

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081821\
 Data File : BM031817.D
 Acq On : 18 Aug 2021 22:08
 Operator : CG/JU
 Sample : M3438-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-26855

Quant Time: Aug 19 03:05:34 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)

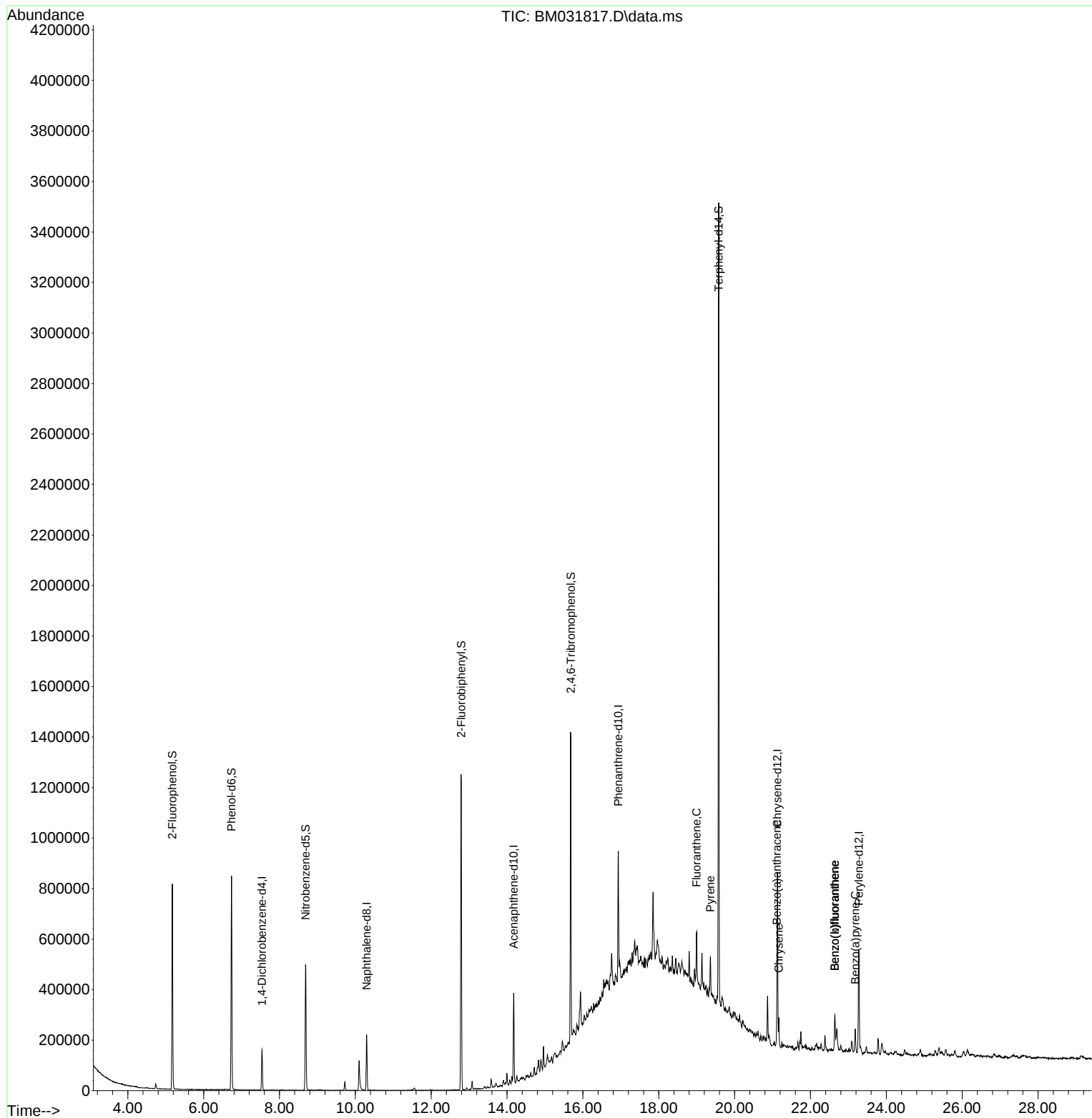
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	37035	20.000	ng	0.00
21) Naphthalene-d8	10.298	136	158877	20.000	ng	# 0.00
39) Acenaphthene-d10	14.175	164	105908	20.000	ng	0.00
64) Phenanthrene-d10	16.933	188	265008	20.000	ng	0.00
76) Chrysene-d12	21.127	240	267738	20.000	ng	0.00
86) Perylene-d12	23.274	264	249255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	285789	123.853	ng	0.00
7) Phenol-d6	6.734	99	377577	112.925	ng	0.00
23) Nitrobenzene-d5	8.687	82	267132	70.401	ng	0.00
42) 2,4,6-Tribromophenol	15.680	330	154054	118.104	ng	0.00
45) 2-Fluorobiphenyl	12.792	172	578631	72.720	ng	0.00
79) Terphenyl-d14	19.580	244	1212455	76.299	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	18.998	202	110684	5.717	ng	99
78) Pyrene	19.362	202	92010	4.744	ng	97
81) Benzo(a)anthracene	21.115	228	58173	2.966	ng	98
83) Chrysene	21.162	228	50539	2.644	ng	97
88) Benzo(b)fluoranthene	22.639	252	93029	4.971	ng	# 95
89) Benzo(k)fluoranthene	22.639	252	93029	5.150	ng	# 95
90) Benzo(a)pyrene	23.180	252	43985	2.655	ng	97

