

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081921\
 Data File : BM031830.D
 Acq On : 19 Aug 2021 16:11
 Operator : CG/JU
 Sample : M3435-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2021-08-13-FD-04

Quant Time: Aug 19 17:10:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 14:13:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

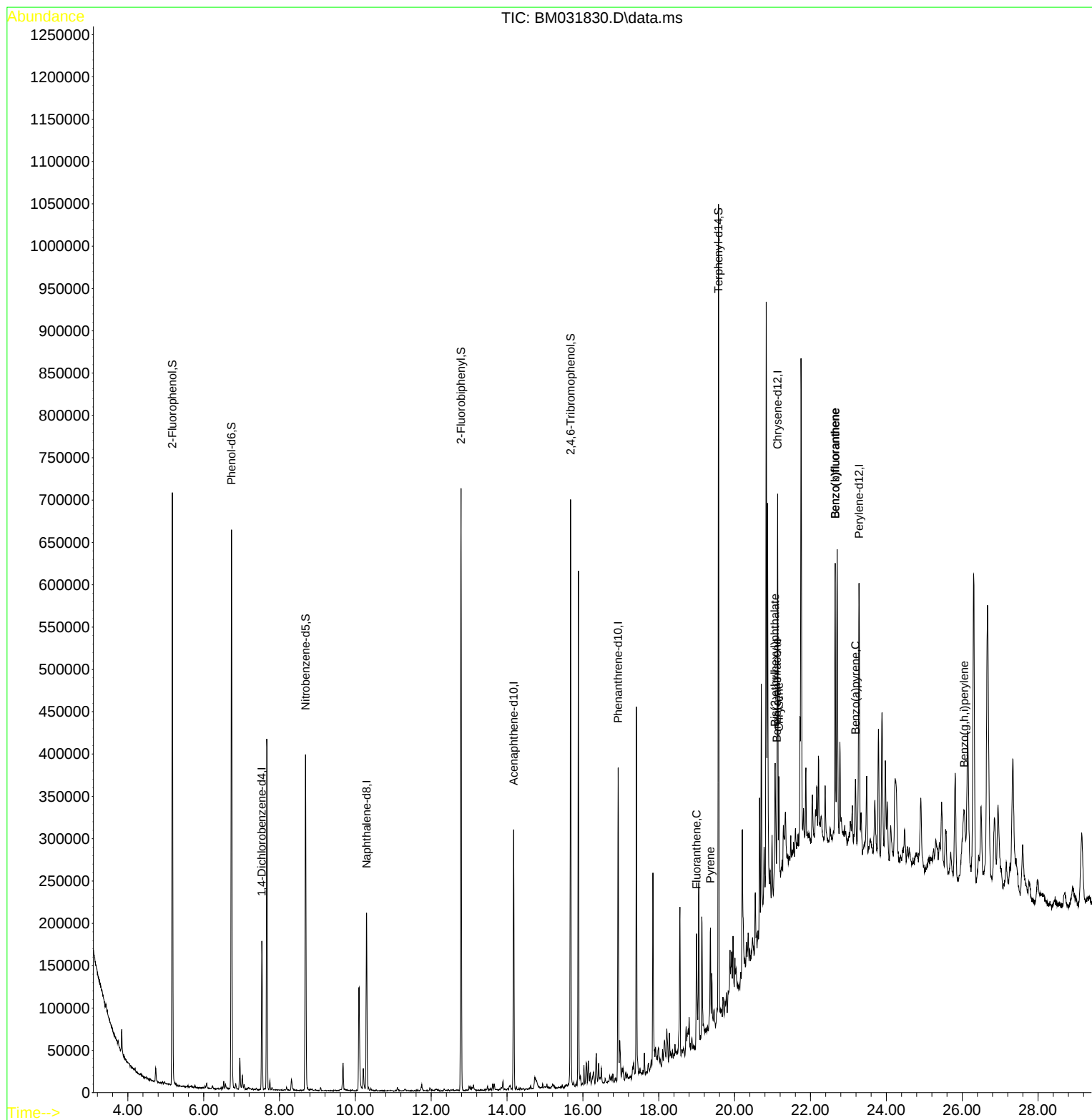
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	39880	20.000	ng	0.00
21) Naphthalene-d8	10.298	136	157574	20.000	ng	# 0.00
39) Acenaphthene-d10	14.175	164	95299	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	194446	20.000	ng	0.00
76) Chrysene-d12	21.133	240	176334	20.000	ng	0.00
86) Perylene-d12	23.280	264	183786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	249046	100.230	ng	0.00
7) Phenol-d6	6.734	99	306377	85.094	ng	0.00
23) Nitrobenzene-d5	8.687	82	214163	56.908	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	86779	73.934	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	321955	44.966	ng	0.00
79) Terphenyl-d14	19.574	244	360469	34.443	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	18.998	202	69573	4.898	ng	100
78) Pyrene	19.363	202	63629	4.981	ng	98
81) Benzo(a)anthracene	21.115	228	31111	2.409	ng	98
83) Chrysene	21.168	228	36914	2.932	ng	96
84) Bis(2-ethylhexyl)phtha...	21.062	149	44375	4.690	ng	# 94
88) Benzo(b)fluoranthene	22.651	252	50966	3.693	ng	# 88
89) Benzo(k)fluoranthene	22.651	252	50966	3.827	ng	# 88
90) Benzo(a)pyrene	23.186	252	30570	2.502	ng	# 89
92) Benzo(g,h,i)perylene	26.056	276	25315	2.441	ng	# 92

