

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
 Data File : BN022485.D
 Acq On : 03 Nov 2022 19:52
 Operator : CG/JU
 Sample : N5395-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-1-103122

Quant Time: Nov 04 04:07:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 03:28:17 2022
 Response via : Initial Calibration

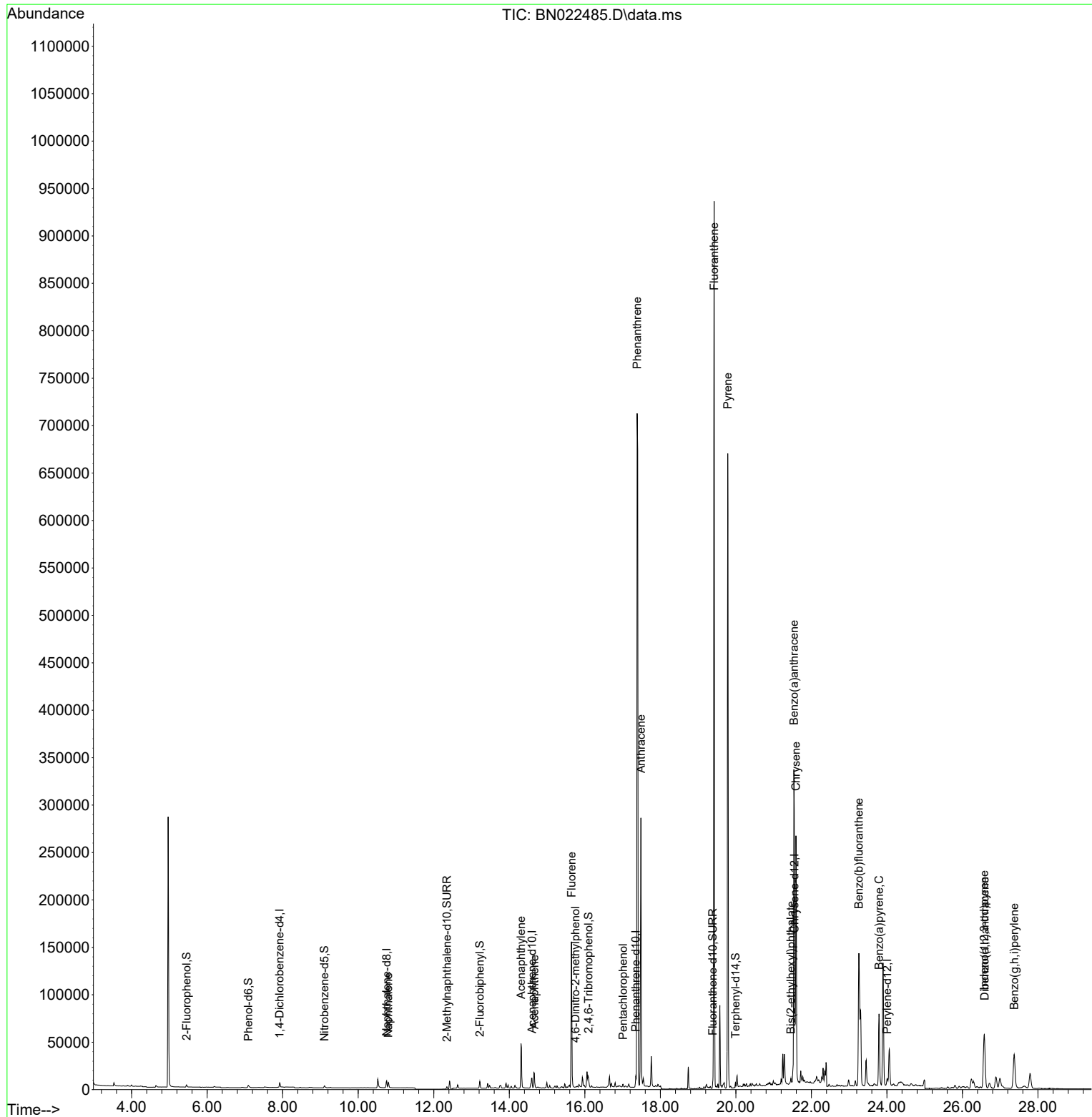
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	2563	0.400	ng	0.00
7) Naphthalene-d8	10.752	136	10204	0.400	ng	0.00
13) Acenaphthene-d10	14.600	164	6495	0.400	ng	0.00
19) Phenanthrene-d10	17.350	188	14032	0.400	ng	# 0.00
29) Chrysene-d12	21.555	240	12321	0.400	ng	# 0.00
35) Perylene-d12	24.005	264	11007	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	2281	0.315	ng	0.00
5) Phenol-d6	7.090	99	2541	0.279	ng	0.00
8) Nitrobenzene-d5	9.108	82	2083	0.226	ng	0.00
11) 2-Methylnaphthalene-d10	12.349	152	3813	0.223	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	582	0.171	ng	0.00
15) 2-Fluorobiphenyl	13.221	172	6201	0.229	ng	0.00
27) Fluoranthene-d10	19.390	212	8472	0.221	ng	0.00
31) Terphenyl-d14	19.989	244	8048	0.210	ng	0.00
Target Compounds						
9) Naphthalene	10.795	128	7628	0.247	ng	Qvalue 100
16) Acenaphthylene	14.311	152	55888	1.695	ng	99
17) Acenaphthene	14.664	154	8866	0.417	ng	97
18) Fluorene	15.647	166	97010	3.258	ng	100
20) 4,6-Dinitro-2-methylph...	15.749	198	16	0.236	ng	# 1
24) Pentachlorophenol	17.015	266	15	0.173	ng	97
25) Phenanthrene	17.387	178	831799	17.736	ng	100
26) Anthracene	17.487	178	291720	7.070	ng	100
28) Fluoranthene	19.424	202	810354	16.033	ng	98
30) Pyrene	19.786	202	569061	10.697	ng	99
32) Benzo(a)anthracene	21.537	228	289390	5.841	ng	98
33) Chrysene	21.591	228	235243	4.794	ng	97
34) Bis(2-ethylhexyl)phtha...	21.457	149	4383	0.105	ng	98
36) Indeno(1,2,3-cd)pyrene	26.578	276	97327	1.836	ng	95
37) Benzo(b)fluoranthene	23.257	252	250447	5.787	ng	# 90
39) Benzo(a)pyrene	23.792	252	105515	2.846	ng	92
40) Dibenzo(a,h)anthracene	26.590	278	23714	0.562	ng	98
41) Benzo(g,h,i)perylene	27.370	276	80240	1.792	ng	96

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

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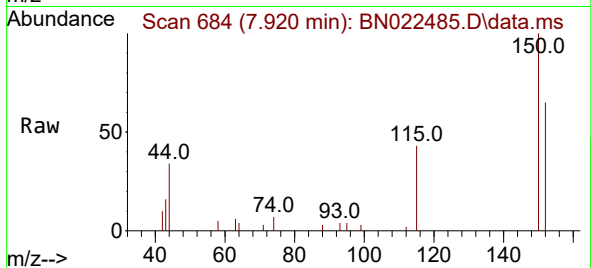
Quant Time: Nov 04 04:07:53 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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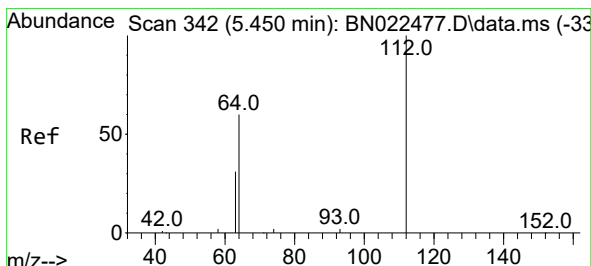
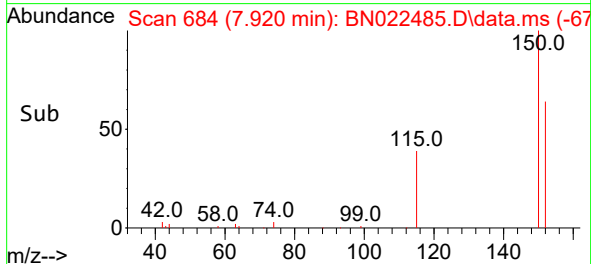
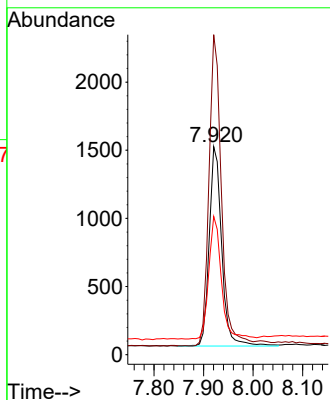


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.920 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Instrument :
BNA_N
ClientSampleId :
S-1-103122

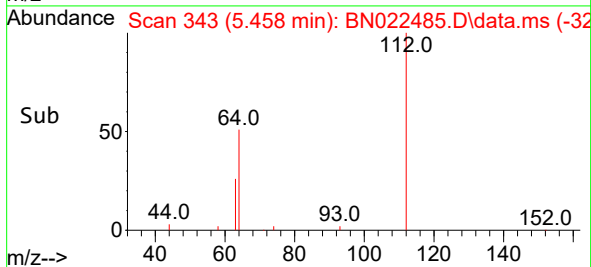
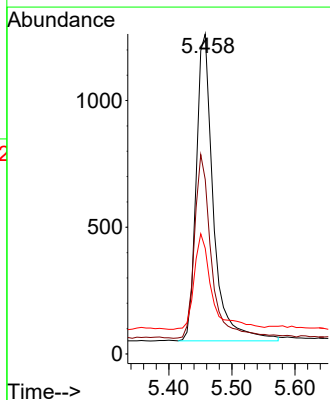
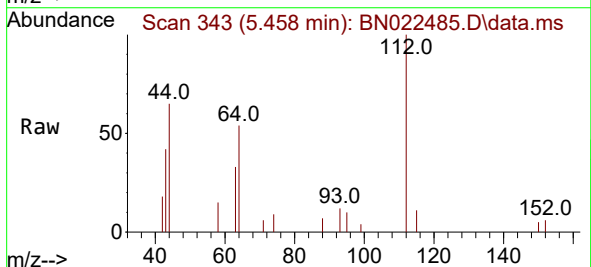


