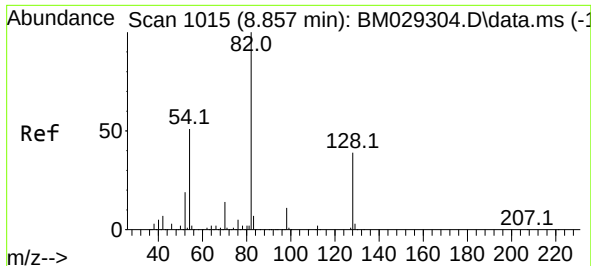
Tgt Ion:	99	Resp:	831958
Ion	Ratio	Lower	Upper
99	100		
42	26.7	18.5	27.7
71	41.1	31.8	47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.445 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

Tgt Ion:	136	Resp:	401259
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	9.6	6.9	10.3
68	6.5	5.4	8.0

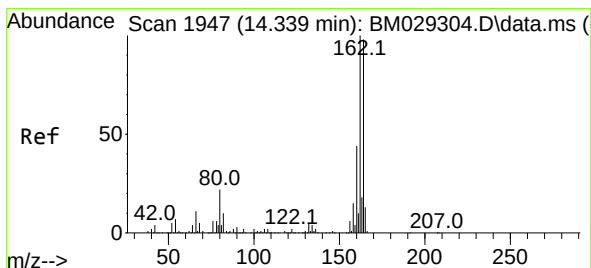
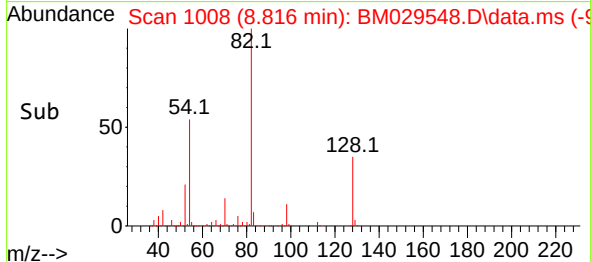
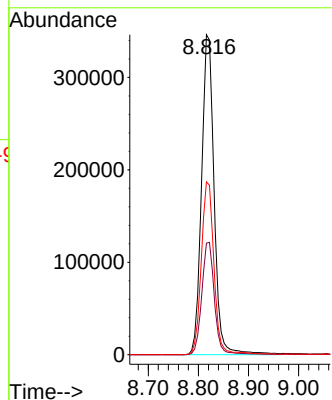
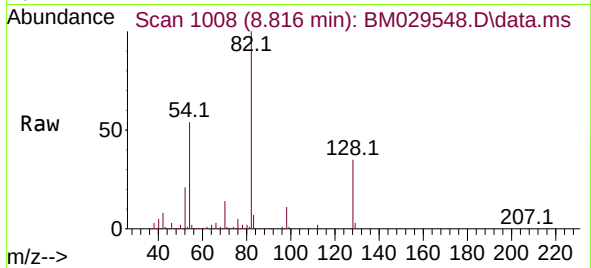




#23
Nitrobenzene-d5
Concen: 69.22 ng
RT: 8.816 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

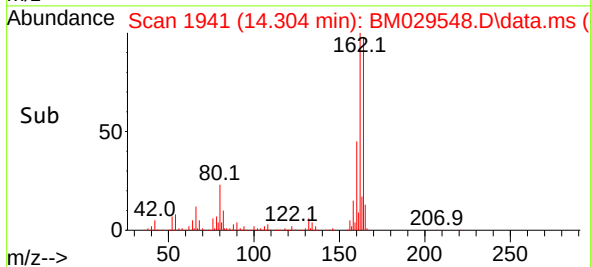
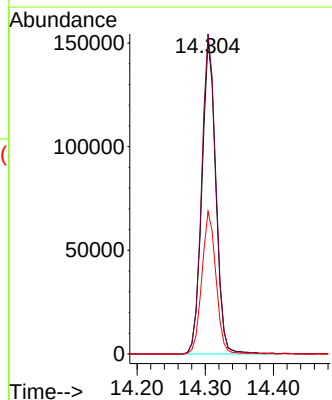
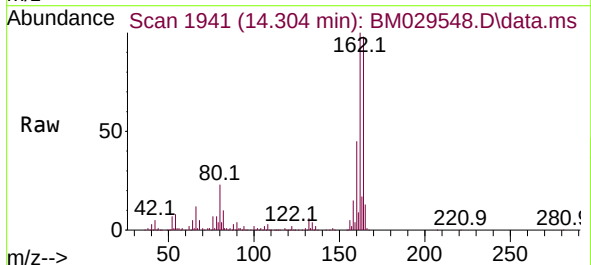
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-6

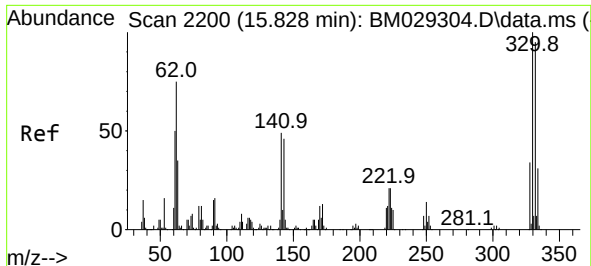
Tgt Ion: 82 Resp: 605812
Ion Ratio Lower Upper
82 100
128 34.9 28.6 42.8
54 54.0 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

