

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032530.D
 Acq On : 15 Oct 2021 17:47
 Operator : CG/JU
 Sample : PB139669BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS669

Quant Time: Oct 15 18:21:56 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)

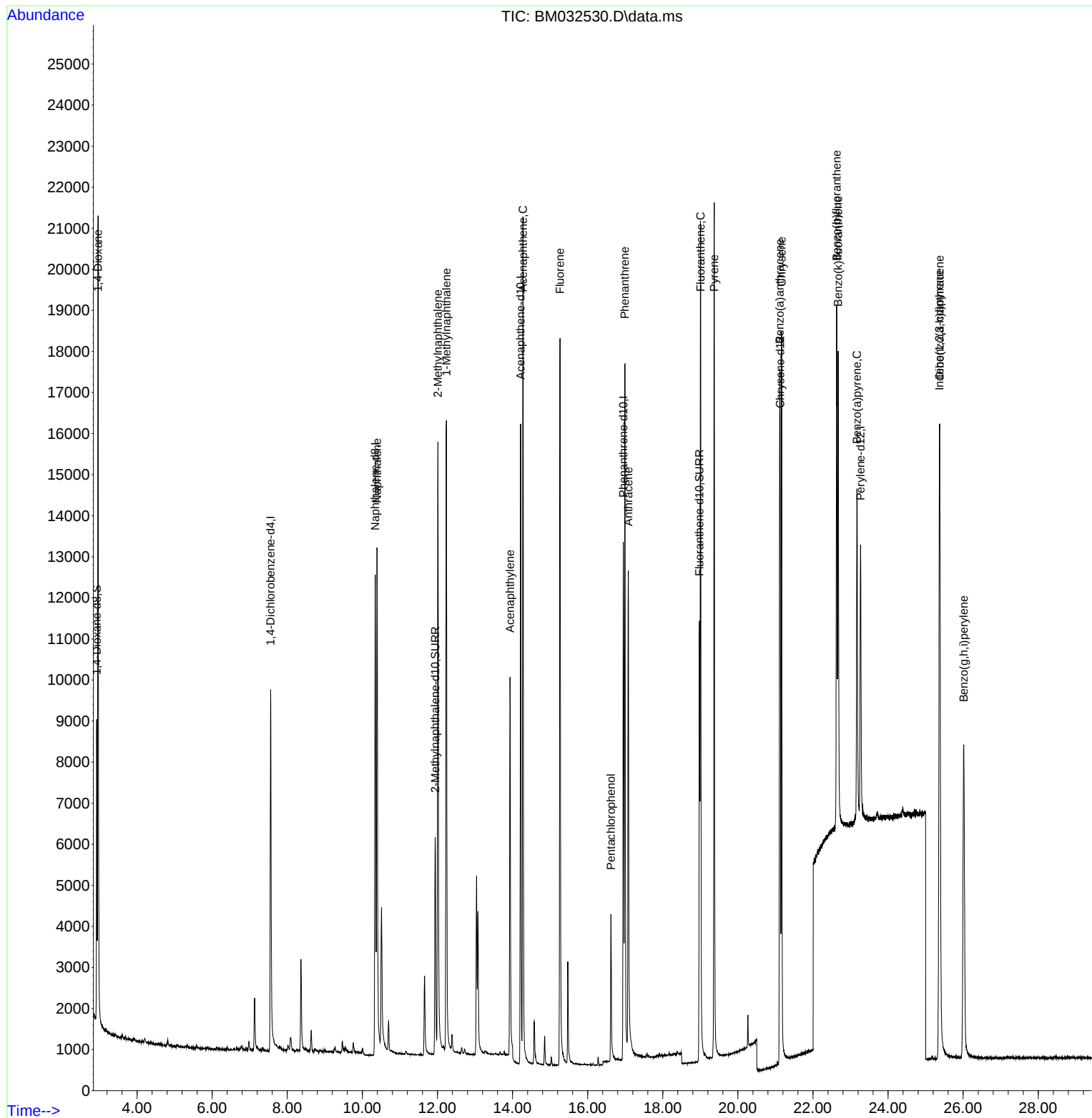
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	5331	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	16889	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	8268	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	14561	0.40	ng/ul	0.00
17) Chrysene-d12	21.128	240	9663	0.40	ng/ul	0.00
23) Perylene-d12	23.266	264	8602	0.40	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	4294	0.72	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	7750	0.34	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	11364	0.37	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.962	88	12207	1.85	ng/ul#	78
5) Naphthalene	10.389	128	17966	0.35	ng/ul	99
7) 2-Methylnaphthalene	12.012	142	11568	0.35	ng/ul	100
8) 1-Methylnaphthalene	12.237	142	11131	0.34	ng/ul	99
10) Acenaphthylene	13.933	152	11887	0.34	ng/ul	99
11) Acenaphthene	14.278	153	11718	0.36	ng/ul	99
12) Fluorene	15.263	166	12122	0.33	ng/ul	98
14) Pentachlorophenol	16.620	266	2516	0.67	ng/ul	99
15) Phenanthrene	16.991	178	17515	0.36	ng/ul	99
16) Anthracene	17.081	178	14240	0.33	ng/ul	100
19) Fluoranthene	19.008	202	17548	0.37	ng/ul	99
20) Pyrene	19.370	202	17779	0.36	ng/ul	99
21) Benzo(a)anthracene	21.113	228	12652	0.34	ng/ul	100
22) Chrysene	21.164	228	15061	0.36	ng/ul	100
24) Benzo(b)fluoranthene	22.631	252	14413	0.36	ng/ul	95
25) Benzo(k)fluoranthene	22.670	252	14864	0.38	ng/ul	94
26) Benzo(a)pyrene	23.172	252	11982	0.36	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.369	276	16065	0.39	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.374	278	12728	0.40	ng/ul	98
29) Benzo(g,h,i)perylene	26.014	276	14699	0.41	ng/ul	100

