

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029624.D
 Acq On : 23 Apr 2021 21:56
 Operator : CG/JU
 Sample : M2107-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-35-0-2.0

Quant Time: Apr 26 02:11:08 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)

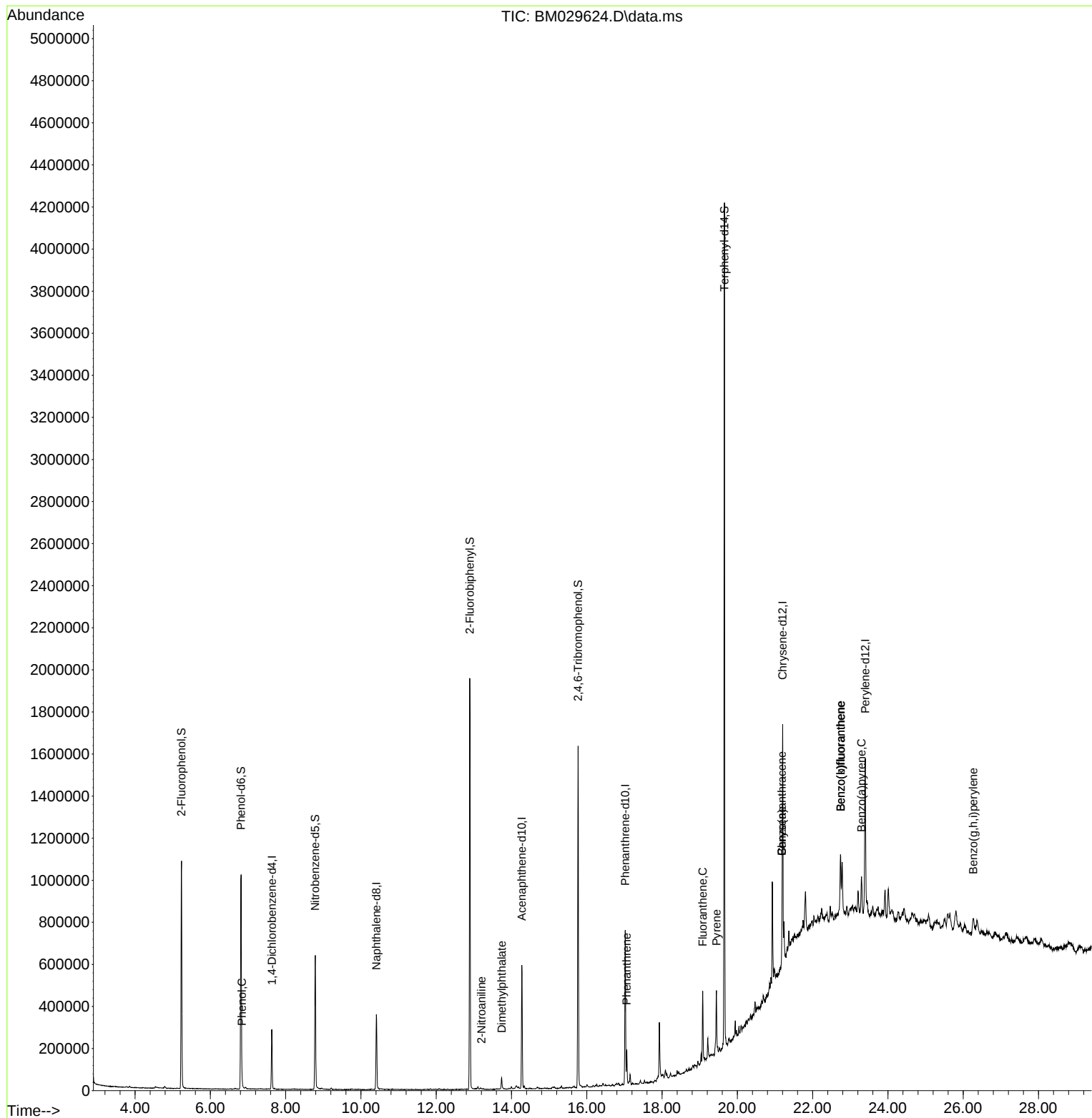
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	79852	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	287075	20.00	ng	0.00
39) Acenaphthene-d10	14.274	164	194403	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	433091	20.00	ng	0.00
76) Chrysene-d12	21.203	240	476737	20.00	ng	0.00
86) Perylene-d12	23.397	264	495718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	433798	108.91	ng	0.00
7) Phenol-d6	6.816	99	553675	93.07	ng	0.00
23) Nitrobenzene-d5	8.786	82	369709	66.33	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	278345	103.53	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1013984	70.79	ng	0.00
79) Terphenyl-d14	19.656	244	1717062	68.28	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.839	94	16739	2.90	ng	90
48) 2-Nitroaniline	13.204	65	63	2.88	ng	# 4
50) Dimethylphthalate	13.739	163	33937	2.31	ng	98
71) Phenanthrene	17.062	178	96367	3.86	ng	100
75) Fluoranthene	19.080	202	193707	6.41	ng	98
78) Pyrene	19.444	202	179864	5.86	ng	99
81) Benzo(a)anthracene	21.186	228	112668	3.57	ng	97
83) Chrysene	21.186	228	112668	3.64	ng	94
88) Benzo(b)fluoranthene	22.744	252	190807	5.90	ng	# 82
89) Benzo(k)fluoranthene	22.744	252	190807	5.89	ng	# 82
90) Benzo(a)pyrene	23.297	252	103375	3.41	ng	# 90
92) Benzo(g,h,i)perylene	26.268	276	77530	2.54	ng	95

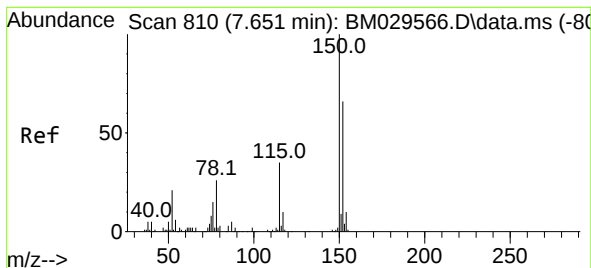
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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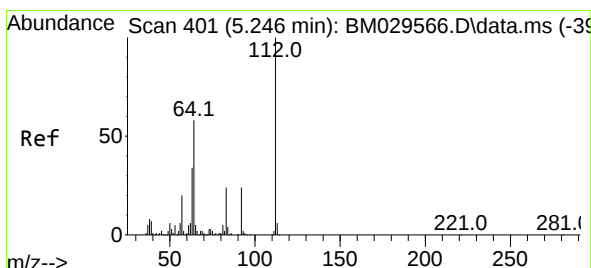
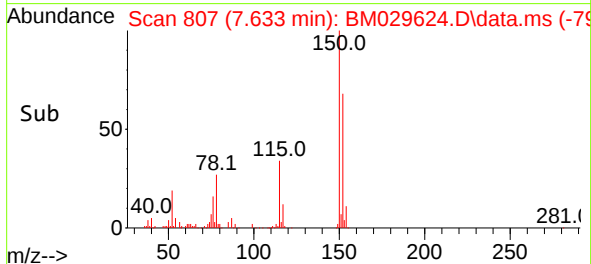
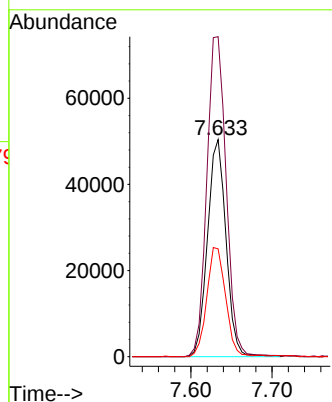
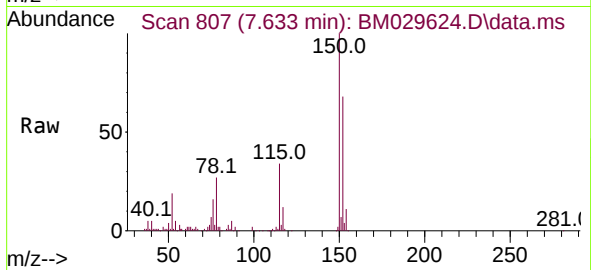




