

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
 Data File : BM029636.D
 Acq On : 24 Apr 2021 14:18
 Operator : CG/JU
 Sample : M2149-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-38-9.5-10.0

Quant Time: Apr 26 03:06:22 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)

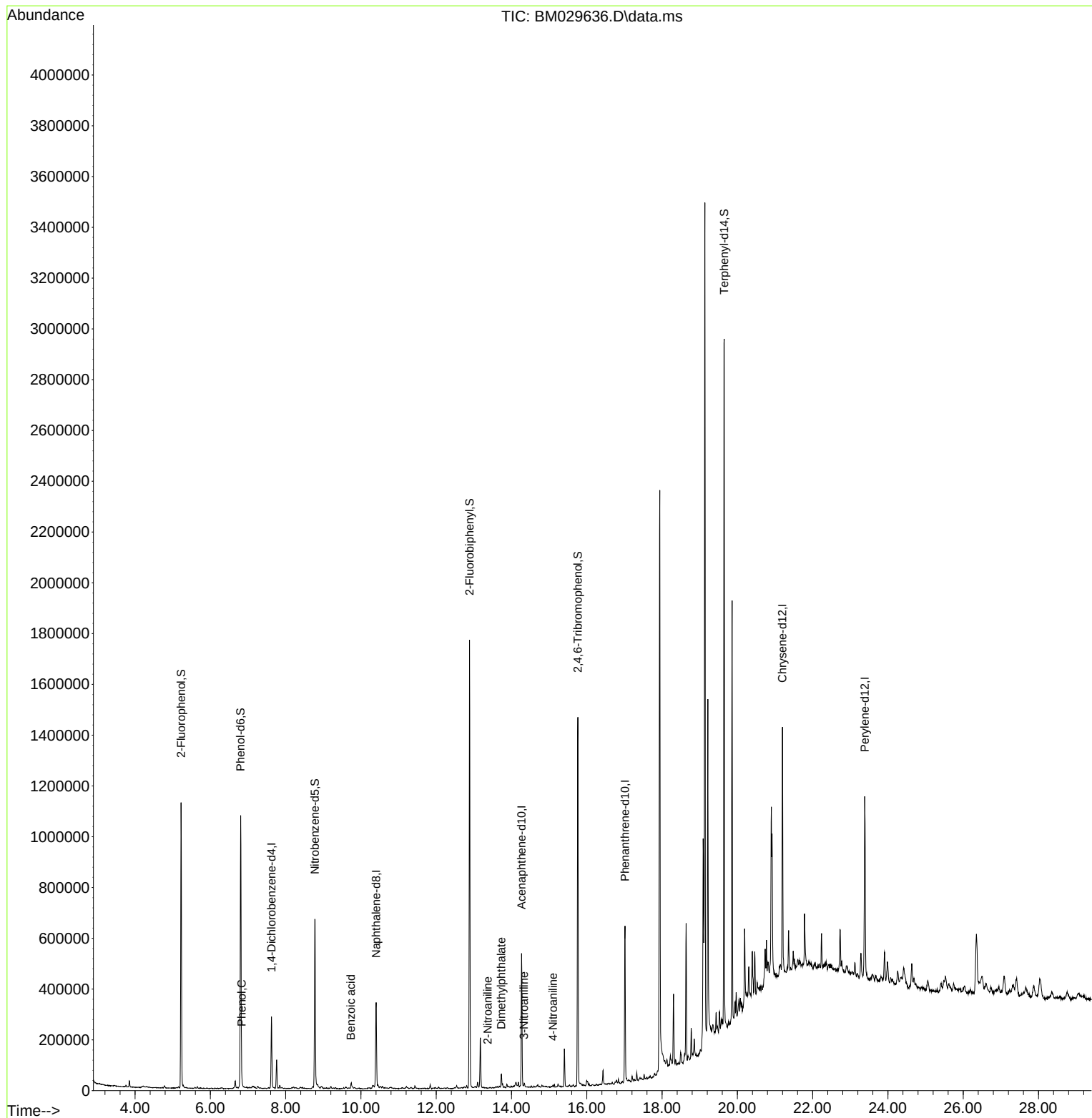
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	75744	20.00	ng	-0.01
21) Naphthalene-d8	10.404	136	266520	20.00	ng	-0.01
39) Acenaphthene-d10	14.269	164	169049	20.00	ng	-0.01
64) Phenanthrene-d10	17.015	188	362158	20.00	ng	0.00
76) Chrysene-d12	21.197	240	423136	20.00	ng	0.00
86) Perylene-d12	23.386	264	465049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	433943	114.86	ng	0.00
7) Phenol-d6	6.804	99	549688	97.41	ng	0.00
23) Nitrobenzene-d5	8.775	82	389544	75.28	ng	-0.01
42) 2,4,6-Tribromophenol	15.763	330	251046	107.38	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	898484	72.14	ng	-0.01
79) Terphenyl-d14	19.651	244	1187426	53.20	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.834	94	14391	2.63	ng	94
32) Benzoic acid	9.734	122	54	7.23	ng	88
48) 2-Nitroaniline	13.369	65	172	2.92	ng	# 4
50) Dimethylphthalate	13.733	163	34651	2.71	ng	99
53) 3-Nitroaniline	14.333	138	137	3.03	ng	# 69
62) 4-Nitroaniline	15.104	138	58	3.48	ng	# 10

