

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
 Data File : BM029644.D
 Acq On : 24 Apr 2021 19:08
 Operator : CG/JU
 Sample : M2149-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-36-0-2.0

Quant Time: Apr 26 03:07:37 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)

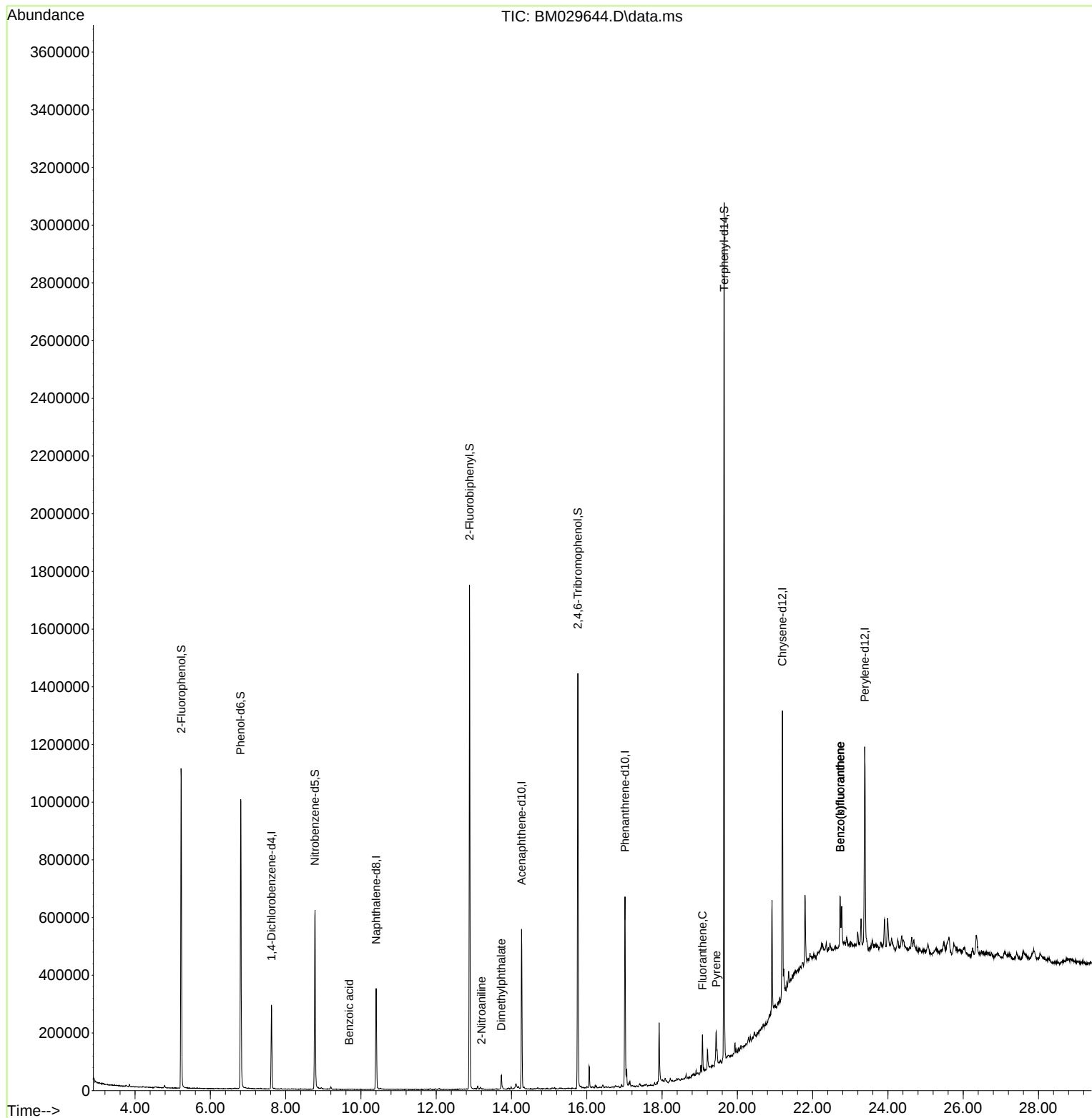
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	81160	20.00	ng	-0.01
21) Naphthalene-d8	10.404	136	274585	20.00	ng	-0.01
39) Acenaphthene-d10	14.268	164	179449	20.00	ng	-0.01
64) Phenanthrene-d10	17.015	188	393473	20.00	ng	0.00
76) Chrysene-d12	21.197	240	448784	20.00	ng	0.00
86) Perylene-d12	23.386	264	477944	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	448639	110.82	ng	0.00
7) Phenol-d6	6.804	99	541302	89.52	ng	0.00
23) Nitrobenzene-d5	8.781	82	365892	68.63	ng	0.00
42) 2,4,6-Tribromophenol	15.762	330	251593	101.38	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	895925	67.76	ng	-0.01
79) Terphenyl-d14	19.650	244	1351983	57.11	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.686	122	55	7.23	ng	# 71
48) 2-Nitroaniline	13.204	65	53	2.88	ng	# 4
50) Dimethylphthalate	13.733	163	30854	2.27	ng	100
75) Fluoranthene	19.074	202	76853	2.80	ng	100
78) Pyrene	19.439	202	74131	2.57	ng	99
88) Benzo(b)fluoranthene	22.733	252	85739	2.75	ng	# 87
89) Benzo(k)fluoranthene	22.733	252	85739	2.74	ng	# 86

