

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
 Data File : BM029633.D
 Acq On : 24 Apr 2021 12:29
 Operator : CG/JU
 Sample : M2149-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-39-9.5-10.0

Quant Time: Apr 26 03:05:36 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)

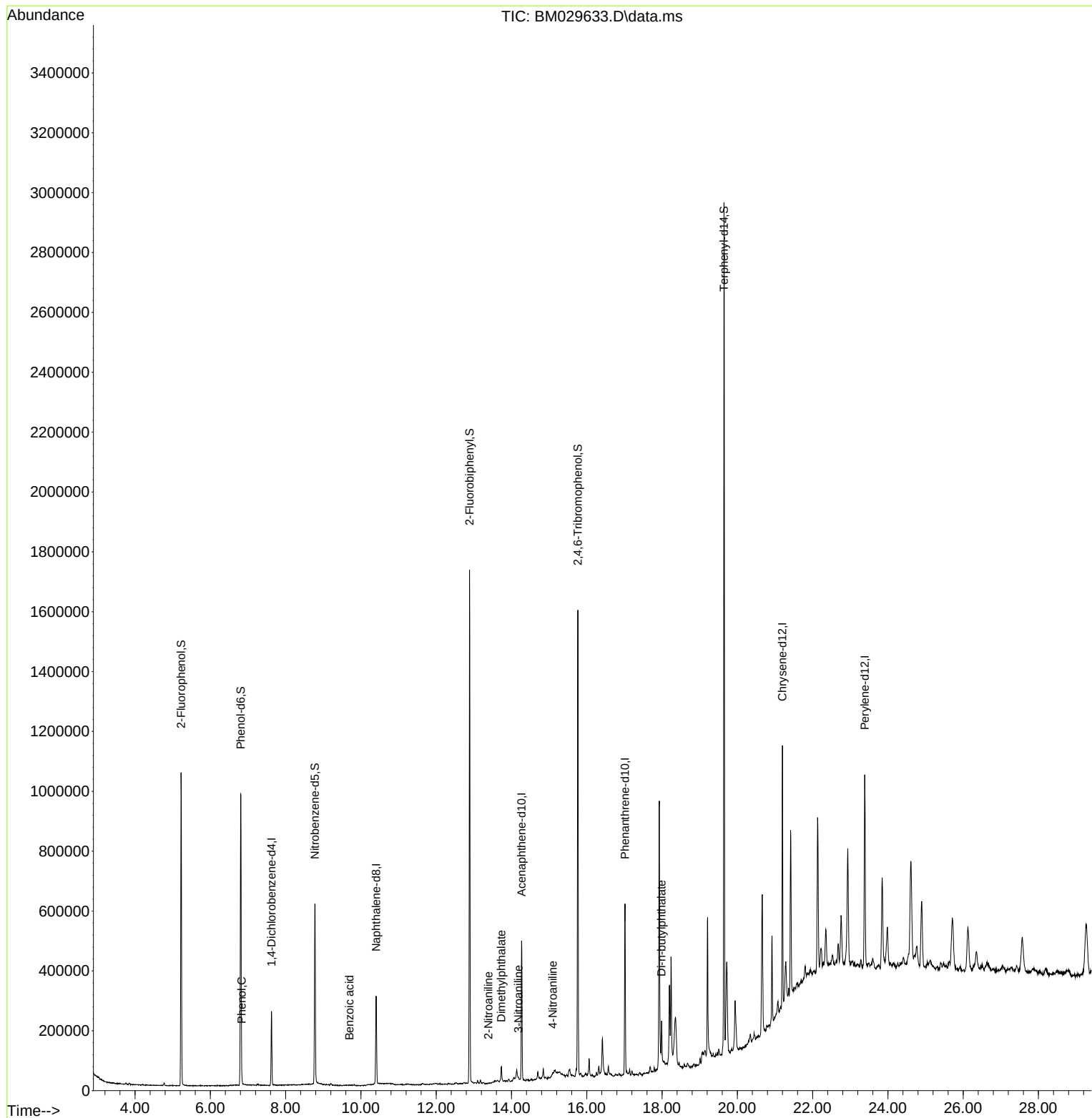
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	65334	20.00	ng	-0.01
21) Naphthalene-d8	10.404	136	231246	20.00	ng	-0.01
39) Acenaphthene-d10	14.269	164	156487	20.00	ng	-0.01
64) Phenanthrene-d10	17.016	188	336811	20.00	ng	0.00
76) Chrysene-d12	21.198	240	381267	20.00	ng	0.00
86) Perylene-d12	23.386	264	432522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	404432	124.10	ng	0.00
7) Phenol-d6	6.805	99	515719	105.95	ng	0.00
23) Nitrobenzene-d5	8.775	82	348644	77.65	ng	-0.01
42) 2,4,6-Tribromophenol	15.763	330	259103	119.73	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	855098	74.17	ng	-0.01
79) Terphenyl-d14	19.645	244	1231689	61.25	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.834	94	10200	2.16	ng	94
32) Benzoic acid	9.698	122	54	7.23	ng	# 17
48) 2-Nitroaniline	13.386	65	652	3.10	ng	# 4
50) Dimethylphthalate	13.733	163	29674	2.51	ng	97
53) 3-Nitroaniline	14.186	138	55	3.00	ng	# 1
62) 4-Nitroaniline	15.098	138	282	3.56	ng	91
74) Di-n-butylphthalate	17.986	149	89650	4.61	ng	100

