

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
 Data File : BM029525.D
 Acq On : 16 Apr 2021 17:07
 Operator : CG/JU
 Sample : M2048-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Apr 16 23:19:40 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)

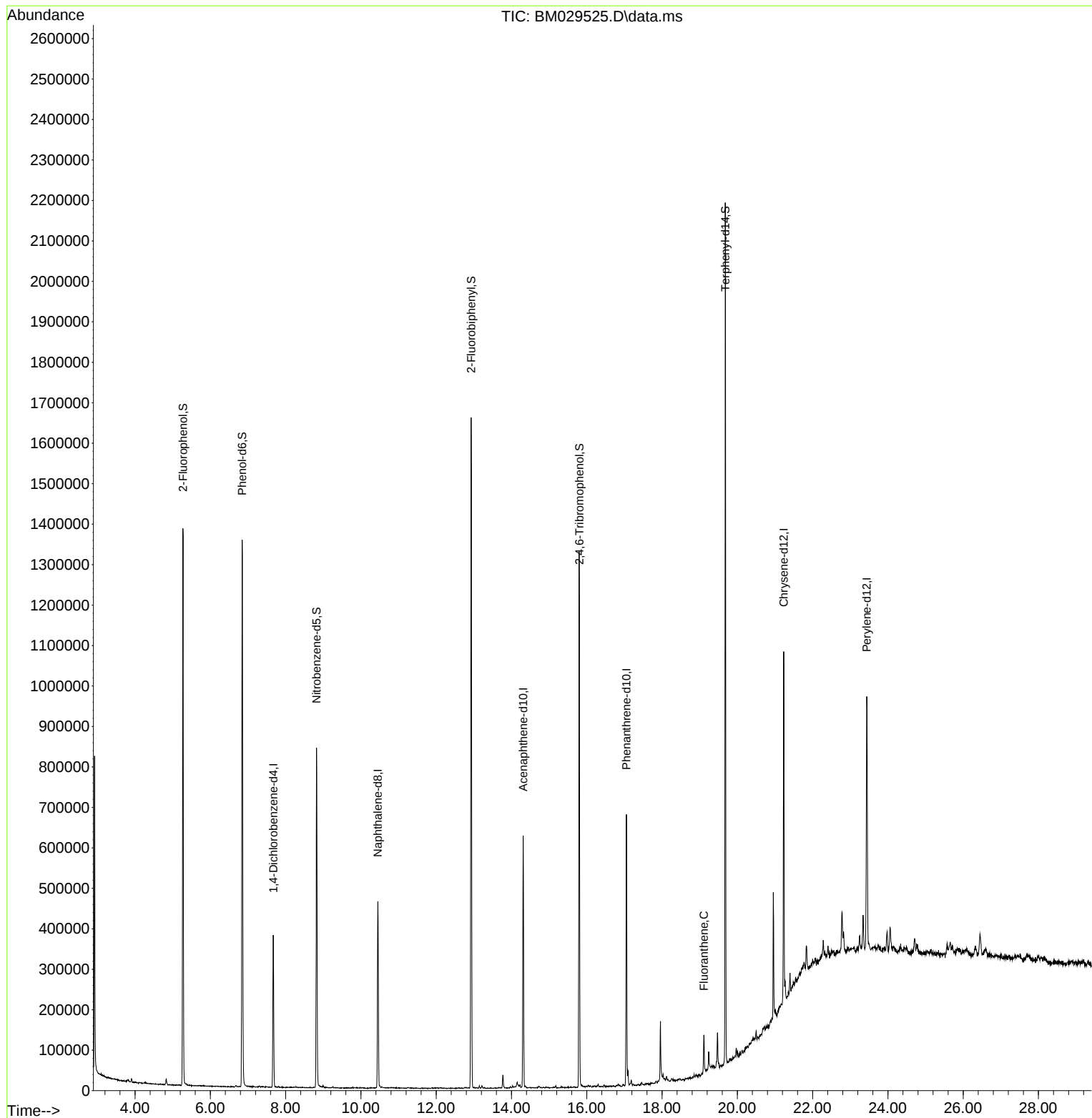
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	86807	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	336813	20.00	ng	0.00
39) Acenaphthene-d10	14.310	164	178749	20.00	ng	0.00
64) Phenanthrene-d10	17.051	188	348610	20.00	ng	0.00
76) Chrysene-d12	21.233	240	333089	20.00	ng	0.00
86) Perylene-d12	23.439	264	366520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	486110	92.46	ng	0.00
7) Phenol-d6	6.846	99	633930	85.41	ng	0.00
23) Nitrobenzene-d5	8.822	82	454671	61.89	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	161007	90.12	ng	0.00
45) 2-Fluorobiphenyl	12.928	172	728642	56.79	ng	0.00
79) Terphenyl-d14	19.680	244	788242	44.95	ng	0.00
Target Compounds						
75) Fluoranthene	19.110	202	45871	2.04	ng	Qvalue 96