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.633 min Scan# 807
Delta R.T. -0.001 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

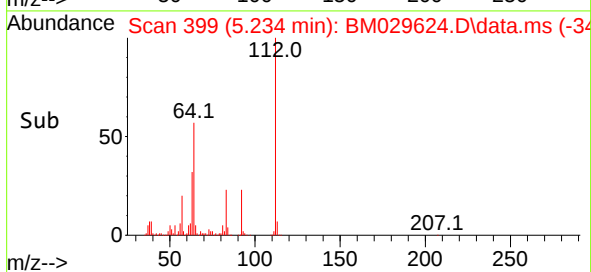
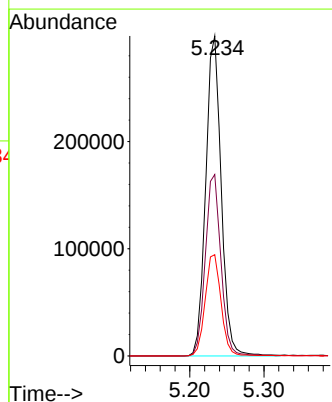
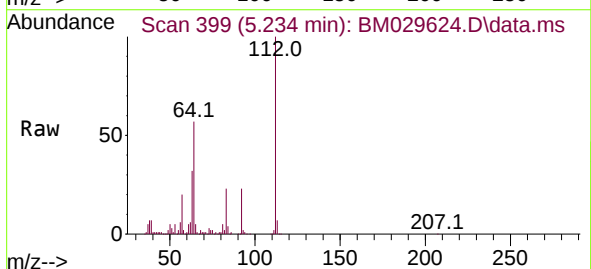
Instrument :
BNA_M
ClientSampleId :
SB-35-0-2.0

Tgt Ion:152 Resp: 79852
Ion Ratio Lower Upper
152 100
150 147.4 125.9 188.9
115 49.7 44.6 67.0



#5
2-Fluorophenol
Concen: 108.91 ng
RT: 5.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Tgt Ion:112 Resp: 433798
Ion Ratio Lower Upper
112 100
64 56.7 47.1 70.7
63 31.7 27.3 40.9

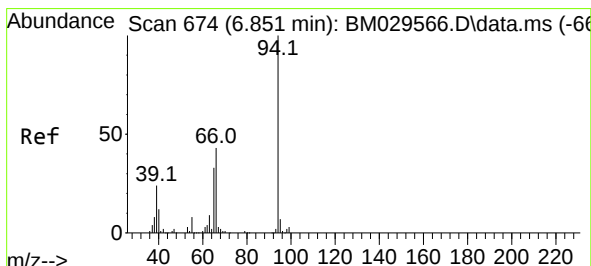
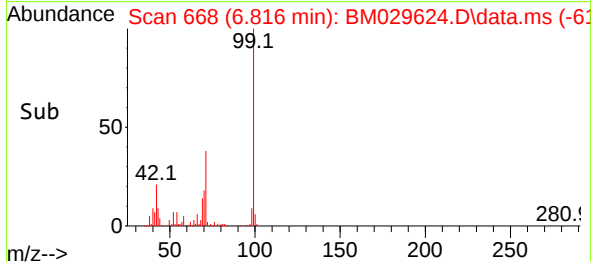
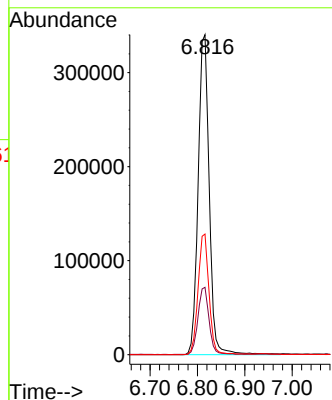
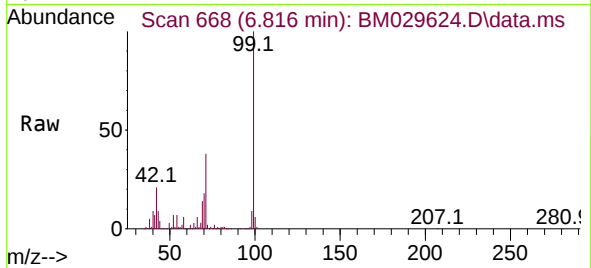




#7
Phenol-d6
Concen: 93.07 ng
RT: 6.816 min Scan# 668
Delta R.T. 0.006 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

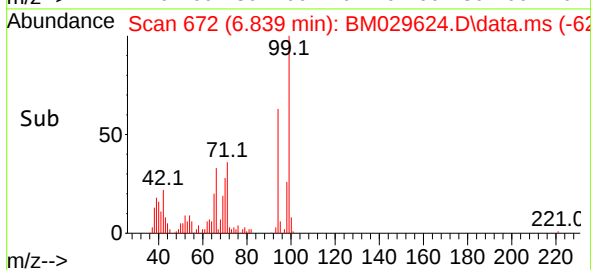
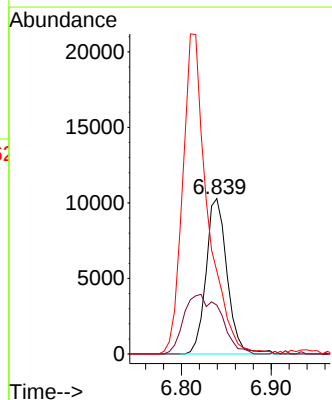
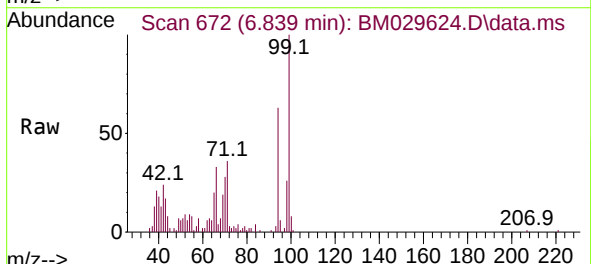
Instrument :
BNA_M
ClientSampleId :
SB-35-0-2.0

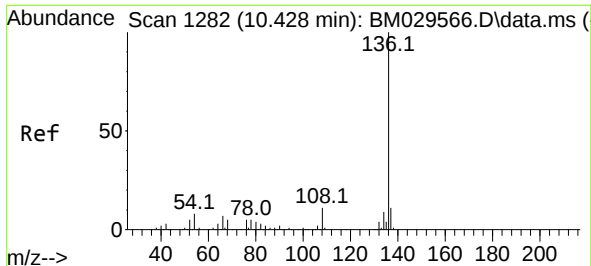
Tgt Ion: 99 Resp: 553675
Ion Ratio Lower Upper
99 100
42 21.0 18.0 27.0
71 37.7 30.9 46.3



