

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027608.D
 Acq On : 12 Sep 2023 13:48
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 110 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 12 15:22:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

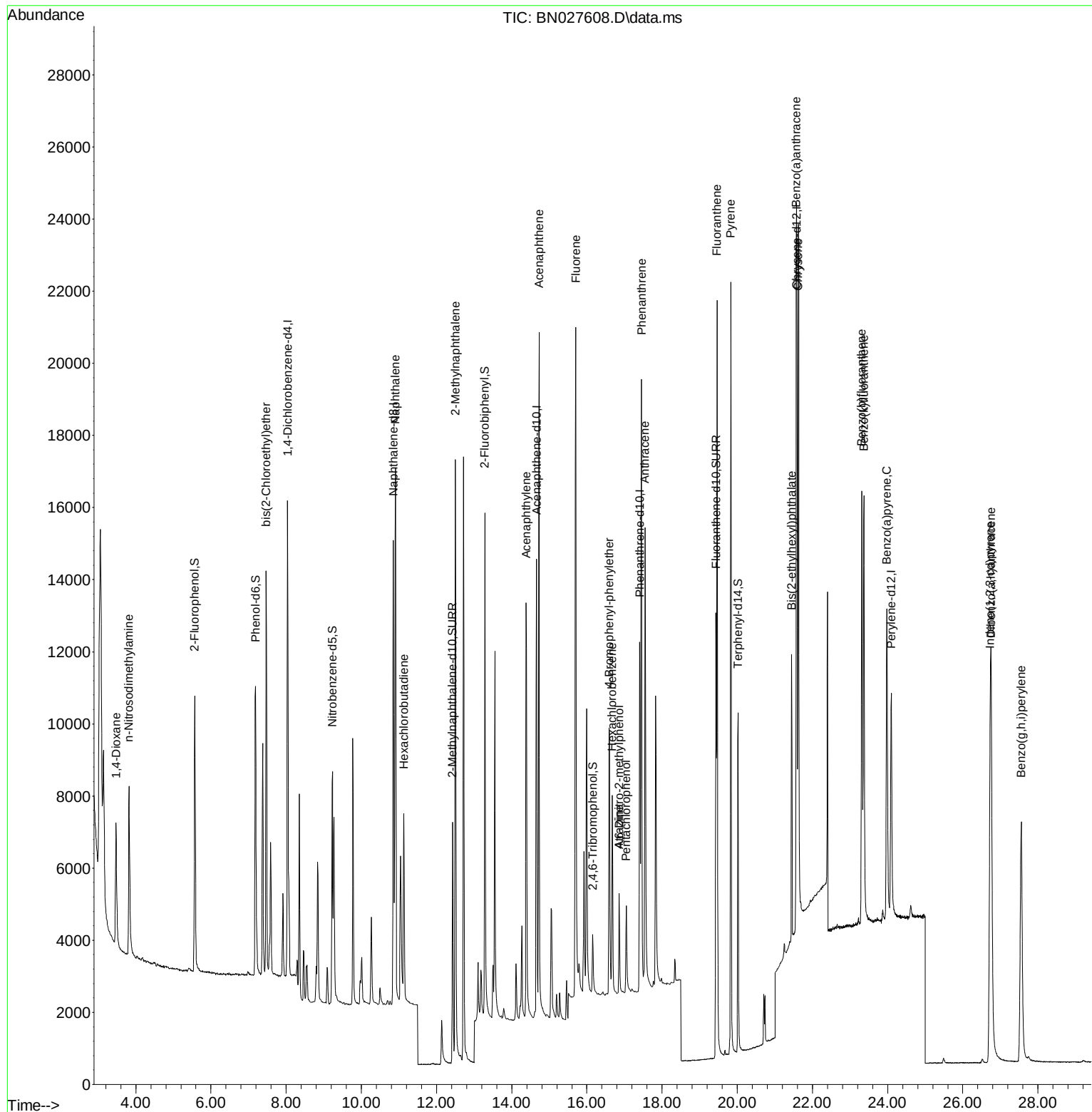
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6763	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	17594	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	7804	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	15332	0.400	ng	0.00
29) Chrysene-d12	21.587	240	11239	0.400	ng	0.00
35) Perylene-d12	24.095	264	10410	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	7737	0.439	ng	0.00
5) Phenol-d6	7.185	99	8700	0.406	ng	0.00
8) Nitrobenzene-d5	9.230	82	6138	0.479	ng	0.00
11) 2-Methylnaphthalene-d10	12.426	152	9971	0.386	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1070	0.370	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	14366	0.484	ng	-0.01
27) Fluoranthene-d10	19.435	212	15013	0.394	ng	0.00
31) Terphenyl-d14	20.020	244	10275	0.455	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	3527	0.427	ng	93
3) n-Nitrosodimethylamine	3.819	42	3722	0.425	ng	92
6) bis(2-Chloroethyl)ether	7.467	93	8434	0.407	ng	99
9) Naphthalene	10.906	128	20747	0.432	ng	99
10) Hexachlorobutadiene	11.130	225	3980	0.445	ng	# 99
12) 2-Methylnaphthalene	12.502	142	12912	0.378	ng	99
16) Acenaphthylene	14.384	152	14596	0.411	ng	99
17) Acenaphthene	14.726	154	10267	0.433	ng	99
18) Fluorene	15.705	166	12854	0.407	ng	99
20) 4,6-Dinitro-2-methylph...	16.859	198	95	0.435	ng	# 74
21) 4-Bromophenyl-phenylether	16.599	248	3772	0.467	ng	99
22) Hexachlorobenzene	16.673	284	4324	0.451	ng	99
23) Atrazine	16.859	200	2441	0.403	ng	96
24) Pentachlorophenol	17.046	266	1451	0.393	ng	98
25) Phenanthrene	17.455	178	19376	0.430	ng	100
26) Anthracene	17.542	178	15974	0.417	ng	99
28) Fluoranthene	19.463	202	20445	0.386	ng	100
30) Pyrene	19.830	202	20511	0.459	ng	100
32) Benzo(a)anthracene	21.569	228	17162	0.445	ng	100
33) Chrysene	21.623	228	18587	0.439	ng	99
34) Bis(2-ethylhexyl)phtha...	21.444	149	7011	0.377	ng	99
36) Indeno(1,2,3-cd)pyrene	26.729	276	19156	0.453	ng	99
37) Benzo(b)fluoranthene	23.312	252	17373	0.431	ng	98
38) Benzo(k)fluoranthene	23.367	252	17409	0.420	ng	98
39) Benzo(a)pyrene	23.978	252	15218	0.404	ng	98
40) Dibenzo(a,h)anthracene	26.756	278	15436	0.466	ng	98
41) Benzo(g,h,i)perylene	27.554	276	17480	0.455	ng	98

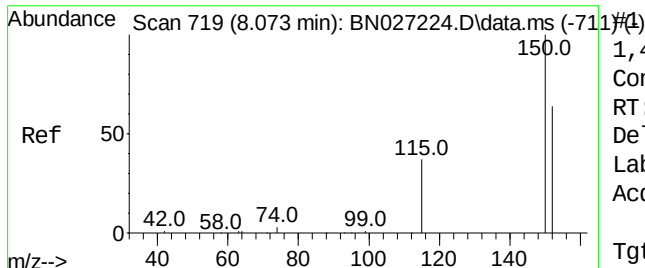
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
Data File : BN027608.D
Acq On : 12 Sep 2023 13:48
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 110 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 12 15:22:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.037 min Scan#

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

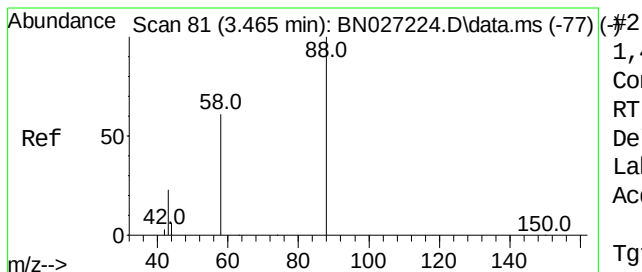
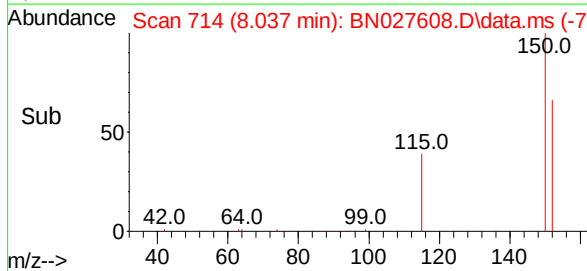
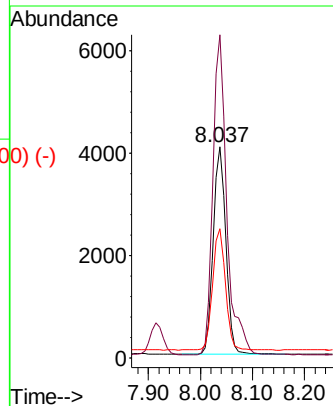
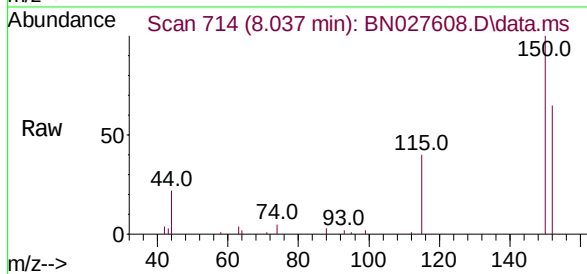
Tgt Ion:152 Resp: 6763

Ion Ratio Lower Upper

152 100

150 153.2 122.7 184.1

115 61.3 48.6 73.0



1,4-Dioxane

Concen: 0.427 ng

RT: 3.473 min Scan# 82

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

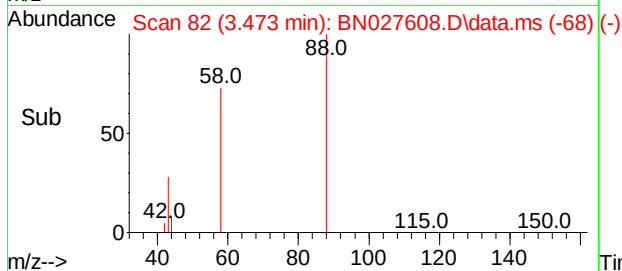
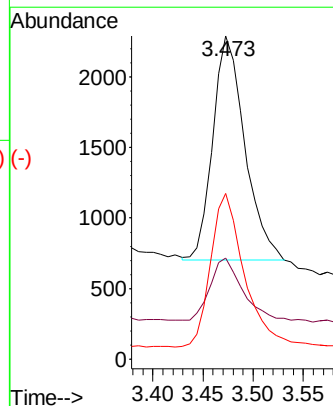
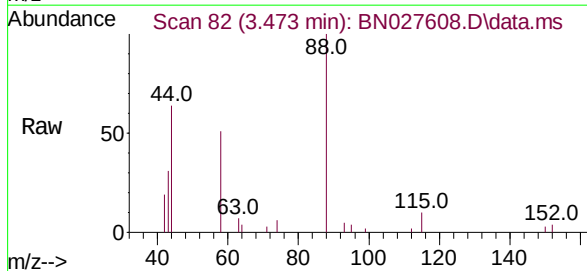
Tgt Ion: 88 Resp: 3527

