

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029621.D
 Acq On : 23 Apr 2021 20:07
 Operator : CG/JU
 Sample : M2107-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-33-0-2.0

Quant Time: Apr 26 02:10:41 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)

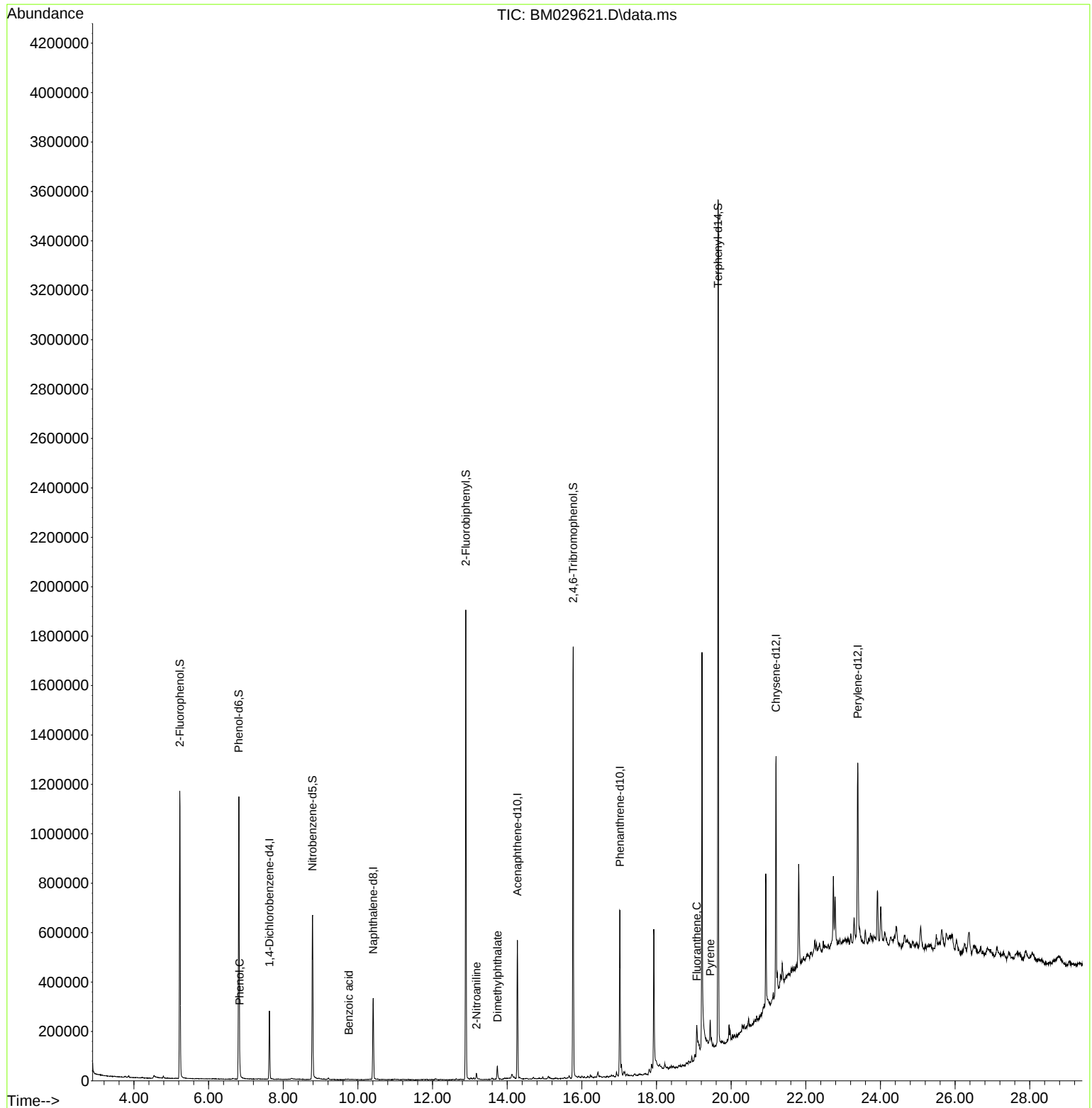
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	73858	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	263877	20.00	ng	0.00
39) Acenaphthene-d10	14.274	164	177495	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	401372	20.00	ng	0.00
76) Chrysene-d12	21.203	240	451939	20.00	ng	0.00
86) Perylene-d12	23.391	264	471492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	464986	126.22	ng	0.00
7) Phenol-d6	6.810	99	585175	106.35	ng	0.00
23) Nitrobenzene-d5	8.786	82	389344	75.99	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	296877	120.94	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	952430	72.83	ng	0.00
79) Terphenyl-d14	19.650	244	1562134	65.53	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.834	94	12429	2.33	ng	# 76
32) Benzoic acid	9.757	122	178	7.27	ng	89
48) 2-Nitroaniline	13.174	65	812	3.12	ng	# 4
50) Dimethylphthalate	13.739	163	34083	2.54	ng	97
75) Fluoranthene	19.080	202	62075	2.21	ng	99
78) Pyrene	19.439	202	58571	2.01	ng	98