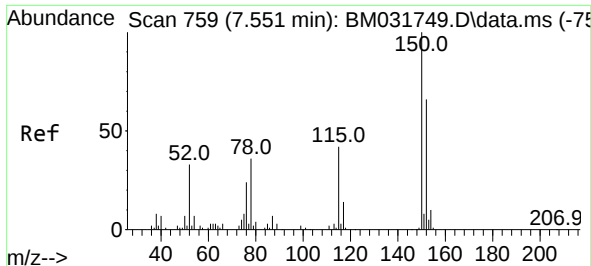
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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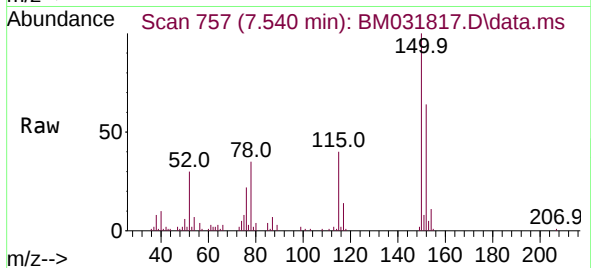
Quant Time: Aug 19 03:05:34 2021
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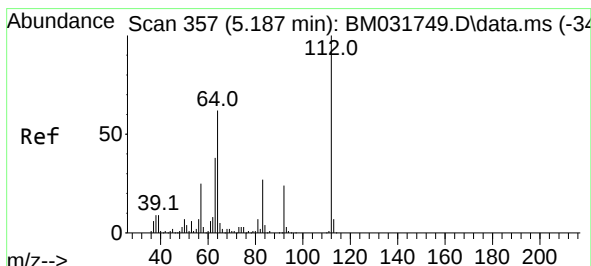
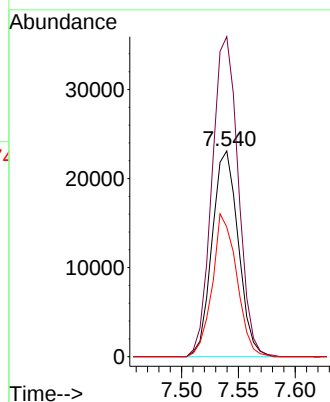
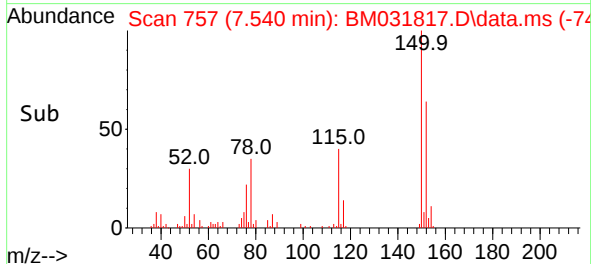


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.000 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

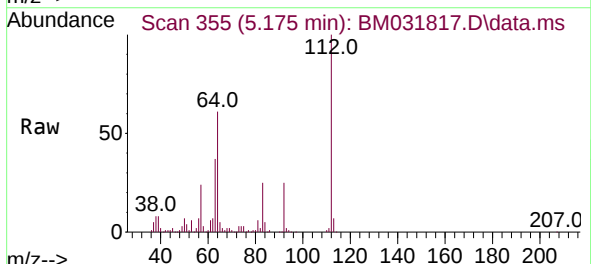
Instrument :
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ClientSampleId :
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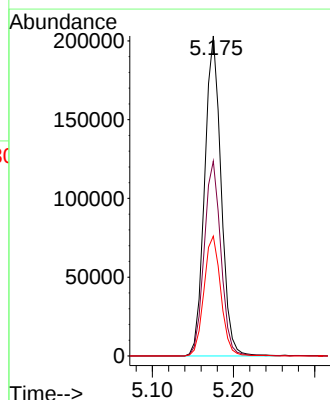
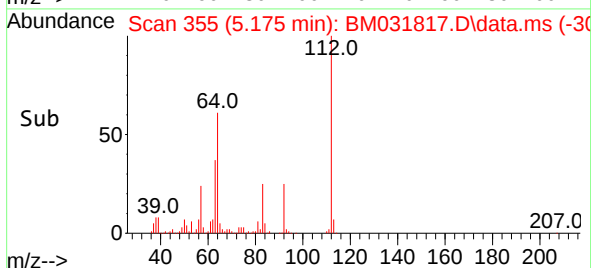
Tgt Ion:152 Resp: 37035
Ion Ratio Lower Upper
152 100
150 155.6 125.9 188.9
115 63.0 44.6 67.0

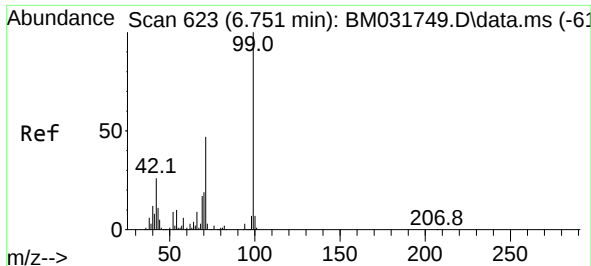


#5
2-Fluorophenol
Concen: 123.853 ng
RT: 5.175 min Scan# 355
Delta R.T. 0.000 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08



Tgt Ion:112 Resp: 285789
Ion Ratio Lower Upper
112 100
64 60.9 47.1 70.7
63 37.5 27.3 40.9

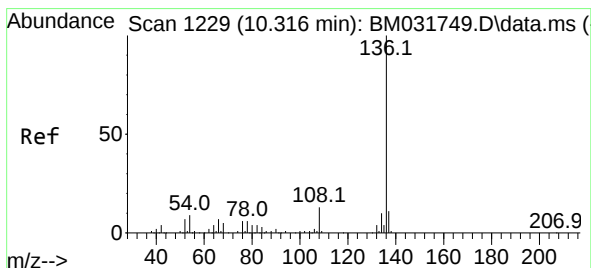
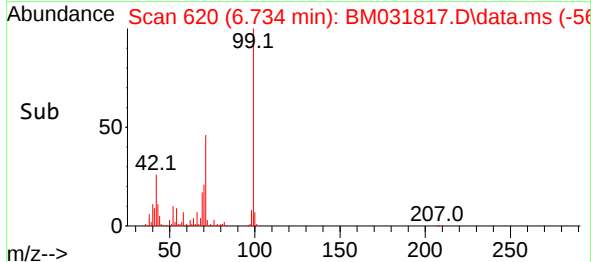
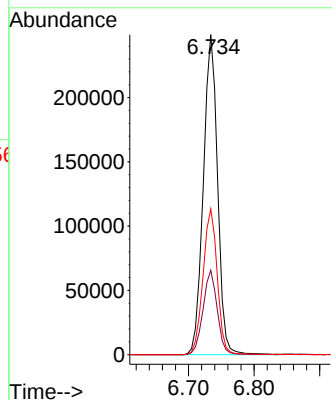
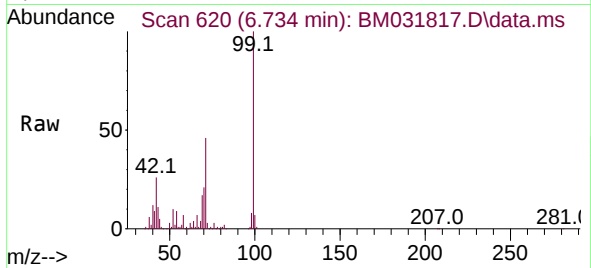




