

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
 Data File : BM048924.D
 Acq On : 10 Dec 2024 15:33
 Operator : RC/JU
 Sample : PB165460BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS460

Quant Time: Dec 10 16:15:49 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)

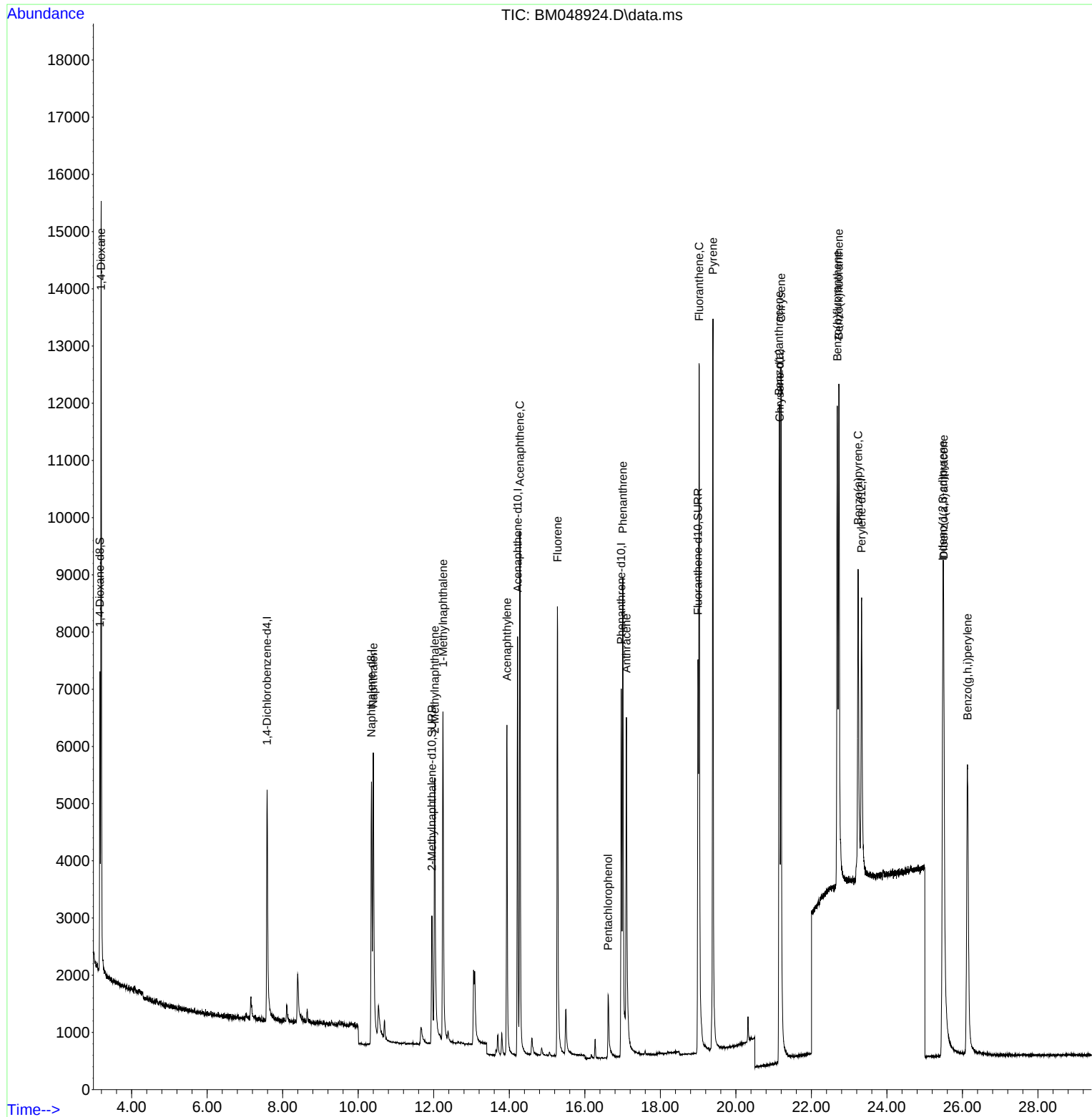
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.585	152	2987	0.400	ng/ul	0.00
4) Naphthalene-d8	10.348	136	8049	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.220	164	4408	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	9107	0.400	ng/ul	0.00
17) Chrysene-d12	21.160	240	7103	0.400	ng/ul	0.00
23) Perylene-d12	23.329	264	7347	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	2906	0.832	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.948	152	4460	0.435	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	9355	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	8359	2.069	ng/ul#	81
5) Naphthalene	10.397	128	8547	0.414	ng/ul	99
7) 2-Methylnaphthalene	12.025	142	5089	0.404	ng/ul	98
8) 1-Methylnaphthalene	12.245	142	5283	0.412	ng/ul	98
10) Acenaphthylene	13.938	152	7539	0.405	ng/ul	99
11) Acenaphthene	14.280	153	5796	0.411	ng/ul	99
12) Fluorene	15.275	166	6515	0.416	ng/ul	100
14) Pentachlorophenol	16.618	266	1239	0.661	ng/ul	96
15) Phenanthrene	17.006	178	10339	0.414	ng/ul	99
16) Anthracene	17.099	178	8926	0.401	ng/ul	97
19) Fluoranthene	19.030	202	12111	0.411	ng/ul	100
20) Pyrene	19.392	202	12672	0.399	ng/ul	98
21) Benzo(a)anthracene	21.146	228	9641	0.386	ng/ul	99
22) Chrysene	21.195	228	12851	0.454	ng/ul	99
24) Benzo(b)fluoranthene	22.685	252	10914	0.430	ng/ul	99
25) Benzo(k)fluoranthene	22.726	252	13367	0.455	ng/ul	98
26) Benzo(a)pyrene	23.235	252	9688	0.413	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.480	276	13931	0.422	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.504	278	10606	0.413	ng/ul	96
29) Benzo(g,h,i)perylene	26.134	276	11710	0.441	ng/ul	98

