

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041921\
 Data File : BM029547.D
 Acq On : 19 Apr 2021 19:09
 Operator : CG/JU
 Sample : M2074-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNPH2-B-5

Quant Time: Apr 20 04:16:02 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)

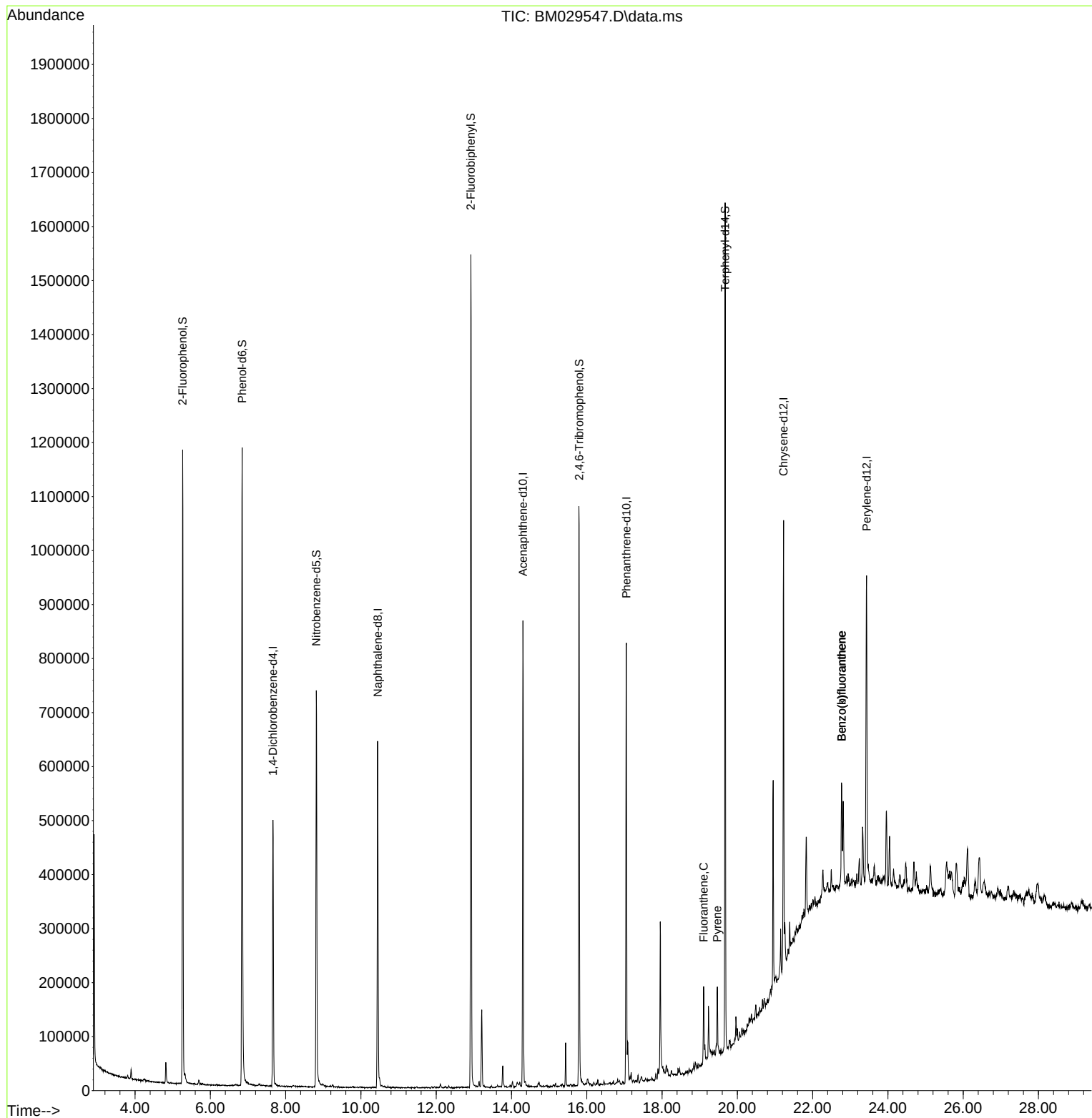
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	115921	20.00	ng	-0.01
21) Naphthalene-d8	10.445	136	475920	20.00	ng	-0.01
39) Acenaphthene-d10	14.304	164	268376	20.00	ng	-0.01
64) Phenanthrene-d10	17.051	188	445117	20.00	ng	0.00
76) Chrysene-d12	21.227	240	316903	20.00	ng	0.00
86) Perylene-d12	23.433	264	339723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	419020	59.68	ng	0.00
7) Phenol-d6	6.846	99	583268	58.85	ng	0.00
23) Nitrobenzene-d5	8.816	82	432582	41.67	ng	-0.01
42) 2,4,6-Tribromophenol	15.798	330	142547	53.14	ng	0.00
45) 2-Fluorobiphenyl	12.922	172	712094	36.97	ng	-0.01
79) Terphenyl-d14	19.674	244	586218	35.13	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.104	202	69881	2.44	ng	95
78) Pyrene	19.468	202	62942	2.86	ng	96
88) Benzo(b)fluoranthene	22.774	252	71935	3.22	ng	# 88
89) Benzo(k)fluoranthene	22.774	252	71935	3.37	ng	# 87