#7
Phenol-d6
Concen: 112.925 ng
RT: 6.734 min Scan# 620
Delta R.T. 0.000 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

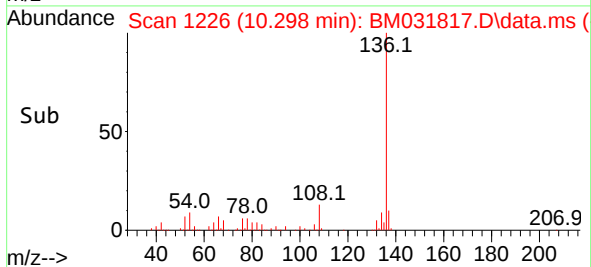
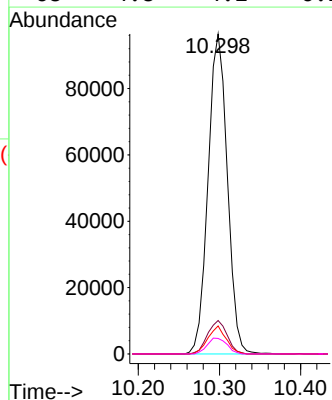
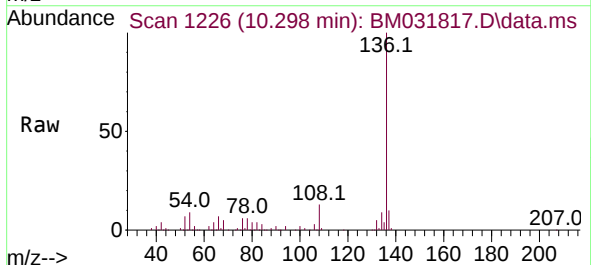
Instrument :
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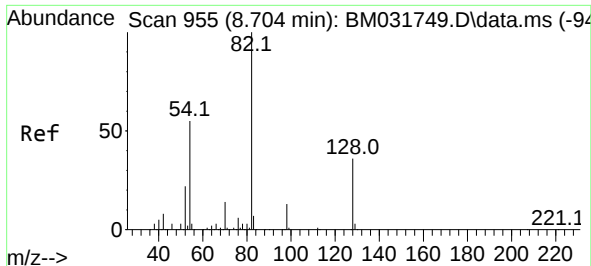
Tgt Ion: 99 Resp: 377577
Ion Ratio Lower Upper
99 100
42 26.4 18.0 27.0
71 45.5 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.298 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

Tgt Ion: 136 Resp: 158877
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 8.8 5.5 8.3#
68 4.8 4.2 6.2

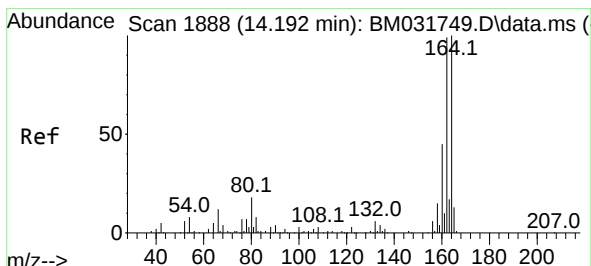
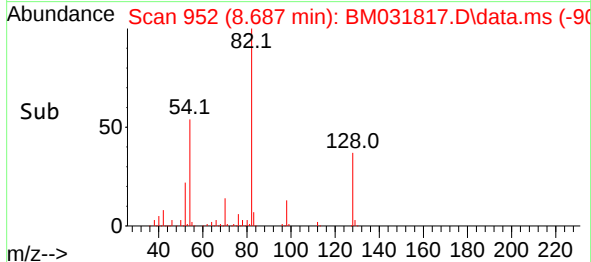
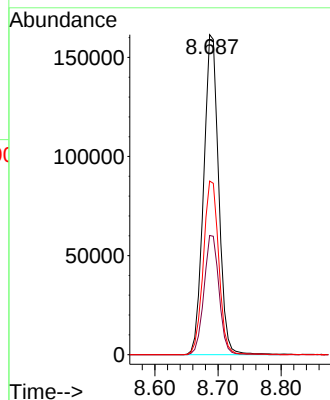
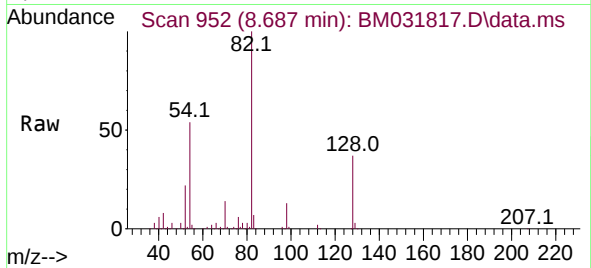




#23
Nitrobenzene-d5
Concen: 70.401 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