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

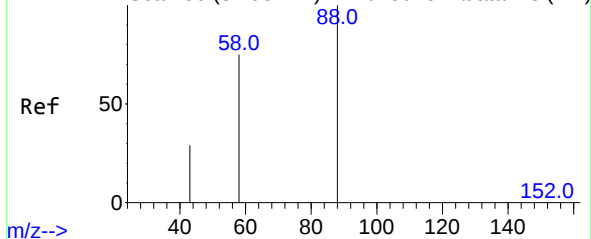
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048924.D
Acq On : 10 Dec 2024 15:33
Operator : RC/JU
Sample : PB165460BS
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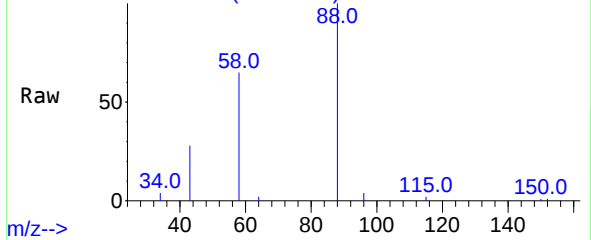
Quant Time: Dec 10 16:15:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:52:26 2024
Response via : Initial Calibration



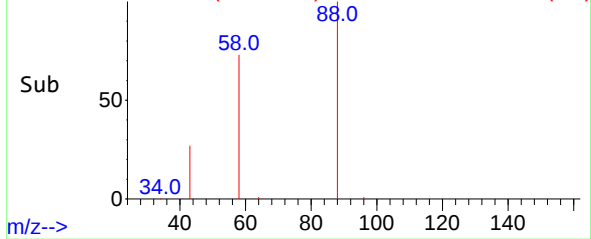
Abundance Scan 50 (3.193 min): BM048915.D\data.ms (-44)



m/z--> Scan 50 (3.193 min): BM048924.D\data.ms



m/z--> Scan 50 (3.193 min): BM048924.D\data.ms (-26)



m/z-->

#2

1,4-Dioxane

Concen: 2.069 ng/ul

RT: 3.193 min Scan# 50

Delta R.T. -0.000 min

Lab File: BM048924.D

Acq: 10 Dec 2024 15:33

Instrument :

BNA_M

ClientSampleId :

SLCS460

Tgt Ion: 88 Resp: 8359

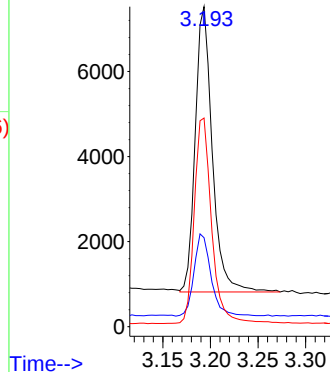
Ion Ratio Lower Upper

88 100

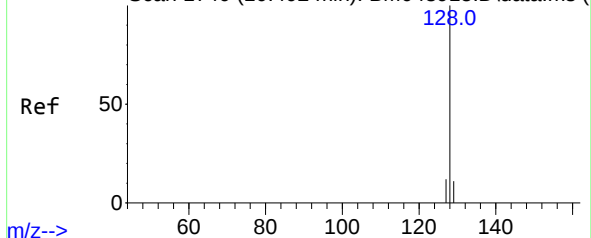
43 27.8 32.3 48.5#

58 65.2 42.0 63.0#

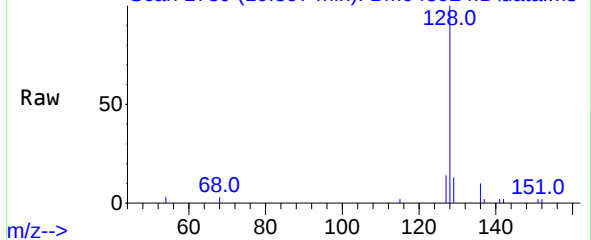
Abundance



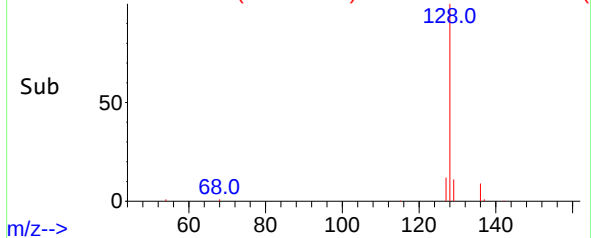
Abundance Scan 1740 (10.402 min): BM048915.D\data.ms (-)



m/z--> Scan 1739 (10.397 min): BM048924.D\data.ms



m/z--> Scan 1739 (10.397 min): BM048924.D\data.ms (-)



m/z-->

#5

Naphthalene

Concen: 0.414 ng/ul

RT: 10.397 min Scan# 1739

Delta R.T. -0.004 min

Lab File: BM048924.D

Acq: 10 Dec 2024 15:33

Tgt Ion:128 Resp: 8547

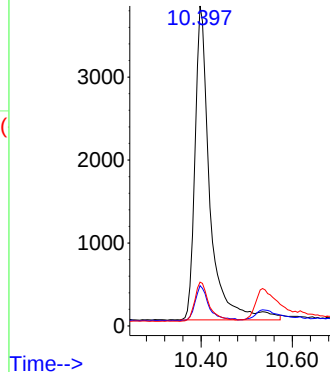
Ion Ratio Lower Upper

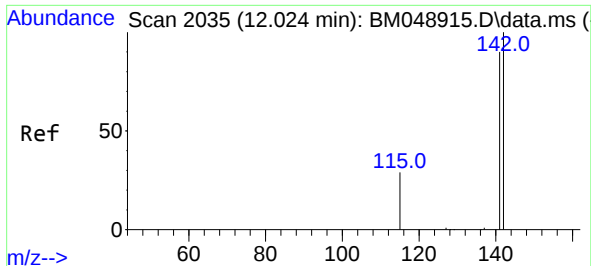
128 100

129 12.6 9.4 14.2

127 13.7 10.6 16.0

Abundance

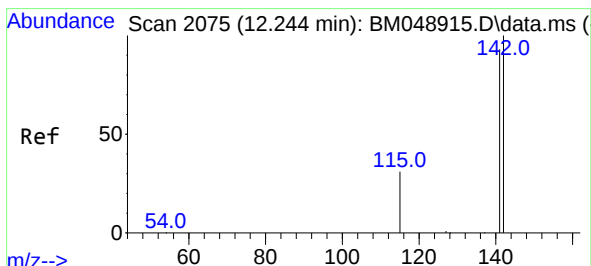
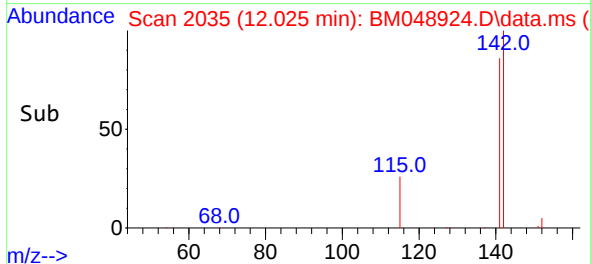
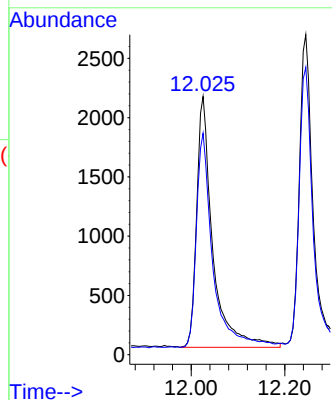
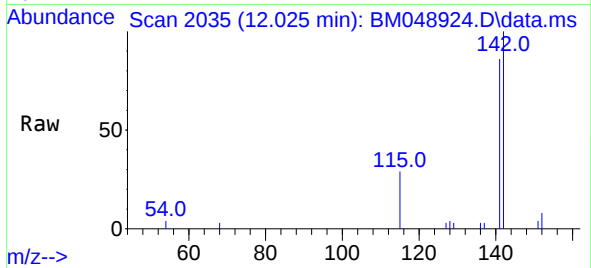




