

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032548.D
 Acq On : 16 Oct 2021 05:22
 Operator : CG/JU
 Sample : PB139821BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS821

Quant Time: Oct 18 05:27:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

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

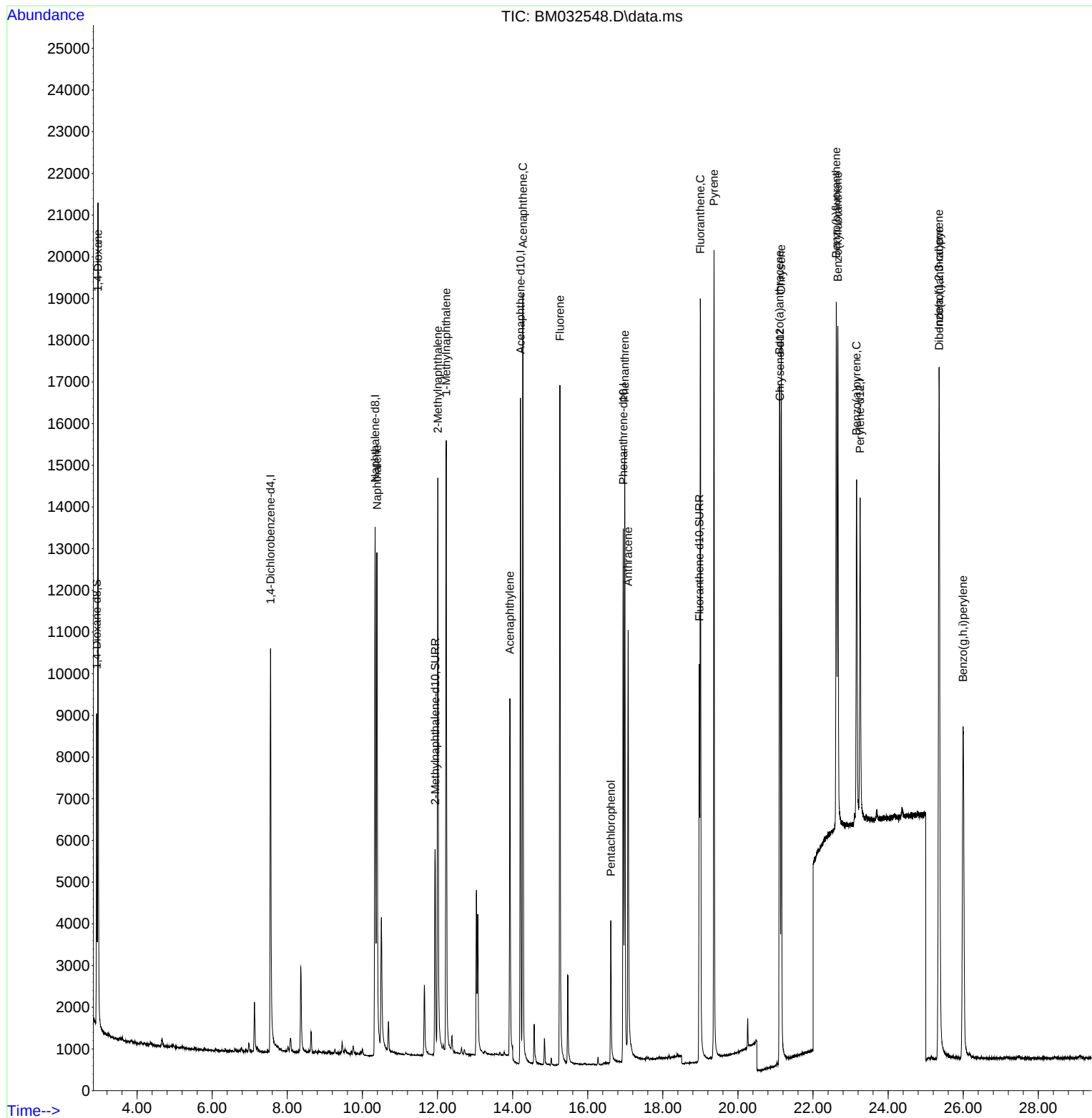
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5934	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	18287	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	8415	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	14464	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.121	240	10044	0.40	ng/ul	-0.01
23) Perylene-d12	23.254	264	9584	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.924	96	4233	0.64	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	7367	0.30	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	10304	0.33	ng/ul	0.00
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.958	88	12136	1.66	ng/ul#	79
5) Naphthalene	10.389	128	17584	0.32	ng/ul	99
7) 2-Methylnaphthalene	12.008	142	10876	0.30	ng/ul	100
8) 1-Methylnaphthalene	12.233	142	10379	0.29	ng/ul	99
10) Acenaphthylene	13.928	152	10919	0.30	ng/ul	99
11) Acenaphthene	14.274	153	10623	0.32	ng/ul	99
12) Fluorene	15.260	166	10934	0.30	ng/ul	99
14) Pentachlorophenol	16.616	266	2488	0.67	ng/ul	99
15) Phenanthrene	16.984	178	15709	0.32	ng/ul	100
16) Anthracene	17.078	178	12654	0.30	ng/ul	99
19) Fluoranthene	19.000	202	15890	0.32	ng/ul	99
20) Pyrene	19.362	202	16087	0.31	ng/ul	99
21) Benzo(a)anthracene	21.106	228	12166	0.31	ng/ul	99
22) Chrysene	21.155	228	14541	0.34	ng/ul	100
24) Benzo(b)fluoranthene	22.619	252	14744	0.33	ng/ul	96
25) Benzo(k)fluoranthene	22.661	252	14894	0.34	ng/ul	95
26) Benzo(a)pyrene	23.160	252	12171	0.33	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.355	276	17026	0.38	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.362	278	13398	0.37	ng/ul	98
29) Benzo(g,h,i)perylene	25.997	276	15560	0.39	ng/ul	98