Tgt Ion: 164 Resp: 215461
Ion Ratio Lower Upper
164 100
162 102.2 84.4 126.6
160 45.5 36.6 54.8

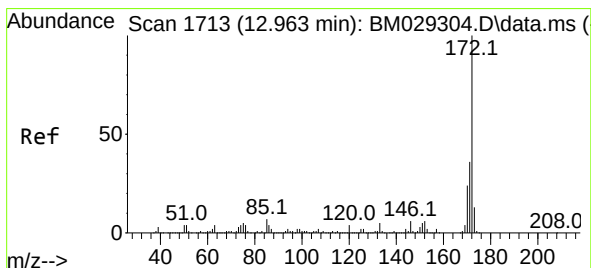
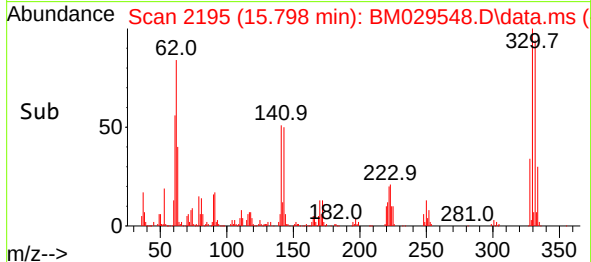
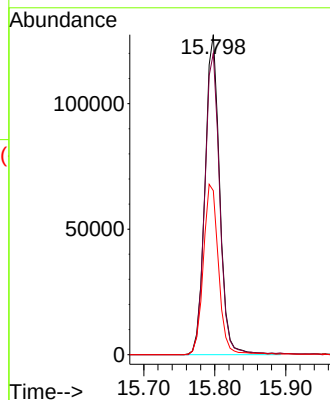
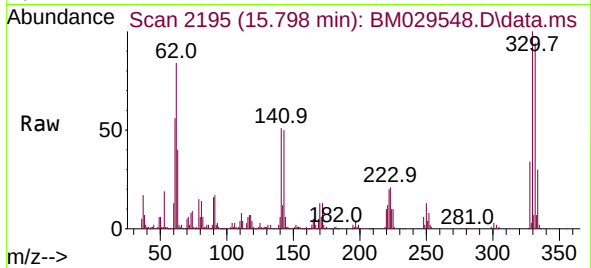




#42
2,4,6-Tribromophenol
Concen: 85.38 ng
RT: 15.798 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

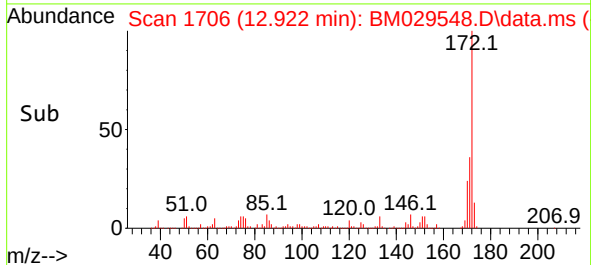
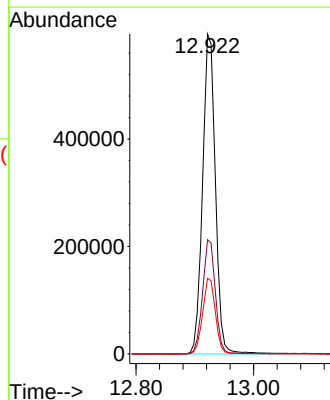
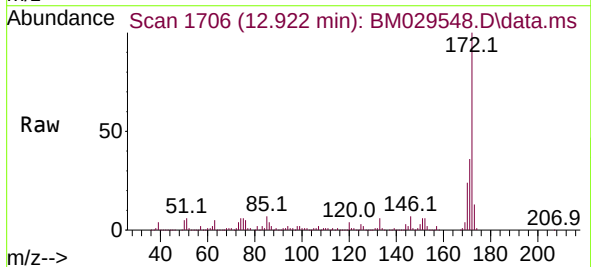
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-6

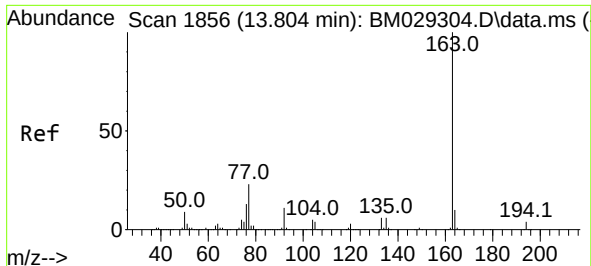
Tgt Ion:330 Resp: 183874
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 55.2 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 58.54 ng
RT: 12.922 min Scan# 1706
Delta R.T. -0.012 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

Tgt Ion:172 Resp: 905346
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.6 18.8 28.2