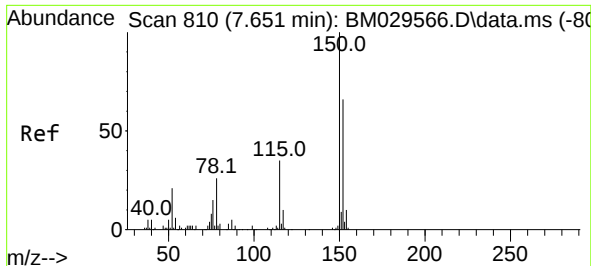
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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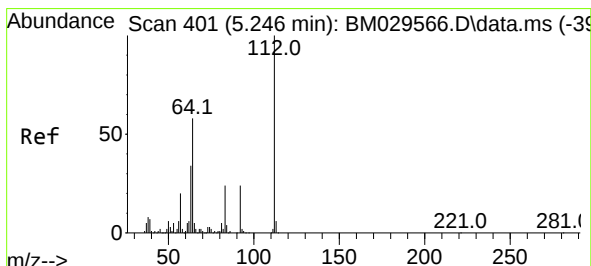
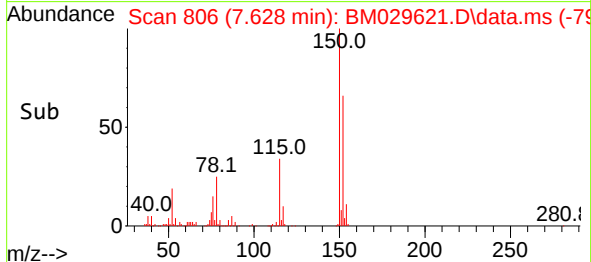
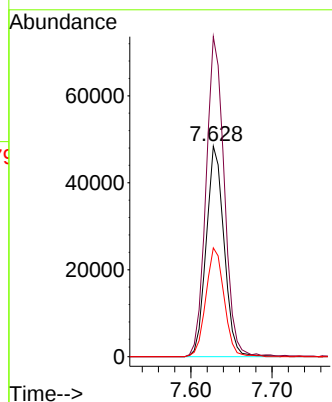
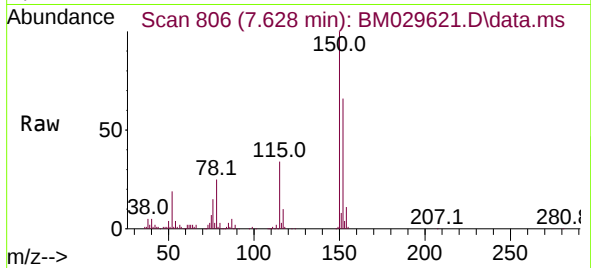




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.628 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

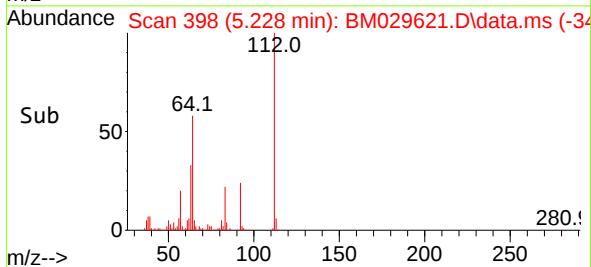
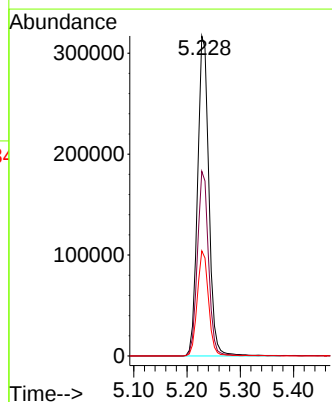
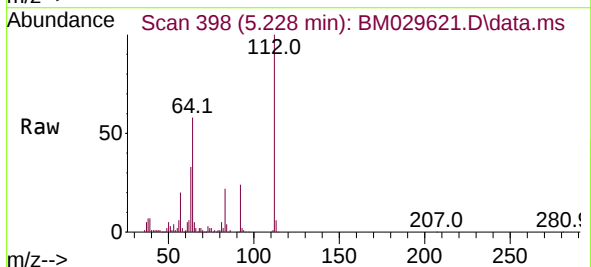
Instrument :
BNA_M
ClientSampleId :
SB-33-0-2.0

Tgt Ion:152 Resp: 73858
Ion Ratio Lower Upper
152 100
150 151.9 125.9 188.9
115 51.6 44.6 67.0



#5
2-Fluorophenol
Concen: 126.22 ng
RT: 5.228 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

Tgt Ion:112 Resp: 464986
Ion Ratio Lower Upper
112 100
64 57.7 47.1 70.7
63 32.8 27.3 40.9

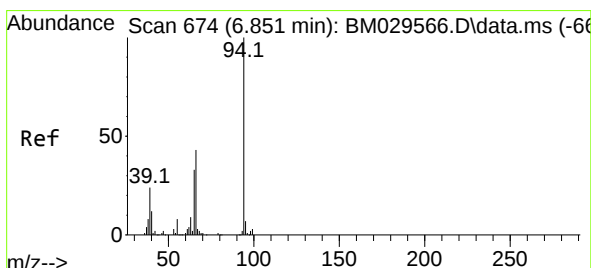
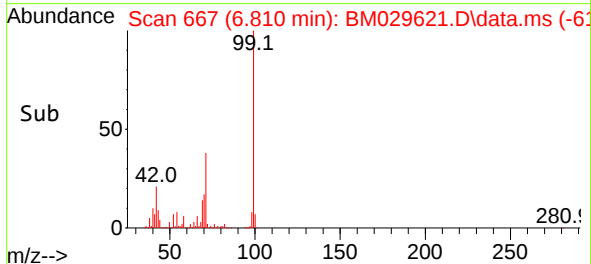
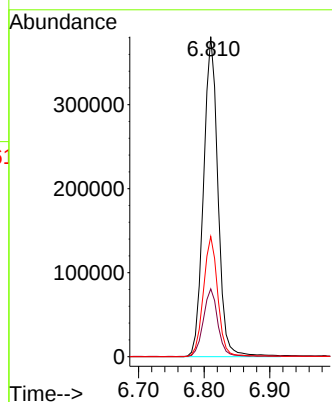
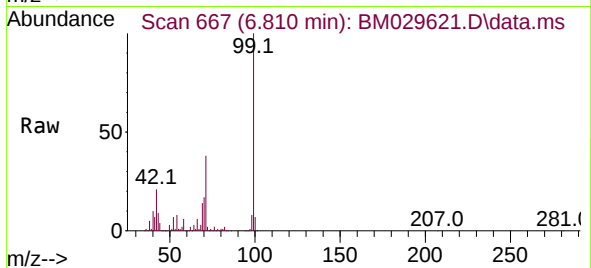