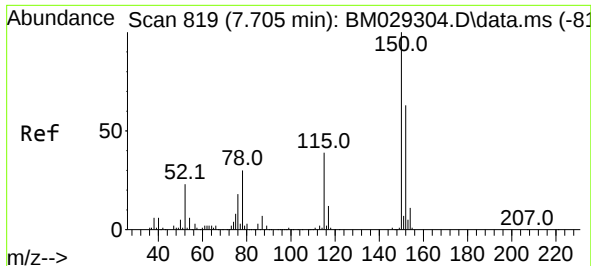
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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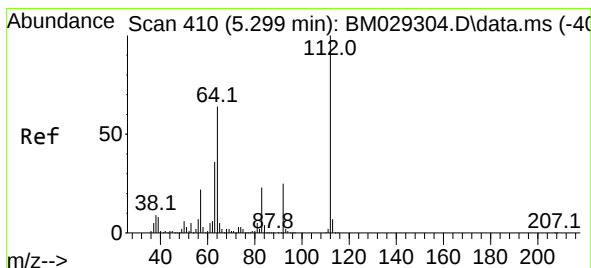
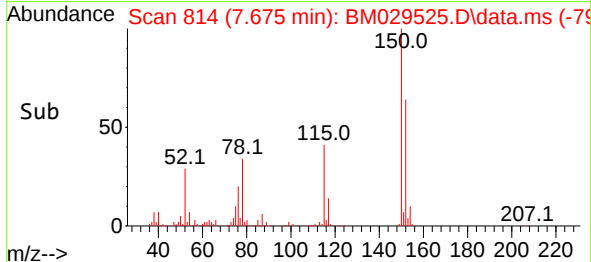
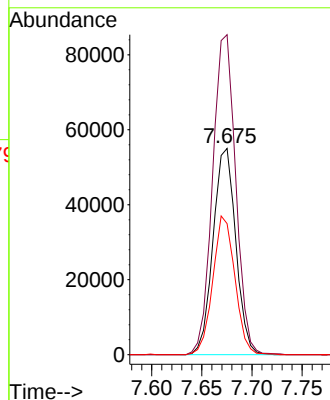
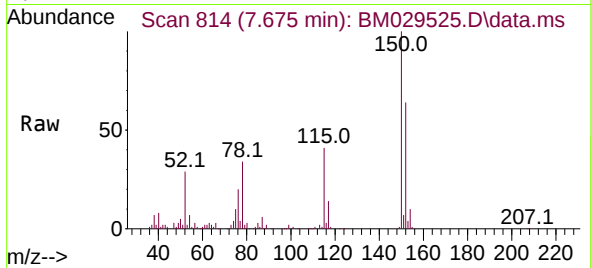




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM029525.D
Acq: 16 Apr 2021 17:07

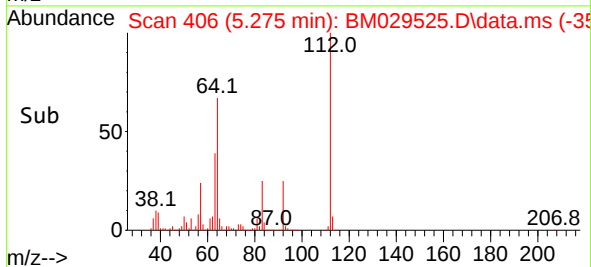
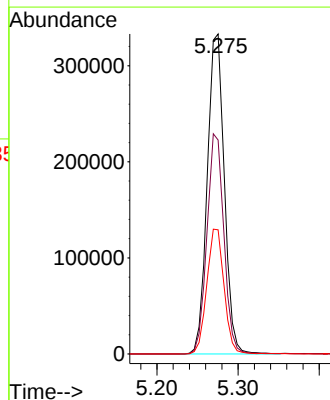
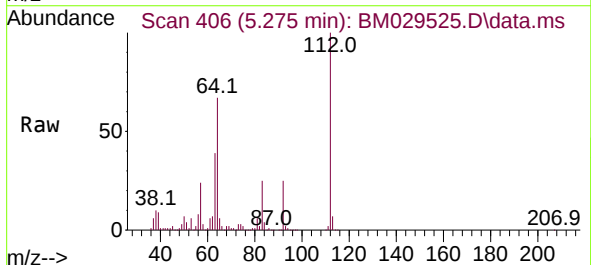
Instrument :
BNA_M
ClientSampleId :
SB-02-0-2.0