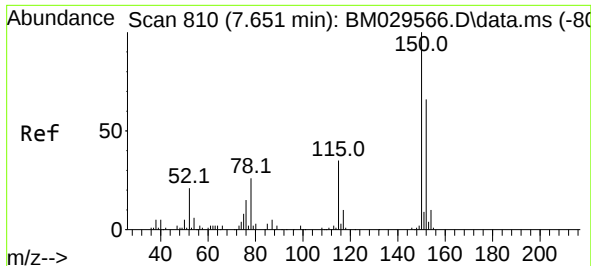
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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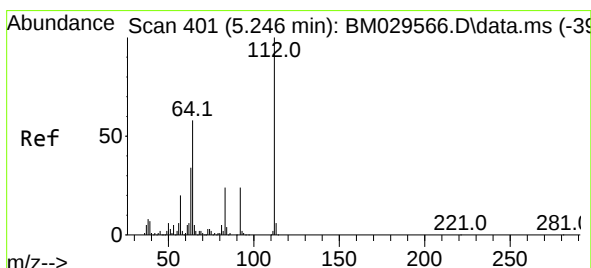
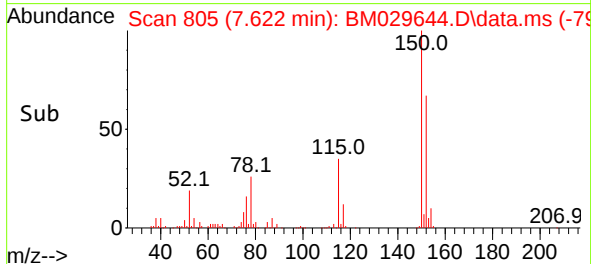
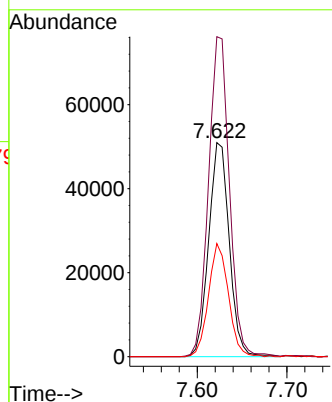
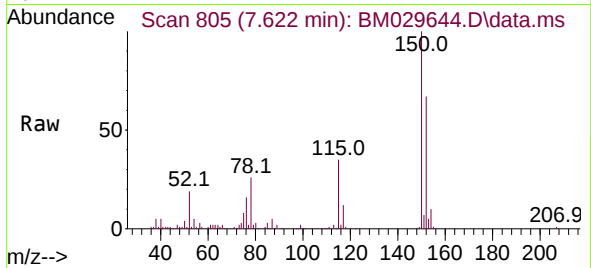




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.012 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

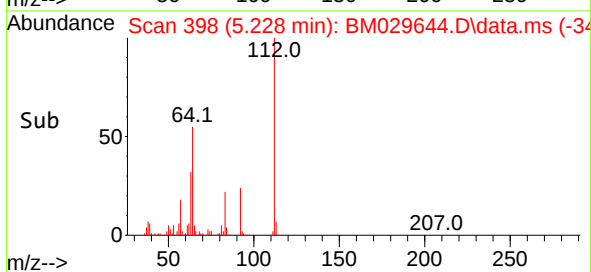
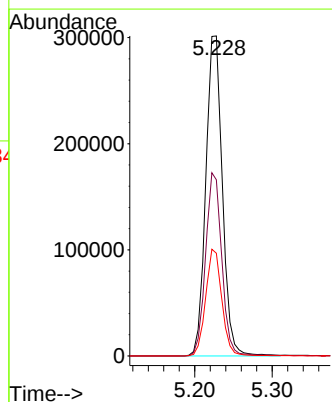
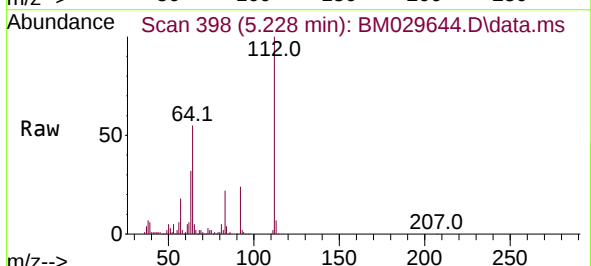
Instrument :
BNA_M
ClientSampleId :
SB-36-0-2.0

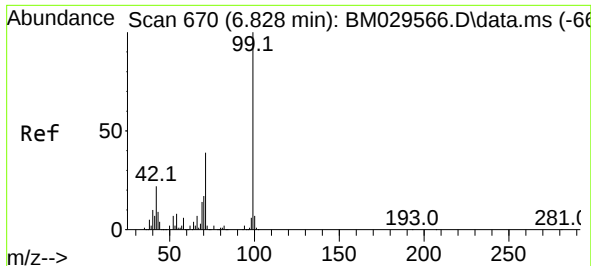
Tgt Ion:152 Resp: 81160
Ion Ratio Lower Upper
152 100
150 149.5 125.9 188.9
115 52.9 44.6 67.0



#5
2-Fluorophenol
Concen: 110.82 ng
RT: 5.228 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

Tgt Ion:112 Resp: 448639
Ion Ratio Lower Upper
112 100
64 55.0 47.1 70.7
63 32.1 27.3 40.9

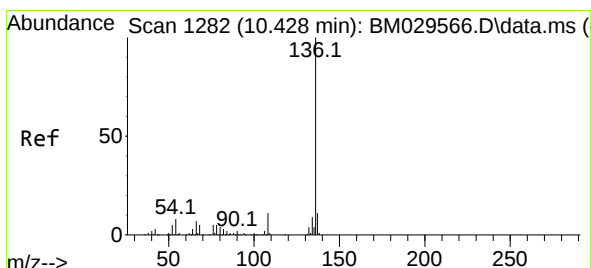
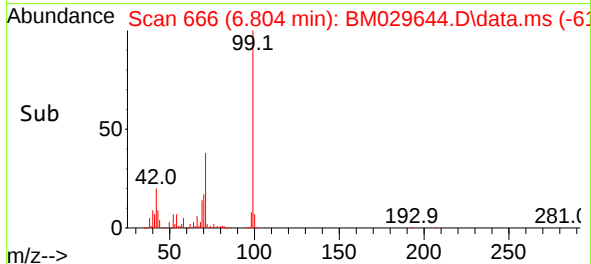
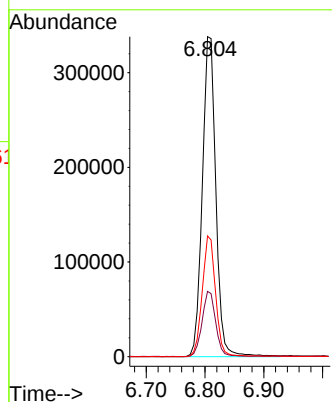
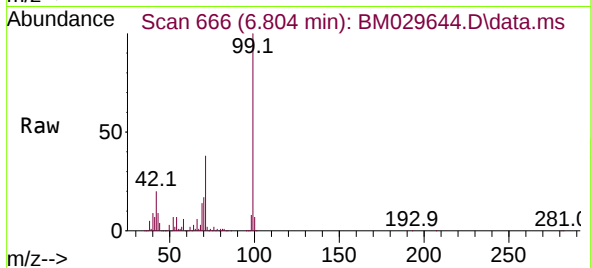




