

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029618.D
 Acq On : 23 Apr 2021 18:18
 Operator : CG/JU
 Sample : M2151-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PE-4

Quant Time: Apr 26 02:10:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 22 15:55:11 2021
 Response via : Initial Calibration

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

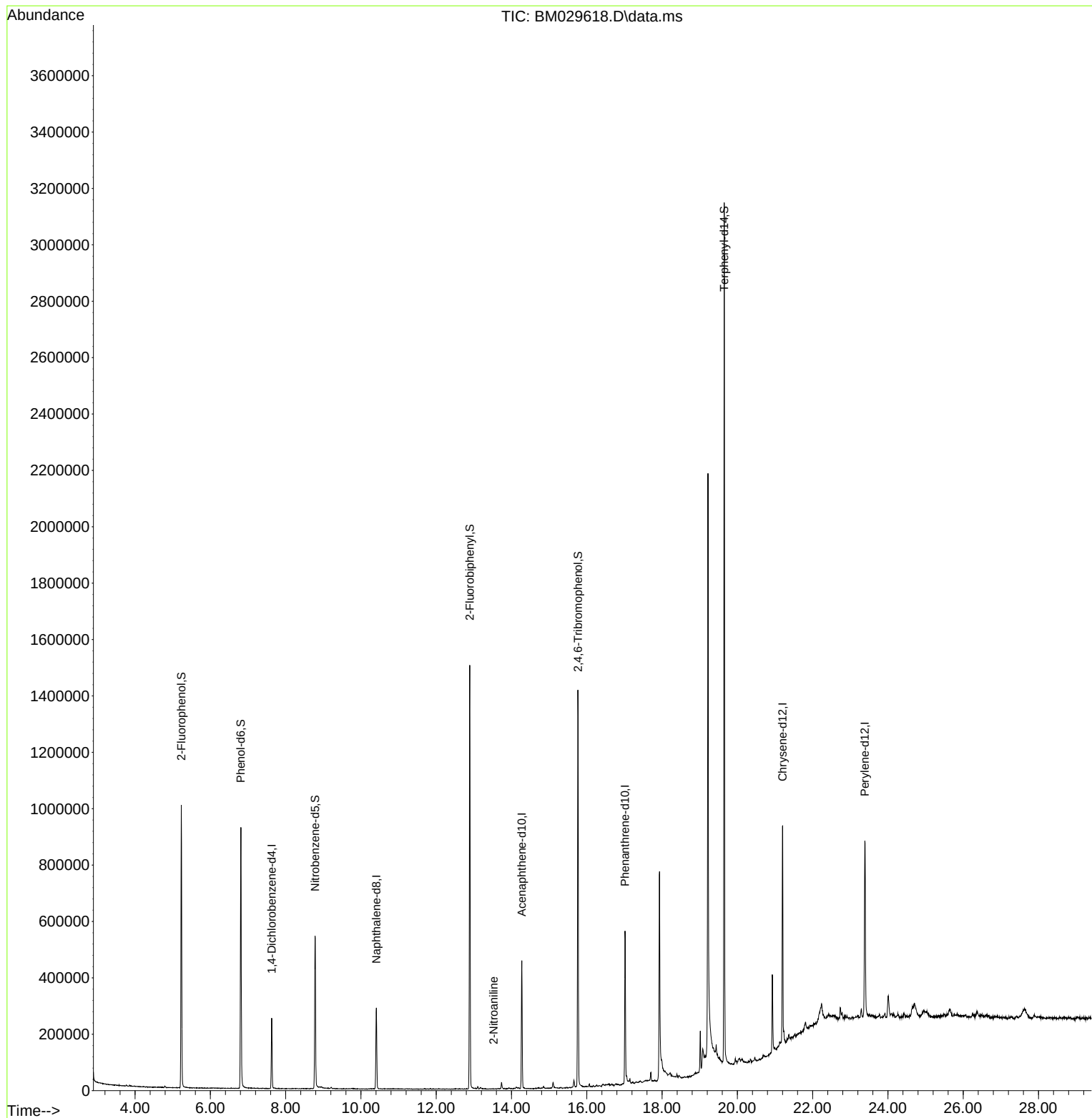
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	68653	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	231428	20.00	ng	0.00
39) Acenaphthene-d10	14.274	164	148676	20.00	ng	0.00
64) Phenanthrene-d10	17.015	188	324721	20.00	ng	0.00
76) Chrysene-d12	21.203	240	377656	20.00	ng	0.00
86) Perylene-d12	23.385	264	429872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	390458	114.02	ng	0.00
7) Phenol-d6	6.810	99	472072	92.30	ng	0.00
23) Nitrobenzene-d5	8.781	82	320894	71.41	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	243387	118.37	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	784709	71.64	ng	0.00
79) Terphenyl-d14	19.650	244	1345454	67.54	ng	0.00
Target Compounds						
48) 2-Nitroaniline	13.527	65	55	2.88	ng	Qvalue # 4