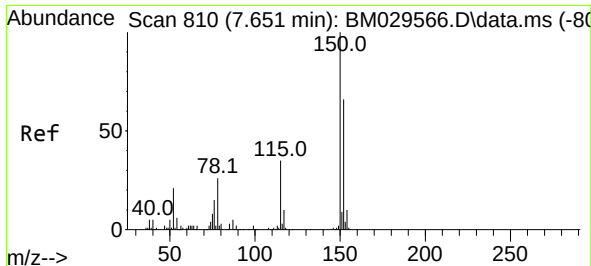
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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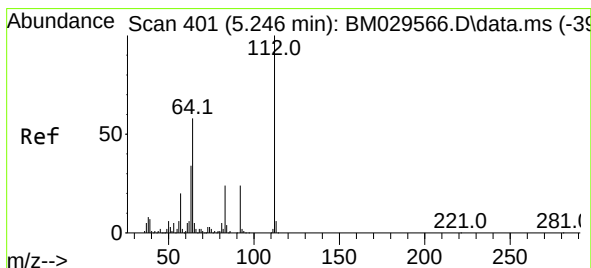
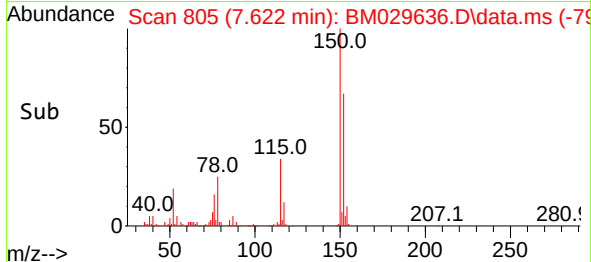
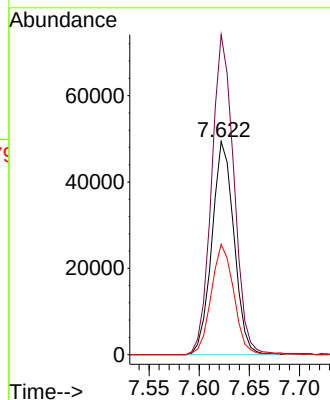
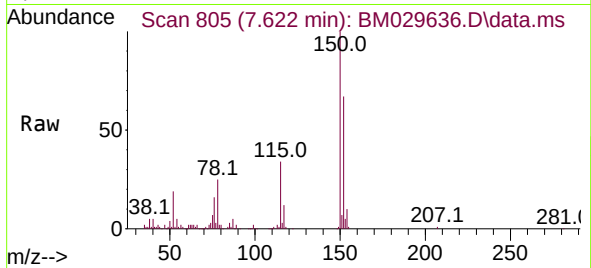




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.012 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

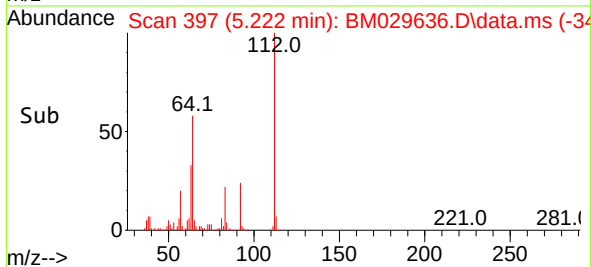
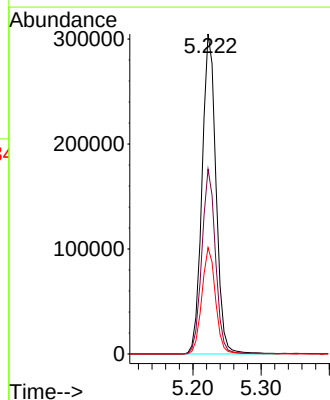
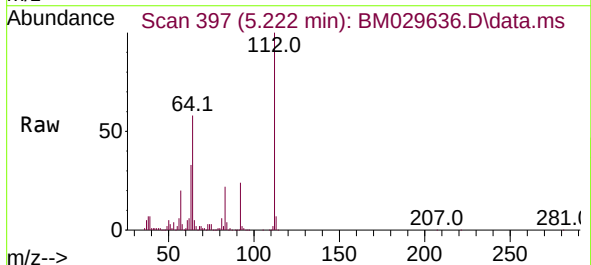
Instrument :
BNA_M
ClientSampleId :
SB-38-9.5-10.0

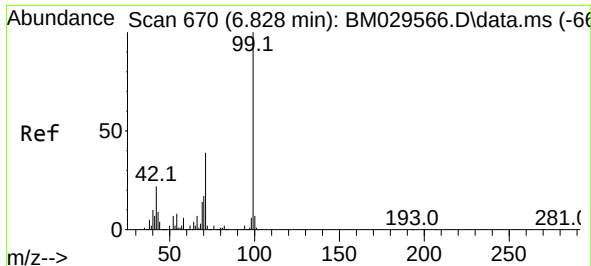
Tgt Ion:152 Resp: 75744
Ion Ratio Lower Upper
152 100
150 150.2 125.9 188.9
115 51.7 44.6 67.0



#5
2-Fluorophenol
Concen: 114.86 ng
RT: 5.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

Tgt Ion:112 Resp: 433943
Ion Ratio Lower Upper
112 100
64 57.7 47.1 70.7
63 33.2 27.3 40.9

