

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
 Data File : BM048947.D
 Acq On : 11 Dec 2024 05:58
 Operator : RC/JU
 Sample : PB165511BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS511

Quant Time: Dec 11 06:24:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:52:26 2024
 Response via : Initial Calibration

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

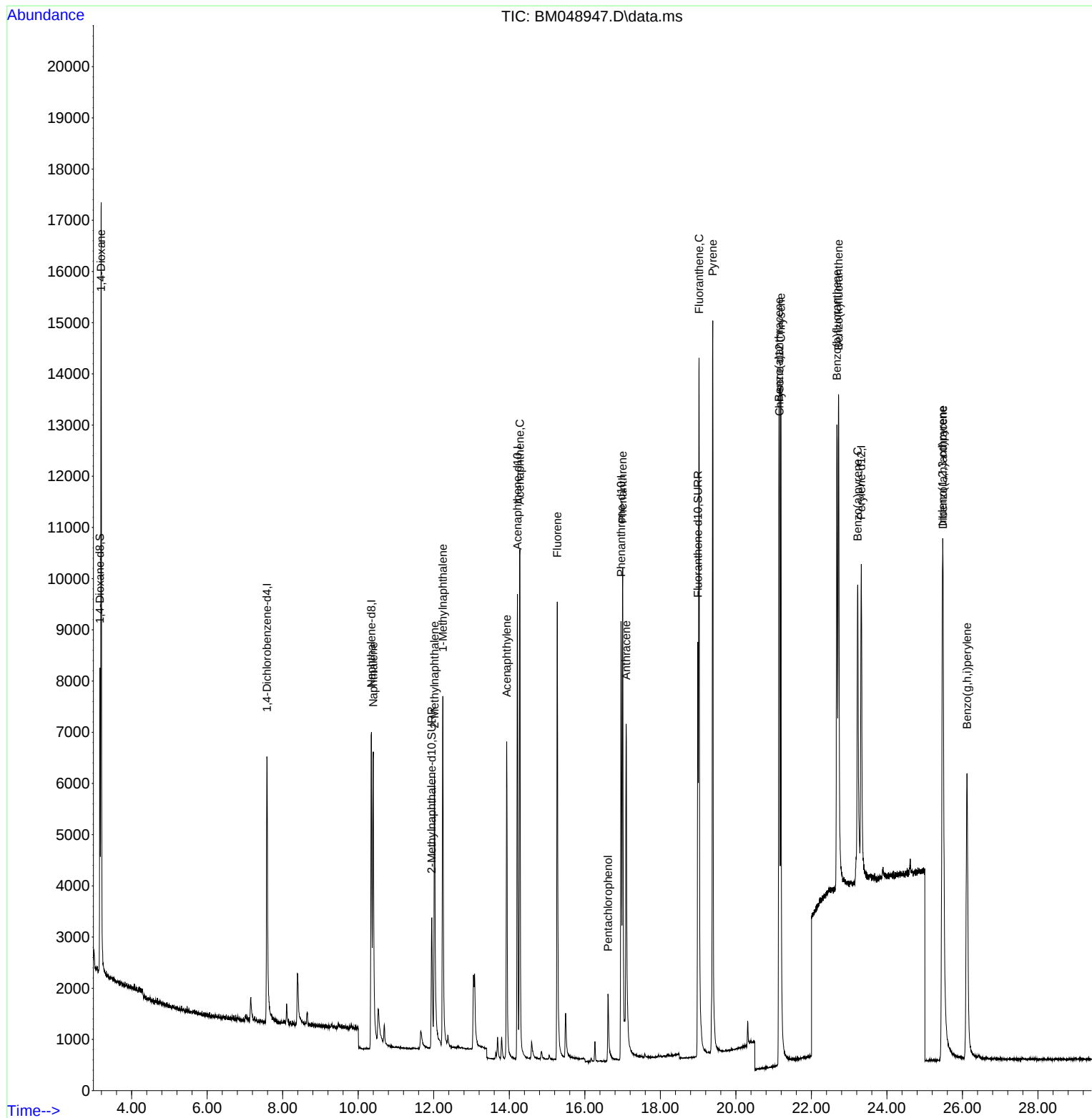
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	3826	0.400	ng/ul	0.00
4) Naphthalene-d8	10.348	136	10386	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.215	164	5559	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.960	188	11618	0.400	ng/ul	0.00
17) Chrysene-d12	21.154	240	8669	0.400	ng/ul	0.00
23) Perylene-d12	23.320	264	9253	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	3231	0.723	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.943	152	4985	0.376	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	10205	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	9398	1.816	ng/ul#	82
5) Naphthalene	10.397	128	9610	0.361	ng/ul	99
7) 2-Methylnaphthalene	12.020	142	5586	0.344	ng/ul	98
8) 1-Methylnaphthalene	12.240	142	5759	0.348	ng/ul	99
10) Acenaphthylene	13.933	152	8235	0.351	ng/ul	99
11) Acenaphthene	14.280	153	6340	0.357	ng/ul	99
12) Fluorene	15.270	166	7106	0.360	ng/ul	99
14) Pentachlorophenol	16.618	266	1371	0.573	ng/ul	97
15) Phenanthrene	17.002	178	11484	0.361	ng/ul	100
16) Anthracene	17.095	178	9966	0.351	ng/ul	98
19) Fluoranthene	19.025	202	13323	0.371	ng/ul	100
20) Pyrene	19.388	202	13753	0.355	ng/ul	99
21) Benzo(a)anthracene	21.140	228	10176	0.334	ng/ul	99
22) Chrysene	21.189	228	13493	0.391	ng/ul	100
24) Benzo(b)fluoranthene	22.677	252	12021	0.376	ng/ul	99
25) Benzo(k)fluoranthene	22.718	252	14663	0.396	ng/ul	97
26) Benzo(a)pyrene	23.226	252	10711	0.362	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.470	276	15628	0.376	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.487	278	11857	0.367	ng/ul	97
29) Benzo(g,h,i)perylene	26.121	276	12813	0.383	ng/ul	99