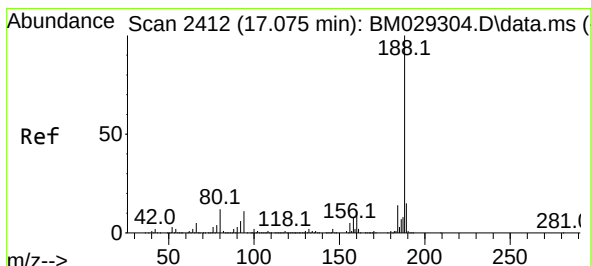
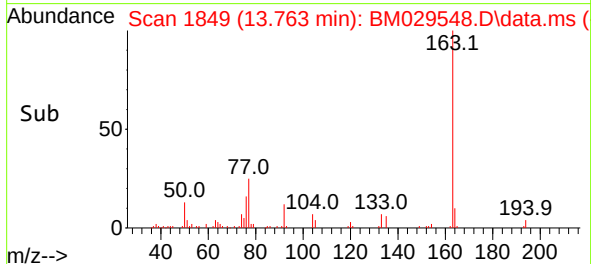
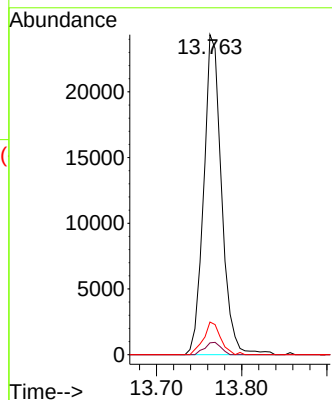
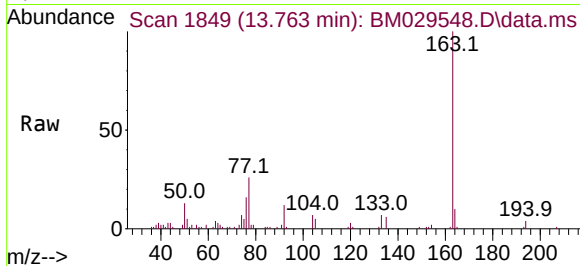




#50
Dimethylphthalate
Concen: 2.27 ng
RT: 13.763 min Scan# 1849
Delta R.T. -0.018 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

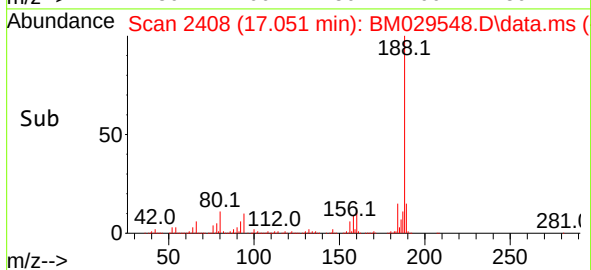
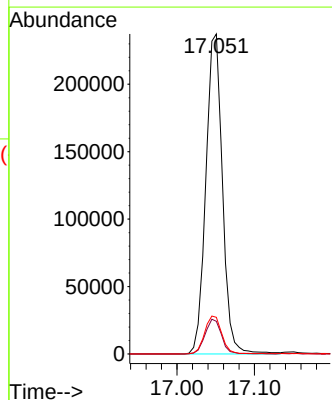
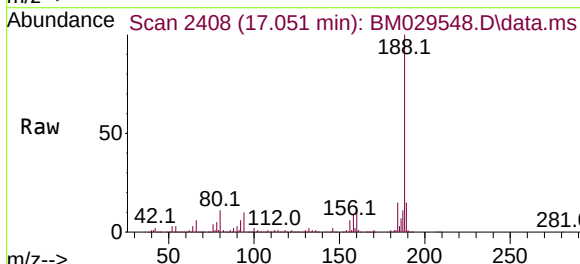
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-6

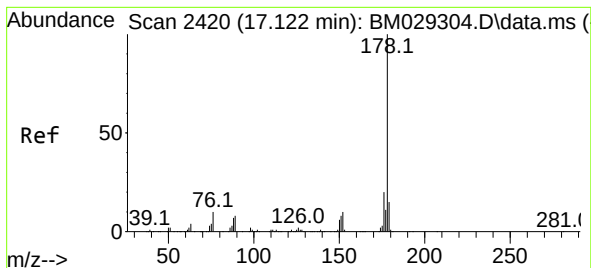
Tgt Ion:	163	Resp:	35368
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.2	7.9	11.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.051 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

Tgt Ion:	188	Resp:	353078
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	11.4	9.2	13.8