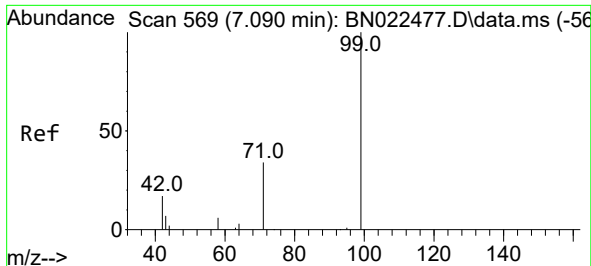
Tgt Ion:152 Resp: 2563
Ion Ratio Lower Upper
152 100
150 153.9 123.4 185.2
115 66.5 54.9 82.3



#4
2-Fluorophenol
Concen: 0.315 ng
RT: 5.458 min Scan# 343
Delta R.T. 0.007 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:112 Resp: 2281
Ion Ratio Lower Upper
112 100
64 59.7 47.1 70.7
63 32.2 24.6 36.8

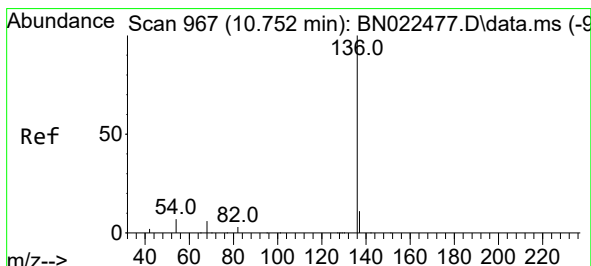
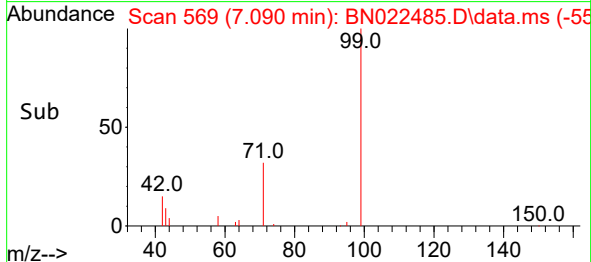
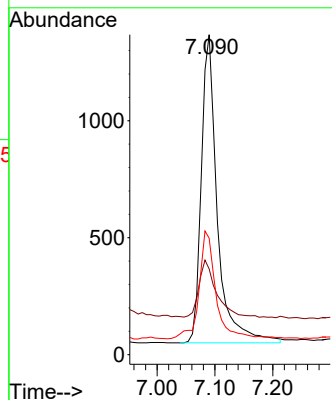
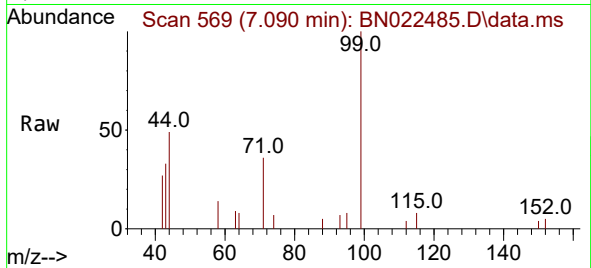




#5
Phenol-d6
Concen: 0.279 ng
RT: 7.090 min Scan# 569
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

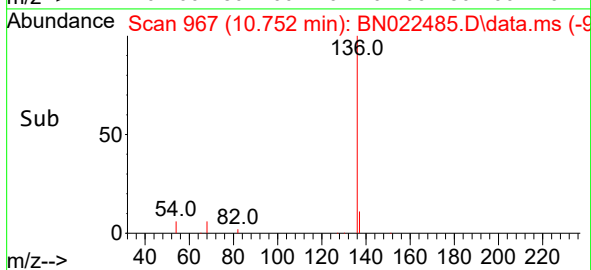
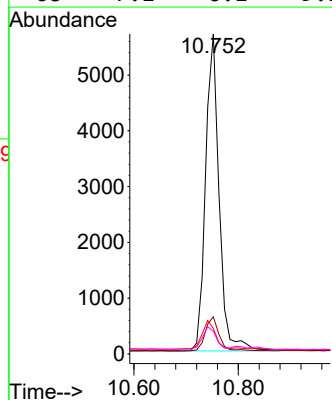
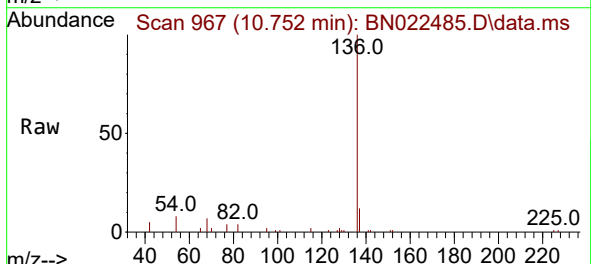
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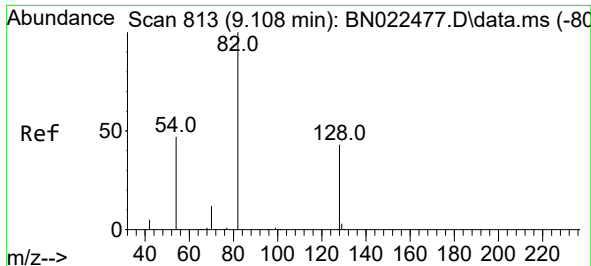
Tgt Ion:	99	Resp:	2541
Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.7	22.1
71	36.8	27.0	40.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.752 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:	136	Resp:	10204
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	8.0	7.1	10.7
68	7.1	6.1	9.1

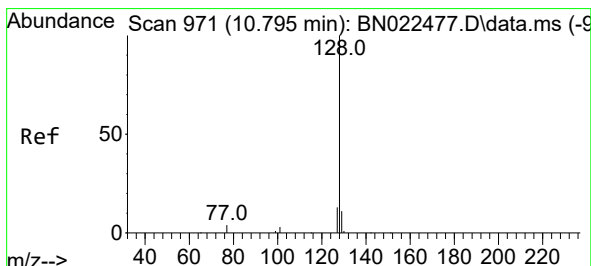
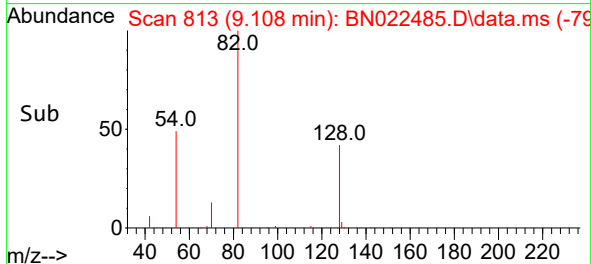
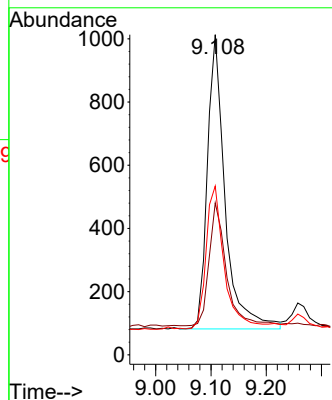
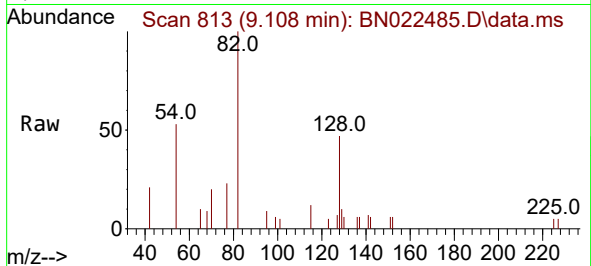




#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 9.108 min Scan# 813
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

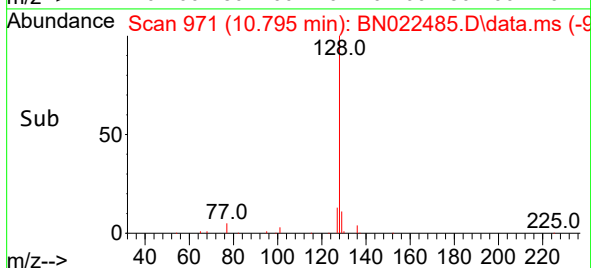
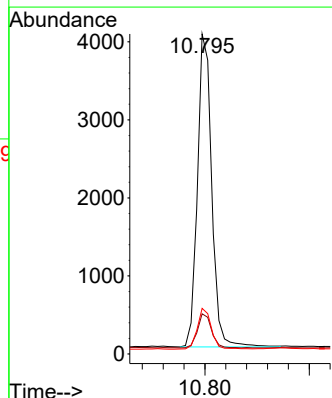
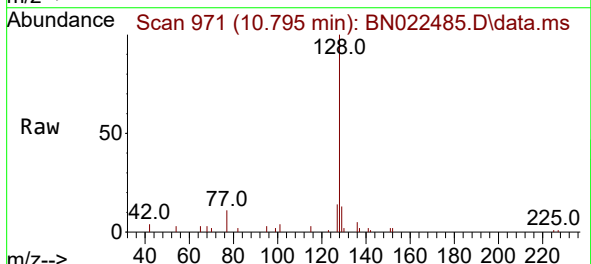
Instrument :
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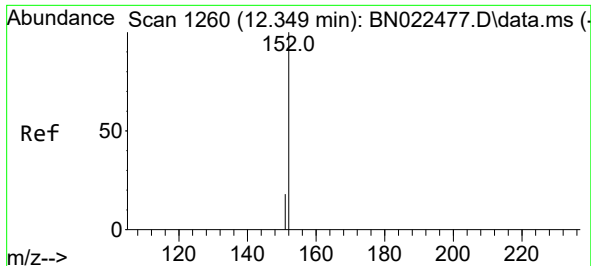
Tgt Ion: 82 Resp: 2083
Ion Ratio Lower Upper
82 100
128 47.5 37.3 55.9
54 52.7 40.0 60.0