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

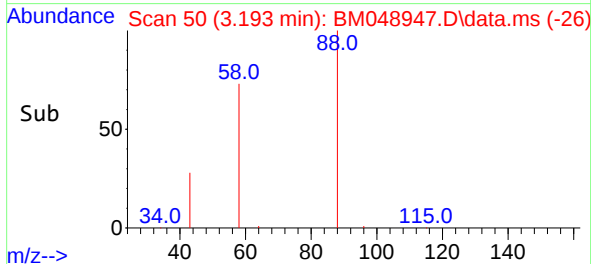
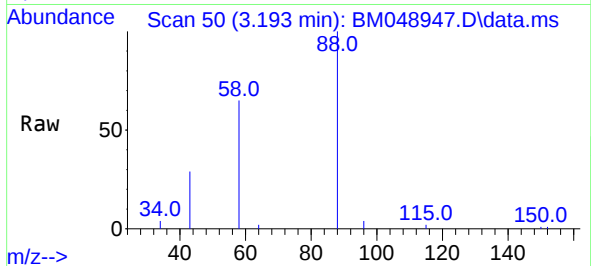
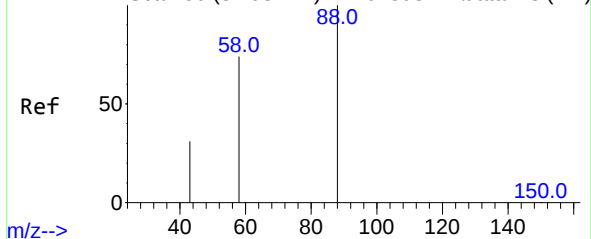
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048947.D
Acq On : 11 Dec 2024 05:58
Operator : RC/JU
Sample : PB165511BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS511

Quant Time: Dec 11 06:24:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
Response via : Initial Calibration



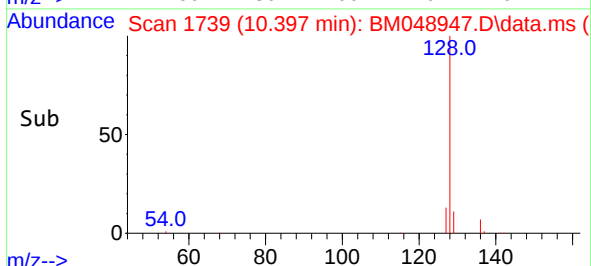
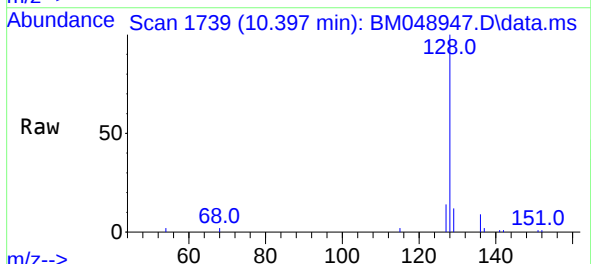
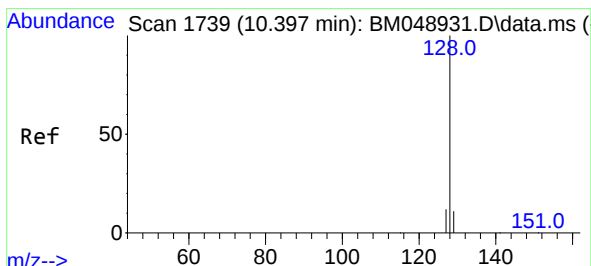
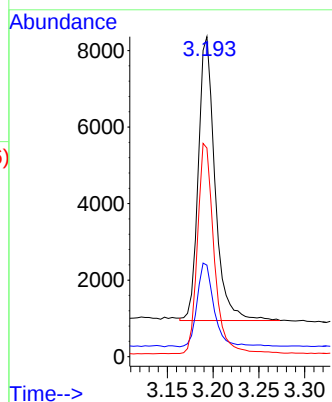
Abundance Scan 50 (3.193 min): BM048931.D\data.ms (-42)



#2
1,4-Dioxane
Concen: 1.816 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.000 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

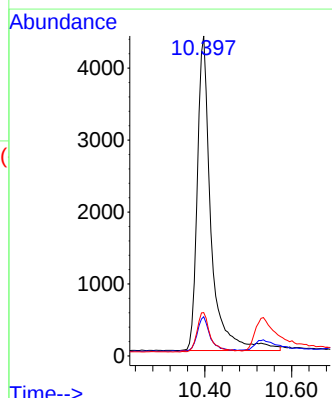
Instrument :
BNA_M
ClientSampleId :
SLCS511

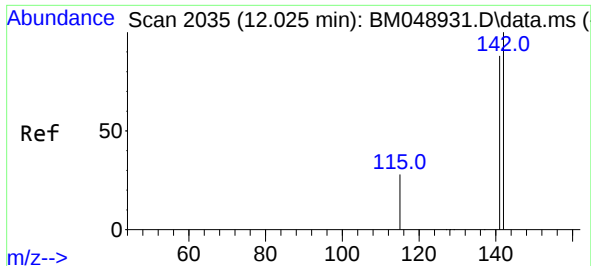
Tgt Ion: 88	Resp: 9398
Ion Ratio	Lower Upper
88	100
43	28.6 32.3 48.5#
58	65.2 42.0 63.0#



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.397 min Scan# 1739
Delta R.T. -0.004 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

Tgt Ion: 128	Resp: 9610
Ion Ratio	Lower Upper
128	100
129	12.3 9.4 14.2
127	13.6 10.6 16.0

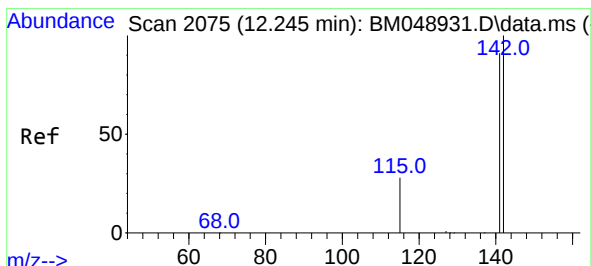
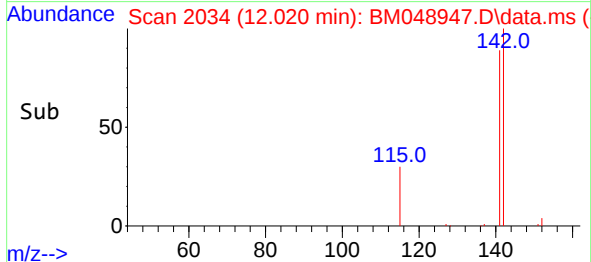
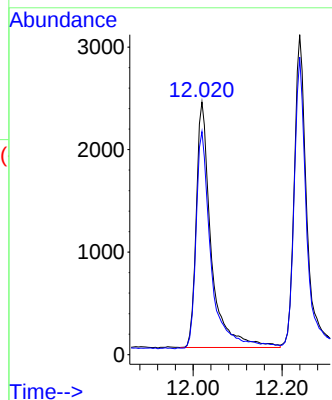
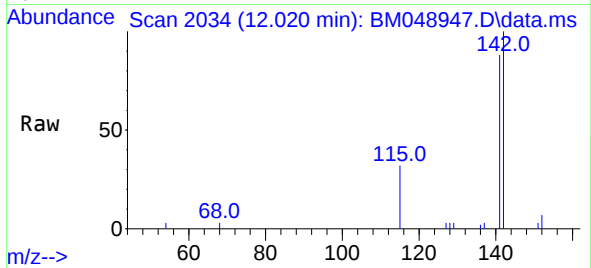