#71

Phenanthrene

Concen: 3.00 ng

RT: 17.086 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BM029548.D

Acq: 19 Apr 2021 19:45

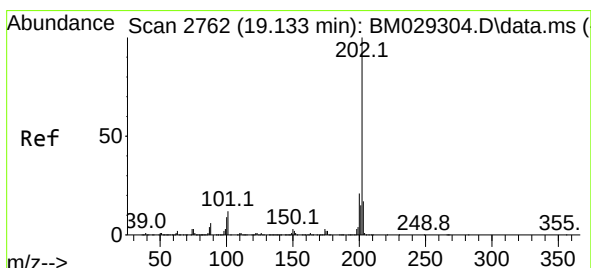
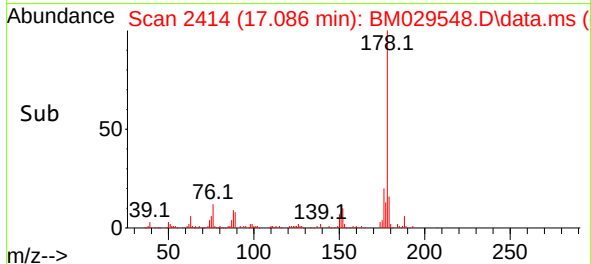
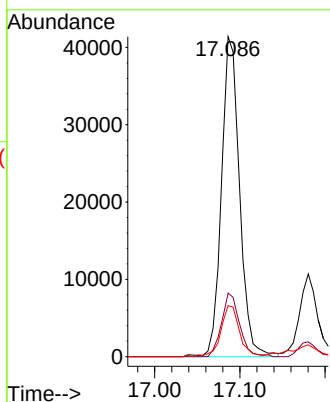
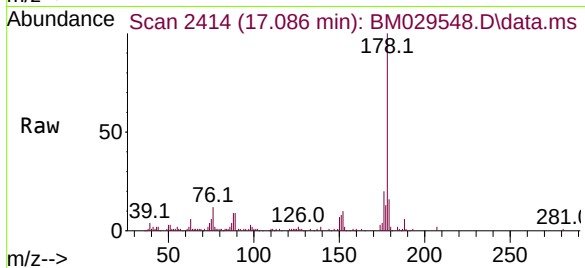
Tgt Ion:178 Resp: 61244

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 16.0 11.9 17.9



#75

Fluoranthene

Concen: 5.36 ng

RT: 19.104 min Scan# 2757

Delta R.T. -0.012 min

Lab File: BM029548.D

Acq: 19 Apr 2021 19:45

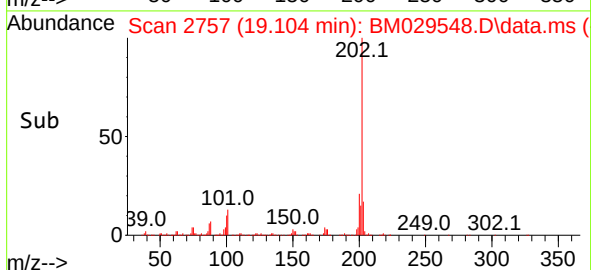
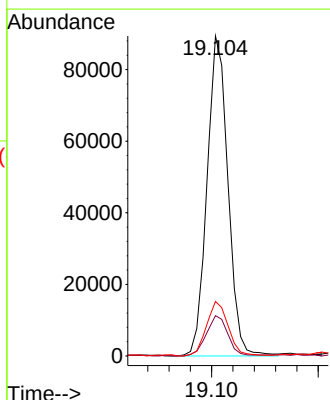
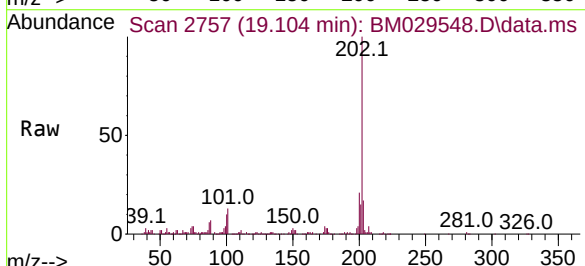
Tgt Ion:202 Resp: 121966

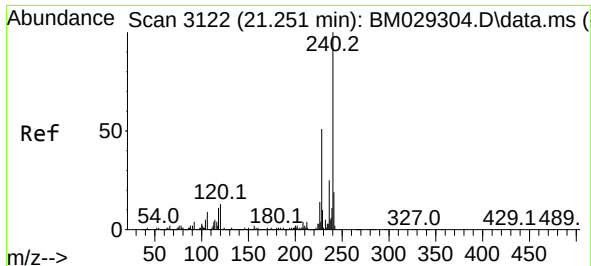
Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.5

203 17.0 0.0 37.7

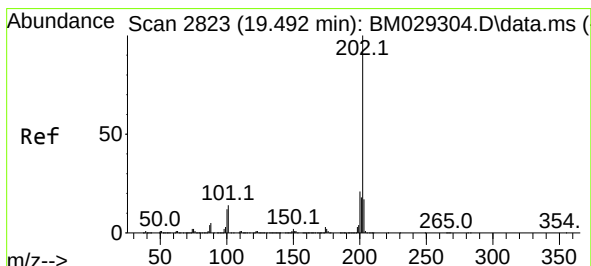
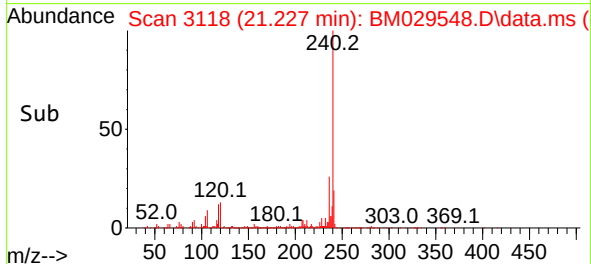
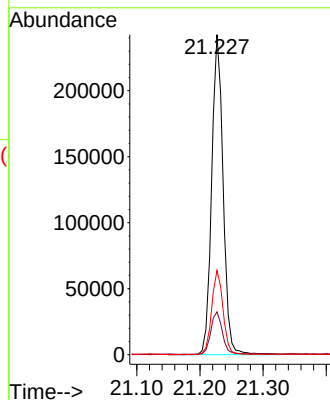
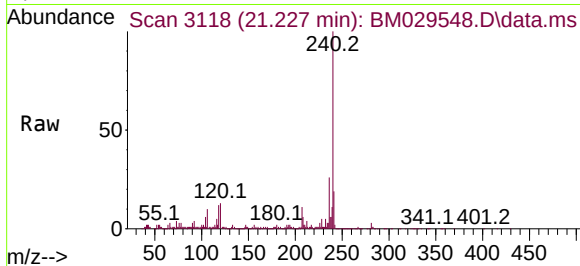