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

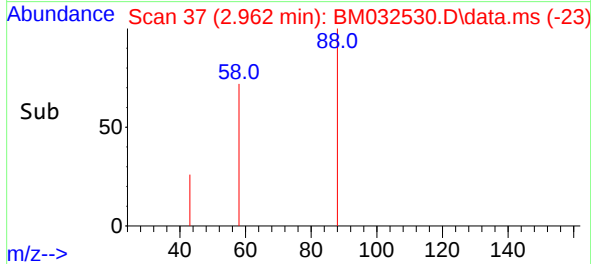
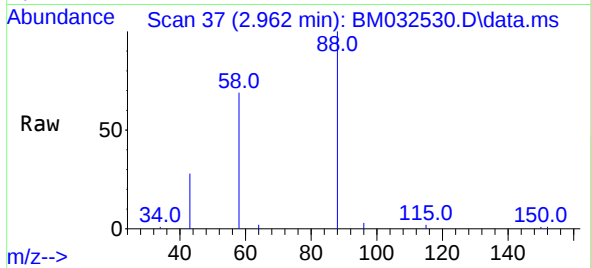
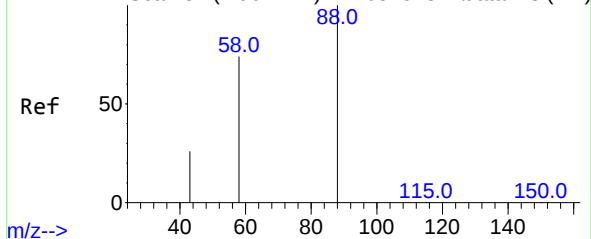
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032530.D
Acq On : 15 Oct 2021 17:47
Operator : CG/JU
Sample : PB139669BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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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

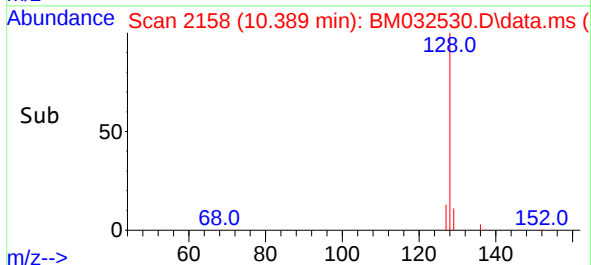
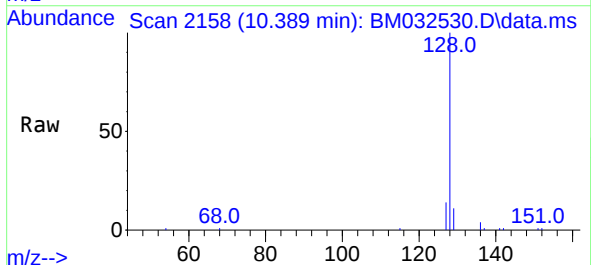
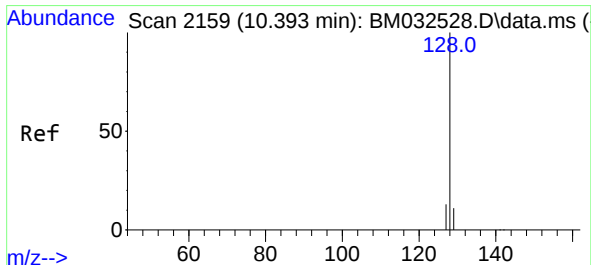
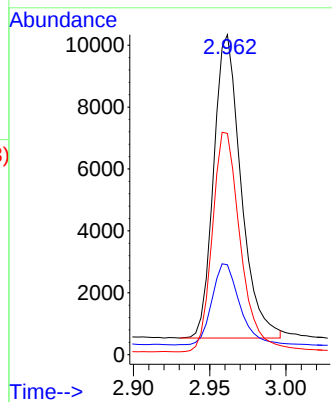


Abundance Scan 37 (2.961 min): BM032528.D\data.ms (-27)



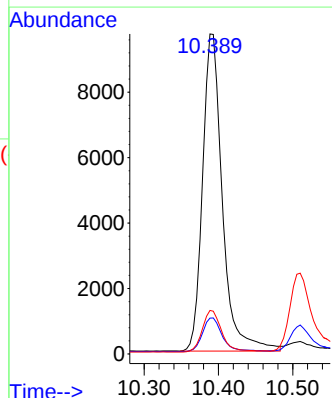
#2
1,4-Dioxane
Concen: 1.85 ng/ul
RT: 2.962 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

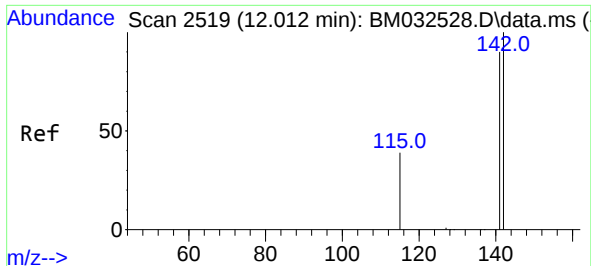
Tgt Ion:	88	Resp:	12207
Ion	Ratio	Lower	Upper
88	100		
43	28.1	46.6	69.8#
58	69.2	60.7	91.1



#5
Naphthalene
Concen: 0.35 ng/ul
RT: 10.389 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Tgt Ion:	128	Resp:	17966
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.6	11.1	16.7

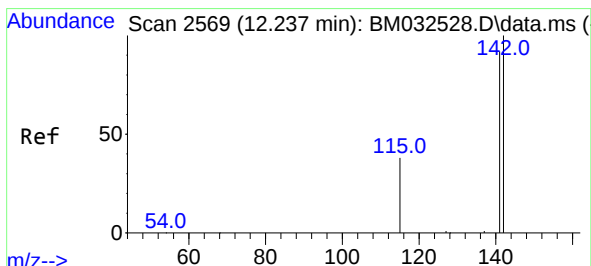
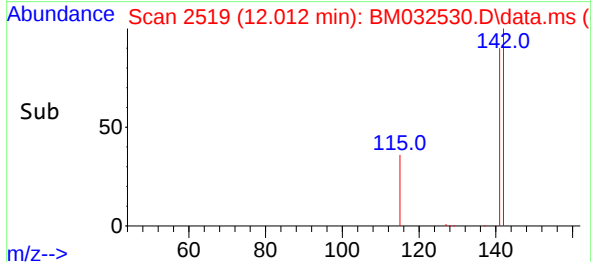
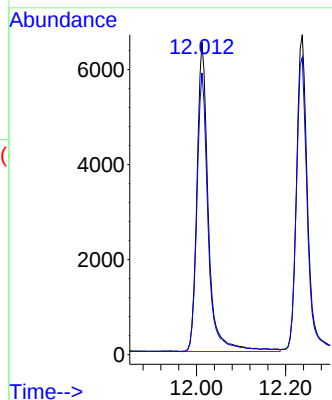
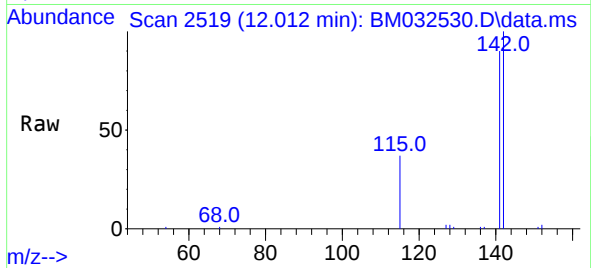