#10
Phenol
Concen: 2.90 ng
RT: 6.839 min Scan# 672
Delta R.T. -0.000 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Tgt Ion: 94 Resp: 16739
Ion Ratio Lower Upper
94 100
65 31.4 11.9 51.9
66 53.2 22.6 62.6

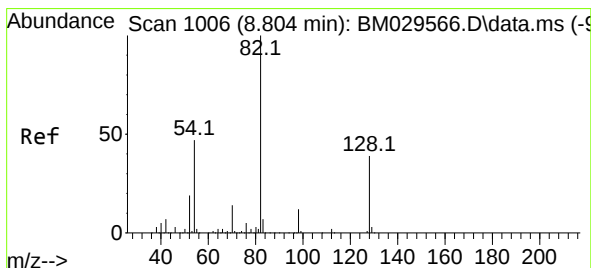
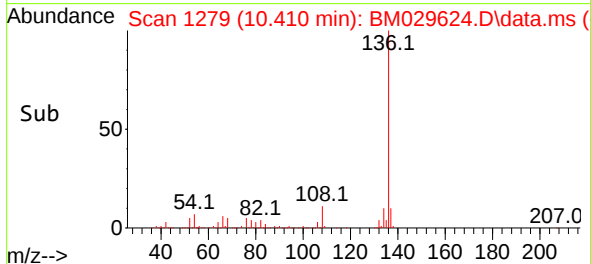
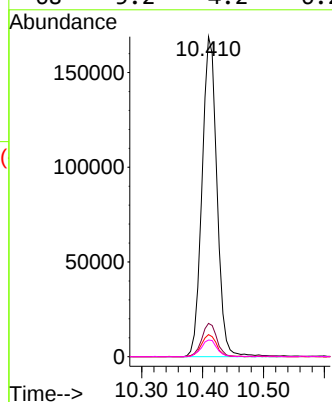
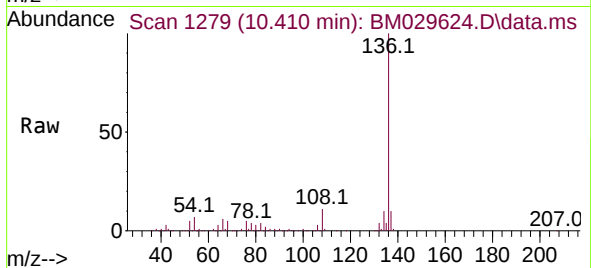




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

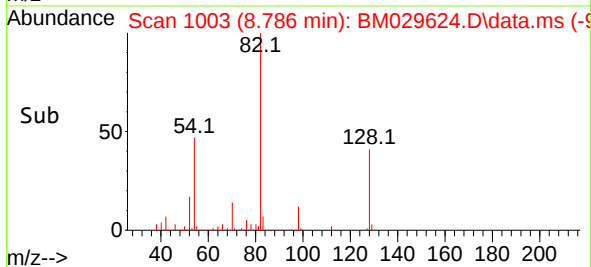
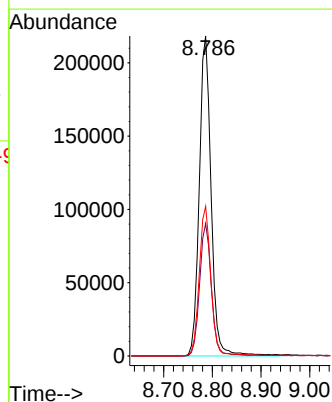
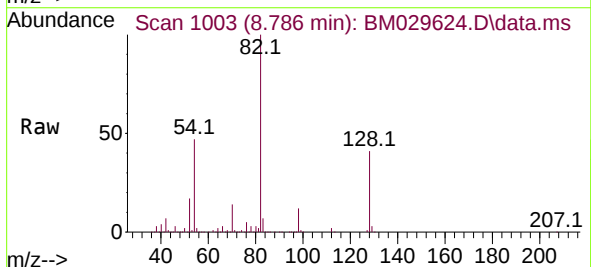
Instrument :
BNA_M
ClientSampleId :
SB-35-0-2.0

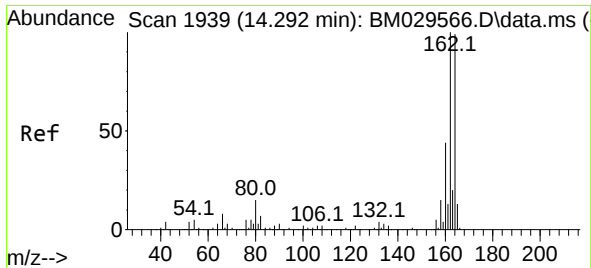
Tgt Ion:	136	Resp:	287075
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.4	12.6
54	6.9	5.5	8.3
68	5.2	4.2	6.2



#23
Nitrobenzene-d5
Concen: 66.33 ng
RT: 8.786 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Tgt Ion:	82	Resp:	369709
Ion Ratio	Lower	Upper	
82	100		
128	41.4	31.1	46.7
54	46.7	37.3	55.9

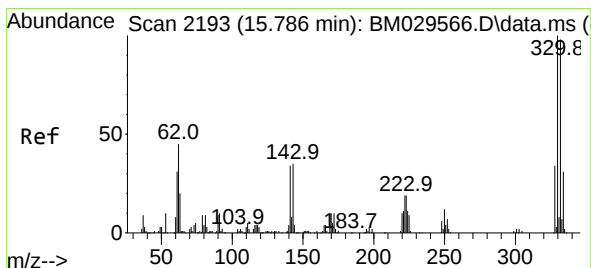
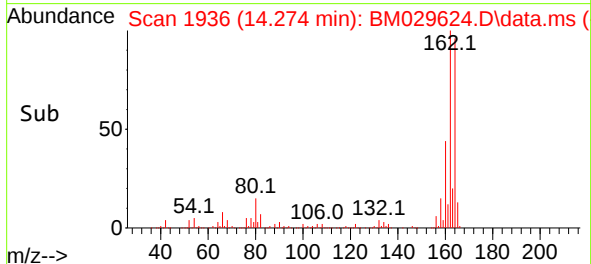
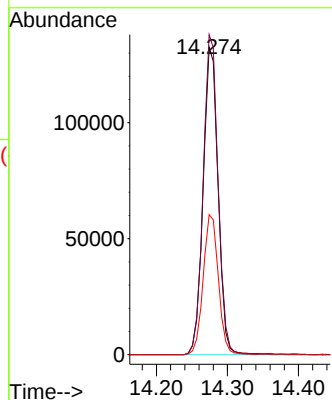
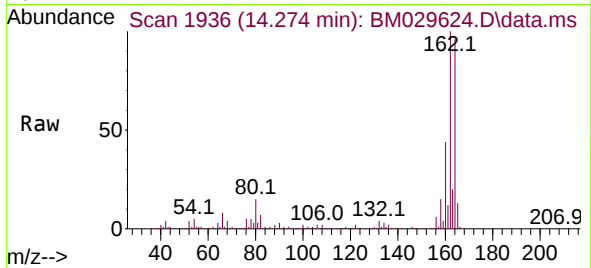




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.274 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