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

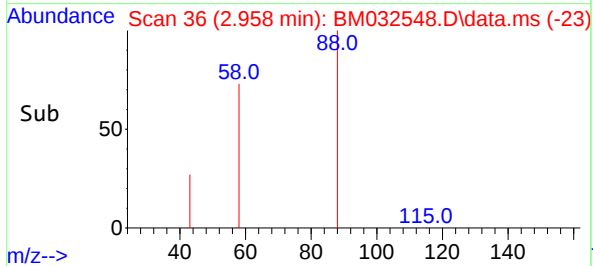
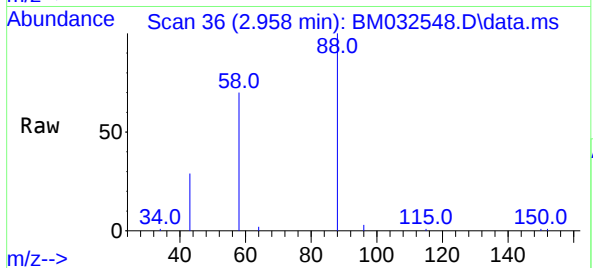
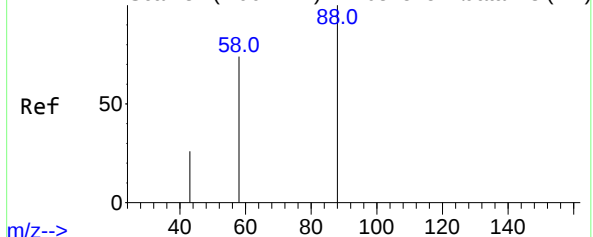
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032548.D
Acq On : 16 Oct 2021 05:22
Operator : CG/JU
Sample : PB139821BS
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Instrument :
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QLast Update : Fri Oct 15 12:37:00 2021
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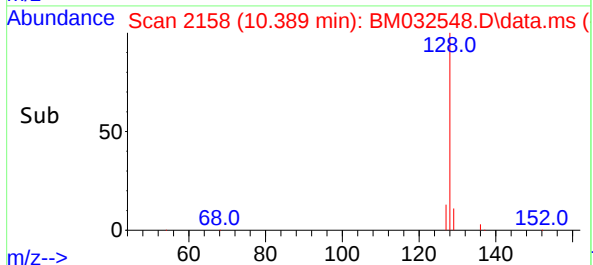
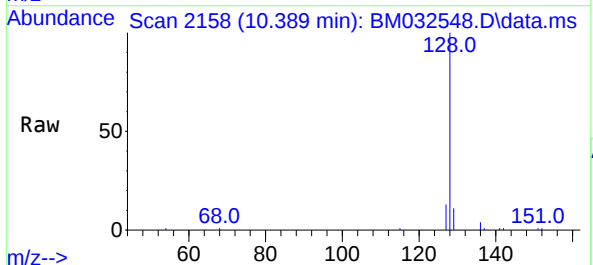
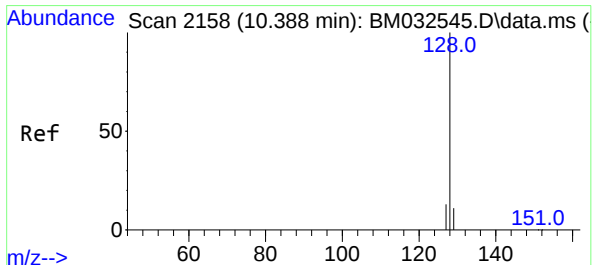
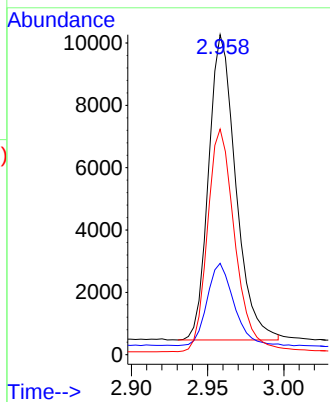


Abundance Scan 37 (2.961 min): BM032545.D\data.ms (-27)



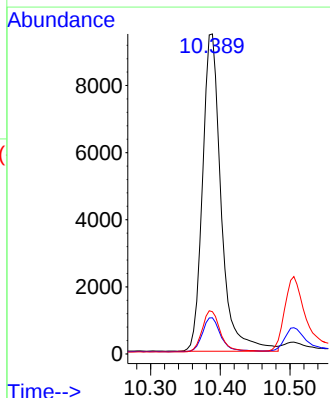
#2
1,4-Dioxane
Concen: 1.66 ng/ul
RT: 2.958 min Scan# 36
Delta R.T. -0.003 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

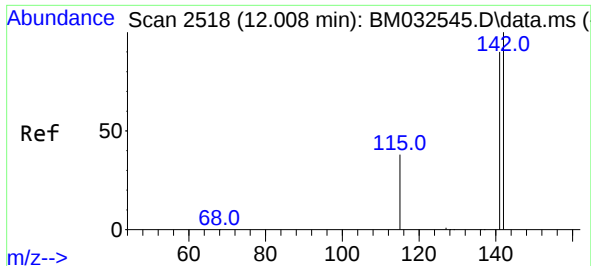
Tgt Ion:	88	Resp:	12136
Ion	Ratio	Lower	Upper
88	100		
43	28.6	46.6	69.8#
58	70.5	60.7	91.1



#5
Naphthalene
Concen: 0.32 ng/ul
RT: 10.389 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

Tgt Ion:	128	Resp:	17584
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.2	11.1	16.7

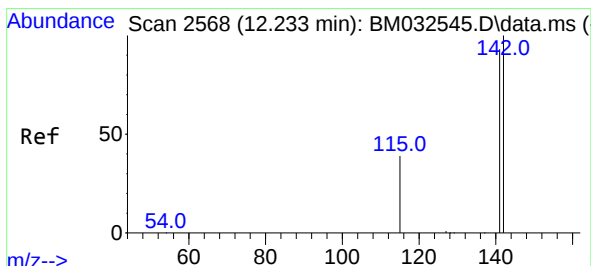
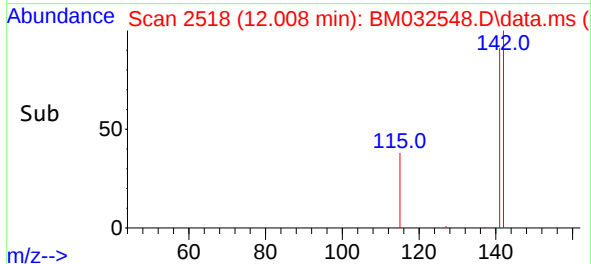
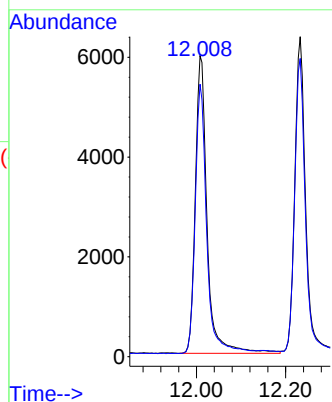
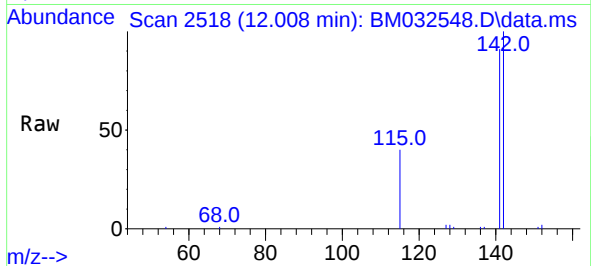