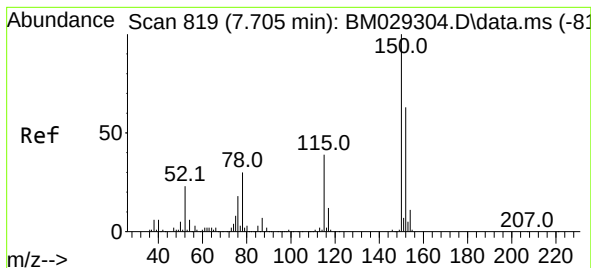
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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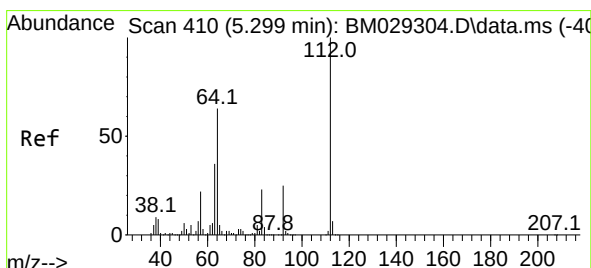
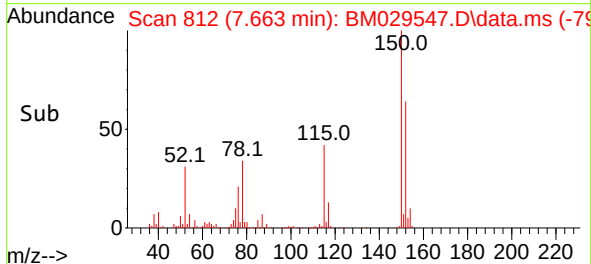
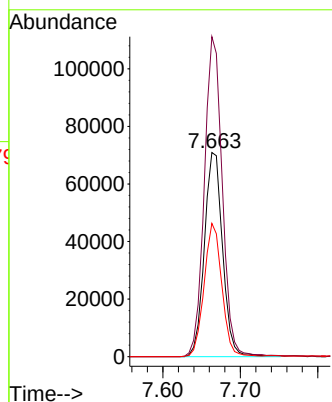
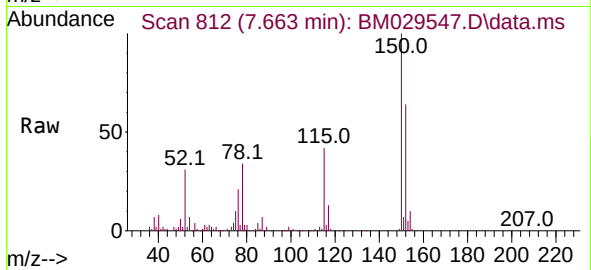




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 812
Delta R.T. -0.012 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

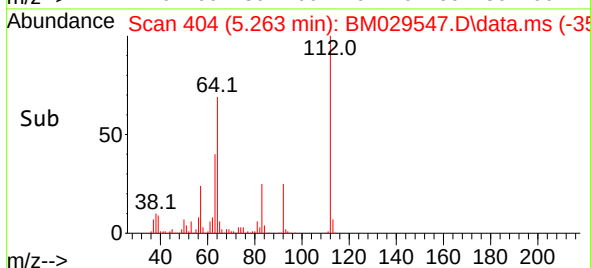
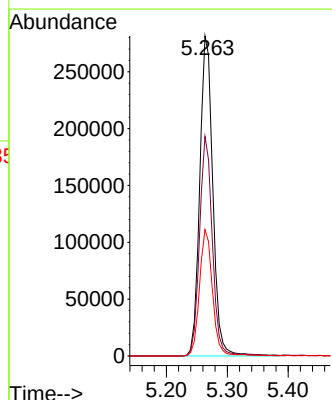
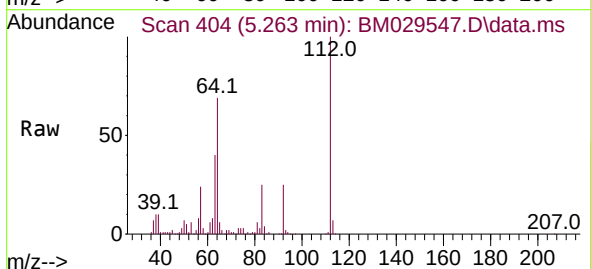
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-5

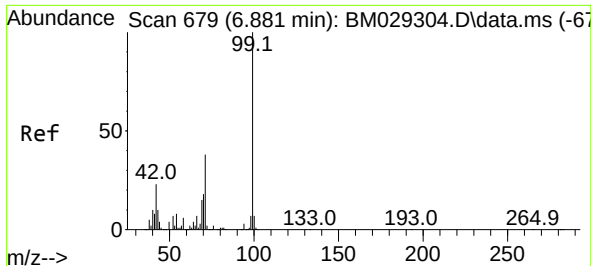
Tgt Ion:152 Resp: 115921
Ion Ratio Lower Upper
152 100
150 156.7 124.3 186.5
115 65.3 46.4 69.6