Tgt Ion:152 Resp: 86807
Ion Ratio Lower Upper
152 100
150 155.2 124.3 186.5
115 63.5 46.4 69.6



#5
2-Fluorophenol
Concen: 92.46 ng
RT: 5.275 min Scan# 406
Delta R.T. 0.006 min
Lab File: BM029525.D
Acq: 16 Apr 2021 17:07

Tgt Ion:112 Resp: 486110
Ion Ratio Lower Upper
112 100
64 66.8 51.6 77.4
63 38.8 29.0 43.4

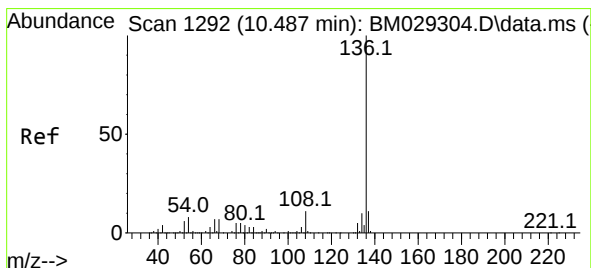
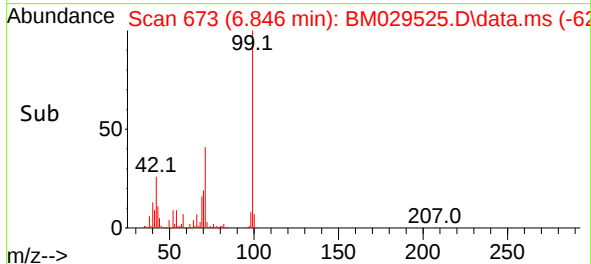
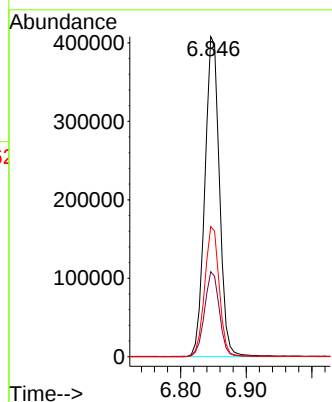
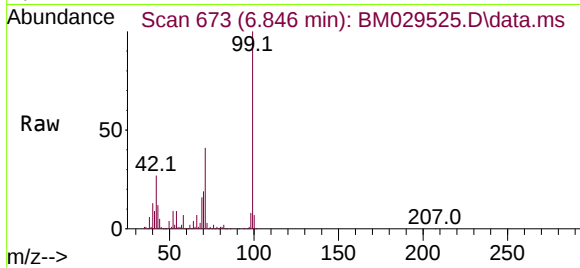




#7
Phenol-d6
Concen: 85.41 ng
RT: 6.846 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM029525.D
Acq: 16 Apr 2021 17:07