#7
2-Methylnaphthalene
Concen: 0.35 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

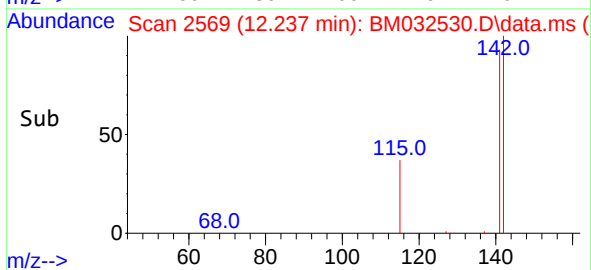
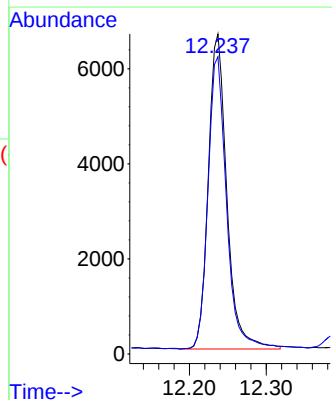
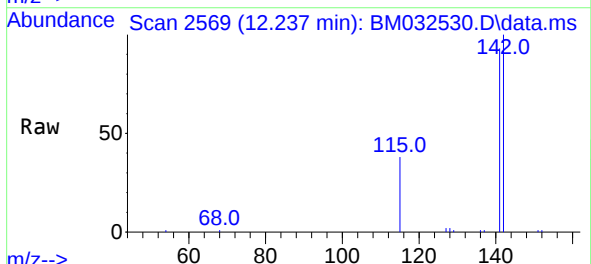
Instrument :
BNA_M
ClientSampleId :
SLCS669

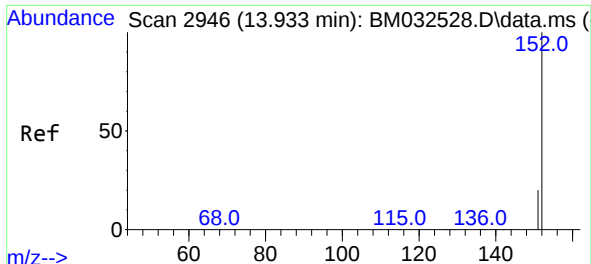
Tgt Ion:142 Resp: 11568
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.34 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Tgt Ion:142 Resp: 11131
Ion Ratio Lower Upper
142 100
141 92.7 74.9 112.3

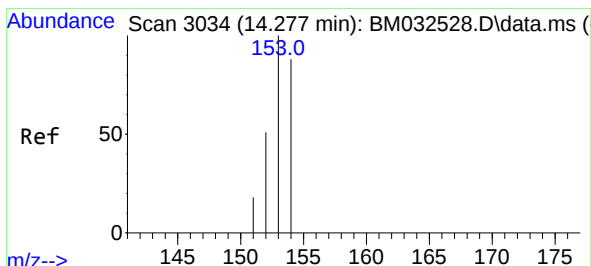
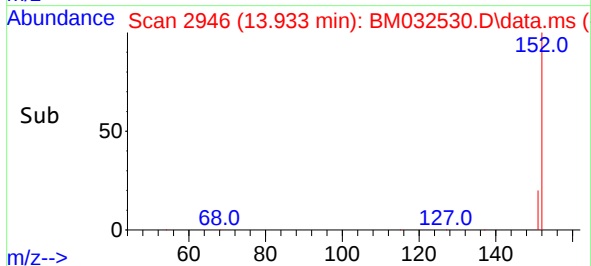
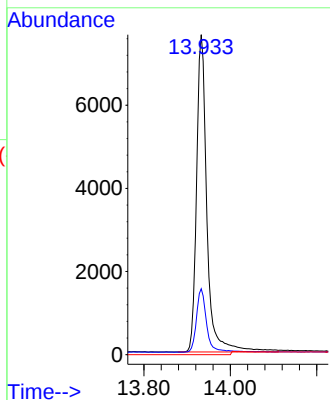
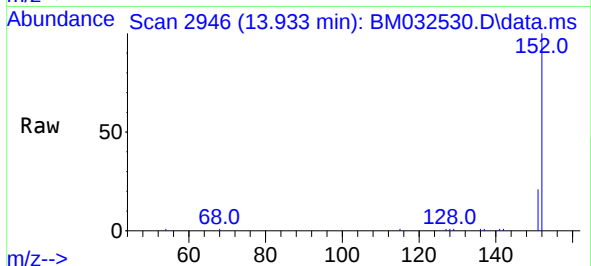




#10
Acenaphthylene
Concen: 0.34 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

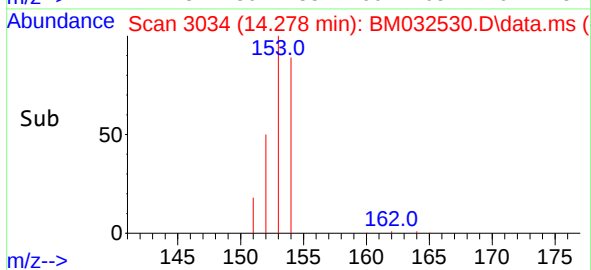
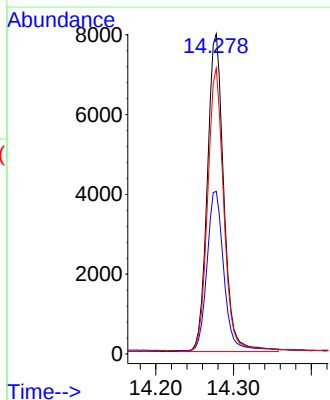
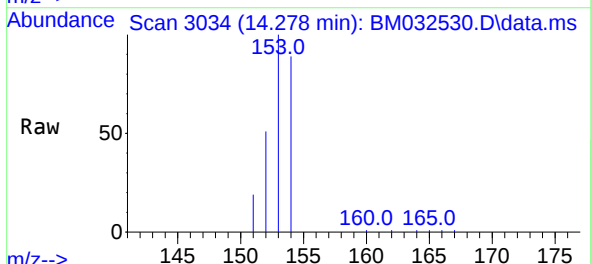
Instrument :
BNA_M
ClientSampled :
SLCS669