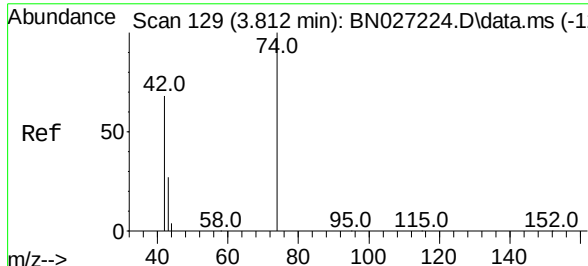
Ion Ratio Lower Upper

88 100

43 27.6 19.1 28.7

58 71.1 52.2 78.2

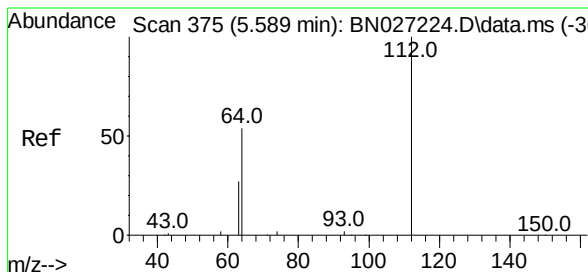
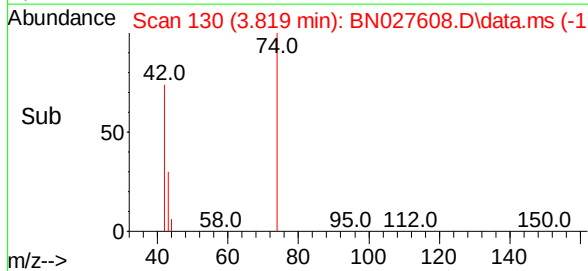
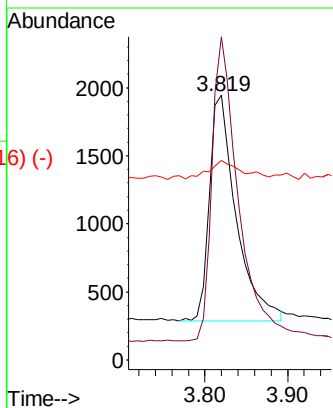
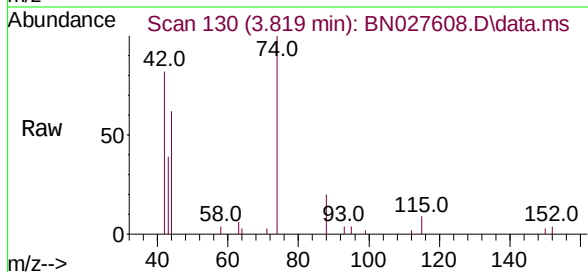




n-Nitrosodimethylamine
 Concen: 0.425 ng
 RT: 3.819 min Scan# 129
 Delta R.T. 0.000 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

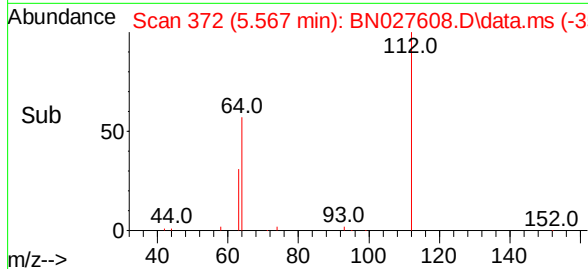
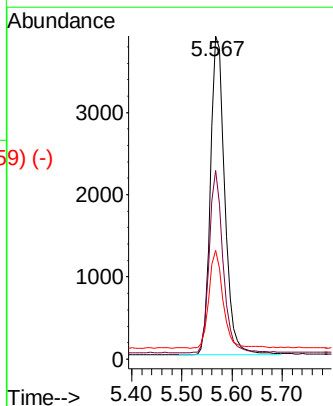
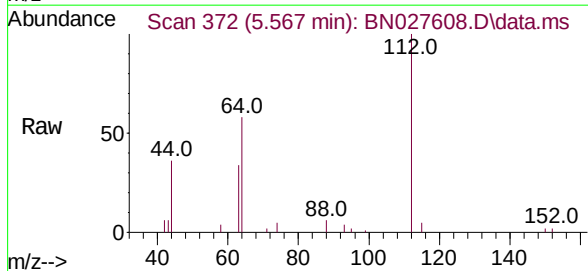
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

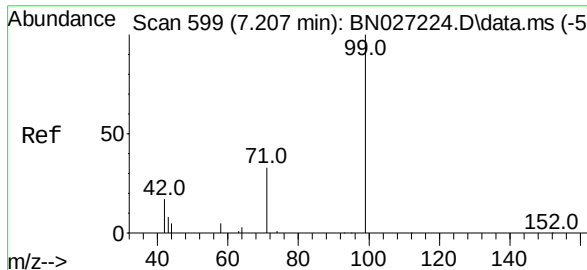
Tgt Ion: 42 Resp: 3722
 Ion Ratio Lower Upper
 42 100
 74 132.3 113.8 170.8
 44 9.9 7.3 10.9



2-Fluorophenol
 Concen: 0.439 ng
 RT: 5.567 min Scan# 372
 Delta R.T. -0.007 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

Tgt Ion: 112 Resp: 7737
 Ion Ratio Lower Upper
 112 100
 64 55.4 44.4 66.6
 63 30.2 23.1 34.7





Phenol-d6

Concen: 0.406 ng

RT: 7.185 min Scan# 635

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

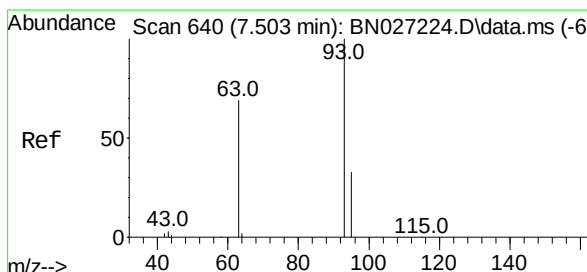
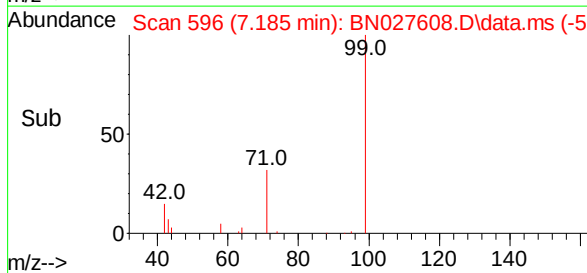
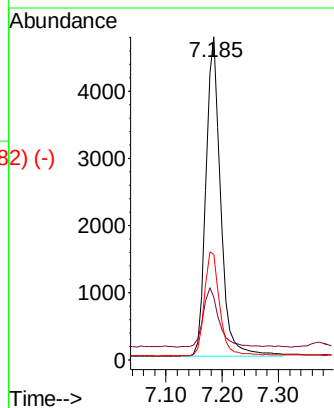
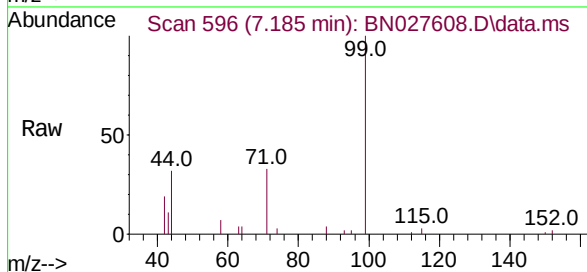
Tgt Ion: 99 Resp: 8700

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 33.9 25.8 38.6



bis(2-Chloroethyl)ether

Concen: 0.407 ng

RT: 7.467 min Scan# 635

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

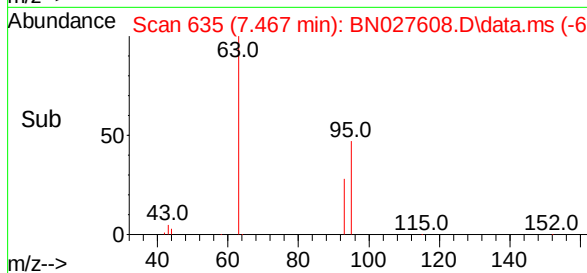
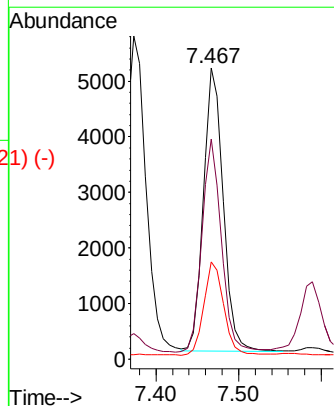
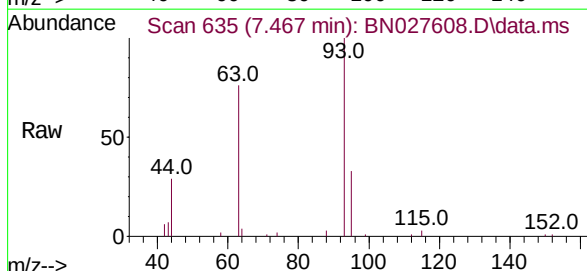
Tgt Ion: 93 Resp: 8434

Ion Ratio Lower Upper

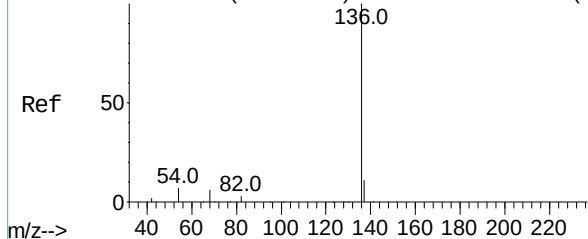
93 100

63 74.2 58.5 87.7

95 32.8 26.1 39.1



Abundance Scan 994 (10.895 min): BN027224.D\data.ms (-987) (-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.853 min Scan# 990

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 17594

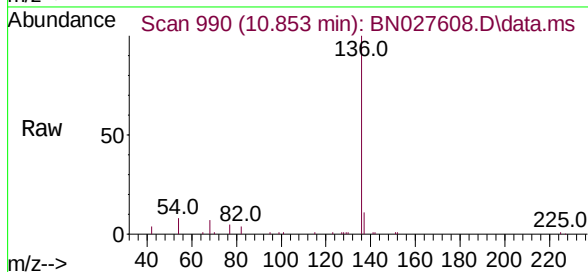
Ion Ratio Lower Upper

136 100

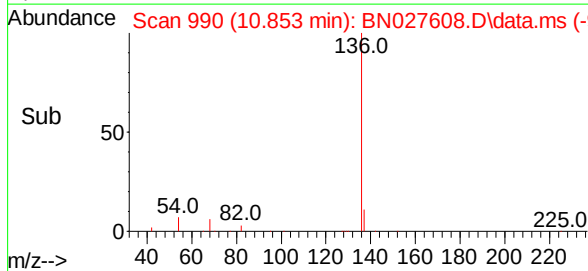
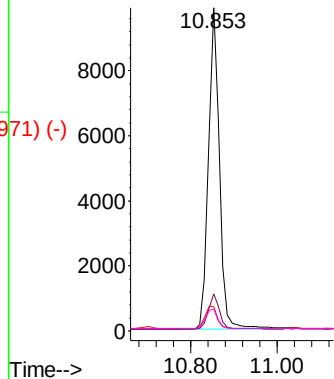
137 11.5 9.3 13.9

54 7.5 6.7 10.1

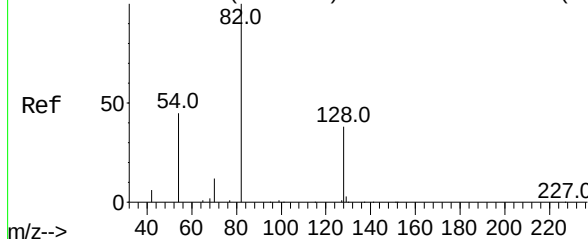
68 6.7 6.1 9.1



Abundance



Abundance Scan 841 (9.262 min): BN027224.D\data.ms (-834) (-)