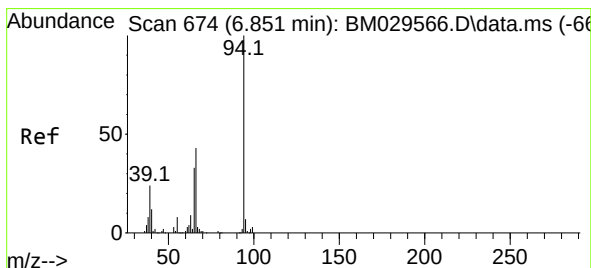
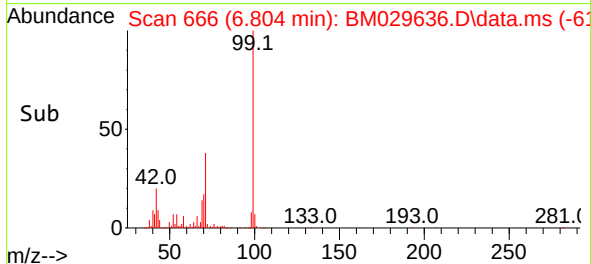
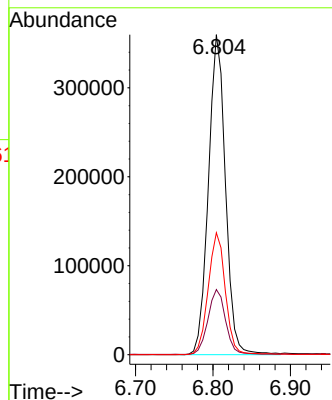
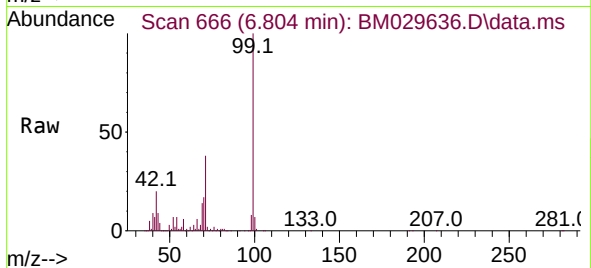




#7
Phenol-d6
Concen: 97.41 ng
RT: 6.804 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

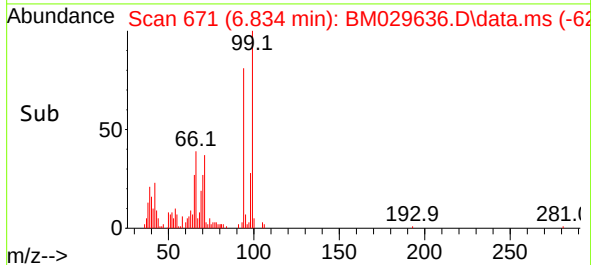
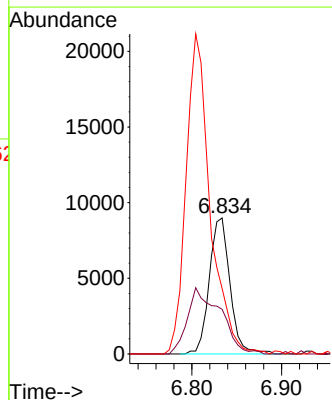
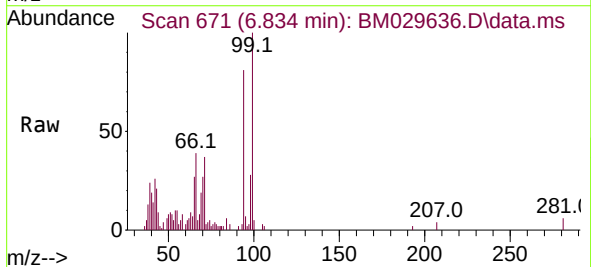
Instrument :
BNA_M
ClientSampleId :
SB-38-9.5-10.0

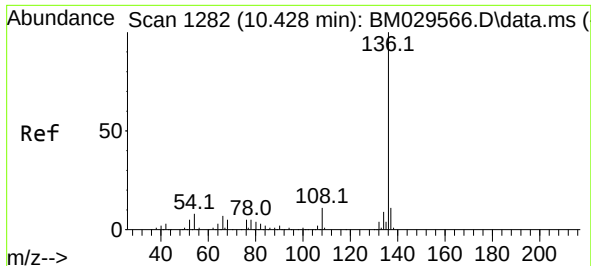
Tgt Ion: 99 Resp: 549688
Ion Ratio Lower Upper
99 100
42 20.3 18.0 27.0
71 38.1 30.9 46.3



#10
Phenol
Concen: 2.63 ng
RT: 6.834 min Scan# 671
Delta R.T. -0.006 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

Tgt Ion: 94 Resp: 14391
Ion Ratio Lower Upper
94 100
65 32.8 11.9 51.9
66 48.1 22.6 62.6

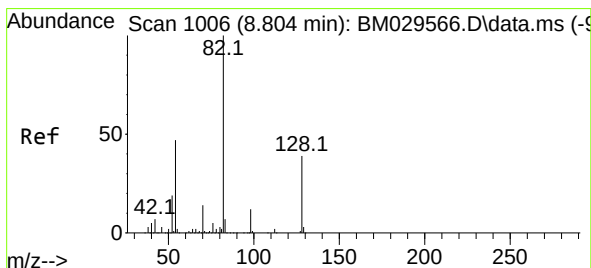
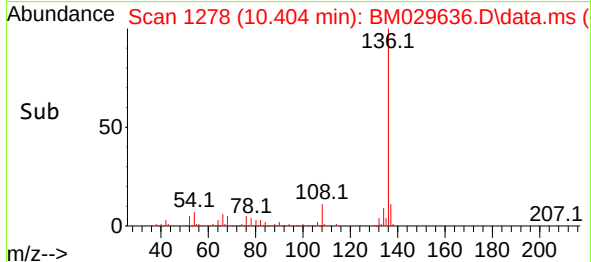
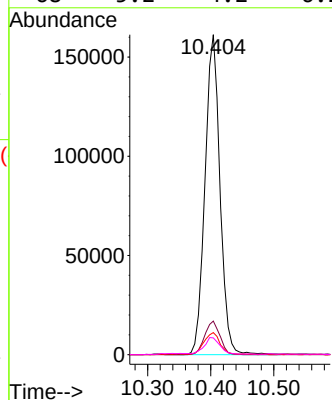
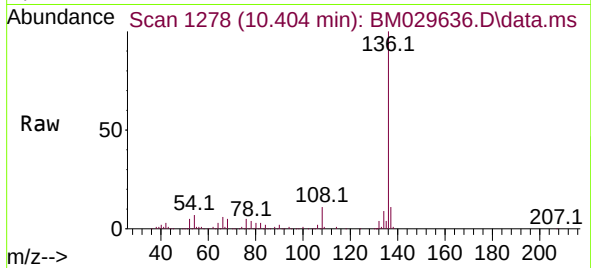