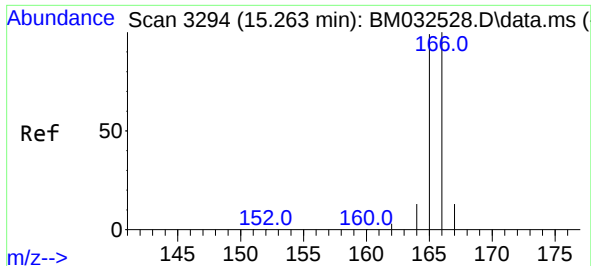
Tgt Ion:152 Resp: 11887
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.36 ng/ul
RT: 14.278 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Tgt Ion:153 Resp: 11718
Ion Ratio Lower Upper
153 100
152 50.8 40.4 60.6
154 89.3 70.8 106.2



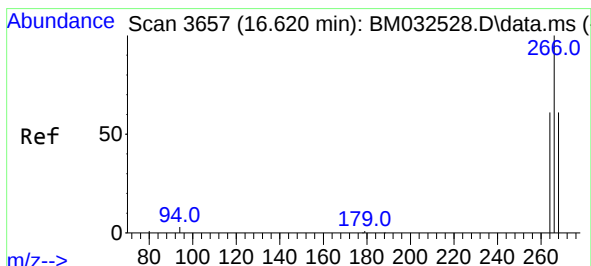
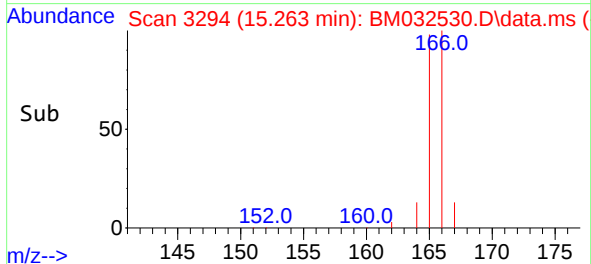
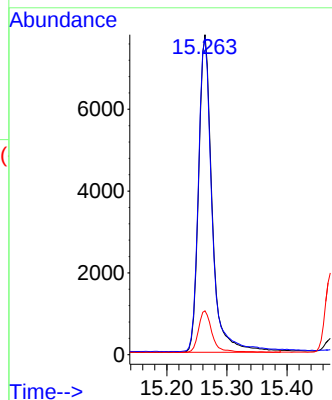
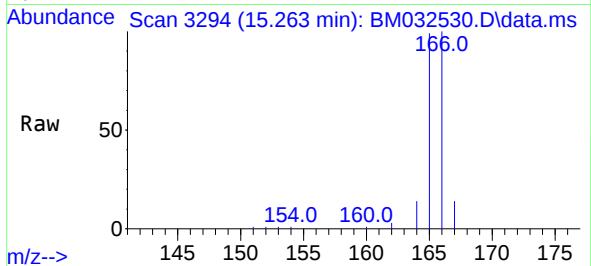


#12
Fluorene
Concen: 0.33 ng/ul
RT: 15.263 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Instrument :
BNA_M
ClientSampleId :
SLCS669

Tgt Ion:166 Resp: 12122

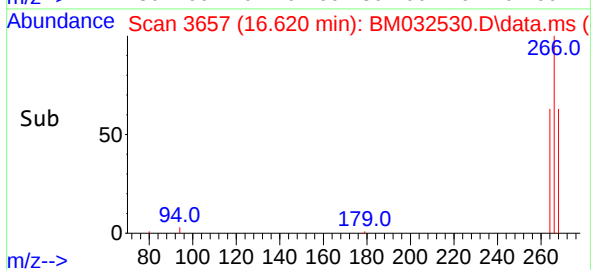
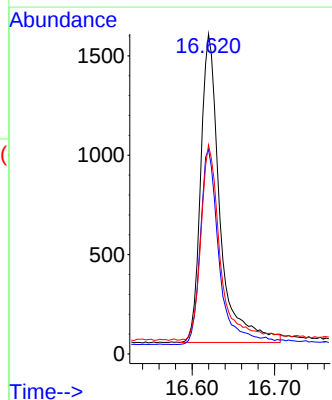
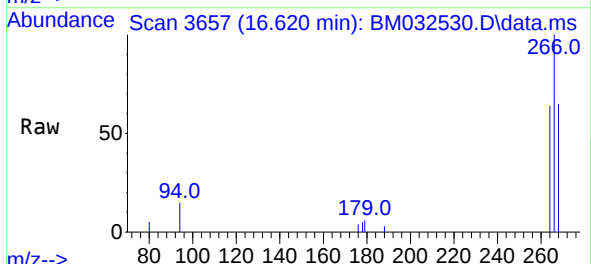
Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.7	121.1
167	13.7	11.2	16.8

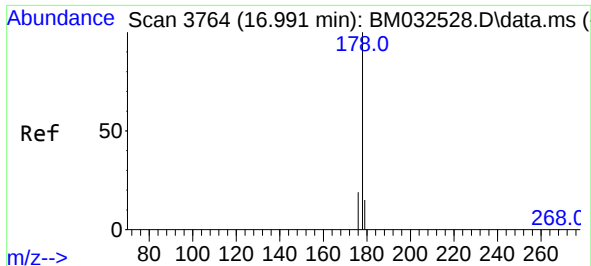


#14
Pentachlorophenol
Concen: 0.67 ng/ul
RT: 16.620 min Scan# 3657
Delta R.T. -0.003 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Tgt Ion:266 Resp: 2516