#5
2-Fluorophenol
Concen: 59.68 ng
RT: 5.263 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

Tgt Ion:112 Resp: 419020
Ion Ratio Lower Upper
112 100
64 68.6 51.6 77.4
63 39.5 29.0 43.4

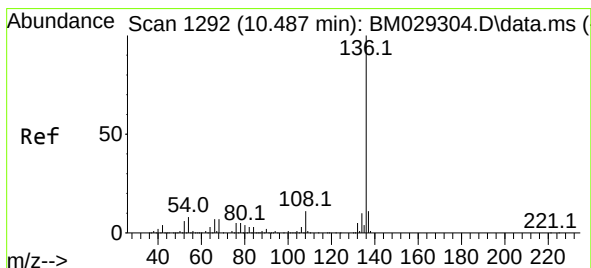
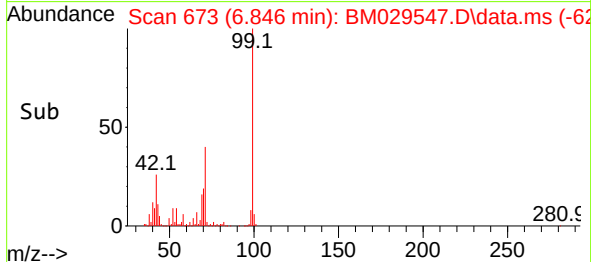
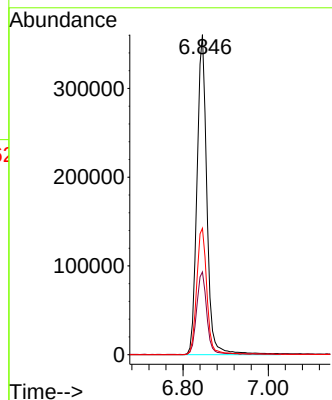
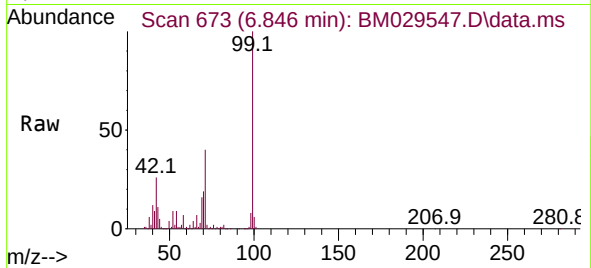




#7
Phenol-d6
Concen: 58.85 ng
RT: 6.846 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

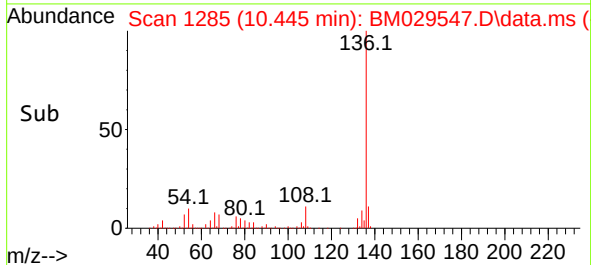
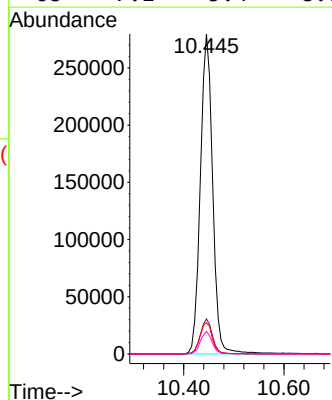
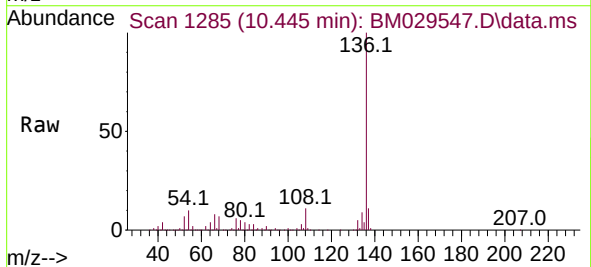
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-5

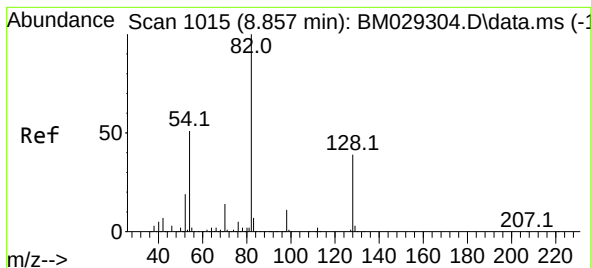
Tgt Ion:	99	Resp:	583268
Ion	Ratio	Lower	Upper
99	100		
42	25.8	18.5	27.7
71	39.5	31.8	47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.445 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

Tgt Ion:	136	Resp:	475920
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	9.8	6.9	10.3
68	7.1	5.4	8.0