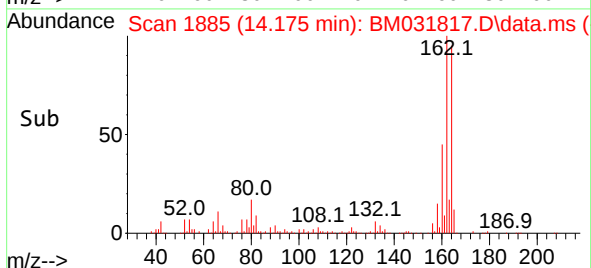
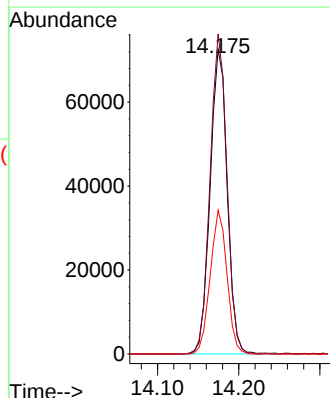
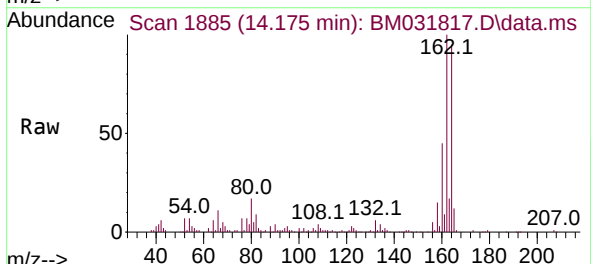
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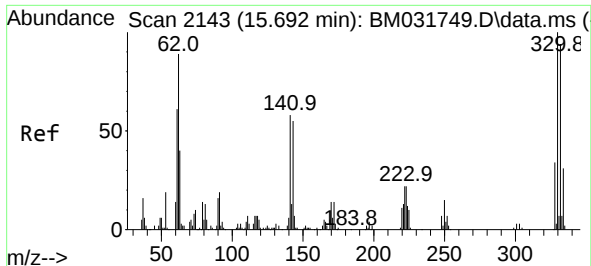
Tgt Ion: 82 Resp: 267132
Ion Ratio Lower Upper
82 100
128 37.3 31.1 46.7
54 54.2 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.175 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

Tgt Ion: 164 Resp: 105908
Ion Ratio Lower Upper
164 100
162 105.1 83.4 125.0
160 47.2 37.2 55.8

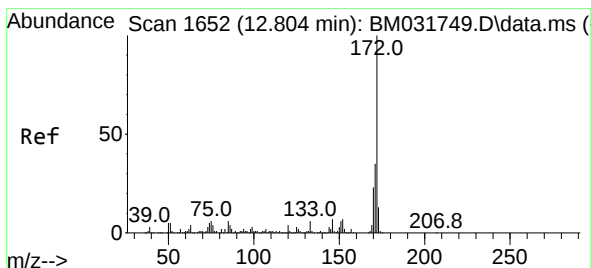
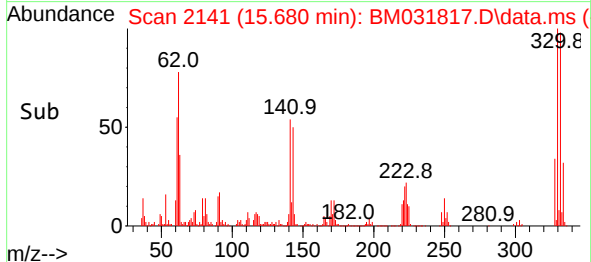
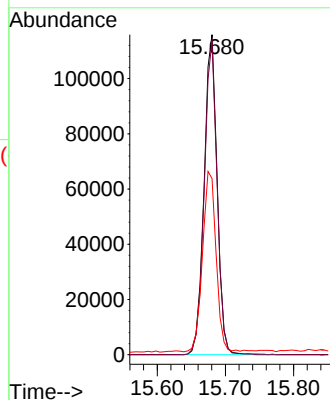
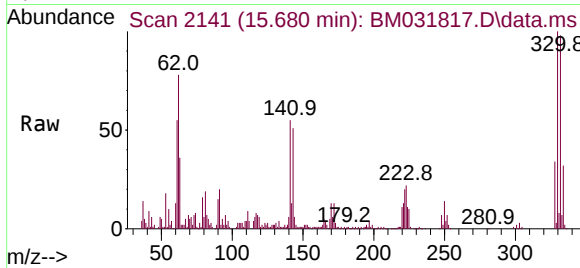




#42
2,4,6-Tribromophenol
Concen: 118.104 ng
RT: 15.680 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

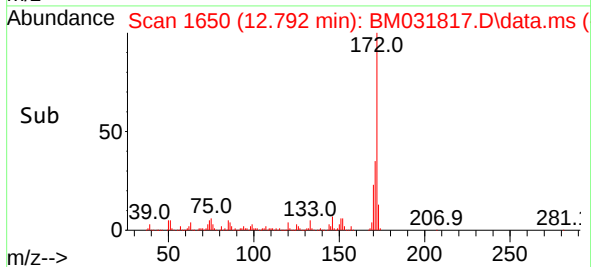
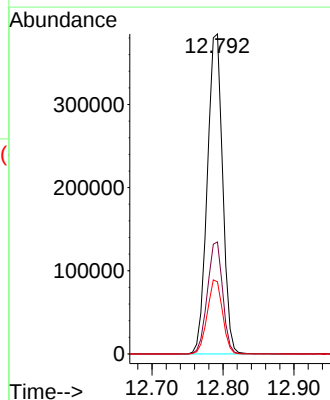
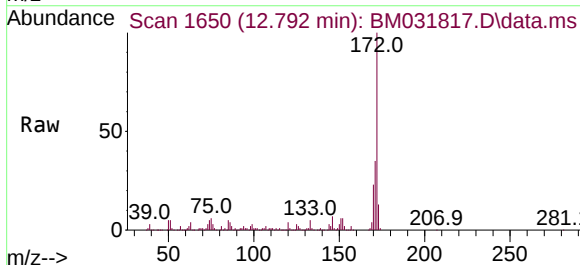
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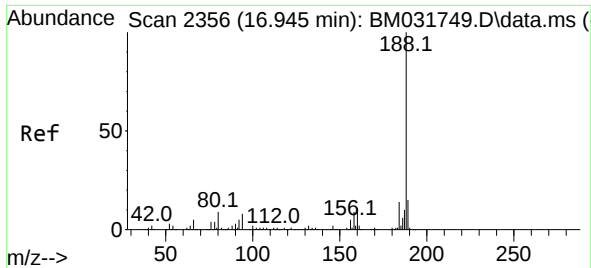
Tgt Ion:330 Resp: 154054
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 58.6 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 72.720 ng
RT: 12.792 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