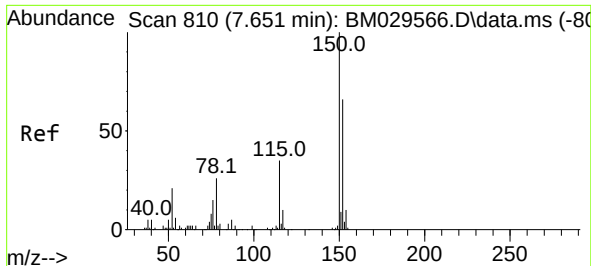
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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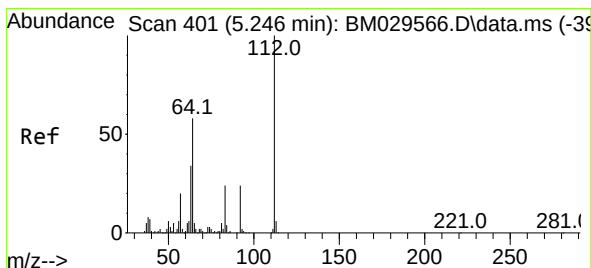
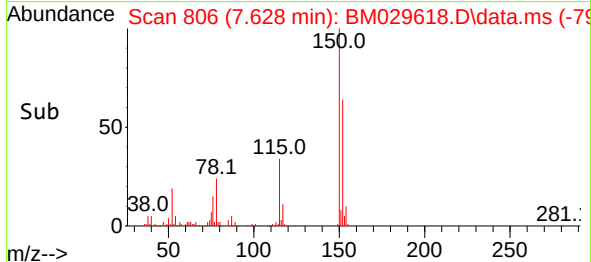
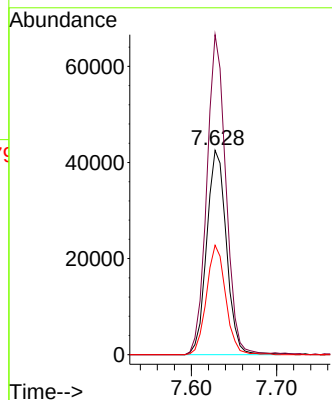
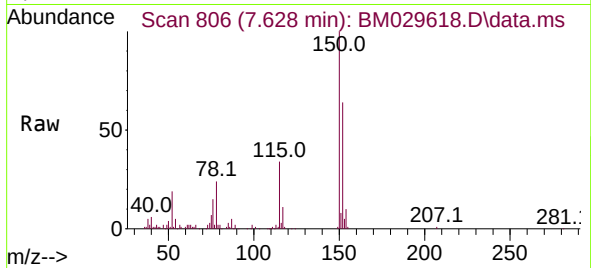




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.628 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM029618.D
Acq: 23 Apr 2021 18:18

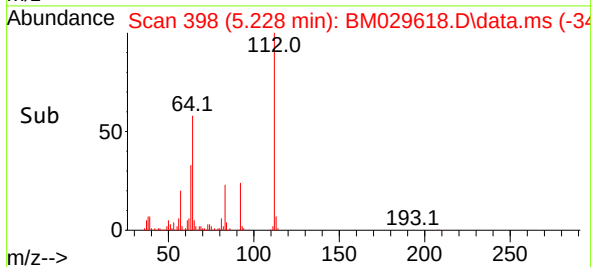
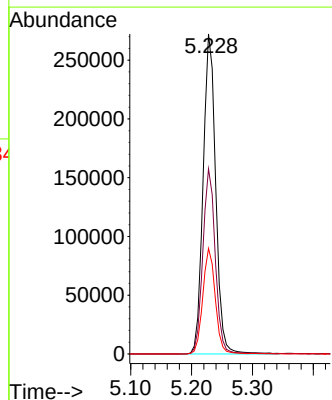
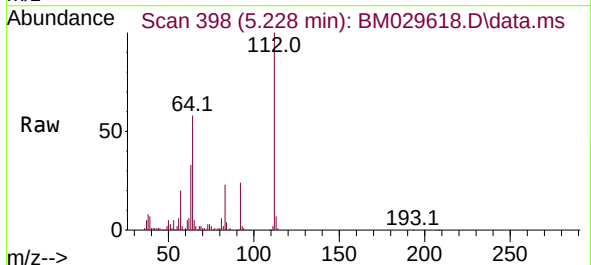
Instrument :
BNA_M
ClientSampleId :
PE-4