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

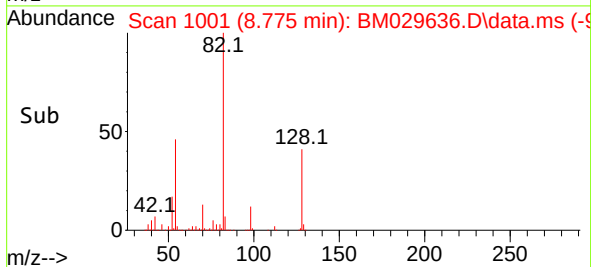
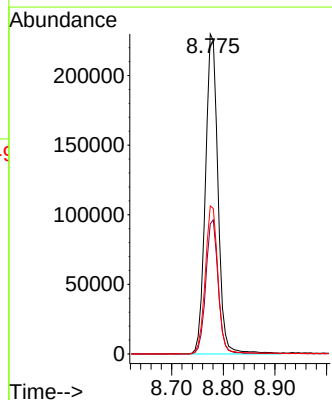
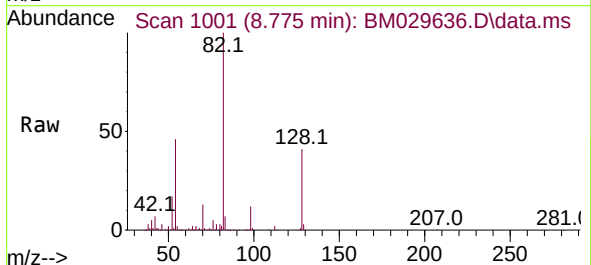
Instrument :
BNA_M
ClientSampleId :
SB-38-9.5-10.0

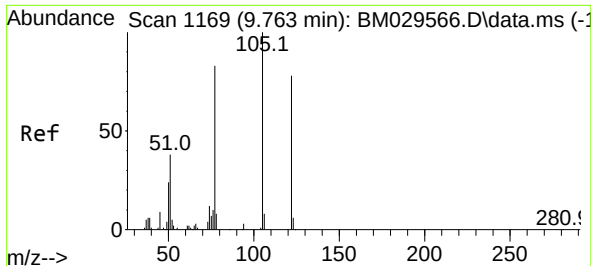
Tgt Ion:136	Resp: 266520
Ion Ratio	Lower Upper
136 100	
137 10.5	8.4 12.6
54 6.9	5.5 8.3
68 5.2	4.2 6.2



#23
Nitrobenzene-d5
Concen: 75.28 ng
RT: 8.775 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

Tgt Ion: 82	Resp: 389544
Ion Ratio	Lower Upper
82 100	
128 40.6	31.1 46.7
54 46.2	37.3 55.9

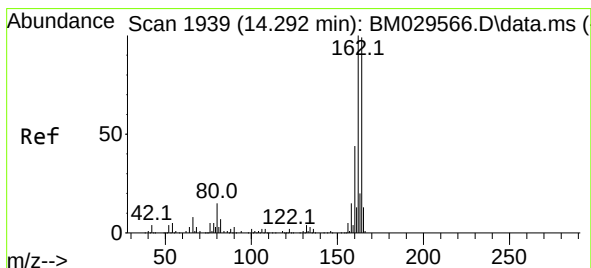
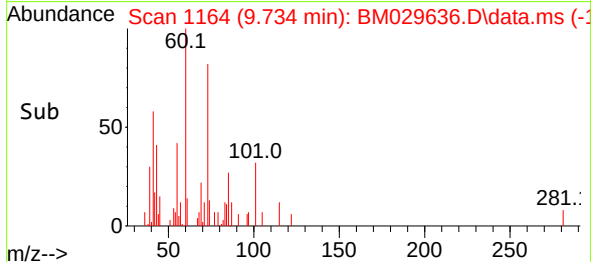
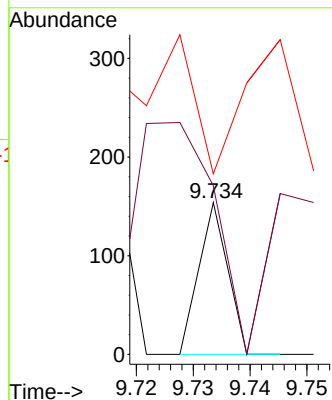
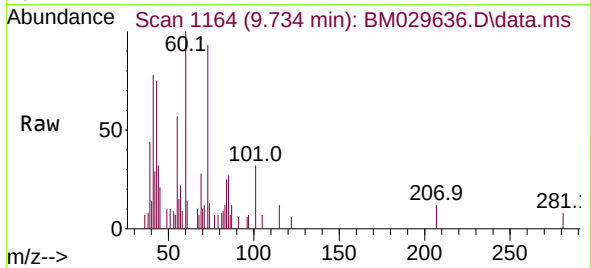




#32
Benzoic acid
Concen: 7.23 ng
RT: 9.734 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