#7
2-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.025 min Scan# 2035
Delta R.T. 0.001 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

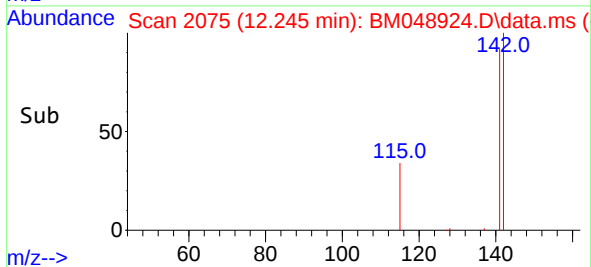
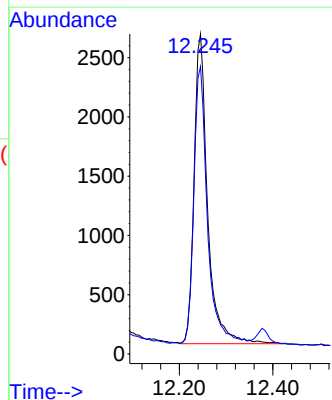
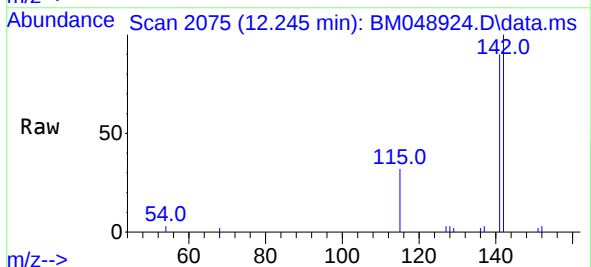
Instrument :
BNA_M
ClientSampleId :
SLCS460

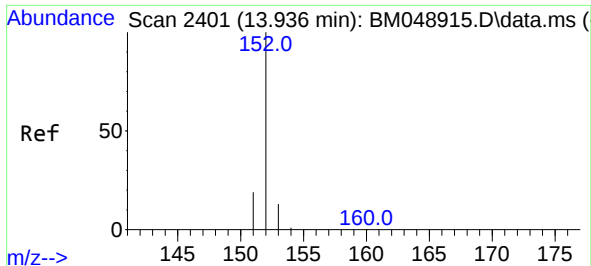
Tgt Ion:142 Resp: 5089
Ion Ratio Lower Upper
142 100
141 87.4 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.245 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

Tgt Ion:142 Resp: 5283
Ion Ratio Lower Upper
142 100
141 89.0 72.8 109.2

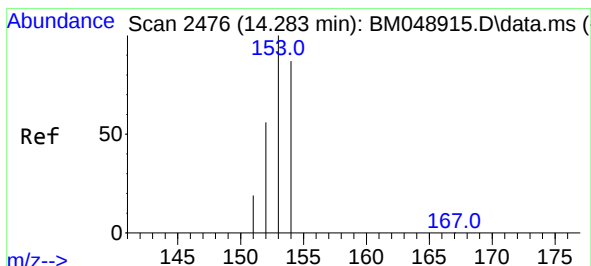
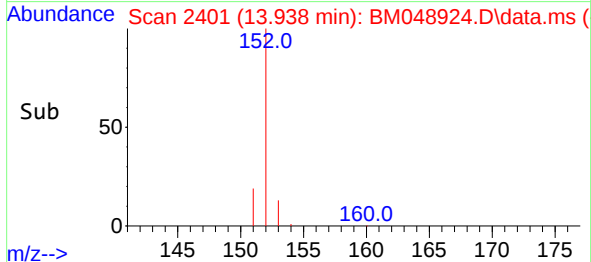
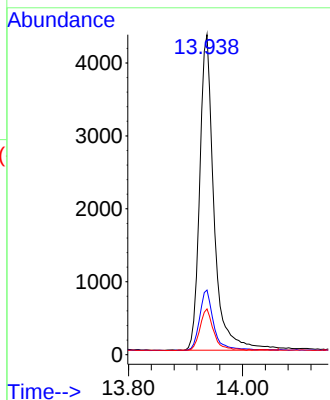
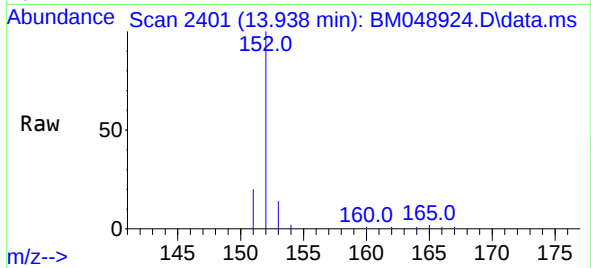




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 13.938 min Scan# 2401
Delta R.T. 0.001 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

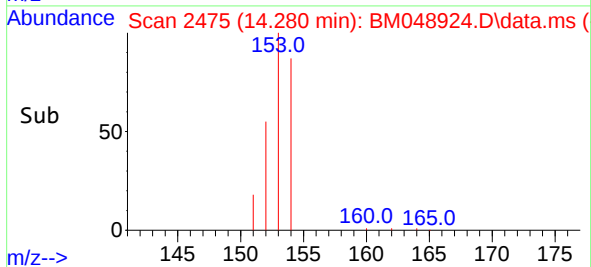
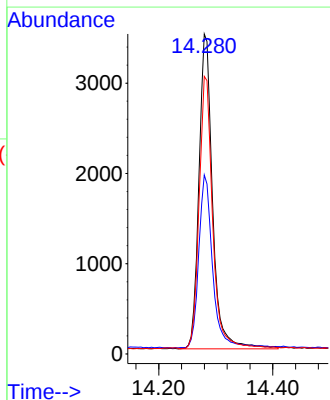
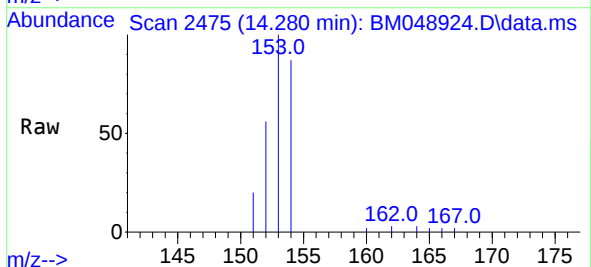
Instrument :
BNA_M
ClientSampleId :
SLCS460