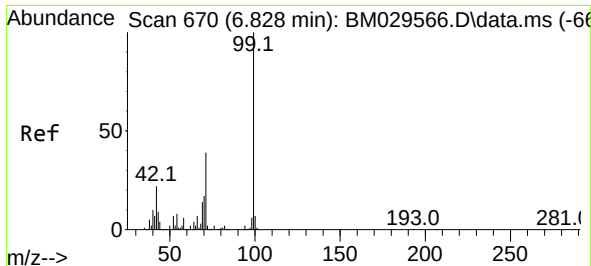
Tgt Ion:152 Resp: 68653
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 53.5 44.6 67.0



#5
2-Fluorophenol
Concen: 114.02 ng
RT: 5.228 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM029618.D
Acq: 23 Apr 2021 18:18

Tgt Ion:112 Resp: 390458
Ion Ratio Lower Upper
112 100
64 57.8 47.1 70.7
63 33.0 27.3 40.9

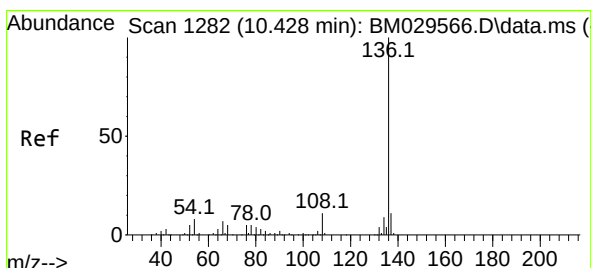
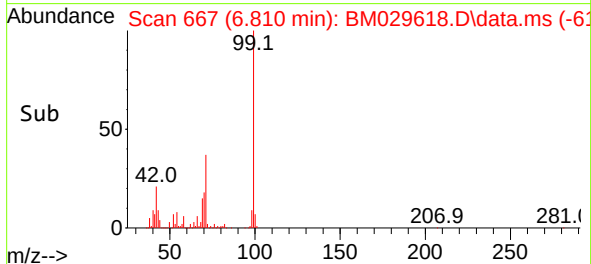
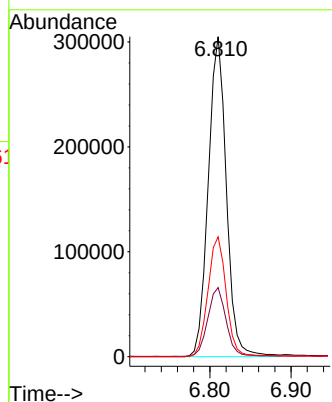
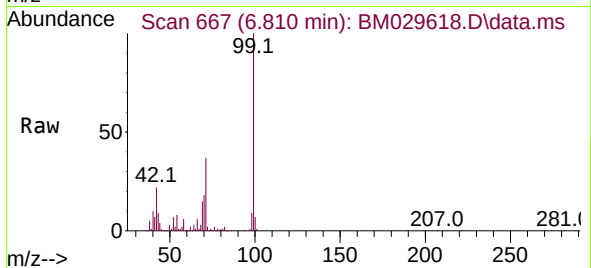




#7
Phenol-d6
Concen: 92.30 ng
RT: 6.810 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM029618.D
Acq: 23 Apr 2021 18:18