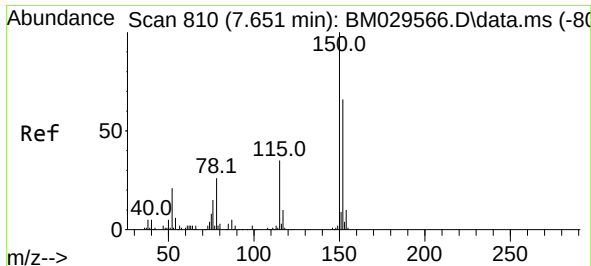
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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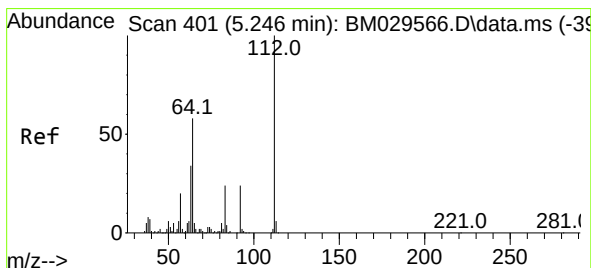
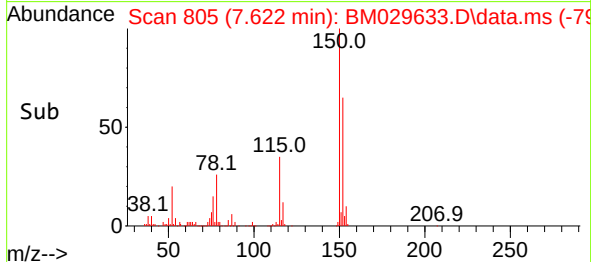
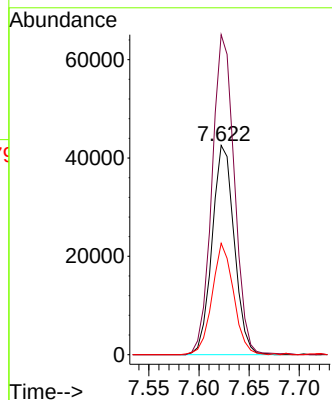
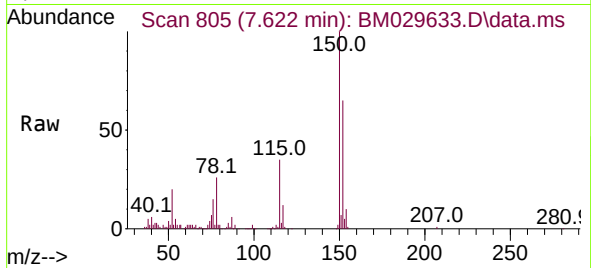




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.012 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

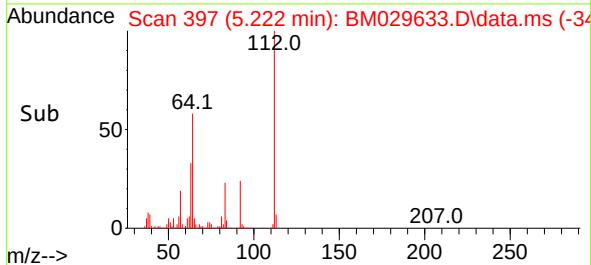
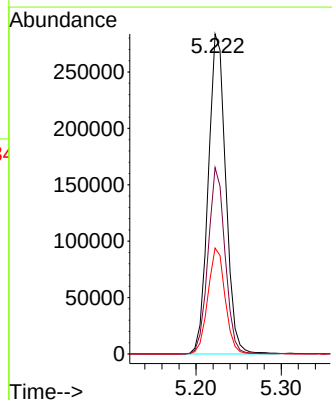
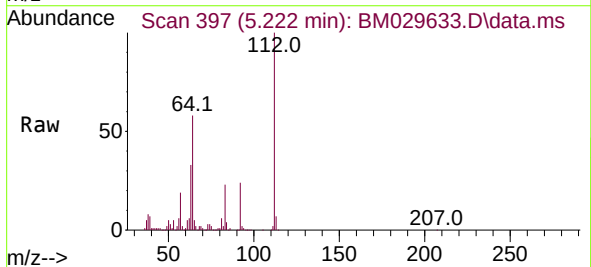
Instrument :
BNA_M
ClientSampleId :
SB-39-9.5-10.0

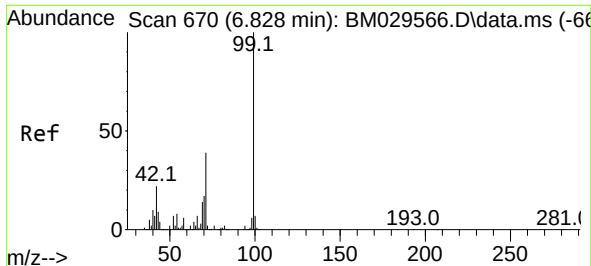
Tgt Ion:152 Resp: 65334
Ion Ratio Lower Upper
152 100
150 152.9 125.9 188.9
115 53.2 44.6 67.0



#5
2-Fluorophenol
Concen: 124.10 ng
RT: 5.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

Tgt Ion:112 Resp: 404432
Ion Ratio Lower Upper
112 100
64 58.2 47.1 70.7
63 33.1 27.3 40.9

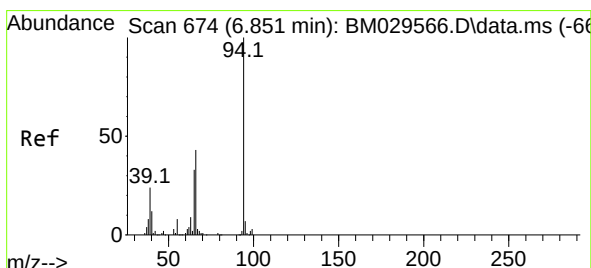
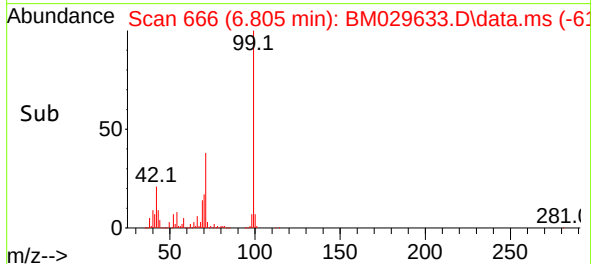
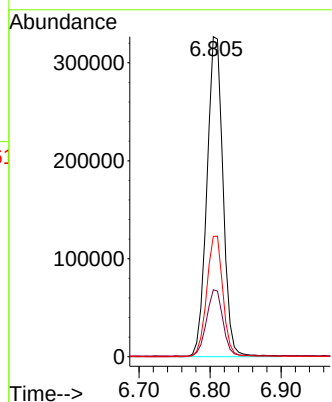
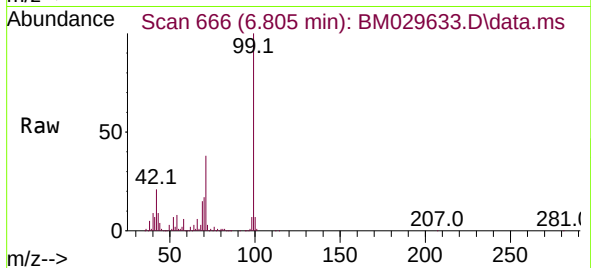