#7
Phenol-d6
Concen: 106.35 ng
RT: 6.810 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

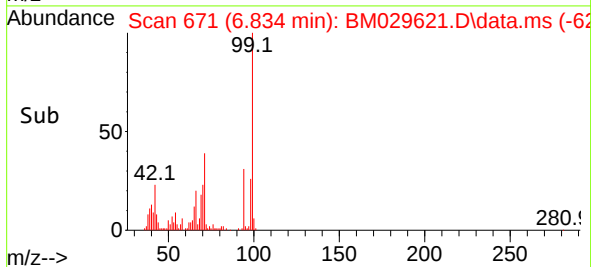
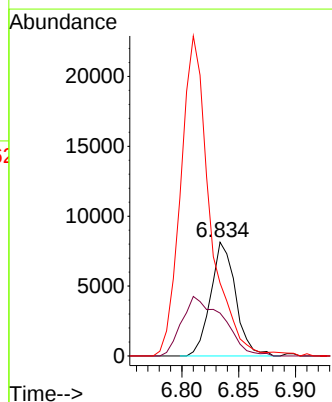
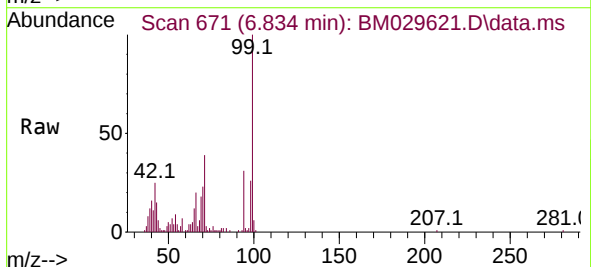
Instrument :
BNA_M
ClientSampleId :
SB-33-0-2.0

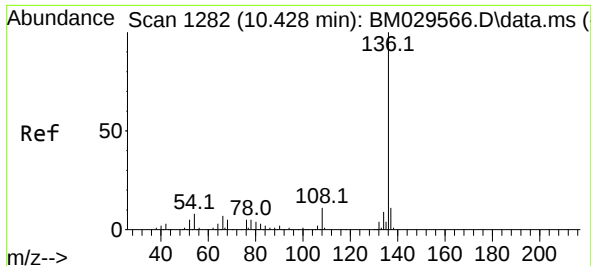
Tgt Ion: 99 Resp: 585175
Ion Ratio Lower Upper
99 100
42 21.2 18.0 27.0
71 37.6 30.9 46.3



#10
Phenol
Concen: 2.33 ng
RT: 6.834 min Scan# 671
Delta R.T. -0.006 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

Tgt Ion: 94 Resp: 12429
Ion Ratio Lower Upper
94 100
65 37.7 11.9 51.9
66 64.1 22.6 62.6#

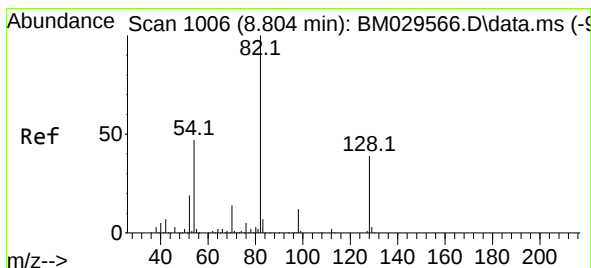
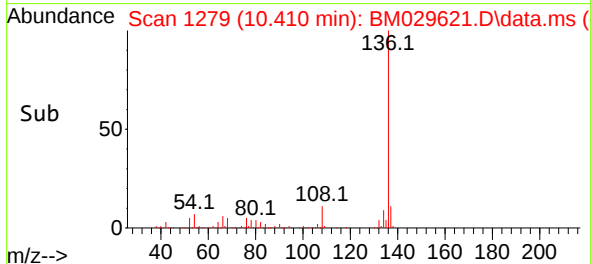
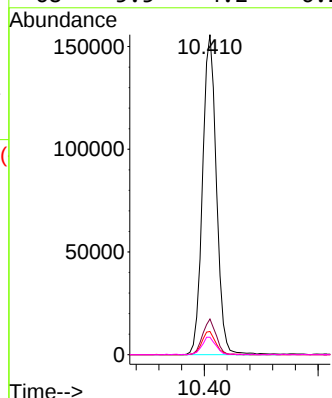
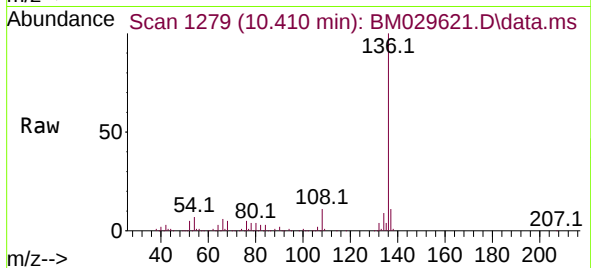