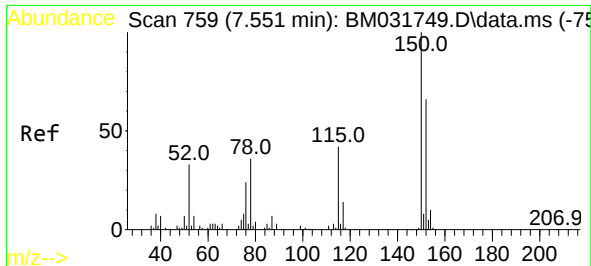
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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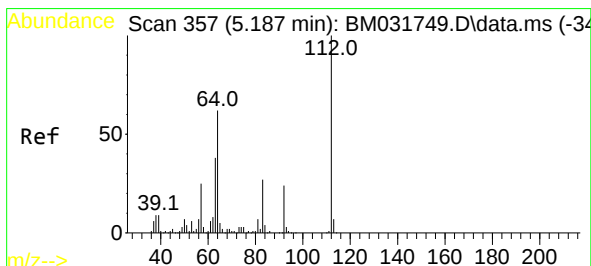
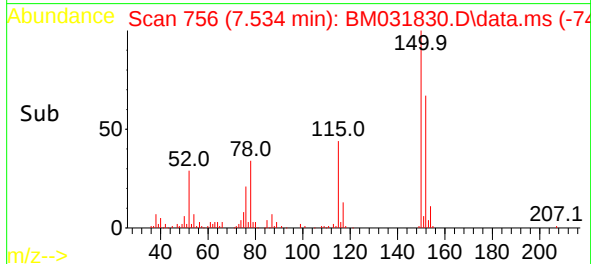
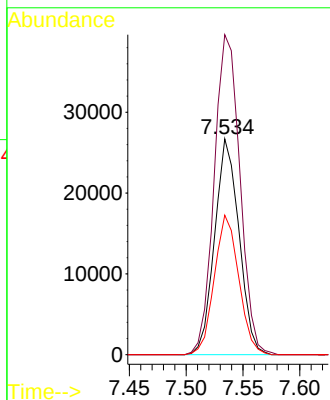
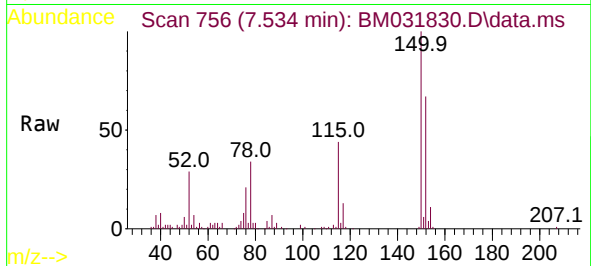




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031830.D
Acq: 19 Aug 2021 16:11

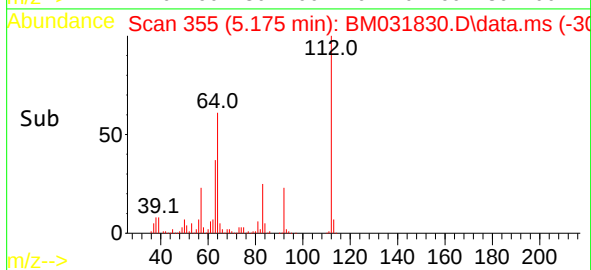
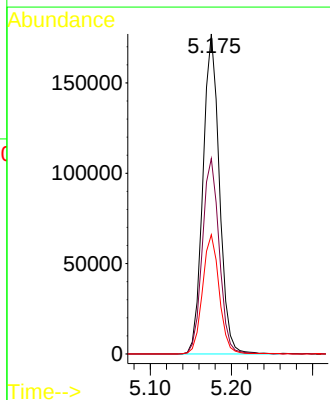
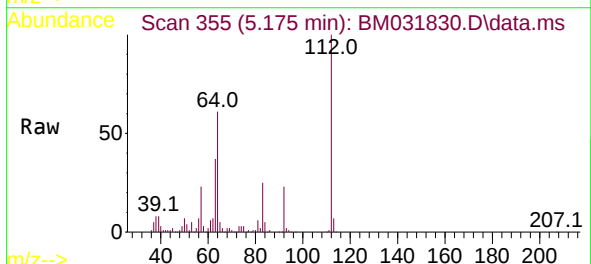
Instrument :
BNA_M
ClientSampleId :
2021-08-13-FD-04

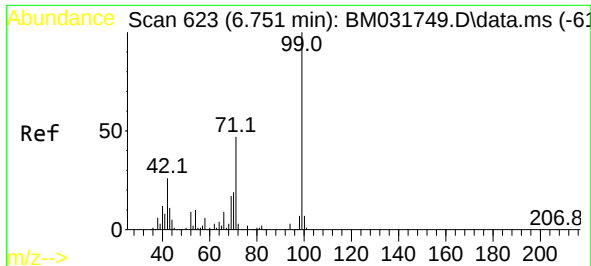
Tgt Ion:152 Resp: 39880
Ion Ratio Lower Upper
152 100
150 148.3 125.9 188.9
115 64.7 44.6 67.0



#5
2-Fluorophenol
Concen: 100.230 ng
RT: 5.175 min Scan# 355
Delta R.T. 0.000 min
Lab File: BM031830.D
Acq: 19 Aug 2021 16:11

Tgt Ion:112 Resp: 249046
Ion Ratio Lower Upper
112 100
64 61.1 47.1 70.7
63 37.2 27.3 40.9

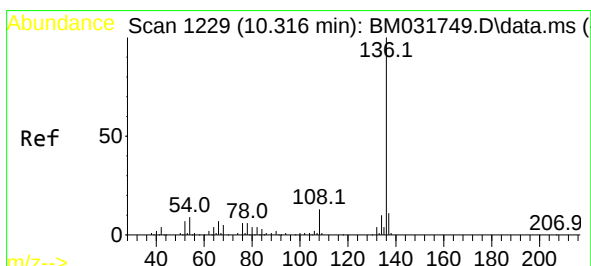
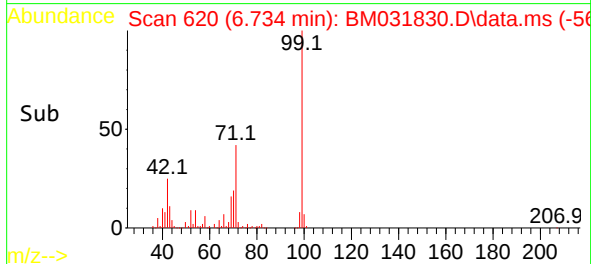
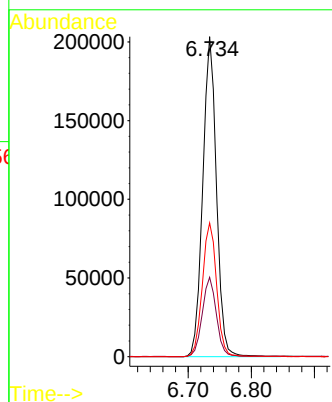
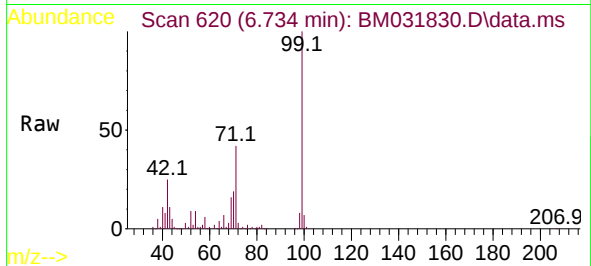




#7
Phenol-d6
Concen: 85.094 ng
RT: 6.734 min Scan# 620
Delta R.T. 0.000 min
Lab File: BM031830.D
Acq: 19 Aug 2021 16:11