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.020 min Scan# 2034
Delta R.T. -0.004 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

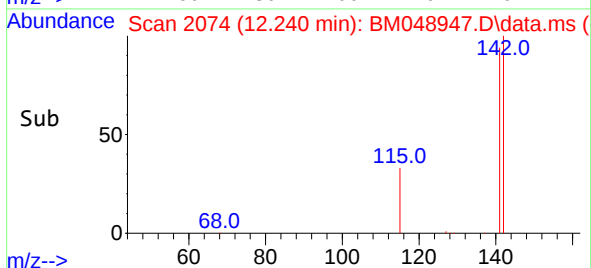
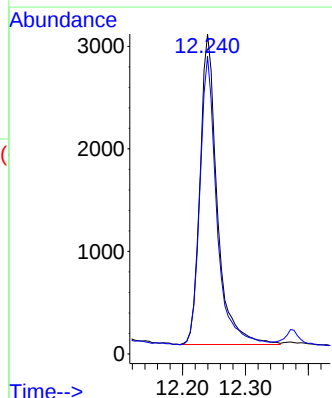
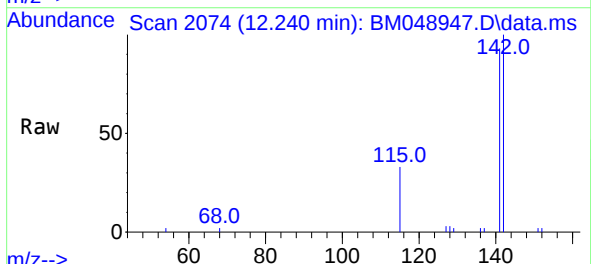
Instrument :
BNA_M
ClientSampleId :
SLCS511

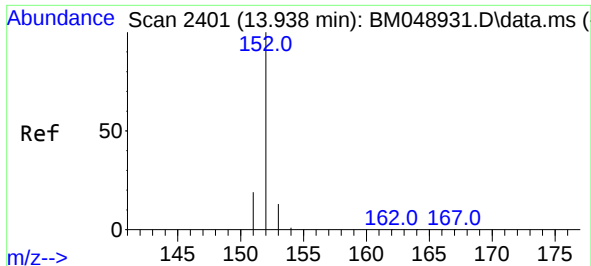
Tgt Ion:142 Resp: 5586
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.240 min Scan# 2074
Delta R.T. -0.004 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

Tgt Ion:142 Resp: 5759
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2

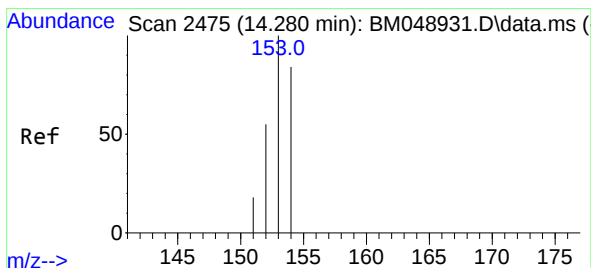
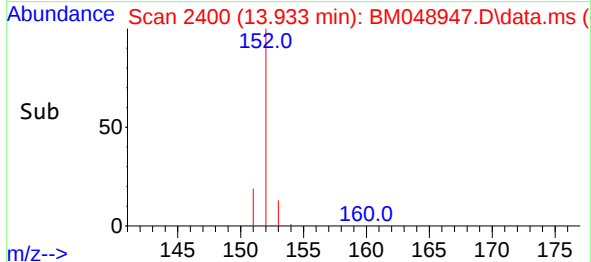
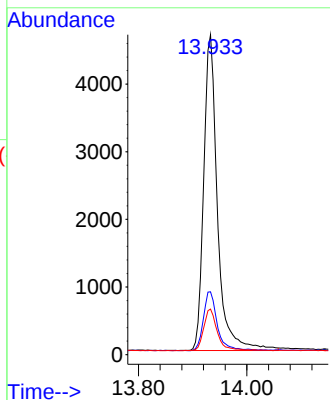
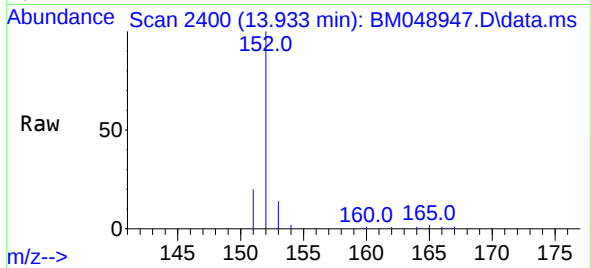




#10
Acenaphthylene
Concen: 0.351 ng/u1
RT: 13.933 min Scan# 2400
Delta R.T. -0.003 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

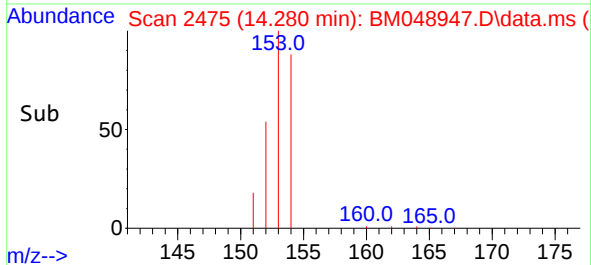
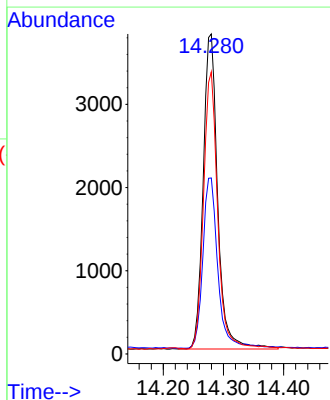
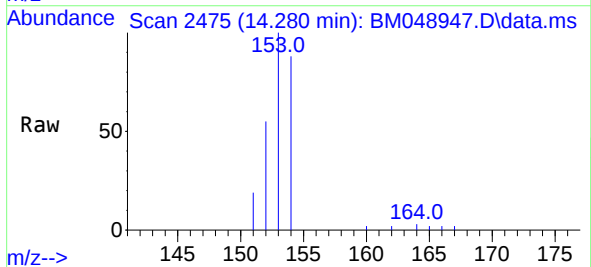
Instrument :
BNA_M
ClientSampleId :
SLCS511