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

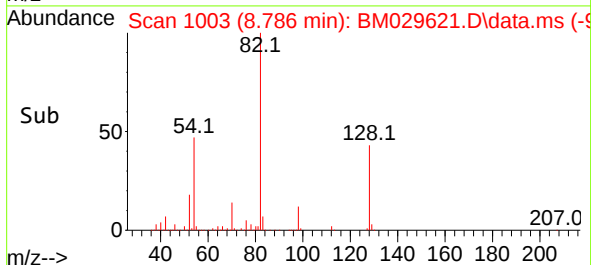
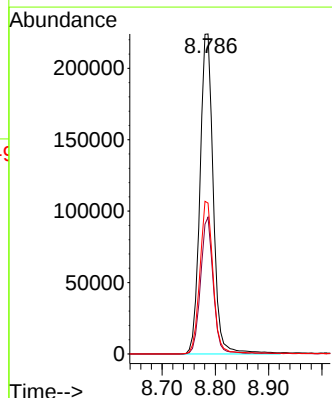
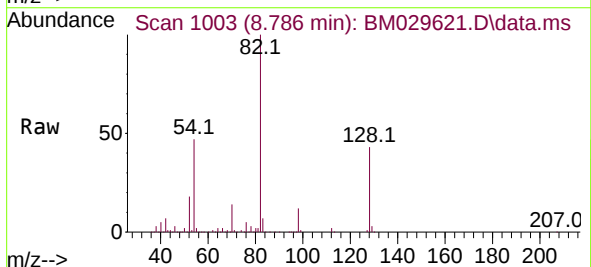
Instrument :
BNA_M
ClientSampleId :
SB-33-0-2.0

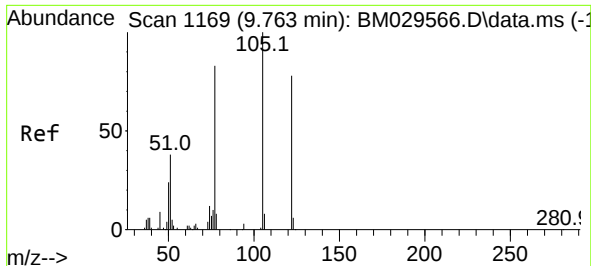
Tgt	Ion:136	Resp:	263877
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.3	5.5	8.3
68	5.5	4.2	6.2



#23
Nitrobenzene-d5
Concen: 75.99 ng
RT: 8.786 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

Tgt Ion: 82	Resp: 389344
Ion Ratio	Lower Upper
82 100	
128 42.7	31.1 46.7
54 47.1	37.3 55.9

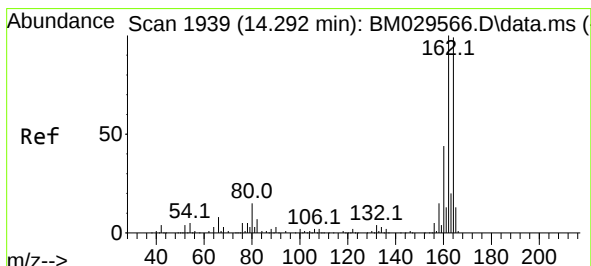
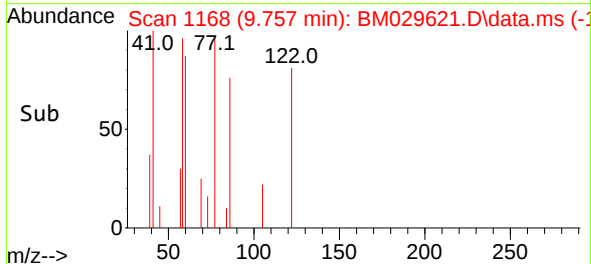
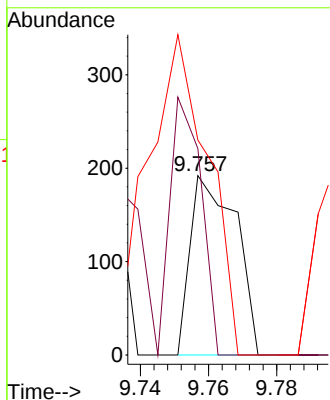
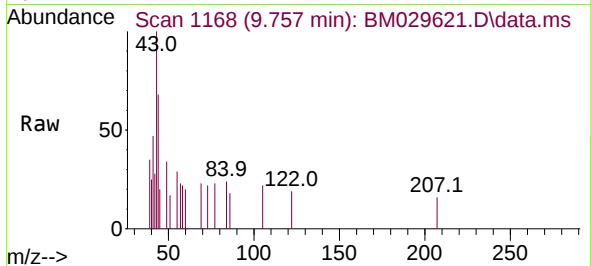




#32
Benzoic acid
Concen: 7.27 ng
RT: 9.757 min Scan# 1168
Delta R.T. 0.011 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

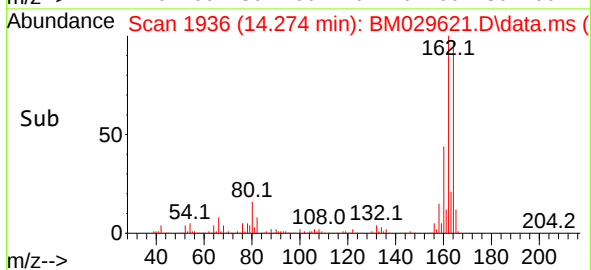
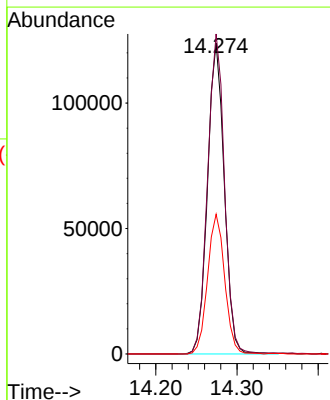
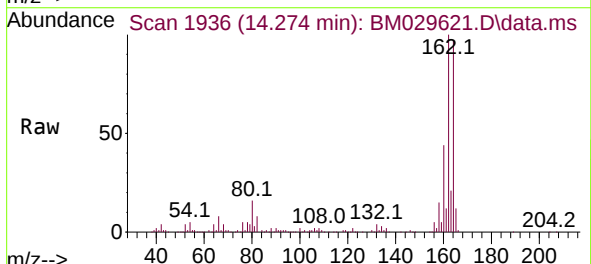
Instrument :
BNA_M
ClientSampleId :
SB-33-0-2.0