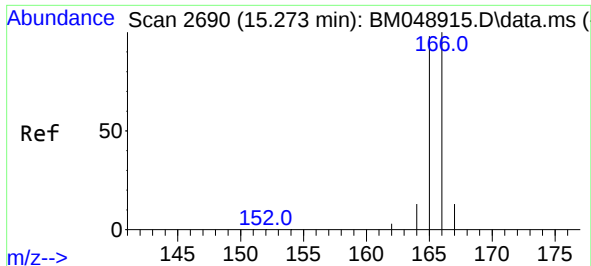
Tgt Ion:	152	Resp:	7539
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	14.3	11.2	16.8



#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.280 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

Tgt Ion:	153	Resp:	5796
Ion	Ratio	Lower	Upper
153	100		
152	56.0	43.5	65.3
154	86.7	69.5	104.3

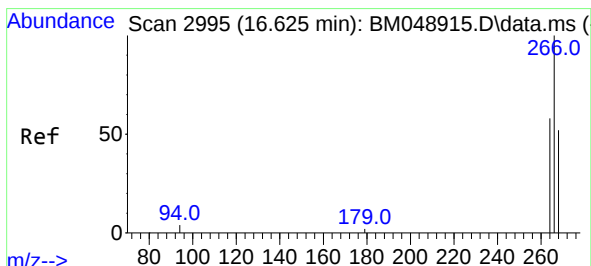
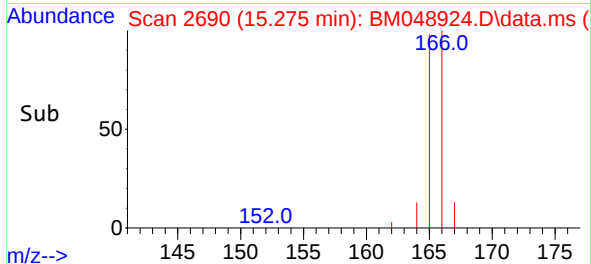
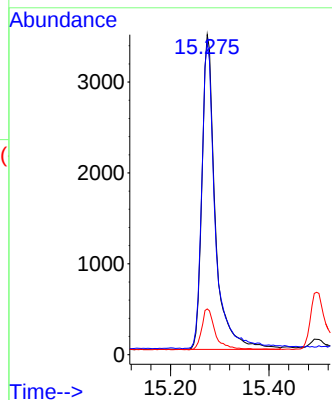
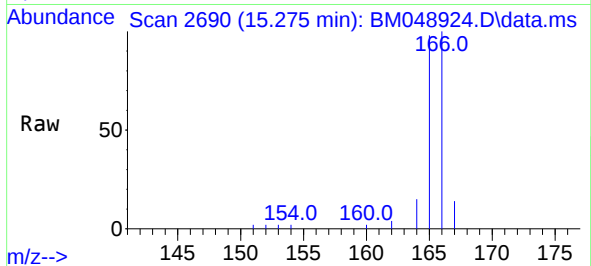




#12
Fluorene
Concen: 0.416 ng/ul
RT: 15.275 min Scan# 20
Delta R.T. -0.003 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

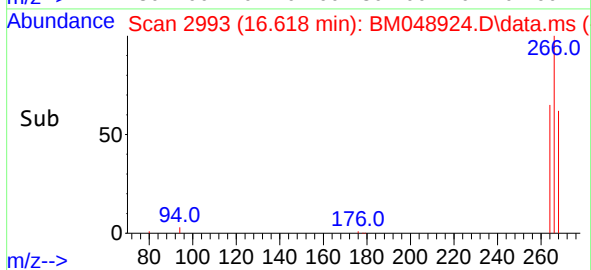
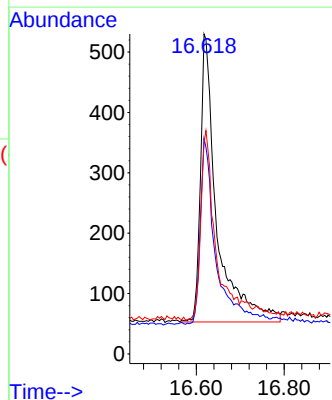
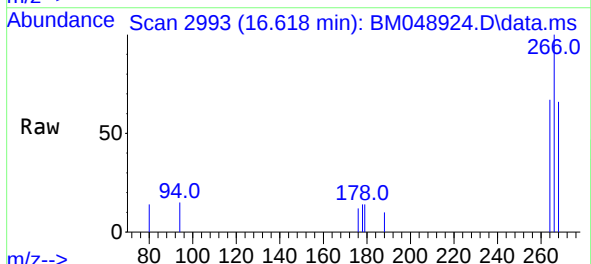
Instrument :
BNA_M
ClientSampleId :
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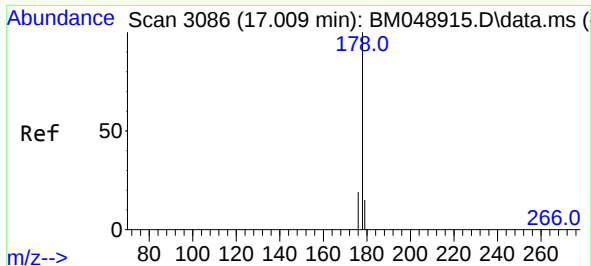
Tgt Ion:166 Resp: 6515
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 14.3 11.6 17.4



#14
Pentachlorophenol
Concen: 0.661 ng/ul
RT: 16.618 min Scan# 2993
Delta R.T. -0.007 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

Tgt Ion:266 Resp: 1239
Ion Ratio Lower Upper
266 100
264 62.2 47.9 71.9
268 65.0 55.0 82.6