#7
Phenol-d6
Concen: 89.52 ng
RT: 6.804 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

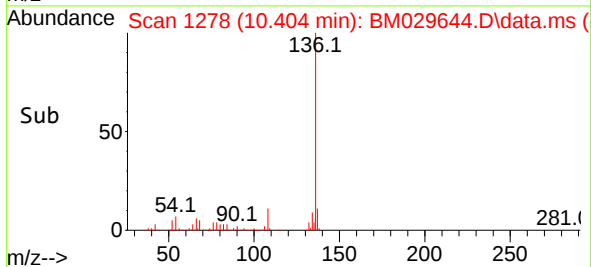
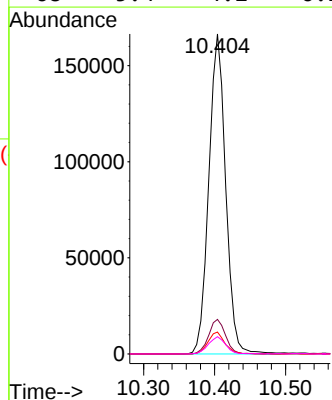
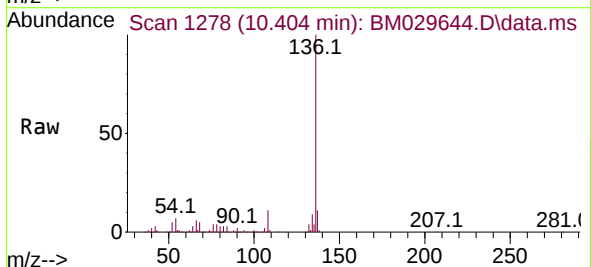
Instrument :
BNA_M
ClientSampleId :
SB-36-0-2.0

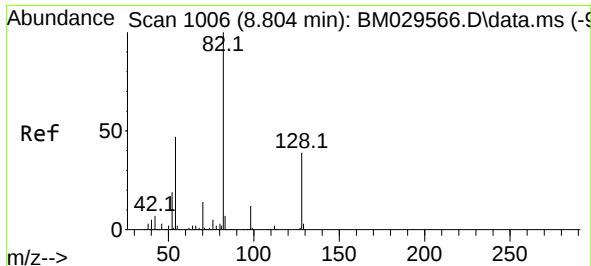
Tgt Ion:	99	Resp:	541302
Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.0	27.0
71	37.8	30.9	46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

Tgt Ion:	136	Resp:	274585
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.9	5.5	8.3
68	5.4	4.2	6.2

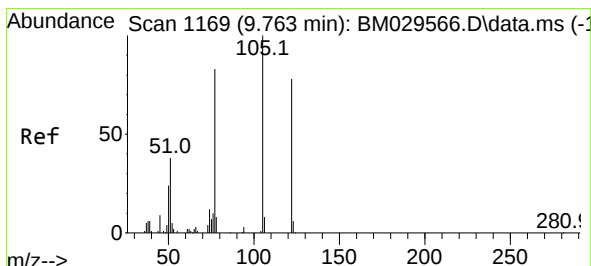
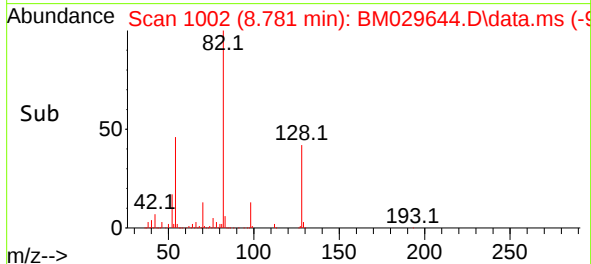
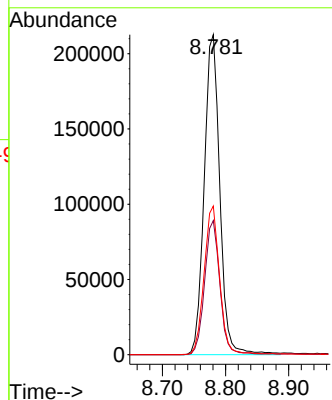
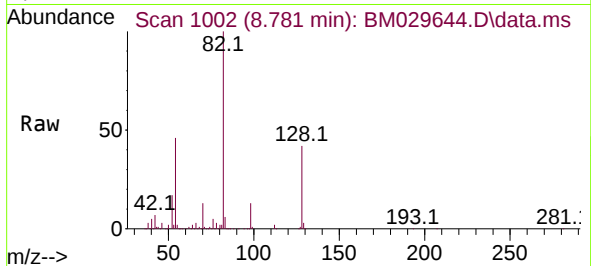




#23
Nitrobenzene-d5
Concen: 68.63 ng
RT: 8.781 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