Nitrobenzene-d5

Concen: 0.479 ng

RT: 9.230 min Scan# 838

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

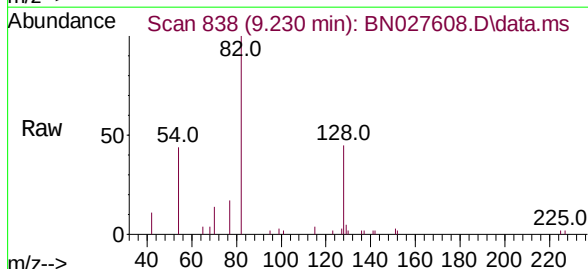
Tgt Ion: 82 Resp: 6138

Ion Ratio Lower Upper

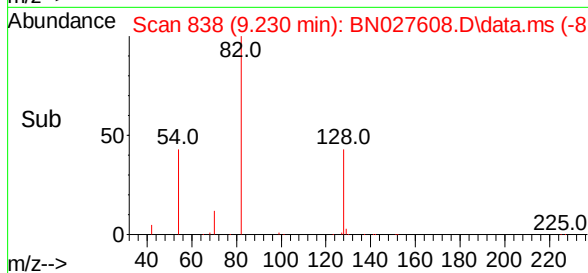
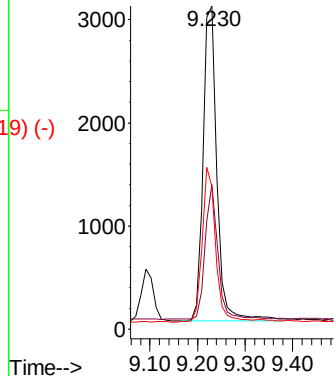
82 100

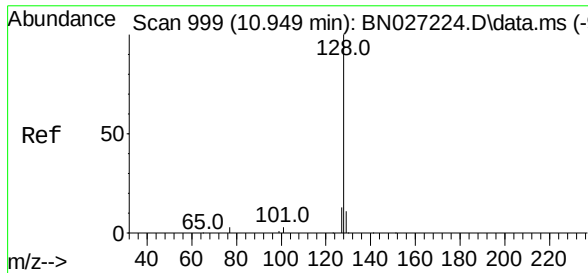
128 44.7 33.4 50.0

54 44.2 37.7 56.5



Abundance

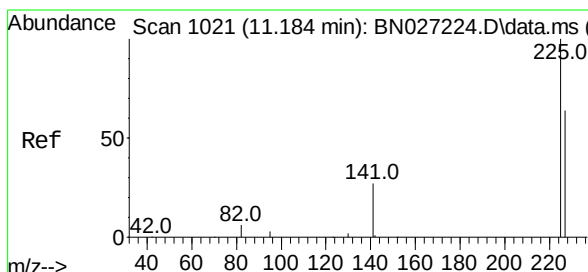
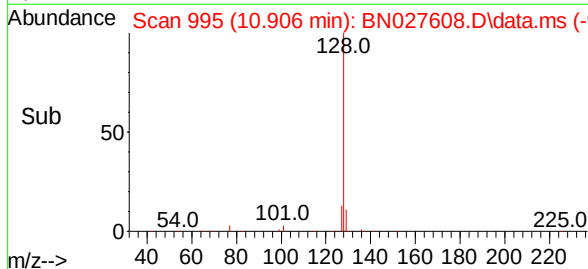
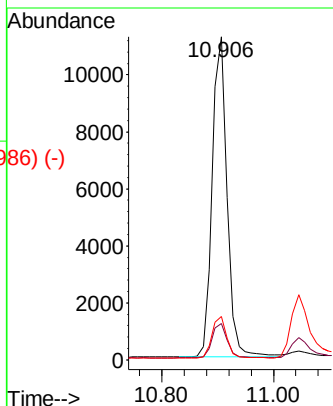
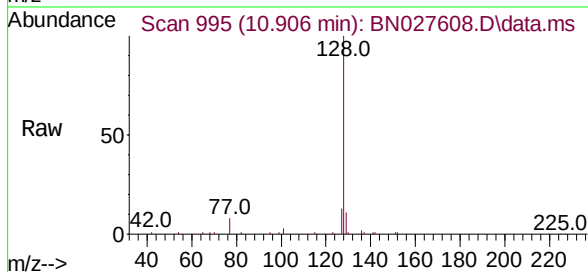




Scan 999 (10.949 min): BN027224.D\data.ms (-999) (-)
 Naphthalene
 Concen: 0.432 ng
 RT: 10.906 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

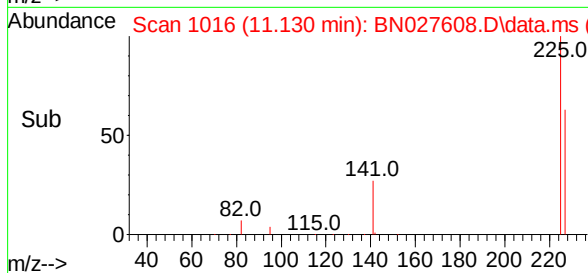
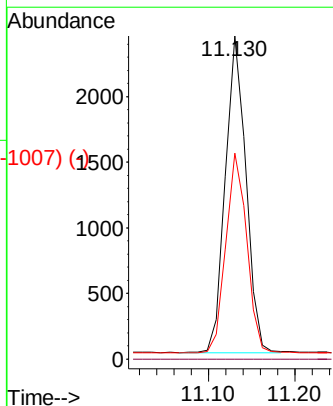
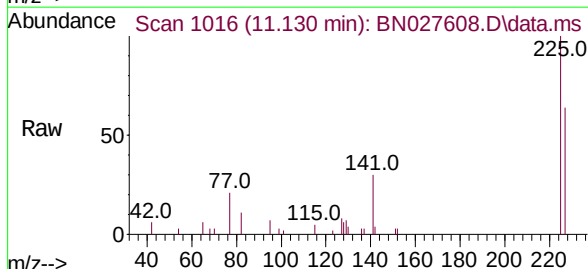
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

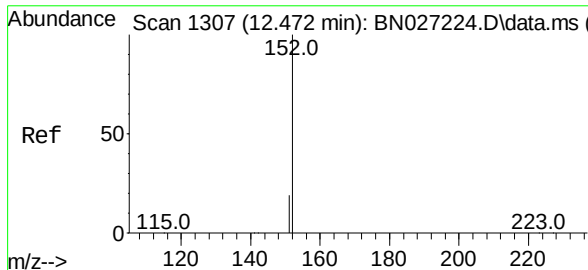
Tgt Ion:	128	Resp:	20747
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	13.4	10.6	15.8



Scan 1021 (11.184 min): BN027224.D\data.ms (-1015) (-)
 Hexachlorobutadiene
 Concen: 0.445 ng
 RT: 11.130 min Scan# 1016
 Delta R.T. 0.000 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

Tgt Ion:	225	Resp:	3980
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.6	75.8

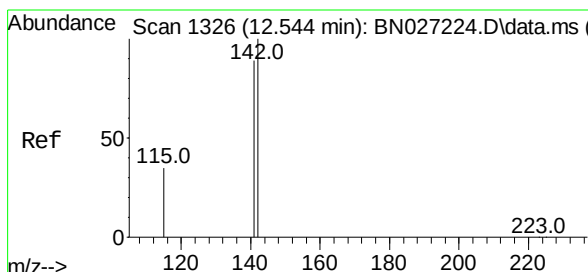
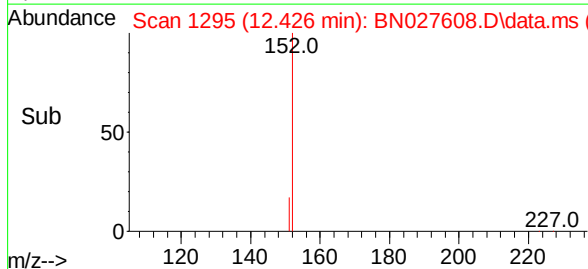
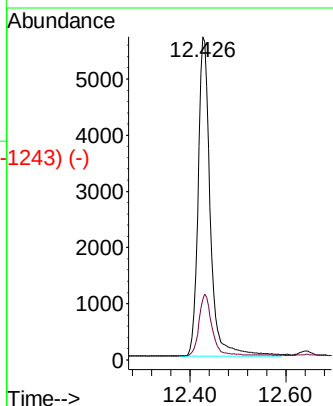
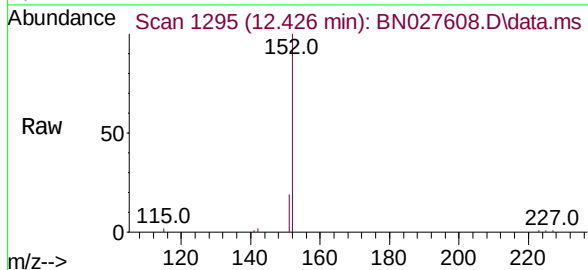




Scan 1307 (12.472 min): BN027224.D\data.ms (-1293) (-)
 2-Methylnaphthalene-d10
 Concen: 0.386 ng
 RT: 12.426 min Scan# 1295
 Delta R.T. -0.004 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

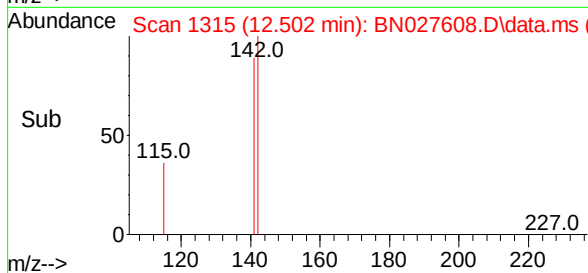
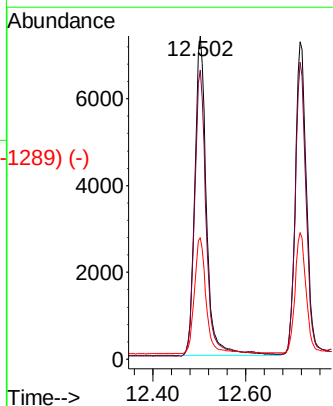
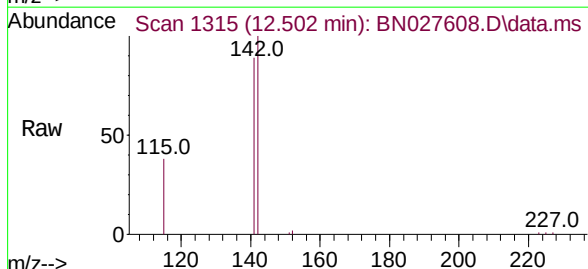
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:152 Resp: 9971
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.6 25.0

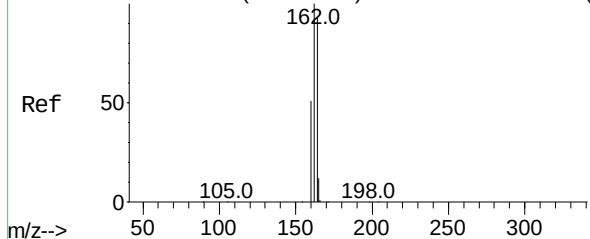


Scan 1326 (12.544 min): BN027224.D\data.ms (-1313) (-)
 2-Methylnaphthalene
 Concen: 0.378 ng
 RT: 12.502 min Scan# 1315
 Delta R.T. 0.000 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

Tgt Ion:142 Resp: 12912
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.1 106.7
 115 37.5 29.6 44.4



Abundance Scan 1606 (14.694 min): BN027224.D\data.ms (-1606) (-)



Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

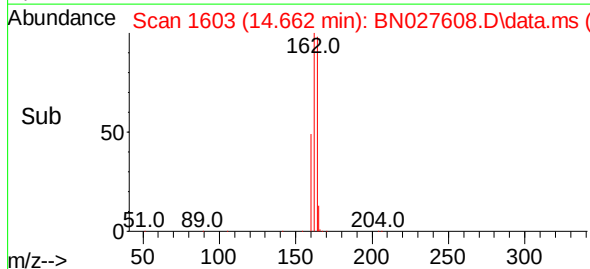
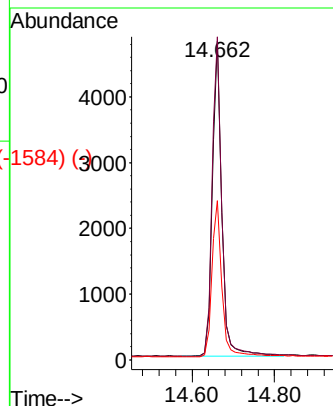
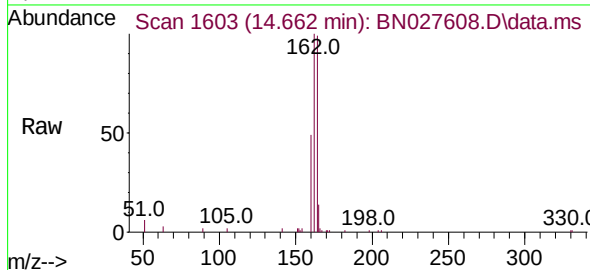
Tgt Ion:164 Resp: 7804

Ion Ratio Lower Upper

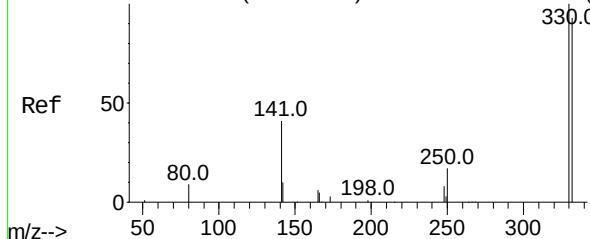
164 100

162 101.5 85.8 128.8

160 50.0 44.2 66.2



Abundance Scan 1737 (16.189 min): BN027224.D\data.ms (-1737) (-)



2,4,6-Tribromophenol

Concen: 0.370 ng

RT: 16.152 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

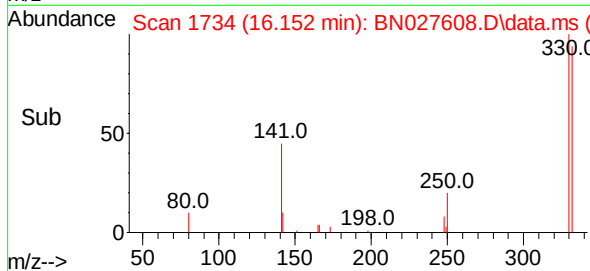
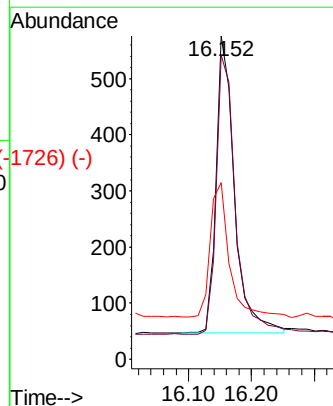
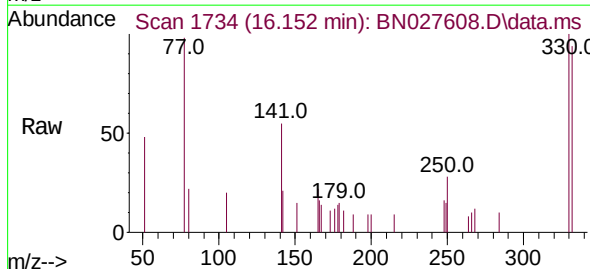
Tgt Ion:330 Resp: 1070

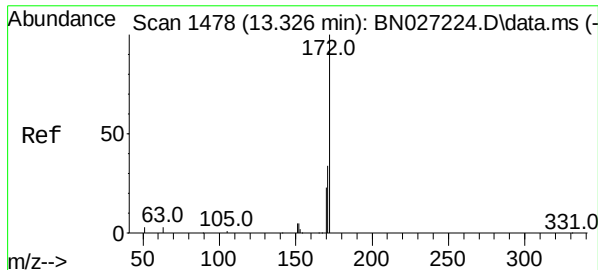
Ion Ratio Lower Upper

330 100

332 98.0 75.2 112.8

141 47.4 36.2 54.4





Scan 1478 (13.326 min): BN027224.D\data.ms (-1478) (-)
 2-Fluorobiphenyl
 Concen: 0.484 ng
 RT: 13.283 min Scan# 1478
 Delta R.T. -0.011 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

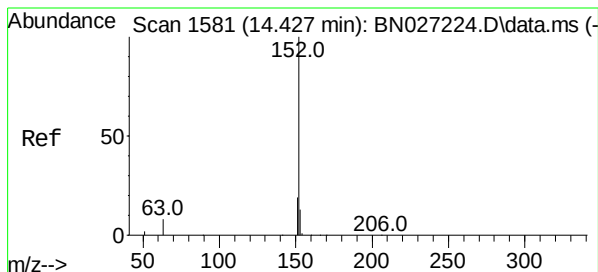
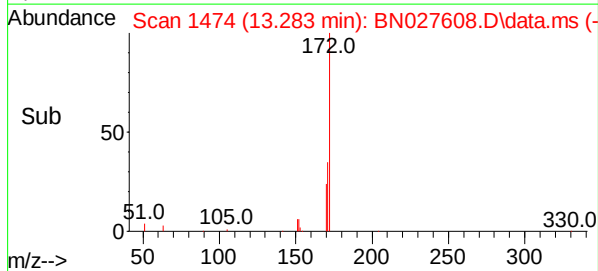
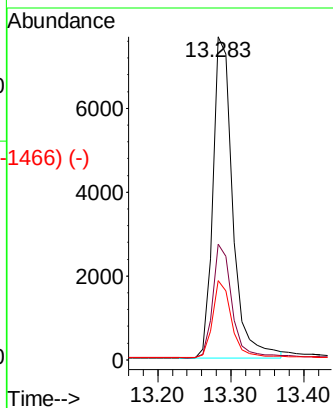
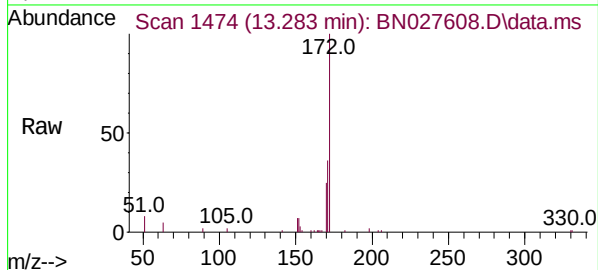
Instrument :

BNA_N

ClientSampleId :

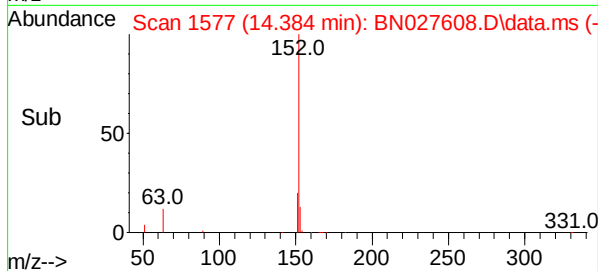
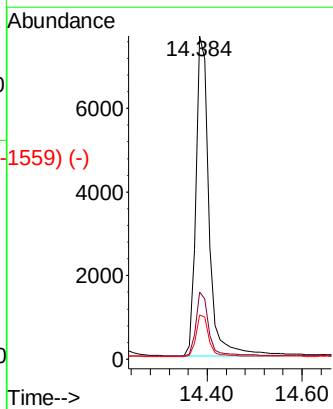
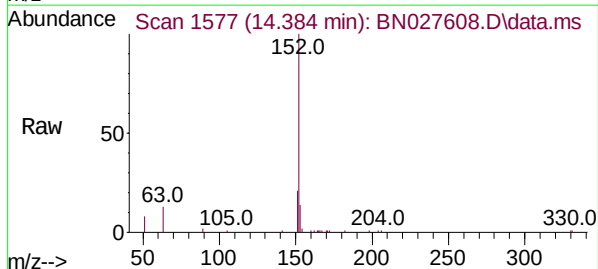
SSTDCCC0.4

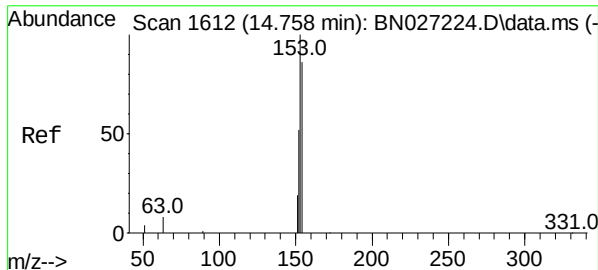
Tgt Ion:	172	Resp:	14366
Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.8
170	24.5	19.3	28.9



Scan 1581 (14.427 min): BN027224.D\data.ms (-1581) (-)
 Acenaphthylene
 Concen: 0.411 ng
 RT: 14.384 min Scan# 1577
 Delta R.T. -0.011 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

Tgt Ion:	152	Resp:	14596
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.2	10.3	15.5





Acenaphthene

Concen: 0.433 ng

RT: 14.726 min Scan# 1609

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

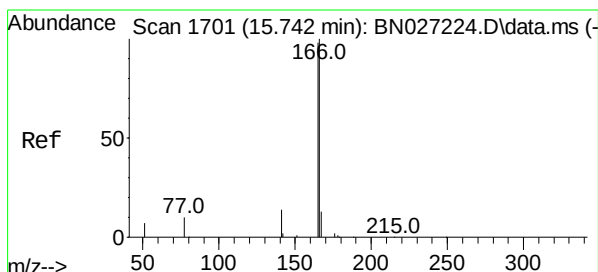
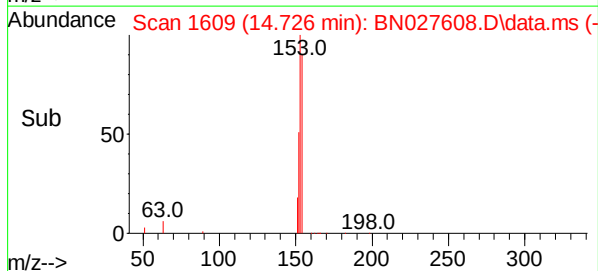
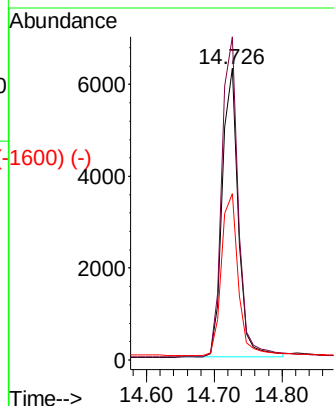
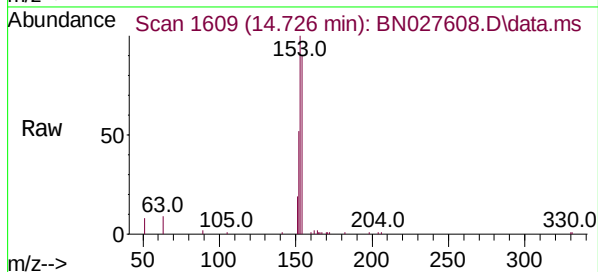
Tgt Ion:154 Resp: 10267

