

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028194.D
 Acq On : 10 Oct 2023 13:12
 Operator : MA/JU
 Sample : PB155970BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155970BL

Quant Time: Oct 10 13:41:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

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

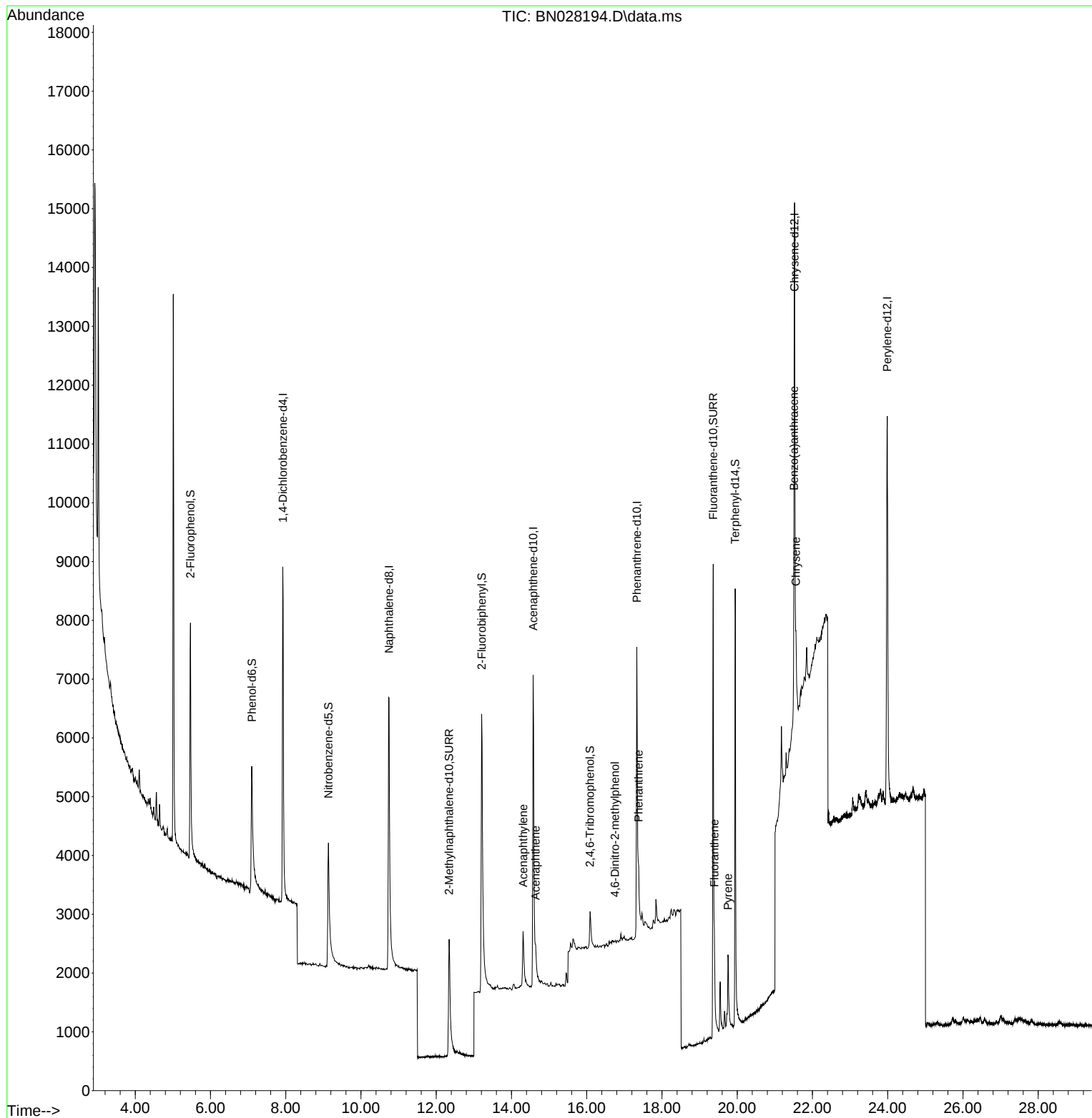
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	3520	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	9893	0.400	ng	0.01
13) Acenaphthene-d10	14.576	164	4720	0.400	ng	0.01
19) Phenanthrene-d10	17.331	188	9371	0.400	ng	0.01
29) Chrysene-d12	21.524	240	9123	0.400	ng	0.00
35) Perylene-d12	23.987	264	10532	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	4038	0.385	ng	0.00
5) Phenol-d6	7.098	99	4036	0.305	ng	0.00
8) Nitrobenzene-d5	9.134	82	3458	0.411	ng	0.01
11) 2-Methylnaphthalene-d10	12.343	152	5696	0.389	ng	0.02
14) 2,4,6-Tribromophenol	16.090	330	516	0.239	ng	0.01
15) 2-Fluorobiphenyl	13.208	172	7241	0.426	ng	0.02
27) Fluoranthene-d10	19.360	212	10672	0.453	ng	0.00
31) Terphenyl-d14	19.946	244	9289	0.436	ng	0.00
Target Compounds						Qvalue
16) Acenaphthylene	14.309	152	2452	0.117	ng	97
17) Acenaphthene	14.640	154	323	0.024	ng	86
20) 4,6-Dinitro-2-methylph...	16.748	198	8	0.064	ng	# 56
25) Phenanthrene	17.381	178	1329	0.053	ng	# 91
28) Fluoranthene	19.393	202	1739	0.060	ng	98
30) Pyrene	19.755	202	1574	0.047	ng	# 88
32) Benzo(a)anthracene	21.506	228	1052	0.034	ng	# 35
33) Chrysene	21.560	228	954	0.032	ng	# 53

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028194.D
Acq On : 10 Oct 2023 13:12
Operator : MA/JU
Sample : PB155970BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155970BL

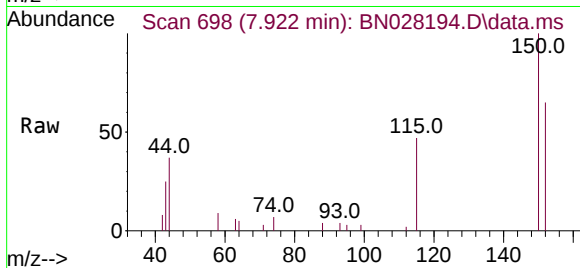
Quant Time: Oct 10 13:41:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration