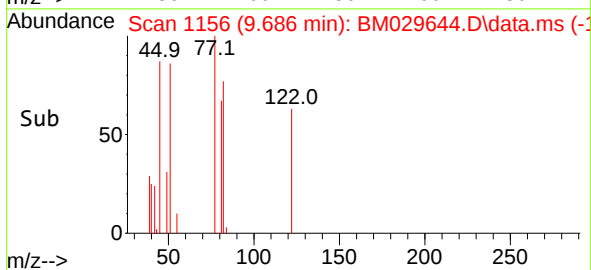
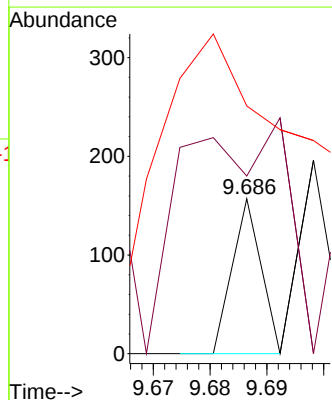
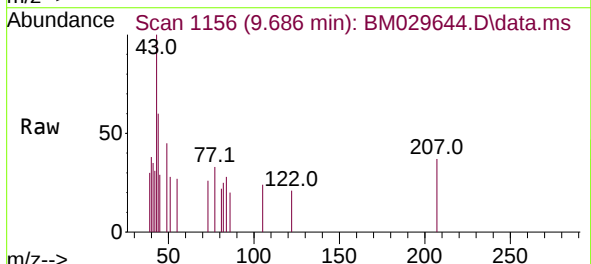
Instrument :
BNA_M
ClientSampleId :
SB-36-0-2.0

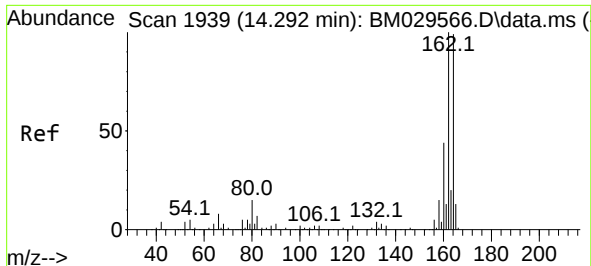
Tgt Ion: 82 Resp: 365892
Ion Ratio Lower Upper
82 100
128 41.9 31.1 46.7
54 46.5 37.3 55.9



#32
Benzoic acid
Concen: 7.23 ng
RT: 9.686 min Scan# 1156
Delta R.T. -0.059 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 114.6 107.3 147.3
77 159.9 88.0 128.0#

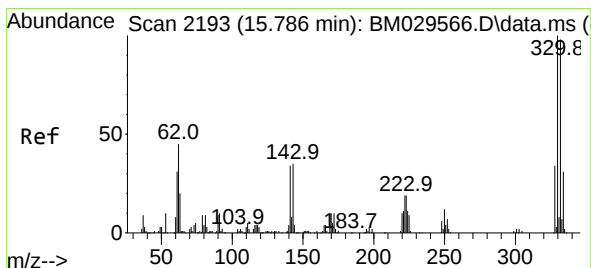
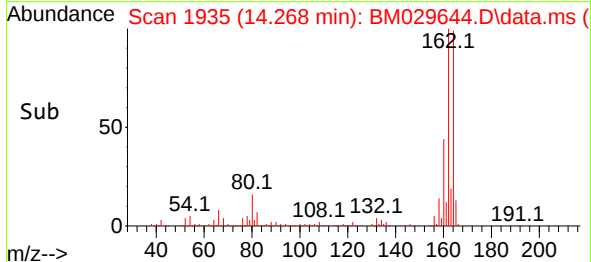
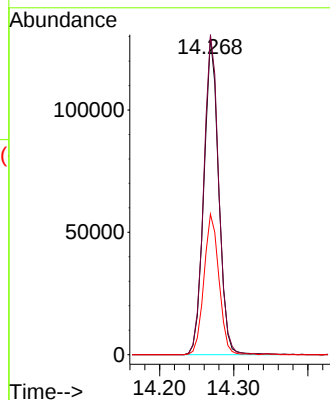
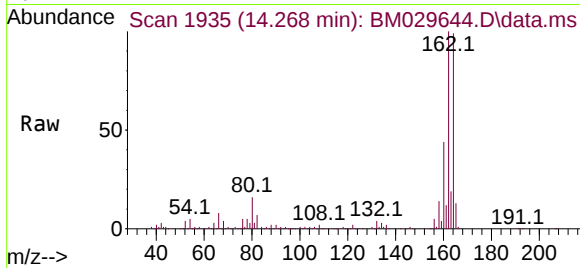




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.268 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

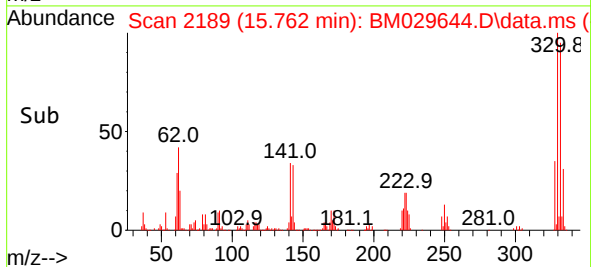
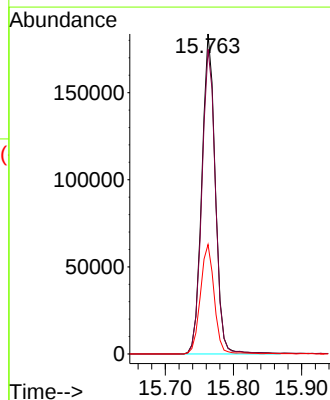
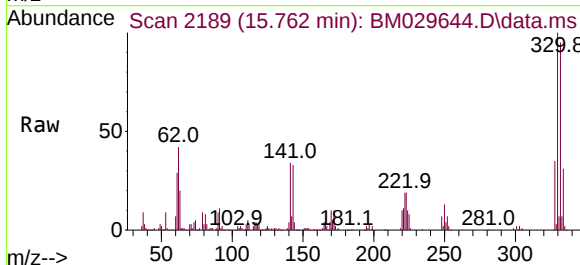
Instrument :
BNA_M
ClientSampleId :
SB-36-0-2.0

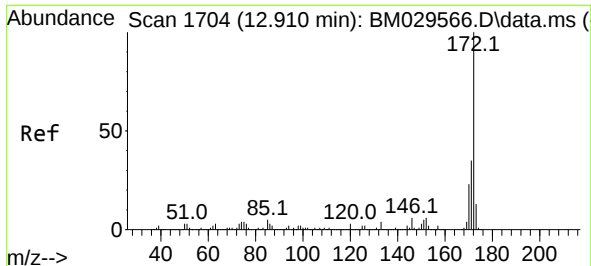
Tgt Ion:164 Resp: 179449
Ion Ratio Lower Upper
164 100
162 100.8 83.4 125.0
160 44.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 101.38 ng
RT: 15.762 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