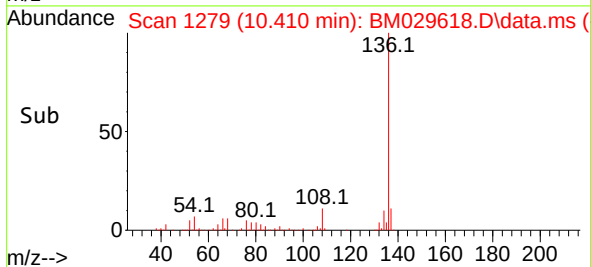
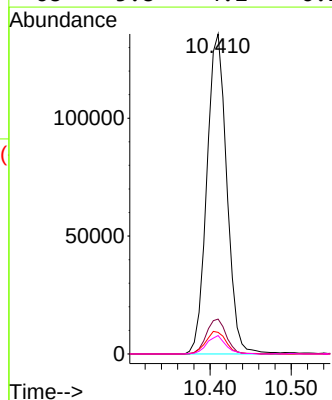
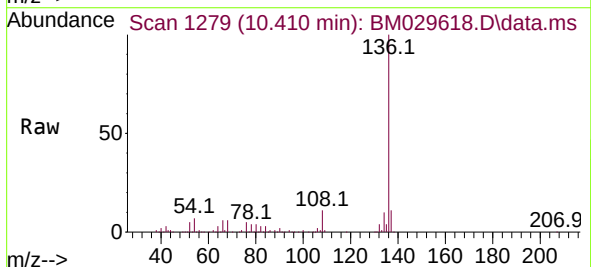
Instrument :
BNA_M
ClientSampleId :
PE-4

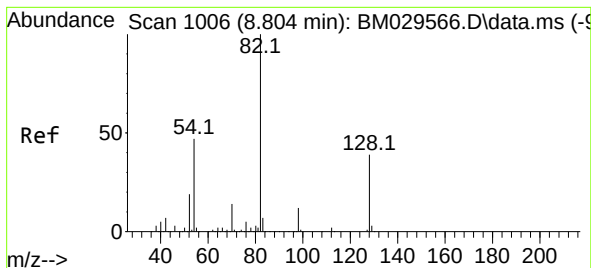
Tgt Ion:	99	Resp:	472072
Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.0	27.0
71	37.5	30.9	46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM029618.D
Acq: 23 Apr 2021 18:18

Tgt Ion:	136	Resp:	231428
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.8	5.5	8.3
68	5.8	4.2	6.2

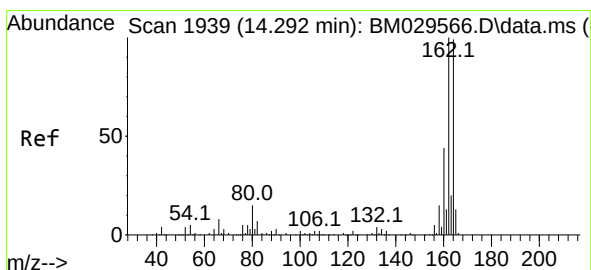
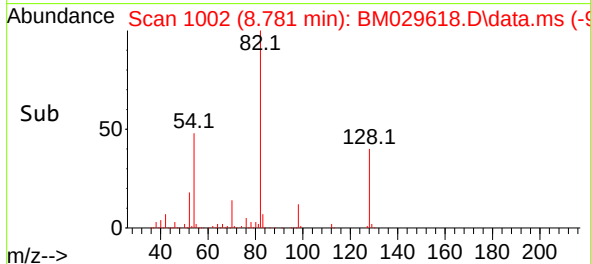
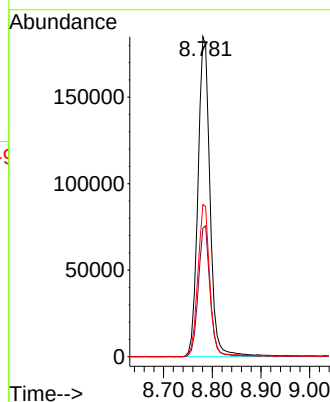
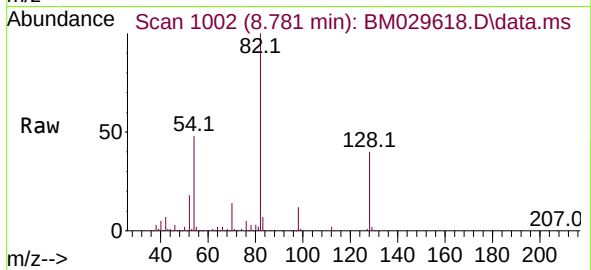