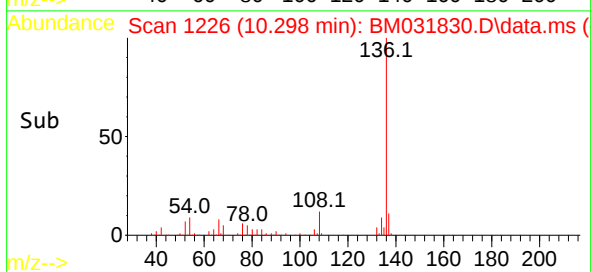
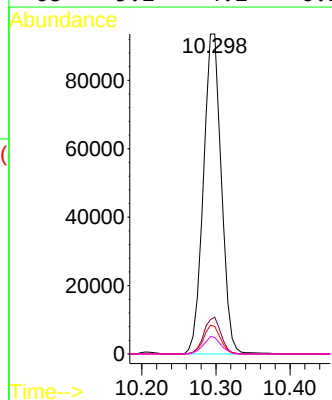
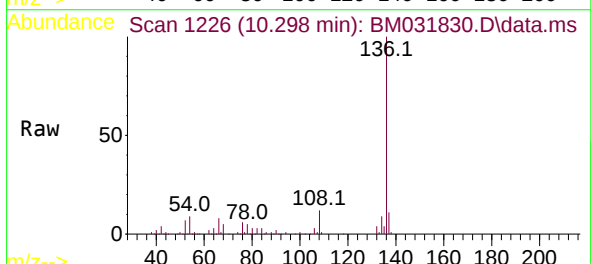
Instrument :
BNA_M
ClientSampleId :
2021-08-13-FD-04

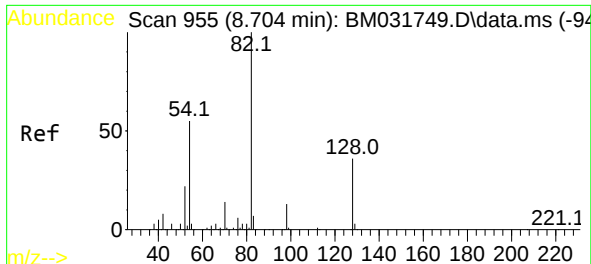
Tgt Ion: 99 Resp: 306377
Ion Ratio Lower Upper
99 100
42 24.8 18.0 27.0
71 41.8 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.298 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BM031830.D
Acq: 19 Aug 2021 16:11

Tgt Ion: 136 Resp: 157574
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.5 5.5 8.3#
68 5.2 4.2 6.2

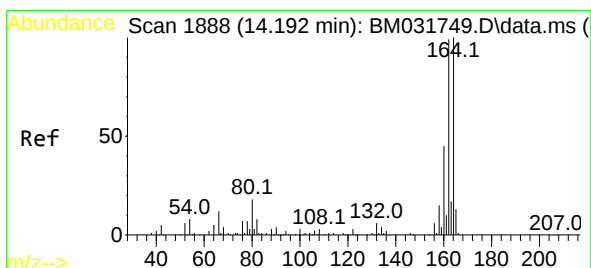
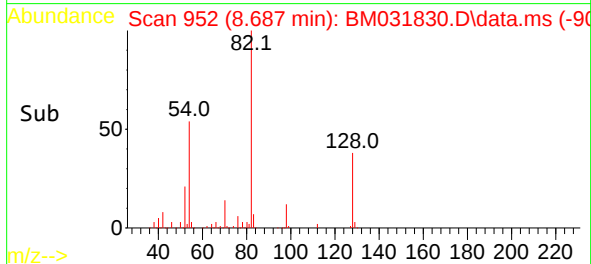
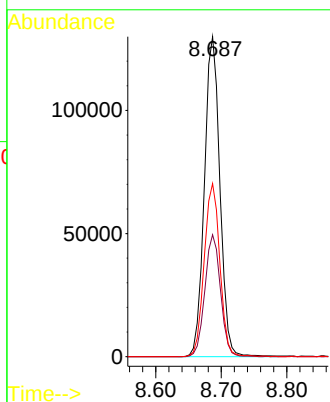
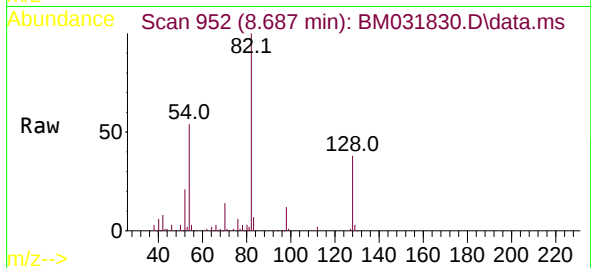




#23
Nitrobenzene-d5
Concen: 56.908 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031830.D
Acq: 19 Aug 2021 16:11

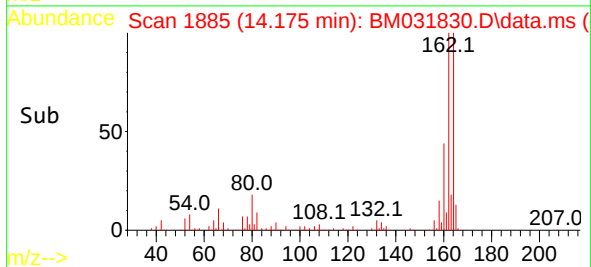
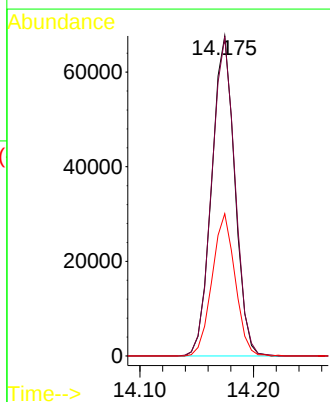
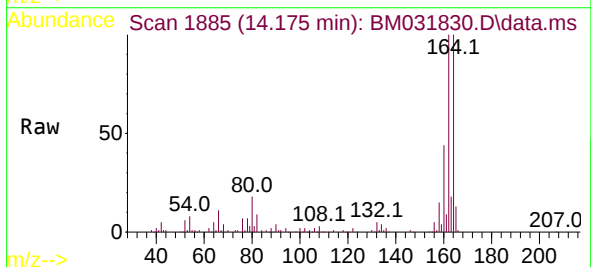
Instrument :
BNA_M
ClientSampleId :
2021-08-13-FD-04

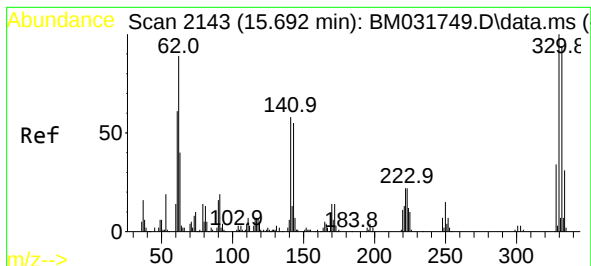
Tgt Ion: 82 Resp: 214163
Ion Ratio Lower Upper
82 100
128 38.1 31.1 46.7
54 54.1 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.175 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031830.D
Acq: 19 Aug 2021 16:11