Ion Ratio Lower Upper

154 100

153 116.5 93.1 139.7

152 59.6 48.6 73.0



Fluorene

Concen: 0.407 ng

RT: 15.705 min Scan# 1698

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

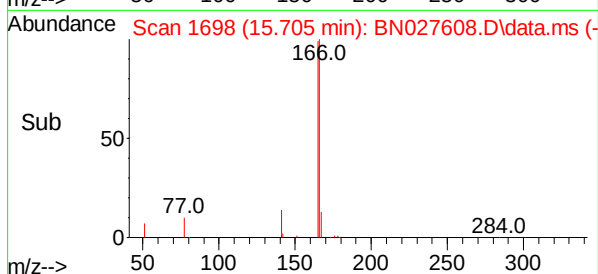
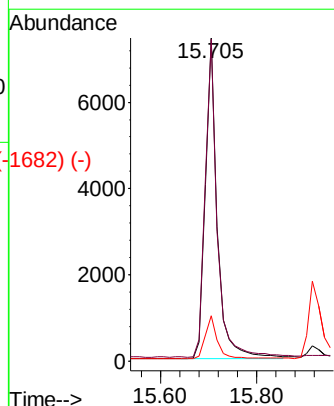
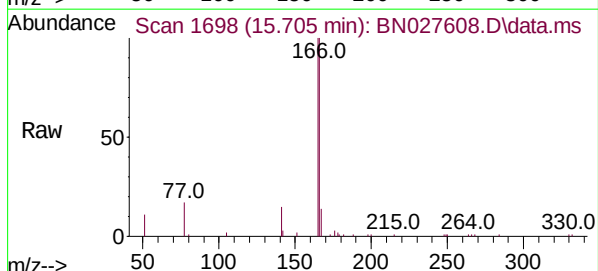
Tgt Ion:166 Resp: 12854

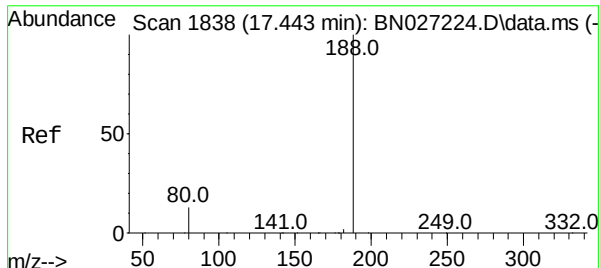
Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.4

167 13.7 10.8 16.2

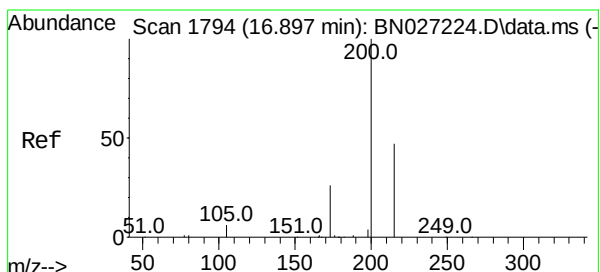
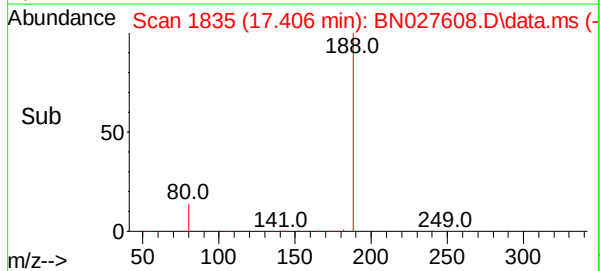
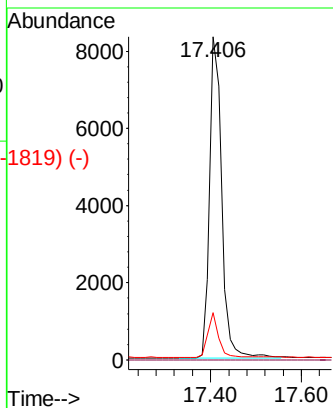
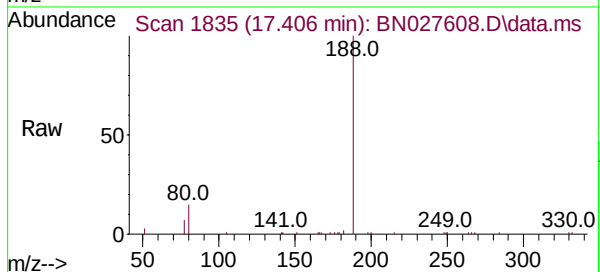




Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.406 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

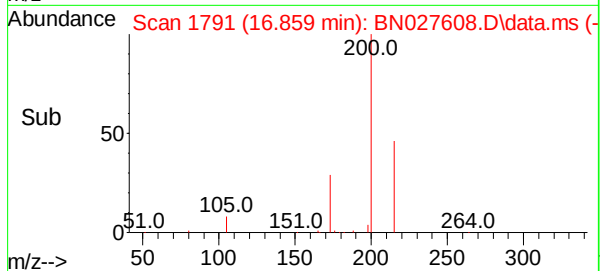
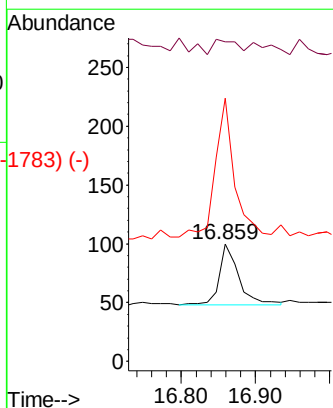
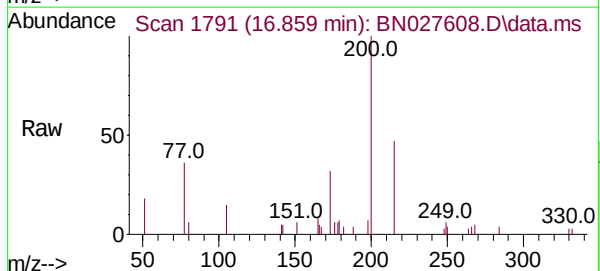
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:	188	Resp:	15332
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.7	11.0	16.6



4,6-Dinitro-2-methylphenol
 Concen: 0.435 ng
 RT: 16.859 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

Tgt Ion:	198	Resp:	95
Ion Ratio	Lower	Upper	
198	100		
51	272.0	282.2	423.2#
105	224.0	168.7	253.1



Abundance Scan 1773 (16.636 min): BN027224.D\data.ms (-1727) (-)

4-Bromophenyl-phenylether

Concen: 0.467 ng

RT: 16.599 min Scan# 1773

Delta R.T. 0.000 min

Lab File: BN027608.D

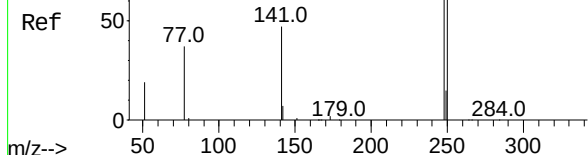
Acq: 12 Sep 2023 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



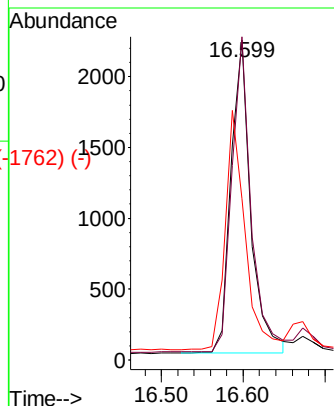
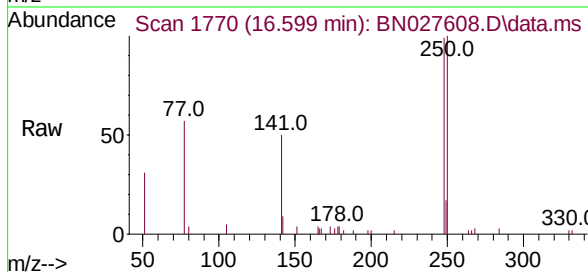
Tgt Ion:248 Resp: 3772

Ion Ratio Lower Upper

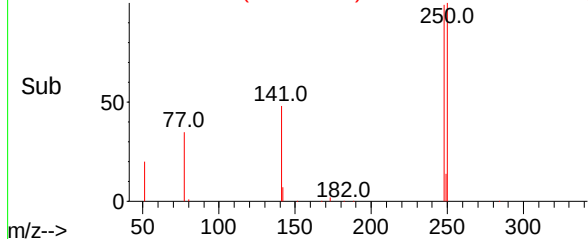
248 100

250 101.0 79.7 119.5

141 50.4 39.8 59.8



Abundance Scan 1770 (16.599 min): BN027608.D\data.ms (-1762) (-)



Abundance Scan 1779 (16.710 min): BN027224.D\data.ms (-1729) (-)

Hexachlorobenzene

Concen: 0.451 ng

RT: 16.673 min Scan# 1776

Delta R.T. -0.012 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

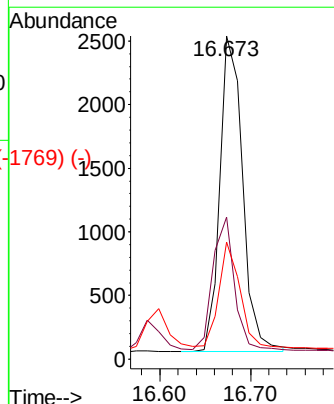
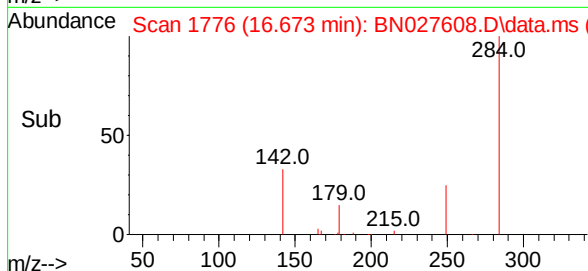
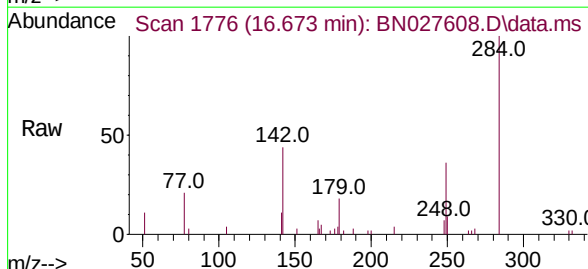
Tgt Ion:284 Resp: 4324

Ion Ratio Lower Upper

284 100

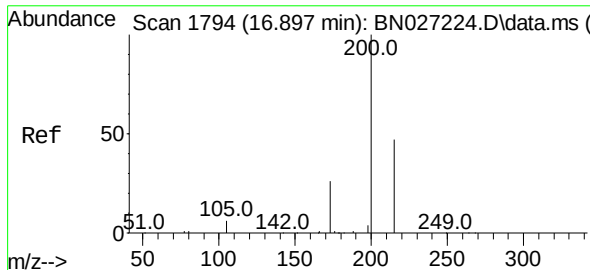
142 39.7 32.9 49.3

249 30.2 24.3 36.5



Abundance Scan 1776 (16.673 min): BN027608.D\data.ms (-1769) (-)