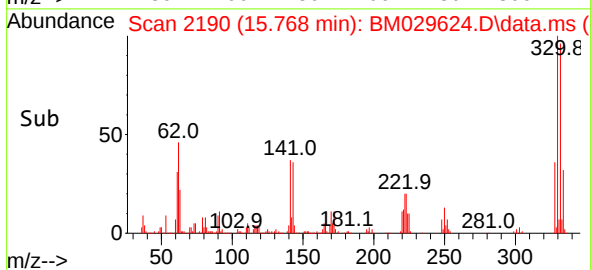
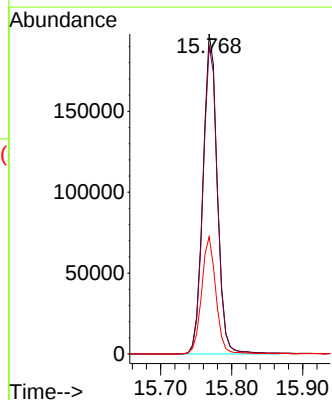
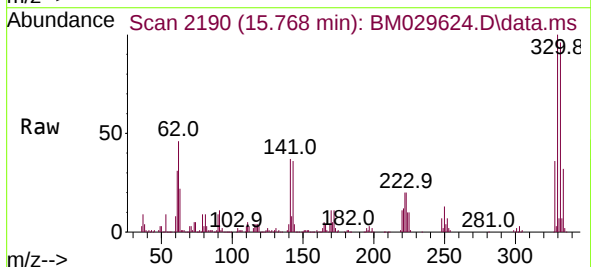
Instrument :
BNA_M
ClientSampleId :
SB-35-0-2.0

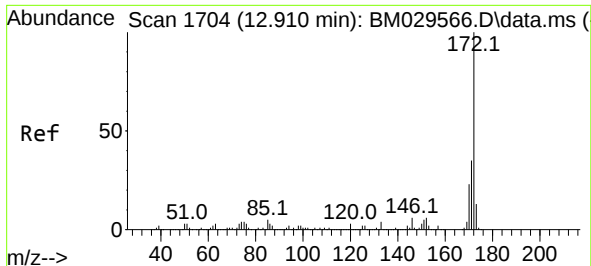
Tgt Ion:164 Resp: 194403
Ion Ratio Lower Upper
164 100
162 104.1 83.4 125.0
160 45.6 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 103.53 ng
RT: 15.768 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Tgt Ion:330 Resp: 278345
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 36.3 30.2 45.2

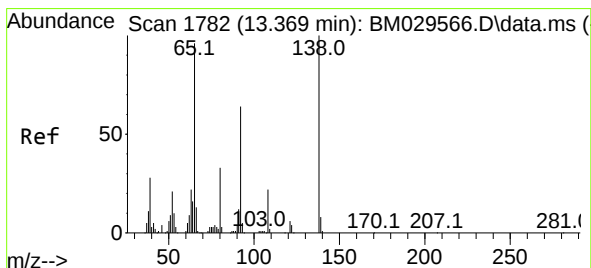
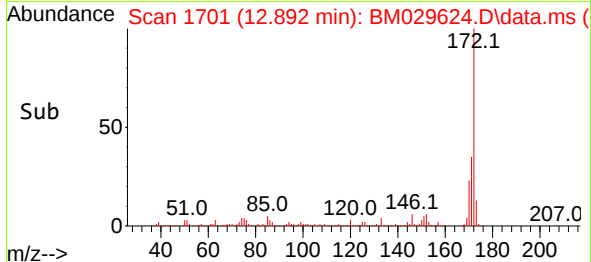
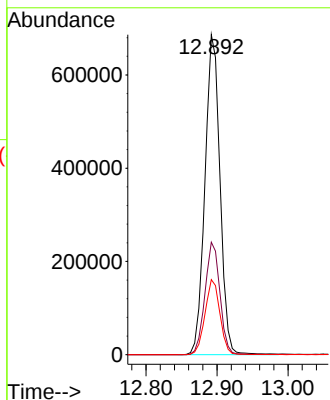
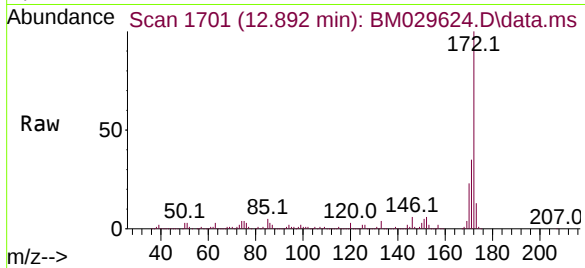




#45
2-Fluorobiphenyl
Concen: 70.79 ng
RT: 12.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

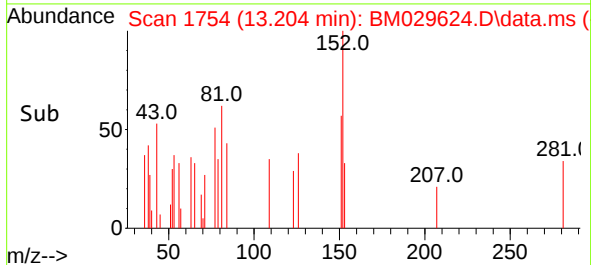
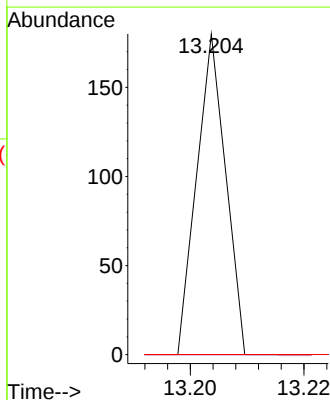
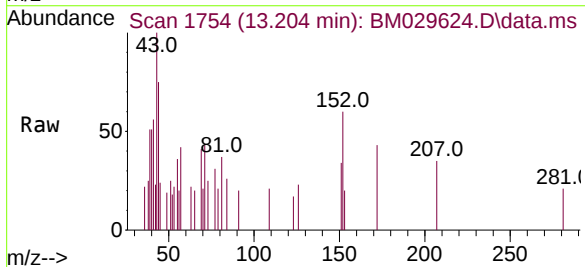
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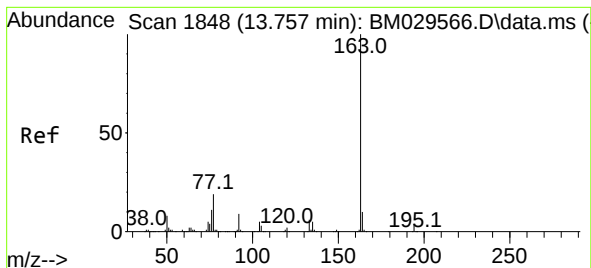
Tgt Ion:172 Resp: 1013984
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.5 18.4 27.6



#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.204 min Scan# 1754
Delta R.T. -0.153 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Tgt Ion: 65 Resp: 63
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#