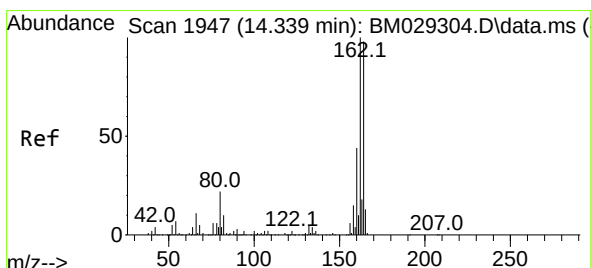
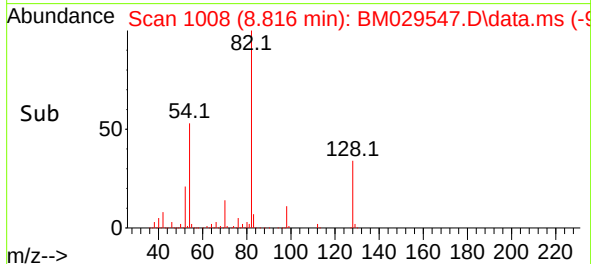
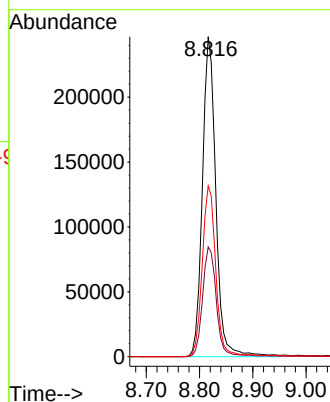
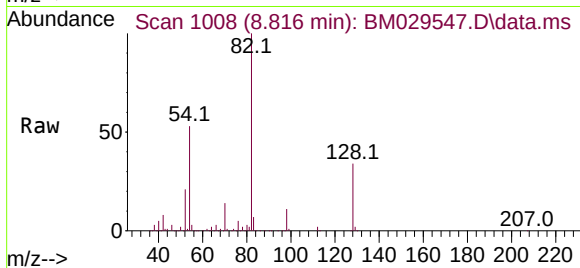




#23
Nitrobenzene-d5
Concen: 41.67 ng
RT: 8.816 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

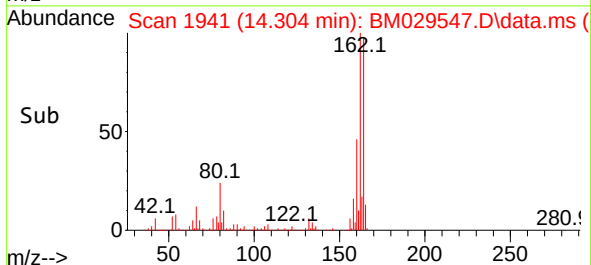
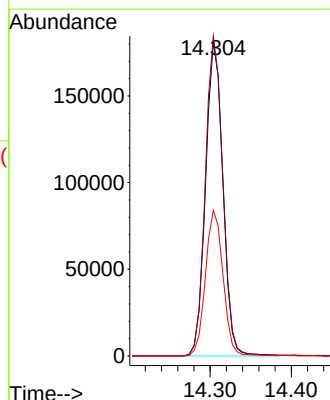
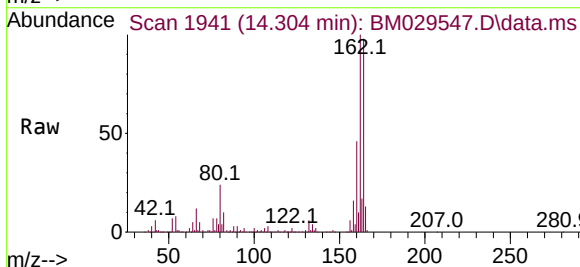
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-5

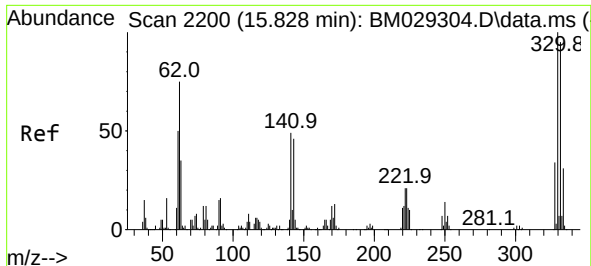
Tgt Ion: 82 Resp: 432582
Ion Ratio Lower Upper
82 100
128 34.3 28.6 42.8
54 53.4 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

Tgt Ion: 164 Resp: 268376
Ion Ratio Lower Upper
164 100
162 102.0 84.4 126.6
160 46.4 36.6 54.8