#7
Phenol-d6
Concen: 105.95 ng
RT: 6.805 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

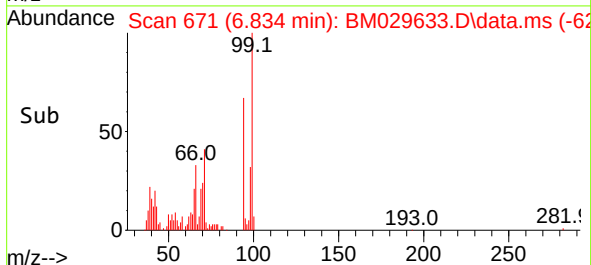
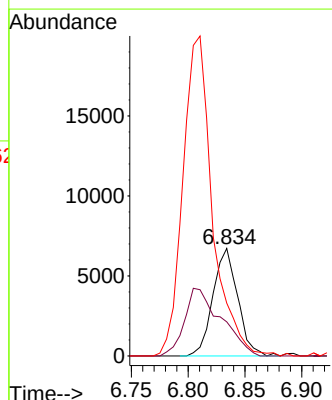
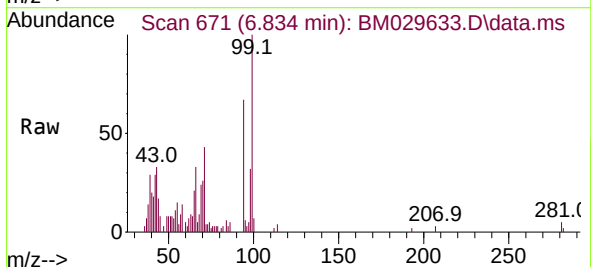
Instrument :
BNA_M
ClientSampleId :
SB-39-9.5-10.0

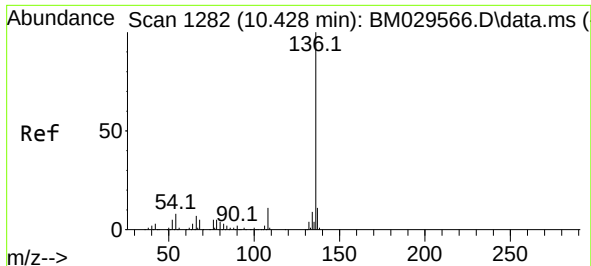
Tgt Ion: 99 Resp: 515719
Ion Ratio Lower Upper
99 100
42 20.9 18.0 27.0
71 37.6 30.9 46.3



#10
Phenol
Concen: 2.16 ng
RT: 6.834 min Scan# 671
Delta R.T. -0.006 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

Tgt Ion: 94 Resp: 10200
Ion Ratio Lower Upper
94 100
65 31.7 11.9 51.9
66 49.1 22.6 62.6

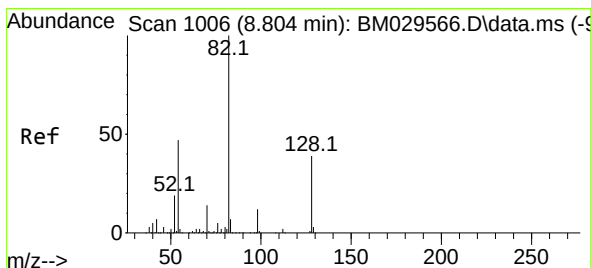
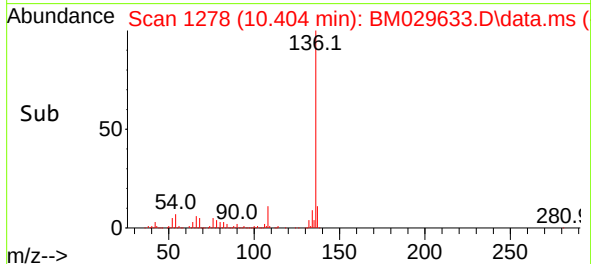
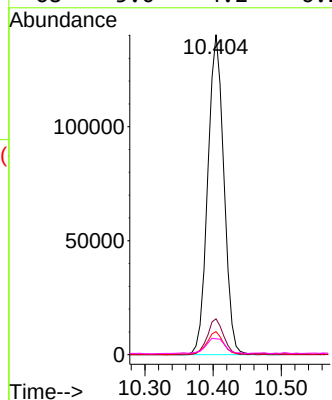
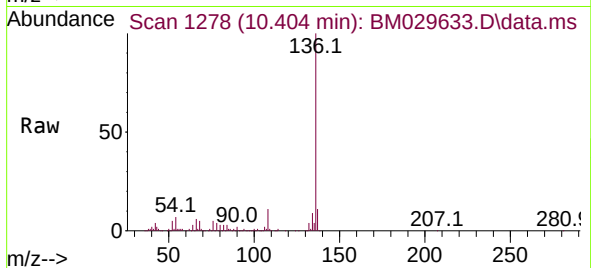