#9
Naphthalene
Concen: 0.247 ng
RT: 10.795 min Scan# 971
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion: 128 Resp: 7628
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.6
127 14.2 11.4 17.2

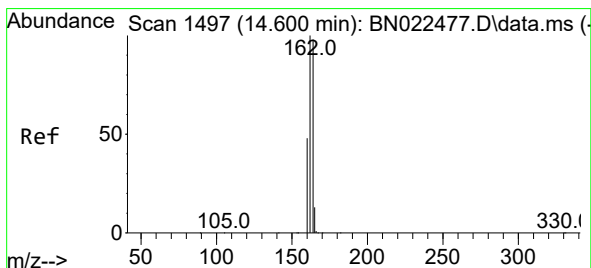
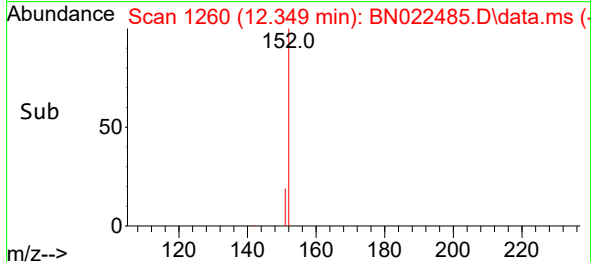
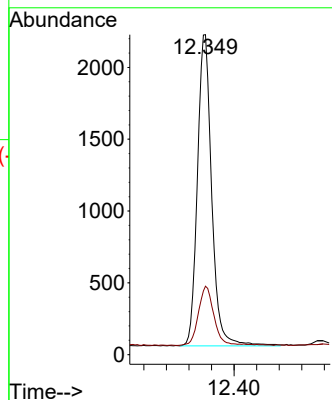
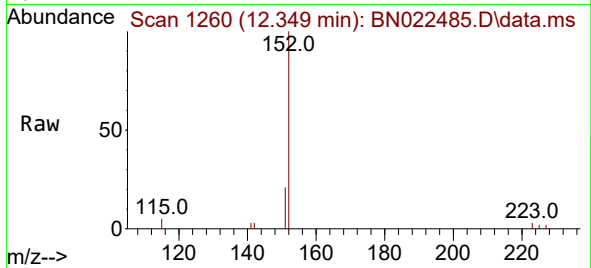




#11
2-Methylnaphthalene-d10
Concen: 0.223 ng
RT: 12.349 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

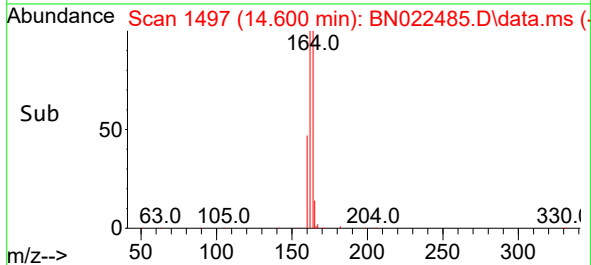
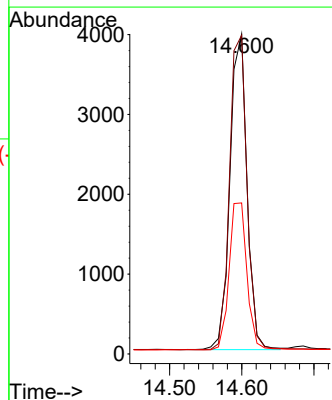
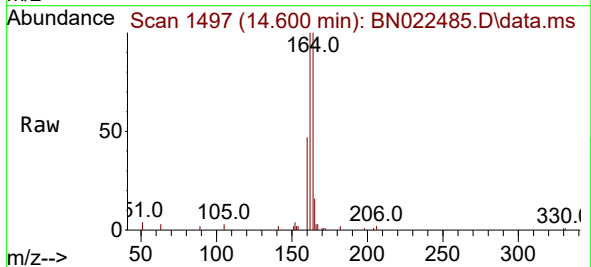
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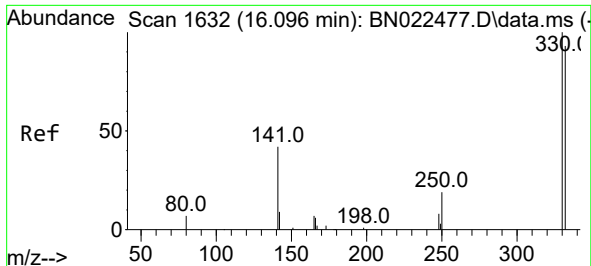
Tgt Ion:152 Resp: 3813
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.600 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:164 Resp: 6495
Ion Ratio Lower Upper
164 100
162 99.6 82.0 123.0
160 47.2 39.4 59.2

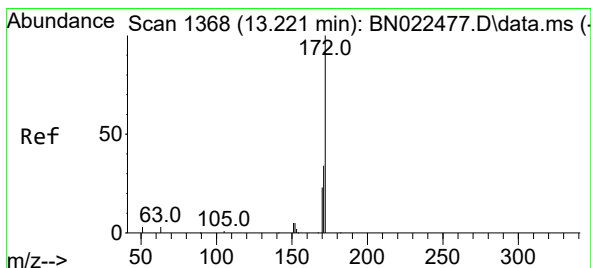
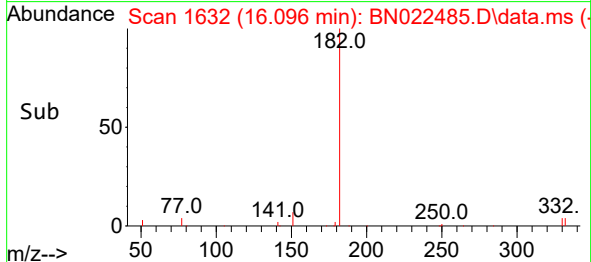
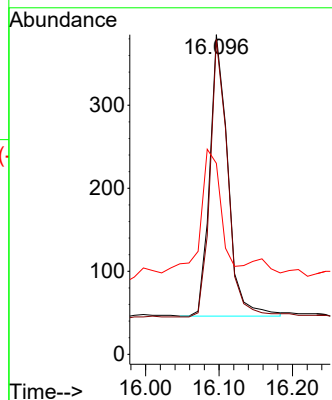
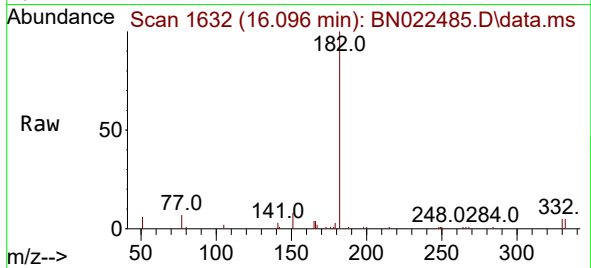




#14
2,4,6-Tribromophenol
Concen: 0.171 ng
RT: 16.096 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

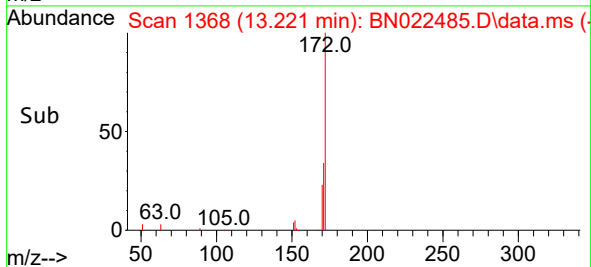
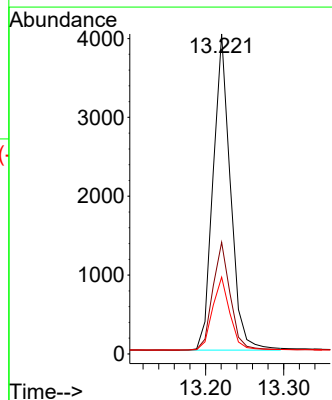
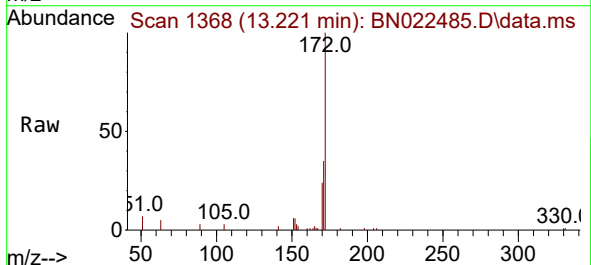
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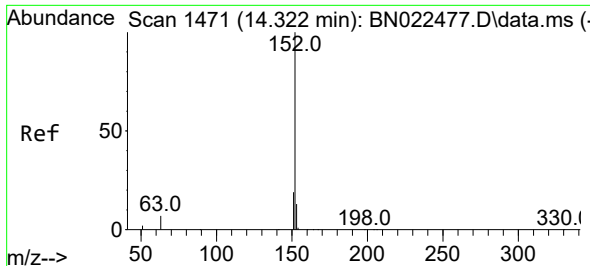
Tgt Ion: 330 Resp: 582
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 49.0 35.0 52.6



#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 13.221 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion: 172 Resp: 6201
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 24.0 19.2 28.8