Tgt Ion:330 Resp: 251593
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 35.1 30.2 45.2

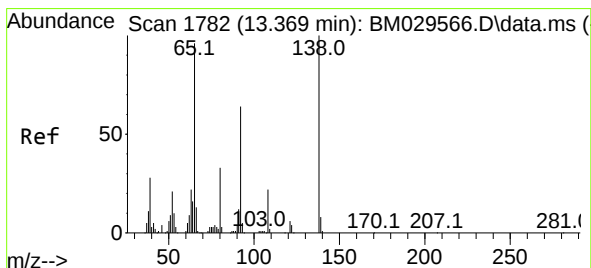
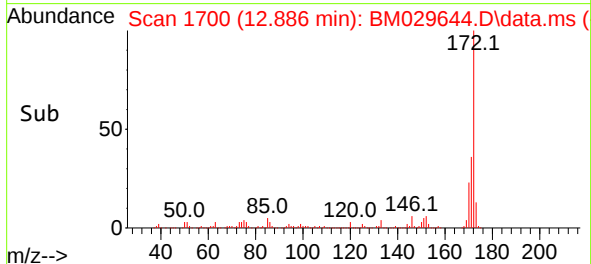
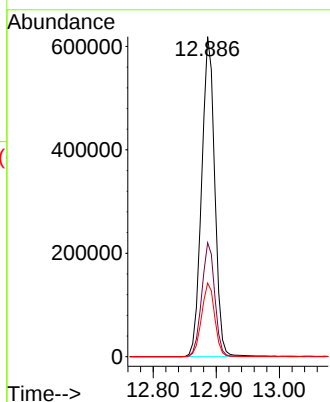
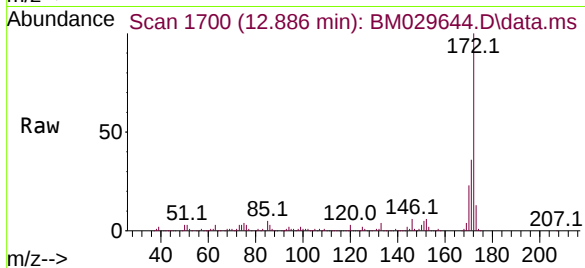




#45
2-Fluorobiphenyl
Concen: 67.76 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

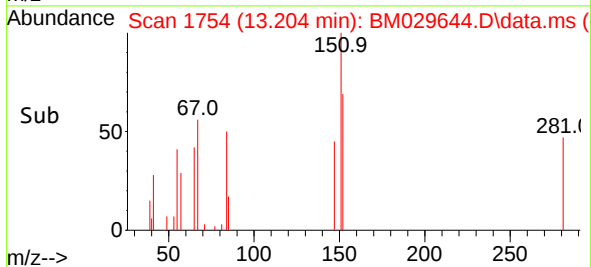
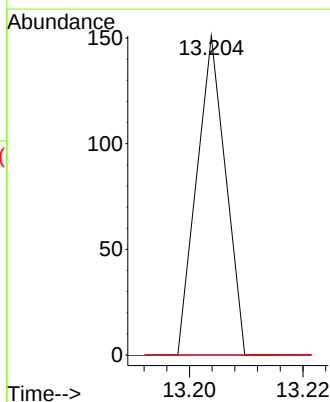
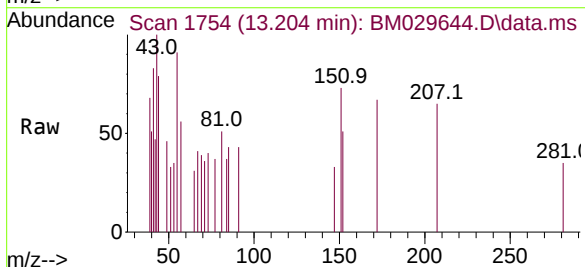
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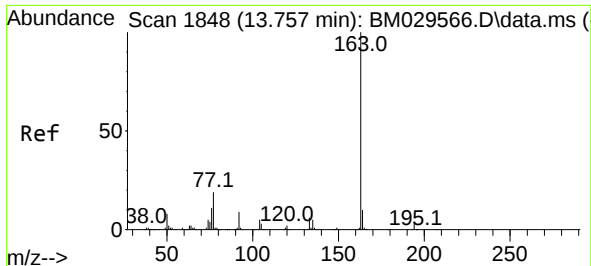
Tgt Ion:172 Resp: 895925
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.0 18.4 27.6



#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.204 min Scan# 1754
Delta R.T. -0.153 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#

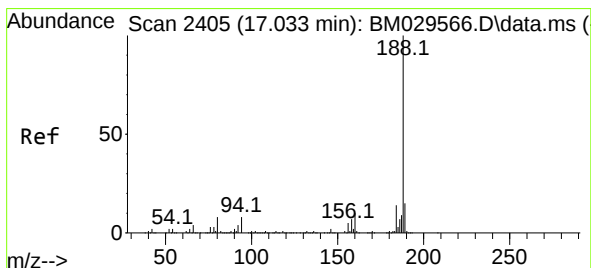
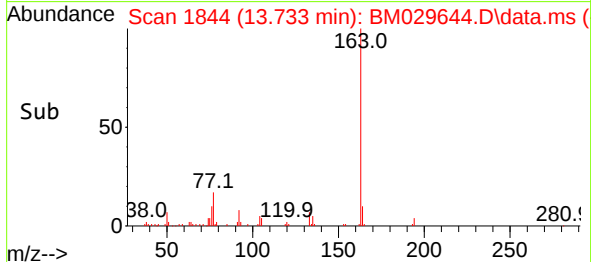
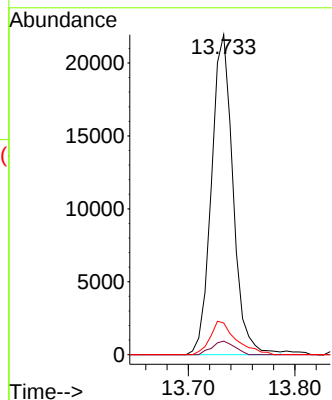
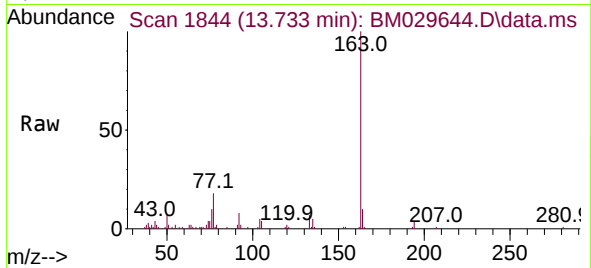