#7
2-Methylnaphthalene
Concen: 0.30 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

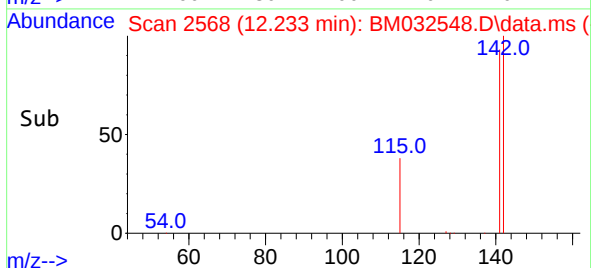
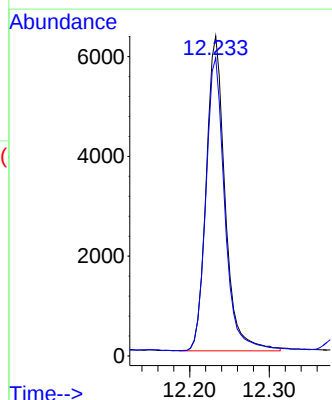
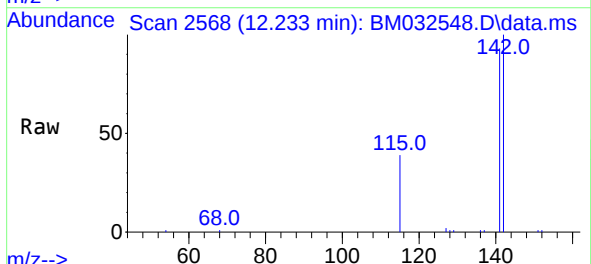
Instrument :
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ClientSampleId :
SLCS821

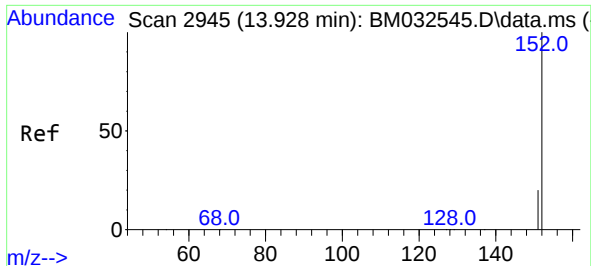
Tgt Ion:142 Resp: 10876
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.29 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. -0.004 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

Tgt Ion:142 Resp: 10379
Ion Ratio Lower Upper
142 100
141 93.0 74.9 112.3

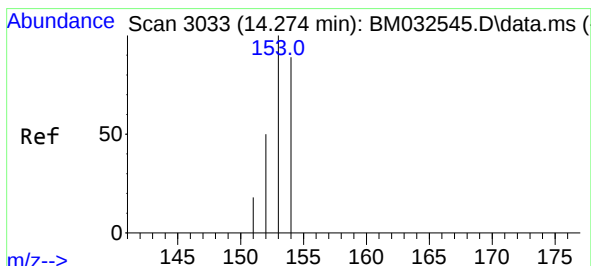
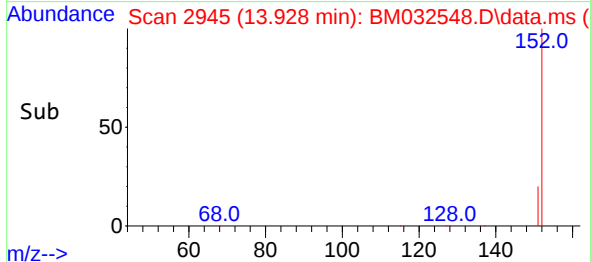
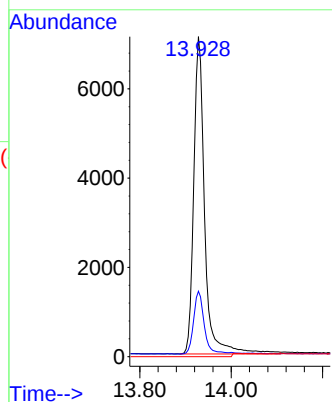
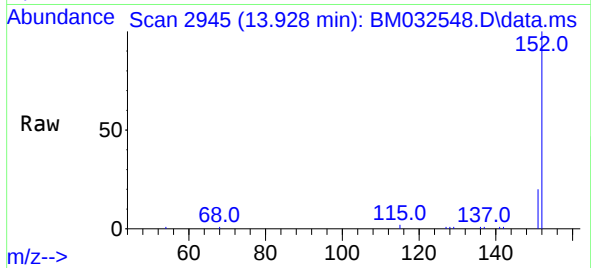




#10
Acenaphthylene
Concen: 0.30 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.004 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

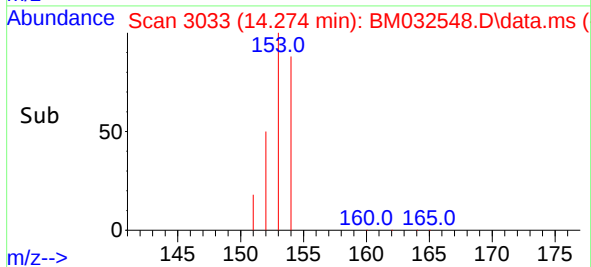
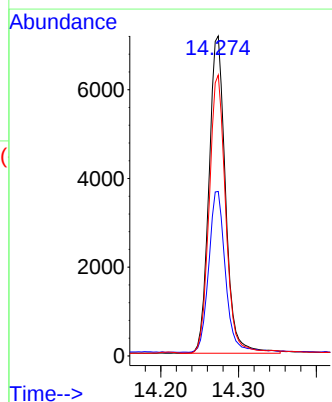
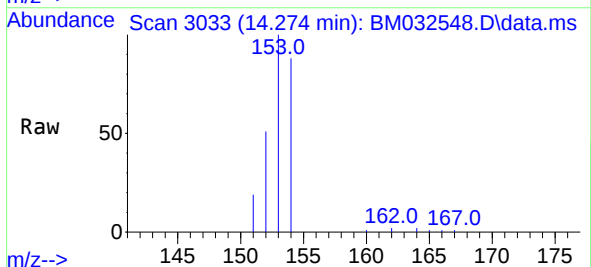
Instrument :
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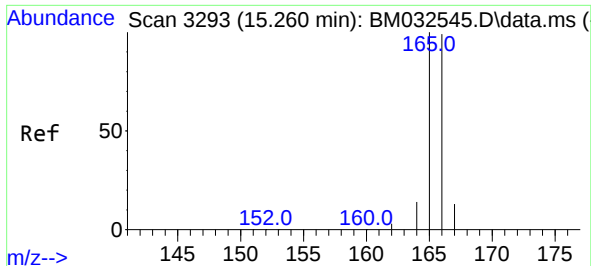
Tgt Ion:152 Resp: 10919
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.32 ng/ul
RT: 14.274 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