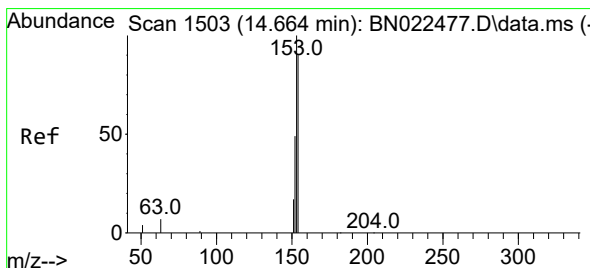
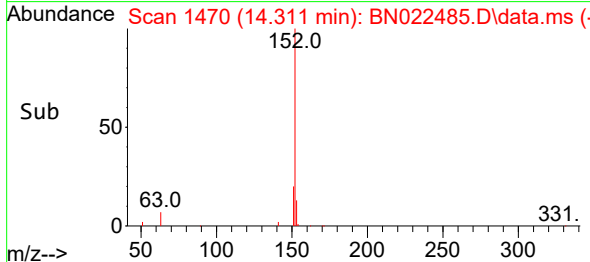
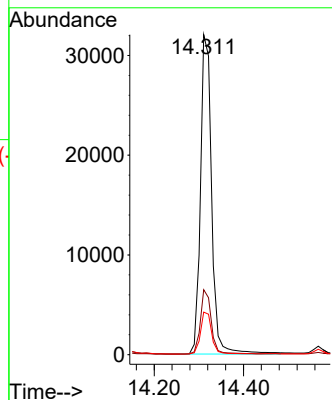
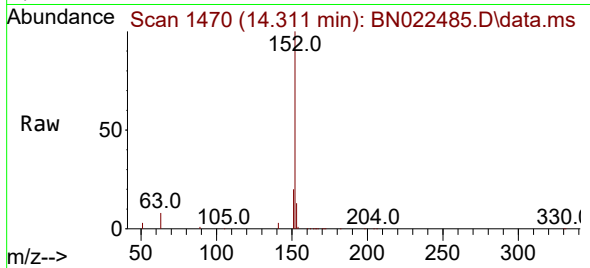




#16
Acenaphthylene
Concen: 1.695 ng
RT: 14.311 min Scan# 1470
Delta R.T. -0.011 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

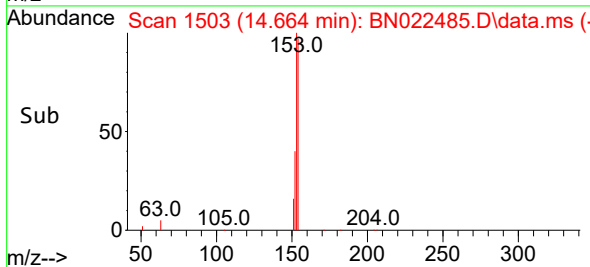
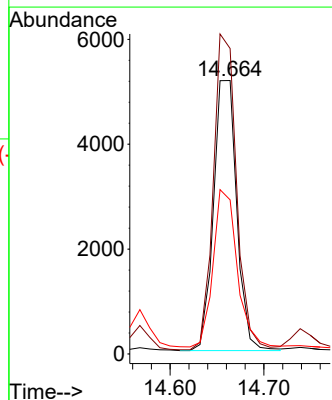
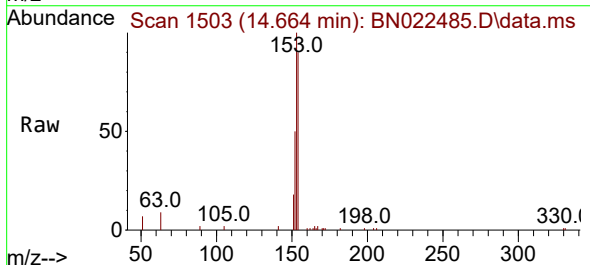
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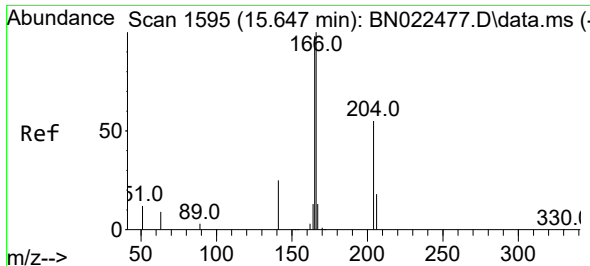
Tgt Ion:152 Resp: 55888
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.2 10.3 15.5



#17
Acenaphthene
Concen: 0.417 ng
RT: 14.664 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:154 Resp: 8866
Ion Ratio Lower Upper
154 100
153 116.3 91.8 137.8
152 61.8 45.7 68.5

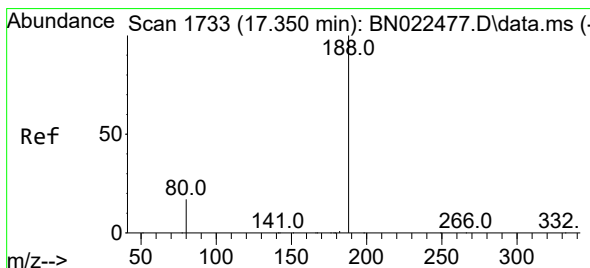
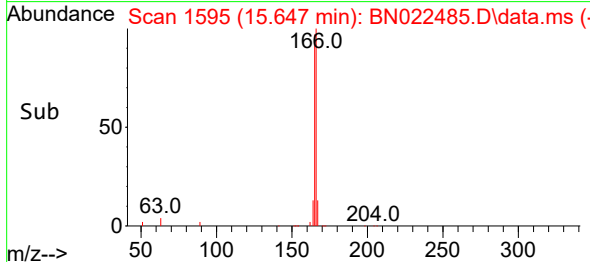
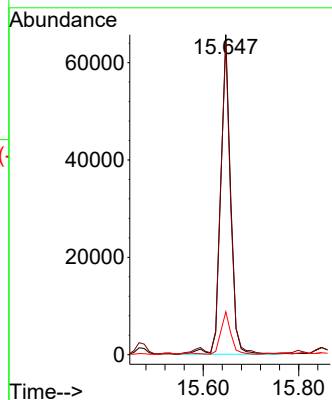
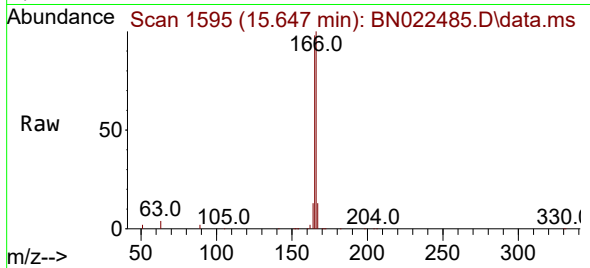




#18
Fluorene
Concen: 3.258 ng
RT: 15.647 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

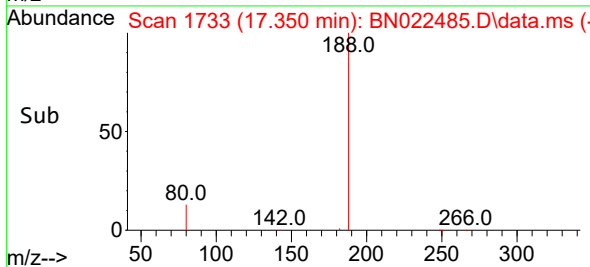
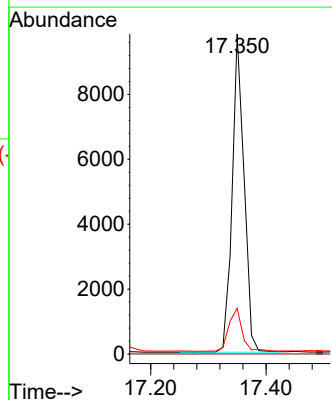
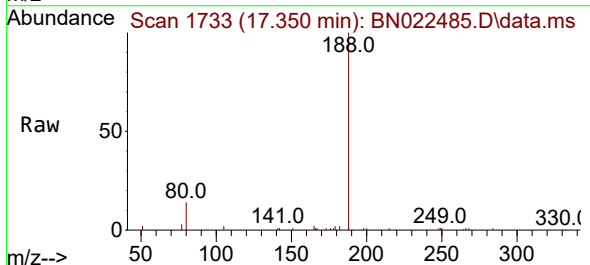
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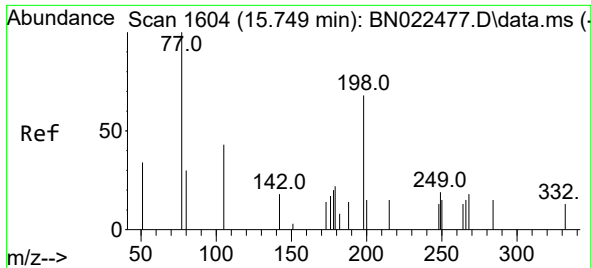
Tgt Ion:166 Resp: 97010
Ion Ratio Lower Upper
166 100
165 98.6 78.7 118.1
167 12.9 10.2 15.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.350 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:188 Resp: 14032
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 14.3 14.6 21.8#

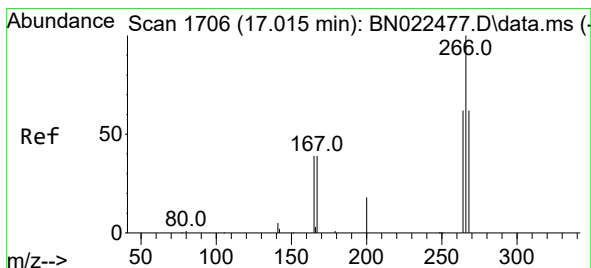
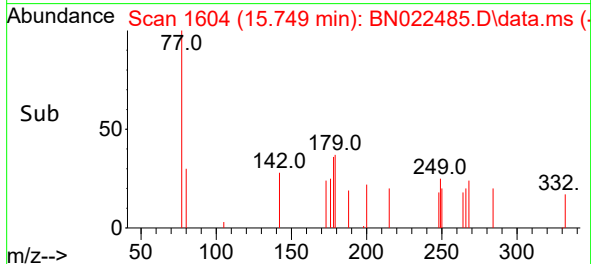
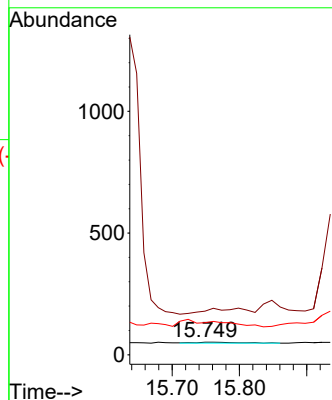
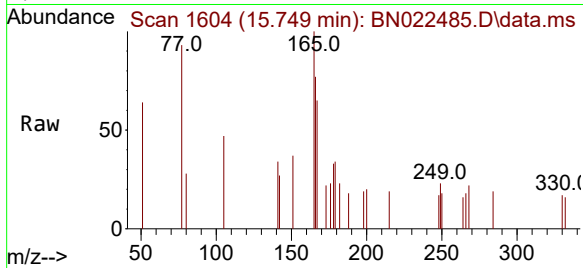