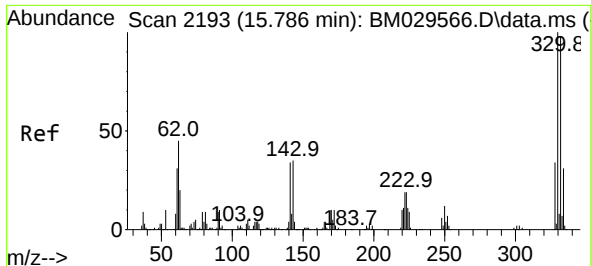
Tgt Ion:122 Resp: 178
Ion Ratio Lower Upper
122 100
105 115.1 107.3 147.3
77 119.8 88.0 128.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.274 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

Tgt Ion:164 Resp: 177495
Ion Ratio Lower Upper
164 100
162 102.9 83.4 125.0
160 44.9 37.2 55.8

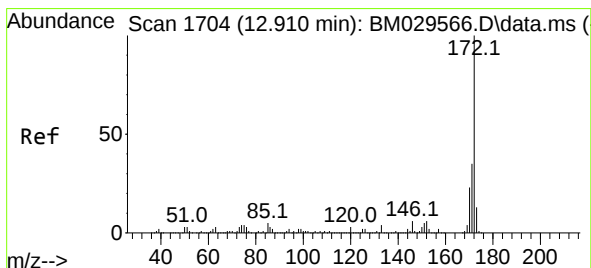
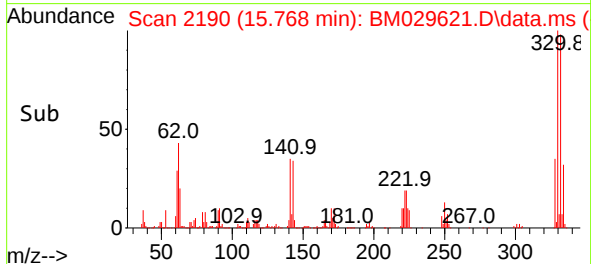
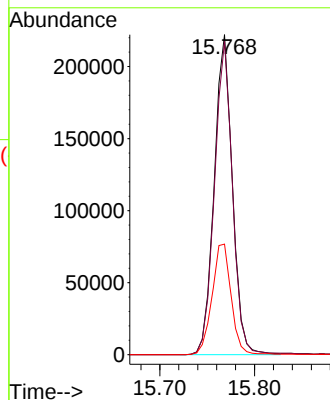
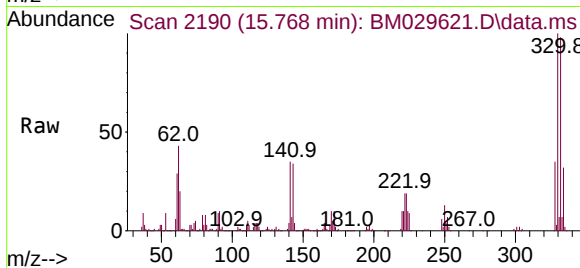




#42
2,4,6-Tribromophenol
Concen: 120.94 ng
RT: 15.768 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

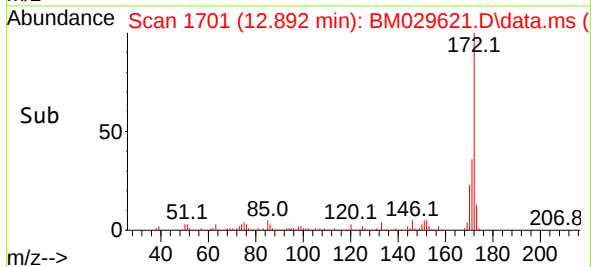
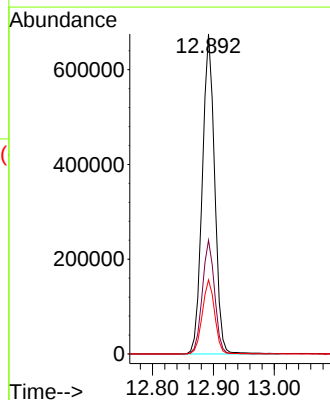
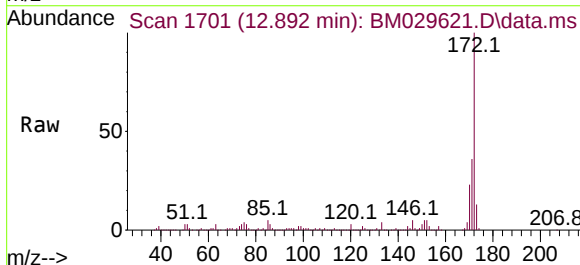
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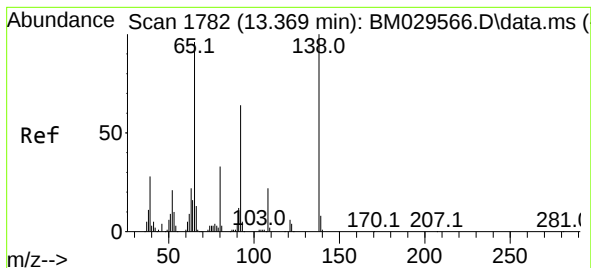
Tgt Ion:330 Resp: 296877
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 36.6 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 72.83 ng
RT: 12.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