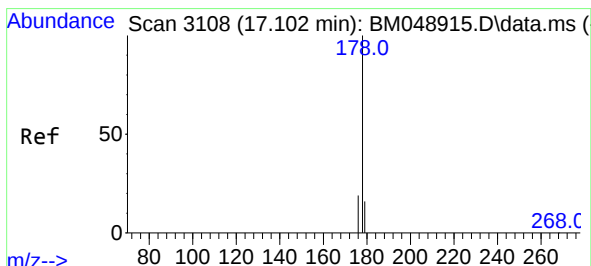
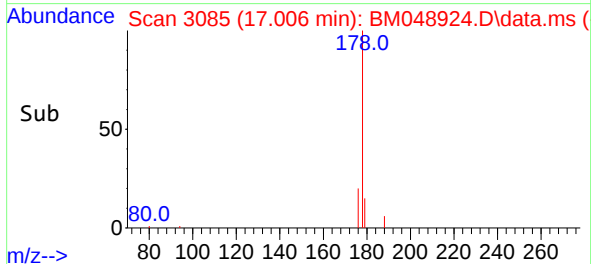
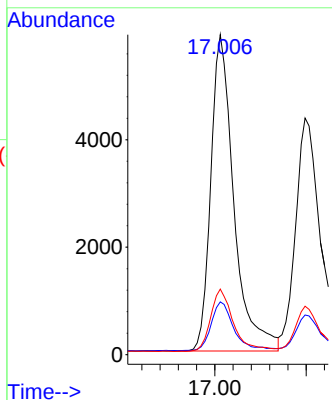
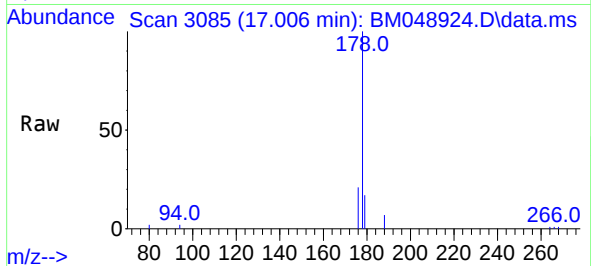




#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 17.006 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

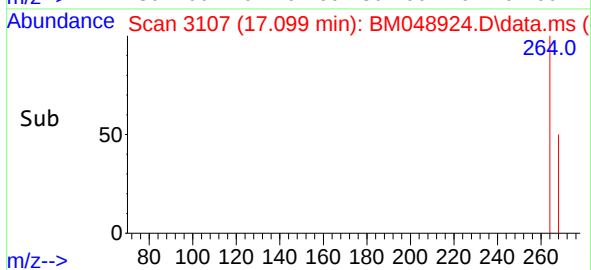
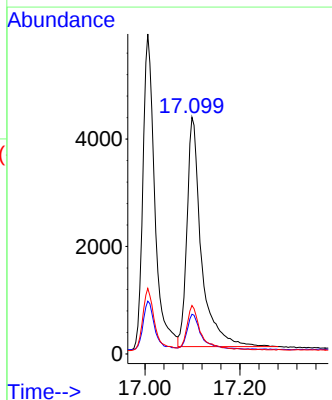
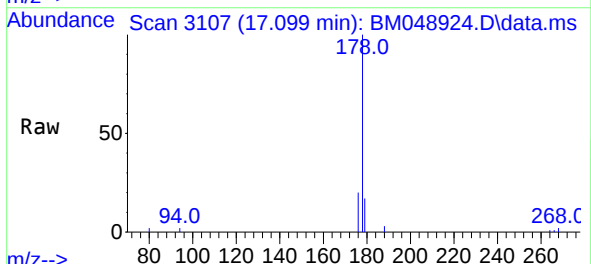
Instrument :
BNA_M
ClientSampleId :
SLCS460

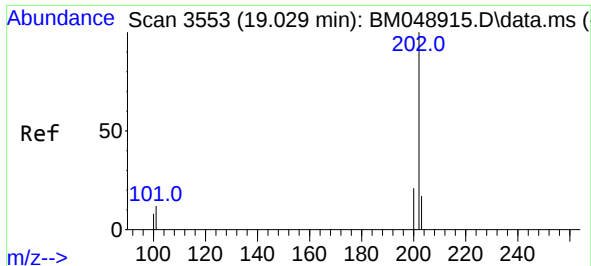
Tgt Ion:	178	Resp:	10339
Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	20.5	15.8	23.8



#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.099 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

Tgt Ion:	178	Resp:	8926
Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.0	19.4
176	20.5	15.0	22.6

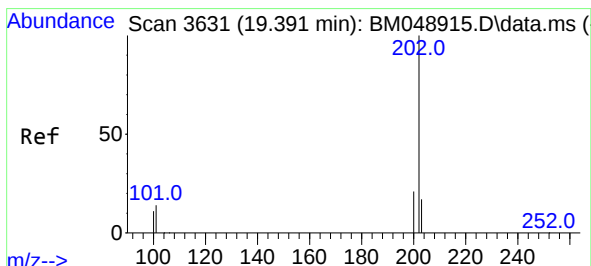
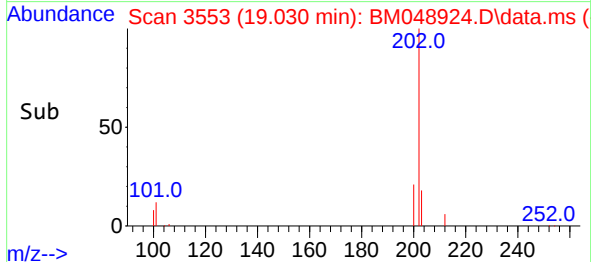
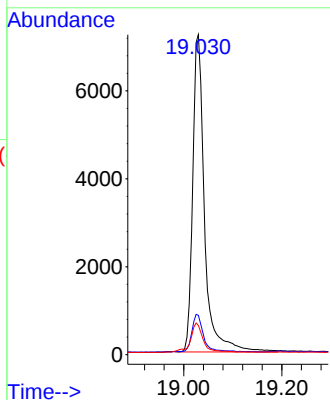
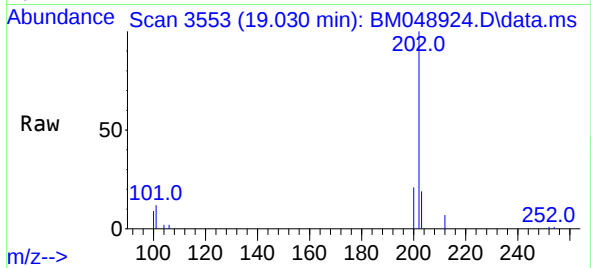