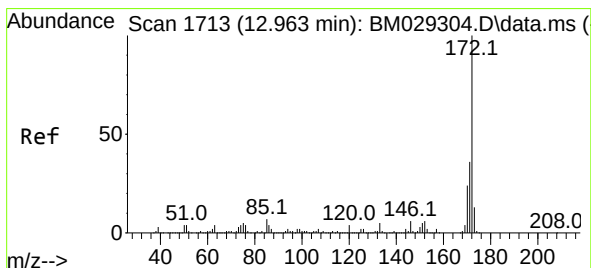
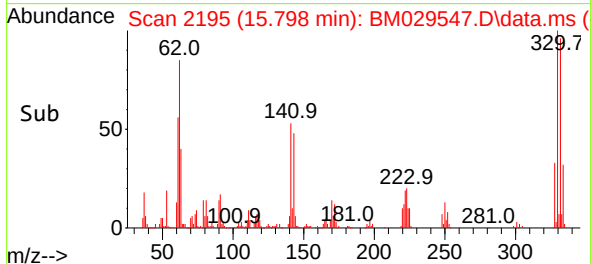
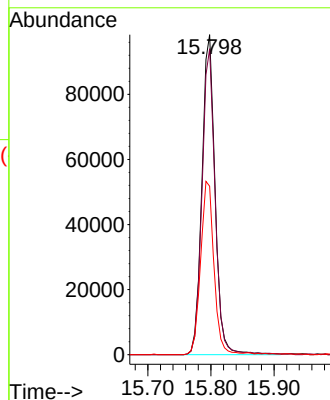
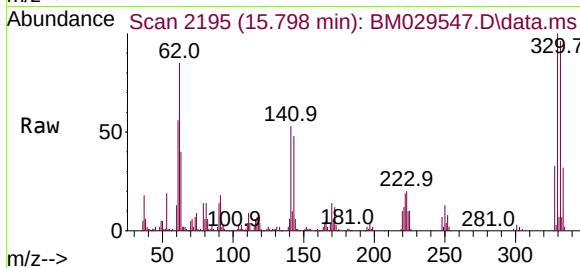




#42
2,4,6-Tribromophenol
Concen: 53.14 ng
RT: 15.798 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

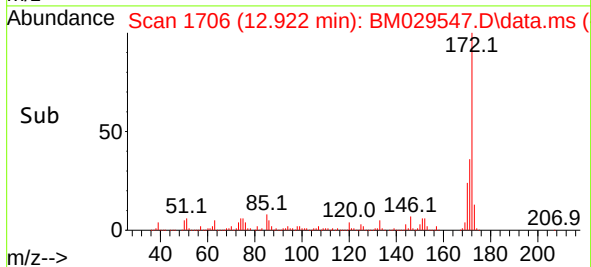
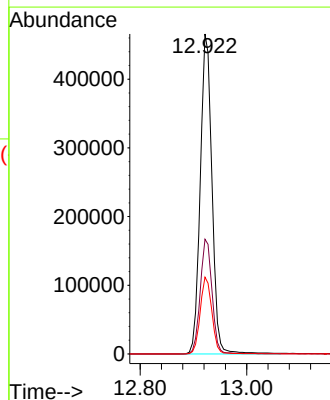
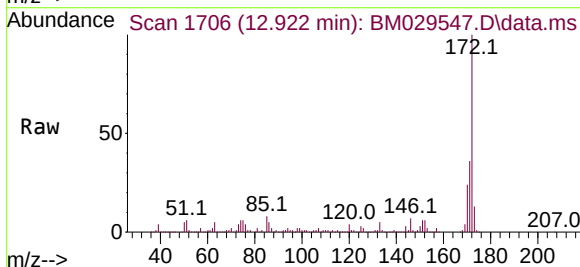
Instrument :
BNA_M
ClientSampleId :
VNPH2-B-5

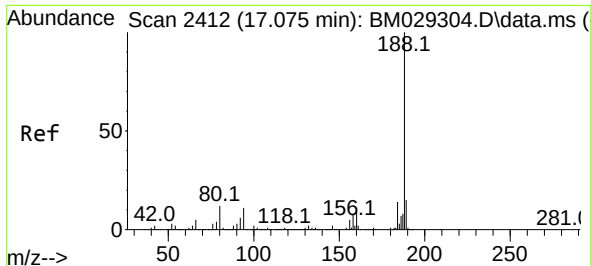
Tgt Ion:330 Resp: 142547
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 55.0 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 36.97 ng
RT: 12.922 min Scan# 1706
Delta R.T. -0.012 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

Tgt Ion:172 Resp: 712094
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.0 18.8 28.2

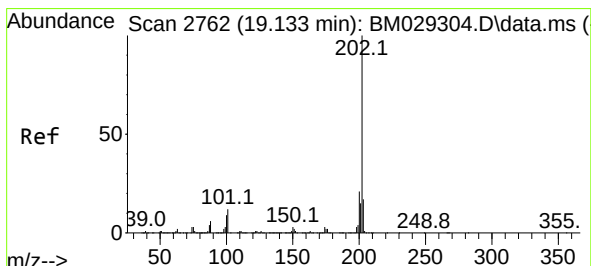
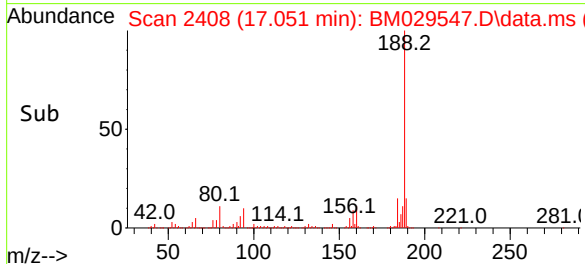
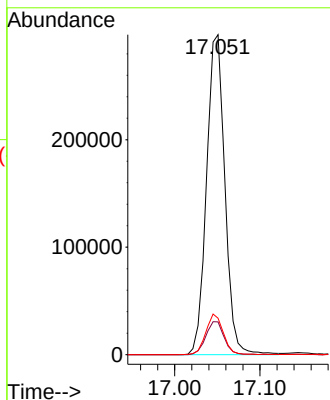
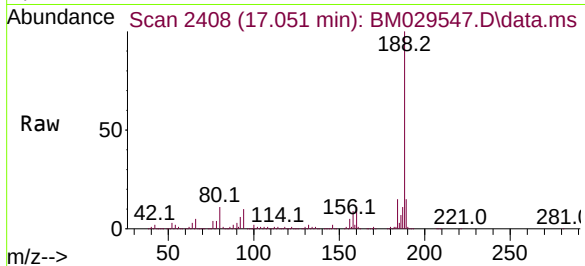