Tgt Ion:172 Resp: 952430
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.2 18.4 27.6

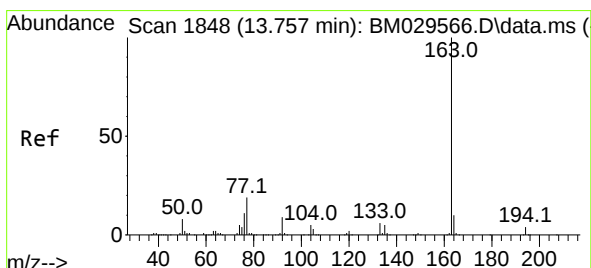
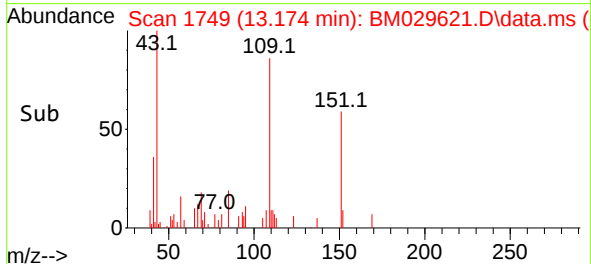
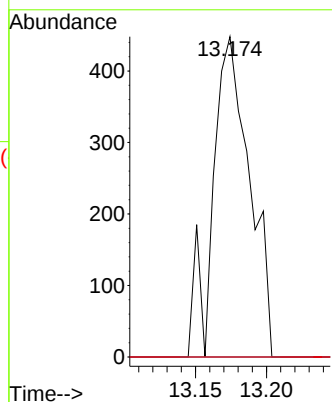
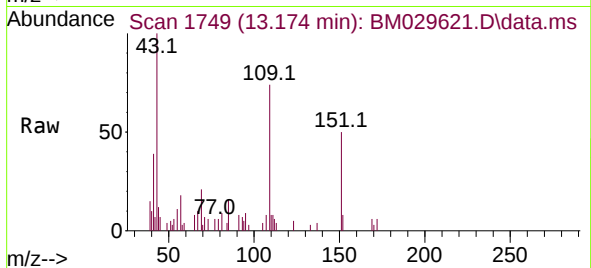




#48
2-Nitroaniline
Concen: 3.12 ng
RT: 13.174 min Scan# 1749
Delta R.T. -0.183 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

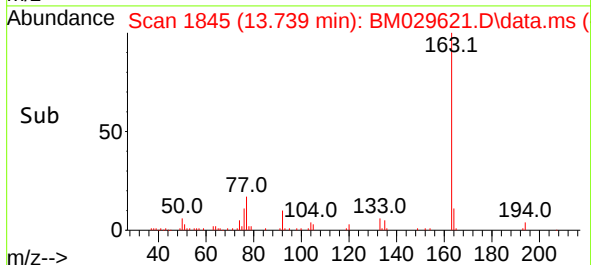
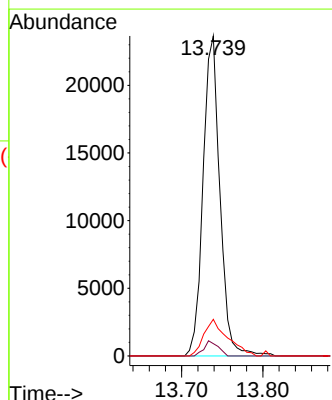
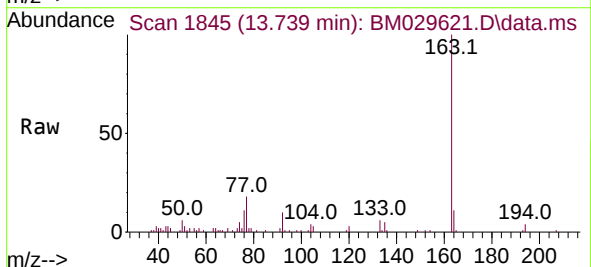
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ClientSampleId :
SB-33-0-2.0

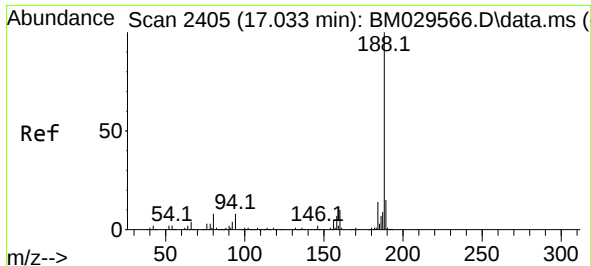
Tgt Ion: 65 Resp: 812
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#50
Dimethylphthalate
Concen: 2.54 ng
RT: 13.739 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

Tgt Ion: 163 Resp: 34083
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 11.5 7.9 11.9