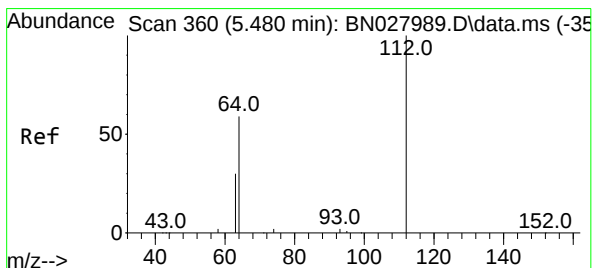
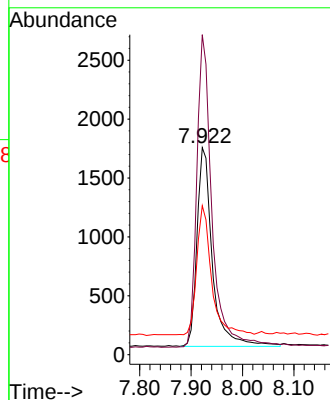
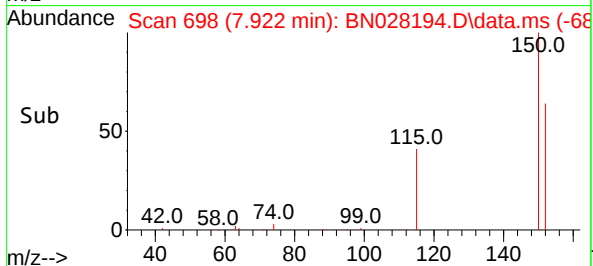


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Instrument :
BNA_N
ClientSampleId :
PB155970BL

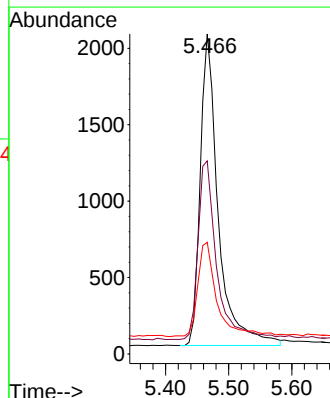
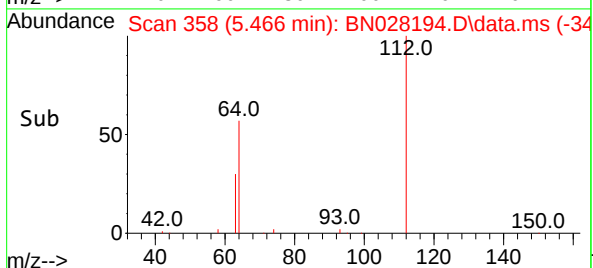
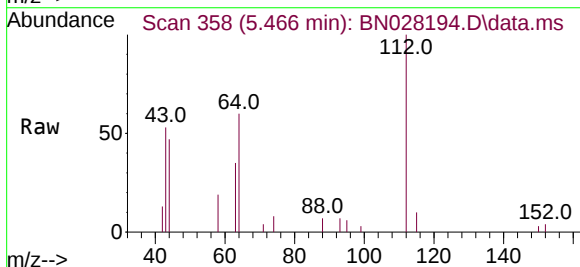


Tgt Ion:152 Resp: 3520
Ion Ratio Lower Upper
152 100
150 154.6 125.6 188.4
115 71.9 54.8 82.2



#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.466 min Scan# 358
Delta R.T. -0.000 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:112 Resp: 4038
Ion Ratio Lower Upper
112 100
64 59.7 45.0 67.6
63 32.5 23.4 35.0

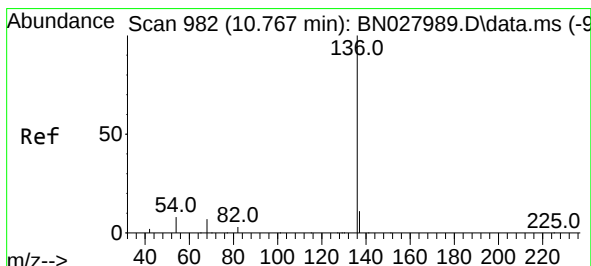
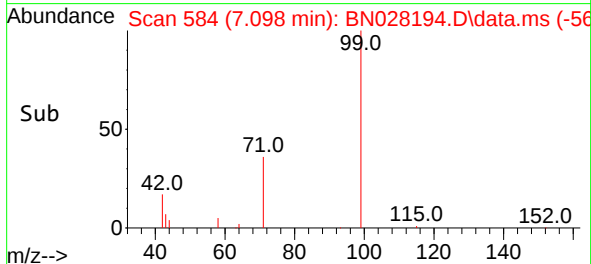
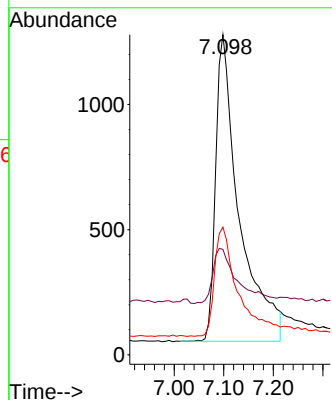
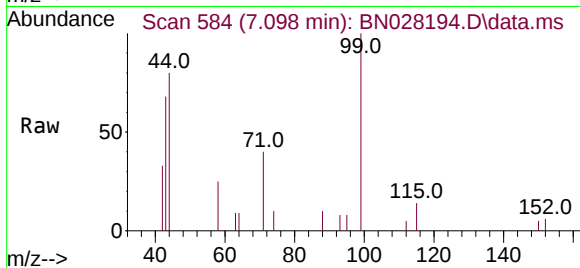




#5
Phenol-d6
Concen: 0.305 ng
RT: 7.098 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

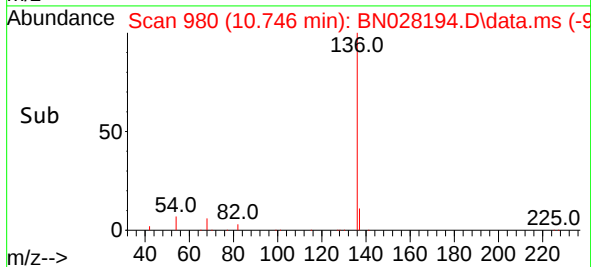
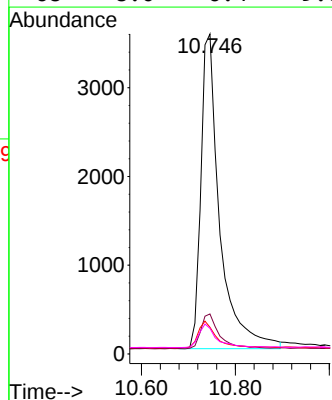
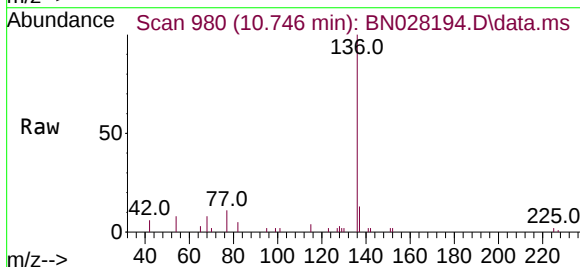
Instrument :
BNA_N
ClientSampleId :
PB155970BL