Tgt Ion:172 Resp: 578631
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 22.5 18.4 27.6

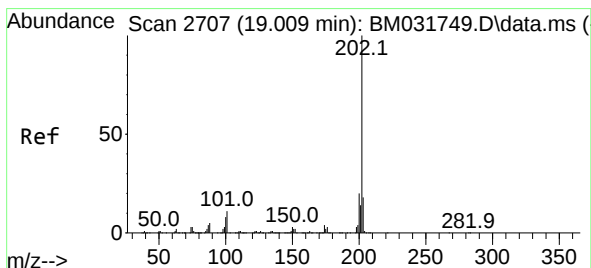
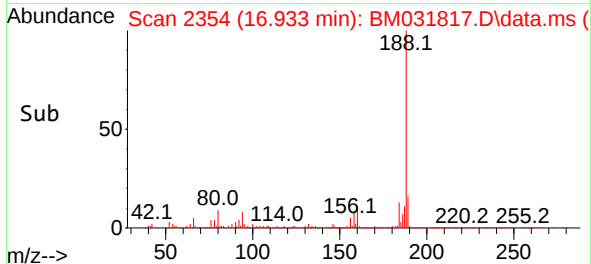
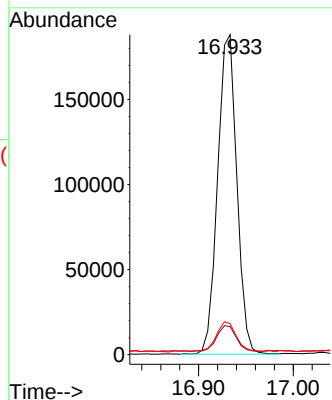
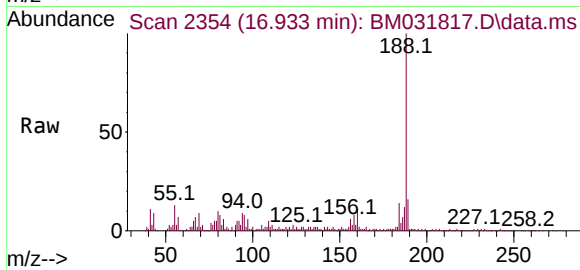




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.933 min Scan# 2354
Delta R.T. 0.000 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

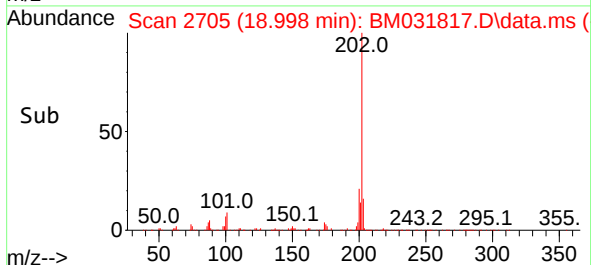
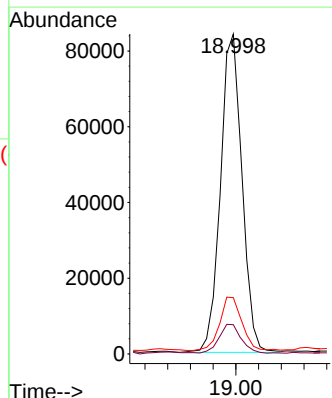
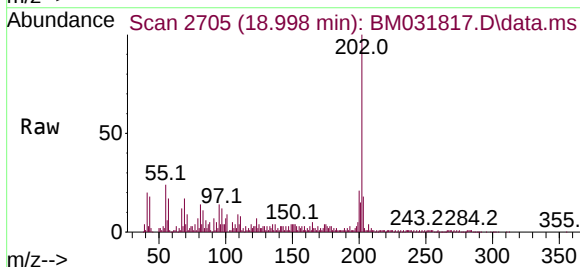
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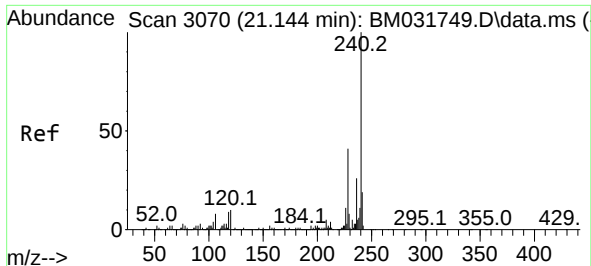
Tgt Ion:188 Resp: 265008
Ion Ratio Lower Upper
188 100
94 8.8 6.0 9.0
80 9.7 6.6 9.8



#75
Fluoranthene
Concen: 5.717 ng
RT: 18.998 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

Tgt Ion:202 Resp: 110684
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.6
203 17.6 0.0 37.3

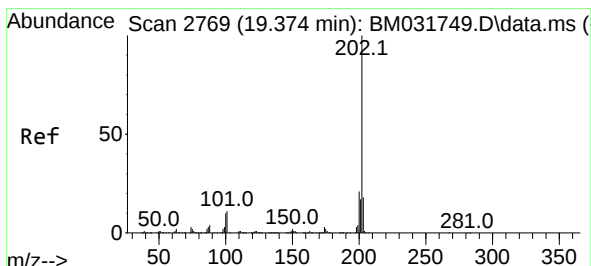
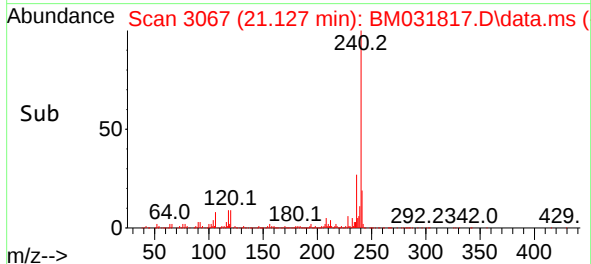
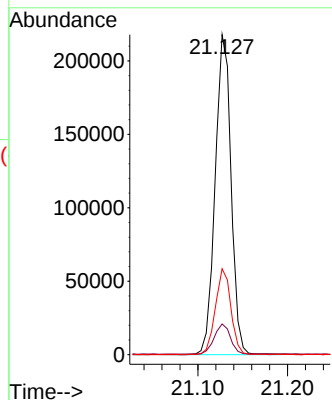
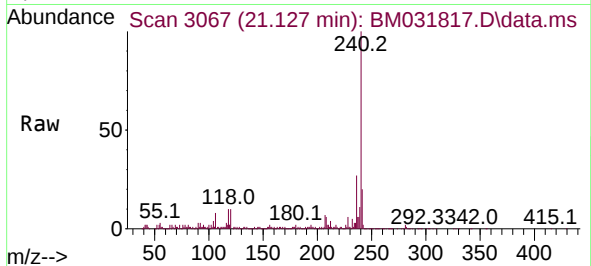