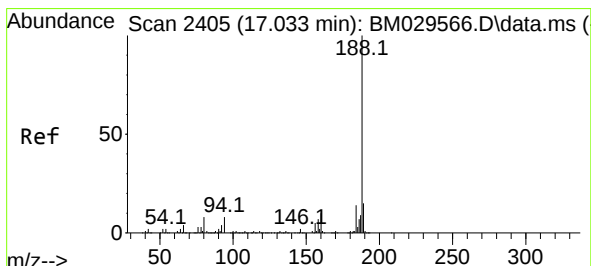
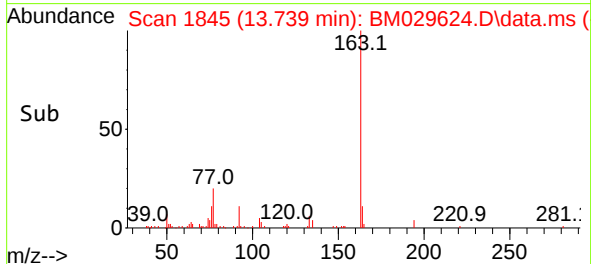
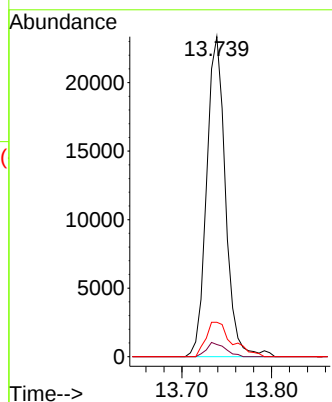
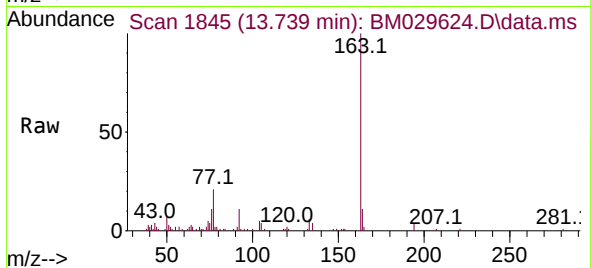




#50
Dimethylphthalate
Concen: 2.31 ng
RT: 13.739 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

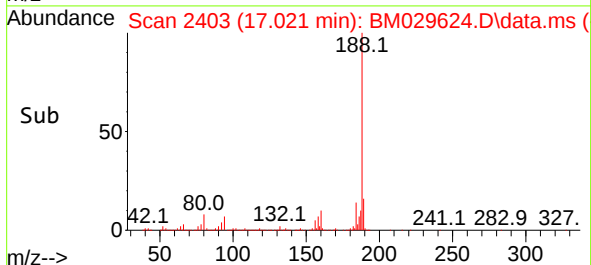
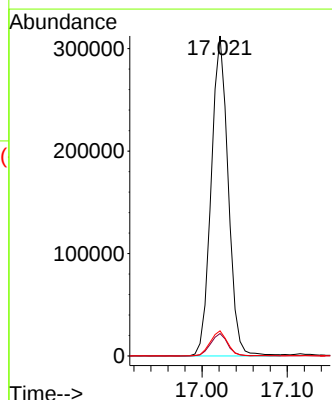
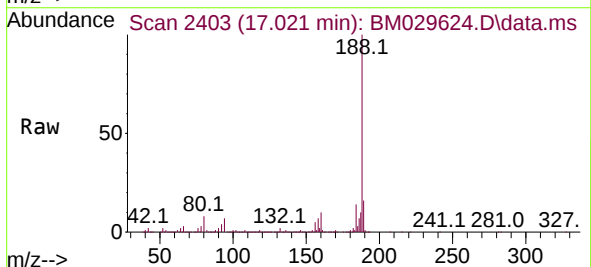
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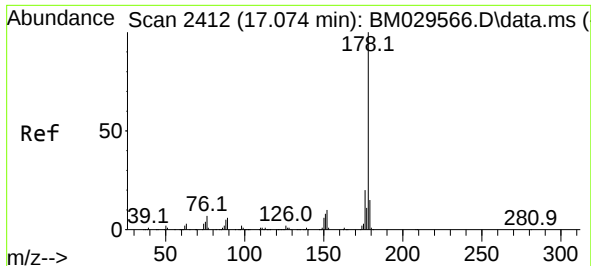
Tgt Ion:163 Resp: 33937
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.7 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.021 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Tgt Ion:188 Resp: 433091
Ion Ratio Lower Upper
188 100
94 7.0 6.0 9.0
80 7.8 6.6 9.8

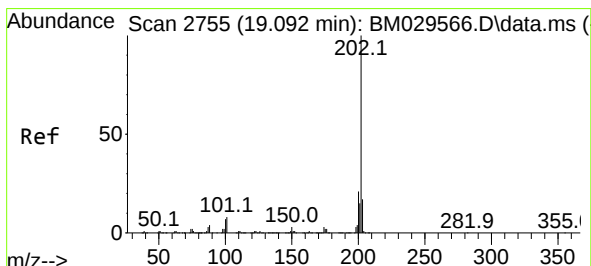
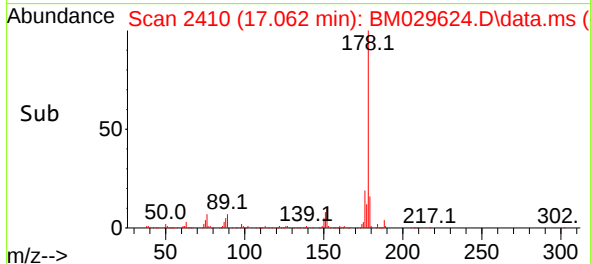
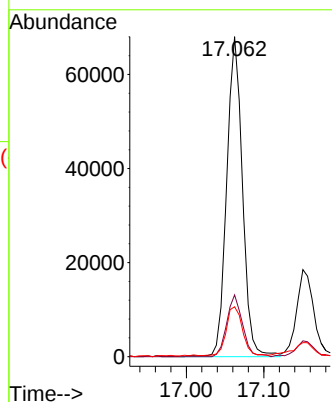
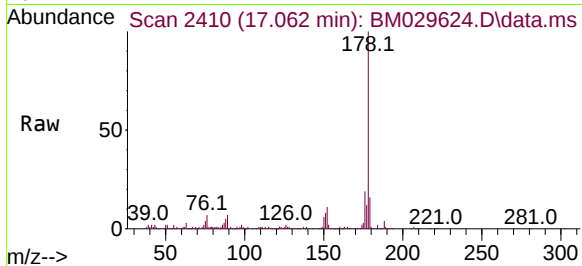




#71
Phenanthrene
Concen: 3.86 ng
RT: 17.062 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

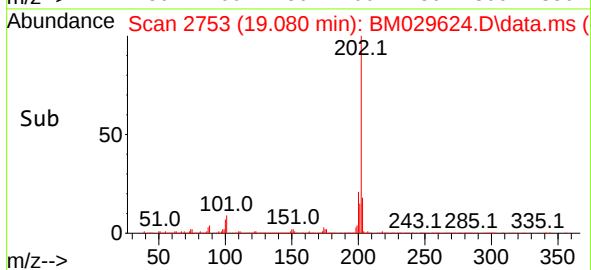
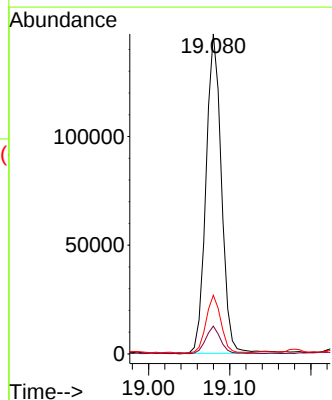
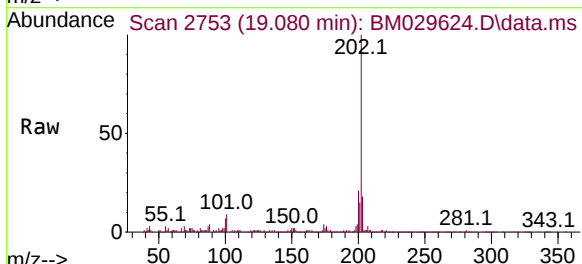
Instrument :
BNA_M
ClientSampleId :
SB-35-0-2.0