Tgt Ion:	99	Resp:	4036
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.6	22.0
71	36.2	28.3	42.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.011 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:	136	Resp:	9893
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.4	14.0
54	8.3	7.0	10.6
68	8.0	6.4	9.6

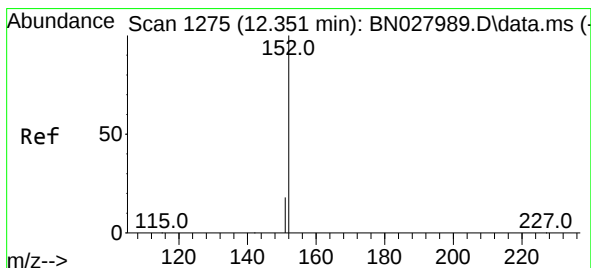
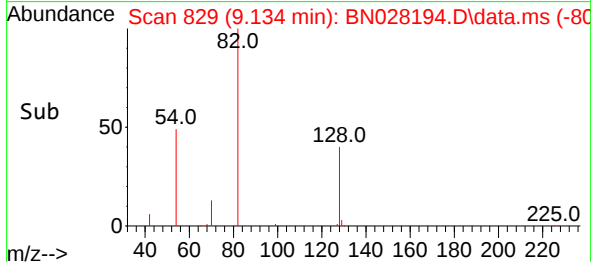
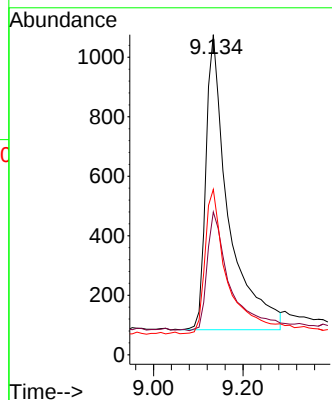
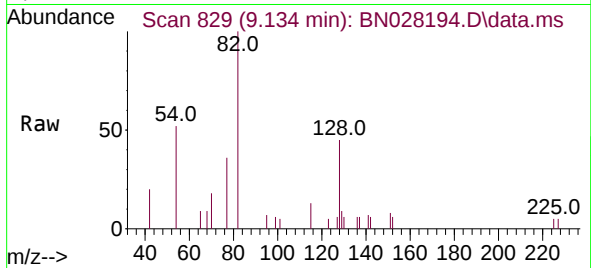




#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 9.134 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

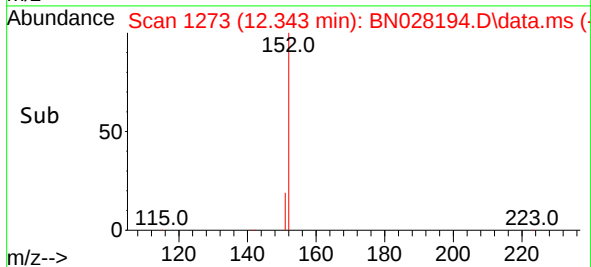
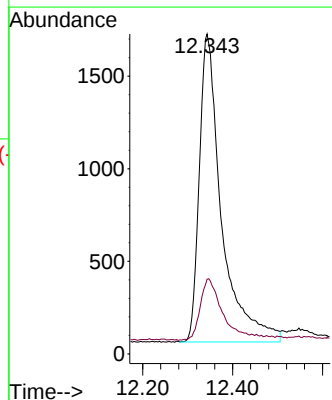
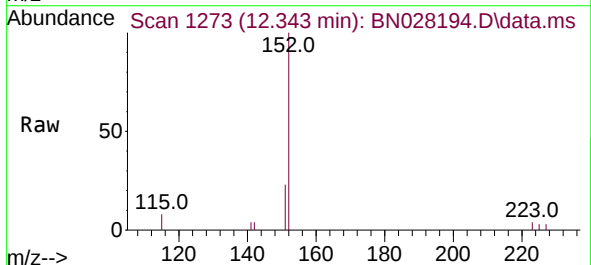
Instrument :
BNA_N
ClientSampleId :
PB155970BL

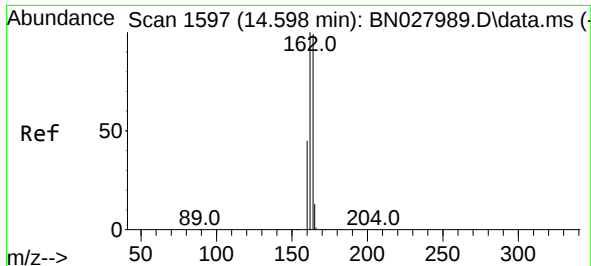
Tgt Ion: 82 Resp: 3458
Ion Ratio Lower Upper
82 100
128 44.6 32.7 49.1
54 51.7 38.7 58.1



#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.343 min Scan# 1273
Delta R.T. 0.019 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion: 152 Resp: 5696
Ion Ratio Lower Upper
152 100
151 19.8 16.5 24.7

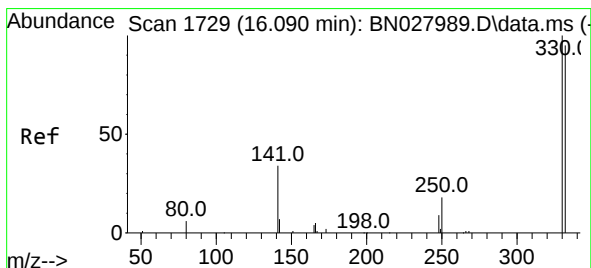
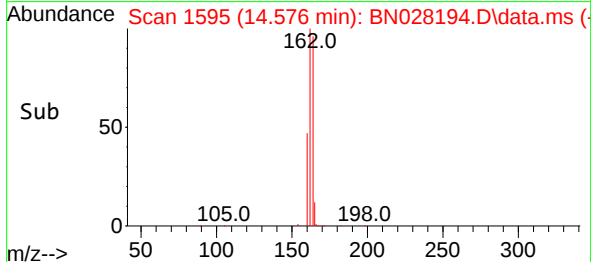
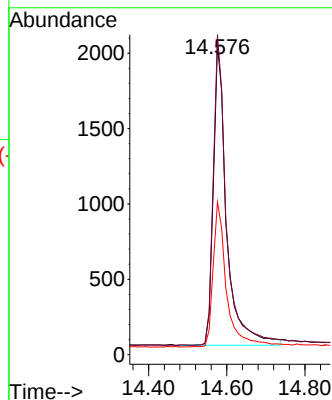
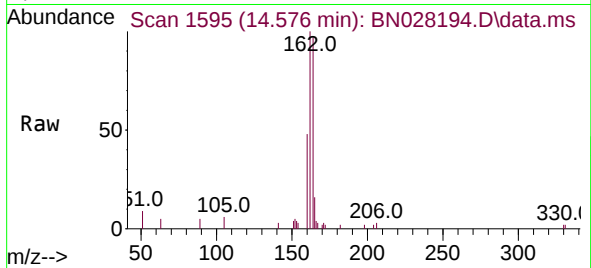