Tgt Ion: 164 Resp: 95299
Ion Ratio Lower Upper
164 100
162 99.5 83.4 125.0
160 44.4 37.2 55.8

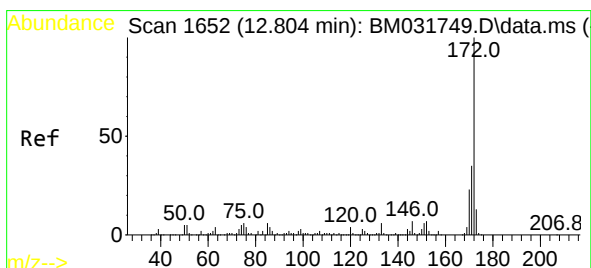
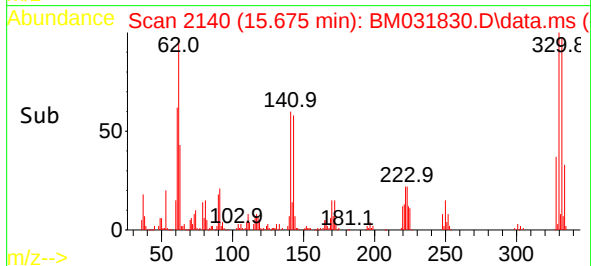
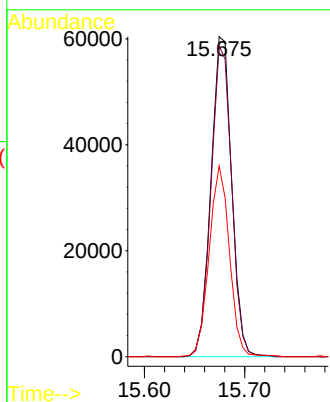
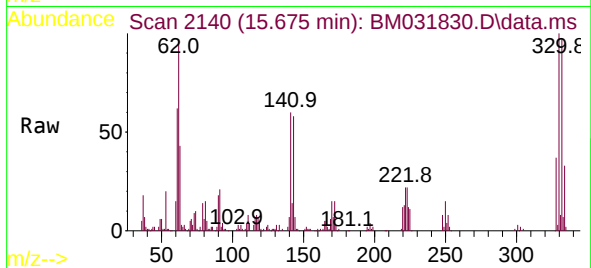




#42
2,4,6-Tribromophenol
Concen: 73.934 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031830.D
Acq: 19 Aug 2021 16:11

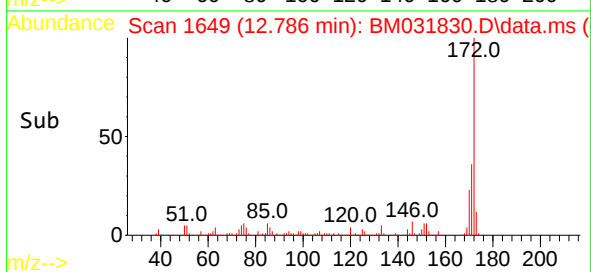
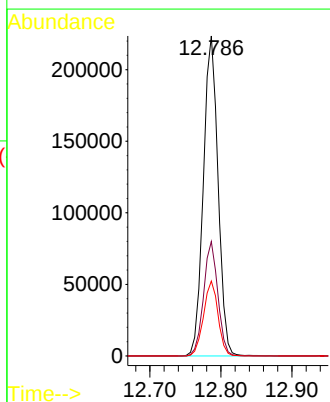
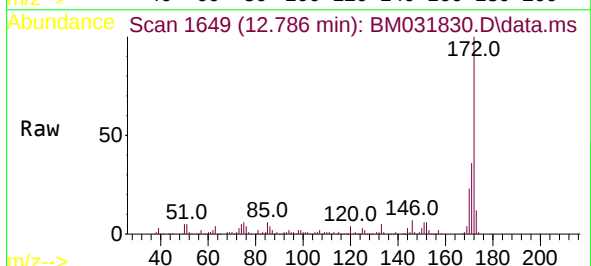
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ClientSampleId :
2021-08-13-FD-04

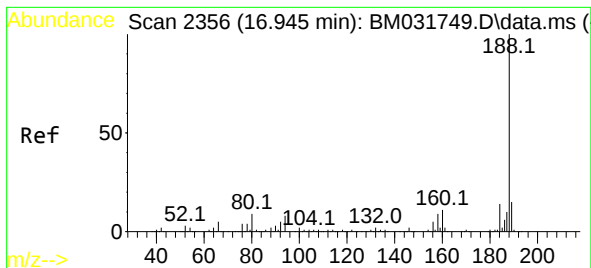
Tgt Ion:330 Resp: 86779
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 58.4 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 44.966 ng
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031830.D
Acq: 19 Aug 2021 16:11

Tgt Ion:172 Resp: 321955
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.4 18.4 27.6

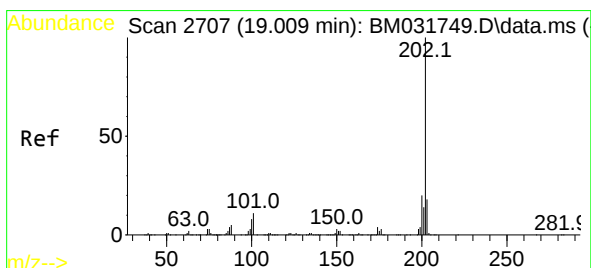
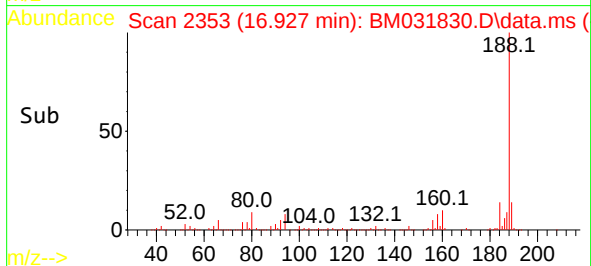
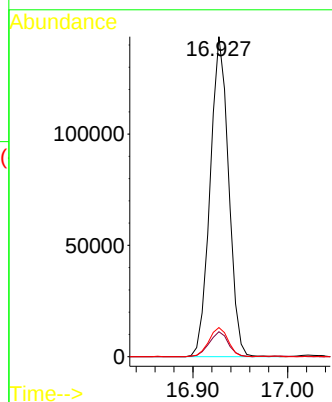
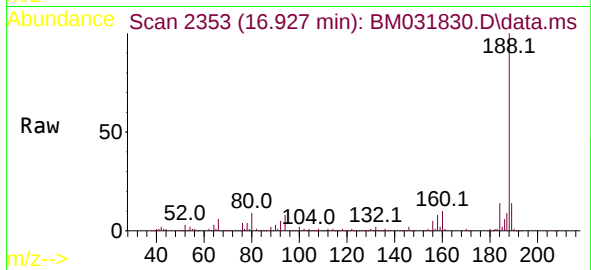