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.8	76.2
268	64.0	50.2	75.2

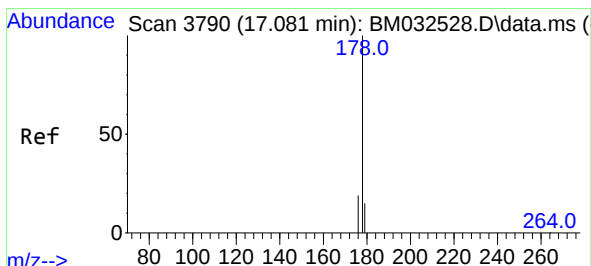
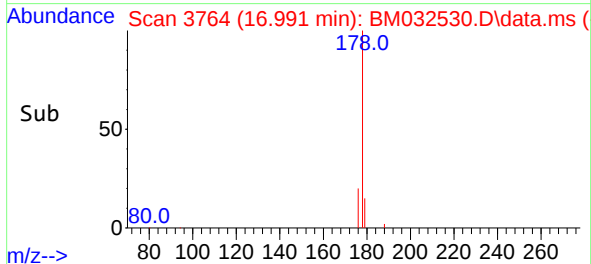
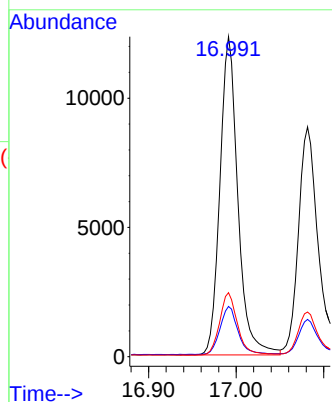
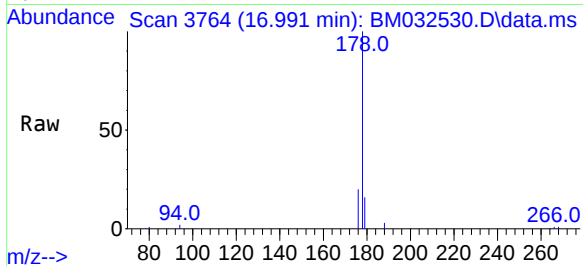




#15
Phenanthrene
Concen: 0.36 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. -0.003 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

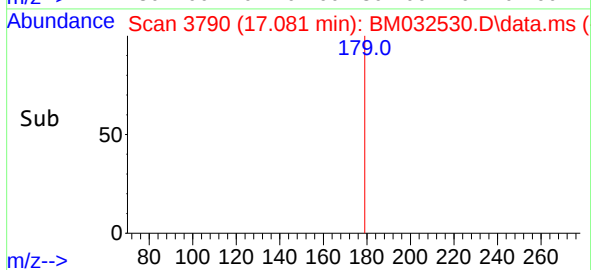
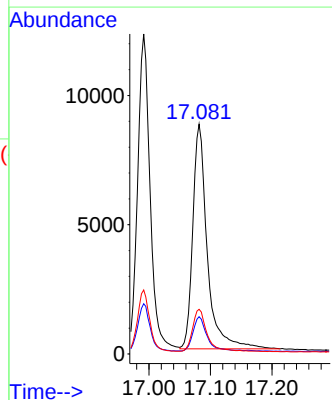
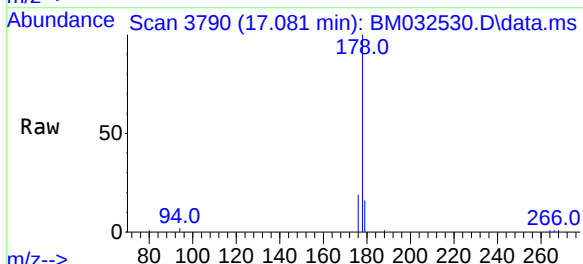
Instrument :
BNA_M
ClientSampleId :
SLCS669

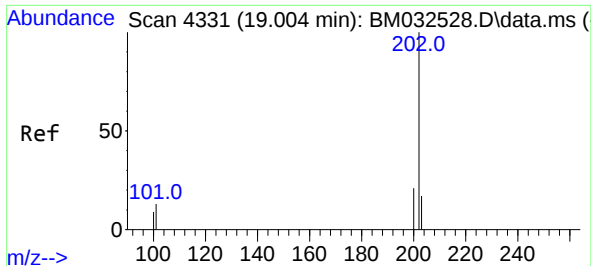
Tgt Ion:	178	Resp:	17515
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.9	19.3
176	20.0	16.1	24.1



#16
Anthracene
Concen: 0.33 ng/ul
RT: 17.081 min Scan# 3790
Delta R.T. -0.003 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Tgt Ion:	178	Resp:	14240
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.9	19.3
176	19.4	15.8	23.6

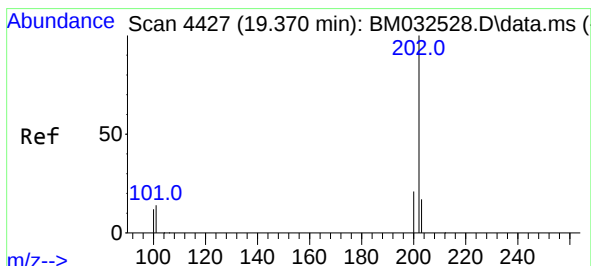
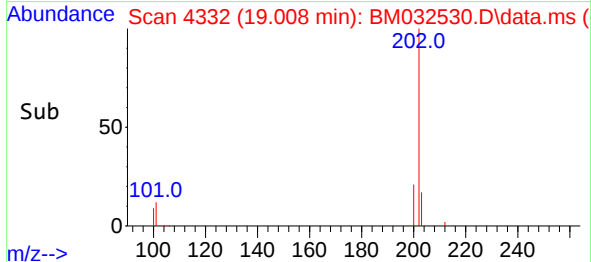
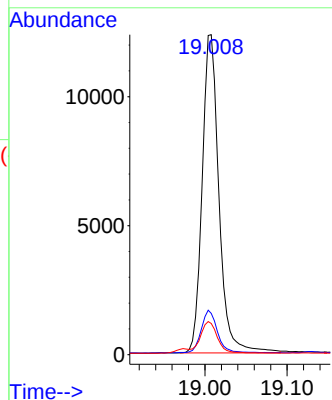
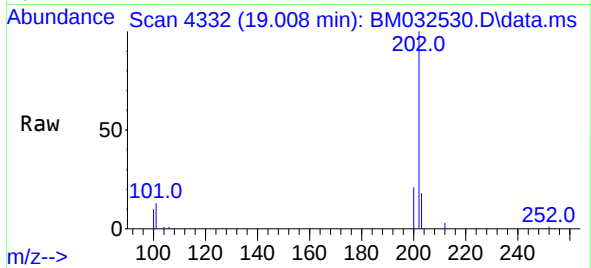




#19
Fluoranthene
Concen: 0.37 ng/ul
RT: 19.008 min Scan# 4332
Delta R.T. -0.004 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