#23
Nitrobenzene-d5
Concen: 71.41 ng
RT: 8.781 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM029618.D
Acq: 23 Apr 2021 18:18

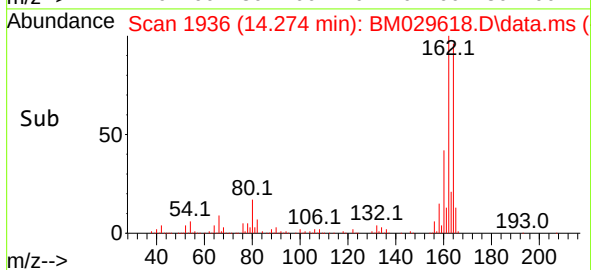
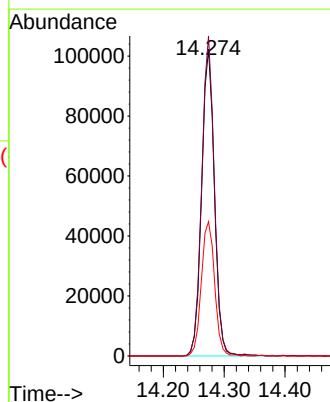
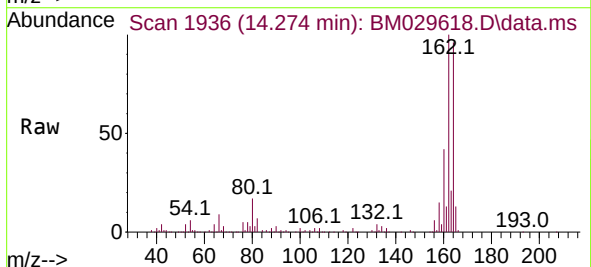
Instrument :
BNA_M
ClientSampleId :
PE-4

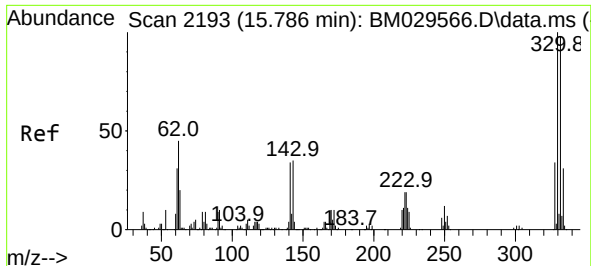
Tgt Ion: 82 Resp: 320894
Ion Ratio Lower Upper
82 100
128 40.2 31.1 46.7
54 47.5 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.274 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM029618.D
Acq: 23 Apr 2021 18:18

Tgt Ion: 164 Resp: 148676
Ion Ratio Lower Upper
164 100
162 104.3 83.4 125.0
160 43.8 37.2 55.8

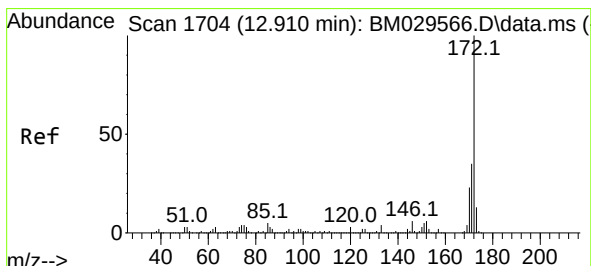
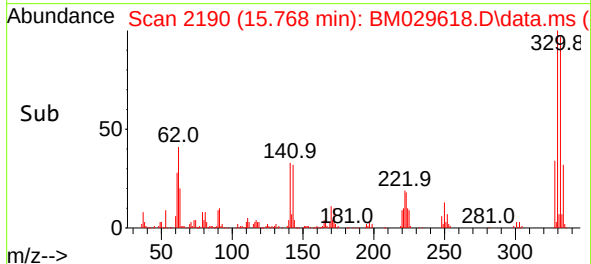
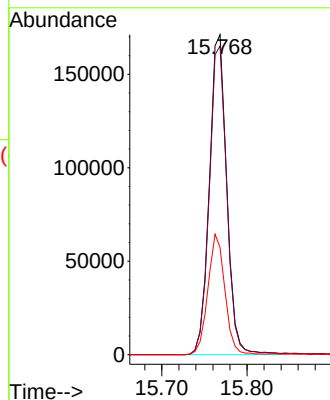
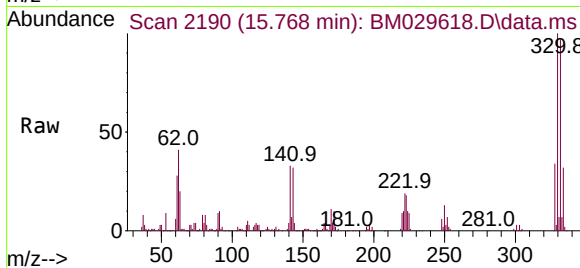