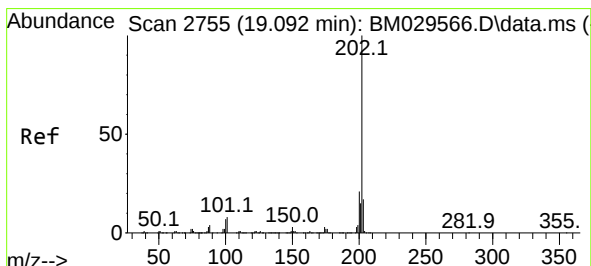
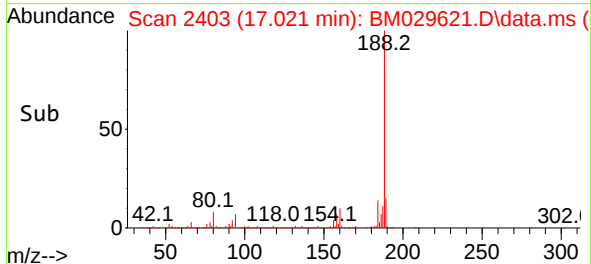
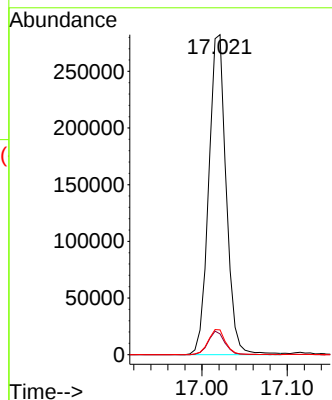
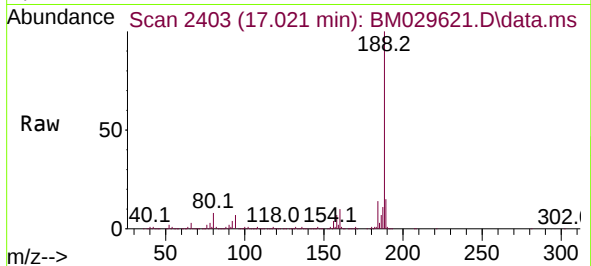




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.021 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

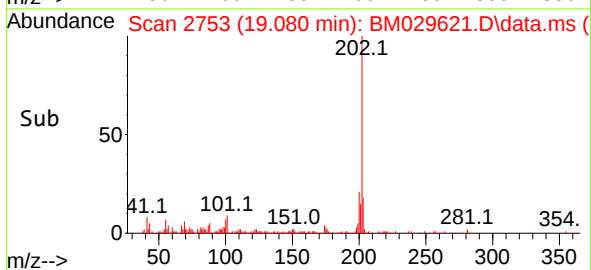
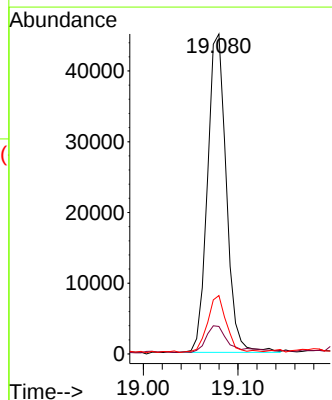
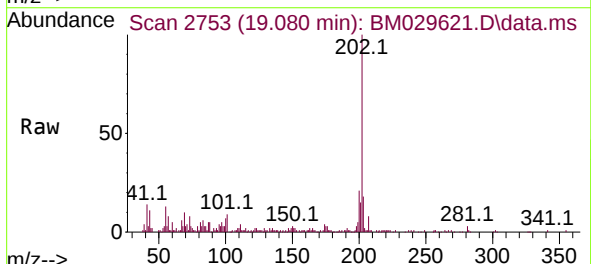
Instrument :
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SB-33-0-2.0

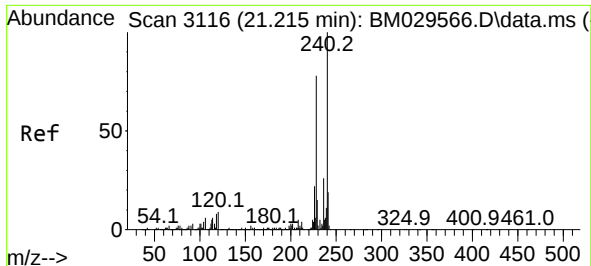
Tgt Ion:188 Resp: 401372
Ion Ratio Lower Upper
188 100
94 6.5 6.0 9.0
80 7.7 6.6 9.8



#75
Fluoranthene
Concen: 2.21 ng
RT: 19.080 min Scan# 2753
Delta R.T. -0.000 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

Tgt Ion:202 Resp: 62075
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.6
203 18.3 0.0 37.3

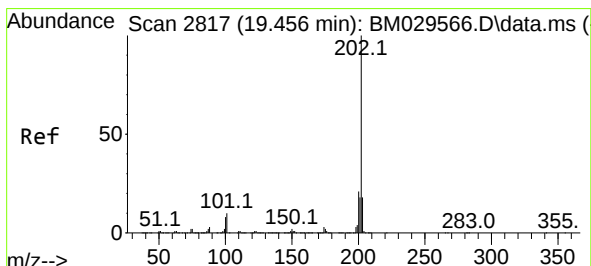
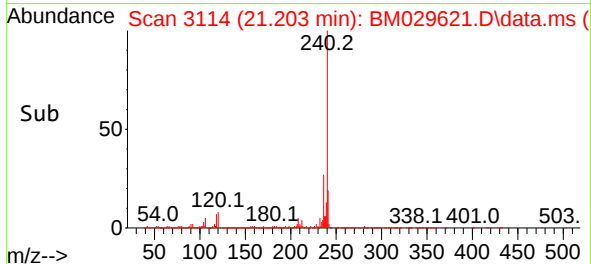
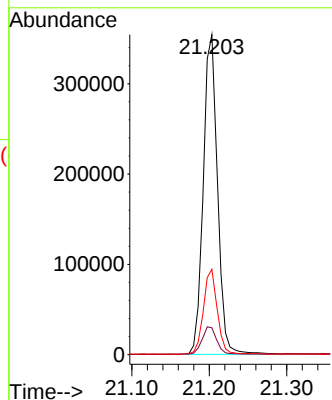
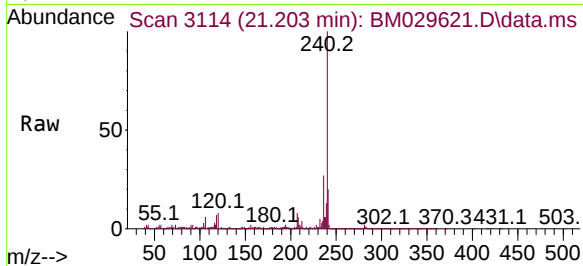