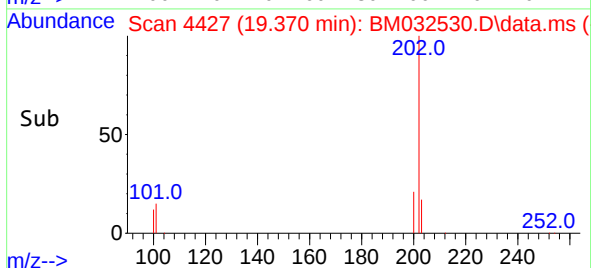
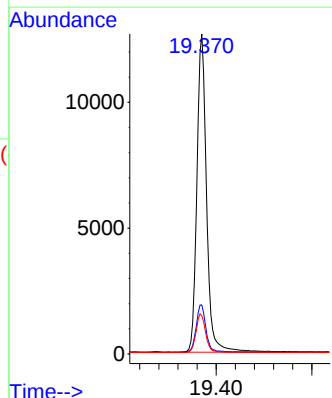
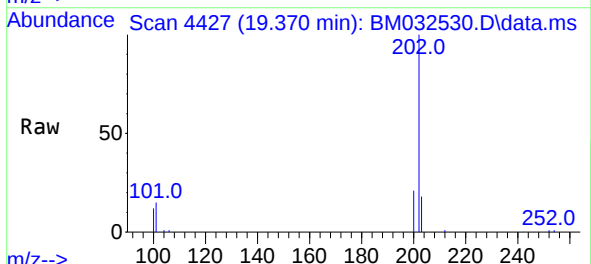
Instrument :
BNA_M
ClientSampleId :
SLCS669

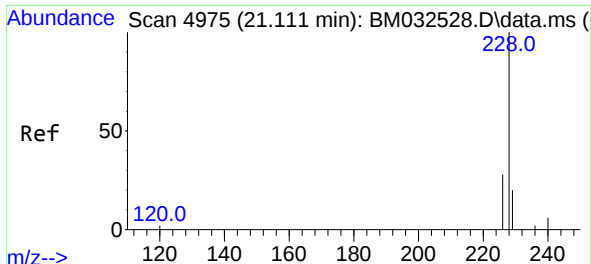
Tgt Ion:202 Resp: 17548
Ion Ratio Lower Upper
202 100
101 12.9 10.6 16.0
100 9.7 7.8 11.8



#20
Pyrene
Concen: 0.36 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Tgt Ion:202 Resp: 17779
Ion Ratio Lower Upper
202 100
101 15.3 12.3 18.5
100 12.0 10.1 15.1



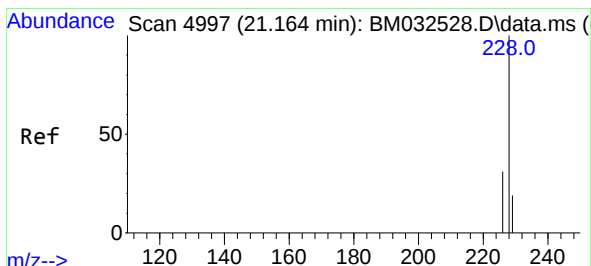
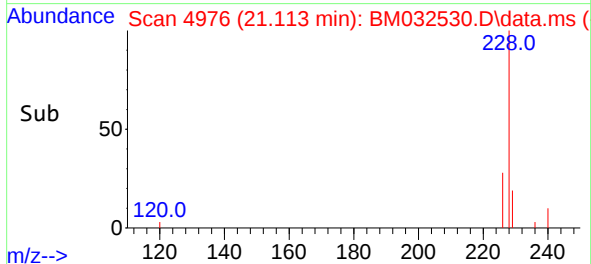
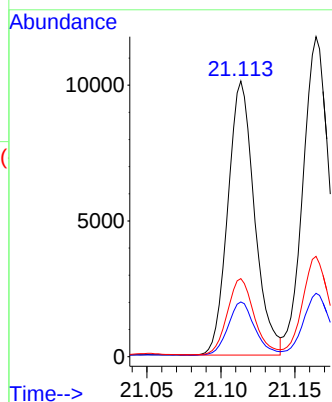
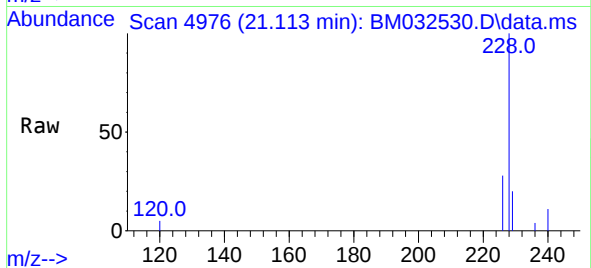


#21
Benzo(a)anthracene
Concen: 0.34 ng/ul
RT: 21.113 min Scan# 4976
Delta R.T. -0.007 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Instrument :
BNA_M
ClientSampleId :
SLCS669

Tgt Ion:228 Resp: 12652

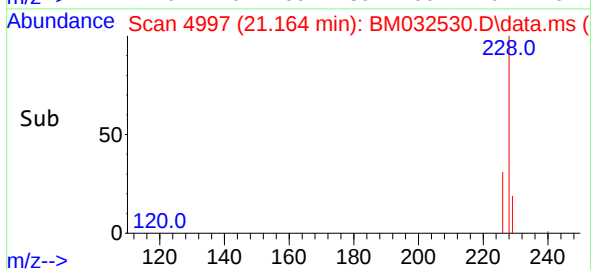
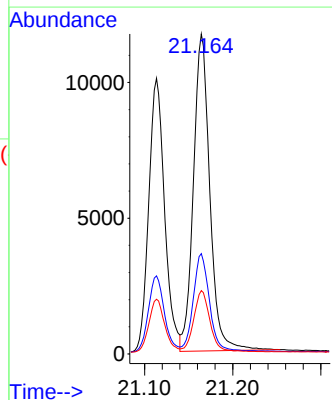
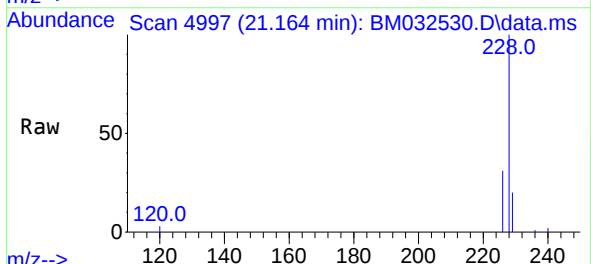
Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	28.3	22.4	33.6