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.051 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

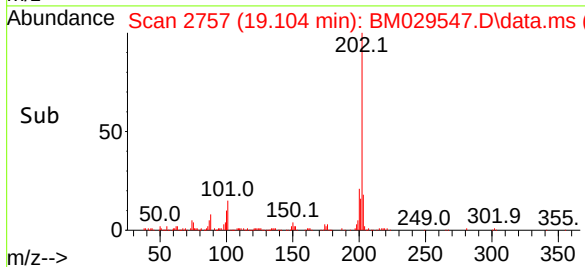
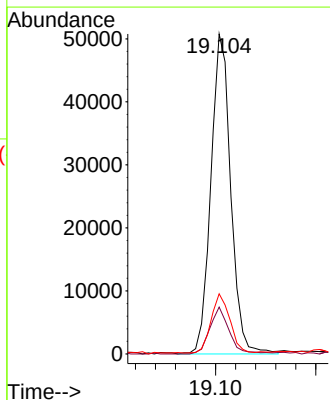
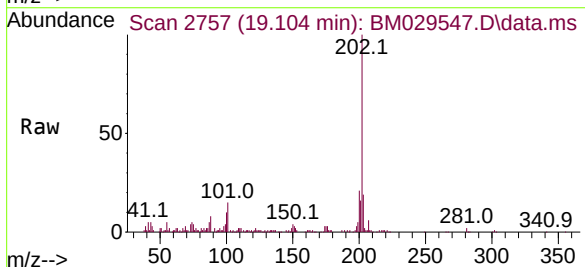
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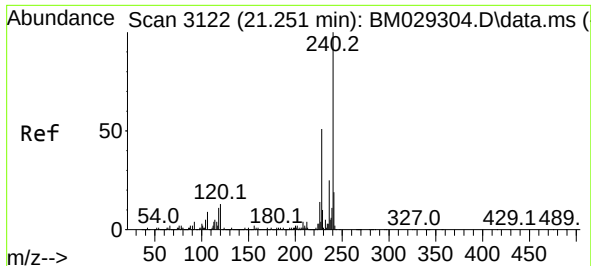
Tgt Ion:188 Resp: 445117
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 11.4 9.2 13.8



#75
Fluoranthene
Concen: 2.44 ng
RT: 19.104 min Scan# 2757
Delta R.T. -0.012 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

Tgt Ion:202 Resp: 69881
Ion Ratio Lower Upper
202 100
101 14.7 0.0 31.5
203 18.8 0.0 37.7

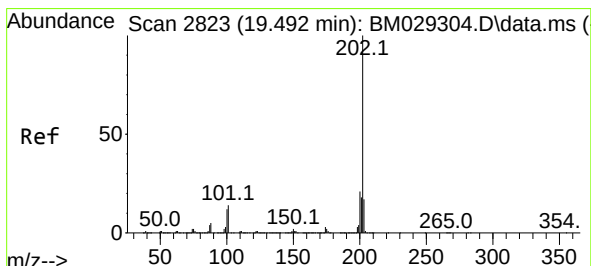
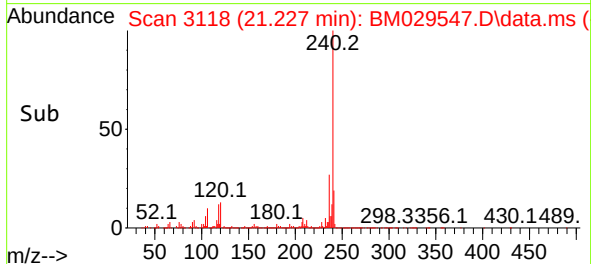
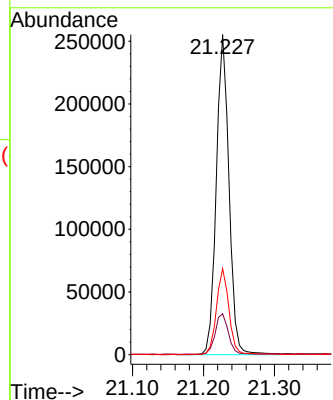
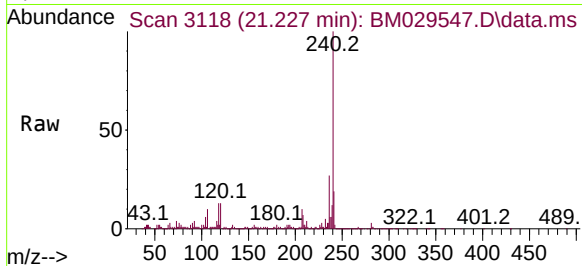