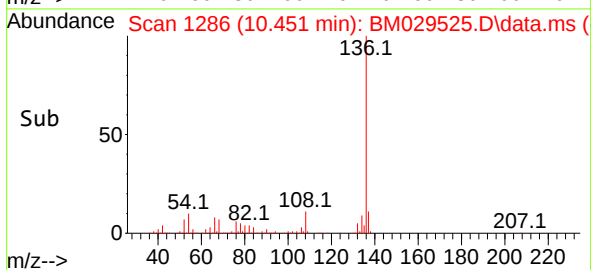
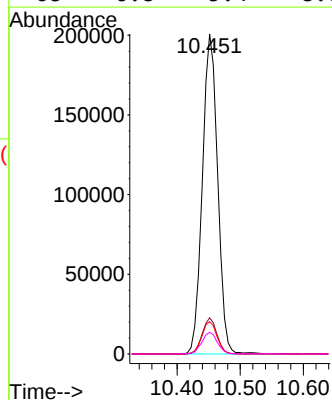
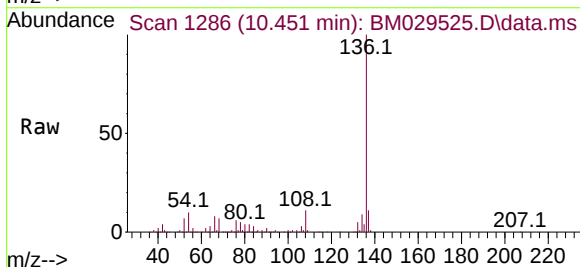
Instrument :
BNA_M
ClientSampleId :
SB-02-0-2.0

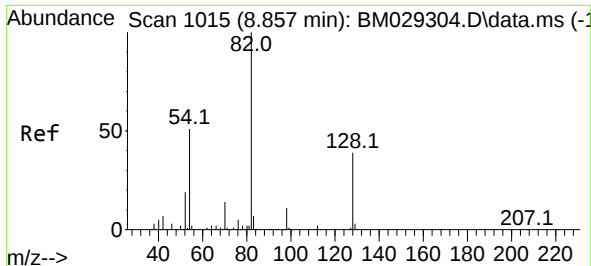
Tgt Ion: 99 Resp: 633930
Ion Ratio Lower Upper
99 100
42 26.6 18.5 27.7
71 40.6 31.8 47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM029525.D
Acq: 16 Apr 2021 17:07

Tgt Ion: 136 Resp: 336813
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 10.1 6.9 10.3
68 6.8 5.4 8.0

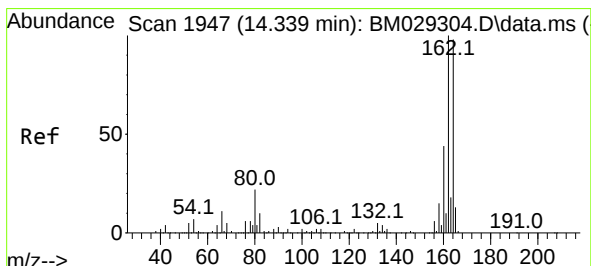
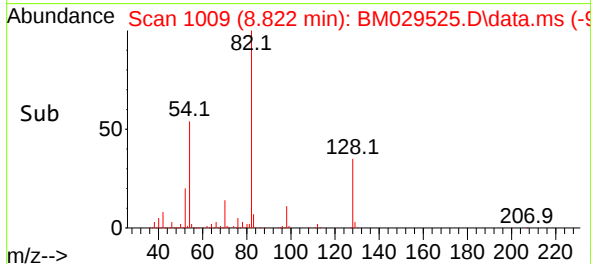
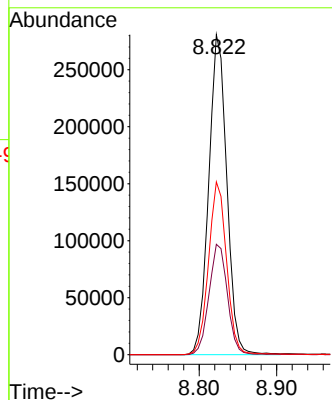
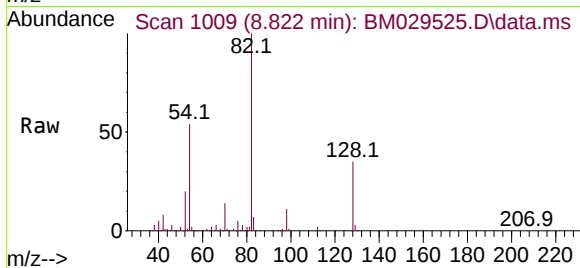




#23
Nitrobenzene-d5
Concen: 61.89 ng
RT: 8.822 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM029525.D
Acq: 16 Apr 2021 17:07