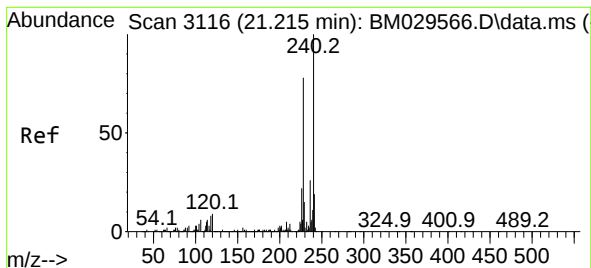
Tgt Ion:178	Resp:	96367
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.4 23.0
179	15.6	12.2 18.4



#75
Fluoranthene
Concen: 6.41 ng
RT: 19.080 min Scan# 2753
Delta R.T. -0.000 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Tgt Ion:202	Resp:	193707
Ion Ratio	Lower	Upper
202	100	
101	8.7	0.0 28.6
203	18.3	0.0 37.3

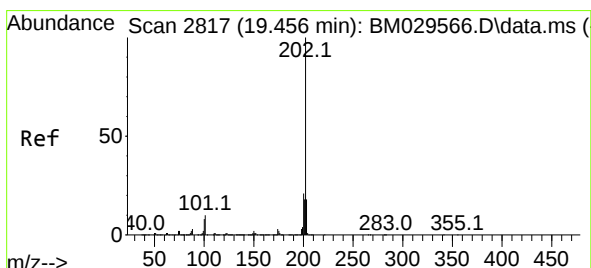
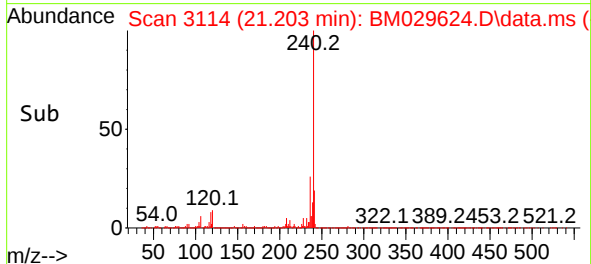
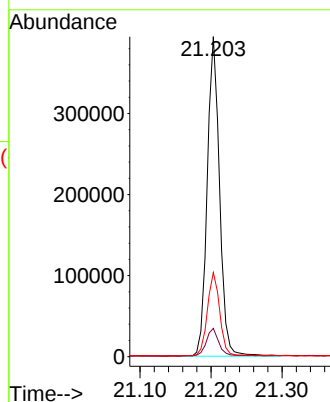
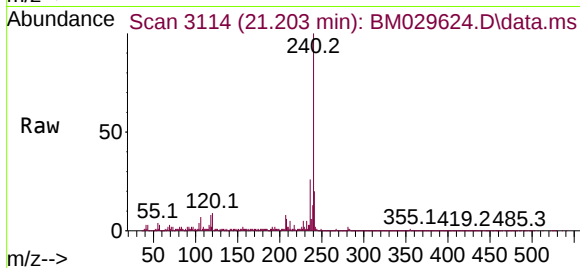




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

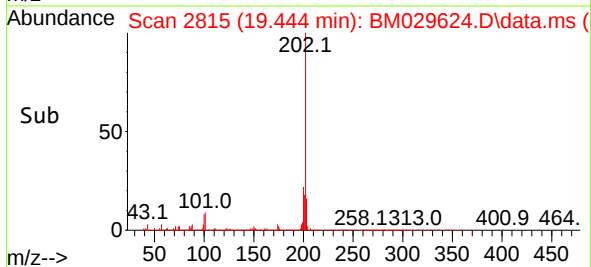
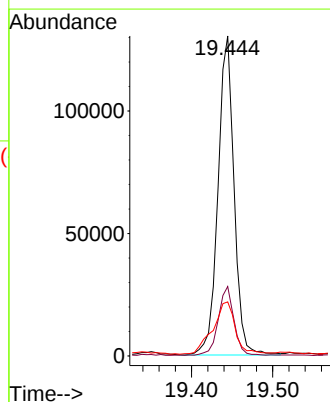
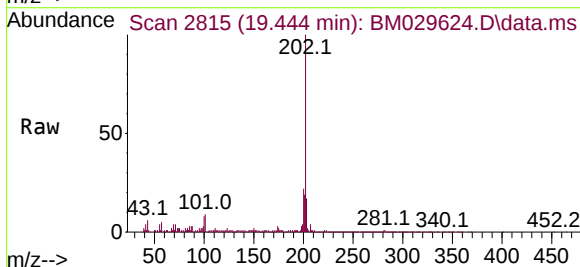
Instrument :
BNA_M
ClientSampleId :
SB-35-0-2.0

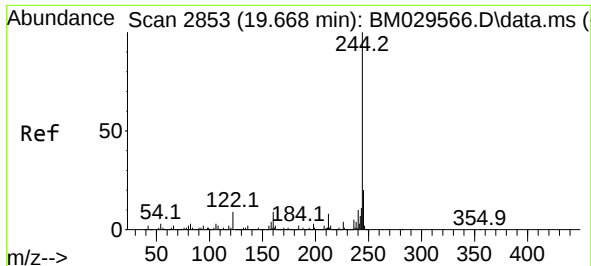
Tgt Ion:240 Resp: 476737
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.3 21.0 31.4



#78
Pyrene
Concen: 5.86 ng
RT: 19.444 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Tgt Ion:202 Resp: 179864
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 16.9 13.9 20.9

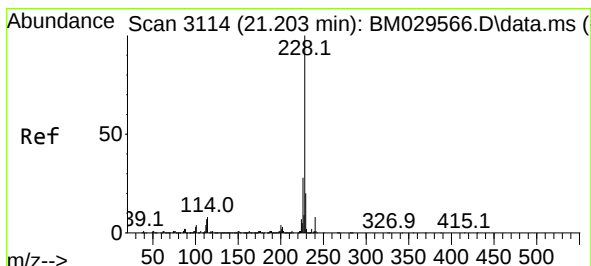
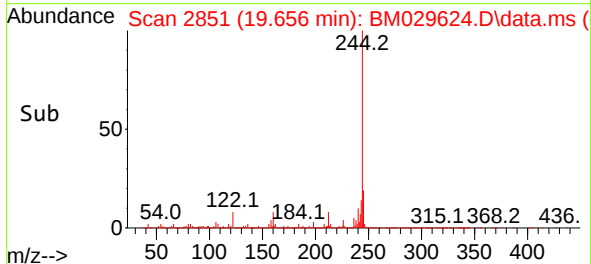
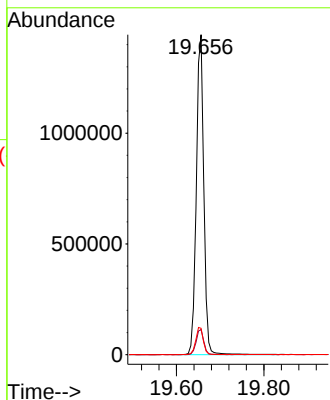
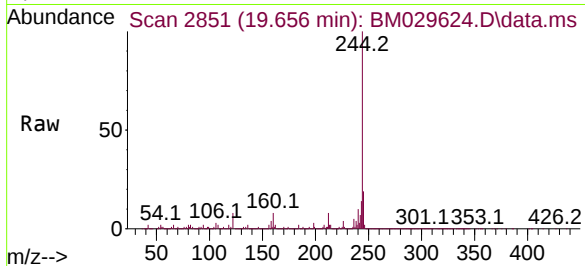