Tgt Ion:153 Resp: 10623
Ion Ratio Lower Upper
153 100
152 51.4 40.4 60.6
154 87.8 70.8 106.2

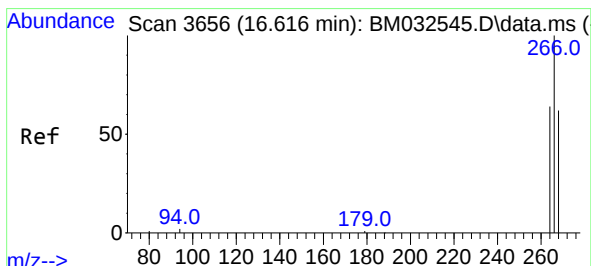
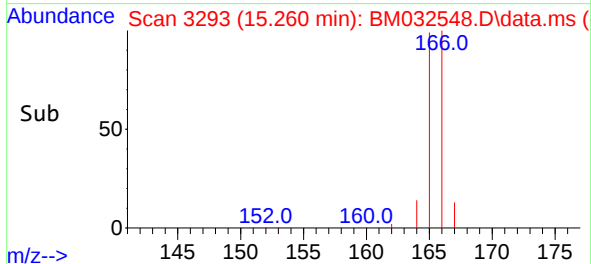
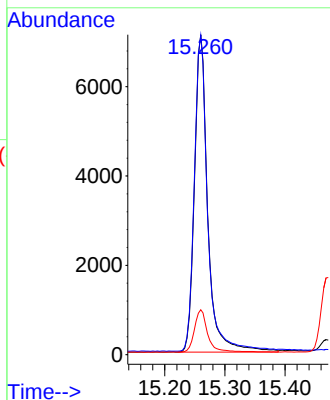
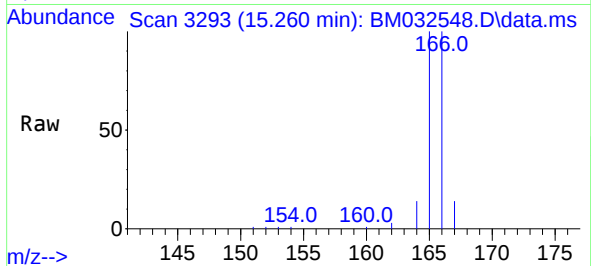




#12
Fluorene
Concen: 0.30 ng/ul
RT: 15.260 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

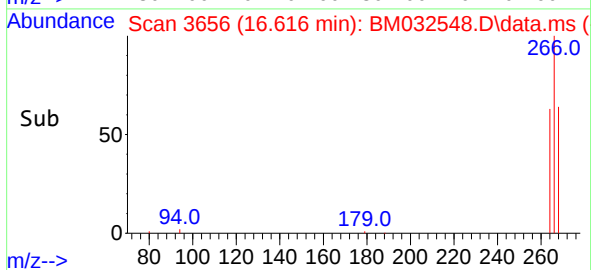
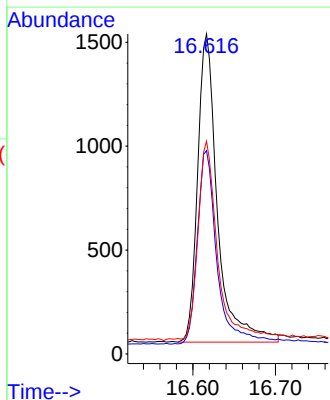
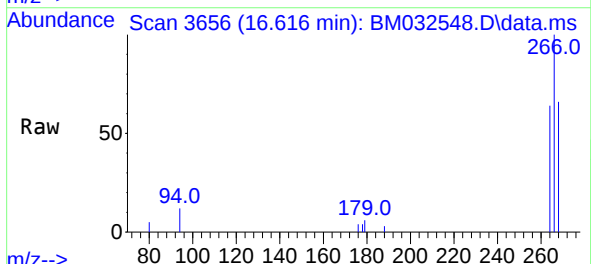
Instrument :
BNA_M
ClientSampleId :
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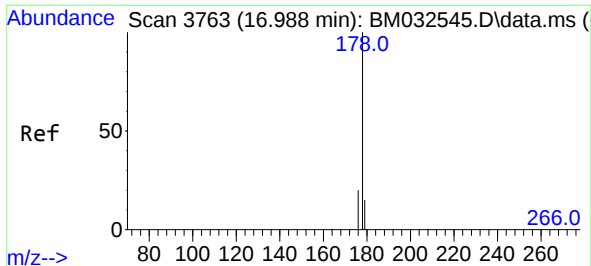
Tgt Ion:	166	Resp:	10934
Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.7	121.1
167	14.1	11.2	16.8



#14
Pentachlorophenol
Concen: 0.67 ng/ul
RT: 16.616 min Scan# 3656
Delta R.T. -0.007 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

Tgt Ion:	266	Resp:	2488
Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.8	76.2
268	62.5	50.2	75.2