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031830.D
Acq: 19 Aug 2021 16:11

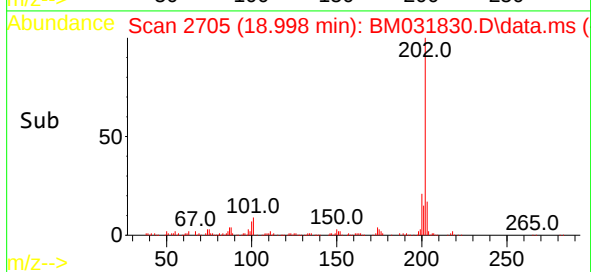
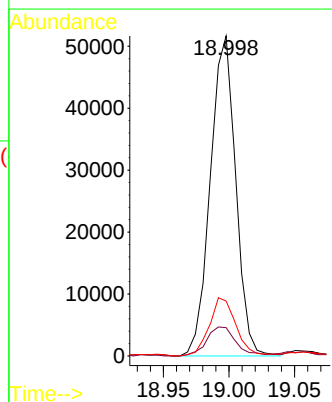
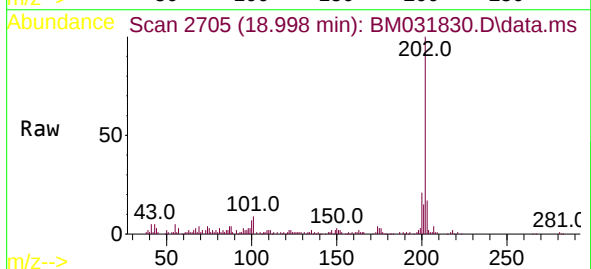
Instrument :
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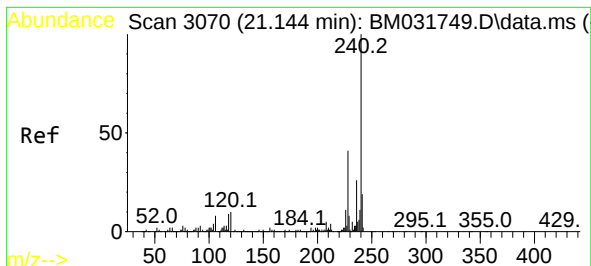
Tgt Ion:188 Resp: 194446
Ion Ratio Lower Upper
188 100
94 7.8 6.0 9.0
80 9.1 6.6 9.8



#75
Fluoranthene
Concen: 4.898 ng
RT: 18.998 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BM031830.D
Acq: 19 Aug 2021 16:11

Tgt Ion:202 Resp: 69573
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.6
203 17.1 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.133 min Scan# 3068

Delta R.T. 0.000 min

Lab File: BM031830.D

Acq: 19 Aug 2021 16:11

Tgt Ion:240 Resp: 176334

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

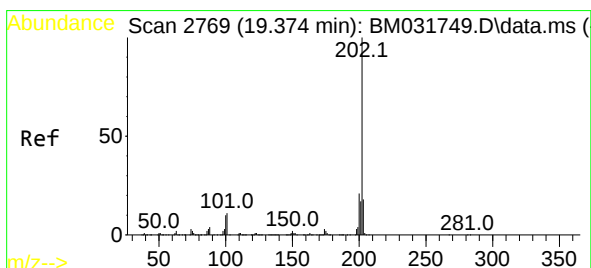
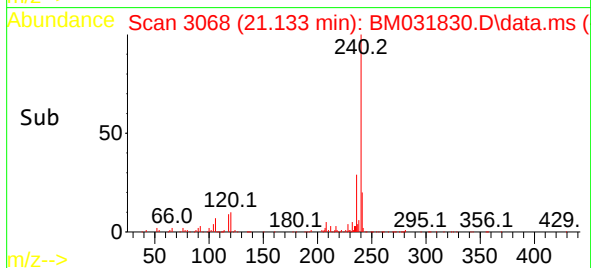
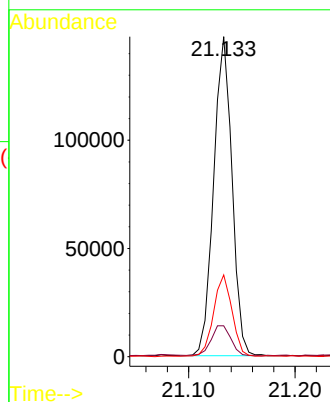
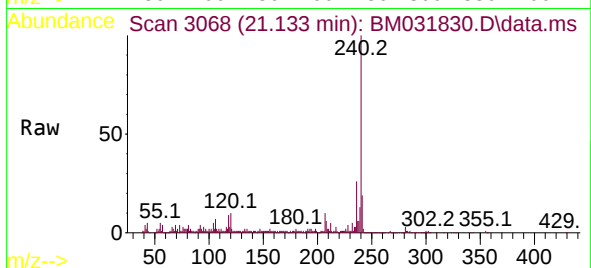
236 25.6 21.0 31.4

Instrument :

BNA_M

ClientSampleId :

2021-08-13-FD-04



#78

Pyrene

Concen: 4.981 ng

RT: 19.363 min Scan# 2767

Delta R.T. 0.000 min

Lab File: BM031830.D

Acq: 19 Aug 2021 16:11

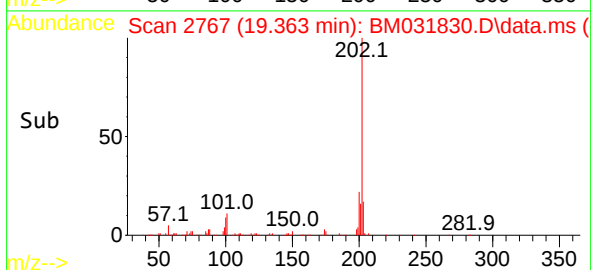
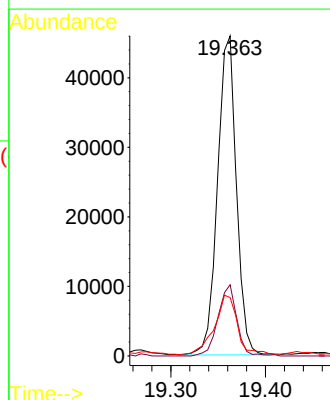
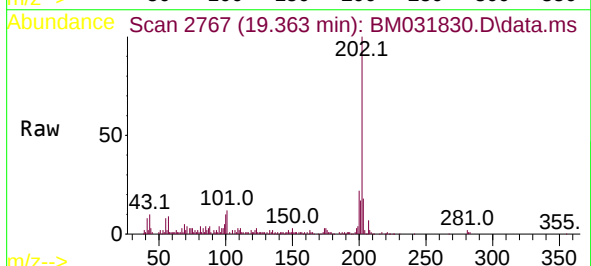
Tgt Ion:202 Resp: 63629