#19
Fluoranthene
Concen: 0.411 ng/u1
RT: 19.030 min Scan# 3553
Delta R.T. -0.003 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

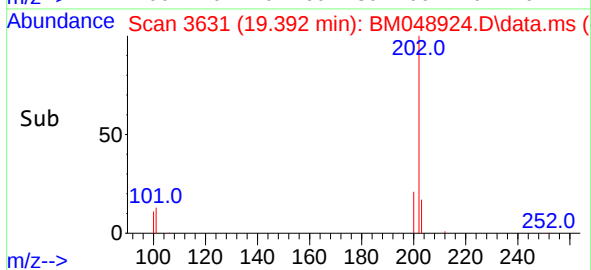
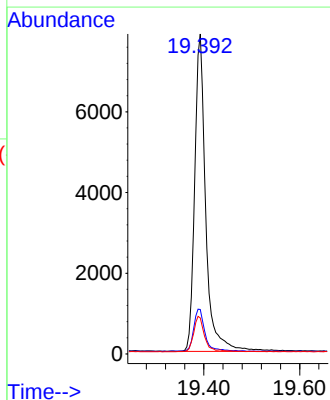
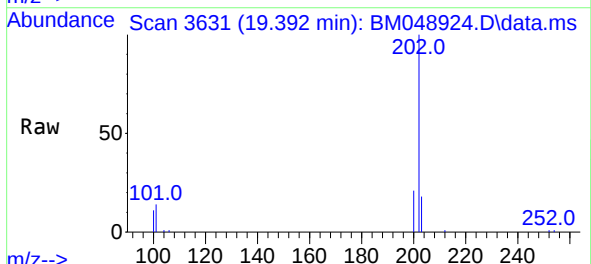
Instrument :
BNA_M
ClientSampleId :
SLCS460

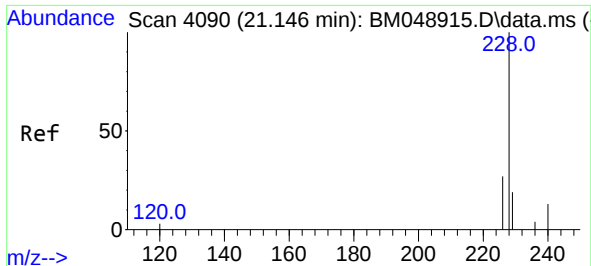
Tgt Ion:	202	Resp:	12111
Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	9.2	7.3	10.9



#20
Pyrene
Concen: 0.399 ng/u1
RT: 19.392 min Scan# 3631
Delta R.T. -0.003 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

Tgt Ion:	202	Resp:	12672
Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.6	16.0
100	11.2	8.4	12.6

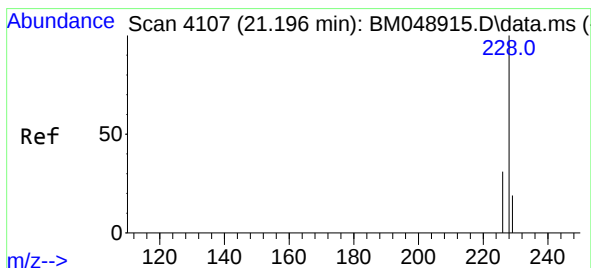
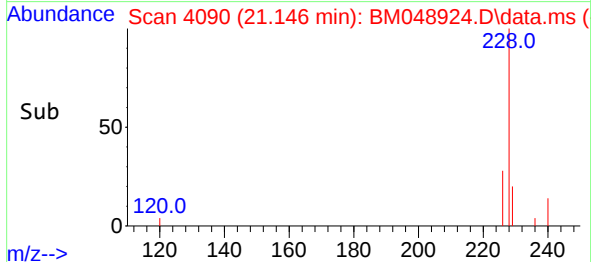
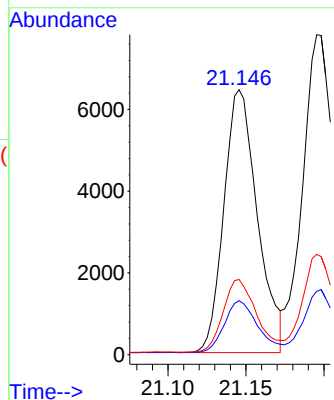
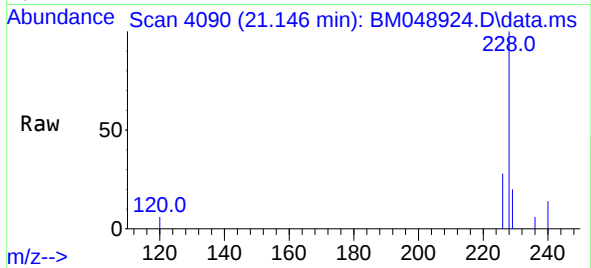




#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.003 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

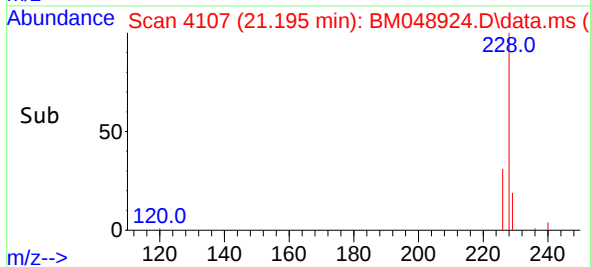
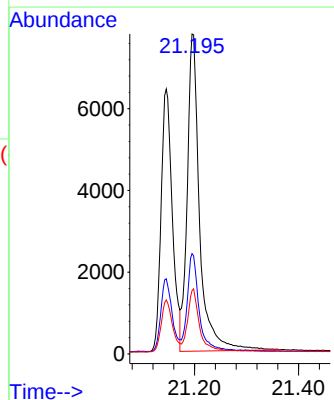
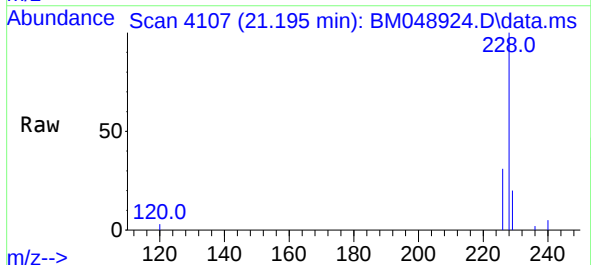
Instrument :
BNA_M
ClientSampleId :
SLCS460