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.576 min Scan# 1595
Delta R.T. 0.011 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

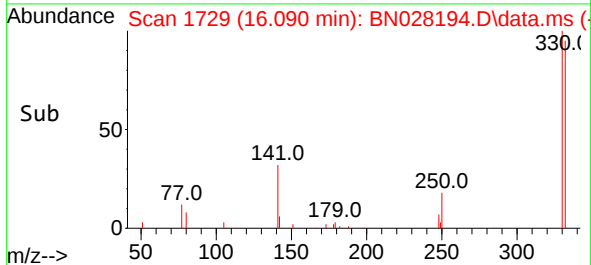
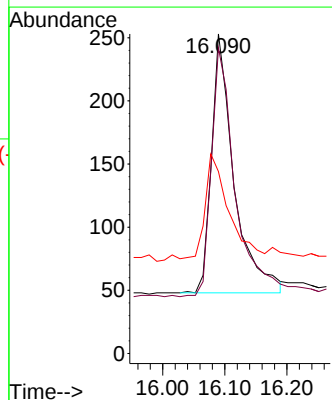
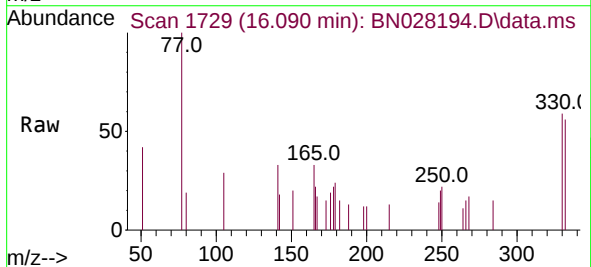
Instrument :
BNA_N
ClientSampleId :
PB155970BL

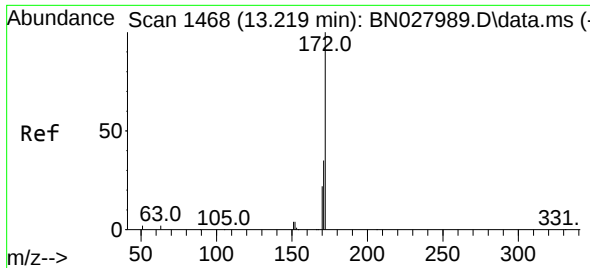
Tgt Ion:164 Resp: 4720
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 49.3 36.4 54.6



#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 16.090 min Scan# 1729
Delta R.T. 0.012 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:330 Resp: 516
Ion Ratio Lower Upper
330 100
332 102.1 78.1 117.1
141 41.7 33.4 50.2

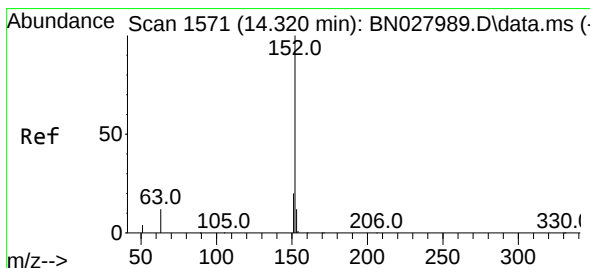
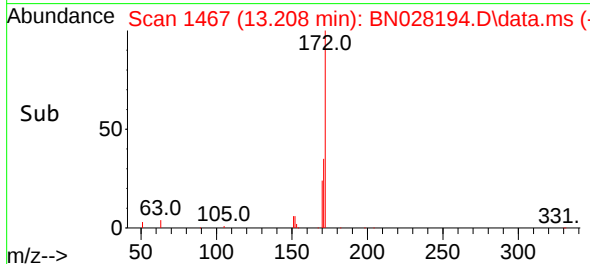
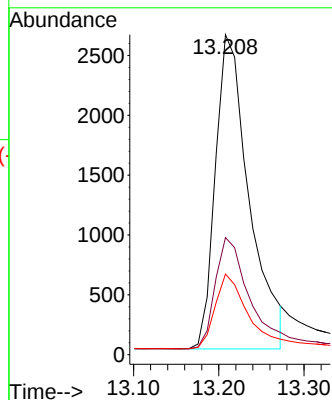
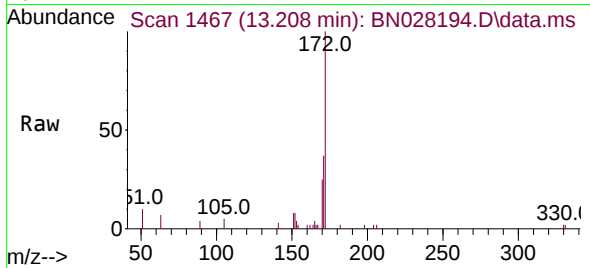




#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 13.208 min Scan# 1467
Delta R.T. 0.021 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

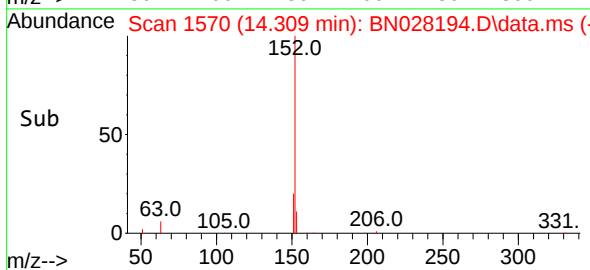
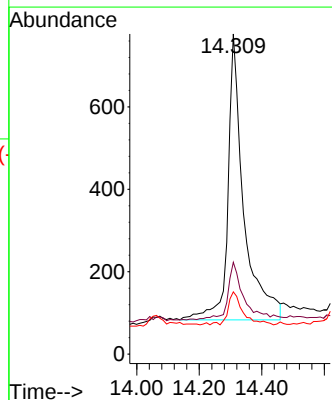
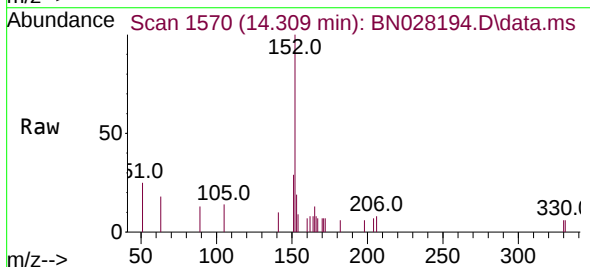
Instrument :
BNA_N
ClientSampleId :
PB155970BL