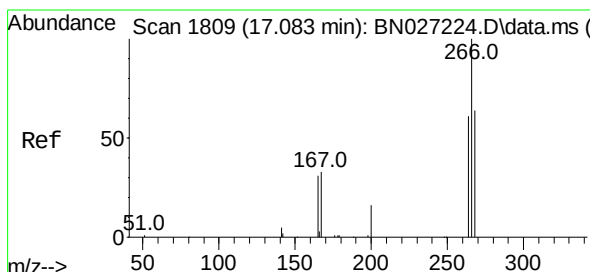
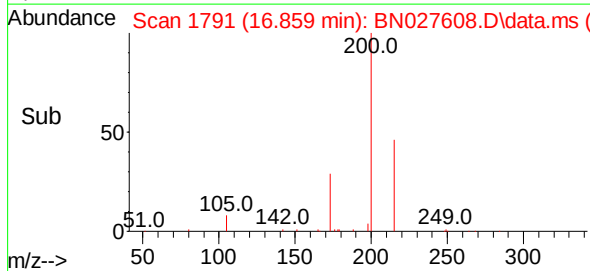
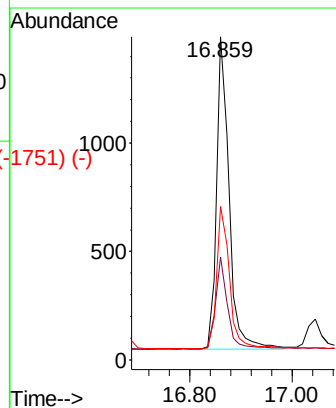
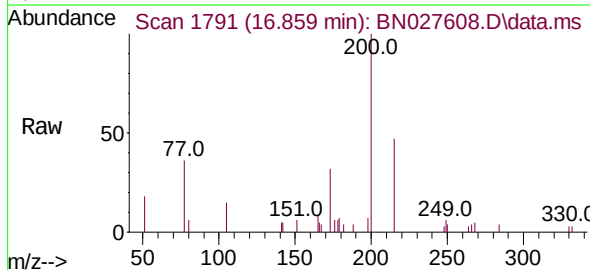




Scan 1794 (16.897 min): BN027224.D\data.ms (-1789) (-)
Atrazine
 Concen: 0.403 ng
 RT: 16.859 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

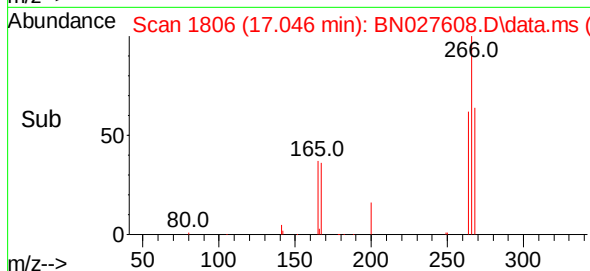
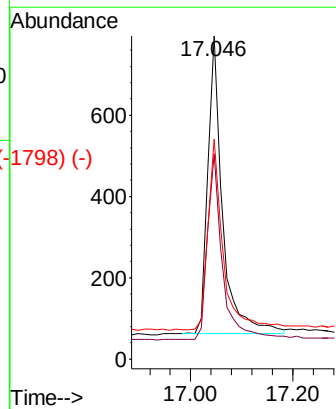
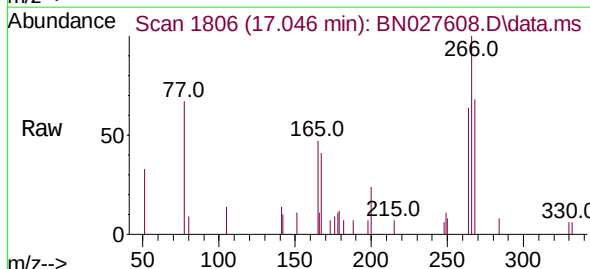
Instrument :
 BNA_N
ClientSampleId :
 SSTDCCC0.4

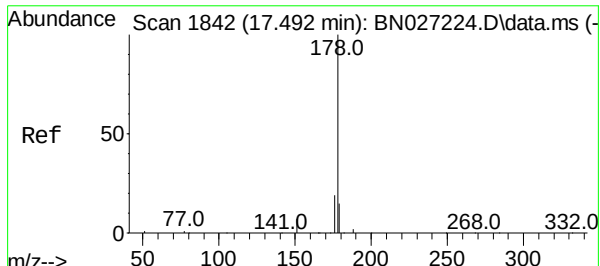
Tgt Ion:	200	Resp:	2441
Ion	Ratio	Lower	Upper
200	100		
173	31.9	22.5	33.7
215	47.4	39.0	58.6



Scan 1809 (17.083 min): BN027224.D\data.ms (-1824) (-)
Pentachlorophenol
 Concen: 0.393 ng
 RT: 17.046 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

Tgt Ion:	266	Resp:	1451
Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.3	75.5
268	67.1	52.0	78.0

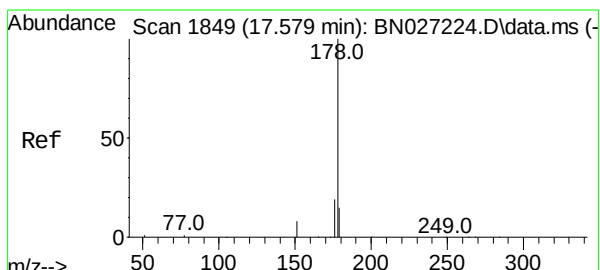
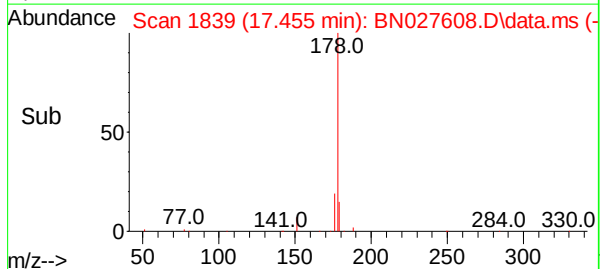
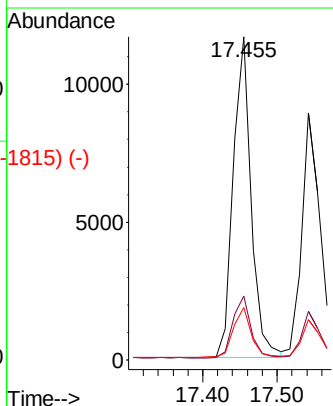
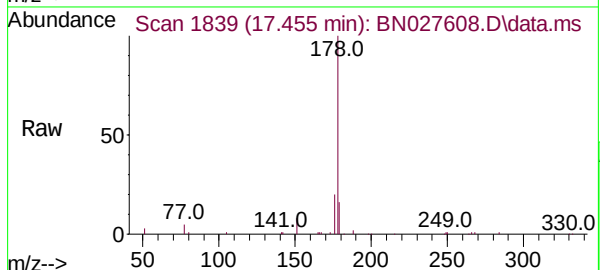




Scan 1842 (17.492 min): BN027224.D\data.ms (-1825) (-)
 Phenanthrene
 Concen: 0.430 ng
 RT: 17.455 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

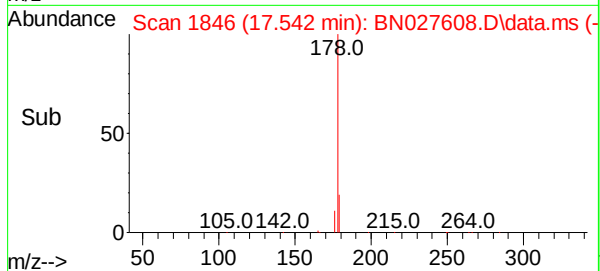
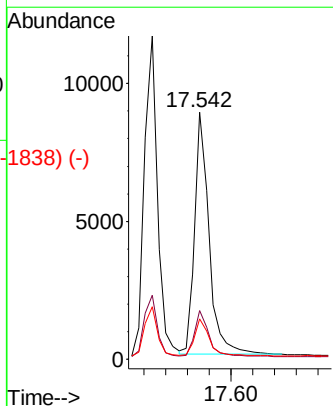
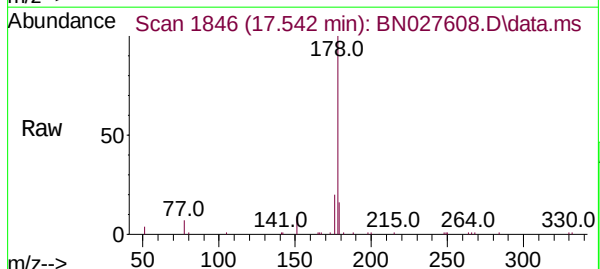
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:	178	Resp:	19376
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.4	12.3	18.5

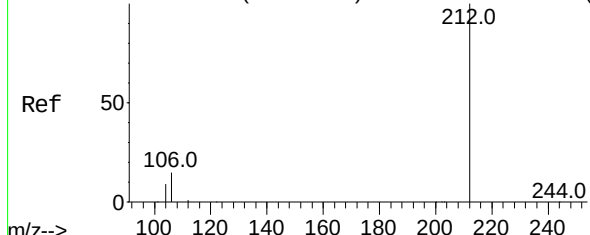


Scan 1849 (17.579 min): BN027224.D\data.ms (-1826) (-)
 Anthracene
 Concen: 0.417 ng
 RT: 17.542 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BN027608.D
 Acq: 12 Sep 2023 13:48

Tgt Ion:	178	Resp:	15974
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.3	12.0	18.0



Abundance Scan 2130 (19.467 min): BN027224.D\data.ms (-217) (-)



Fluoranthene-d10

Concen: 0.394 ng

RT: 19.435 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

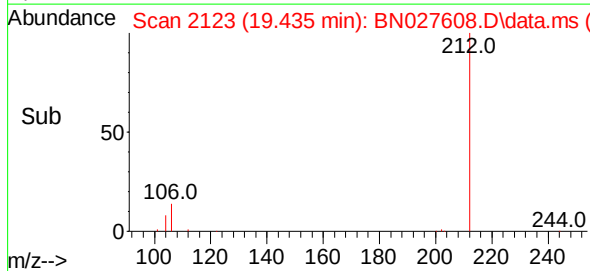
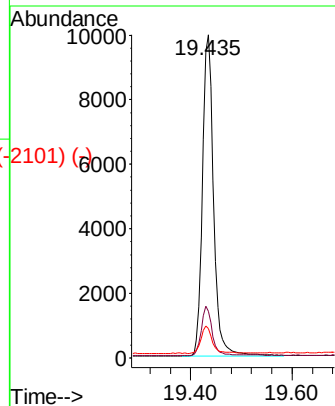
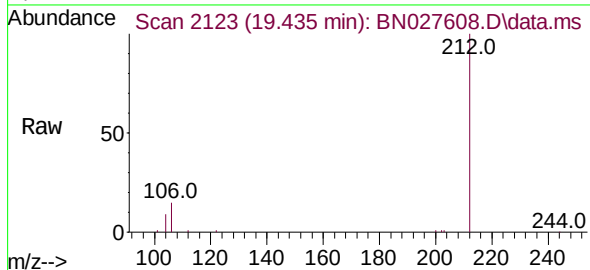
Tgt Ion:212 Resp: 15013

Ion Ratio Lower Upper

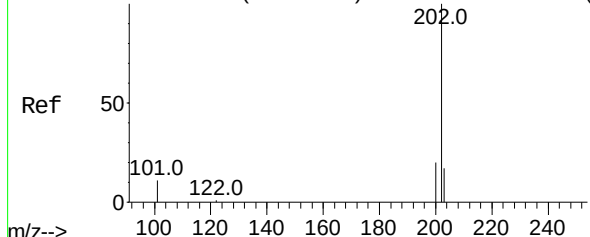
212 100

106 14.6 12.1 18.1

104 8.3 6.9 10.3



Abundance Scan 2137 (19.500 min): BN027224.D\data.ms (-2128) (-)