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

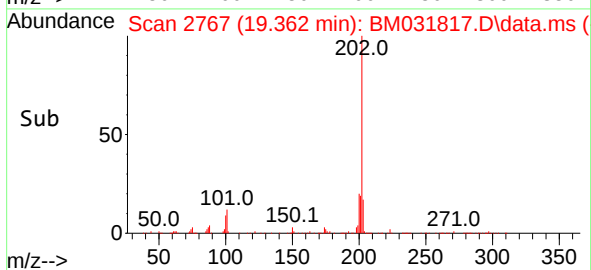
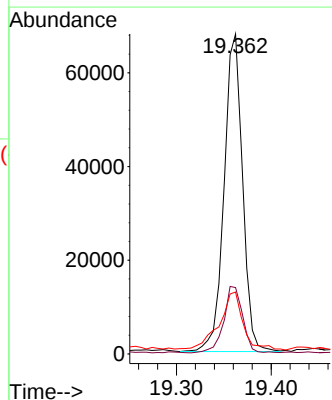
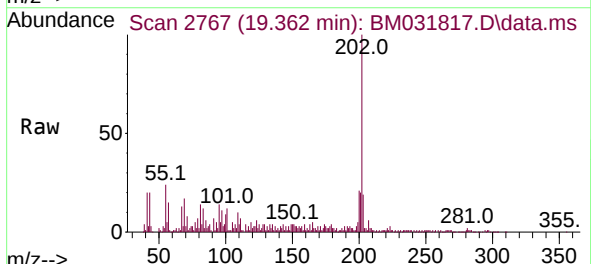
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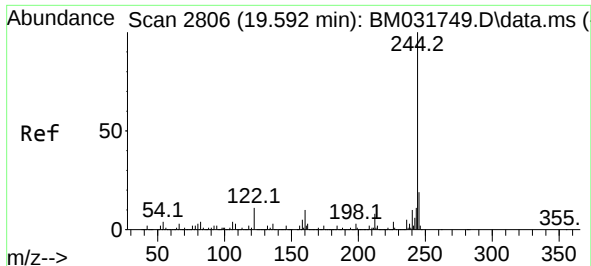
Tgt Ion:240 Resp: 267738
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 26.9 21.0 31.4



#78
Pyrene
Concen: 4.744 ng
RT: 19.362 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

Tgt Ion:202 Resp: 92010
Ion Ratio Lower Upper
202 100
200 20.8 17.3 25.9
203 19.3 13.9 20.9

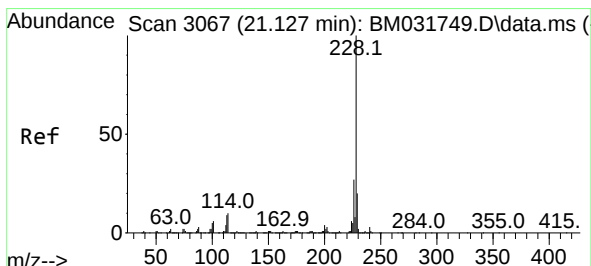
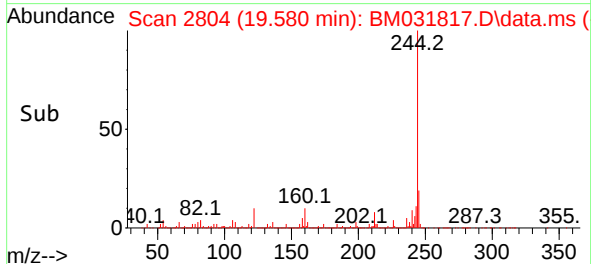
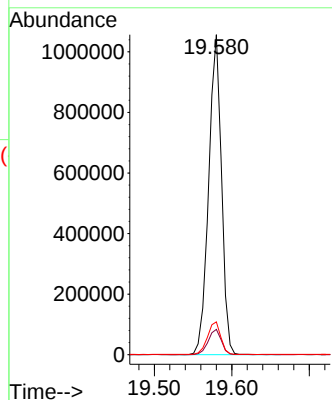
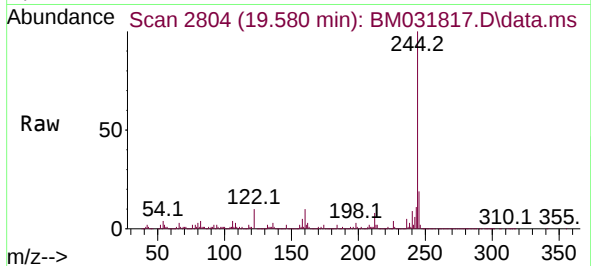




#79
 Terphenyl-d14
 Concen: 76.299 ng
 RT: 19.580 min Scan# 2804
 Delta R.T. 0.000 min
 Lab File: BM031817.D
 Acq: 18 Aug 2021 22:08