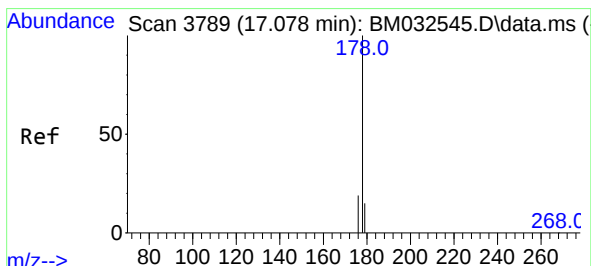
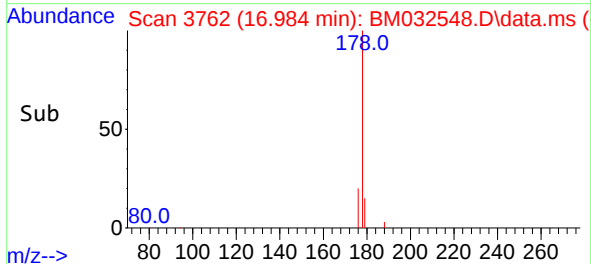
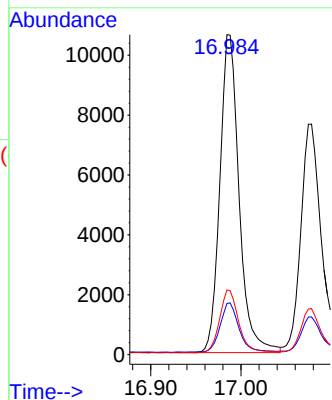
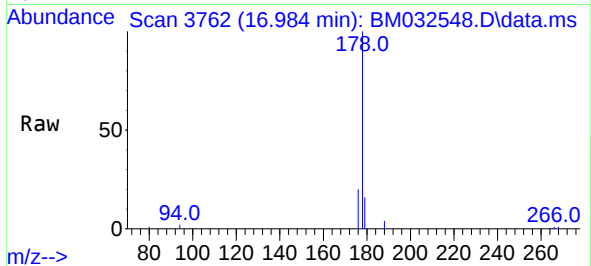




#15
Phenanthrene
Concen: 0.32 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.010 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

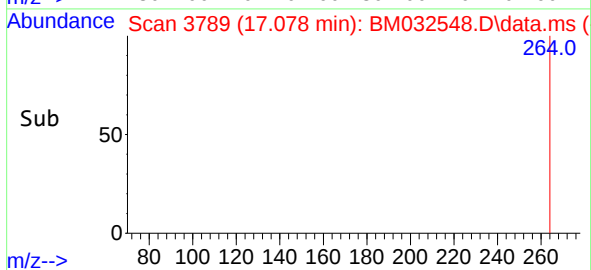
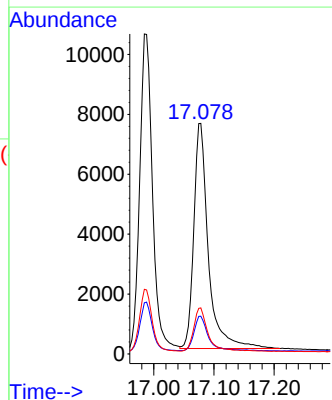
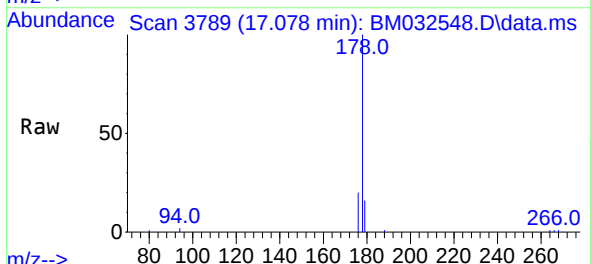
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ClientSampleId :
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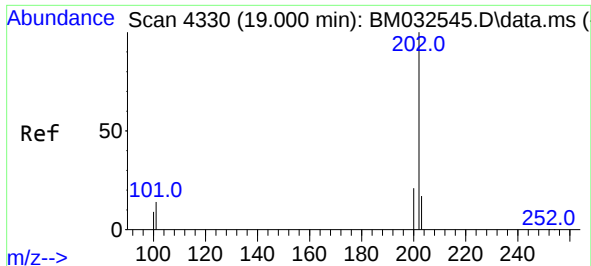
Tgt Ion:	178	Resp:	15709
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.9	19.3
176	20.2	16.1	24.1



#16
Anthracene
Concen: 0.30 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. -0.007 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

Tgt Ion:	178	Resp:	12654
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	20.0	15.8	23.6

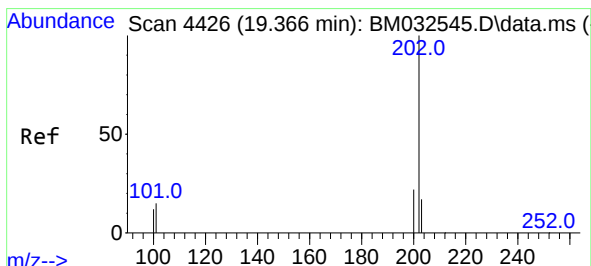
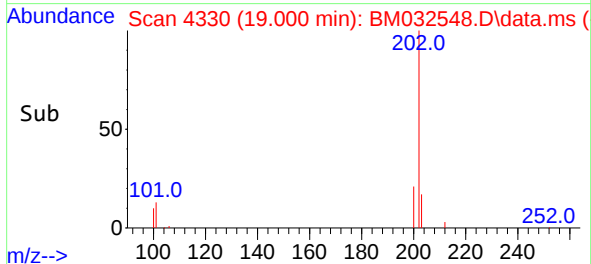
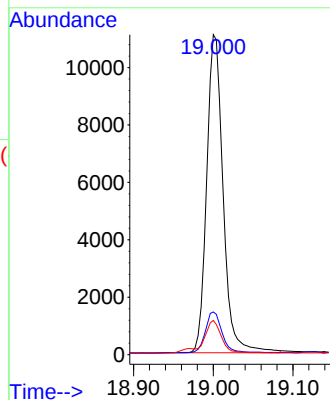
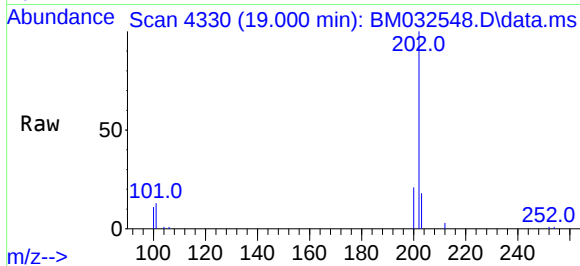




#19
Fluoranthene
Concen: 0.32 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.011 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