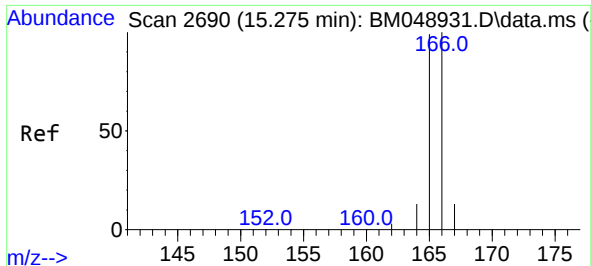
Tgt Ion:	152	Resp:	8235
Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	14.2	11.2	16.8



#11
Acenaphthene
Concen: 0.357 ng/u1
RT: 14.280 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

Tgt Ion:	153	Resp:	6340
Ion	Ratio	Lower	Upper
153	100		
152	55.0	43.5	65.3
154	88.1	69.5	104.3

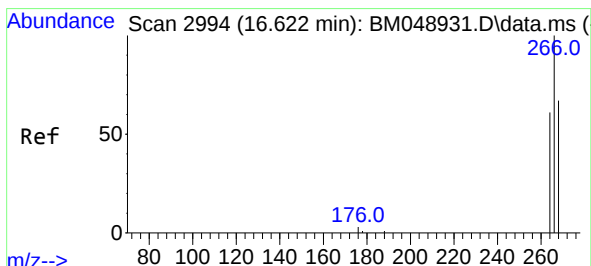
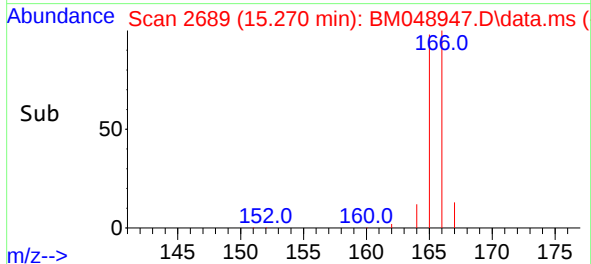
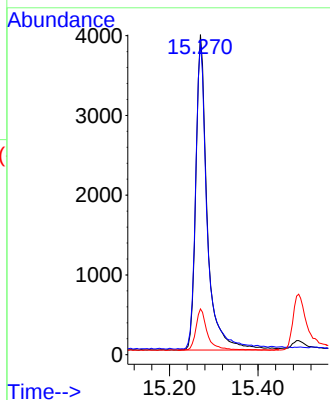
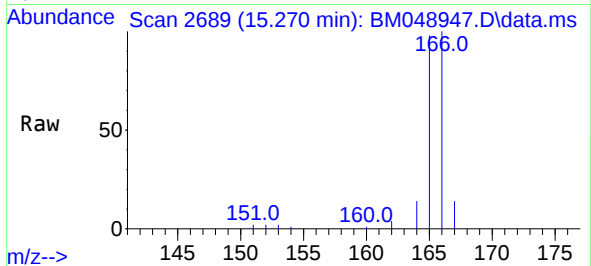




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.270 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

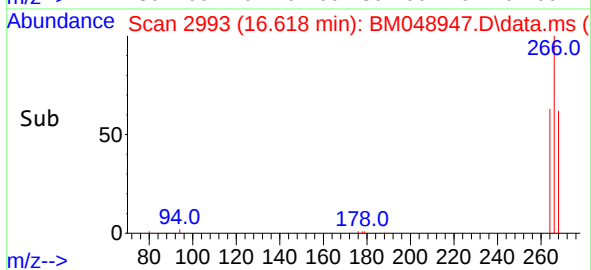
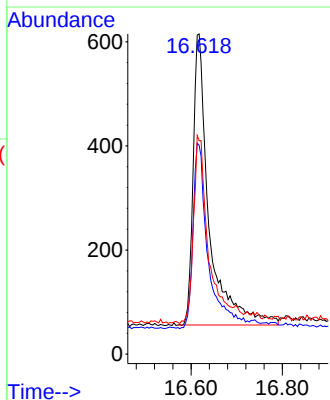
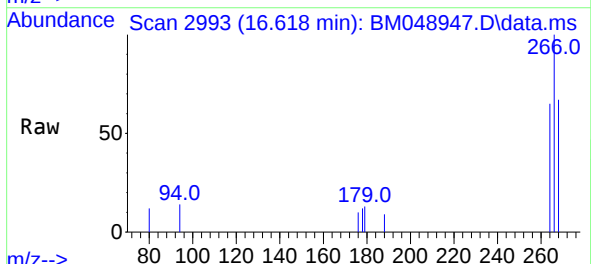
Instrument :
BNA_M
ClientSampleId :
SLCS511

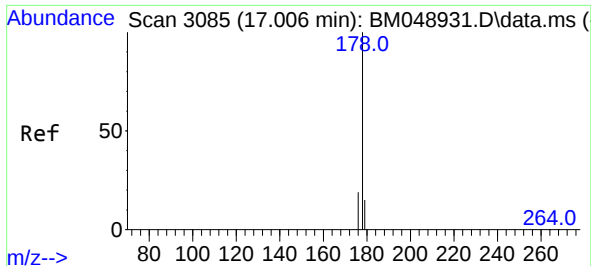
Tgt Ion:166 Resp: 7106
Ion Ratio Lower Upper
166 100
165 98.1 78.1 117.1
167 14.3 11.6 17.4



#14
Pentachlorophenol
Concen: 0.573 ng/ul
RT: 16.618 min Scan# 2993
Delta R.T. -0.007 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

Tgt Ion:266 Resp: 1371
Ion Ratio Lower Upper
266 100
264 60.7 47.9 71.9
268 64.6 55.0 82.6