#42
2,4,6-Tribromophenol
Concen: 118.37 ng
RT: 15.768 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BM029618.D
Acq: 23 Apr 2021 18:18

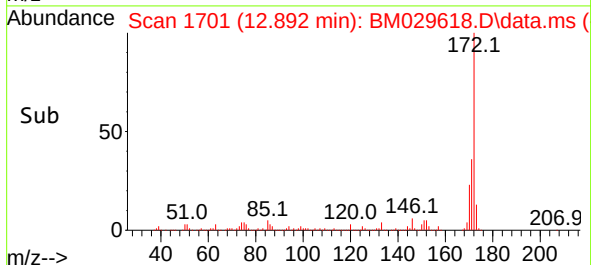
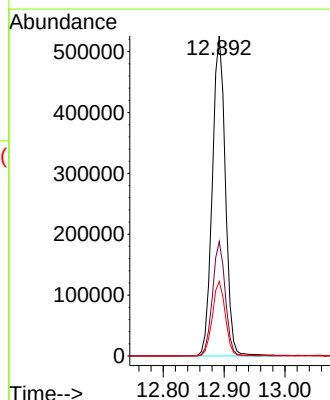
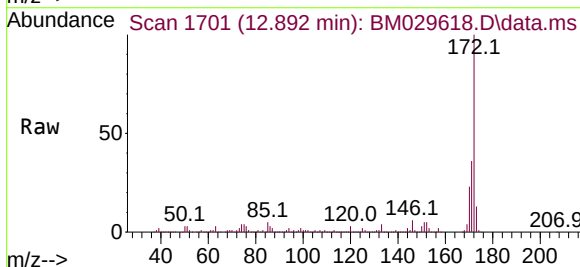
Instrument :
BNA_M
ClientSampleId :
PE-4

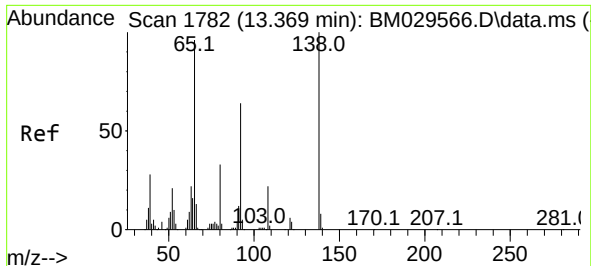
Tgt Ion:330 Resp: 243387
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.4
141 36.8 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 71.64 ng
RT: 12.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM029618.D
Acq: 23 Apr 2021 18:18

Tgt Ion:172 Resp: 784709
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.2 18.4 27.6

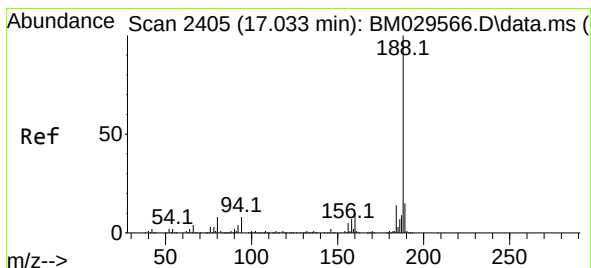
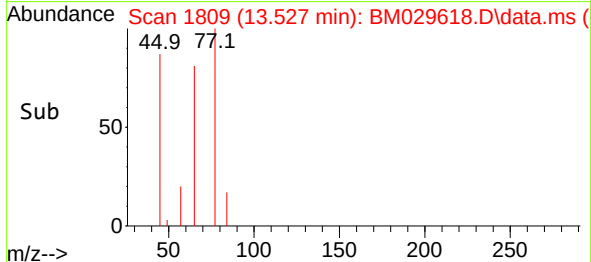
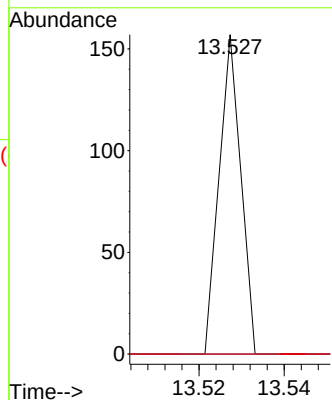
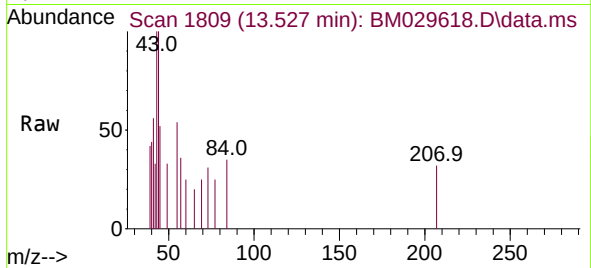