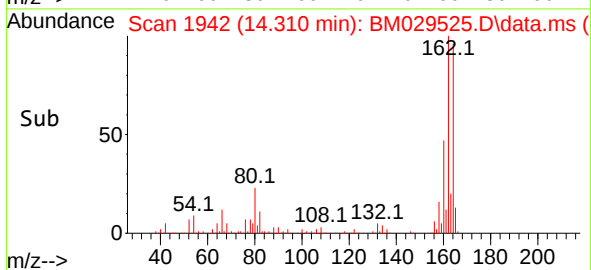
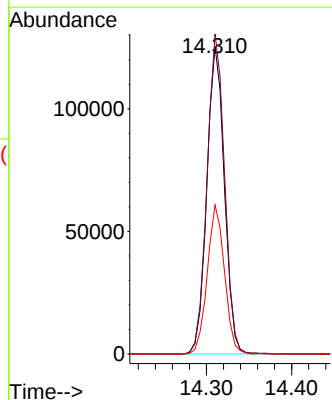
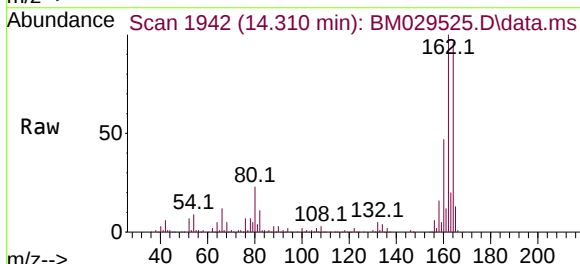
Instrument :
BNA_M
ClientSampleId :
SB-02-0-2.0

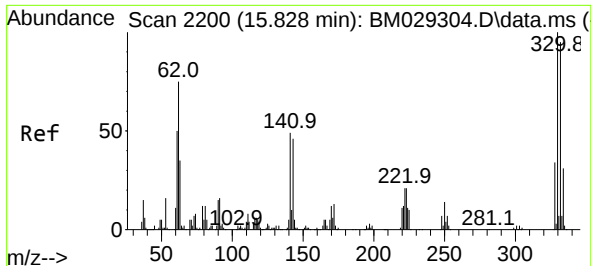
Tgt Ion: 82 Resp: 454671
Ion Ratio Lower Upper
82 100
128 34.5 28.6 42.8
54 54.0 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM029525.D
Acq: 16 Apr 2021 17:07

Tgt Ion:164 Resp: 178749
Ion Ratio Lower Upper
164 100
162 104.1 84.4 126.6
160 48.4 36.6 54.8

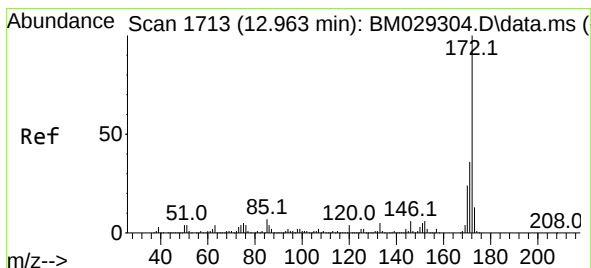
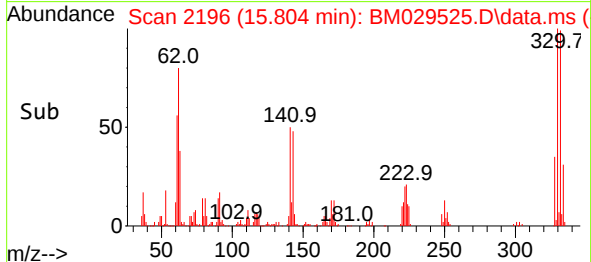
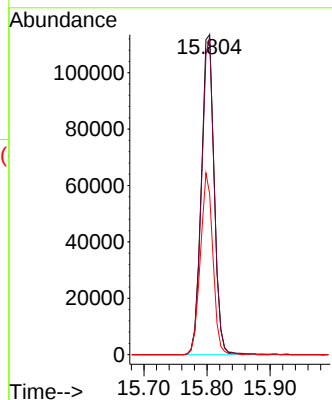
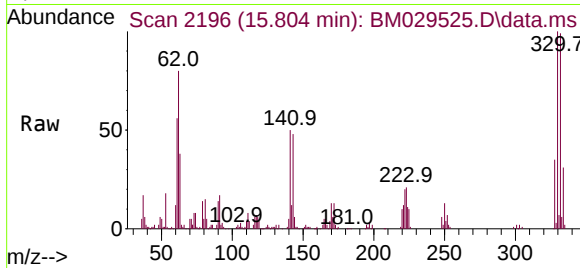