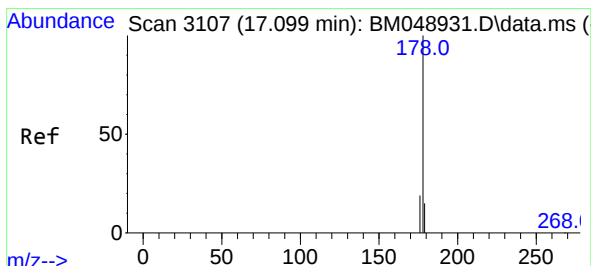
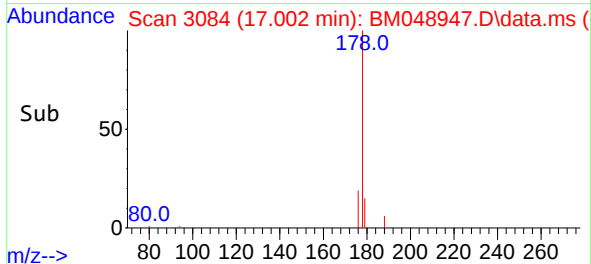
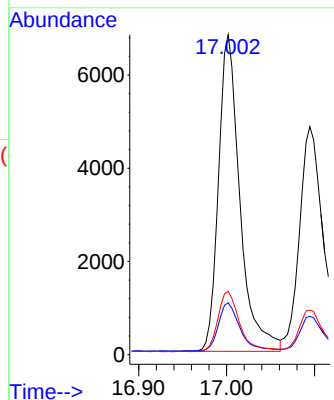
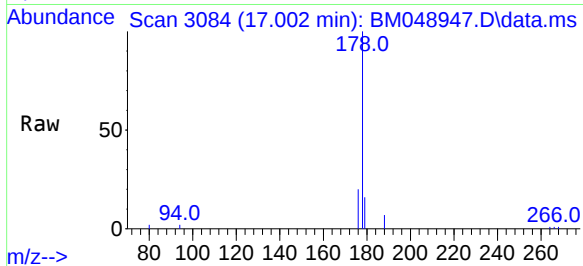




#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.002 min Scan# 3084
Delta R.T. -0.007 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

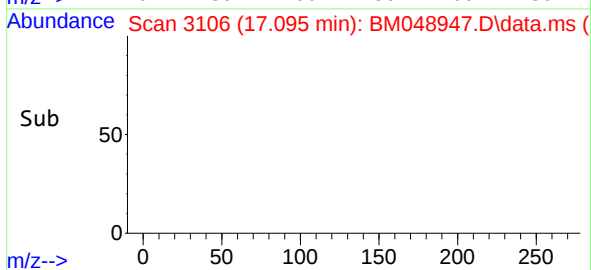
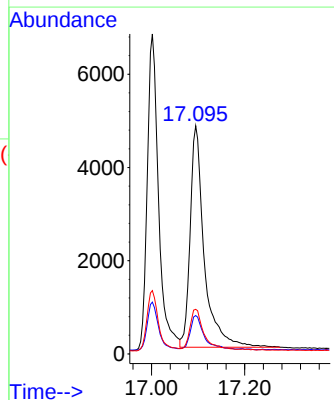
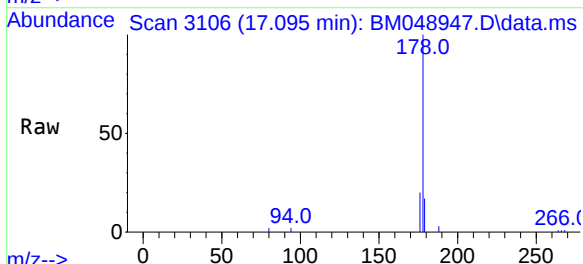
Instrument :
BNA_M
ClientSampleId :
SLCS511

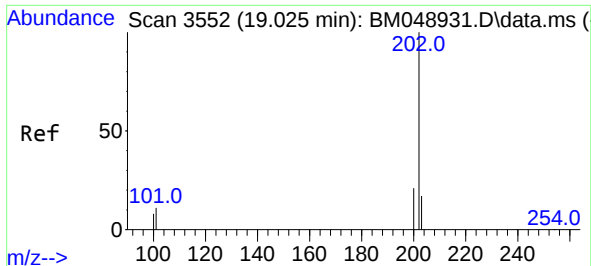
Tgt Ion:	178	Resp:	11484
Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.6
176	19.8	15.8	23.8



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.095 min Scan# 3106
Delta R.T. -0.007 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

Tgt Ion:	178	Resp:	9966
Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.0	19.4
176	19.6	15.0	22.6

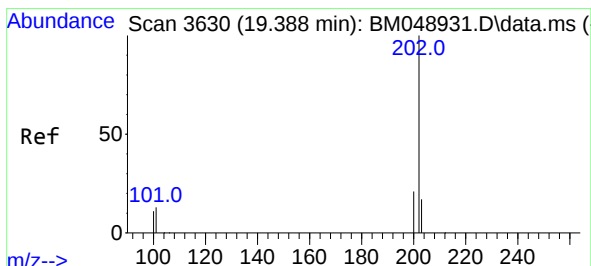
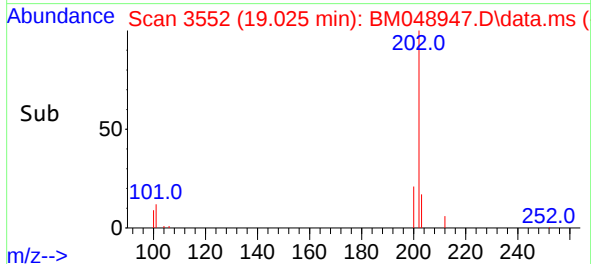
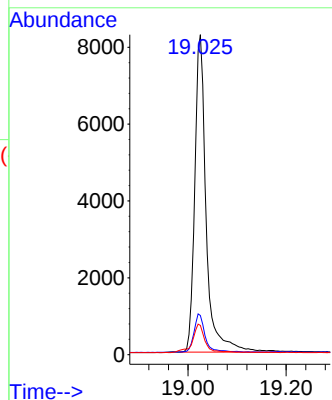
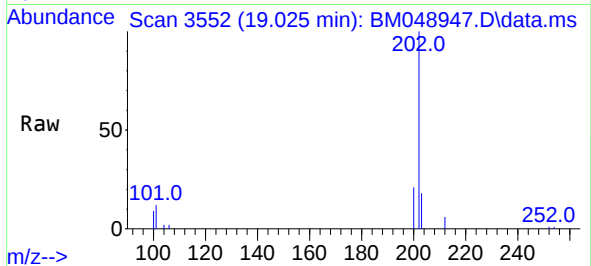