#20
4,6-Dinitro-2-methylphenol
Concen: 0.236 ng
RT: 15.749 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

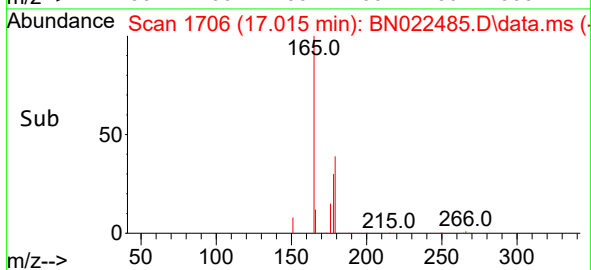
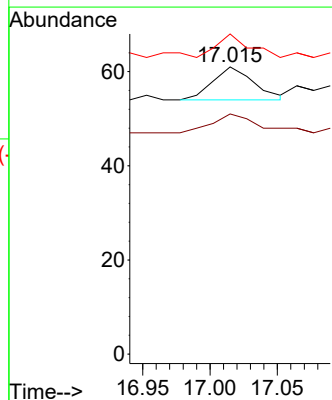
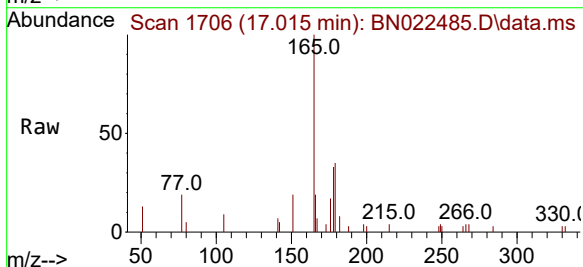
Instrument :
BNA_N
ClientSampleId :
S-1-103122

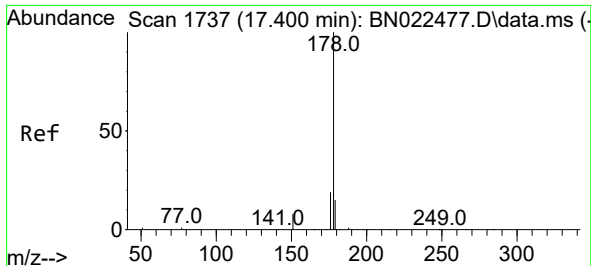
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 344.2 83.8 125.8#
105 253.8 71.4 107.2#



#24
Pentachlorophenol
Concen: 0.173 ng
RT: 17.015 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
264 66.7 50.6 75.8
268 66.7 54.1 81.1

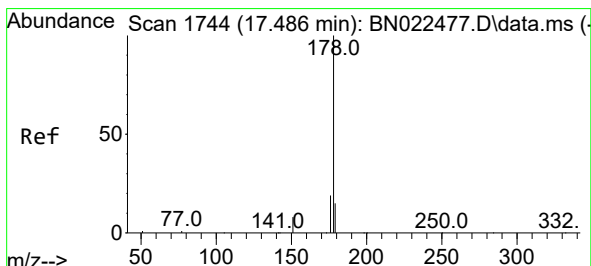
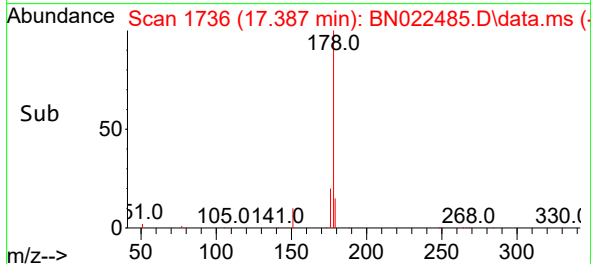
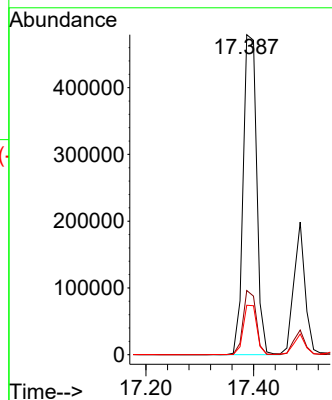
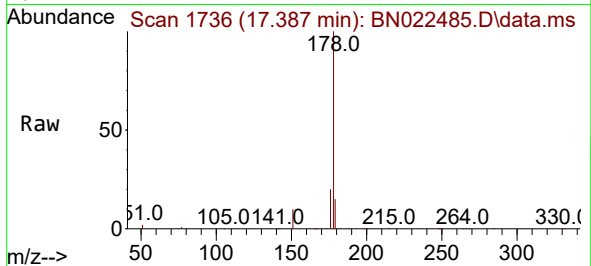




#25
Phenanthrene
Concen: 17.736 ng
RT: 17.387 min Scan# 1736
Delta R.T. -0.013 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

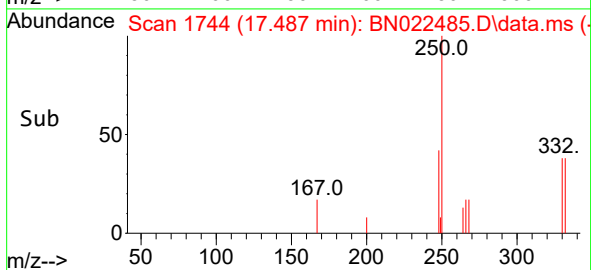
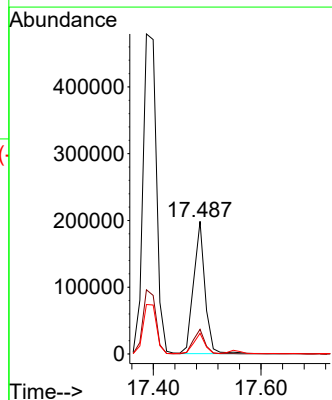
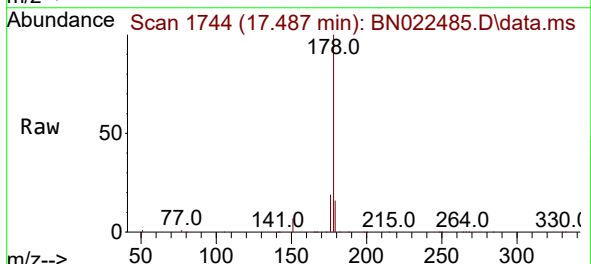
Instrument :
BNA_N
ClientSampleId :
S-1-103122

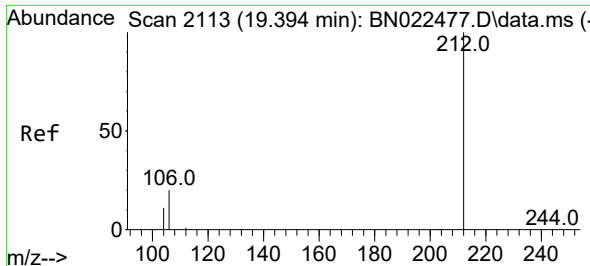
Tgt Ion:178 Resp: 831799
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.5 12.2 18.4



#26
Anthracene
Concen: 7.070 ng
RT: 17.487 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:178 Resp: 291720
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.2 12.2 18.2

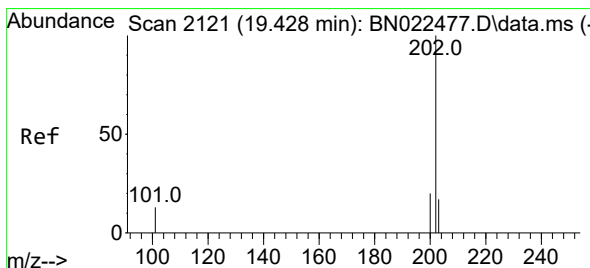
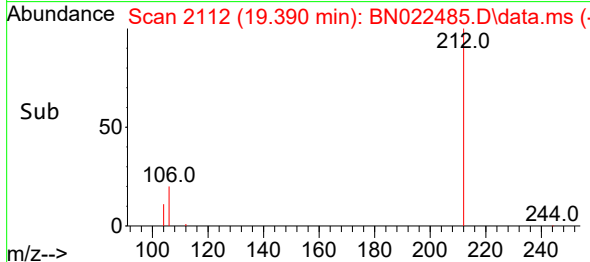
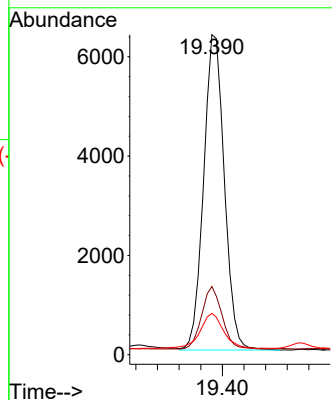
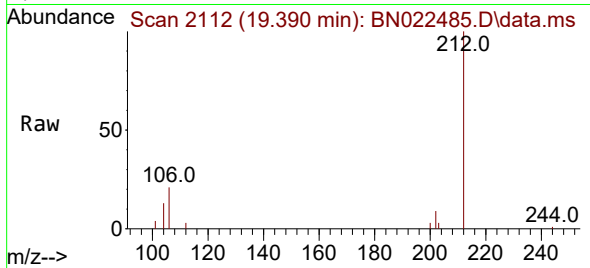