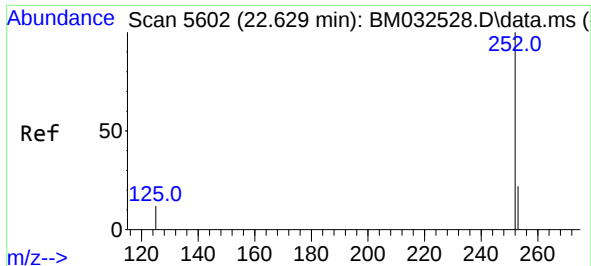


#22
Chrysene
Concen: 0.36 ng/ul
RT: 21.164 min Scan# 4997
Delta R.T. -0.007 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Tgt Ion:228 Resp: 15061

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.1	37.7
229	19.8	15.7	23.5

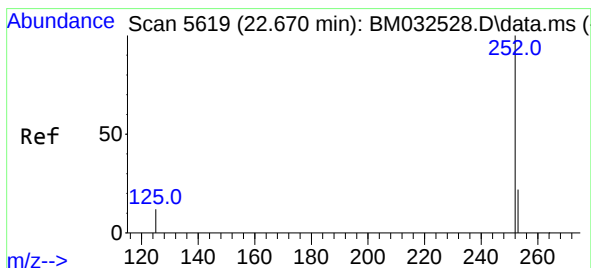
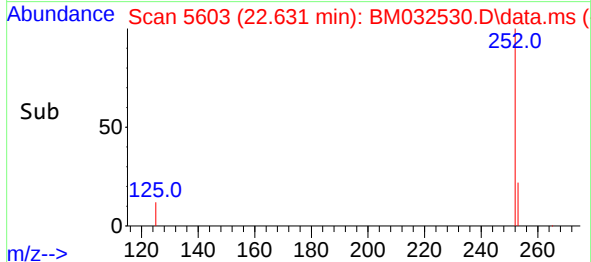
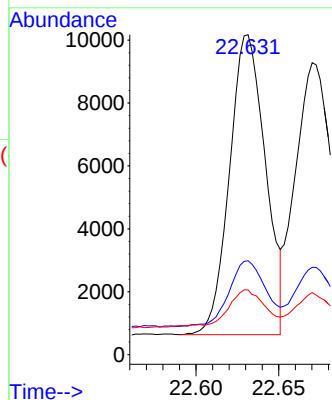
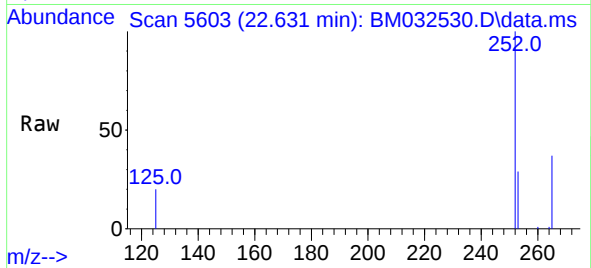




#24
Benzo(b)fluoranthene
Concen: 0.36 ng/ul
RT: 22.631 min Scan# 5603
Delta R.T. -0.012 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

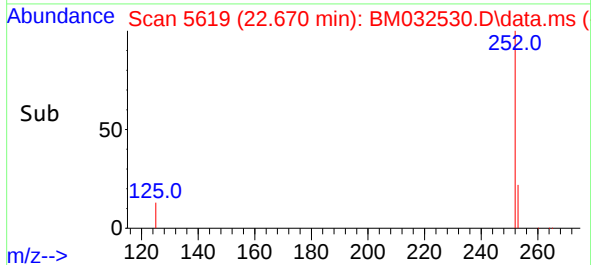
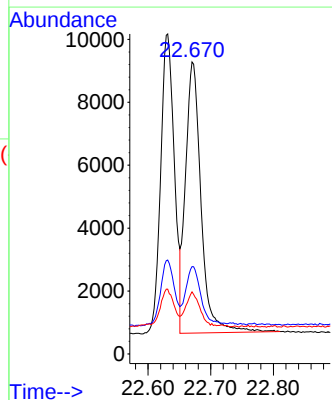
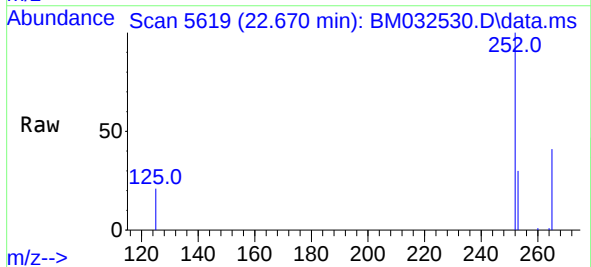
Instrument :
BNA_M
ClientSampleId :
SLCS669

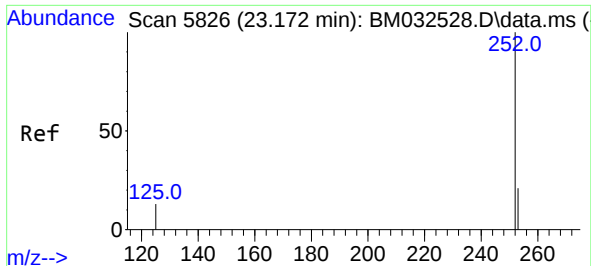
Tgt Ion:252 Resp: 14413
Ion Ratio Lower Upper
252 100
253 29.4 0.0 53.8
125 20.2 0.0 35.6



#25
Benzo(k)fluoranthene
Concen: 0.38 ng/ul
RT: 22.670 min Scan# 5619
Delta R.T. -0.014 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Tgt Ion:252 Resp: 14864
Ion Ratio Lower Upper
252 100
253 29.9 21.8 32.6
125 21.3 14.4 21.6

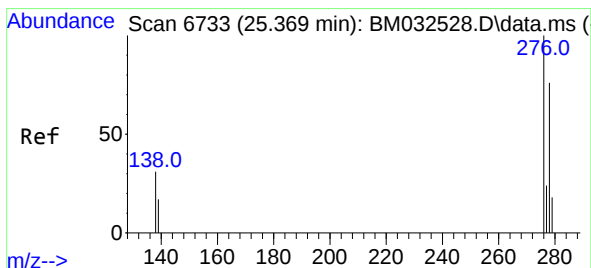
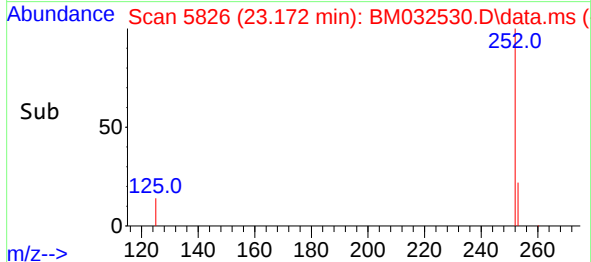
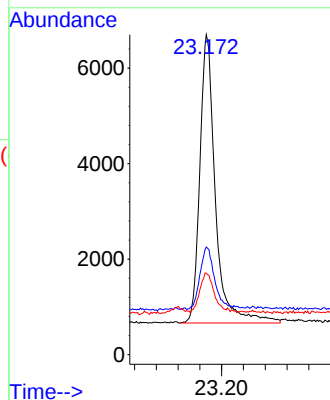
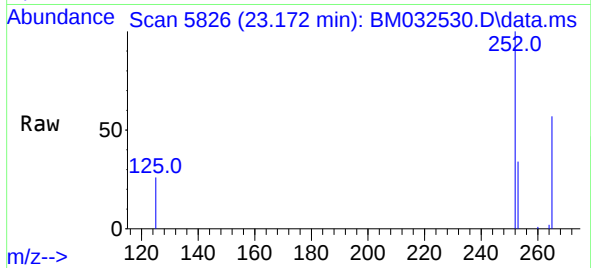