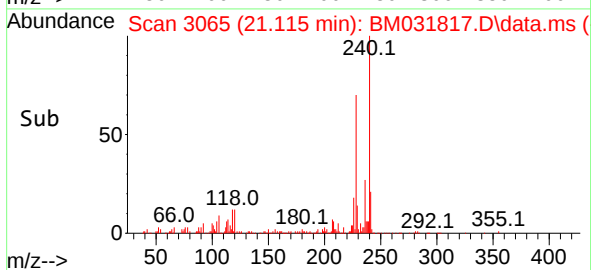
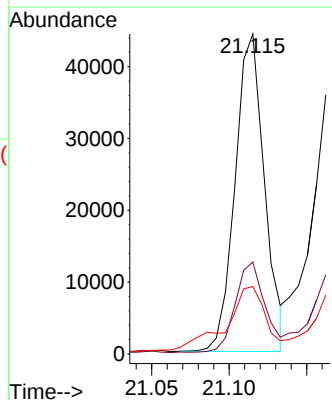
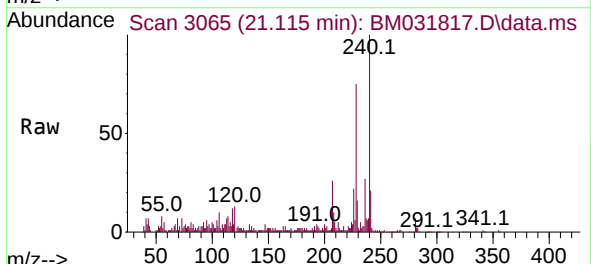
Instrument :
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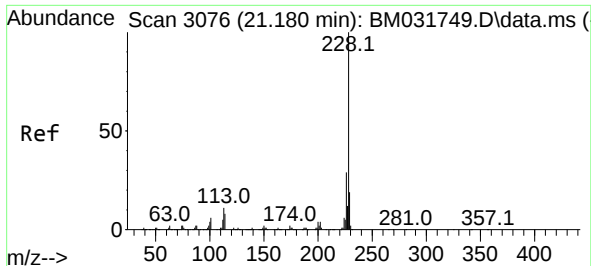
Tgt Ion:244 Resp: 1212455
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 10.3 6.9 10.3



#81
 Benzo(a)anthracene
 Concen: 2.966 ng
 RT: 21.115 min Scan# 3065
 Delta R.T. -0.006 min
 Lab File: BM031817.D
 Acq: 18 Aug 2021 22:08

Tgt Ion:228 Resp: 58173
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.3 33.5
 229 21.0 15.7 23.5

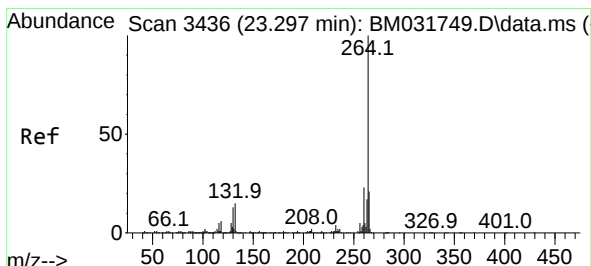
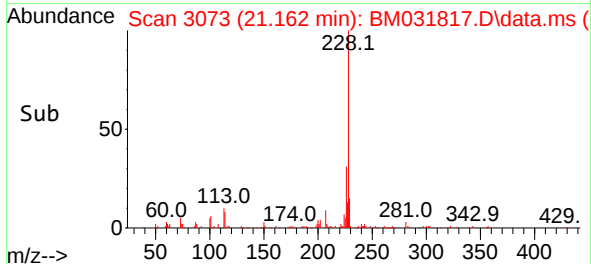
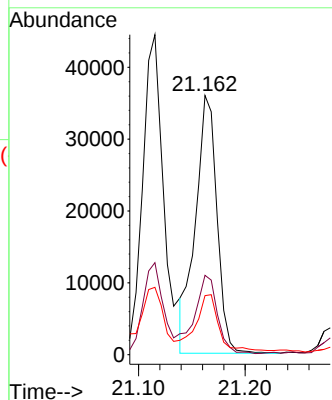
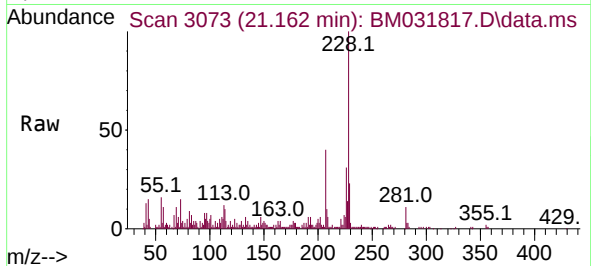




#83
Chrysene
Concen: 2.644 ng
RT: 21.162 min Scan# 3073
Delta R.T. -0.012 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

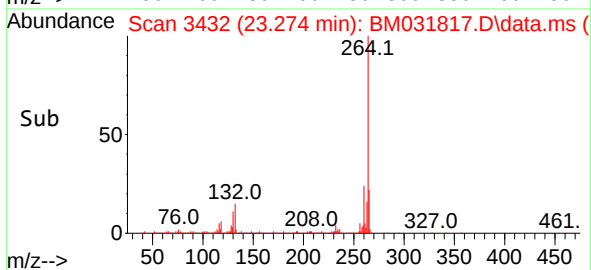
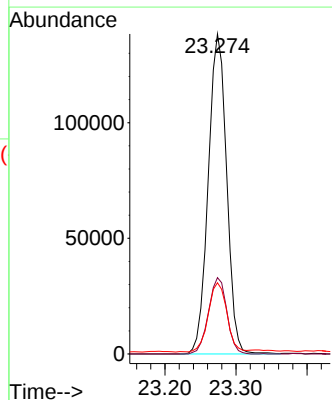
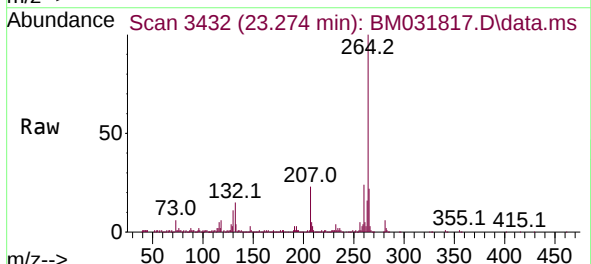
Instrument :
BNA_M
ClientSampled :
CHRT-26855

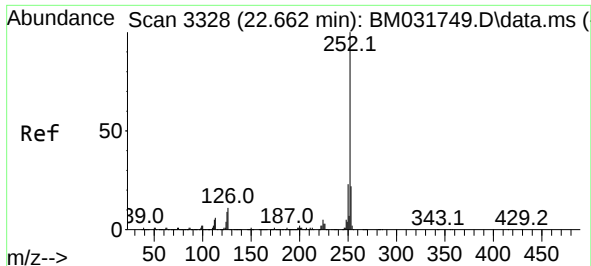
Tgt Ion:	228	Resp:	50539
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.6	36.8
229	22.8	15.5	23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.274 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