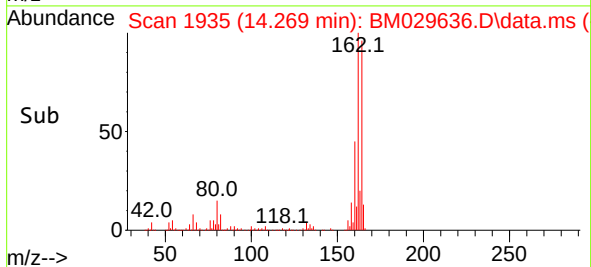
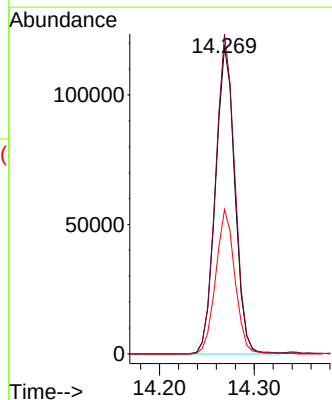
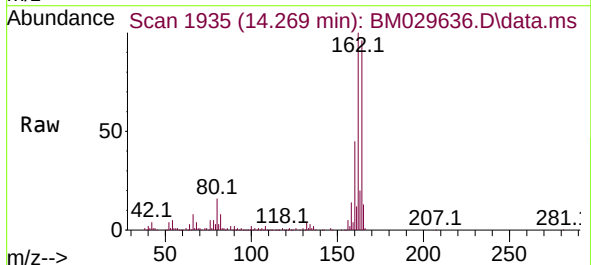
Instrument :
BNA_M
ClientSampleId :
SB-38-9.5-10.0

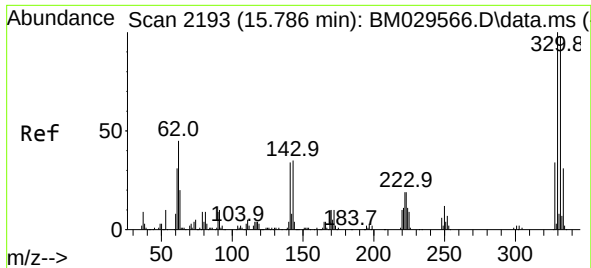
Tgt Ion:	122	Resp:	54
Ion	Ratio	Lower	Upper
122	100		
105	111.0	107.3	147.3
77	118.8	88.0	128.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.269 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

Tgt Ion:	164	Resp:	169049
Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.4	125.0
160	47.0	37.2	55.8

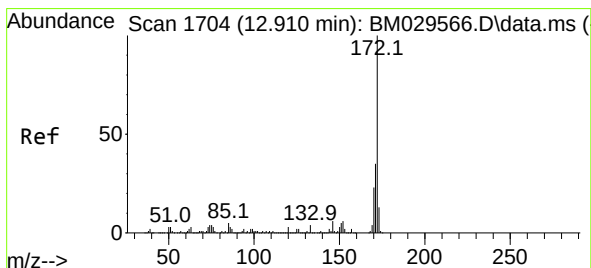
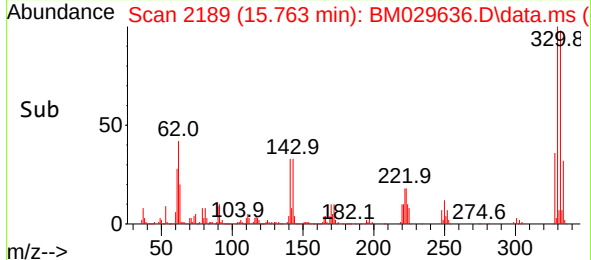
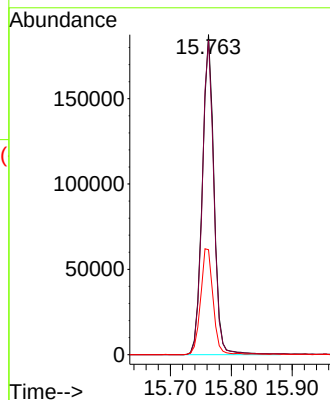
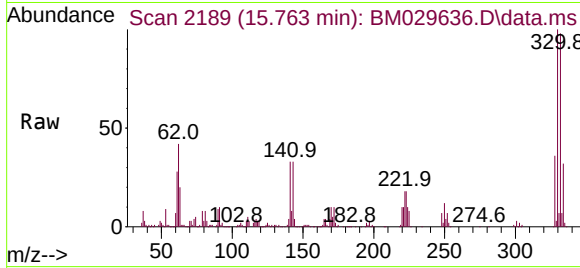




#42
2,4,6-Tribromophenol
Concen: 107.38 ng
RT: 15.763 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

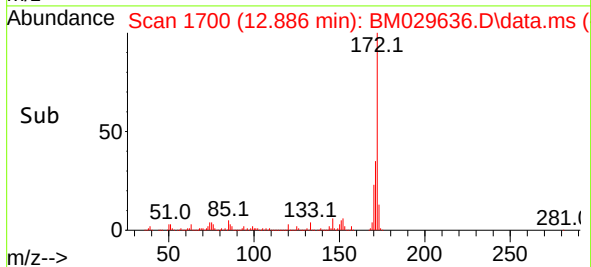
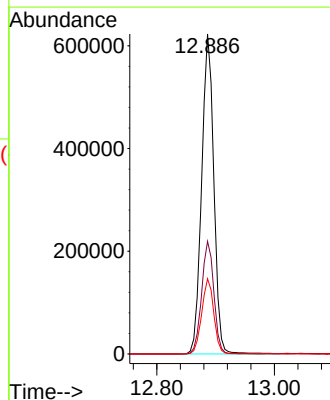
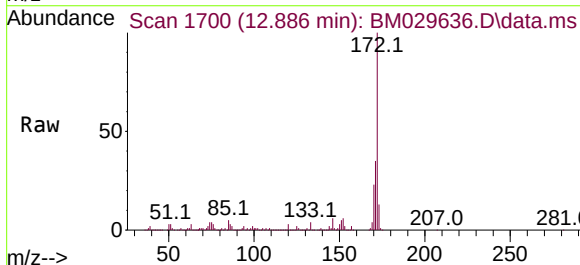
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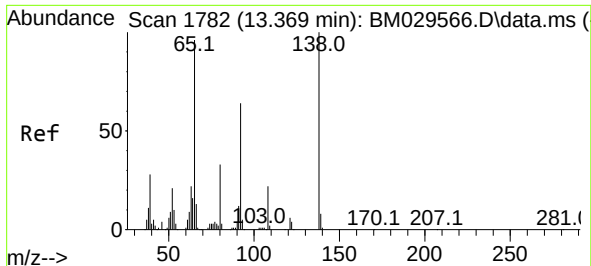
Tgt Ion:330 Resp: 251046
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 35.5 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 72.14 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