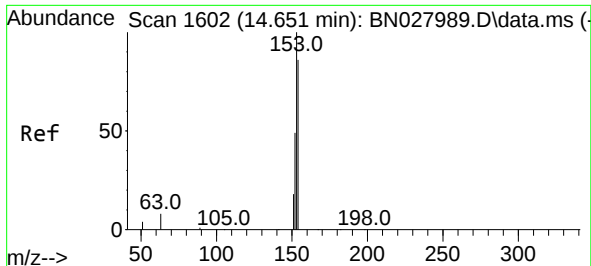
Tgt Ion:	172	Resp:	7241
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.1	42.1
170	25.2	18.4	27.6



#16
Acenaphthylene
Concen: 0.117 ng
RT: 14.309 min Scan# 1570
Delta R.T. 0.011 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:	152	Resp:	2452
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.8	23.6
153	10.6	10.2	15.4

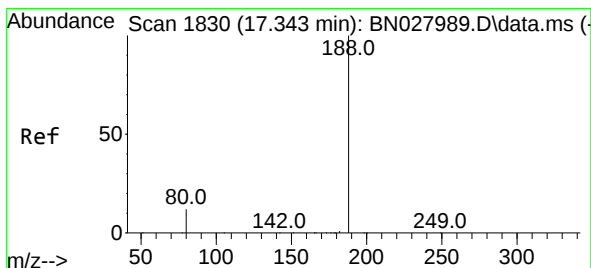
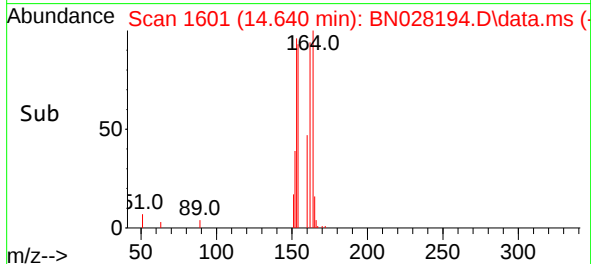
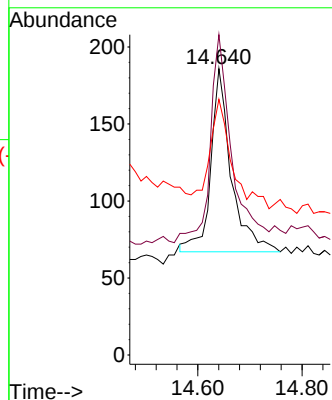
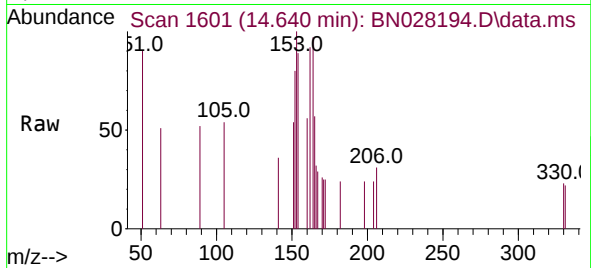




#17
Acenaphthene
Concen: 0.024 ng
RT: 14.640 min Scan# 1602
Delta R.T. 0.011 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

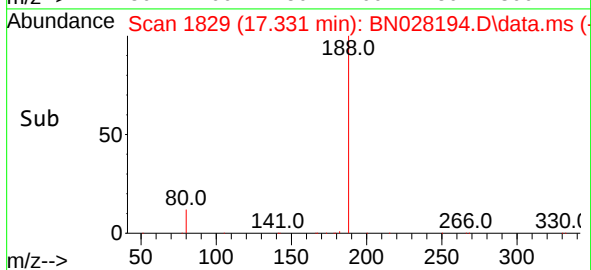
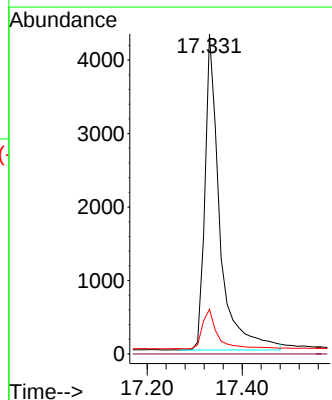
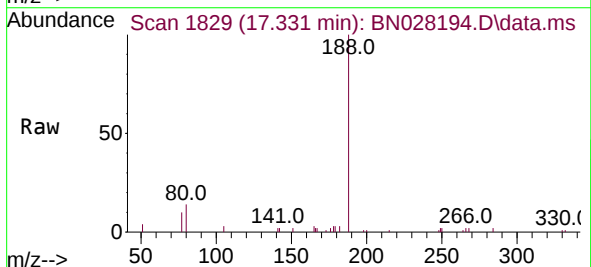
Instrument :
BNA_N
ClientSampleId :
PB155970BL

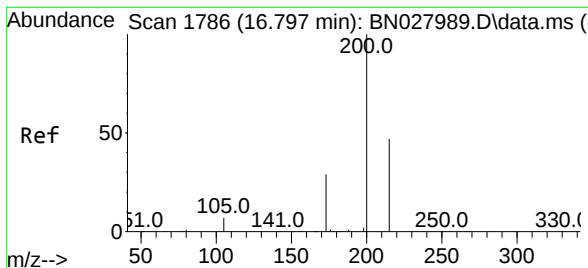
Tgt Ion:154 Resp: 323
Ion Ratio Lower Upper
154 100
153 98.8 90.8 136.2
152 65.6 43.9 65.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 1829
Delta R.T. 0.012 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:188 Resp: 9371
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 10.2 15.4

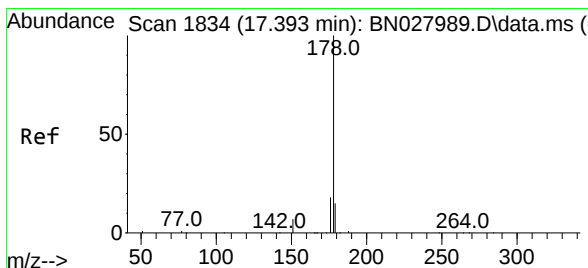
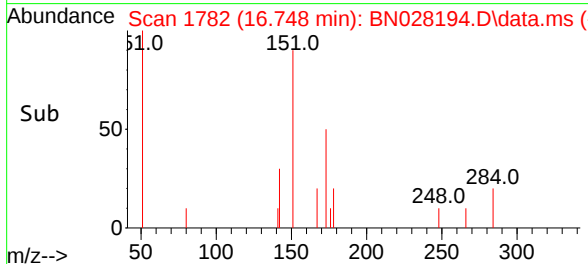
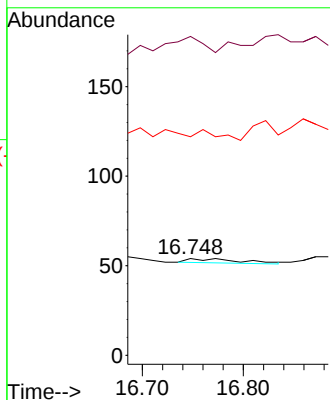
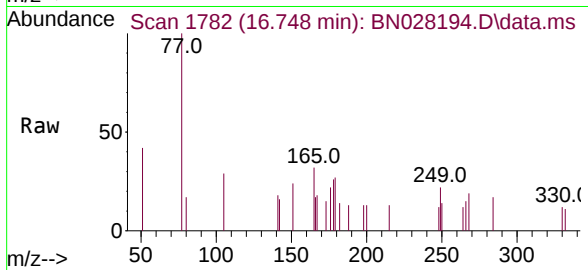