#42
2,4,6-Tribromophenol
Concen: 90.12 ng
RT: 15.804 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM029525.D
Acq: 16 Apr 2021 17:07

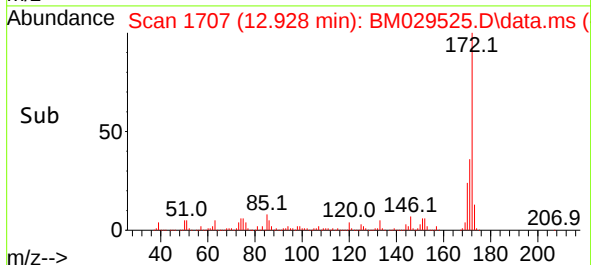
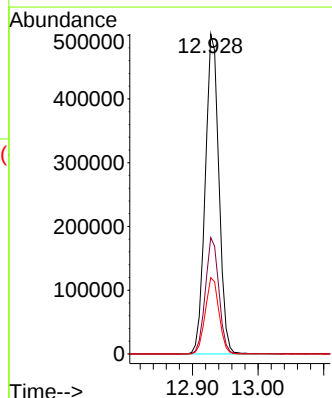
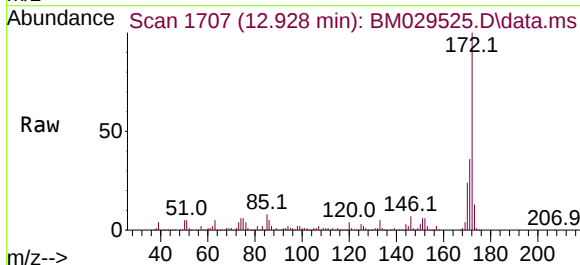
Instrument :
BNA_M
ClientSampleId :
SB-02-0-2.0

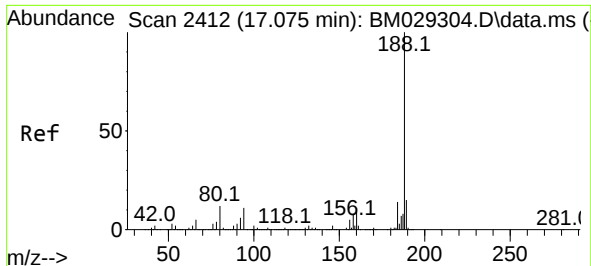
Tgt Ion:330 Resp: 161007
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 55.0 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 56.79 ng
RT: 12.928 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM029525.D
Acq: 16 Apr 2021 17:07

Tgt Ion:172 Resp: 728642
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 23.9 18.8 28.2

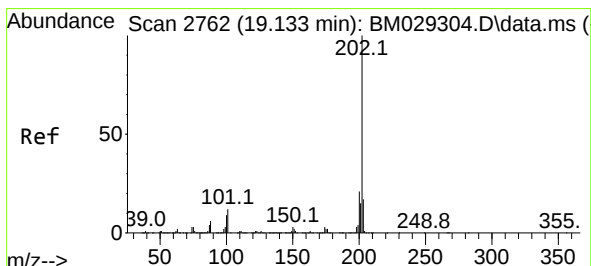
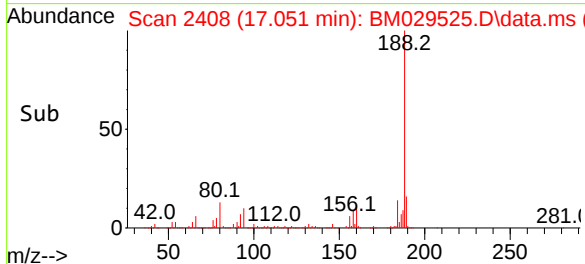
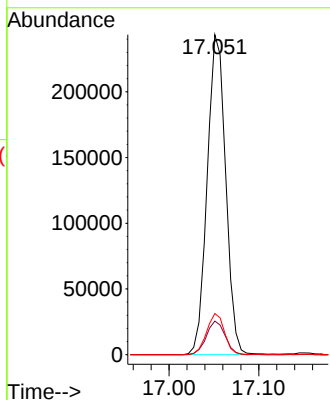
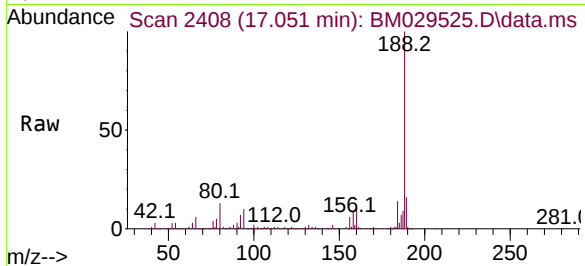