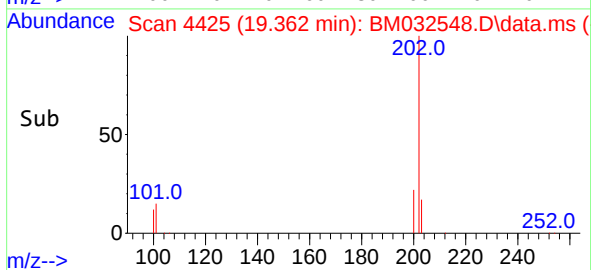
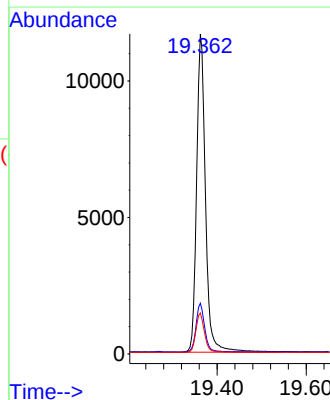
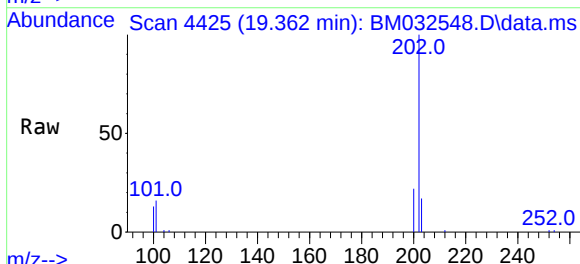
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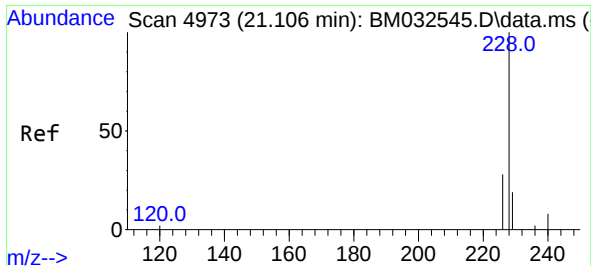
Tgt Ion:	202	Resp:	15890
Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.6	16.0
100	10.7	7.8	11.8



#20
Pyrene
Concen: 0.31 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.011 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

Tgt Ion:	202	Resp:	16087
Ion	Ratio	Lower	Upper
202	100		
101	15.8	12.3	18.5
100	12.8	10.1	15.1

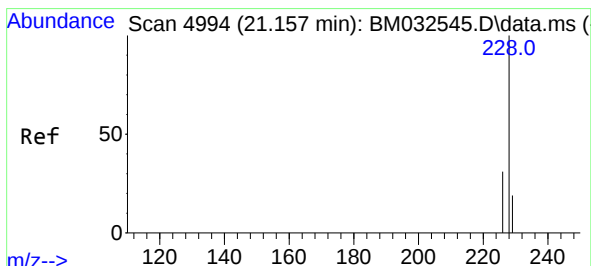
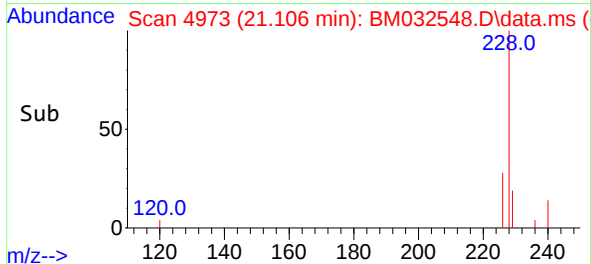
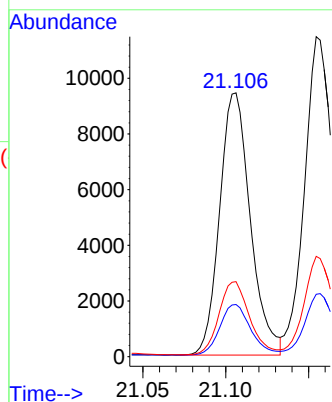
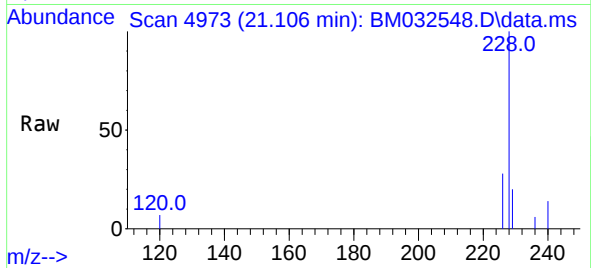




#21
Benzo(a)anthracene
Concen: 0.31 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.014 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

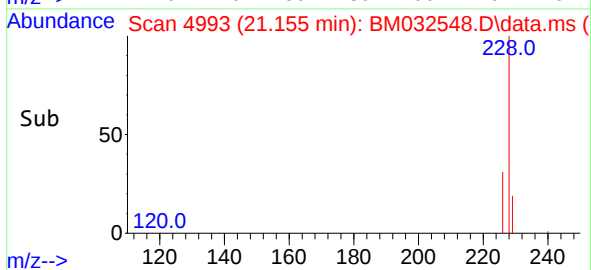
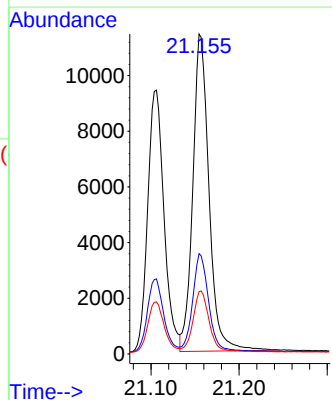
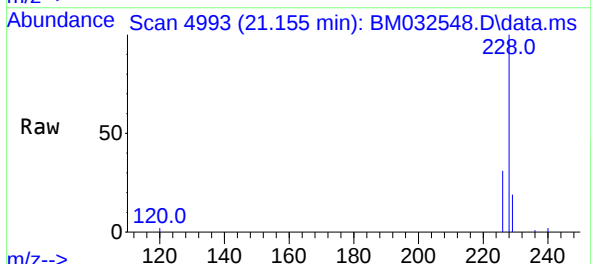
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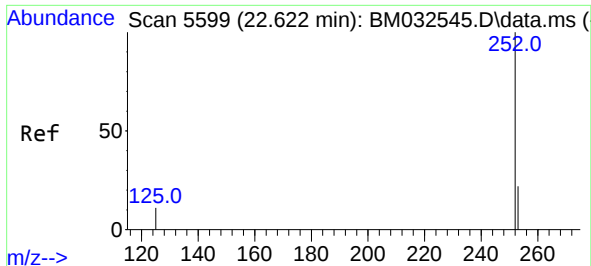
Tgt Ion:	228	Resp:	12166
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.9	23.9
226	28.5	22.4	33.6