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.227 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

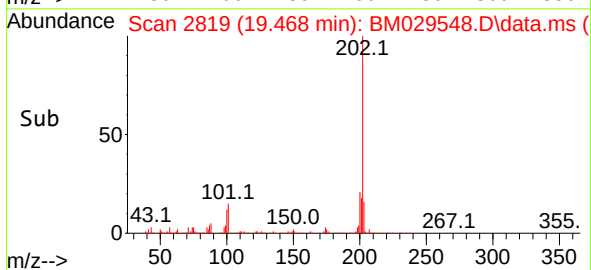
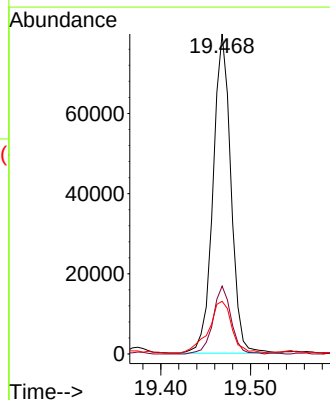
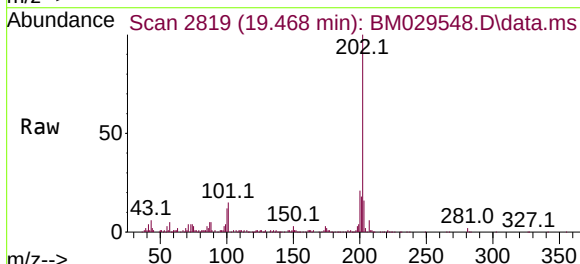
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-6

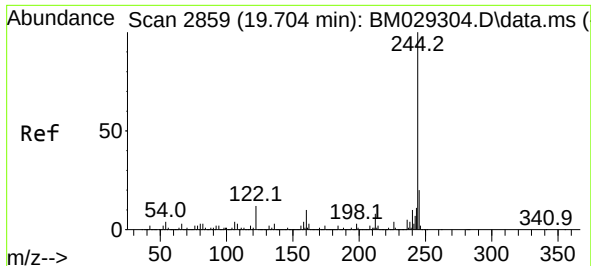
Tgt Ion:240 Resp: 305511
Ion Ratio Lower Upper
240 100
120 13.4 9.0 13.6
236 26.3 20.3 30.5



#78
Pyrene
Concen: 5.19 ng
RT: 19.468 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

Tgt Ion:202 Resp: 110272
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 16.4 14.1 21.1

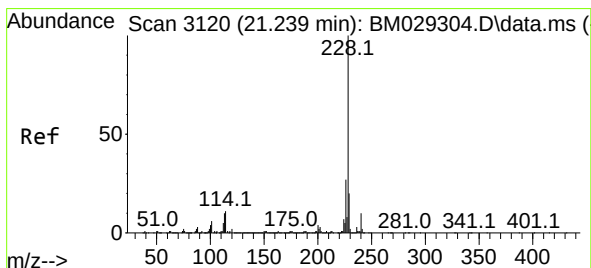
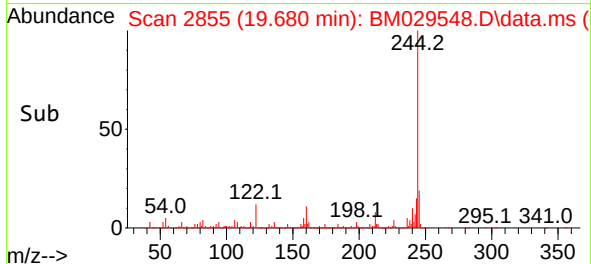
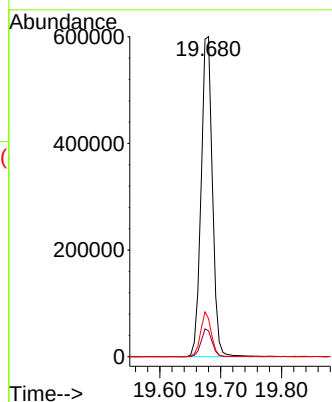
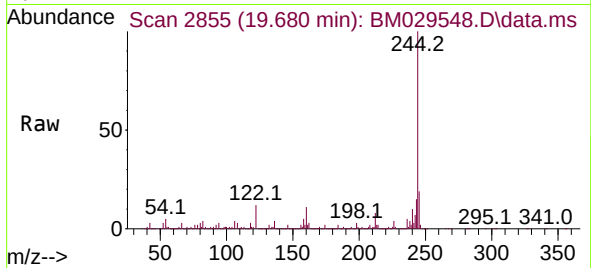