Tgt Ion:172 Resp: 898484
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 18.4 27.6

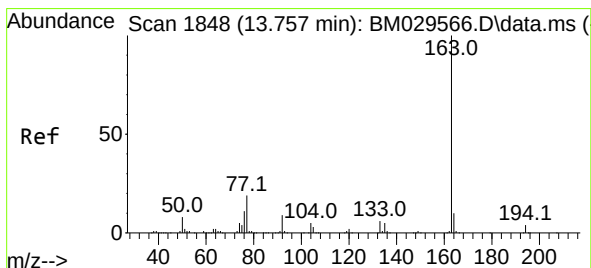
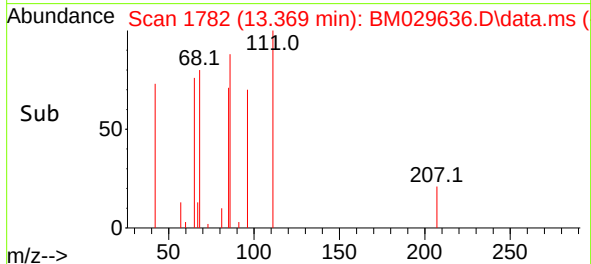
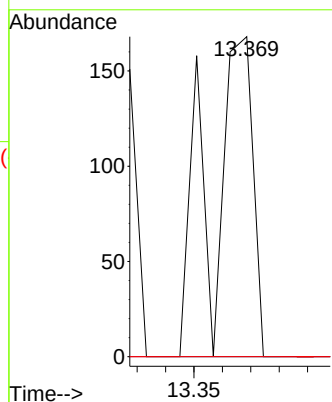
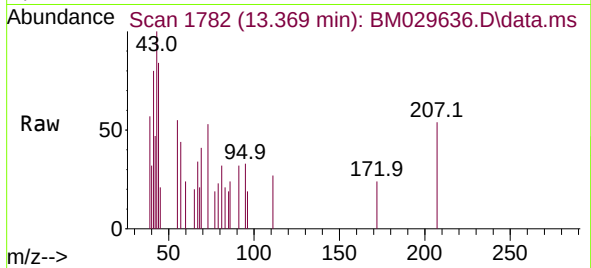




#48
2-Nitroaniline
Concen: 2.92 ng
RT: 13.369 min Scan# 1782
Delta R.T. 0.012 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

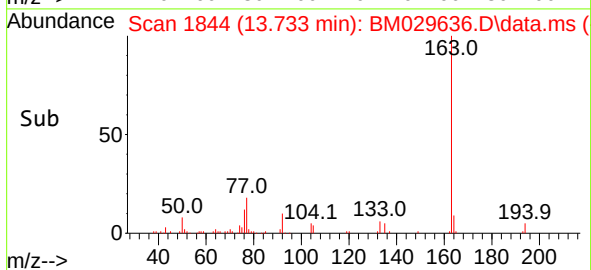
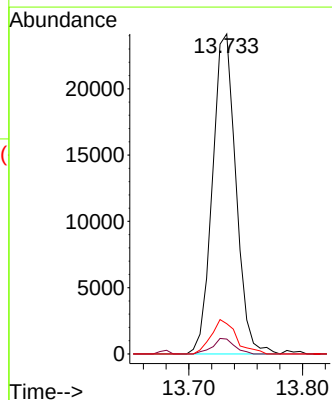
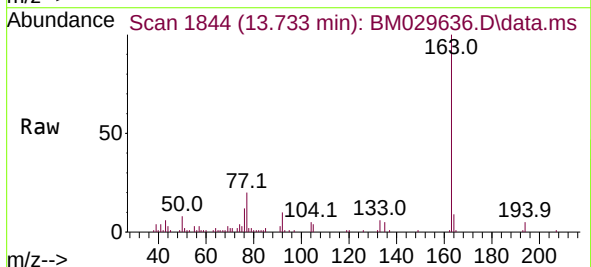
Instrument :
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ClientSampleId :
SB-38-9.5-10.0

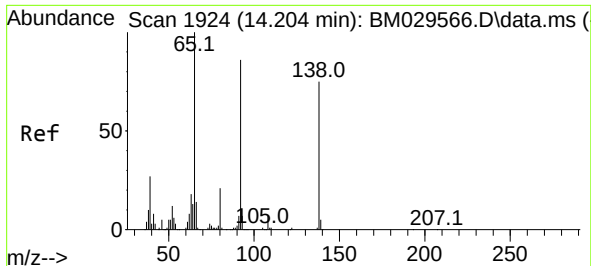
Tgt Ion: 65 Resp: 172
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#50
Dimethylphthalate
Concen: 2.71 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

Tgt Ion: 163 Resp: 34651
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 9.4 7.9 11.9