#22
Chrysene
Concen: 0.34 ng/ul
RT: 21.155 min Scan# 4993
Delta R.T. -0.017 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

Tgt Ion:	228	Resp:	14541
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.1	37.7
229	19.5	15.7	23.5

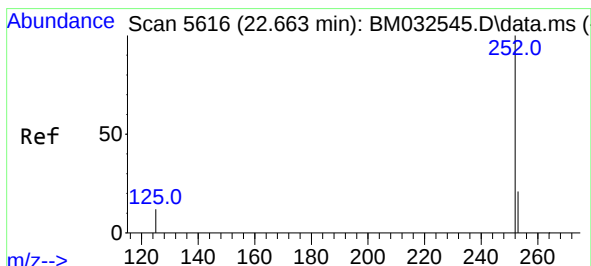
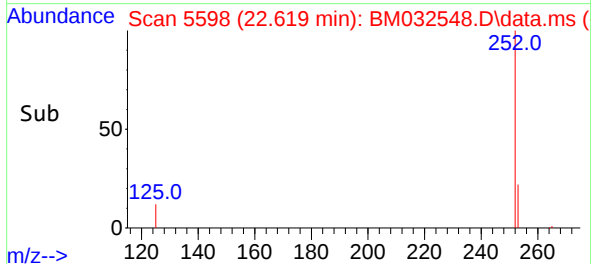
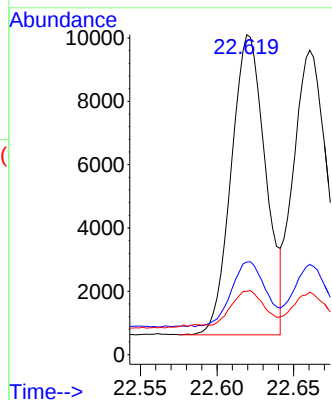
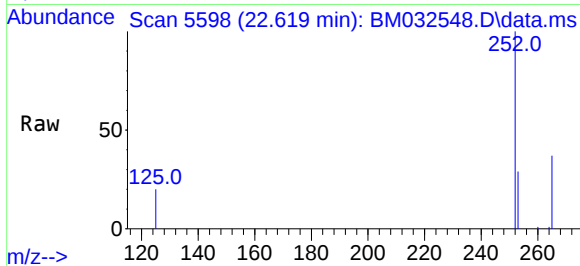




#24
Benzo(b)fluoranthene
Concen: 0.33 ng/ul
RT: 22.619 min Scan# 5598
Delta R.T. -0.024 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

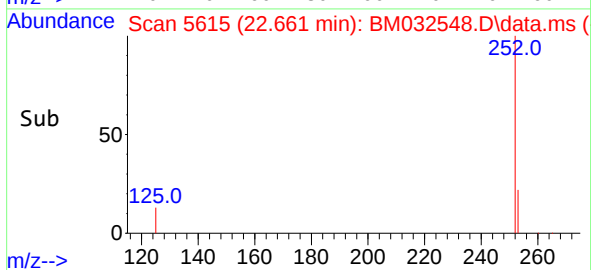
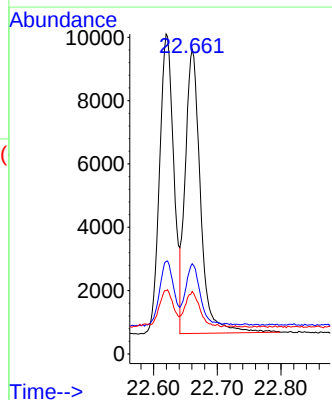
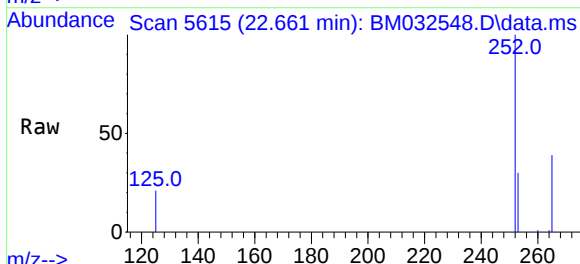
Instrument :
BNA_M
ClientSampleId :
SLCS821

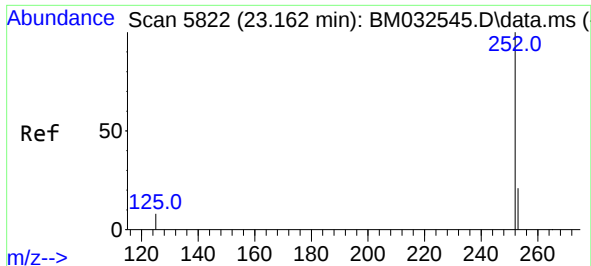
Tgt Ion:252 Resp: 14744
Ion Ratio Lower Upper
252 100
253 28.9 0.0 53.8
125 19.8 0.0 35.6



#25
Benzo(k)fluoranthene
Concen: 0.34 ng/ul
RT: 22.661 min Scan# 5615
Delta R.T. -0.024 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

Tgt Ion:252 Resp: 14894
Ion Ratio Lower Upper
252 100
253 29.6 21.8 32.6
125 20.6 14.4 21.6

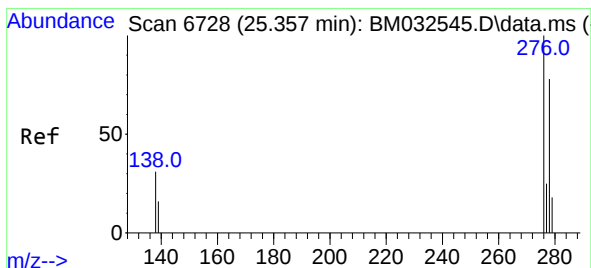
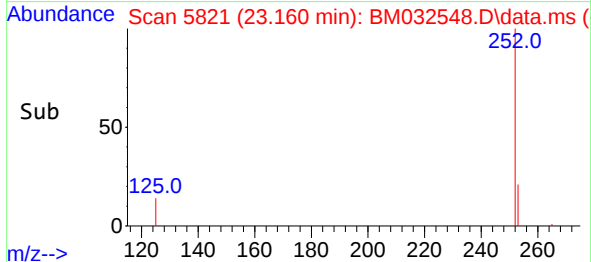
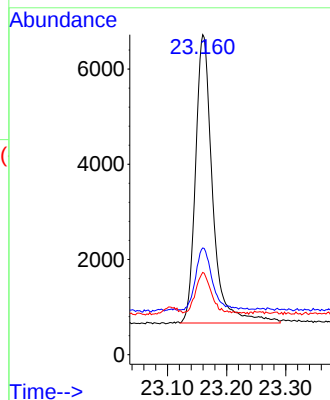
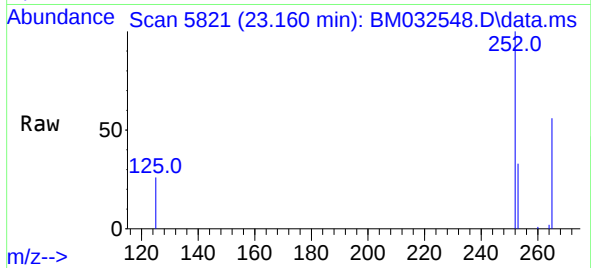