#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.025 min Scan# 3552
Delta R.T. -0.008 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

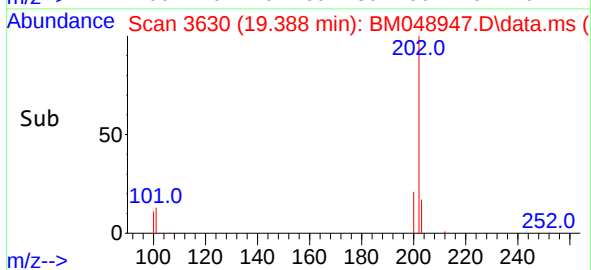
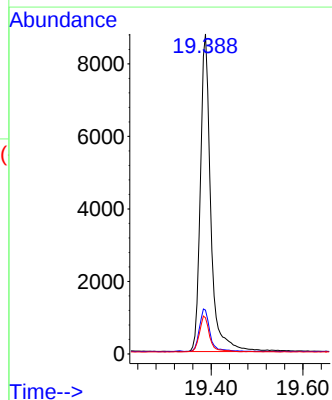
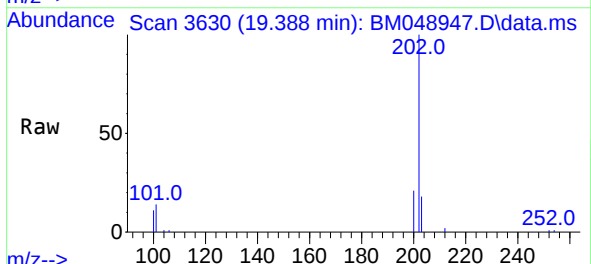
Instrument :
BNA_M
ClientSampleId :
SLCS511

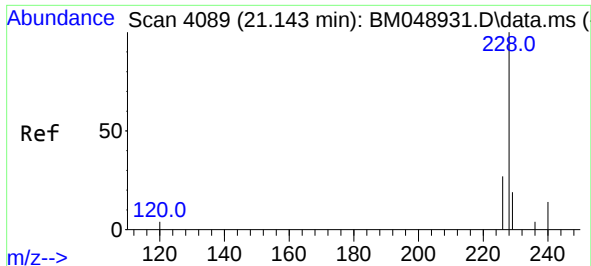
Tgt Ion:202 Resp: 13323
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.388 min Scan# 3630
Delta R.T. -0.008 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

Tgt Ion:202 Resp: 13753
Ion Ratio Lower Upper
202 100
101 13.7 10.6 16.0
100 11.3 8.4 12.6

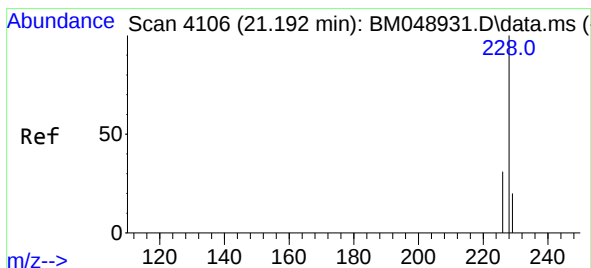
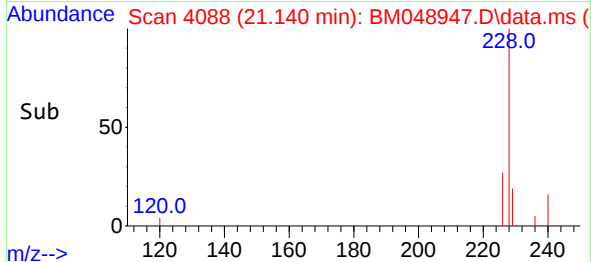
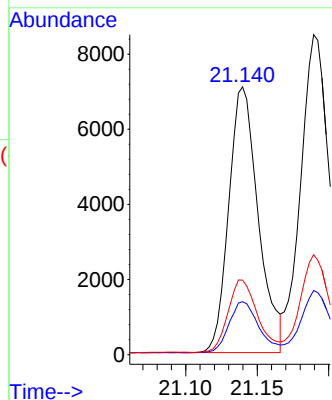
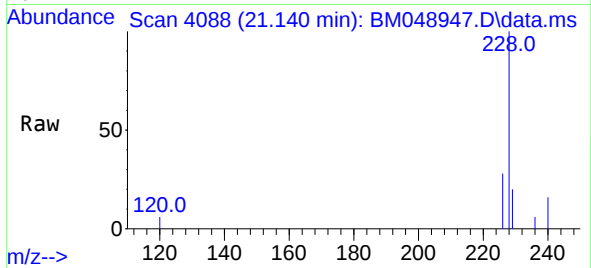




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.140 min Scan# 4089
Delta R.T. -0.009 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

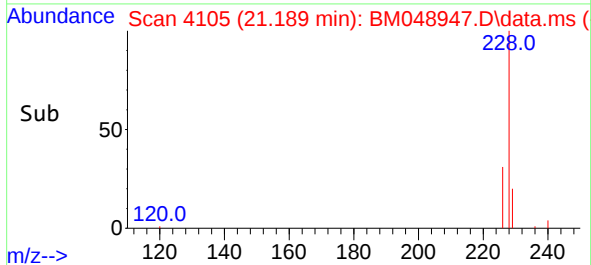
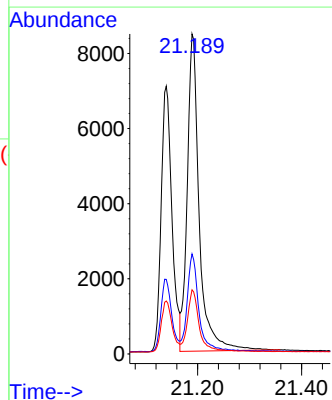
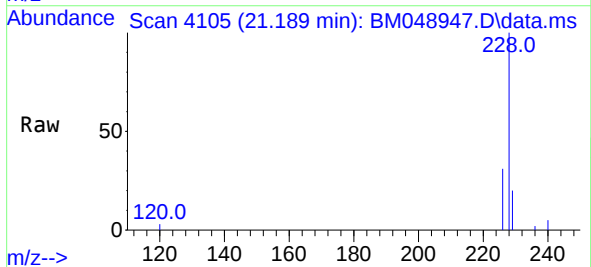
Instrument :
BNA_M
ClientSampleId :
SLCS511