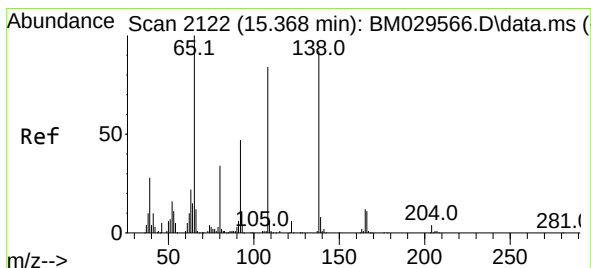
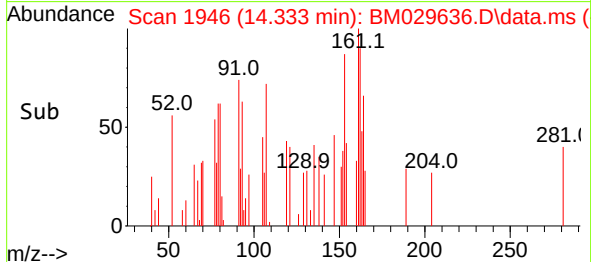
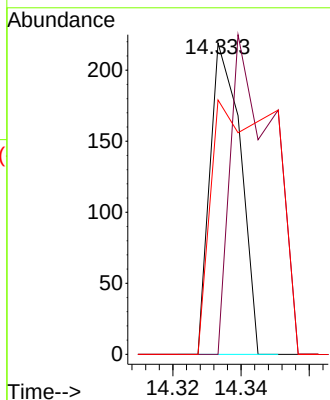
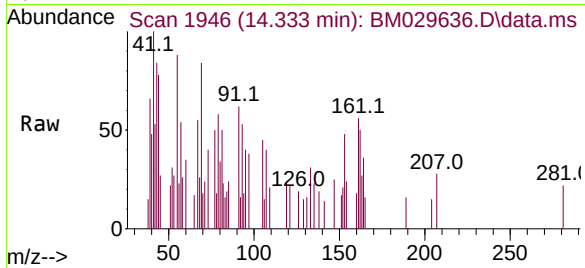




#53
3-Nitroaniline
Concen: 3.03 ng
RT: 14.333 min Scan# 1946
Delta R.T. 0.141 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

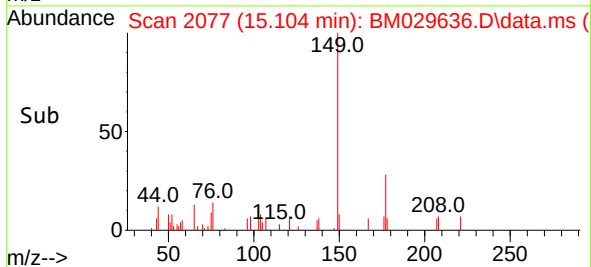
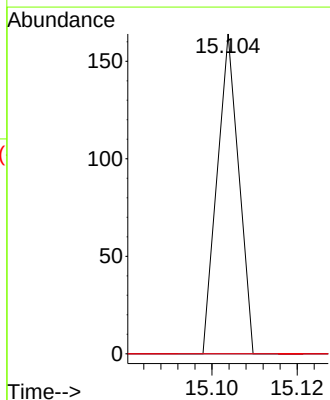
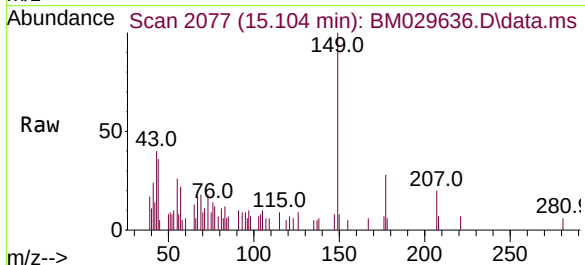
Instrument :
BNA_M
ClientSampleId :
SB-38-9.5-10.0

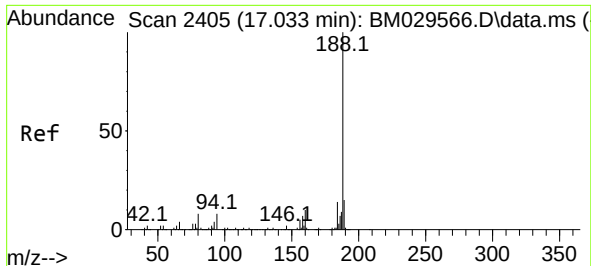
Tgt Ion:138 Resp: 137
Ion Ratio Lower Upper
138 100
108 0.0 7.7 11.5#
92 81.7 92.6 138.8#



#62
4-Nitroaniline
Concen: 3.48 ng
RT: 15.104 min Scan# 2077
Delta R.T. -0.253 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

Tgt Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
92 0.0 33.4 73.4#
108 0.0 75.5 115.5#

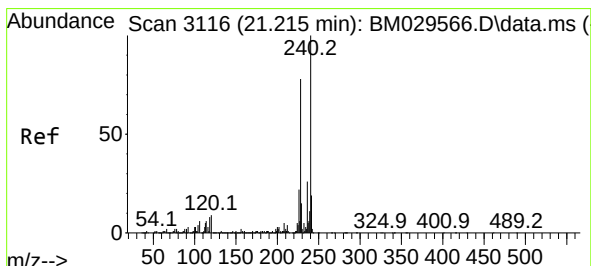
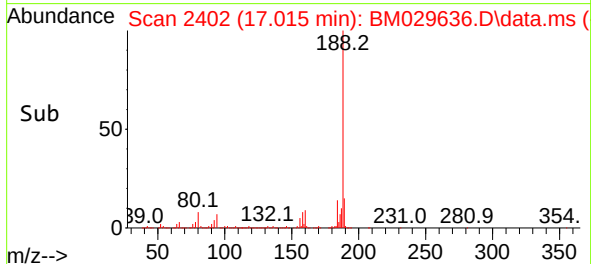
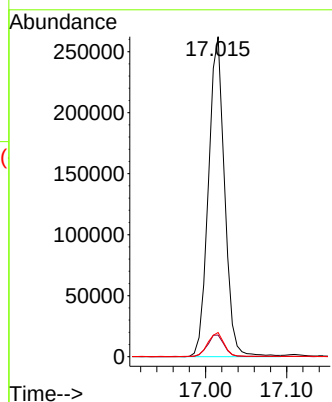
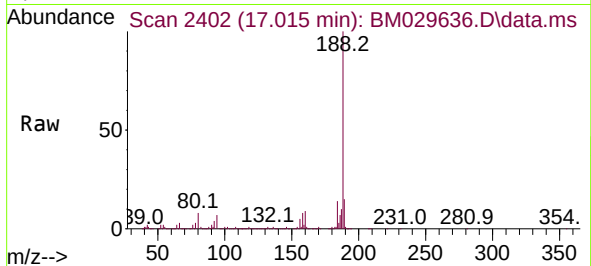