#20
4,6-Dinitro-2-methylphenol
Concen: 0.064 ng
RT: 16.748 min Scan# 11
Delta R.T. -0.037 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

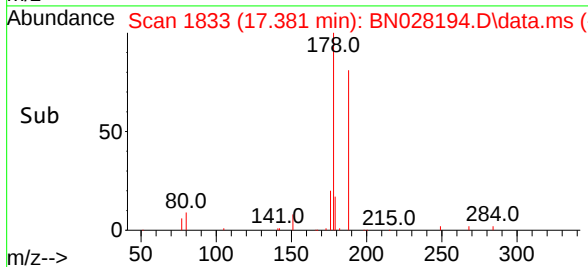
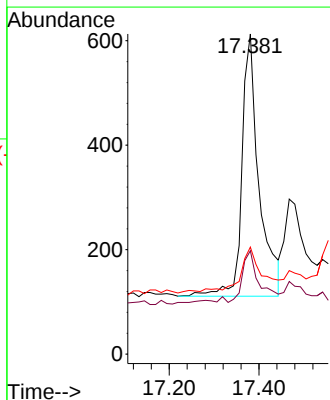
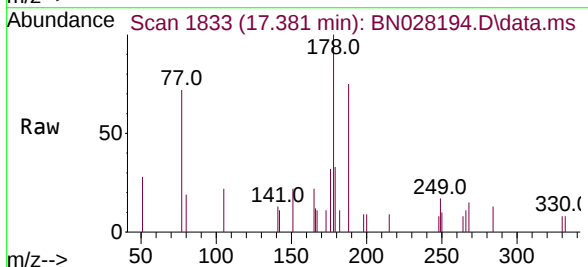
Instrument :
BNA_N
ClientSampleId :
PB155970BL

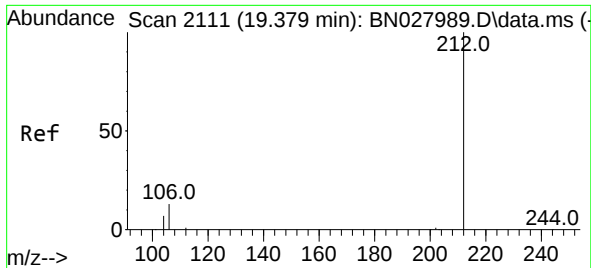
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 329.6 180.7 271.1#
105 225.9 222.2 333.2



#25
Phenanthrene
Concen: 0.053 ng
RT: 17.381 min Scan# 1833
Delta R.T. 0.012 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:178 Resp: 1329
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 23.6 12.4 18.6#

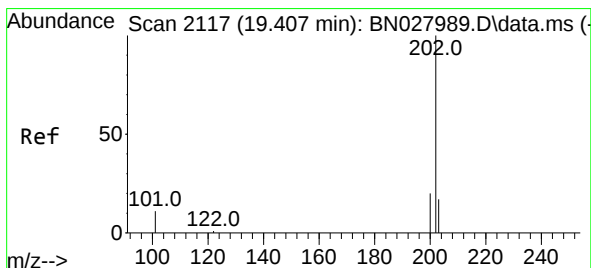
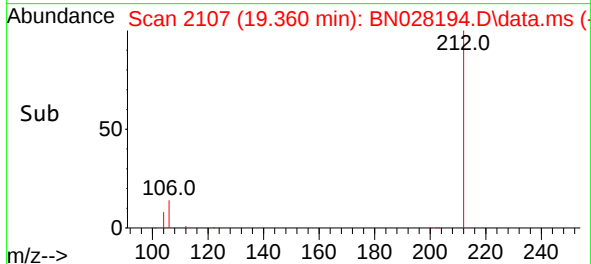
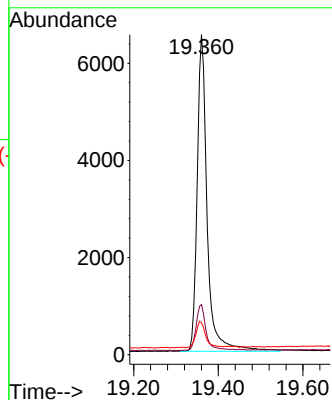
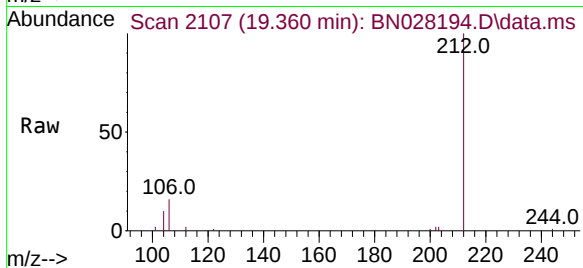




#27
Fluoranthene-d10
Concen: 0.453 ng
RT: 19.360 min Scan# 2110
Delta R.T. 0.005 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

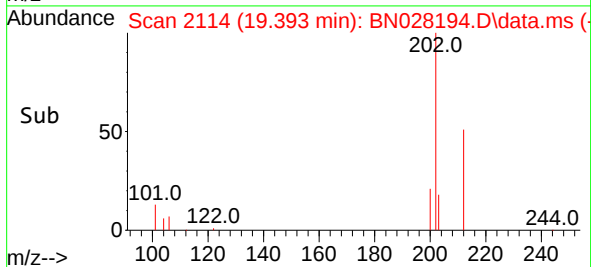
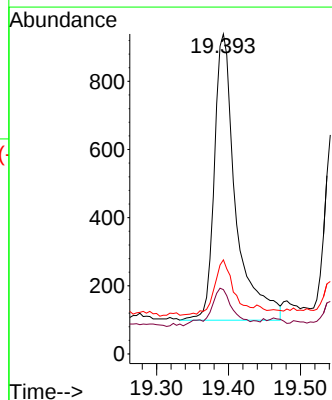
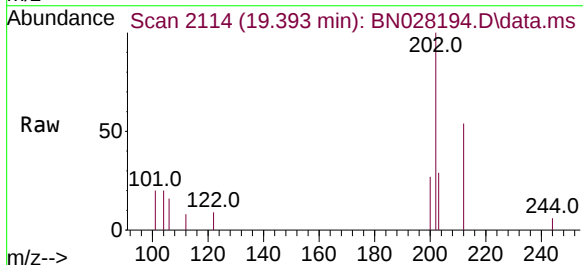
Instrument :
BNA_N
ClientSampleId :
PB155970BL