#79
 Terphenyl-d14
 Concen: 48.21 ng
 RT: 19.680 min Scan# 2855
 Delta R.T. -0.006 min
 Lab File: BM029548.D
 Acq: 19 Apr 2021 19:45

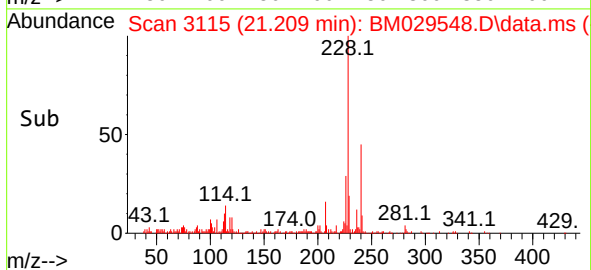
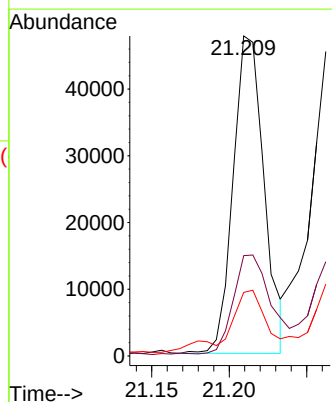
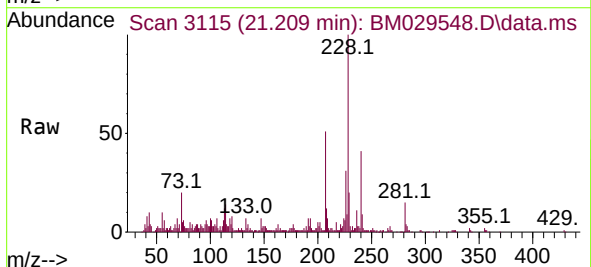
Instrument :
 BNA_M
 ClientSampleId :
 VNPH2-B-6

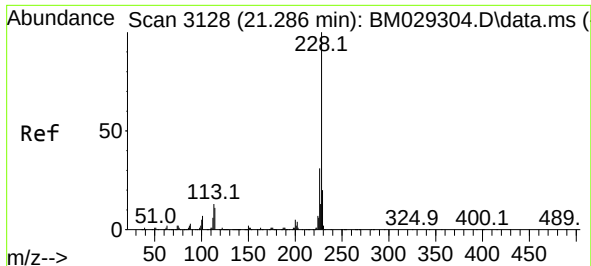
Tgt Ion:244 Resp: 775421
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 11.9 9.2 13.8



#81
 Benzo(a)anthracene
 Concen: 3.24 ng
 RT: 21.209 min Scan# 3115
 Delta R.T. -0.012 min
 Lab File: BM029548.D
 Acq: 19 Apr 2021 19:45

Tgt Ion:228 Resp: 66070
 Ion Ratio Lower Upper
 228 100
 226 31.4 21.9 32.9
 229 19.9 15.7 23.5

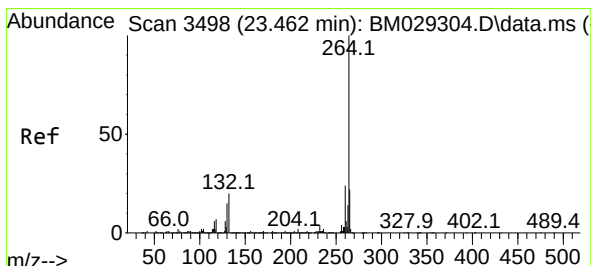
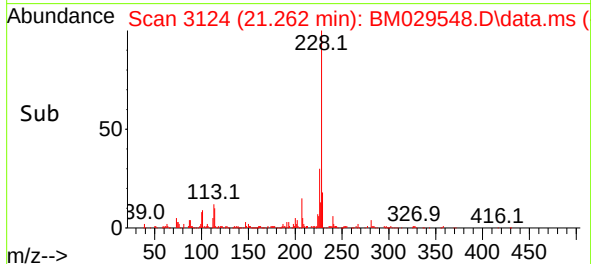
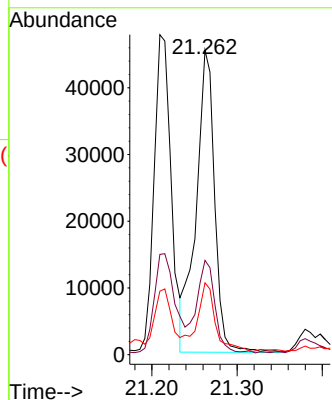
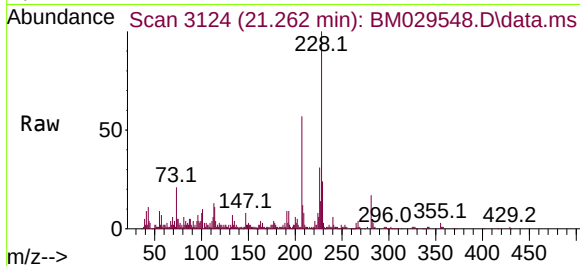