#26
Benzo(a)pyrene
Concen: 0.33 ng/u1
RT: 23.160 min Scan# 5821
Delta R.T. -0.024 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

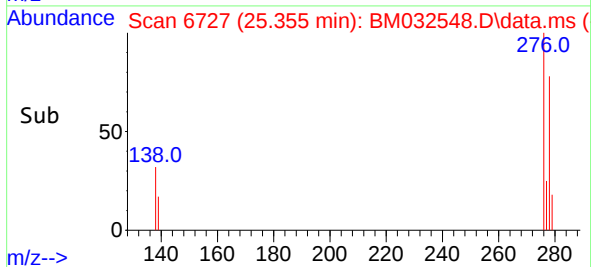
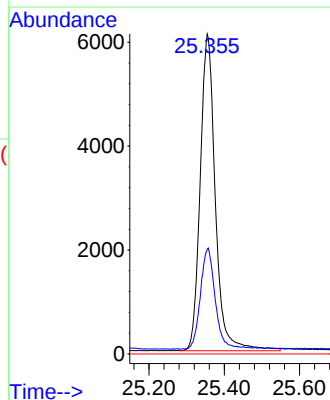
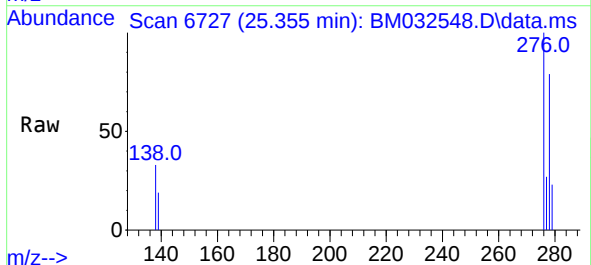
Instrument :
BNA_M
ClientSampleId :
SLCS821

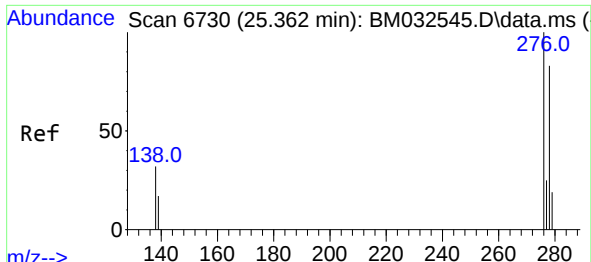
Tgt Ion:	252	Resp:	12171
Ion Ratio	Lower	Upper	
252	100		
253	33.4	23.6	35.4
125	25.7	17.1	25.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/u1
RT: 25.355 min Scan# 6727
Delta R.T. -0.031 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

Tgt Ion:	276	Resp:	17026
Ion Ratio	Lower	Upper	
276	100		
138	31.0	24.9	37.3
227	0.0	0.0	0.0

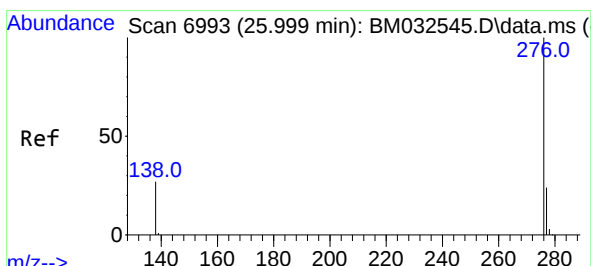
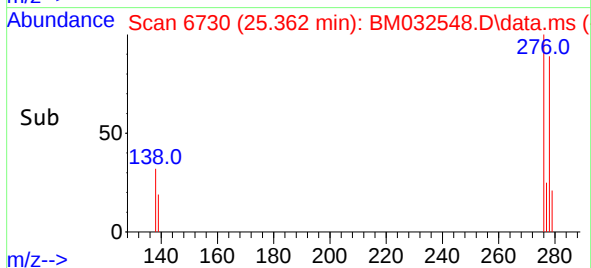
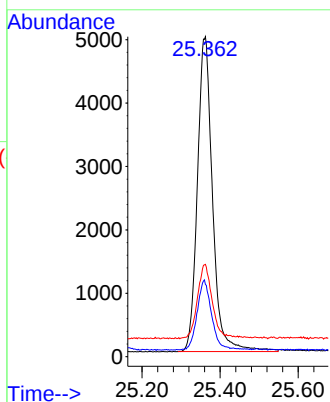
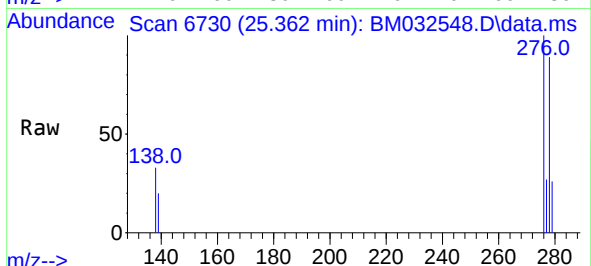




#28
Dibenzo(a,h)anthracene
Concen: 0.37 ng/ul
RT: 25.362 min Scan# 6730
Delta R.T. -0.031 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

Instrument :
BNA_M
ClientSampleId :
SLCS821

Tgt Ion:	278	Resp:	13398
Ion	Ratio	Lower	Upper
278	100		
139	22.6	18.6	28.0
279	28.8	22.0	33.0



#29
Benzo(g,h,i)perylene
Concen: 0.39 ng/ul
RT: 25.997 min Scan# 6992
Delta R.T. -0.034 min
Lab File: BM032548.D
Acq: 16 Oct 2021 05:22

Tgt Ion:	276	Resp:	15560
Ion	Ratio	Lower	Upper
276	100		
138	28.9	22.6	33.8
277	25.8	19.9	29.9