#27
Fluoranthene-d10
Concen: 0.221 ng
RT: 19.390 min Scan# 2113
Delta R.T. -0.004 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

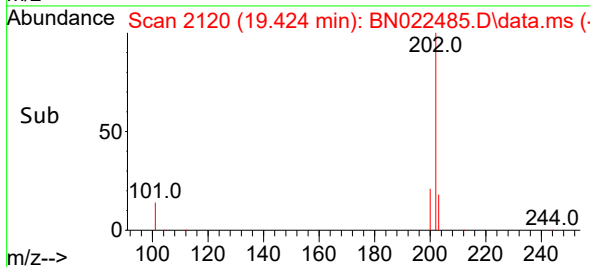
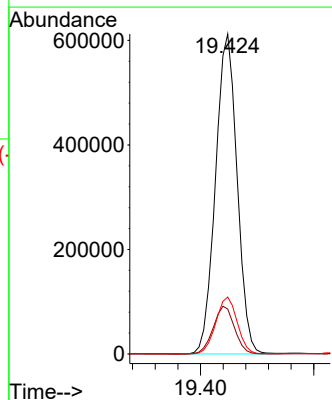
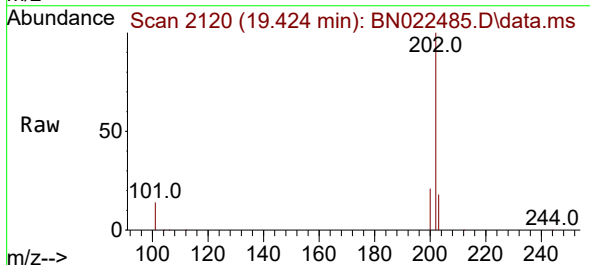
Instrument :
BNA_N
ClientSampleId :
S-1-103122

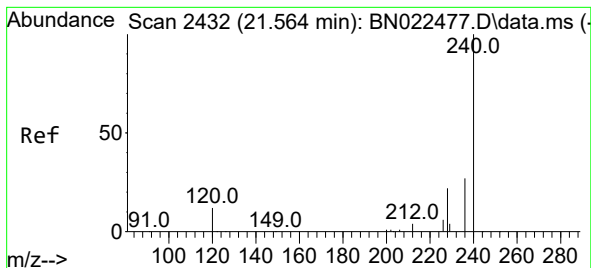
Tgt Ion:212 Resp: 8472
Ion Ratio Lower Upper
212 100
106 19.4 15.2 22.8
104 12.8 8.6 12.8



#28
Fluoranthene
Concen: 16.033 ng
RT: 19.424 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:202 Resp: 810354
Ion Ratio Lower Upper
202 100
101 14.7 11.2 16.8
203 17.6 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.555 min Scan# 2431

Delta R.T. -0.009 min

Lab File: BN022485.D

Acq: 03 Nov 2022 19:52

Instrument :

BNA_N

ClientSampleId :

S-1-103122

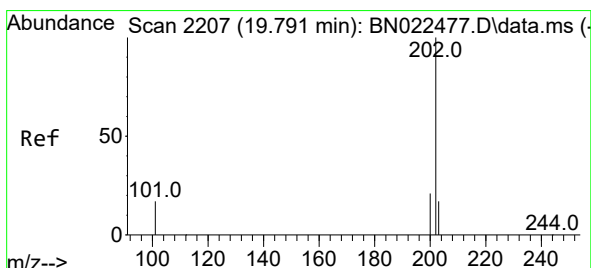
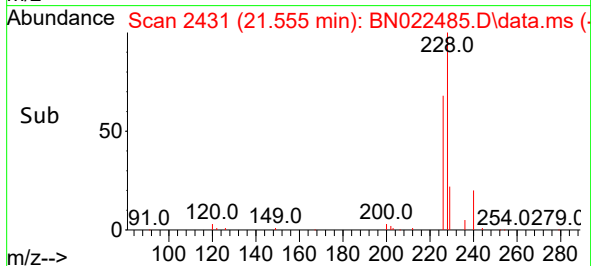
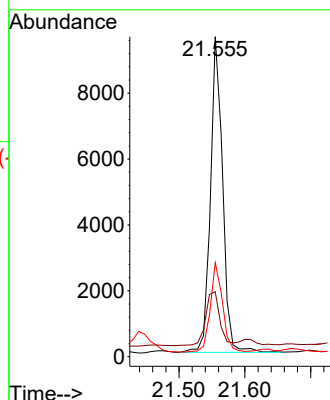
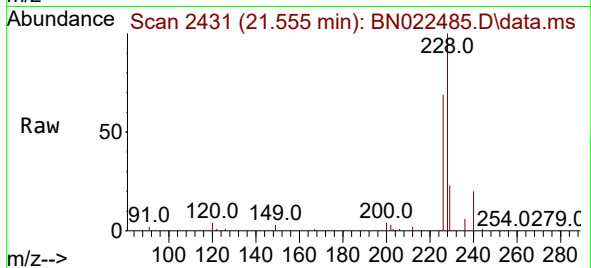
Tgt Ion:240 Resp: 12321

Ion Ratio Lower Upper

240 100

120 20.3 12.4 18.6#

236 29.4 22.7 34.1



#30

Pyrene

Concen: 10.697 ng

RT: 19.786 min Scan# 2206

Delta R.T. -0.004 min

Lab File: BN022485.D

Acq: 03 Nov 2022 19:52

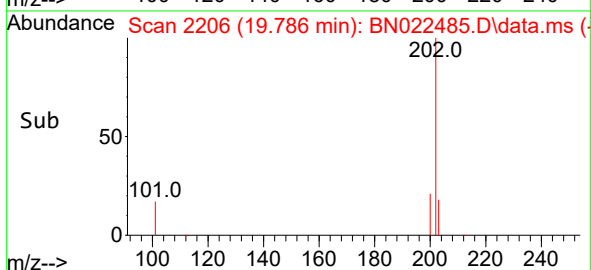
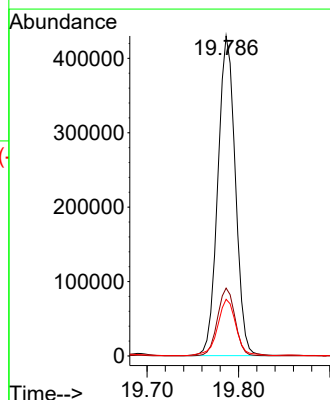
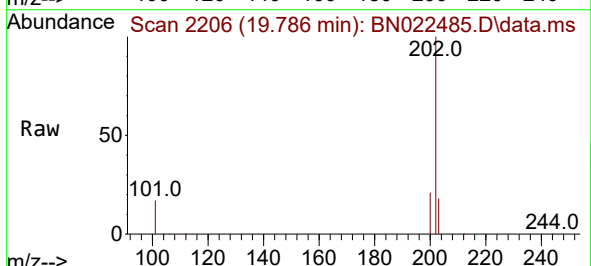
Tgt Ion:202 Resp: 569061

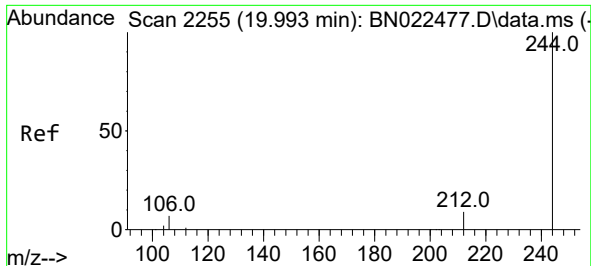
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 18.7 14.3 21.5

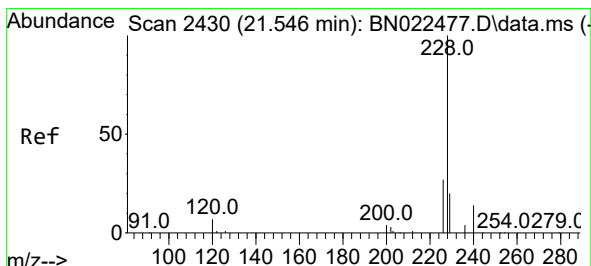
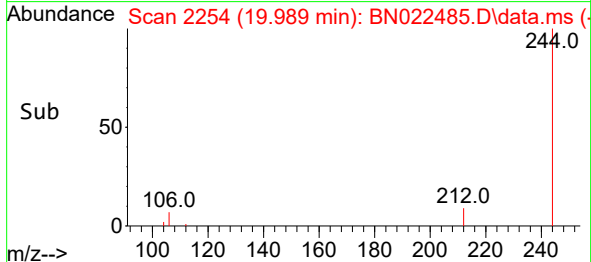
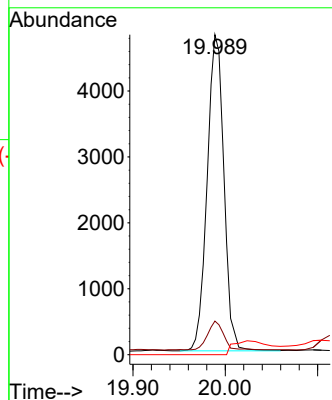
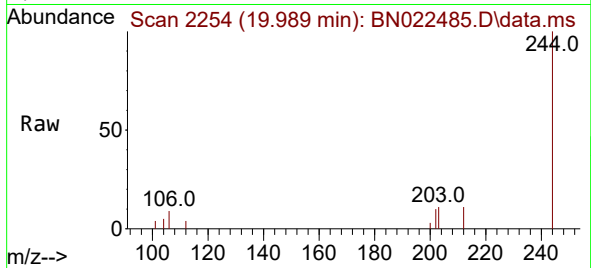




#31
Terphenyl-d14
Concen: 0.210 ng
RT: 19.989 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