#83
Chrysene
Concen: 3.44 ng
RT: 21.262 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

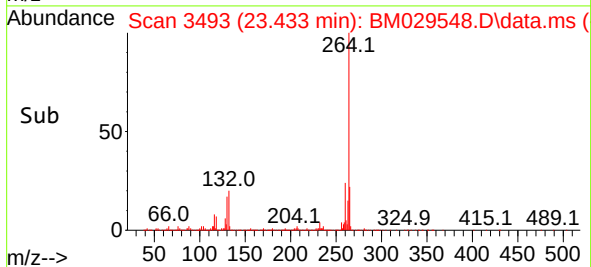
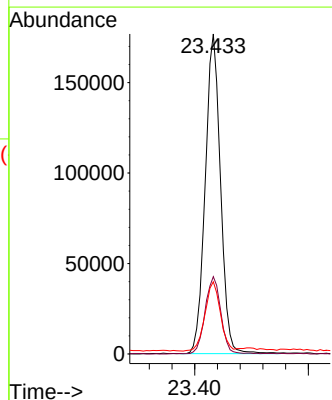
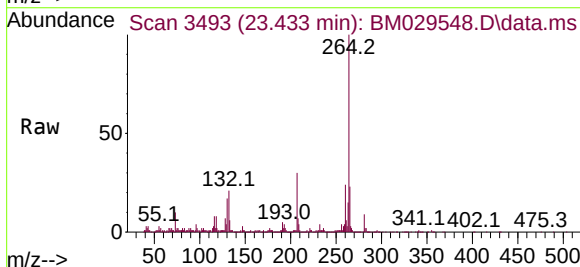
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-6

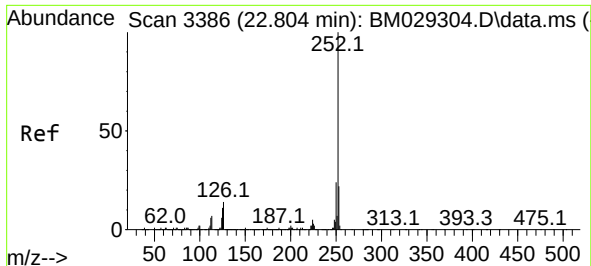
Tgt Ion:228 Resp: 68679
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 23.6 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.433 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

Tgt Ion:264 Resp: 328710
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.5 17.8 26.8

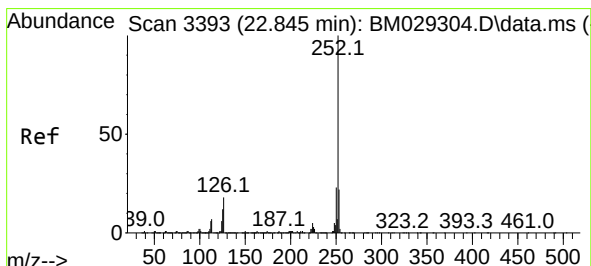
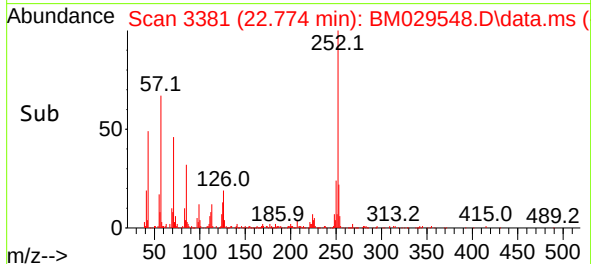
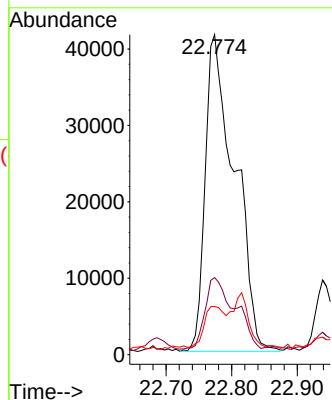
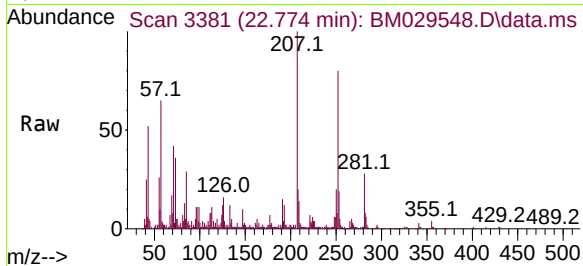




#88
Benzo(b)fluoranthene
Concen: 5.99 ng
RT: 22.774 min Scan# 3381
Delta R.T. -0.006 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