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

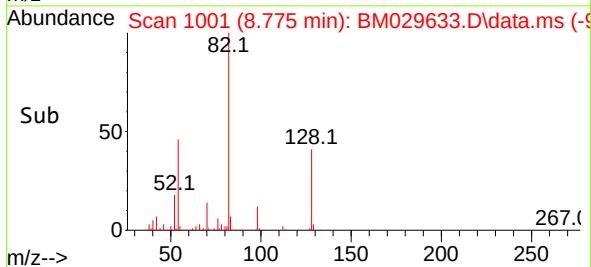
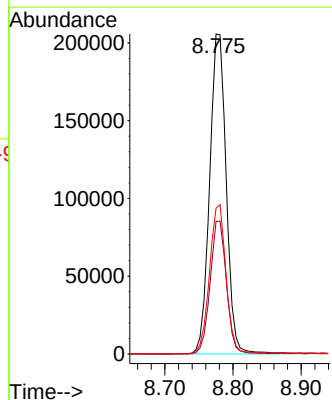
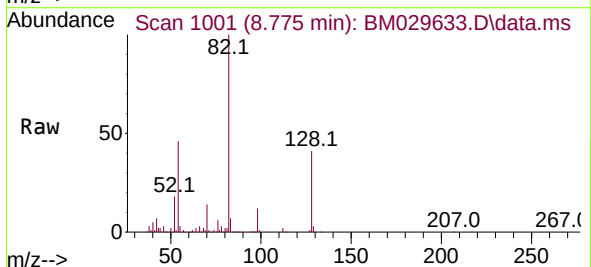
Instrument :
BNA_M
ClientSampleId :
SB-39-9.5-10.0

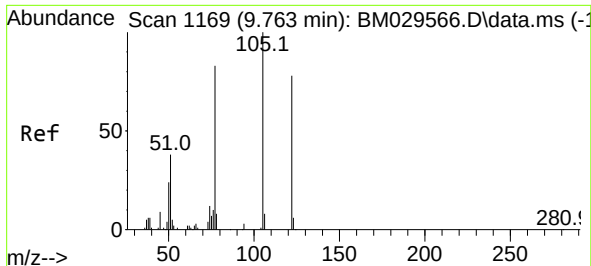
Tgt Ion:	136	Resp:	231246
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	7.2	5.5	8.3
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 77.65 ng
RT: 8.775 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

Tgt Ion:	82	Resp:	348644
Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.1	46.7
54	45.6	37.3	55.9

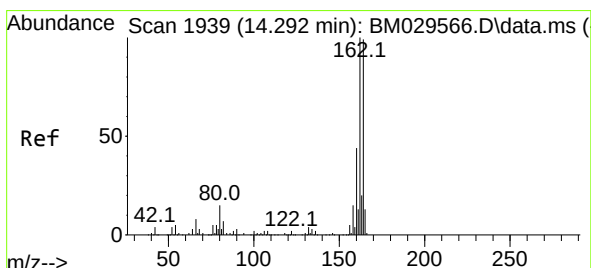
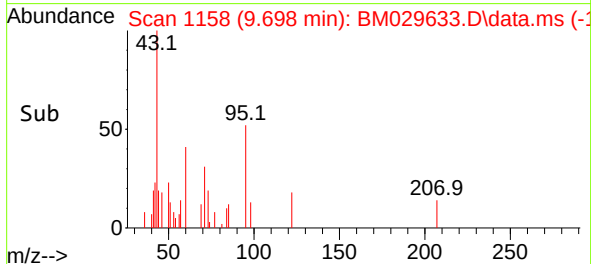
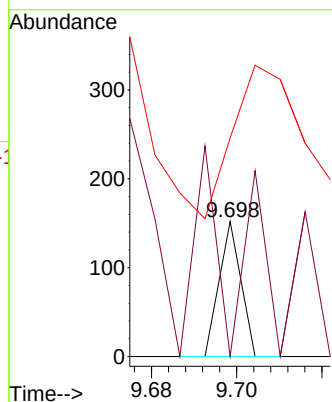
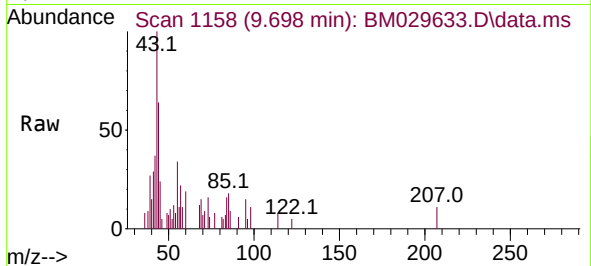




#32
Benzoic acid
Concen: 7.23 ng
RT: 9.698 min Scan# 1158
Delta R.T. -0.047 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

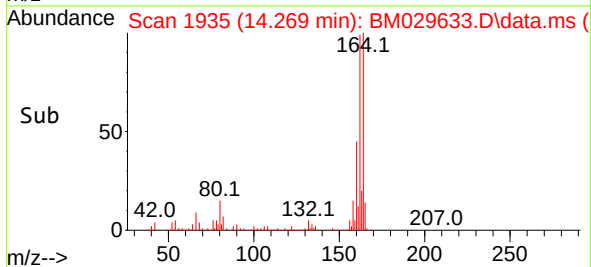
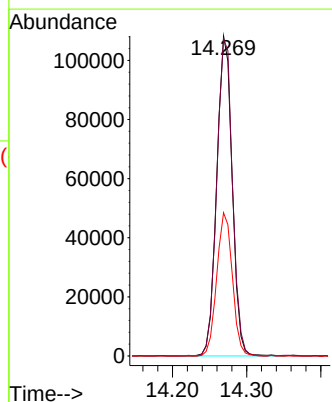
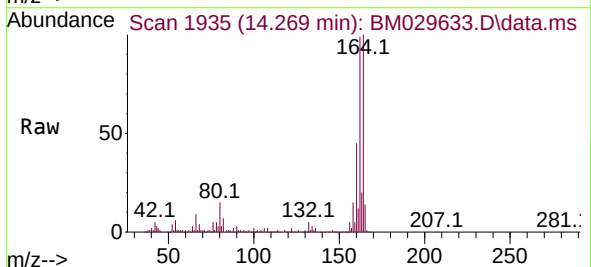
Instrument :
BNA_M
ClientSampleId :
SB-39-9.5-10.0