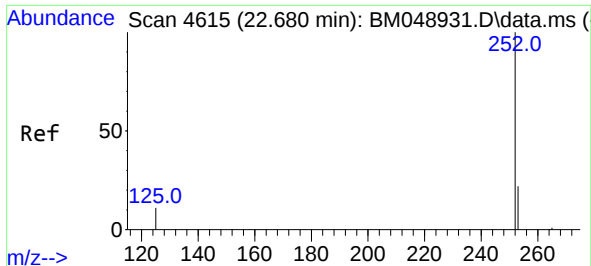
Tgt Ion:228 Resp: 10176
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.9 23.0 34.4



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.189 min Scan# 4105
Delta R.T. -0.009 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

Tgt Ion:228 Resp: 13493
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 20.0 16.0 24.0

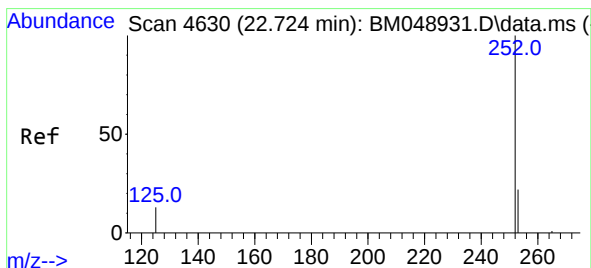
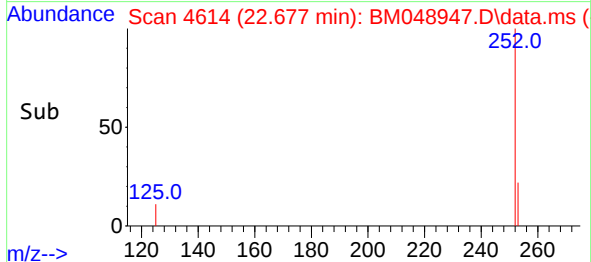
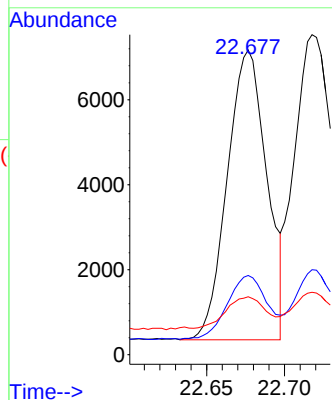
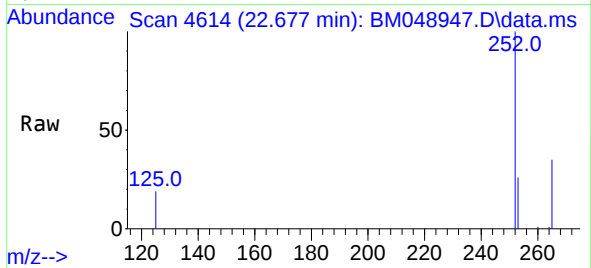




#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 22.677 min Scan# 4615
Delta R.T. -0.012 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

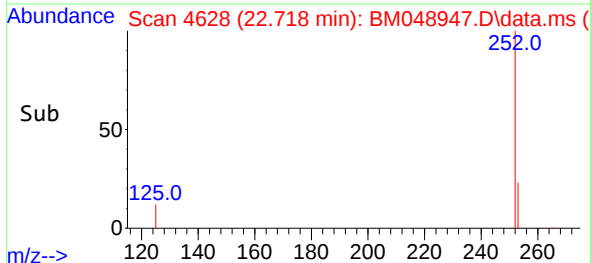
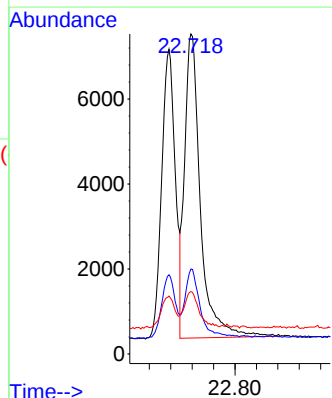
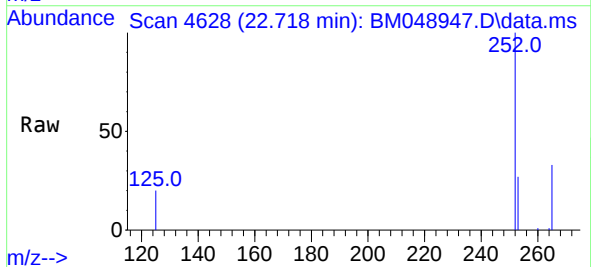
Instrument :
BNA_M
ClientSampleId :
SLCS511

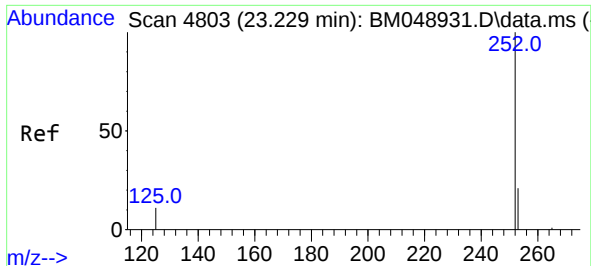
Tgt Ion:252	Resp:	12021
Ion	Ratio	Lower Upper
252	100	
253	26.0	0.0 51.0
125	19.0	0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 22.718 min Scan# 4628
Delta R.T. -0.015 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

Tgt Ion:252	Resp:	14663
Ion	Ratio	Lower Upper
252	100	
253	26.6	20.5 30.7
125	19.5	17.3 25.9