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.015 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

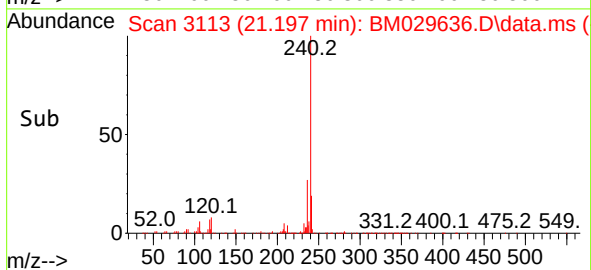
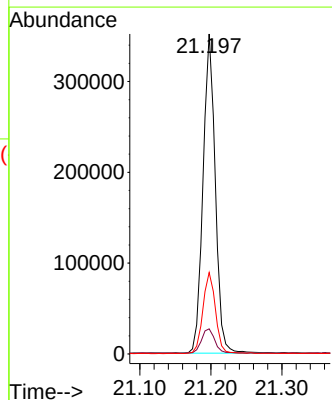
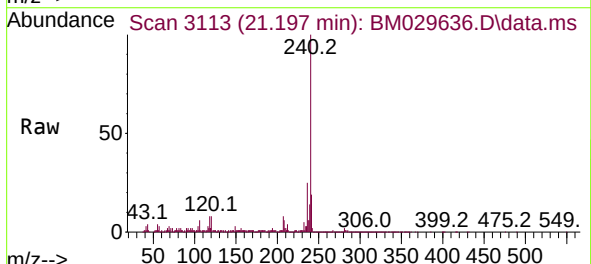
Instrument :
BNA_M
ClientSampleId :
SB-38-9.5-10.0

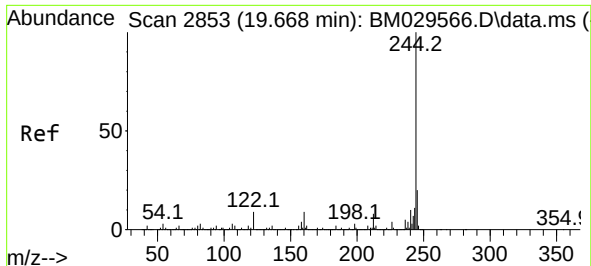
Tgt Ion:188 Resp: 362158
Ion Ratio Lower Upper
188 100
94 6.8 6.0 9.0
80 7.5 6.6 9.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.197 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

Tgt Ion:240 Resp: 423136
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.6
236 25.4 21.0 31.4

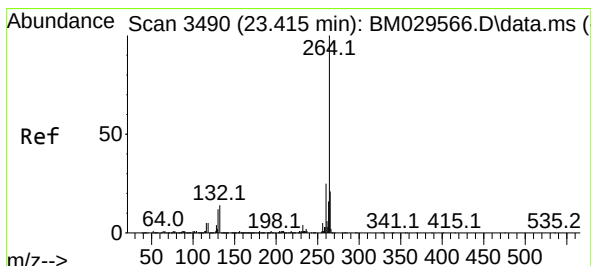
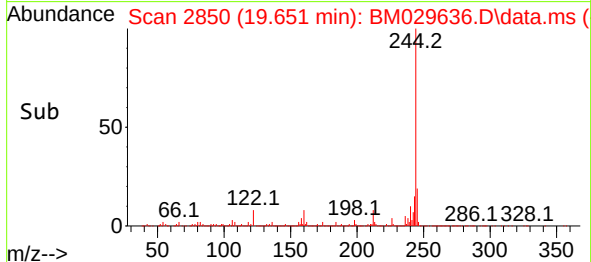
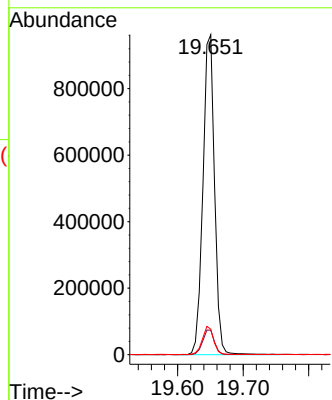
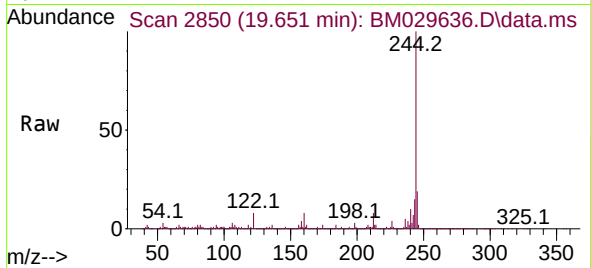




#79
Terphenyl-d14
Concen: 53.20 ng
RT: 19.651 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

Instrument :
BNA_M
ClientSampleId :
SB-38-9.5-10.0

Tgt Ion:244 Resp: 1187426
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 7.9 6.9 10.3



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.386 min Scan# 3485
Delta R.T. -0.006 min
Lab File: BM029636.D
Acq: 24 Apr 2021 14:18

Tgt Ion:264 Resp: 465049
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.8
265 21.6 17.7 26.5