#79
Terphenyl-d14
Concen: 68.28 ng
RT: 19.656 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

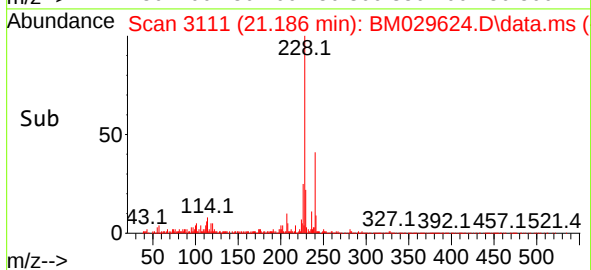
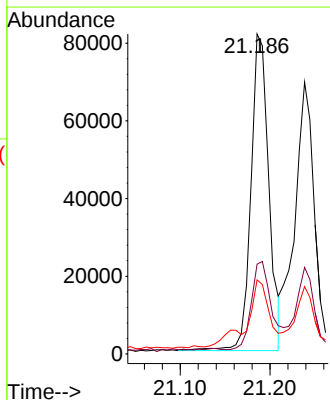
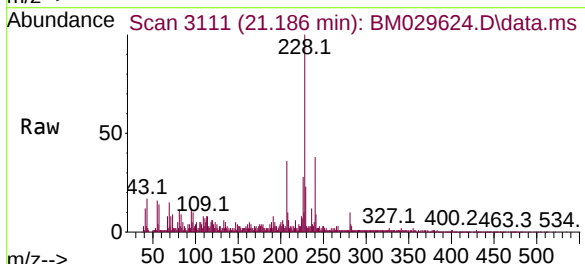
Instrument :
BNA_M
ClientSampleId :
SB-35-0-2.0

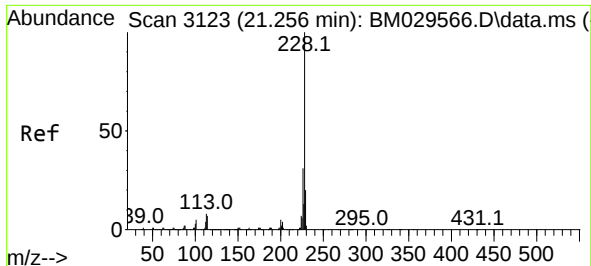
Tgt Ion:244 Resp: 1717062
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.3 6.9 10.3



#81
Benzo(a)anthracene
Concen: 3.57 ng
RT: 21.186 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Tgt Ion:228 Resp: 112668
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 23.2 15.7 23.5

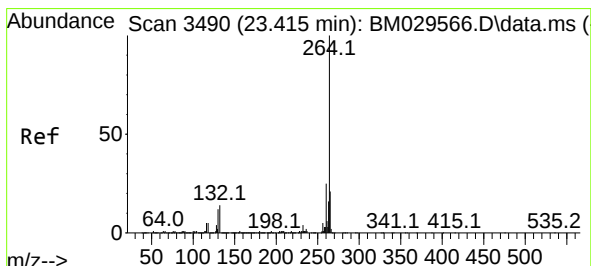
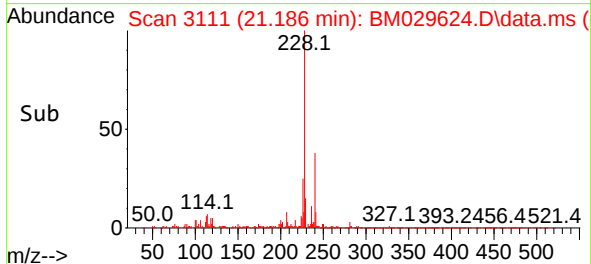
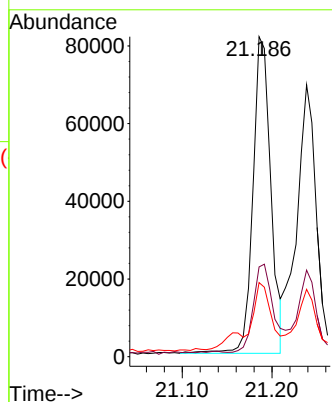
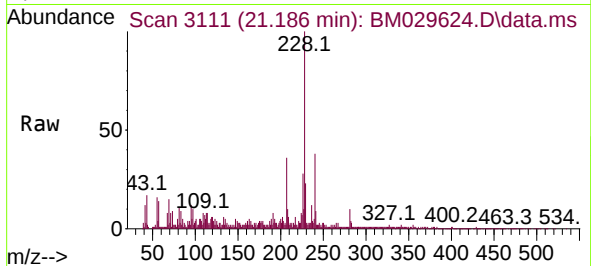




#83
Chrysene
Concen: 3.64 ng
RT: 21.186 min Scan# 3111
Delta R.T. -0.059 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

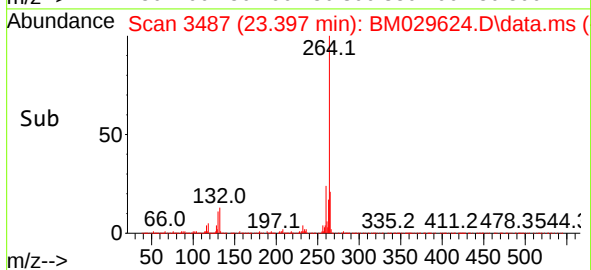
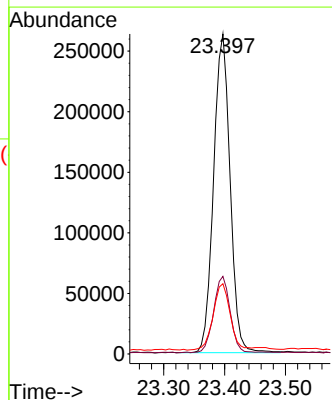
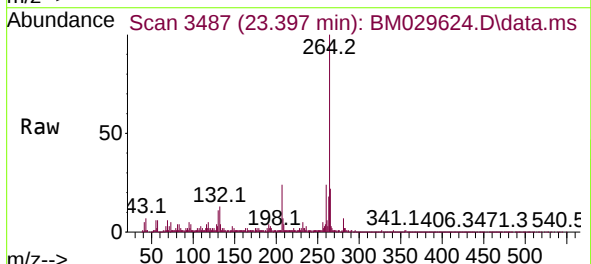
Instrument :
BNA_M
ClientSampleId :
SB-35-0-2.0

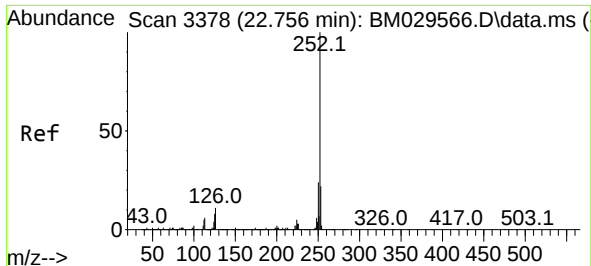
Tgt Ion:228 Resp: 112668
Ion Ratio Lower Upper
228 100
226 28.0 24.6 36.8
229 23.2 15.5 23.3



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.397 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Tgt Ion:264 Resp: 495718
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.8
265 22.0 17.7 26.5