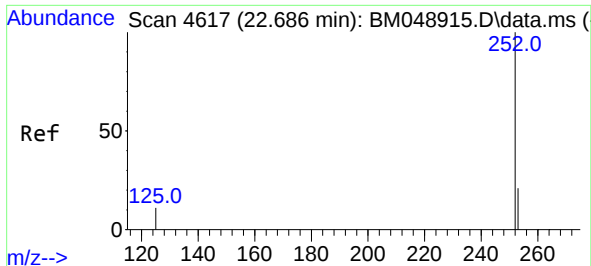
Tgt Ion:228	Resp:	9641
Ion Ratio	Lower	Upper
228	100	
229	20.4	15.7 23.5
226	28.4	23.0 34.4



#22
Chrysene
Concen: 0.454 ng/ul
RT: 21.195 min Scan# 4107
Delta R.T. -0.003 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

Tgt Ion:228	Resp:	12851
Ion Ratio	Lower	Upper
228	100	
226	31.3	24.8 37.2
229	19.8	16.0 24.0

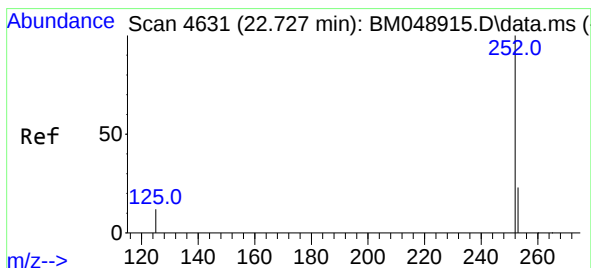
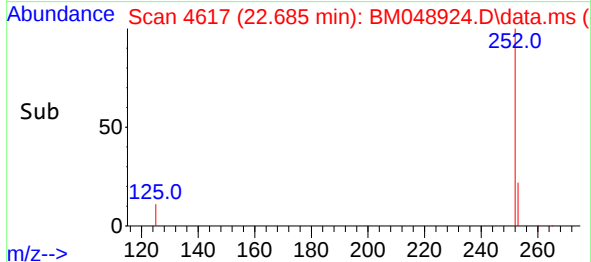
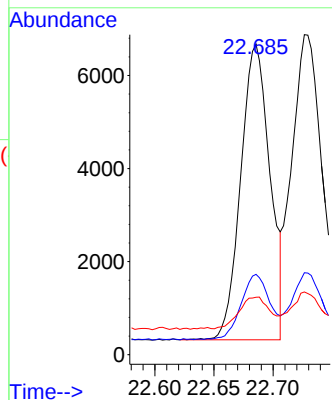
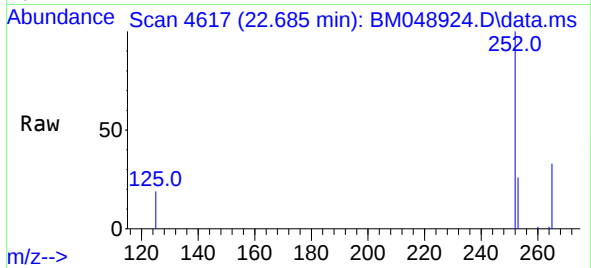




#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 22.685 min Scan# 4617
Delta R.T. -0.003 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

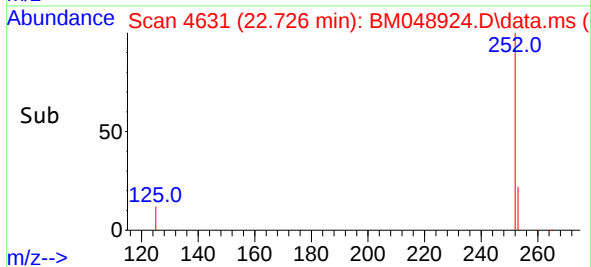
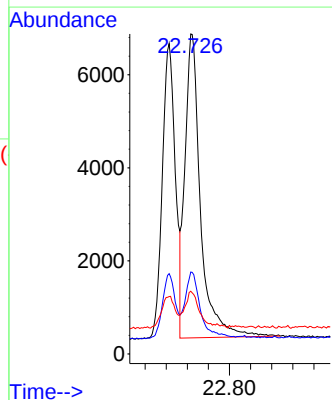
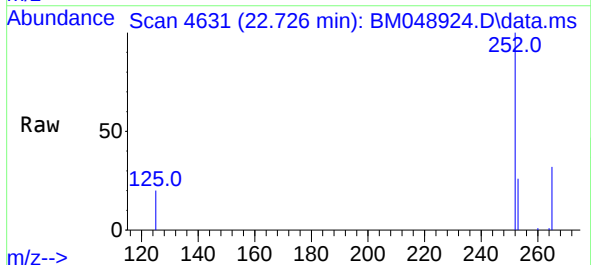
Instrument :
BNA_M
ClientSampleId :
SLCS460

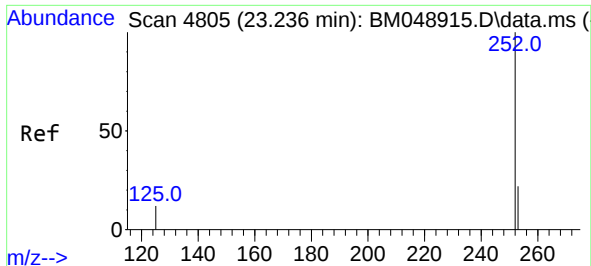
Tgt Ion:252 Resp: 10914
Ion Ratio Lower Upper
252 100
253 25.9 0.0 51.0
125 18.5 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 0.455 ng/ul
RT: 22.726 min Scan# 4631
Delta R.T. -0.006 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

Tgt Ion:252 Resp: 13367
Ion Ratio Lower Upper
252 100
253 25.6 20.5 30.7
125 19.6 17.3 25.9