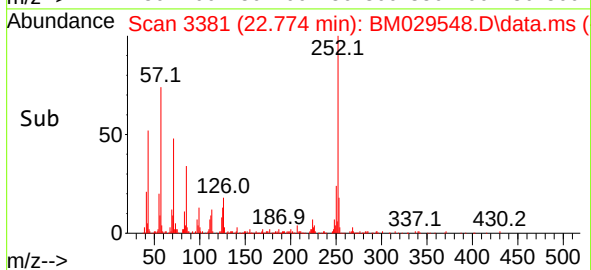
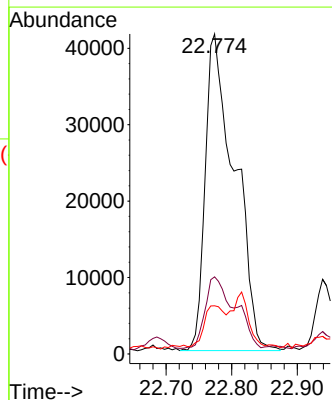
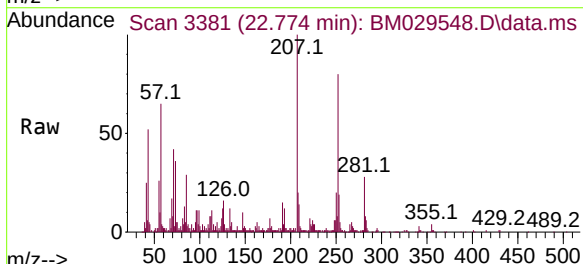
Instrument :
BNA_M
ClientSampled :
VNPH2-B-6

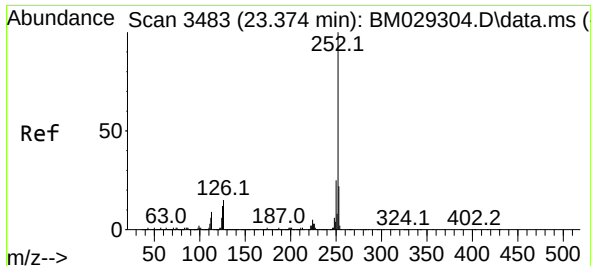
Tgt Ion:252 Resp: 129198
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 15.1 9.0 13.4#



#89
Benzo(k)fluoranthene
Concen: 6.26 ng
RT: 22.774 min Scan# 3381
Delta R.T. -0.053 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

Tgt Ion:252 Resp: 129198
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 15.1 8.7 13.1#

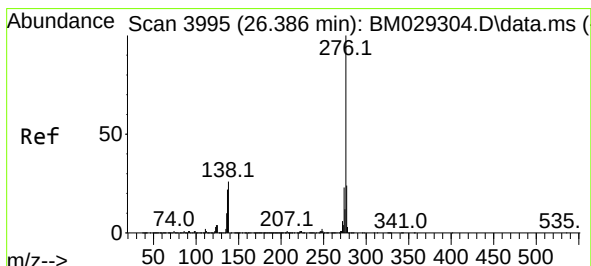
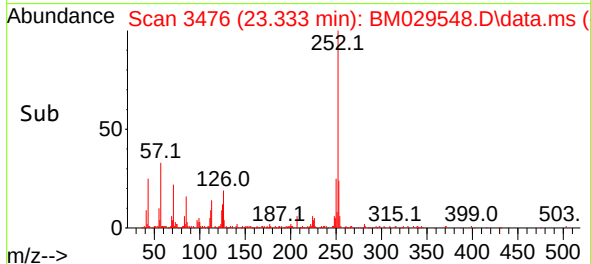
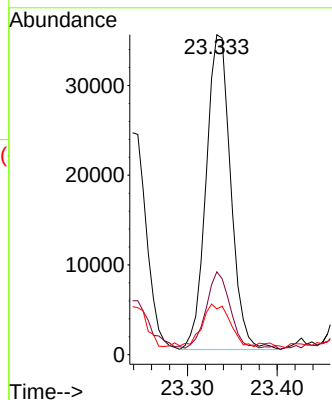
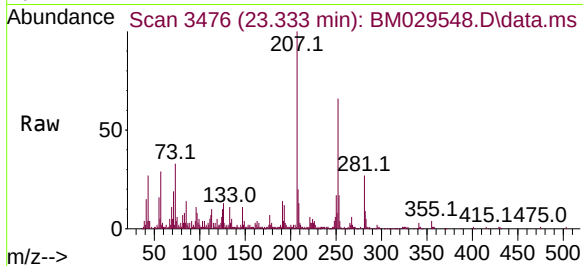




#90
Benzo(a)pyrene
Concen: 3.38 ng
RT: 23.333 min Scan# 3476
Delta R.T. -0.012 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

Instrument :
BNA_M
ClientSampleId :
VNPH2-B-6

Tgt Ion:252 Resp: 66779
Ion Ratio Lower Upper
252 100
253 25.9 17.0 25.4#
125 14.3 9.5 14.3#



#92
Benzo(g,h,i)perylene
Concen: 2.31 ng
RT: 26.321 min Scan# 3984
Delta R.T. -0.023 min
Lab File: BM029548.D
Acq: 19 Apr 2021 19:45

Tgt Ion:276 Resp: 46391
Ion Ratio Lower Upper
276 100
277 22.8 18.7 28.1
138 27.7 19.0 28.4