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.051 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM029525.D
Acq: 16 Apr 2021 17:07

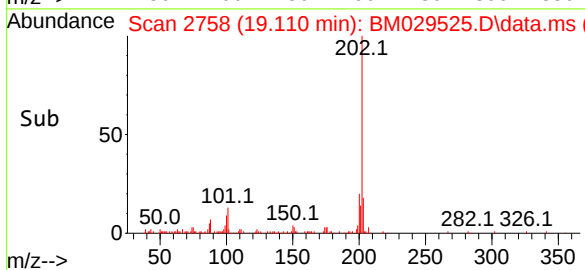
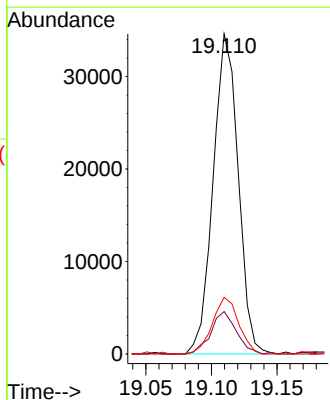
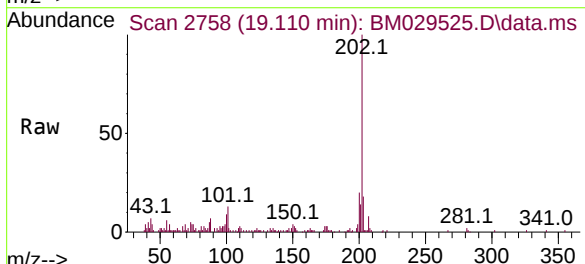
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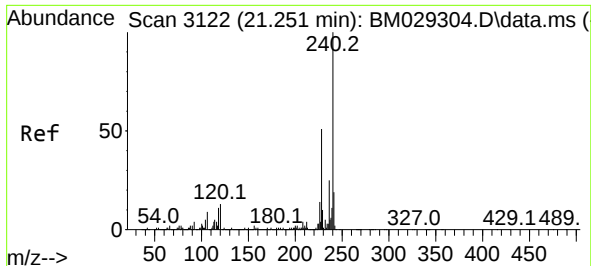
Tgt Ion:188 Resp: 348610
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 12.8 9.2 13.8



#75
Fluoranthene
Concen: 2.04 ng
RT: 19.110 min Scan# 2758
Delta R.T. -0.006 min
Lab File: BM029525.D
Acq: 16 Apr 2021 17:07

Tgt Ion:202 Resp: 45871
Ion Ratio Lower Upper
202 100
101 15.2 0.0 31.5
203 17.7 0.0 37.7

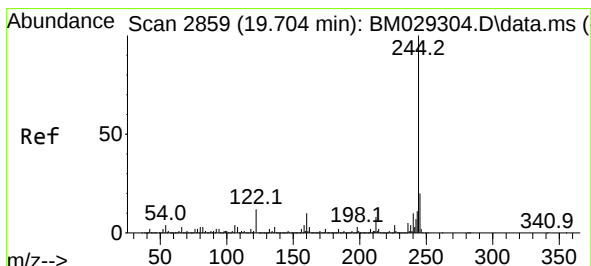
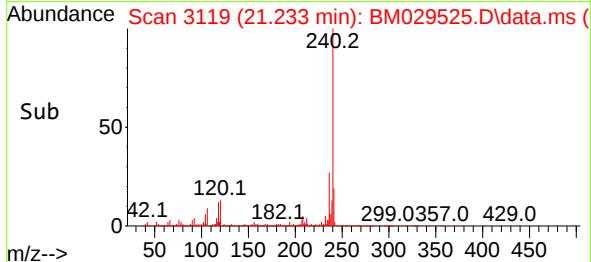
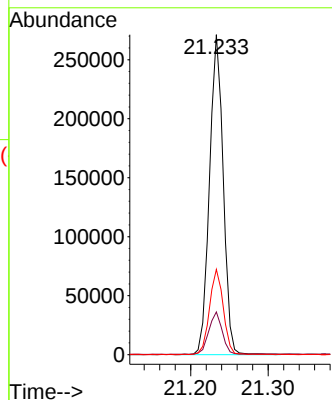
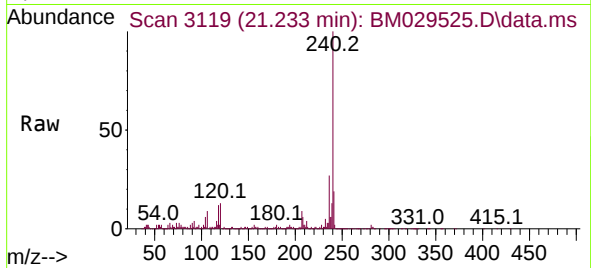