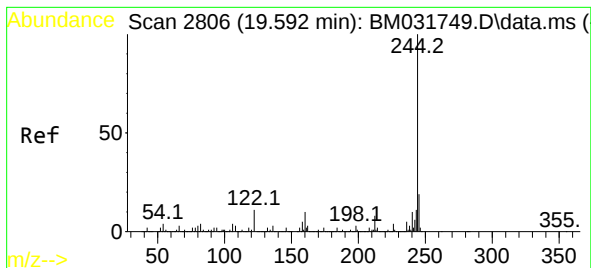
Ion Ratio Lower Upper

202 100

200 22.3 17.3 25.9

203 18.2 13.9 20.9





#79

Terphenyl-d14

Concen: 34.443 ng

RT: 19.574 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BM031830.D

Acq: 19 Aug 2021 16:11

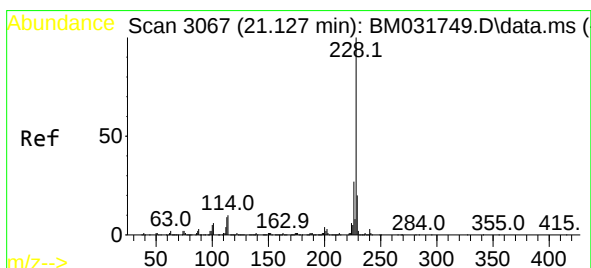
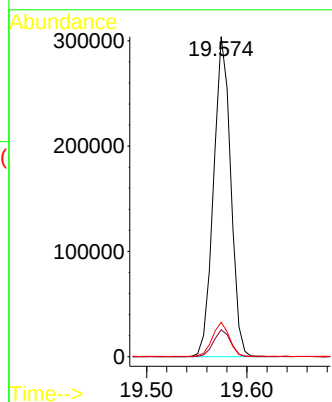
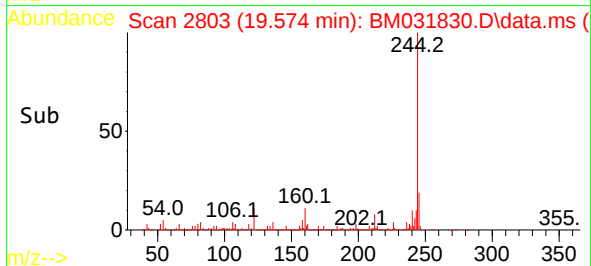
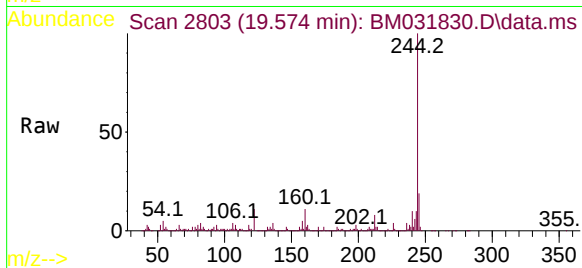
Tgt Ion:244 Resp: 360469

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

122 10.8 6.9 10.3#



#81

Benzo(a)anthracene

Concen: 2.409 ng

RT: 21.115 min Scan# 3065

Delta R.T. -0.006 min

Lab File: BM031830.D

Acq: 19 Aug 2021 16:11

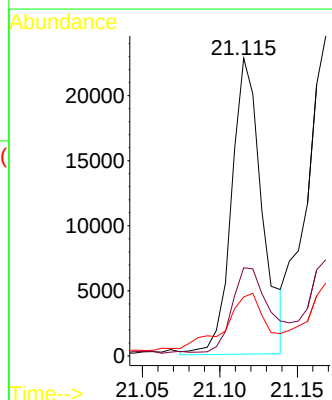
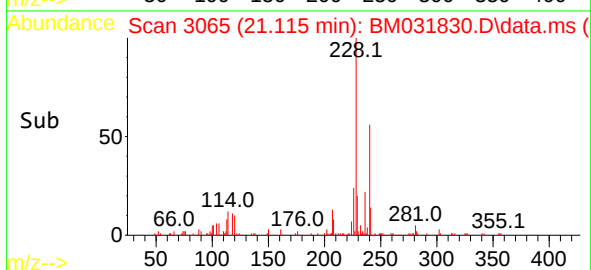
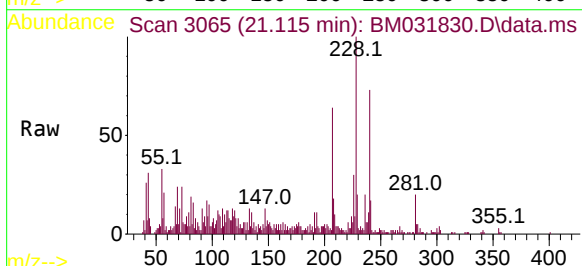
Tgt Ion:228 Resp: 31111

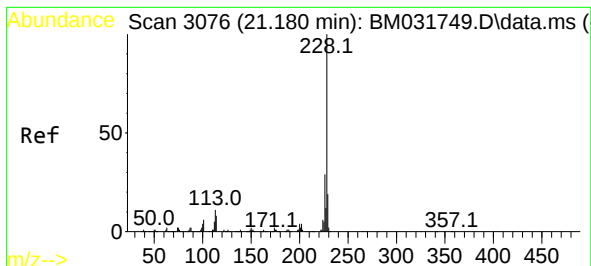
Ion Ratio Lower Upper

228 100

226 29.6 22.3 33.5

229 19.8 15.7 23.5





#83

Chrysene

Concen: 2.932 ng

RT: 21.168 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM031830.D

Acq: 19 Aug 2021 16:11

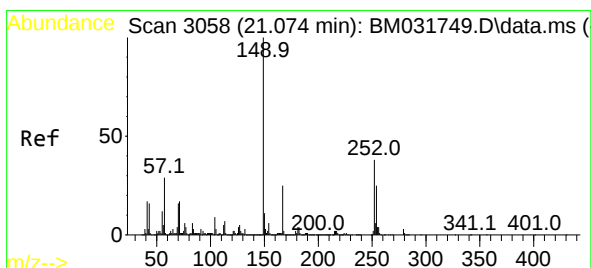
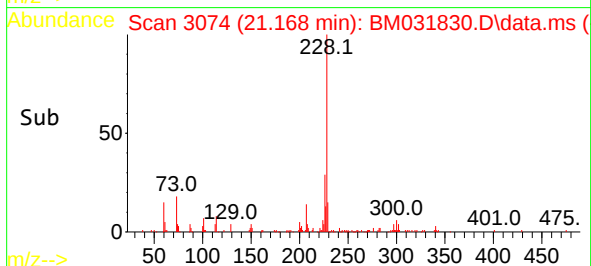
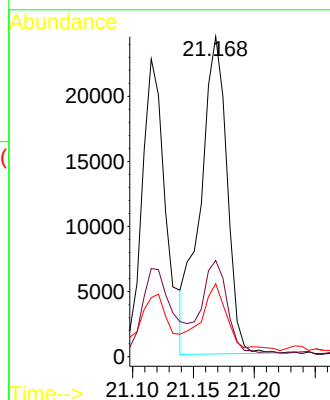
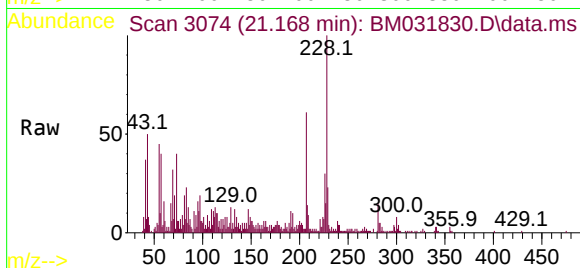
Tgt Ion:	228	Resp:	36914
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.6	36.8
229	22.8	15.5	23.3