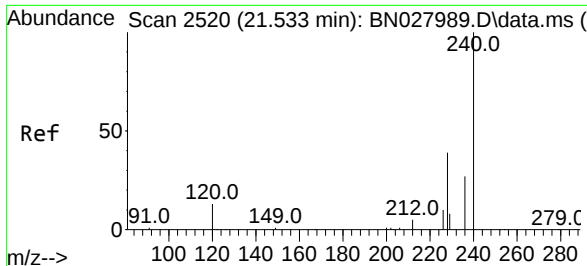
Tgt Ion:212 Resp: 10672
Ion Ratio Lower Upper
212 100
106 14.4 11.3 16.9
104 8.0 6.4 9.6



#28
Fluoranthene
Concen: 0.060 ng
RT: 19.393 min Scan# 2114
Delta R.T. 0.009 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:202 Resp: 1739
Ion Ratio Lower Upper
202 100
101 13.6 9.8 14.6
203 17.2 13.8 20.8

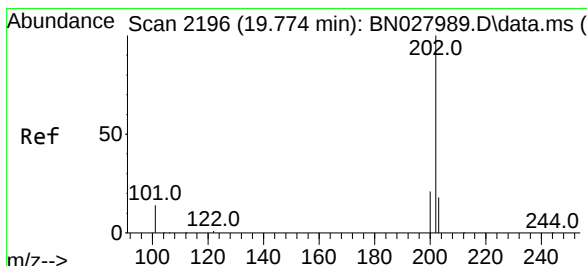
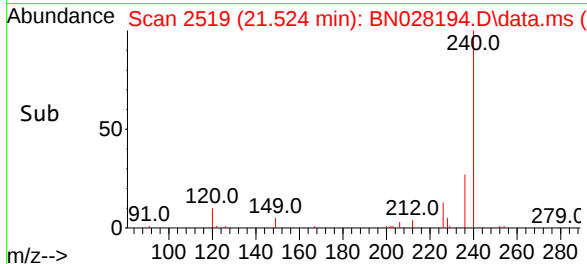
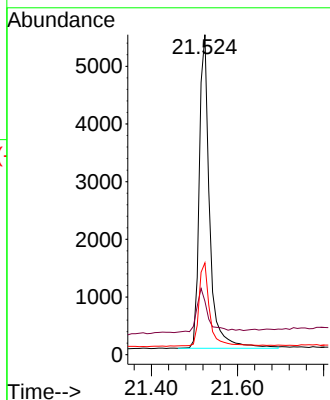
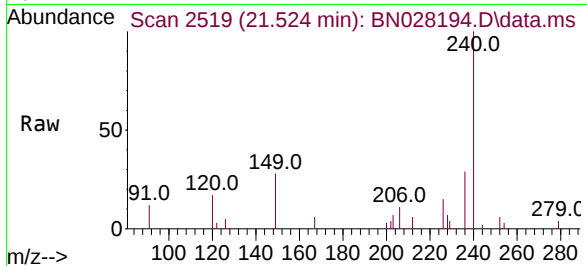




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2119
Delta R.T. 0.009 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

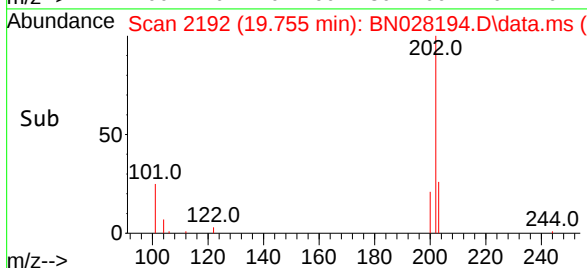
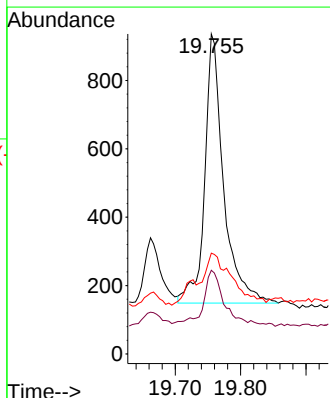
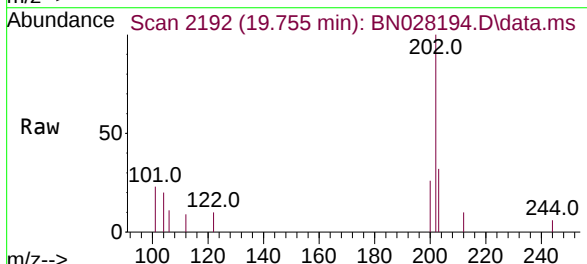
Instrument :
BNA_N
ClientSampleId :
PB155970BL

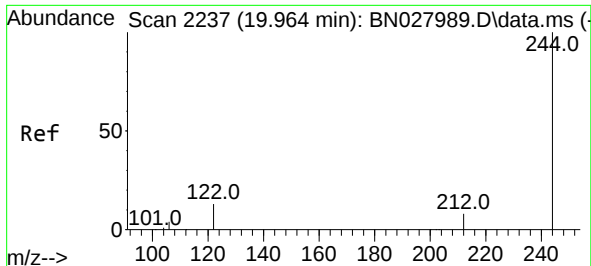
Tgt Ion:240 Resp: 9123
Ion Ratio Lower Upper
240 100
120 16.7 13.8 20.6
236 28.7 22.6 33.8



#30
Pyrene
Concen: 0.047 ng
RT: 19.755 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BN028194.D
Acq: 10 Oct 2023 13:12

Tgt Ion:202 Resp: 1574
Ion Ratio Lower Upper
202 100
200 24.4 16.5 24.7
203 25.7 14.7 22.1#