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.233 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM029525.D
Acq: 16 Apr 2021 17:07

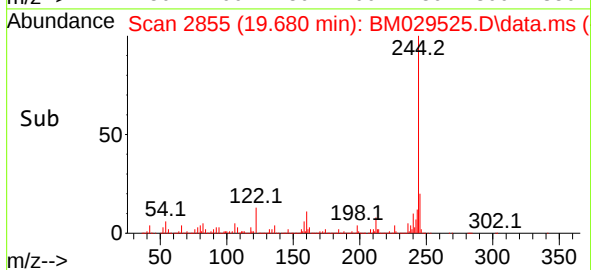
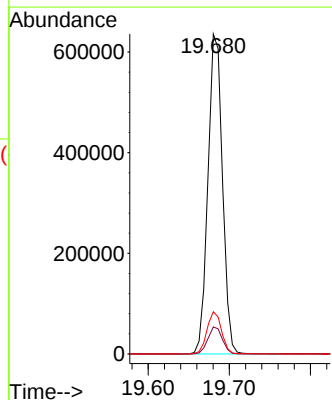
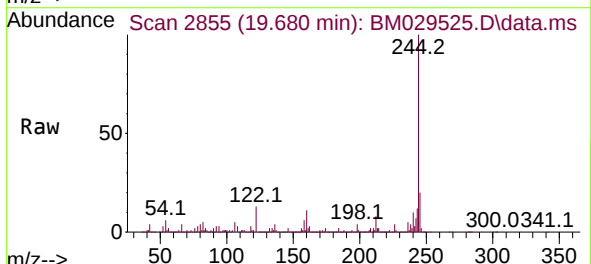
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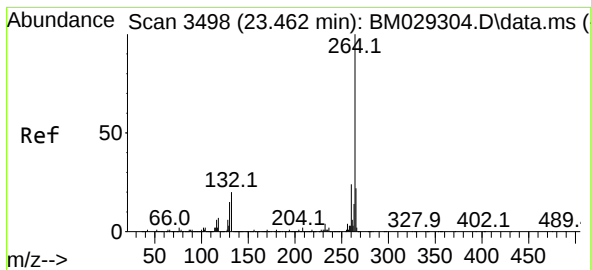
Tgt Ion:240 Resp: 333089
Ion Ratio Lower Upper
240 100
120 13.4 9.0 13.6
236 26.7 20.3 30.5



#79
Terphenyl-d14
Concen: 44.95 ng
RT: 19.680 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BM029525.D
Acq: 16 Apr 2021 17:07

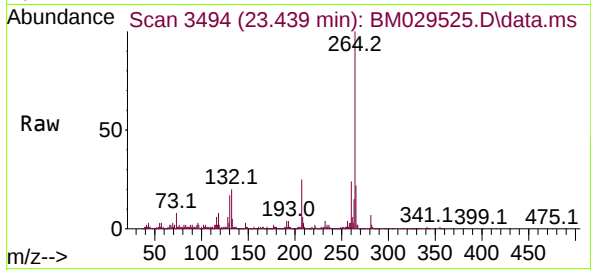
Tgt Ion:244 Resp: 788242
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 13.2 9.2 13.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.439 min Scan# 3494
 Delta R.T. 0.000 min
 Lab File: BM029525.D
 Acq: 16 Apr 2021 17:07

Instrument :
 BNA_M
 ClientSampleId :
 SB-02-0-2.0



Tgt Ion:264 Resp: 366520
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 22.1 17.8 26.8