#26
Benzo(a)pyrene
Concen: 0.36 ng/u1
RT: 23.172 min Scan# 5826
Delta R.T. -0.012 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

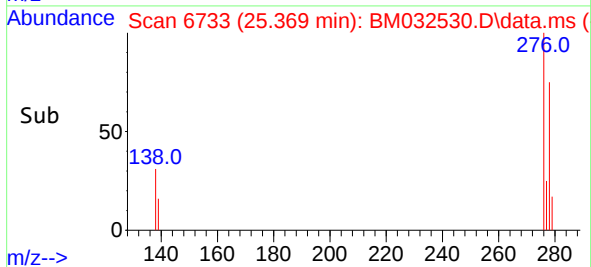
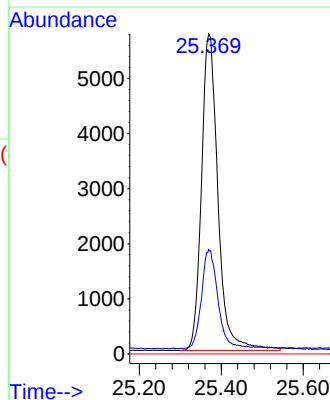
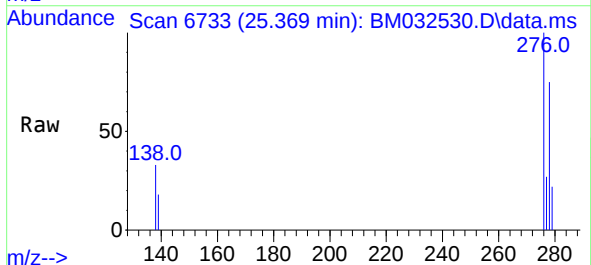
Instrument :
BNA_M
ClientSampleId :
SLCS669

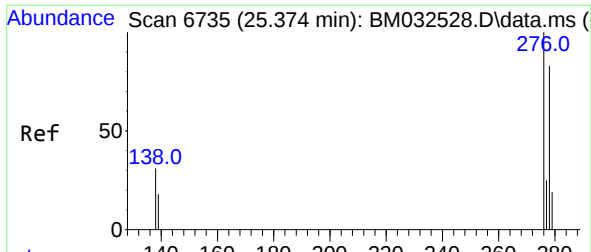
Tgt Ion:	252	Resp:	11982
Ion Ratio	Lower	Upper	
252	100		
253	33.7	23.6	35.4
125	25.5	17.1	25.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng/u1
RT: 25.369 min Scan# 6733
Delta R.T. -0.017 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Tgt Ion:	276	Resp:	16065
Ion Ratio	Lower	Upper	
276	100		
138	30.9	24.9	37.3
227	0.0	0.0	0.0

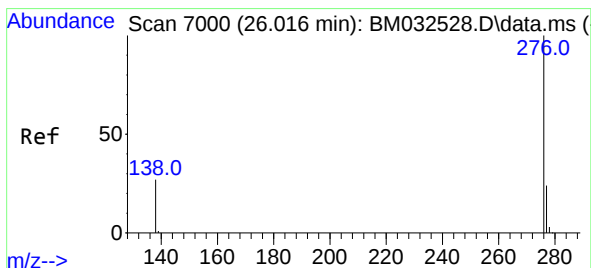
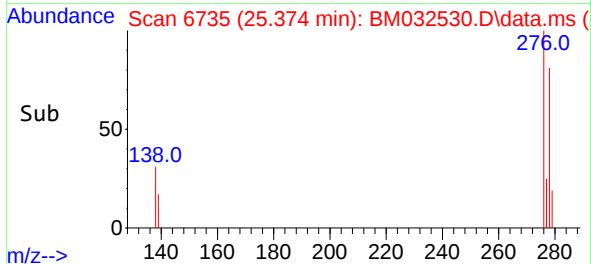
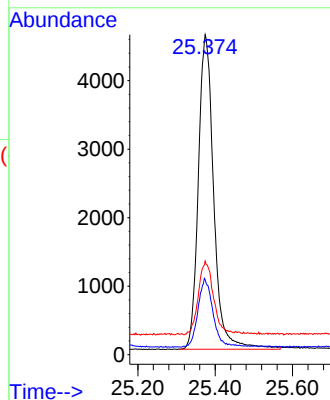
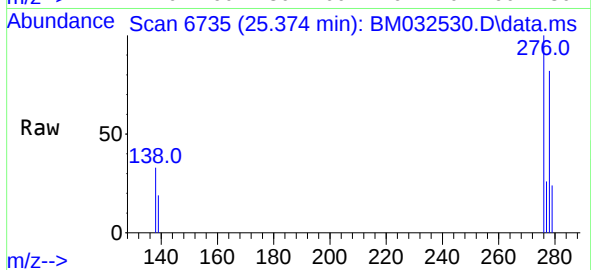




#28
Dibenzo(a,h)anthracene
Concen: 0.40 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.019 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Instrument :
BNA_M
ClientSampleId :
SLCS669

Tgt Ion:278 Resp: 12728
Ion Ratio Lower Upper
278 100
139 23.5 18.6 28.0
279 29.2 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.41 ng/ul
RT: 26.014 min Scan# 6999
Delta R.T. -0.017 min
Lab File: BM032530.D
Acq: 15 Oct 2021 17:47

Tgt Ion:276 Resp: 14699
Ion Ratio Lower Upper
276 100
138 28.0 22.6 33.8
277 25.0 19.9 29.9