#50
Dimethylphthalate
Concen: 2.27 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

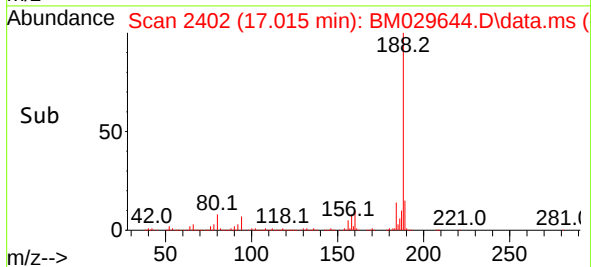
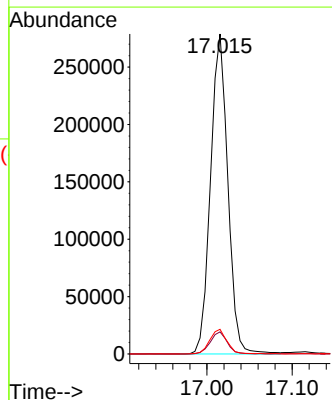
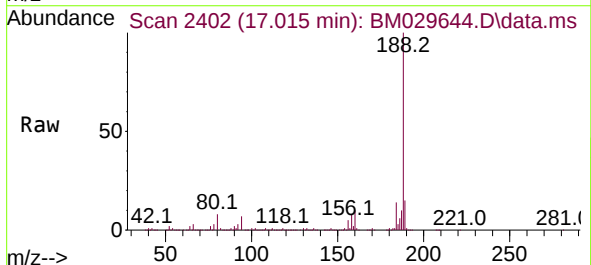
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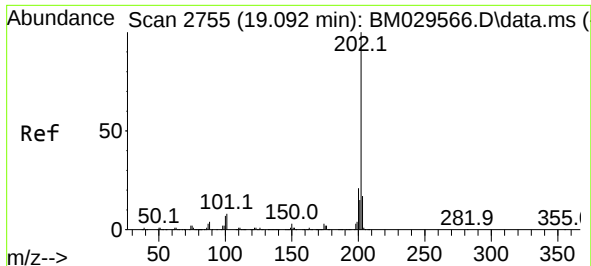
Tgt Ion:163	Resp:	30854
Ion Ratio	Lower	Upper
163	100	
194	4.3	3.3 4.9
164	9.9	7.9 11.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.015 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

Tgt Ion:188	Resp:	393473
Ion Ratio	Lower	Upper
188	100	
94	6.9	6.0 9.0
80	7.7	6.6 9.8

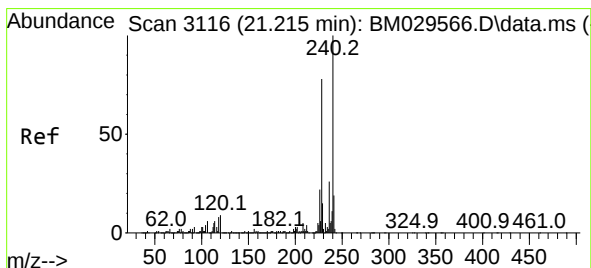
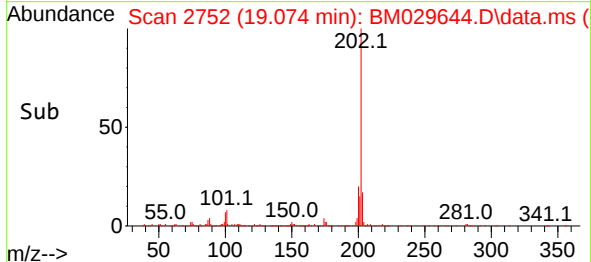
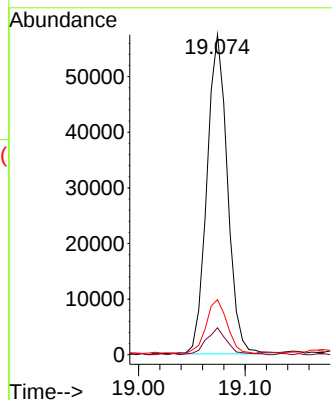
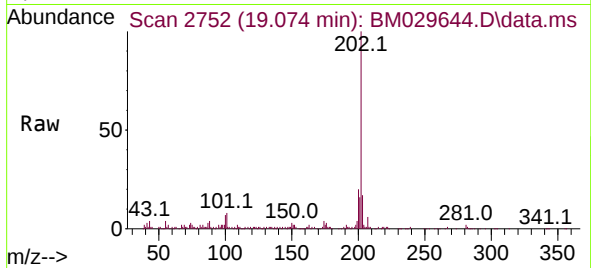




#75
Fluoranthene
Concen: 2.80 ng
RT: 19.074 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