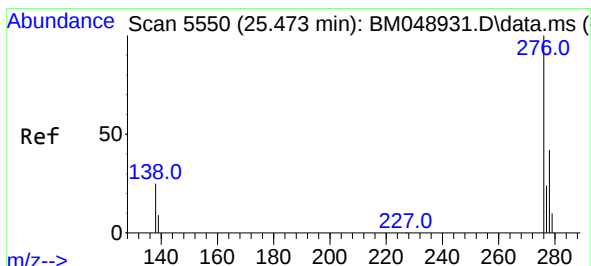
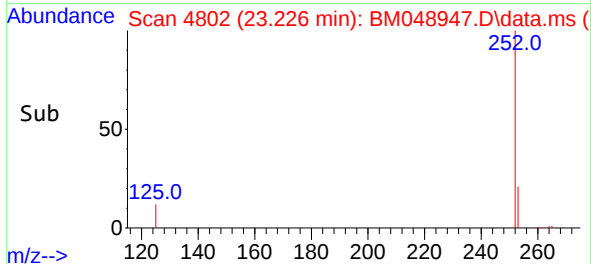
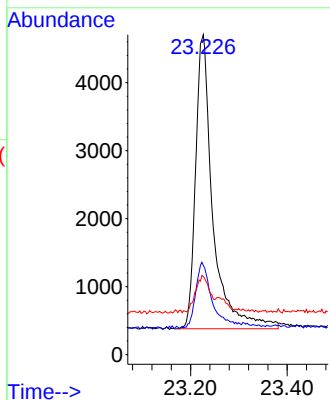
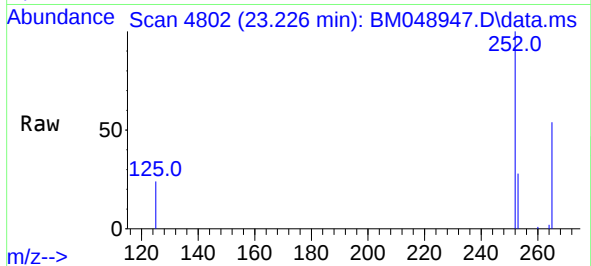




#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.226 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

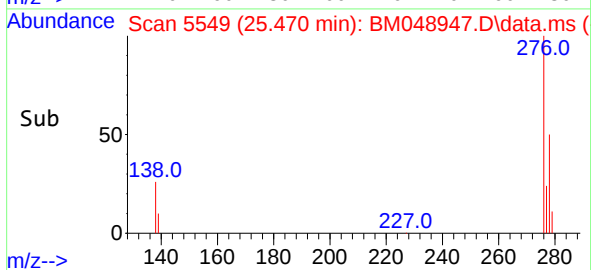
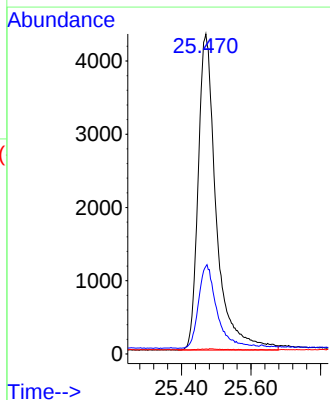
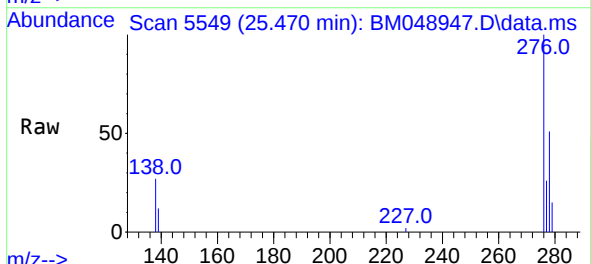
Instrument :
BNA_M
ClientSampleId :
SLCS511

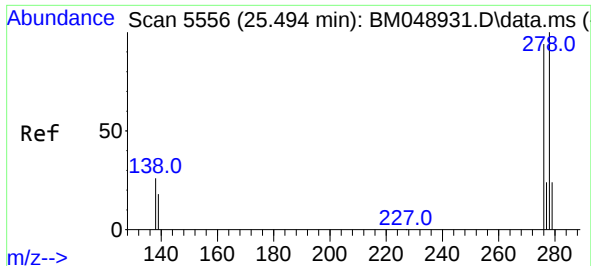
Tgt Ion:252	Resp:	10711
Ion Ratio	Lower	Upper
252	100	
253	27.9	21.8 32.8
125	24.5	18.6 27.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 25.470 min Scan# 5549
Delta R.T. -0.021 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

Tgt Ion:276	Resp:	15628
Ion Ratio	Lower	Upper
276	100	
138	27.2	22.1 33.1
227	0.1	0.2 0.2#

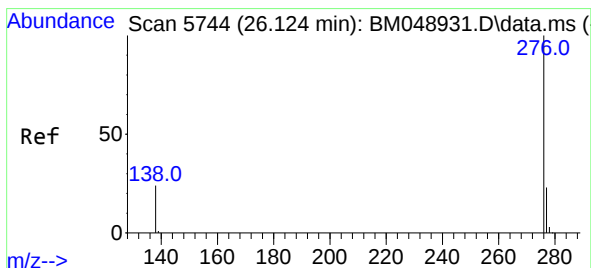
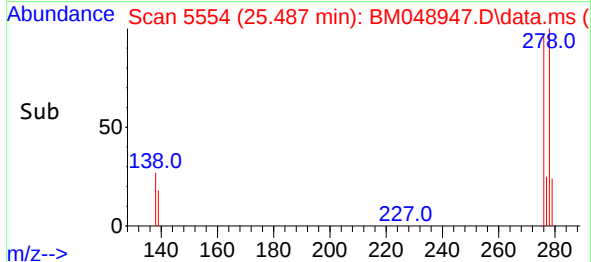
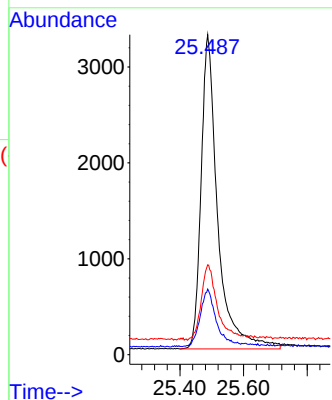
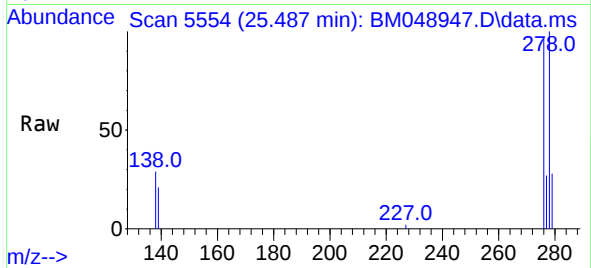




#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 25.487 min Scan# 51
Delta R.T. -0.021 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

Instrument :
BNA_M
ClientSampleId :
SLCS511

Tgt Ion:278 Resp: 11857
Ion Ratio Lower Upper
278 100
139 20.5 17.4 26.0
279 28.1 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 26.121 min Scan# 5743
Delta R.T. -0.024 min
Lab File: BM048947.D
Acq: 11 Dec 2024 05:58

Tgt Ion:276 Resp: 12813
Ion Ratio Lower Upper
276 100
138 24.8 19.8 29.6
277 25.6 19.6 29.4