Tgt Ion:	264	Resp:	249255
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.8	29.8
265	22.2	17.7	26.5

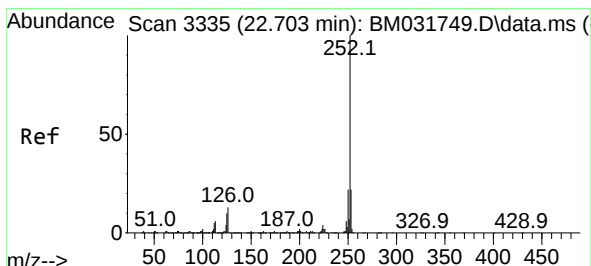
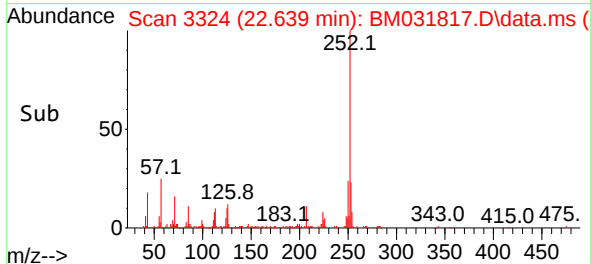
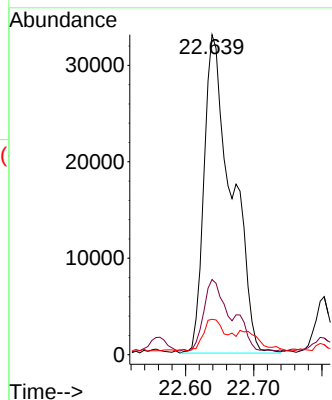
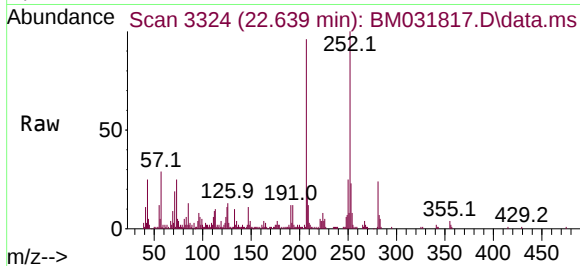




#88
Benzo(b)fluoranthene
Concen: 4.971 ng
RT: 22.639 min Scan# 3324
Delta R.T. -0.006 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

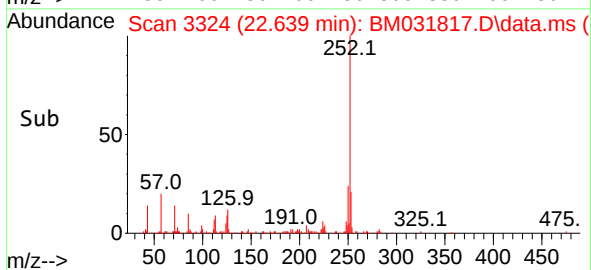
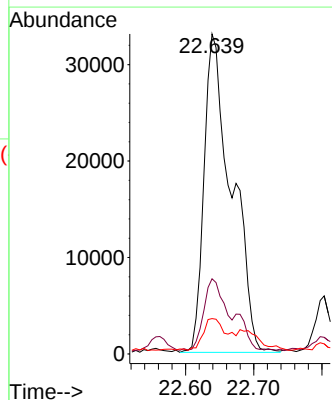
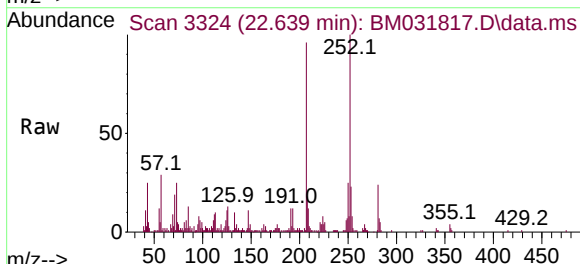
Instrument :
BNA_M
ClientSampleId :
CHRT-26855

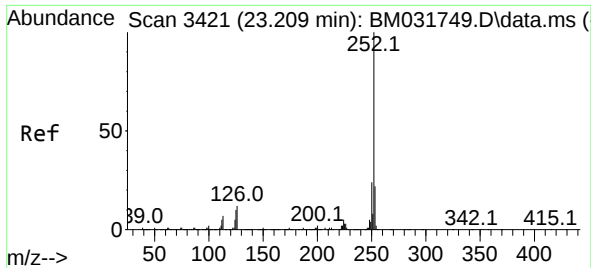
Tgt Ion:252 Resp: 93029
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 11.0 6.8 10.2#



#89
Benzo(k)fluoranthene
Concen: 5.150 ng
RT: 22.639 min Scan# 3324
Delta R.T. -0.053 min
Lab File: BM031817.D
Acq: 18 Aug 2021 22:08

Tgt Ion:252 Resp: 93029
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 11.0 6.2 9.2#





#90

Benzo(a)pyrene

Concen: 2.655 ng

RT: 23.180 min Scan# 3416

Delta R.T. -0.012 min

Lab File: BM031817.D

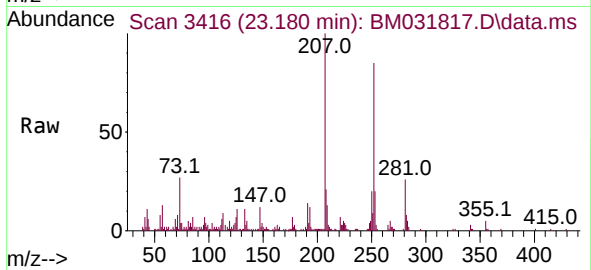
Acq: 18 Aug 2021 22:08

Instrument :

BNA_M

ClientSampleId :

CHRT-26855



Tgt Ion:252 Resp: 43985

Ion Ratio Lower Upper

252 100

253 24.1 17.7 26.5

125 8.8 7.3 10.9