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

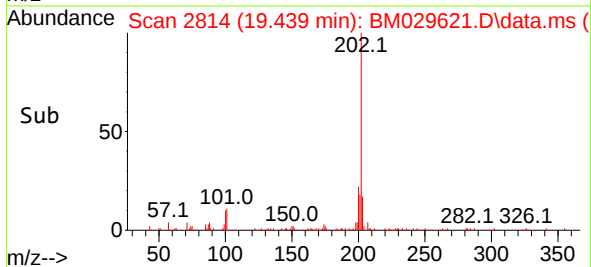
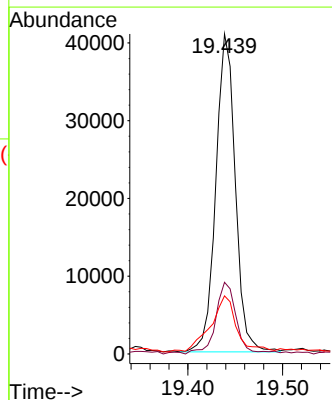
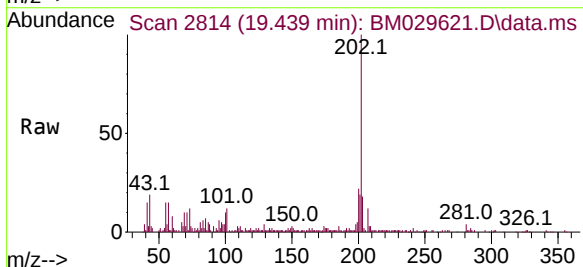
Instrument :
BNA_M
ClientSampleId :
SB-33-0-2.0

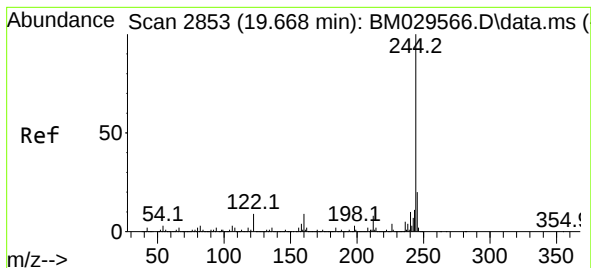
Tgt Ion:240 Resp: 451939
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 26.6 21.0 31.4



#78
Pyrene
Concen: 2.01 ng
RT: 19.439 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BM029621.D
Acq: 23 Apr 2021 20:07

Tgt Ion:202 Resp: 58571
Ion Ratio Lower Upper
202 100
200 22.4 17.3 25.9
203 18.2 13.9 20.9





#79

Terphenyl-d14

Concen: 65.53 ng

RT: 19.650 min Scan# 2850

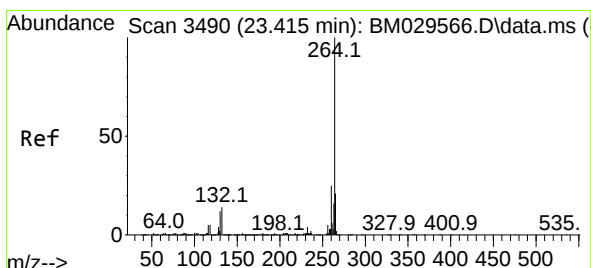
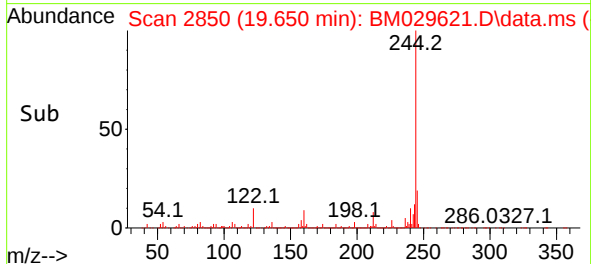
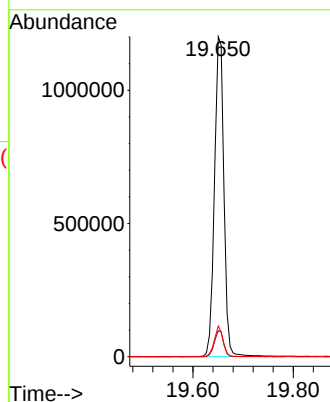
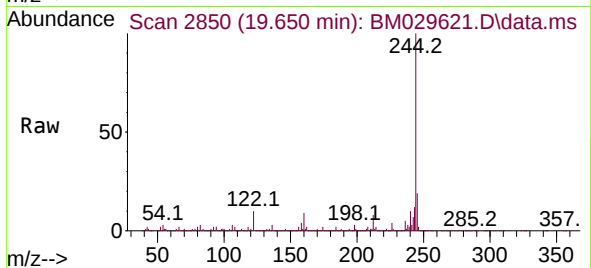
Delta R.T. -0.006 min

Lab File: BM029621.D

Acq: 23 Apr 2021 20:07

Tgt Ion:244 Resp: 1562134

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	9.6	6.9	10.3



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.391 min Scan# 3486

Delta R.T. -0.000 min

Lab File: BM029621.D

Acq: 23 Apr 2021 20:07

Tgt Ion:264 Resp: 471492

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.9	17.7	26.5