Instrument :

BNA_M

ClientSampleId :

2021-08-13-FD-04



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.690 ng

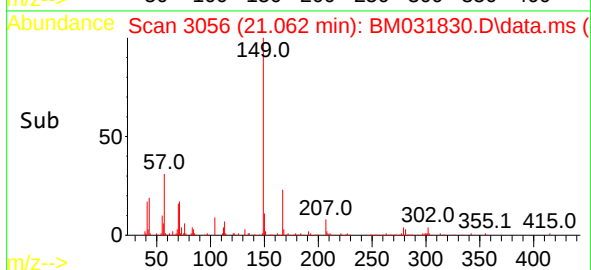
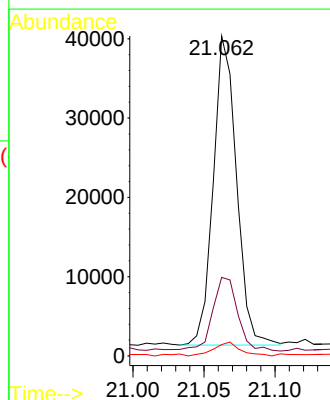
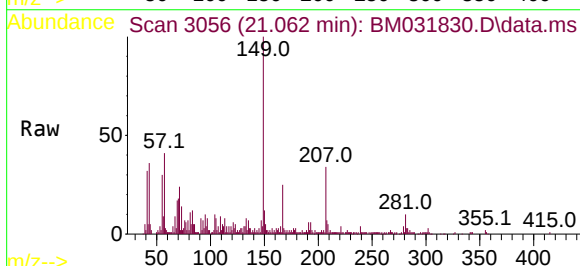
RT: 21.062 min Scan# 3056

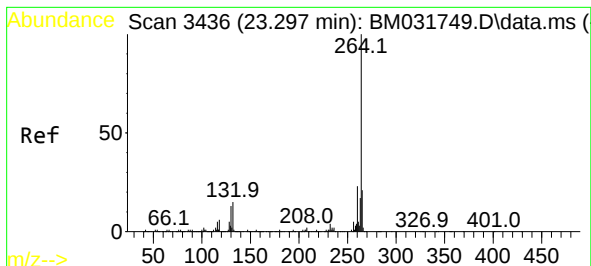
Delta R.T. -0.006 min

Lab File: BM031830.D

Acq: 19 Aug 2021 16:11

Tgt Ion:	149	Resp:	44375
Ion Ratio	Lower	Upper	
149	100		
167	24.6	22.6	33.8
279	3.6	3.8	5.8#

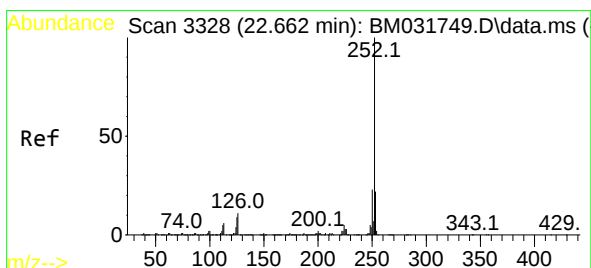
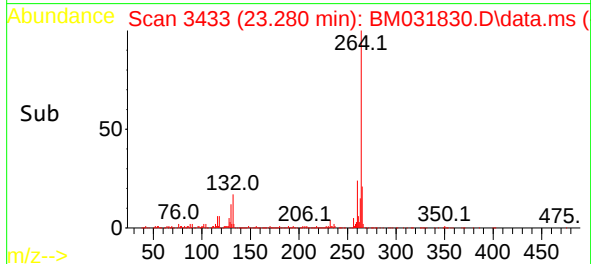
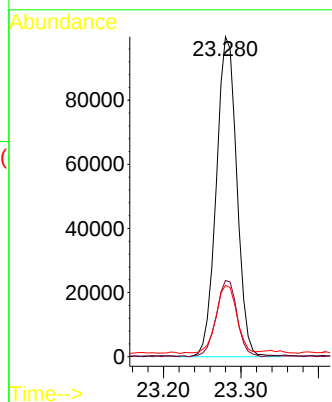
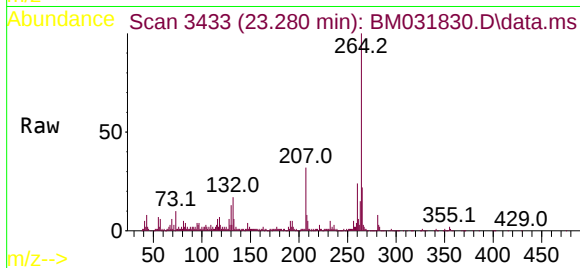




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.280 min Scan# 3433
 Delta R.T. 0.000 min
 Lab File: BM031830.D
 Acq: 19 Aug 2021 16:11

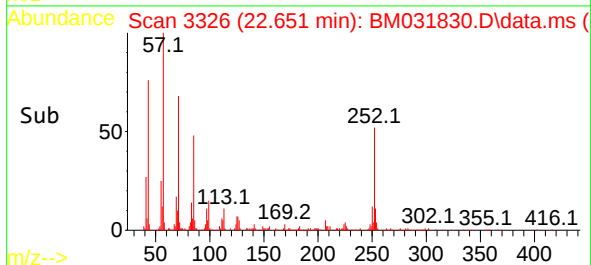
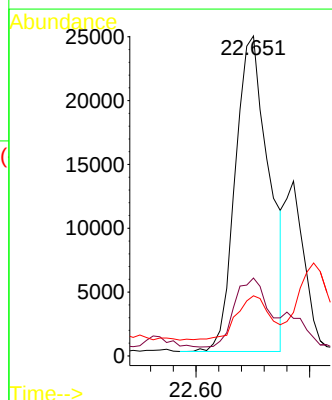
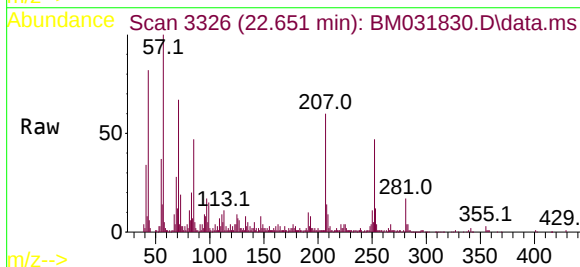
Instrument :
 BNA_M
 ClientSampleId :
 2021-08-13-FD-04