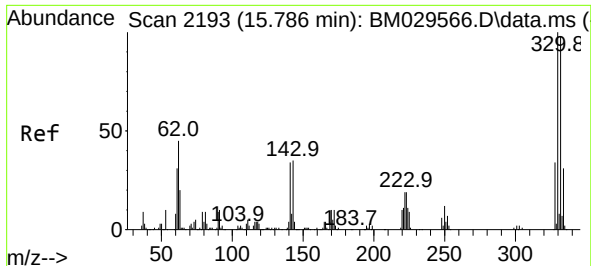
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 107.3 147.3#
77 161.8 88.0 128.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.269 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

Tgt Ion:164 Resp: 156487
Ion Ratio Lower Upper
164 100
162 99.1 83.4 125.0
160 44.8 37.2 55.8

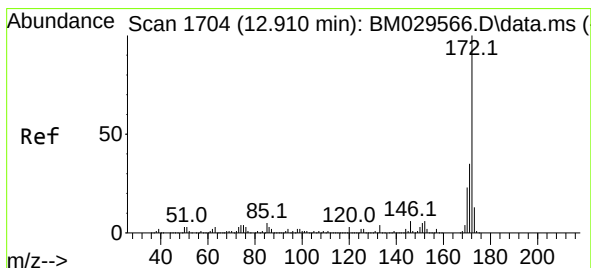
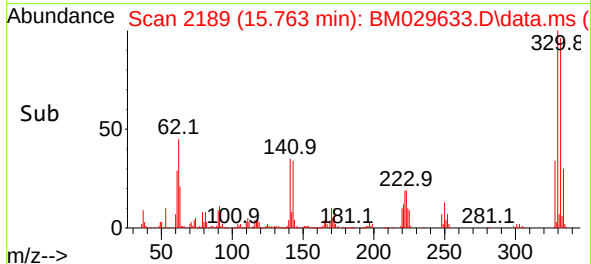
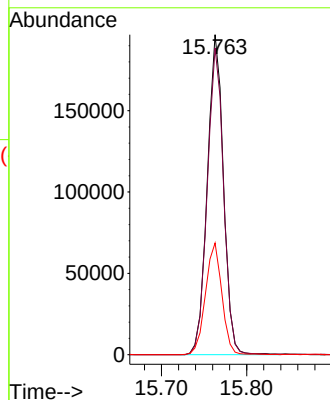
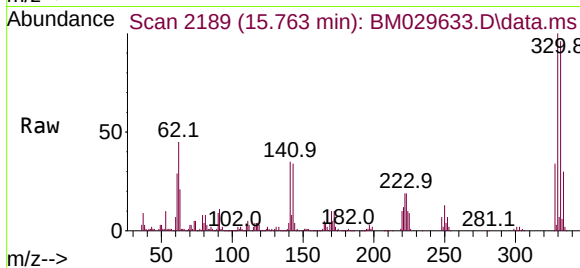




#42
2,4,6-Tribromophenol
Concen: 119.73 ng
RT: 15.763 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

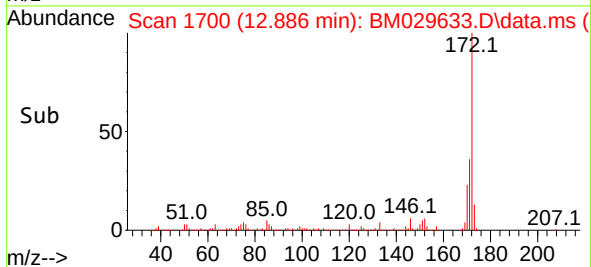
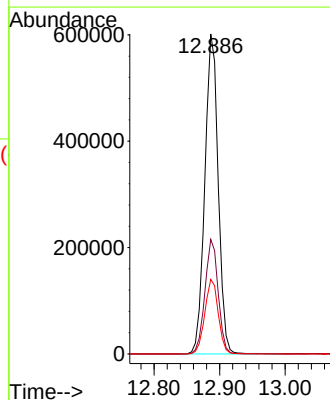
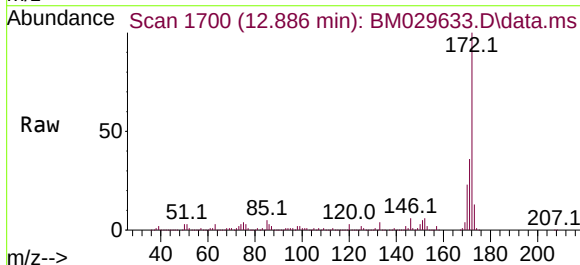
Instrument :
BNA_M
ClientSampled :
SB-39-9.5-10.0

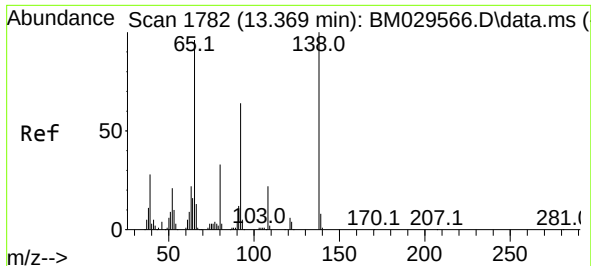
Tgt Ion:330 Resp: 259103
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 35.5 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 74.17 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

Tgt Ion:172 Resp: 855098
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.3 18.4 27.6