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.227 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

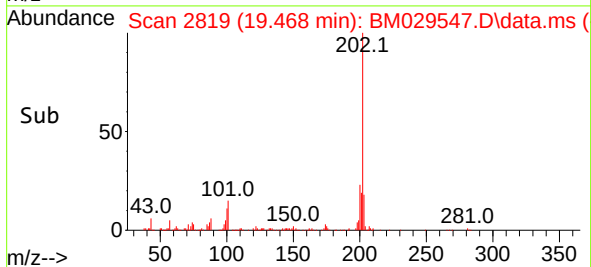
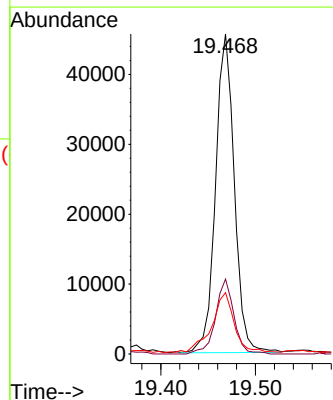
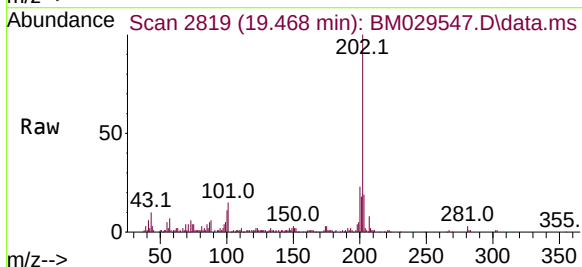
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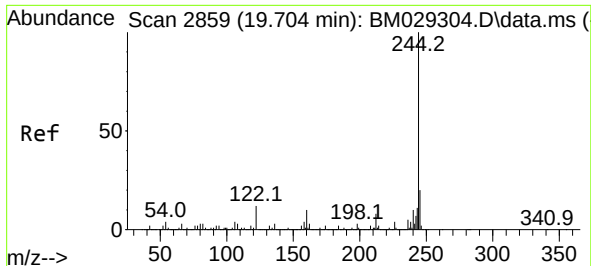
Tgt Ion:240 Resp: 316903
Ion Ratio Lower Upper
240 100
120 12.8 9.0 13.6
236 26.9 20.3 30.5



#78
Pyrene
Concen: 2.86 ng
RT: 19.468 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

Tgt Ion:202 Resp: 62942
Ion Ratio Lower Upper
202 100
200 23.4 17.0 25.6
203 19.1 14.1 21.1

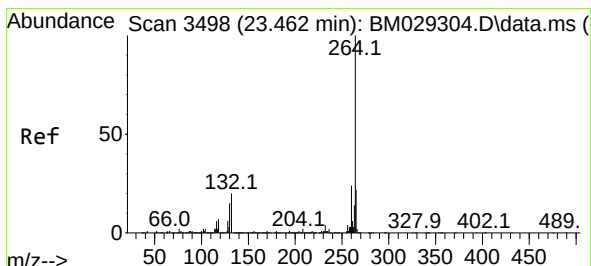
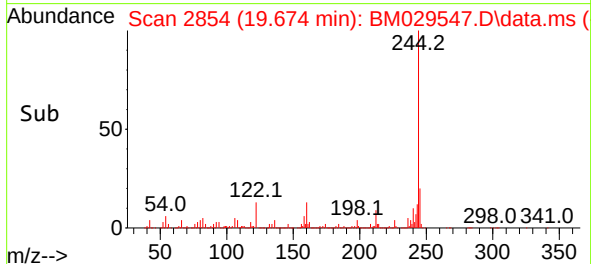
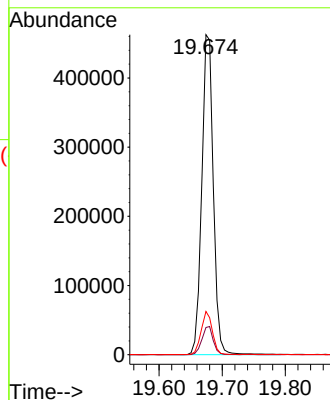
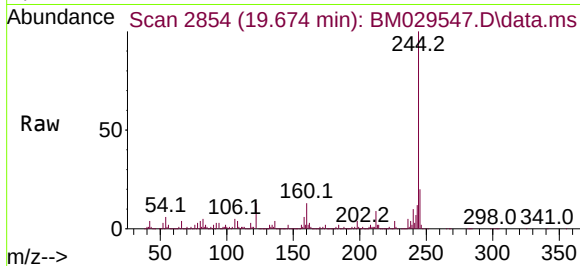




#79
 Terphenyl-d14
 Concen: 35.13 ng
 RT: 19.674 min Scan# 2854
 Delta R.T. -0.012 min
 Lab File: BM029547.D
 Acq: 19 Apr 2021 19:09