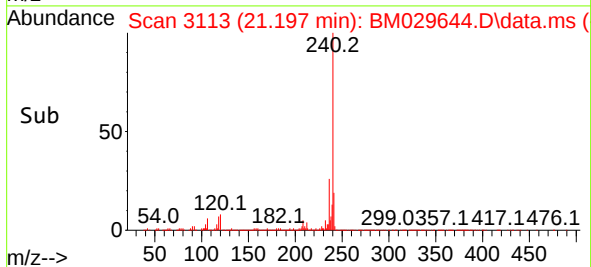
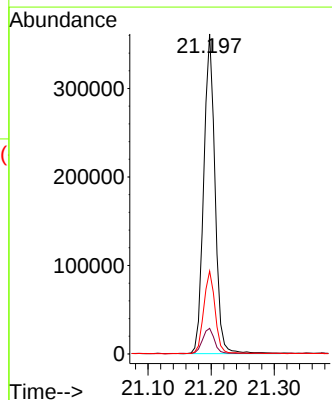
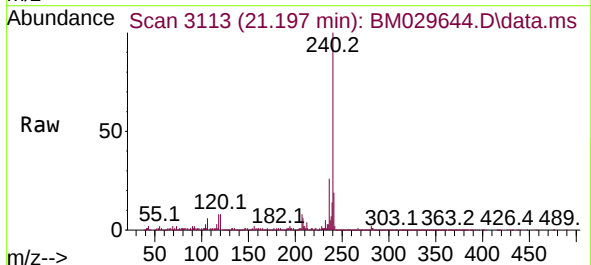
Instrument :
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SB-36-0-2.0

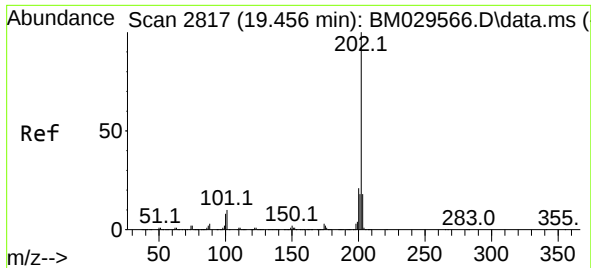
Tgt Ion:	202	Resp:	76853
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	28.6
203	17.2	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.197 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

Tgt Ion:	240	Resp:	448784
Ion Ratio	Lower	Upper	
240	100		
120	8.0	7.0	10.6
236	25.9	21.0	31.4

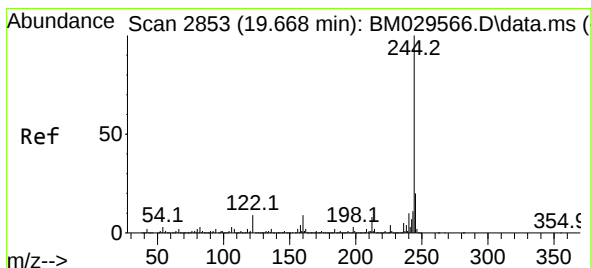
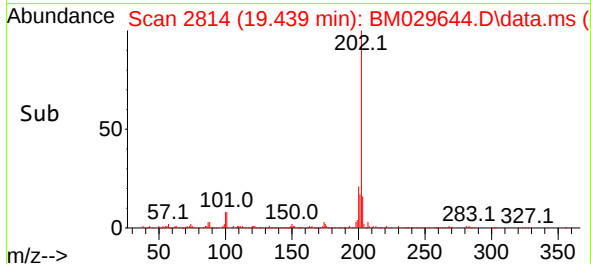
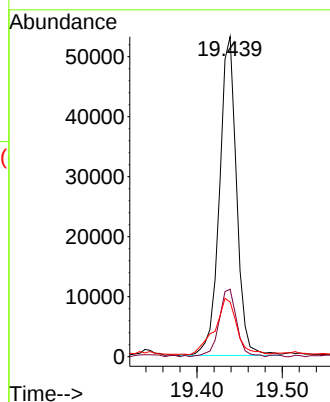
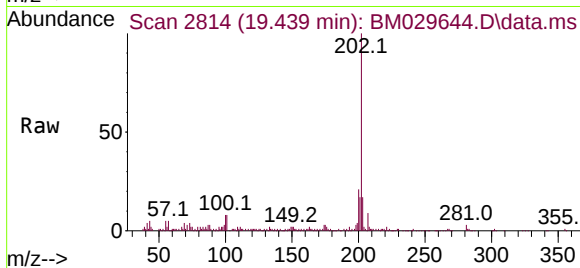




#78
Pyrene
Concen: 2.57 ng
RT: 19.439 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

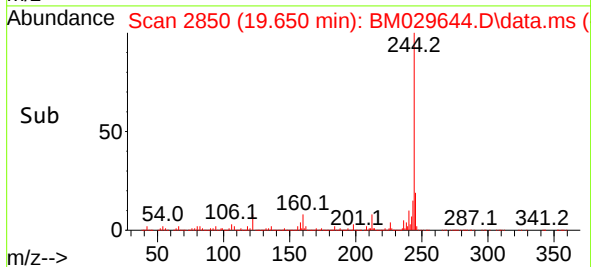
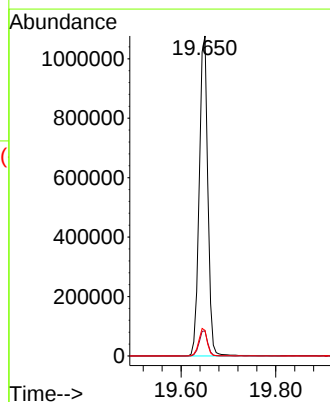
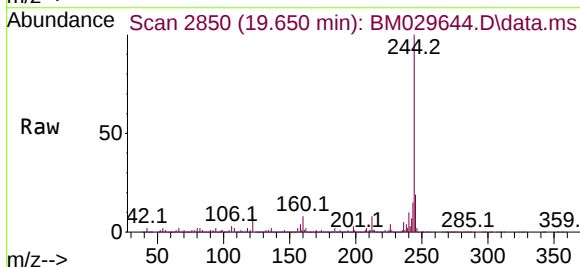
Instrument :
BNA_M
ClientSampleId :
SB-36-0-2.0

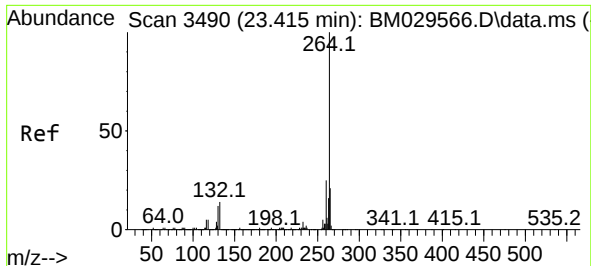
Tgt Ion:202	Resp:	74131
Ion Ratio	Lower	Upper
202	100	
200	21.1	17.3 25.9
203	17.1	13.9 20.9