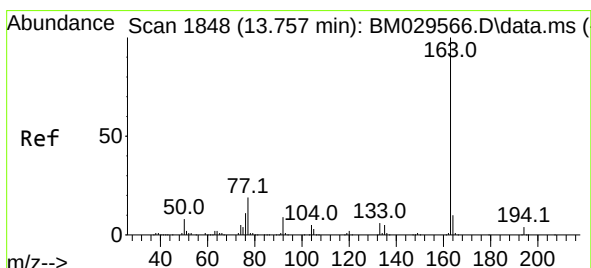
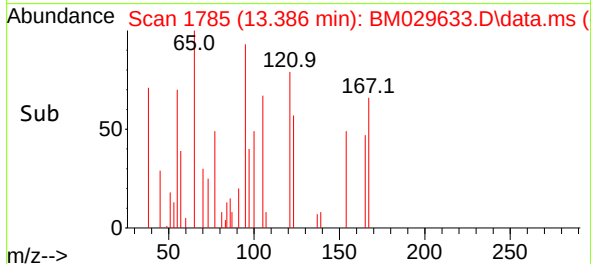
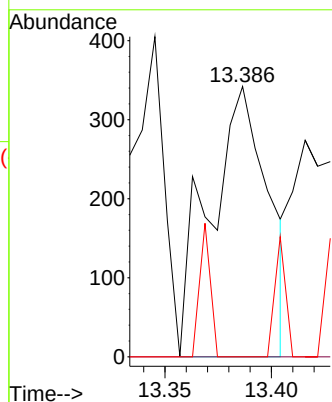
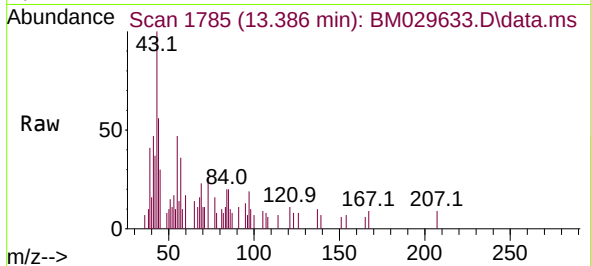




#48
2-Nitroaniline
Concen: 3.10 ng
RT: 13.386 min Scan# 1785
Delta R.T. 0.030 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

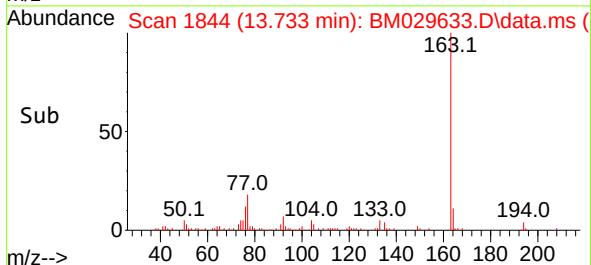
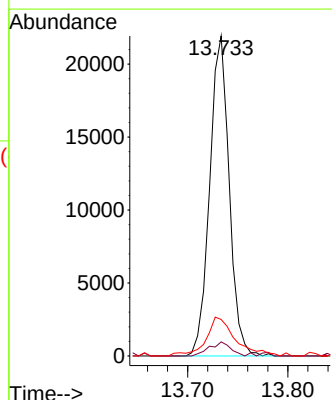
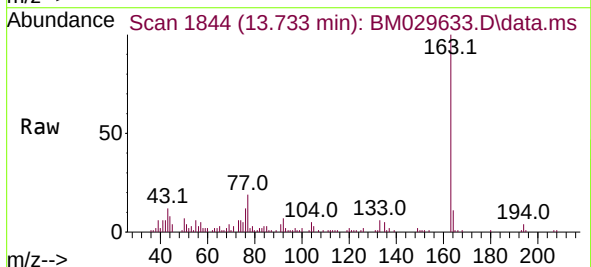
Instrument :
BNA_M
ClientSampled :
SB-39-9.5-10.0

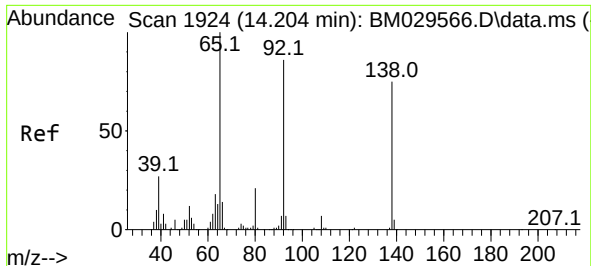
Tgt Ion: 65 Resp: 652
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#50
Dimethylphthalate
Concen: 2.51 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

Tgt Ion: 163 Resp: 29674
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 11.4 7.9 11.9

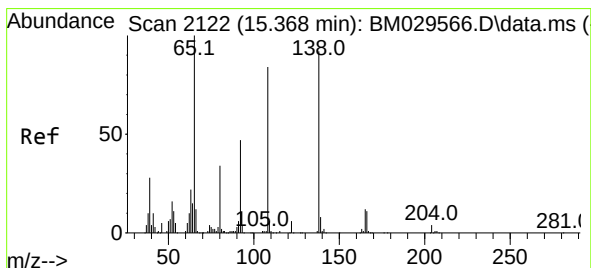
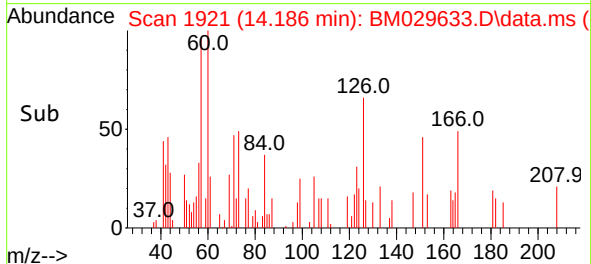
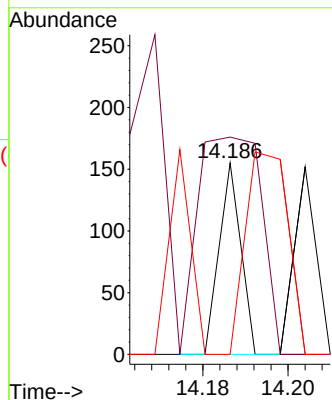
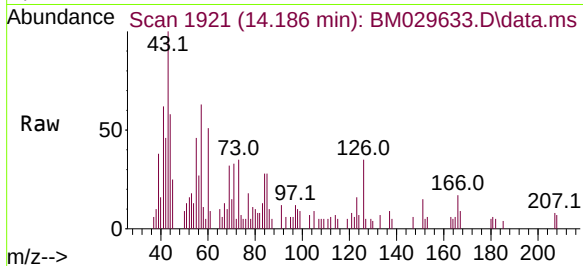




#53
3-Nitroaniline
Concen: 3.00 ng
RT: 14.186 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