Fluoranthene

Concen: 0.386 ng

RT: 19.463 min Scan# 2129

Delta R.T. -0.005 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

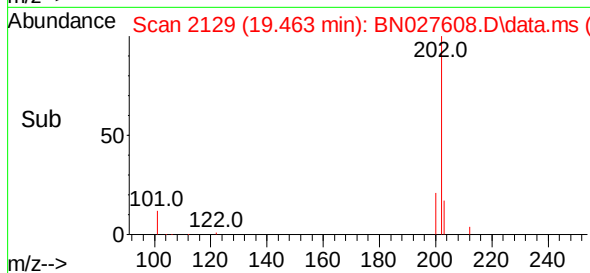
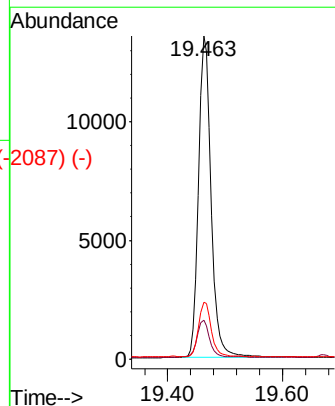
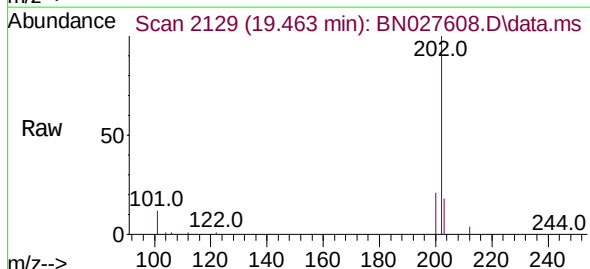
Tgt Ion:202 Resp: 20445

Ion Ratio Lower Upper

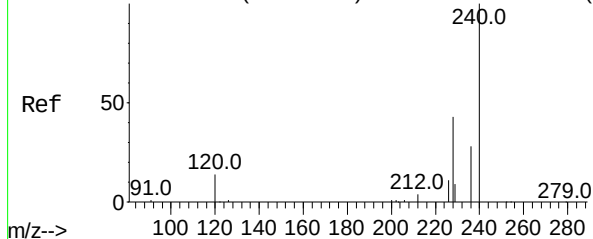
202 100

101 11.8 9.6 14.4

203 17.0 13.6 20.4



Abundance Scan 2530 (21.623 min): BN027224.D\data.ms (-2529) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

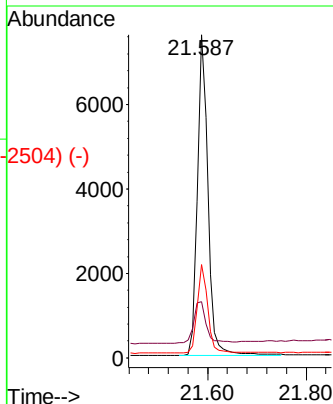
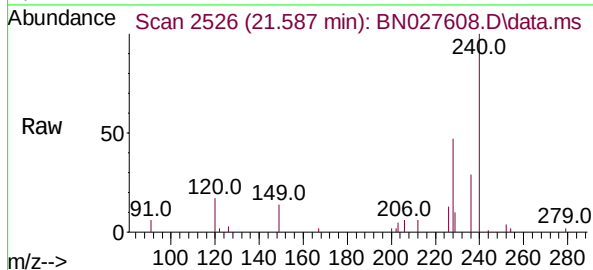
Tgt Ion:240 Resp: 11239

Ion Ratio Lower Upper

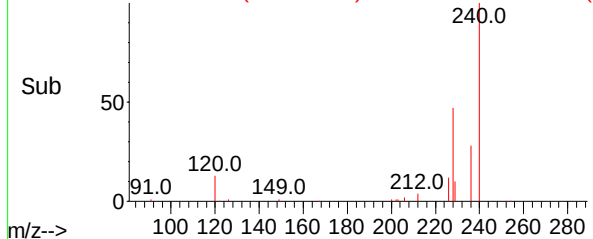
240 100

120 17.5 14.2 21.4

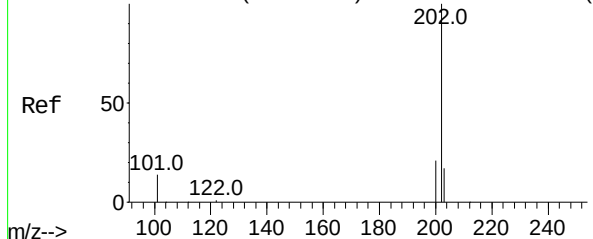
236 28.9 22.9 34.3



Abundance Scan 2526 (21.587 min): BN027608.D\data.ms (-2504) (-)



Abundance Scan 2215 (19.862 min): BN027224.D\data.ms (-2200) (-)



Pyrene

Concen: 0.459 ng

RT: 19.830 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

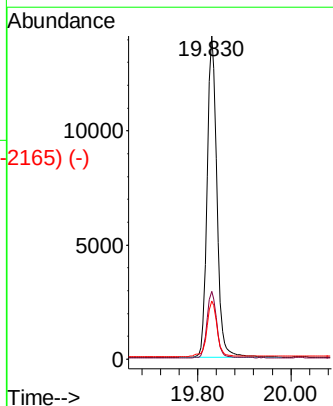
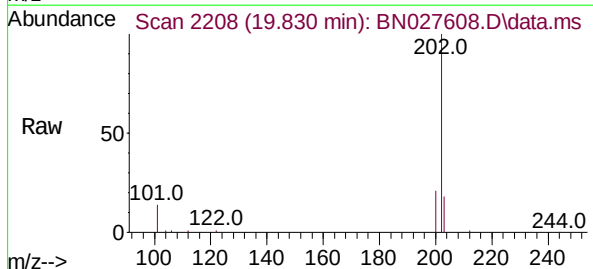
Tgt Ion:202 Resp: 20511

Ion Ratio Lower Upper

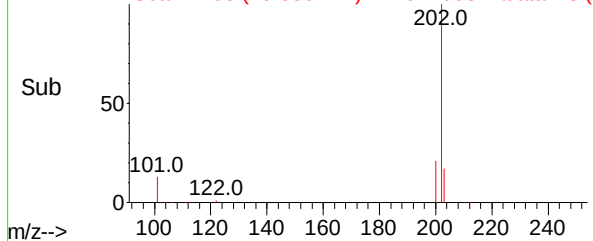
202 100

200 20.9 16.6 25.0

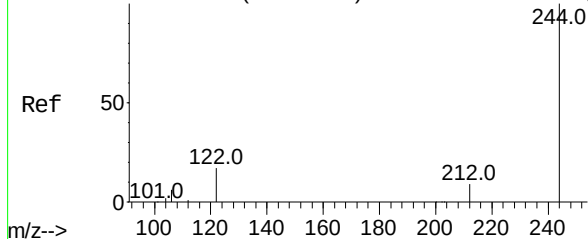
203 17.9 14.2 21.4



Abundance Scan 2208 (19.830 min): BN027608.D\data.ms (-2165) (-)



Abundance Scan 2256 (20.053 min): BN027224.D\data.ms (-2256) (-)



Terphenyl-d14

Concen: 0.455 ng

RT: 20.020 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

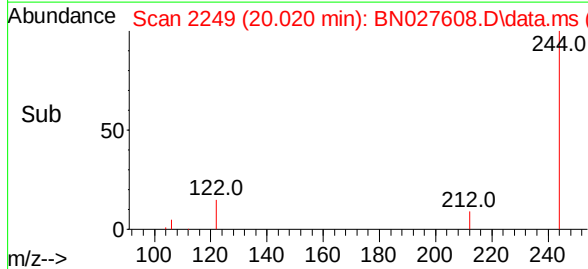
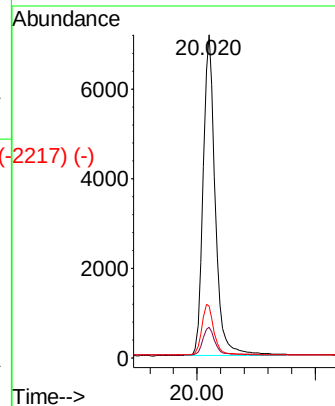
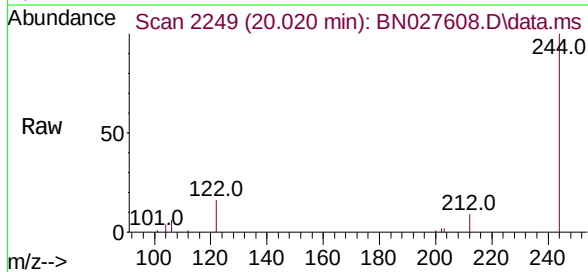
Tgt Ion:244 Resp: 10275

Ion Ratio Lower Upper

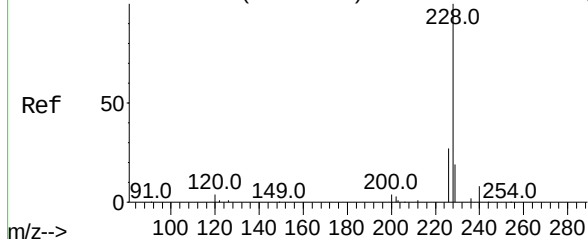
244 100

212 9.4 7.5 11.3

122 15.9 14.0 21.0



Abundance Scan 2528 (21.605 min): BN027224.D\data.ms (-2528) (-)



Benzo(a)anthracene

Concen: 0.445 ng

RT: 21.569 min Scan# 2524

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

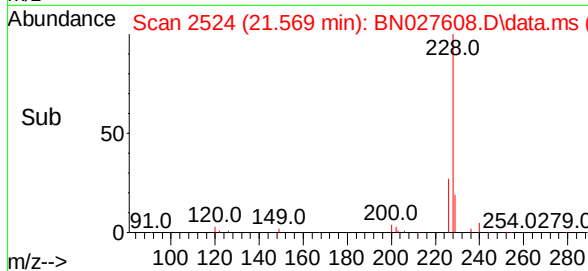
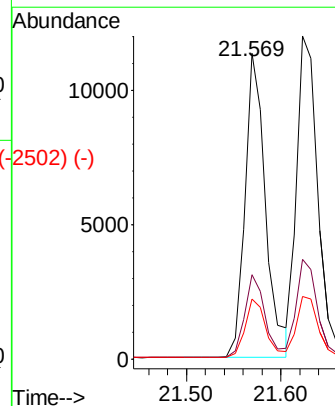
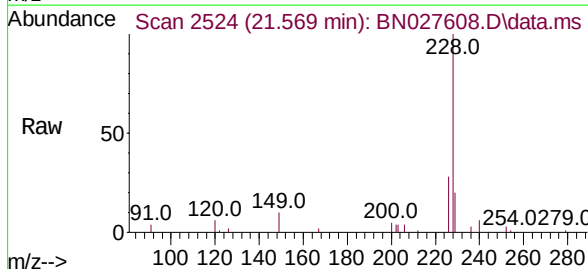
Tgt Ion:228 Resp: 17162