#79
Terphenyl-d14
Concen: 57.11 ng
RT: 19.650 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

Tgt Ion:244	Resp:	1351983
Ion Ratio	Lower	Upper
244	100	
212	7.9	6.3 9.5
122	8.0	6.9 10.3

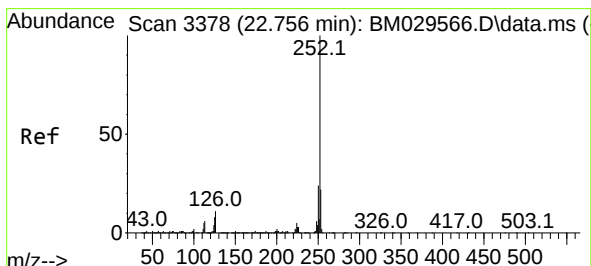
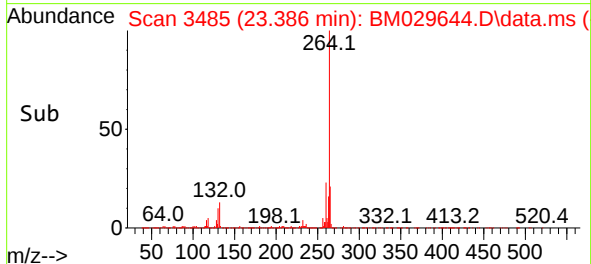
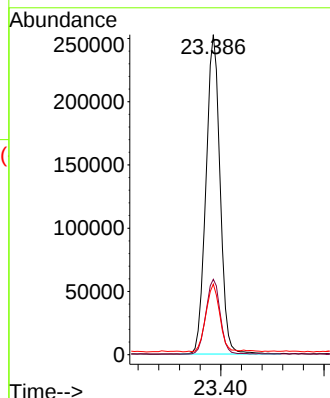
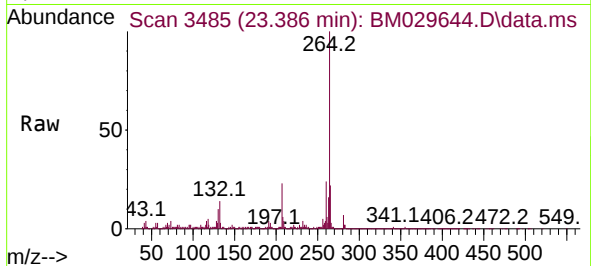




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.386 min Scan# 3485
Delta R.T. -0.006 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

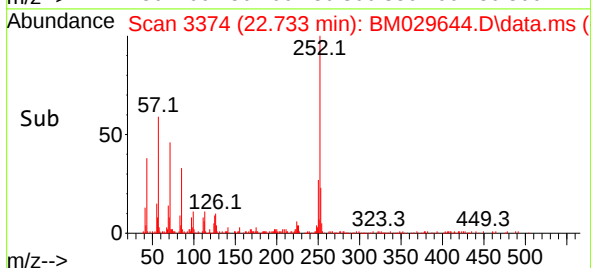
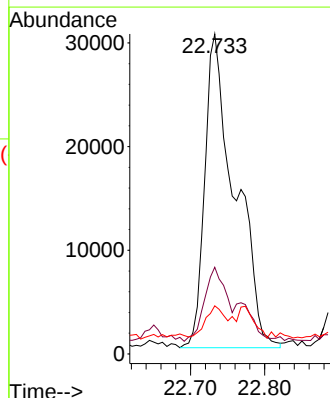
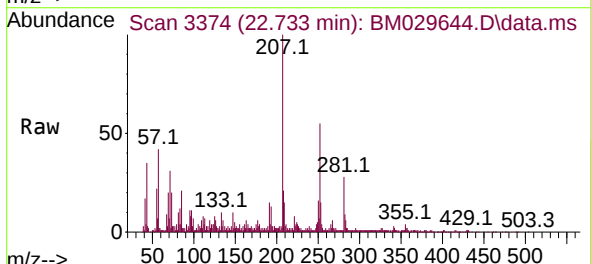
Instrument :
BNA_M
ClientSampleId :
SB-36-0-2.0

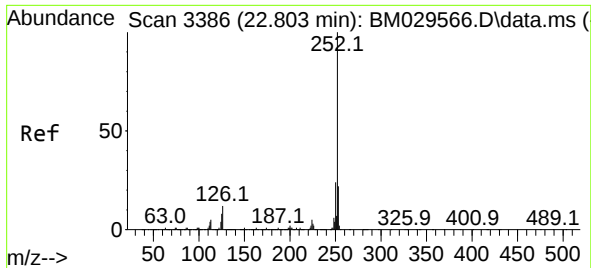
Tgt Ion:	264	Resp:	477944
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.8	29.8
265	22.1	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 2.75 ng
RT: 22.733 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

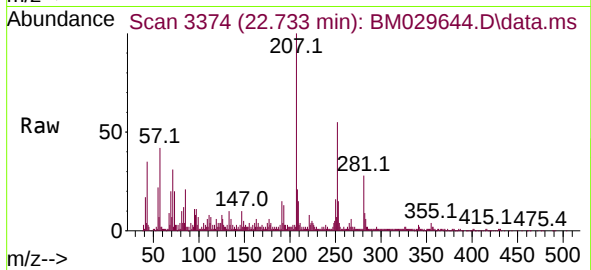
Tgt Ion:	252	Resp:	85739
Ion Ratio	Lower	Upper	
252	100		
253	27.1	17.4	26.0#
125	15.1	6.8	10.2#





#89
Benzo(k)fluoranthene
Concen: 2.74 ng
RT: 22.733 min Scan# 3374
Delta R.T. -0.053 min
Lab File: BM029644.D
Acq: 24 Apr 2021 19:08

Instrument :
BNA_M
ClientSampleId :
SB-36-0-2.0



Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.4	26.2#
125	15.1	6.2	9.2#