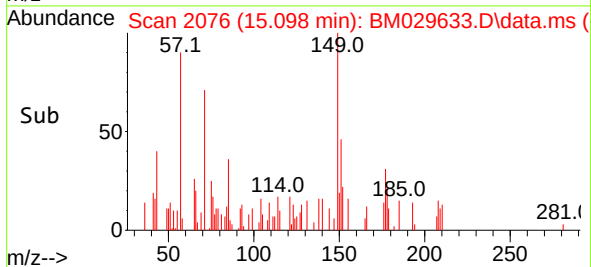
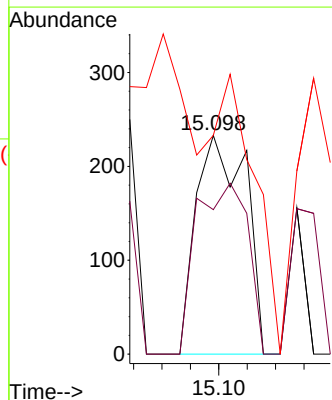
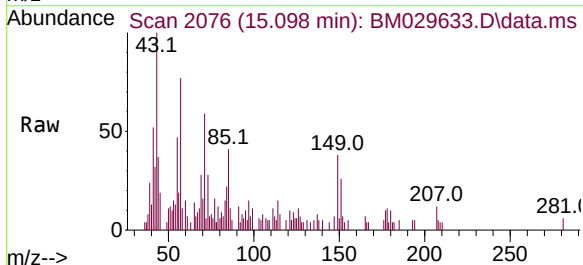
Instrument :
BNA_M
ClientSampled :
SB-39-9.5-10.0

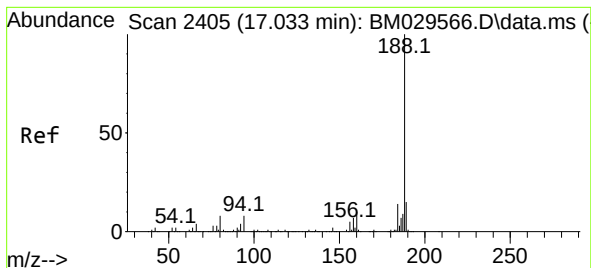
Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 113.5 7.7 11.5#
92 0.0 92.6 138.8#



#62
4-Nitroaniline
Concen: 3.56 ng
RT: 15.098 min Scan# 2076
Delta R.T. -0.259 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

Tgt Ion:138 Resp: 282
Ion Ratio Lower Upper
138 100
92 66.1 33.4 73.4
108 100.0 75.5 115.5

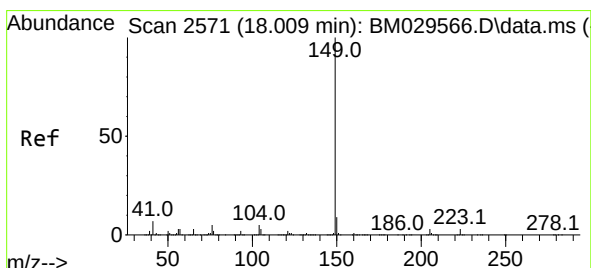
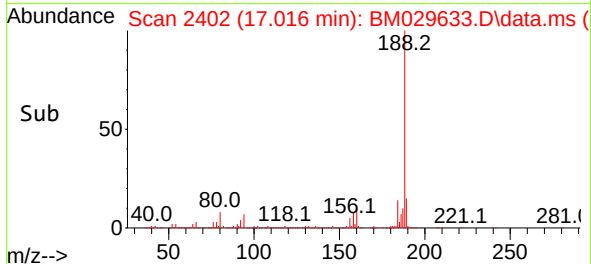
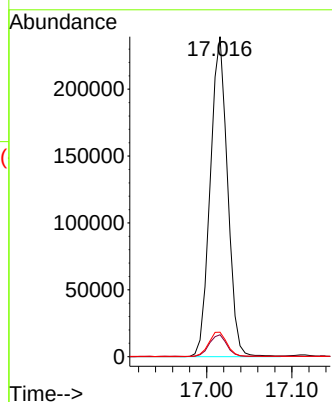
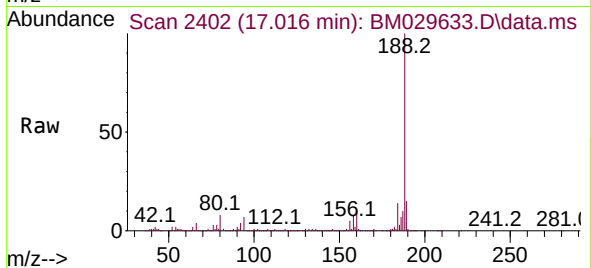




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.016 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

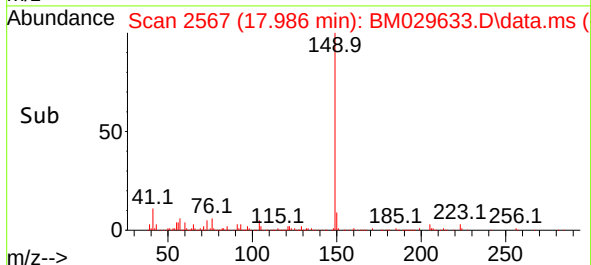
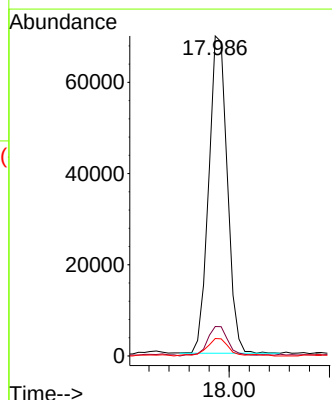
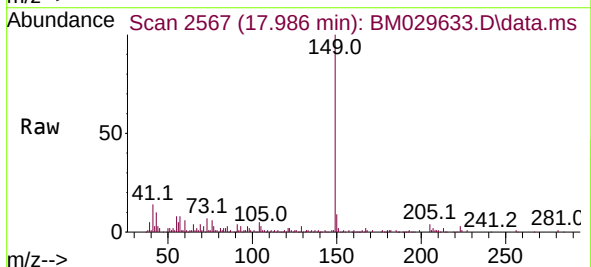
Instrument :
BNA_M
ClientSampleId :
SB-39-9.5-10.0