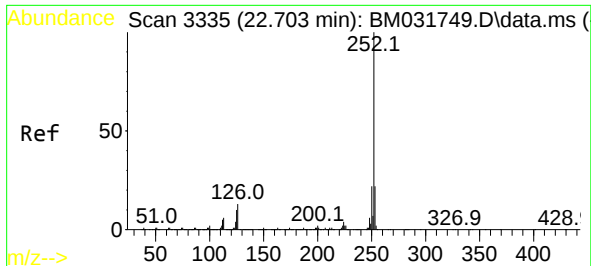
Tgt Ion:264 Resp: 183786
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.8
 265 22.3 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 3.693 ng
 RT: 22.651 min Scan# 3326
 Delta R.T. 0.006 min
 Lab File: BM031830.D
 Acq: 19 Aug 2021 16:11

Tgt Ion:252 Resp: 50966
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.4 26.0
 125 18.8 6.8 10.2#

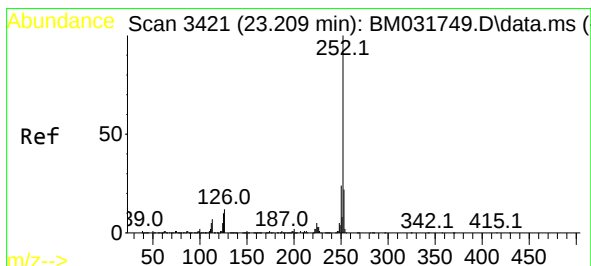
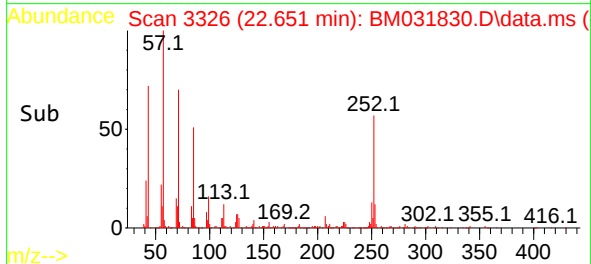
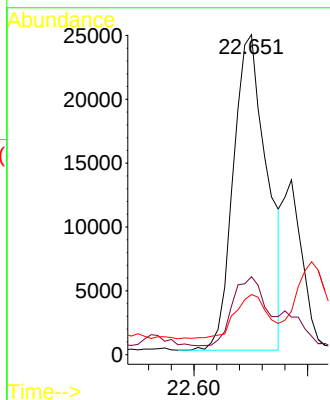
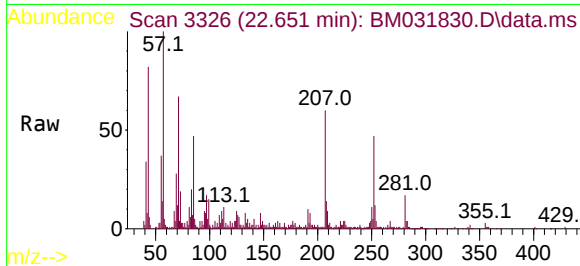




#89
Benzo(k)fluoranthene
Concen: 3.827 ng
RT: 22.651 min Scan# 3326
Delta R.T. -0.041 min
Lab File: BM031830.D
Acq: 19 Aug 2021 16:11

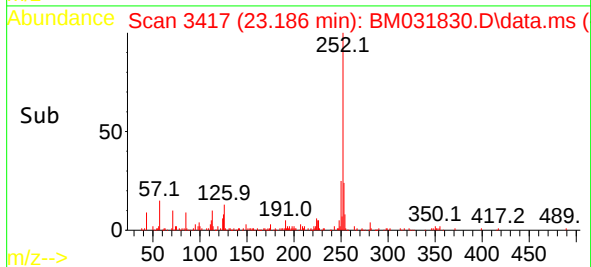
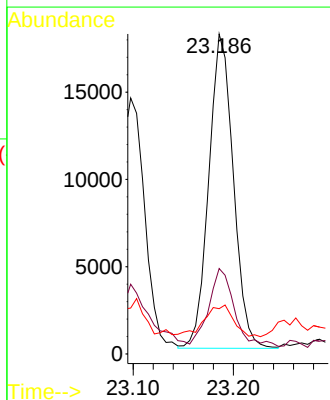
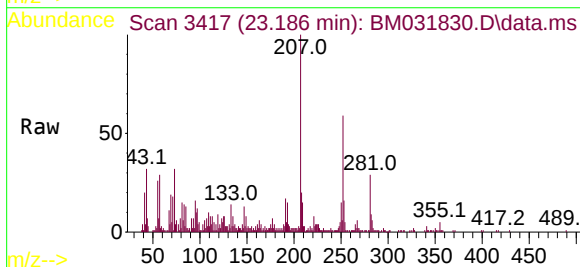
Instrument :
BNA_M
ClientSampleId :
2021-08-13-FD-04

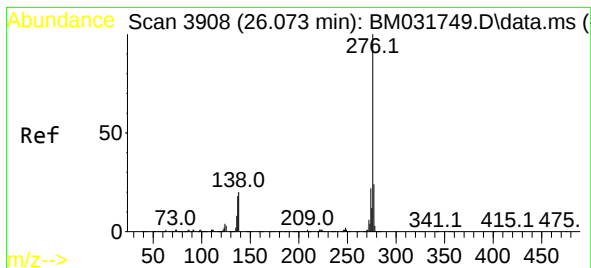
Tgt Ion:252 Resp: 50966
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 18.8 6.2 9.2#



#90
Benzo(a)pyrene
Concen: 2.502 ng
RT: 23.186 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BM031830.D
Acq: 19 Aug 2021 16:11

Tgt Ion:252 Resp: 30570
Ion Ratio Lower Upper
252 100
253 26.7 17.7 26.5#
125 14.2 7.3 10.9#





#92
 Benzo(g,h,i)perylene
 Concen: 2.441 ng
 RT: 26.056 min Scan# 3905
 Delta R.T. 0.006 min
 Lab File: BM031830.D
 Acq: 19 Aug 2021 16:11

Instrument :
 BNA_M
 ClientSampleId :
 2021-08-13-FD-04

Tgt Ion:	276	Resp:	25315
Ion Ratio	Lower	Upper	
276	100		
277	27.5	19.4	29.2
138	22.2	14.4	21.6#