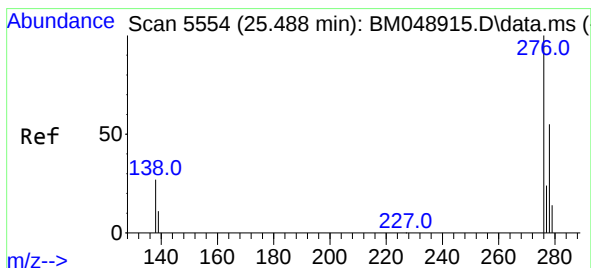
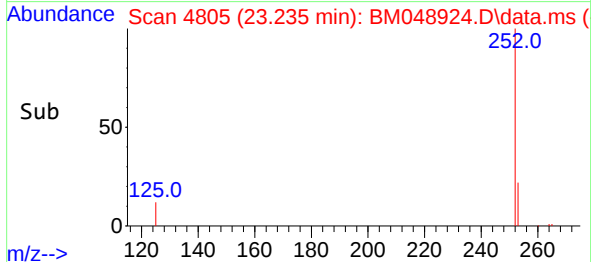
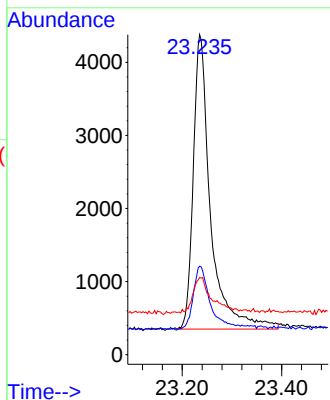
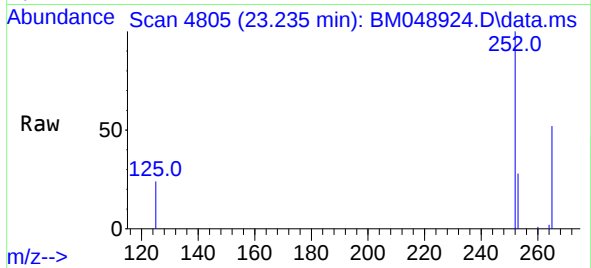




#26
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 23.235 min Scan# 4805
Delta R.T. -0.006 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

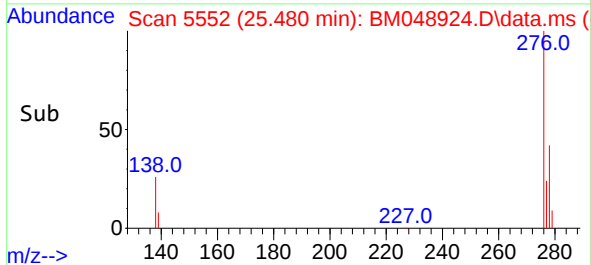
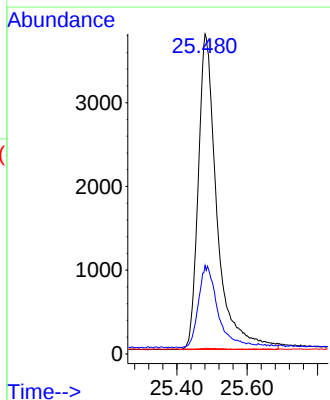
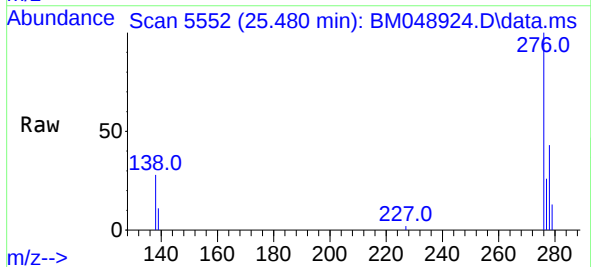
Instrument :
BNA_M
ClientSampleId :
SLCS460

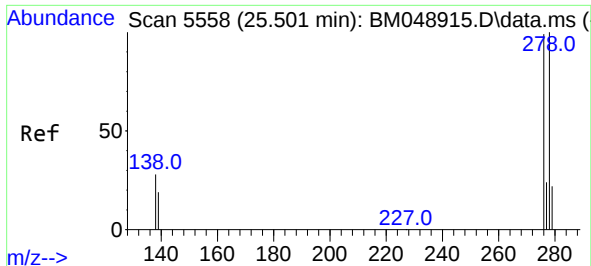
Tgt Ion:	252	Resp:	9688
Ion Ratio	Lower	Upper	
252	100		
253	27.7	21.8	32.8
125	24.2	18.6	27.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 25.480 min Scan# 5552
Delta R.T. -0.011 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

Tgt Ion:	276	Resp:	13931
Ion Ratio	Lower	Upper	
276	100		
138	26.8	22.1	33.1
227	0.1	0.2	0.2

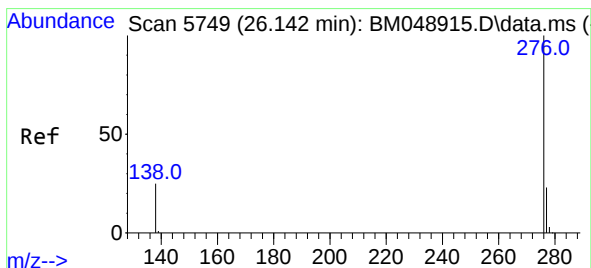
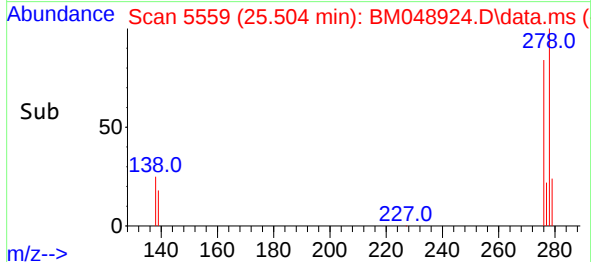
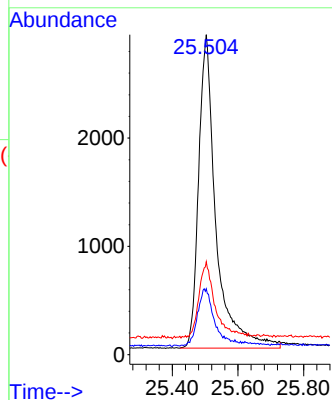
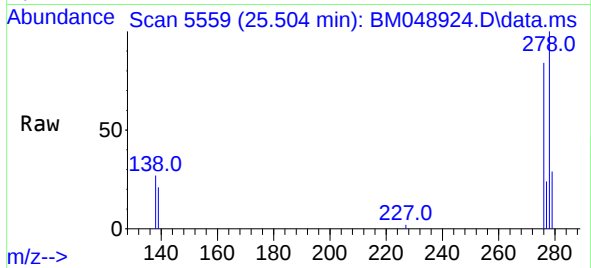




#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 25.504 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

Instrument :
BNA_M
ClientSampleId :
SLCS460

Tgt Ion:278 Resp: 10606
Ion Ratio Lower Upper
278 100
139 20.6 17.4 26.0
279 29.0 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 26.134 min Scan# 5747
Delta R.T. -0.011 min
Lab File: BM048924.D
Acq: 10 Dec 2024 15:33

Tgt Ion:276 Resp: 11710
Ion Ratio Lower Upper
276 100
138 26.0 19.8 29.6
277 25.4 19.6 29.4