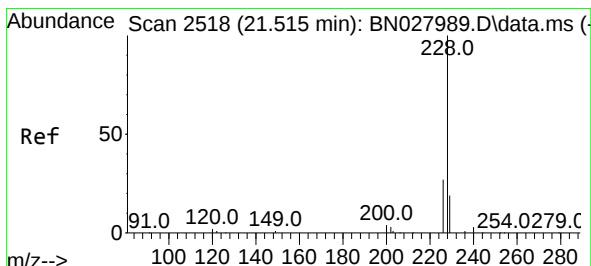
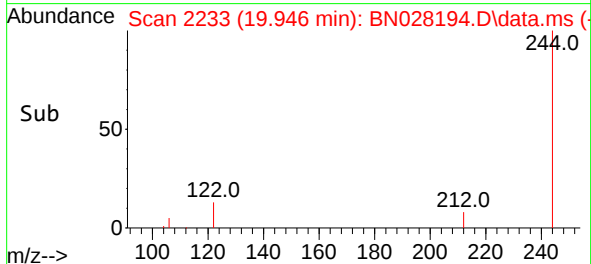
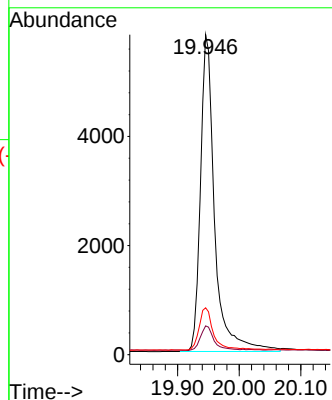
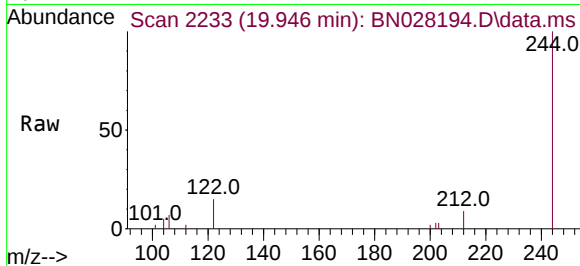




#31
 Terphenyl-d14
 Concen: 0.436 ng
 RT: 19.946 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN028194.D
 Acq: 10 Oct 2023 13:12

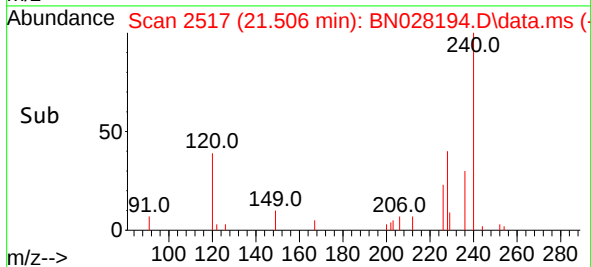
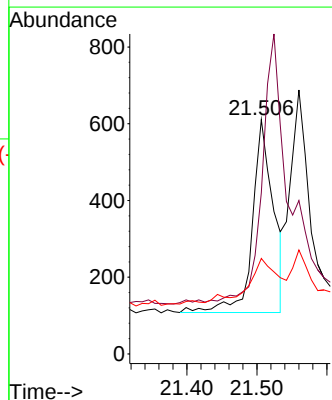
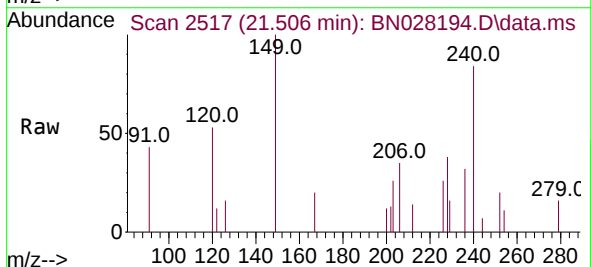
Instrument :
 BNA_N
 ClientSampleId :
 PB155970BL

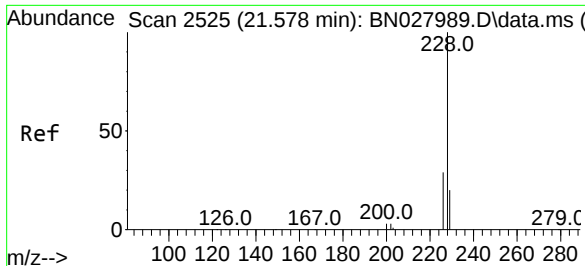
Tgt Ion:244 Resp: 9289
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.6 9.8
 122 14.7 11.4 17.0



#32
 Benzo(a)anthracene
 Concen: 0.034 ng
 RT: 21.506 min Scan# 2517
 Delta R.T. 0.009 min
 Lab File: BN028194.D
 Acq: 10 Oct 2023 13:12

Tgt Ion:228 Resp: 1052
 Ion Ratio Lower Upper
 228 100
 226 68.7 22.0 33.0#
 229 40.8 16.0 24.0#





#33

Chrysene

Concen: 0.032 ng

RT: 21.560 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN028194.D

Acq: 10 Oct 2023 13:12

Instrument :

BNA_N

ClientSampleId :

PB155970BL

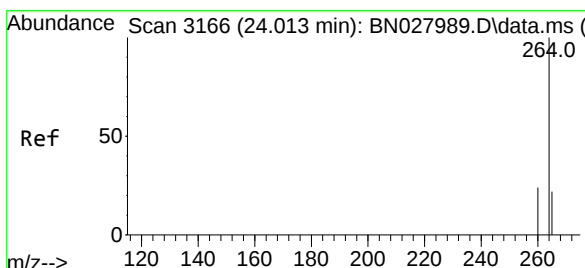
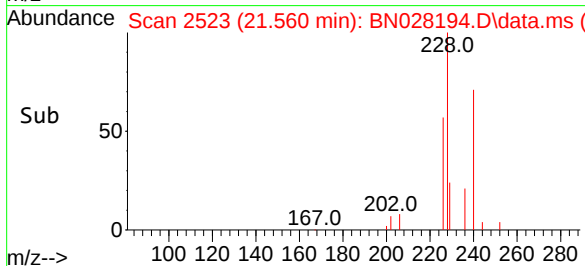
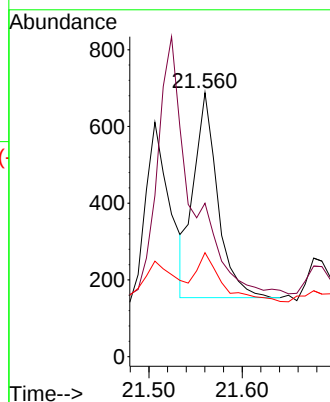
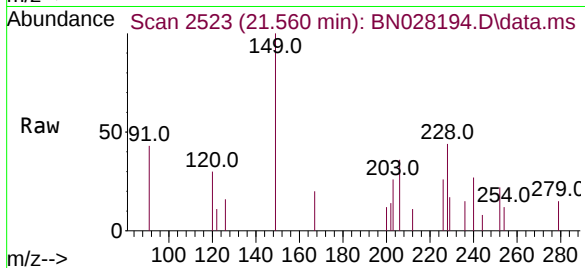
Tgt Ion:228 Resp: 954

Ion Ratio Lower Upper

228 100

226 58.1 23.8 35.8#

229 39.4 16.6 25.0#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.987 min Scan# 3157

Delta R.T. 0.012 min

Lab File: BN028194.D

Acq: 10 Oct 2023 13:12

Tgt Ion:264 Resp: 10532

Ion Ratio Lower Upper

264 100

260 26.1 20.2 30.4

265 79.3 54.8 82.2