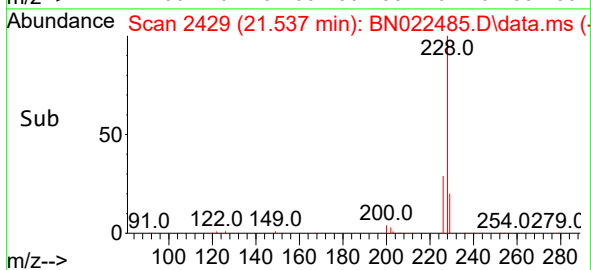
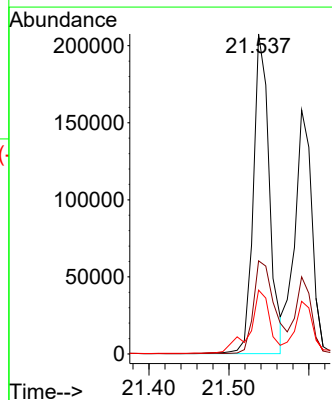
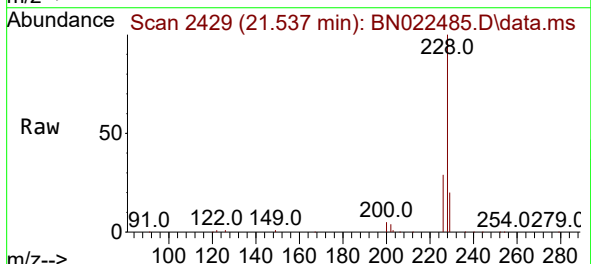
Instrument :
BNA_N
ClientSampleId :
S-1-103122

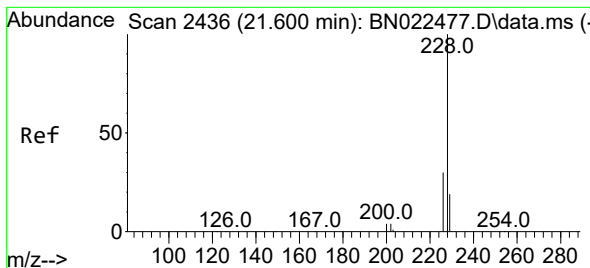
Tgt Ion:244 Resp: 8048
Ion Ratio Lower Upper
244 100
212 10.5 7.8 11.8
122 0.0 0.0 0.0



#32
Benzo(a)anthracene
Concen: 5.841 ng
RT: 21.537 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:228 Resp: 289390
Ion Ratio Lower Upper
228 100
226 29.1 22.1 33.1
229 20.0 16.4 24.6





#33

Chrysene

Concen: 4.794 ng

RT: 21.591 min Scan# 2436

Delta R.T. -0.009 min

Lab File: BN022485.D

Acq: 03 Nov 2022 19:52

Instrument :

BNA_N

ClientSampleId :

S-1-103122

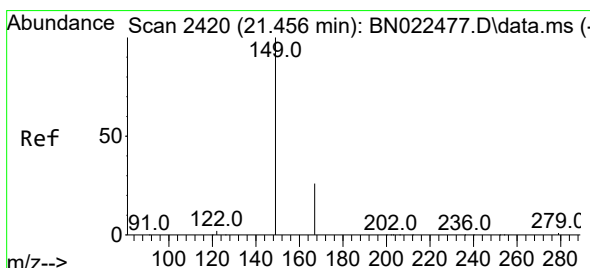
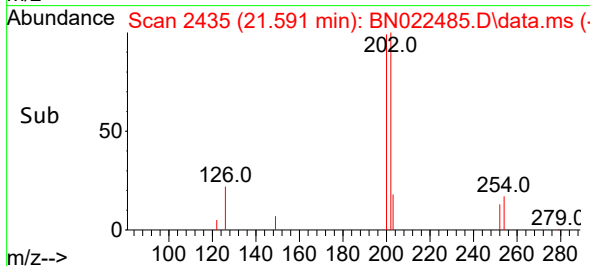
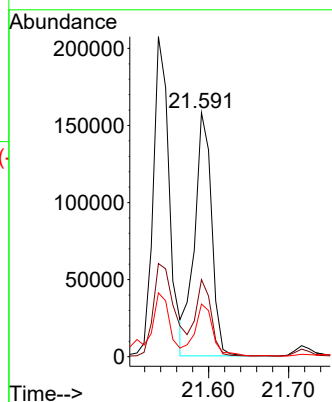
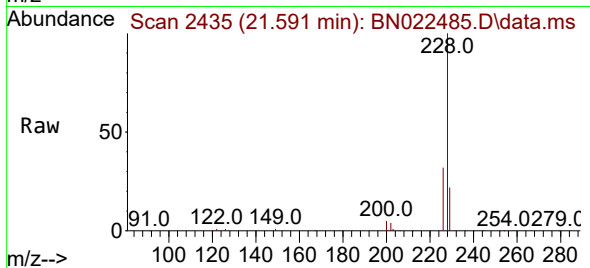
Tgt Ion:228 Resp: 235243

Ion Ratio Lower Upper

228 100

226 31.6 24.1 36.1

229 21.6 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.105 ng

RT: 21.457 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BN022485.D

Acq: 03 Nov 2022 19:52

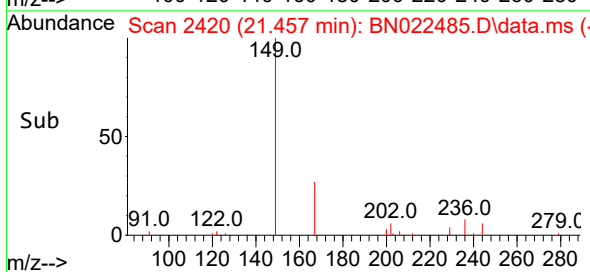
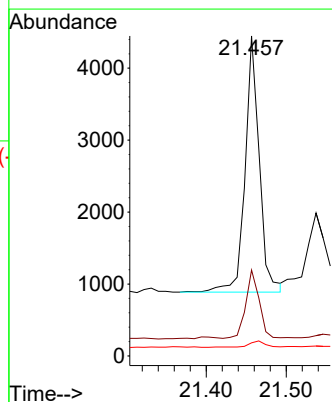
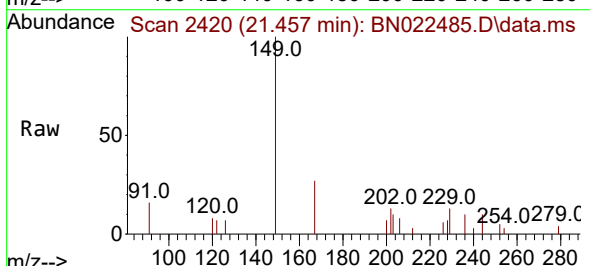
Tgt Ion:149 Resp: 4383

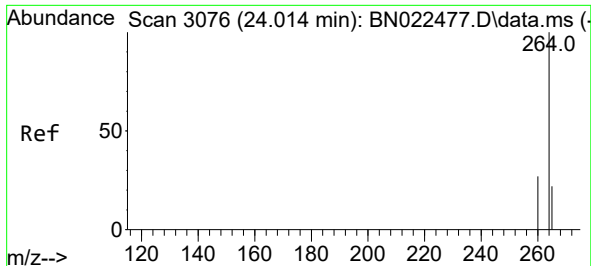
Ion Ratio Lower Upper

149 100

167 25.3 21.3 31.9

279 3.0 2.7 4.1





#35
Perylene-d12

Concen: 0.400 ng

RT: 24.005 min Scan# 3073

Delta R.T. -0.009 min

Lab File: BN022485.D

Acq: 03 Nov 2022 19:52

Instrument :

BNA_N

ClientSampleId :

S-1-103122

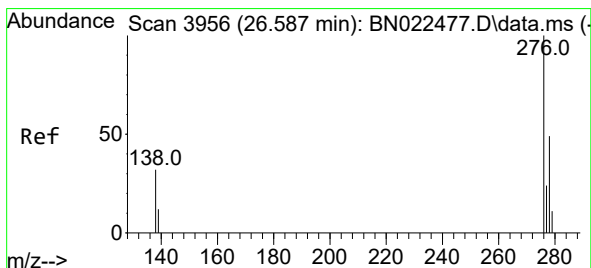
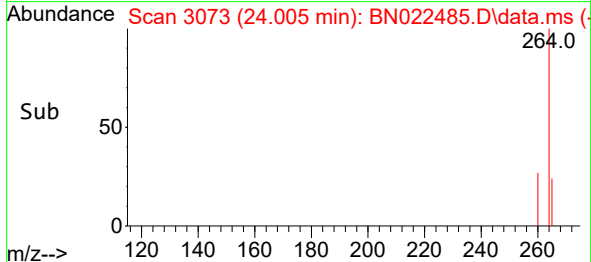
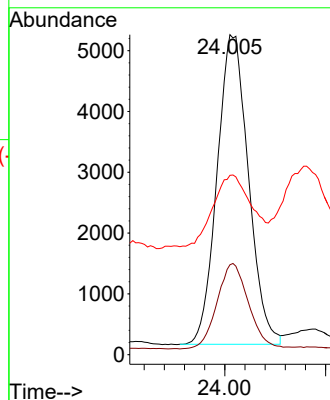
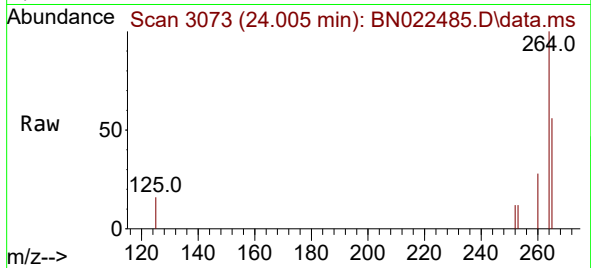
Tgt Ion:264 Resp: 11007