#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.527 min Scan# 1809
Delta R.T. 0.170 min
Lab File: BM029618.D
Acq: 23 Apr 2021 18:18

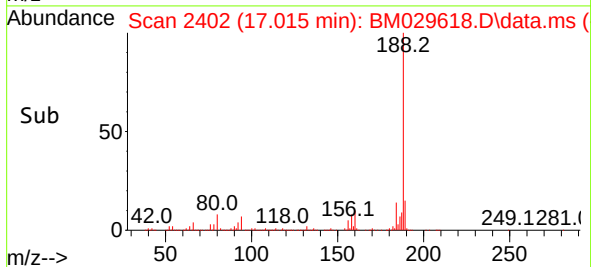
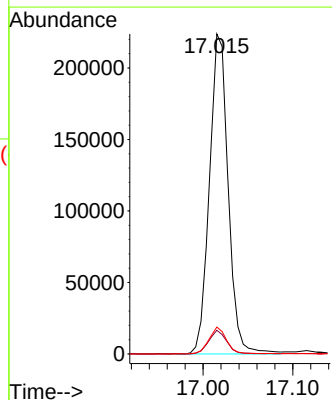
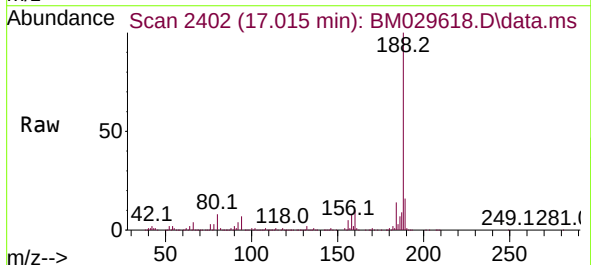
Instrument :
BNA_M
ClientSampleId :
PE-4

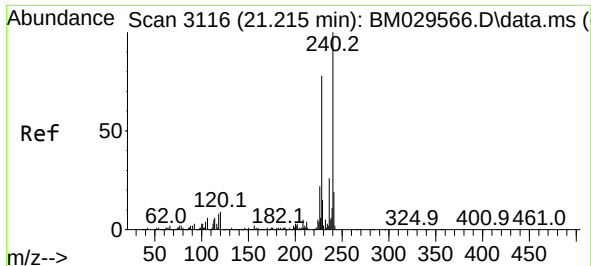
Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.015 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM029618.D
Acq: 23 Apr 2021 18:18

Tgt Ion:188 Resp: 324721
Ion Ratio Lower Upper
188 100
94 7.4 6.0 9.0
80 8.4 6.6 9.8