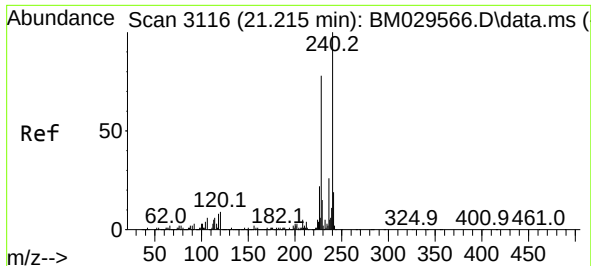
Tgt Ion:188 Resp: 336811
Ion Ratio Lower Upper
188 100
94 6.9 6.0 9.0
80 7.6 6.6 9.8



#74
Di-n-butylphthalate
Concen: 4.61 ng
RT: 17.986 min Scan# 2567
Delta R.T. -0.012 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

Tgt Ion:149 Resp: 89650
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 5.5 4.3 6.5

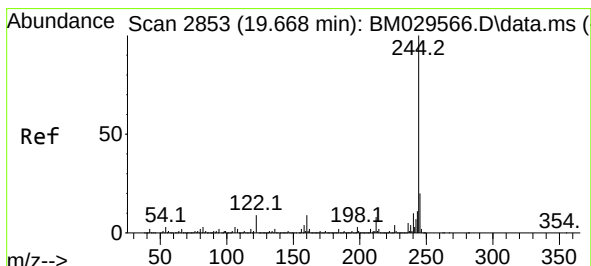
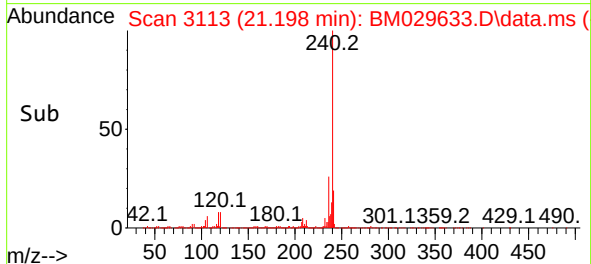
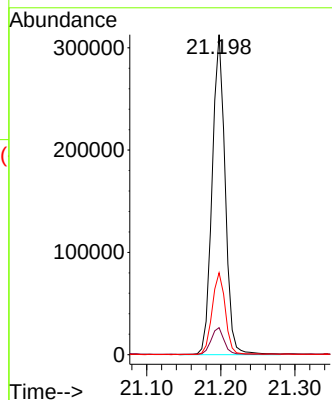
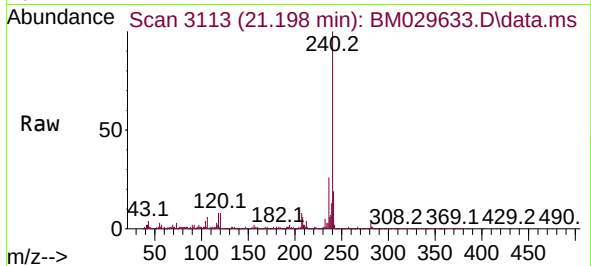




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

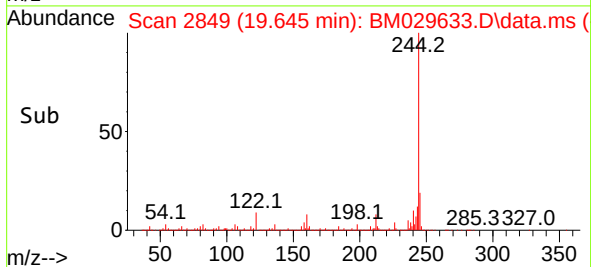
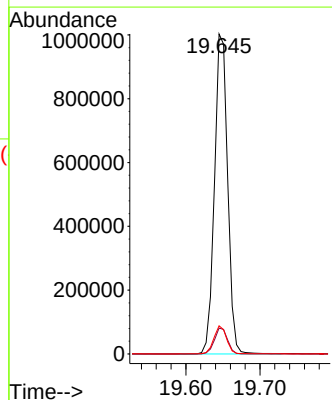
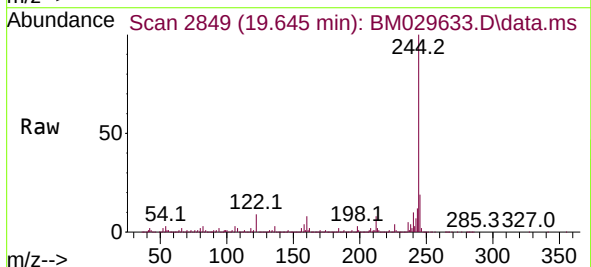
Instrument :
BNA_M
ClientSampleId :
SB-39-9.5-10.0

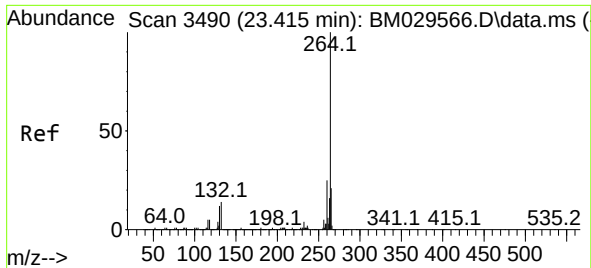
Tgt Ion:240 Resp: 381267
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 25.6 21.0 31.4



#79
Terphenyl-d14
Concen: 61.25 ng
RT: 19.645 min Scan# 2849
Delta R.T. -0.012 min
Lab File: BM029633.D
Acq: 24 Apr 2021 12:29

Tgt Ion:244 Resp: 1231689
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.8 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: BM029633.D
Acq: 24 Apr 2021 12:29

Instrument :
BNA_M
ClientSampleId :
SB-39-9.5-10.0

Tgt Ion:	264	Resp:	432522
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	22.4	17.7	26.5