Ion Ratio Lower Upper

264 100

260 28.1 22.4 33.6

265 56.0 44.4 66.6



#36

Indeno(1,2,3-cd)pyrene

Concen: 1.836 ng

RT: 26.578 min Scan# 3953

Delta R.T. -0.009 min

Lab File: BN022485.D

Acq: 03 Nov 2022 19:52

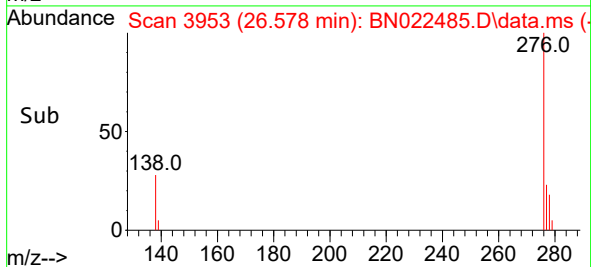
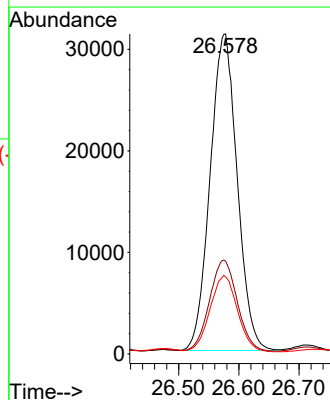
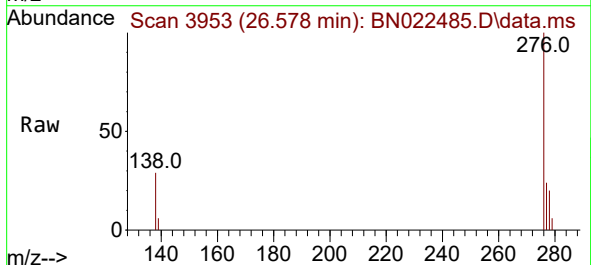
Tgt Ion:276 Resp: 97327

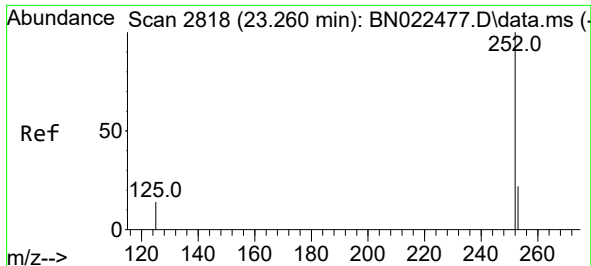
Ion Ratio Lower Upper

276 100

138 29.4 27.5 41.3

277 24.4 19.8 29.6

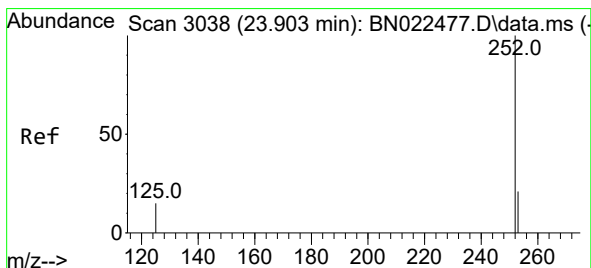
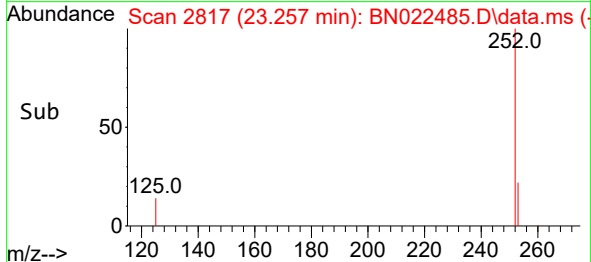
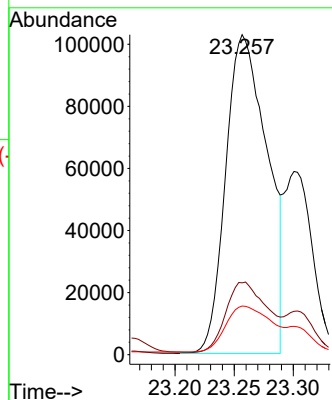
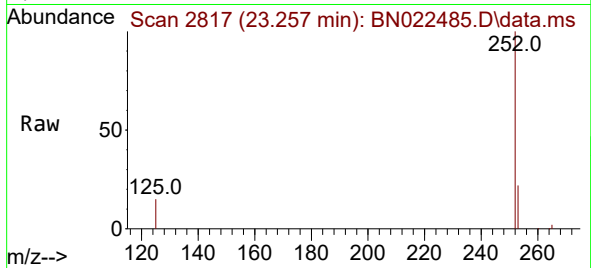




#37
Benzo(b)fluoranthene
Concen: 5.787 ng
RT: 23.257 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

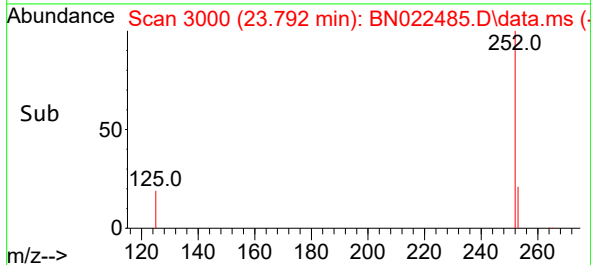
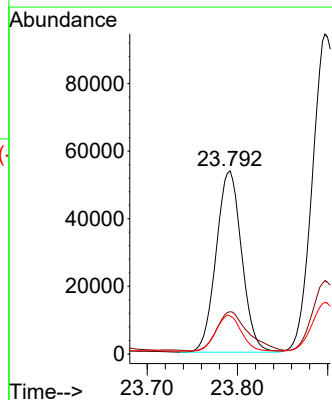
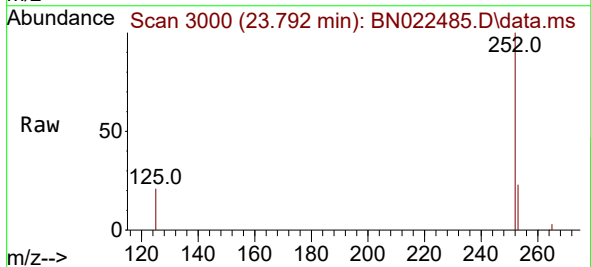
Instrument :
BNA_N
ClientSampleId :
S-1-103122

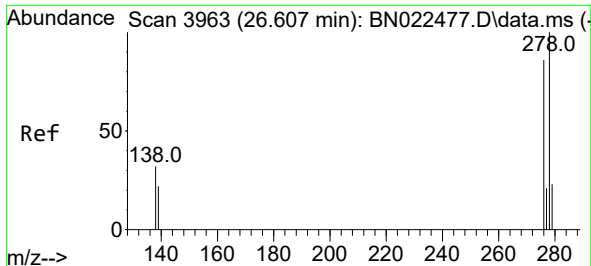
Tgt Ion:252 Resp: 250447
Ion Ratio Lower Upper
252 100
253 22.4 21.1 31.7
125 15.2 16.8 25.2#



#39
Benzo(a)pyrene
Concen: 2.846 ng
RT: 23.792 min Scan# 3000
Delta R.T. -0.111 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:252 Resp: 105515
Ion Ratio Lower Upper
252 100
253 23.1 22.0 33.0
125 20.8 19.8 29.8

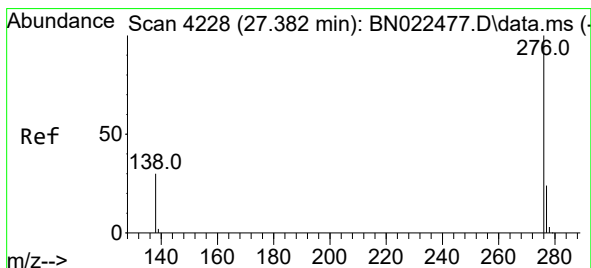
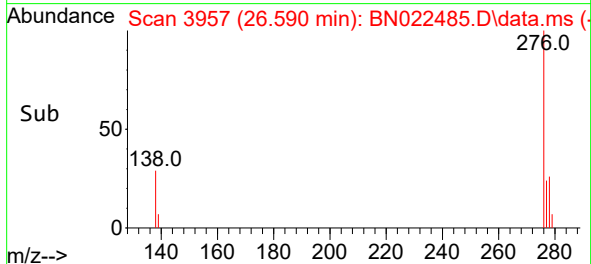
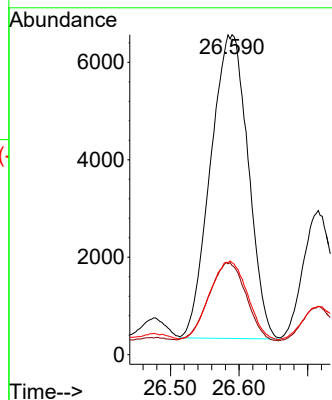
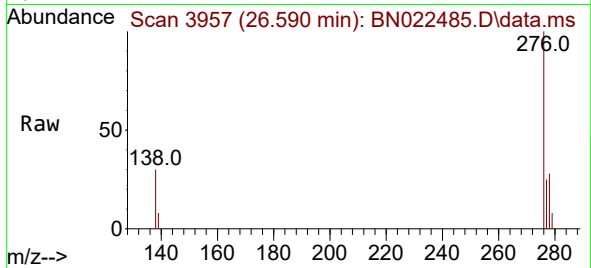




#40
Dibenzo(a,h)anthracene
Concen: 0.562 ng
RT: 26.590 min Scan# 3963
Delta R.T. -0.017 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Instrument :
BNA_N
ClientSampleId :
S-1-103122

Tgt Ion:278 Resp: 23714
Ion Ratio Lower Upper
278 100
139 27.9 21.8 32.6
279 28.7 21.5 32.3



#41
Benzo(g,h,i)perylene
Concen: 1.792 ng
RT: 27.370 min Scan# 4224
Delta R.T. -0.012 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:276 Resp: 80240
Ion Ratio Lower Upper
276 100
277 24.1 21.0 31.4
138 30.1 26.0 39.0