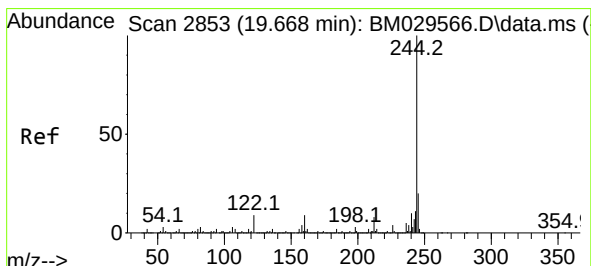
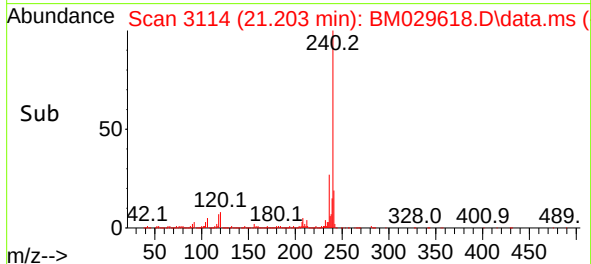
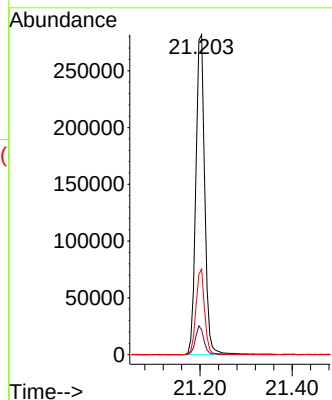
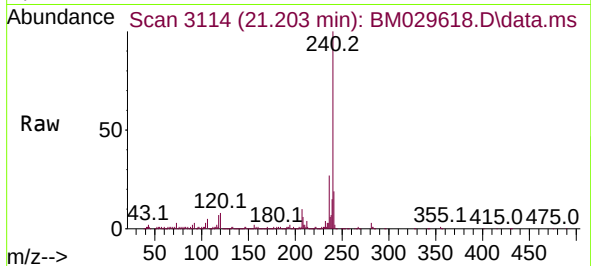




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM029618.D
Acq: 23 Apr 2021 18:18

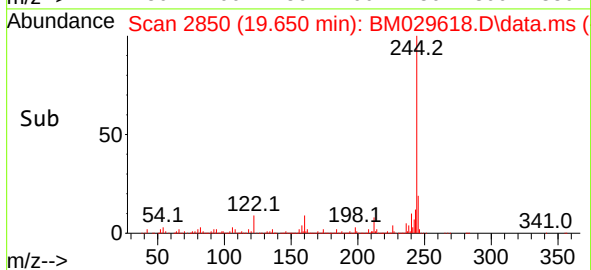
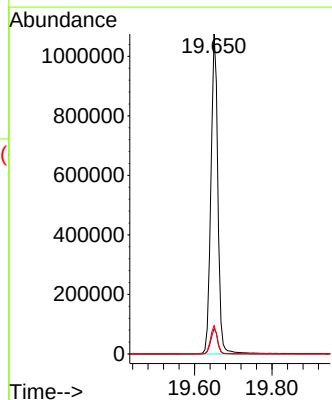
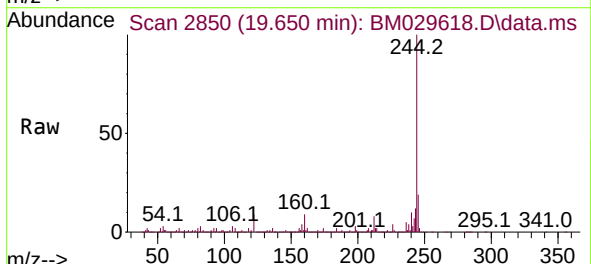
Instrument :
BNA_M
ClientSampled :
PE-4

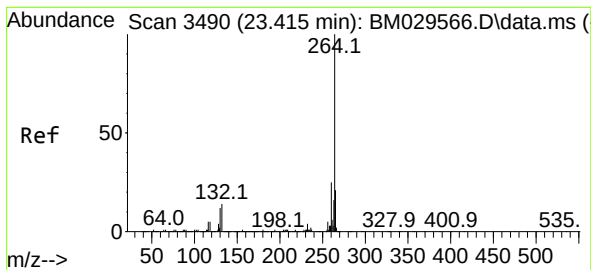
Tgt Ion:240 Resp: 377656
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.6
236 26.8 21.0 31.4



#79
Terphenyl-d14
Concen: 67.54 ng
RT: 19.650 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BM029618.D
Acq: 23 Apr 2021 18:18

Tgt Ion:244 Resp: 1345454
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.9 6.9 10.3





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.385 min Scan# 3485
 Delta R.T. -0.006 min
 Lab File: BM029618.D
 Acq: 23 Apr 2021 18:18

Instrument :
 BNA_M
 ClientSampleId :
 PE-4

Tgt Ion:264 Resp: 429872
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.8
 265 21.5 17.7 26.5