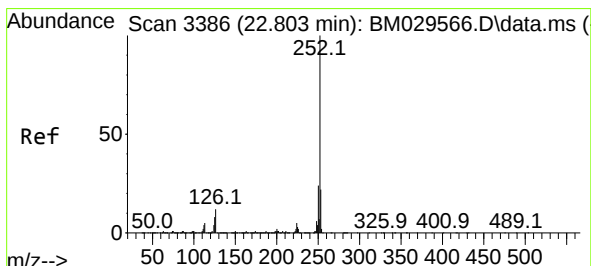
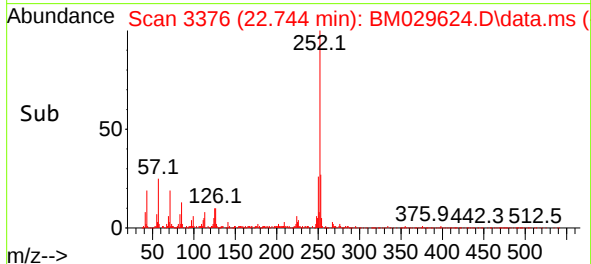
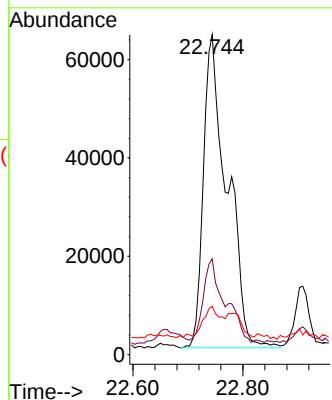
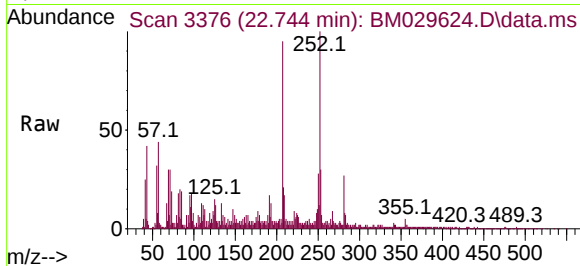




#88
Benzo(b)fluoranthene
Concen: 5.90 ng
RT: 22.744 min Scan# 3376
Delta R.T. 0.006 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

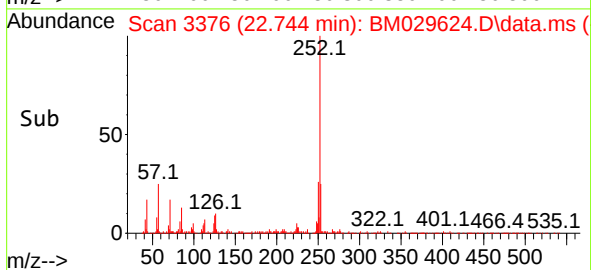
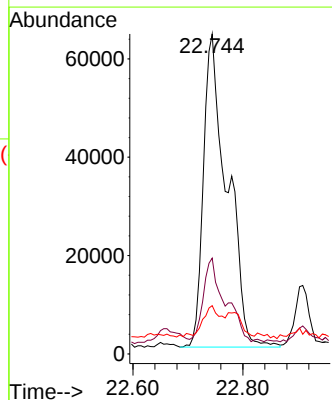
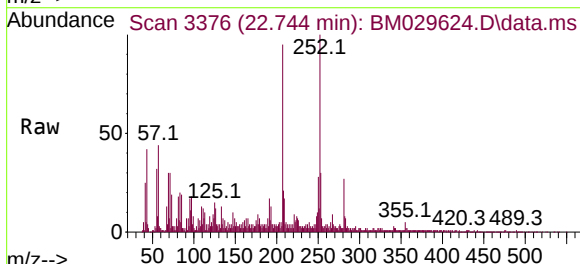
Instrument :
BNA_M
ClientSampleId :
SB-35-0-2.0

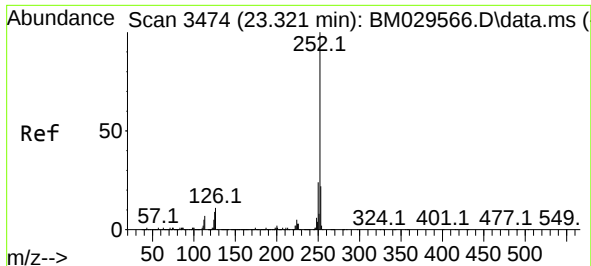
Tgt Ion:252 Resp: 190807
Ion Ratio Lower Upper
252 100
253 30.0 17.4 26.0#
125 15.1 6.8 10.2#



#89
Benzo(k)fluoranthene
Concen: 5.89 ng
RT: 22.744 min Scan# 3376
Delta R.T. -0.041 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Tgt Ion:252 Resp: 190807
Ion Ratio Lower Upper
252 100
253 30.0 17.4 26.2#
125 15.1 6.2 9.2#

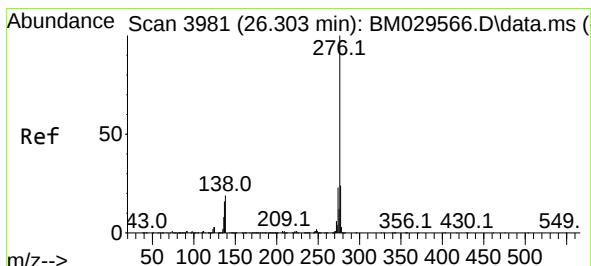
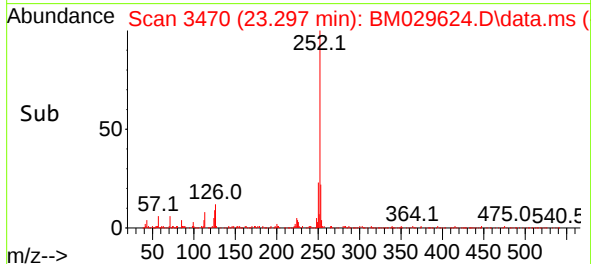
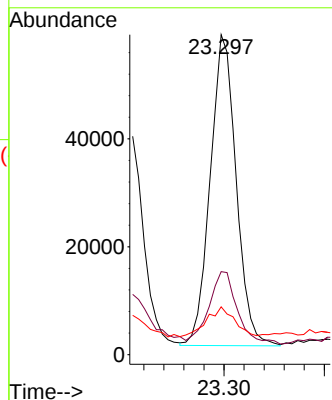
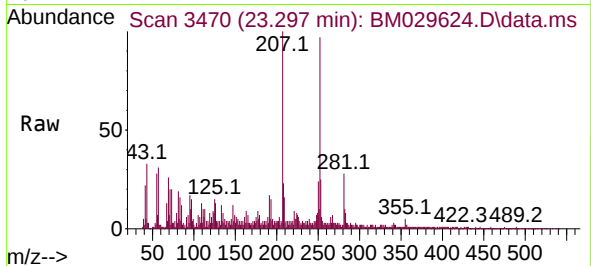




#90
Benzo(a)pyrene
Concen: 3.41 ng
RT: 23.297 min Scan# 3470
Delta R.T. -0.000 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Instrument :
BNA_M
ClientSampleId :
SB-35-0-2.0

Tgt Ion:252 Resp: 103375
Ion Ratio Lower Upper
252 100
253 26.0 17.7 26.5
125 15.0 7.3 10.9#



#92
Benzo(g,h,i)perylene
Concen: 2.54 ng
RT: 26.268 min Scan# 3975
Delta R.T. -0.000 min
Lab File: BM029624.D
Acq: 23 Apr 2021 21:56

Tgt Ion:276 Resp: 77530
Ion Ratio Lower Upper
276 100
277 25.9 19.4 29.2
138 21.4 14.4 21.6