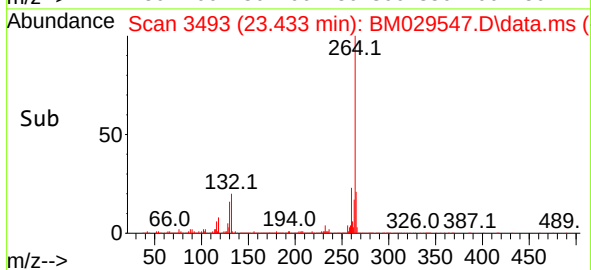
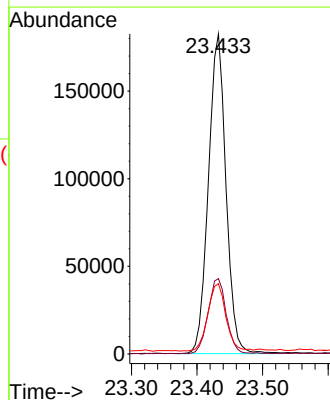
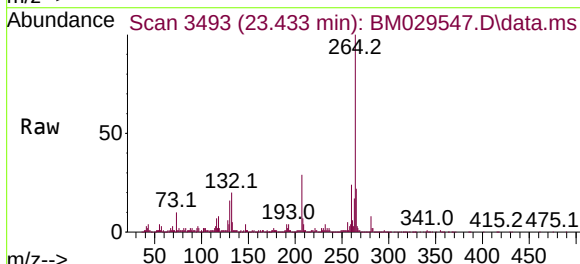
Instrument :
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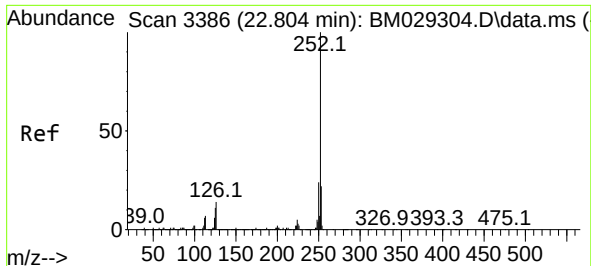
Tgt Ion:244 Resp: 586218
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 13.5 9.2 13.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.433 min Scan# 3493
 Delta R.T. -0.006 min
 Lab File: BM029547.D
 Acq: 19 Apr 2021 19:09

Tgt Ion:264 Resp: 339723
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.9 17.8 26.8

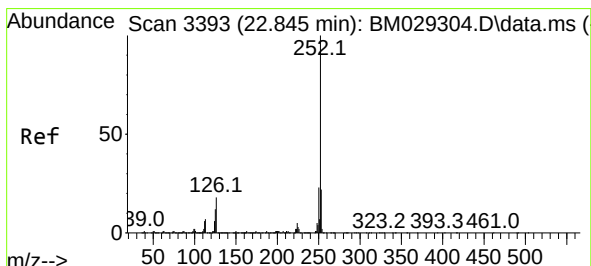
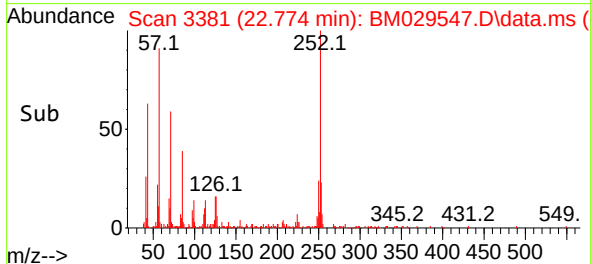
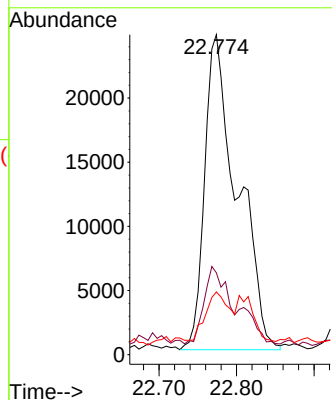
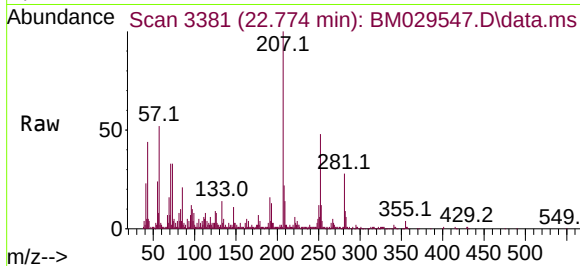




#88
Benzo(b)fluoranthene
Concen: 3.22 ng
RT: 22.774 min Scan# 3381
Delta R.T. -0.006 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

Instrument :
BNA_M
ClientSampleId :
VNPH2-B-5

Tgt Ion:252 Resp: 71935
Ion Ratio Lower Upper
252 100
253 25.6 17.6 26.4
125 19.6 9.0 13.4#



#89
Benzo(k)fluoranthene
Concen: 3.37 ng
RT: 22.774 min Scan# 3381
Delta R.T. -0.053 min
Lab File: BM029547.D
Acq: 19 Apr 2021 19:09

Tgt Ion:252 Resp: 71935
Ion Ratio Lower Upper
252 100
253 25.6 17.6 26.4
125 19.6 8.7 13.1#