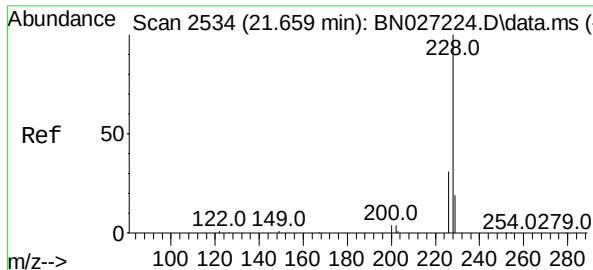
Ion Ratio Lower Upper

228 100

226 27.6 21.9 32.9

229 19.7 15.7 23.5

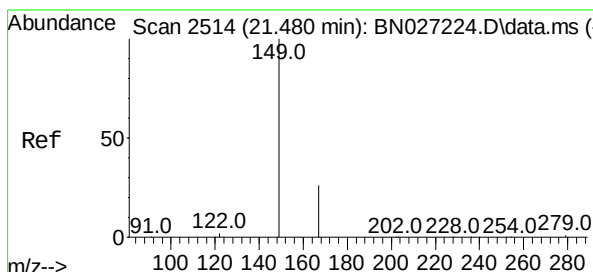
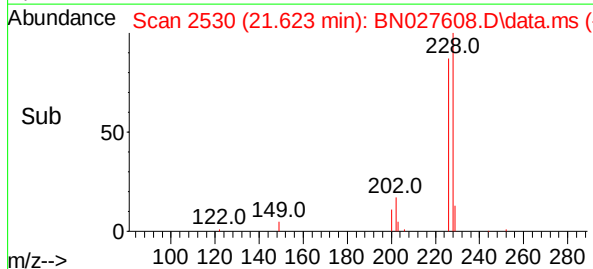
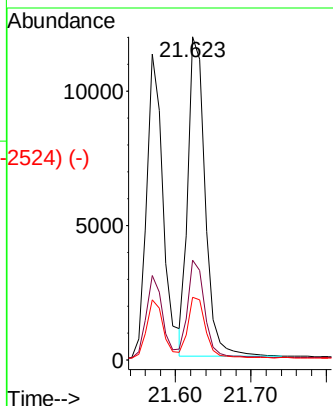
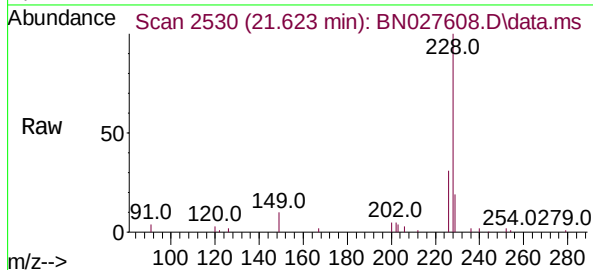




#39 (-)
Chrysene
Concen: 0.439 ng
RT: 21.623 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BN027608.D
Acq: 12 Sep 2023 13:48

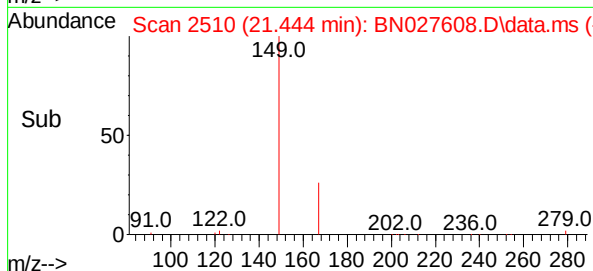
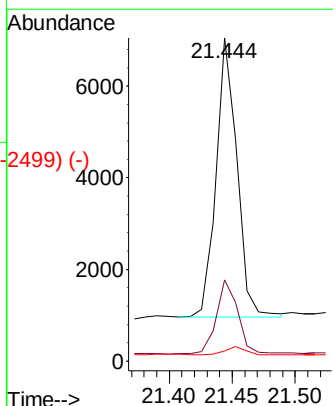
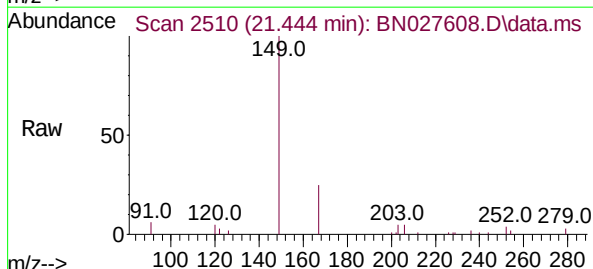
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:	228	Resp:	18587
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	19.4	15.4	23.2



#39 (-)
Bis(2-ethylhexyl)phthalate
Concen: 0.377 ng
RT: 21.444 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN027608.D
Acq: 12 Sep 2023 13:48

Tgt Ion:	149	Resp:	7011
Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	3.1	2.7	4.1



Abundance Scan 3215 (24.156 min): BN027224.D\data.ms (-3135) (-)

Perylene-d12

Concen: 0.400 ng

RT: 24.095 min Scan# 4095

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:264 Resp: 10410

Ion Ratio Lower Upper

264 100

260 26.5 20.7 31.1

265 85.4 53.3 79.9#

Abundance Scan 3194 (24.095 min): BN027608.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

Abundance Scan 3194 (24.095 min): BN027608.D\data.ms (-3143) (-)

Sub 50

264.0

m/z-->

Abundance

24.095

4000

3000

2000

1000

0

Time-->

Abundance Scan 4130 (26.832 min): BN027224.D\data.ms (-4096) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.453 ng

RT: 26.729 min Scan# 4095

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Tgt Ion:276 Resp: 19156

Ion Ratio Lower Upper

276 100

138 28.7 23.4 35.2

277 24.9 19.8 29.8

Abundance Scan 4095 (26.729 min): BN027608.D\data.ms

Ref 50

276.0

Raw 50

138.0

m/z-->

Abundance Scan 4095 (26.729 min): BN027608.D\data.ms (-4061) (-)

Sub 50

276.0

138.0

m/z-->

Abundance

26.729

4000

3000

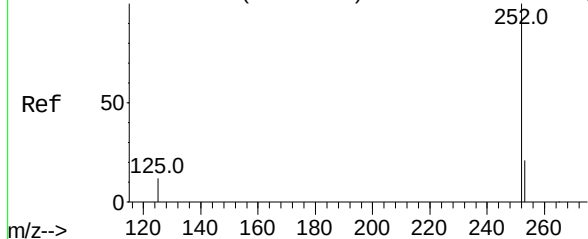
2000

1000

0

Time-->

Abundance Scan 2945 (23.367 min): BN027224.D\data.ms (-2937) (-)



Benzo(b)fluoranthene

Concen: 0.431 ng

RT: 23.312 min Scan# 2926

Delta R.T. -0.003 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

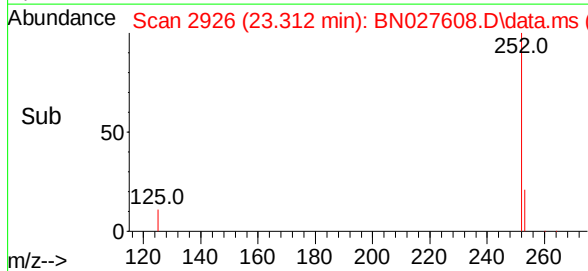
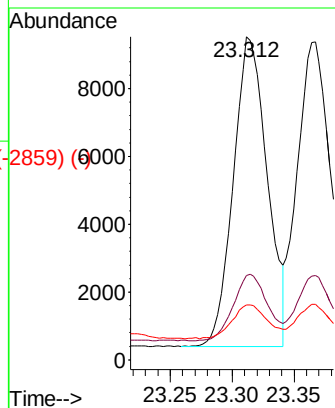
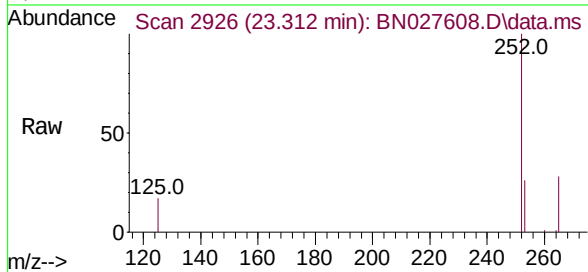
Tgt Ion:252 Resp: 17373

Ion Ratio Lower Upper

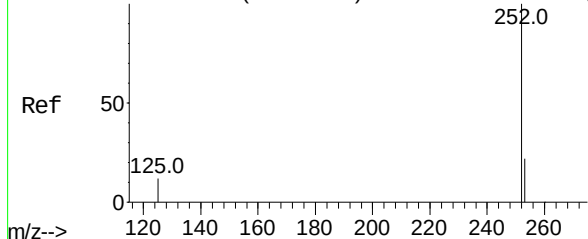
252 100

253 26.2 19.9 29.9

125 16.9 13.8 20.6



Abundance Scan 2963 (23.420 min): BN027224.D\data.ms (-2938) (-)



Benzo(k)fluoranthene

Concen: 0.420 ng

RT: 23.367 min Scan# 2945

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

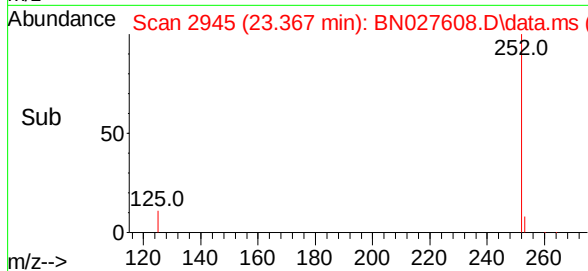
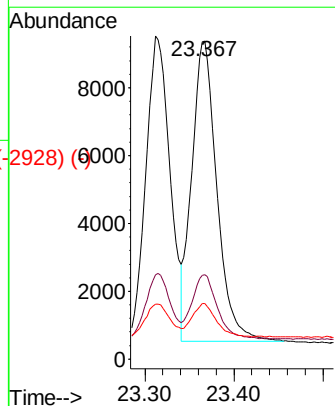
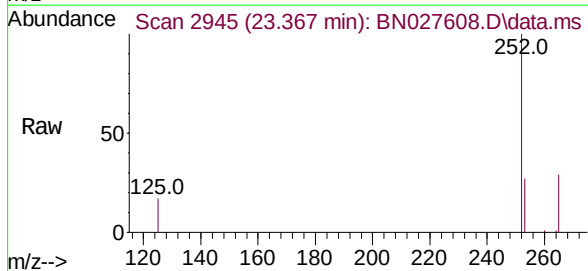
Tgt Ion:252 Resp: 17409

Ion Ratio Lower Upper

252 100

253 26.6 20.2 30.2

125 17.4 14.1 21.1



Abundance Scan 3176 (24.042 min): BN027224.D\data.ms (-3139) (-)

Benzo(a)pyrene

Concen: 0.404 ng

RT: 23.978 min Scan# 4139

Delta R.T. -0.003 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:252 Resp: 15218

Ion Ratio Lower Upper

252 100

253 28.3 21.4 32.0

125 20.4 16.5 24.7

Abundance Scan 3154 (23.978 min): BN027608.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 3154 (23.978 min): BN027608.D\data.ms (-3087) (-)

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.978

6000

4000

2000

0

Time-->

23.90 24.00 24.10

Abundance Scan 4139 (26.858 min): BN027224.D\data.ms (-4106) (-)

Dibenzo(a,h)anthracene

Concen: 0.466 ng

RT: 26.756 min Scan# 4104

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

Tgt Ion:278 Resp: 15436

Ion Ratio Lower Upper

278 100

139 20.5 17.9 26.9

279 26.9 21.8 32.6

Abundance Scan 4104 (26.756 min): BN027608.D\data.ms

Ref 50

138.0

278.0

Raw 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 4104 (26.756 min): BN027608.D\data.ms (-4070) (-)

Sub 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

26.756

4000

3000

2000

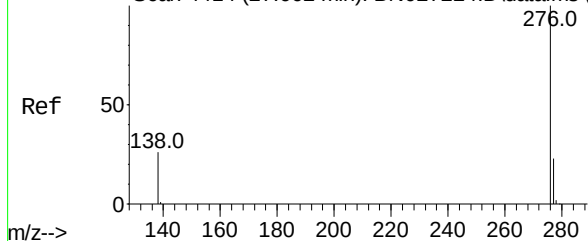
1000

0

Time-->

26.60 26.80

Abundance Scan 4414 (27.662 min): BN027224.D\data.ms (-4374) (-)



Benzo(g,h,i)perylene

Concen: 0.455 ng

RT: 27.554 min Scan# 4

Delta R.T. 0.000 min

Lab File: BN027608.D

Acq: 12 Sep 2023 13:48

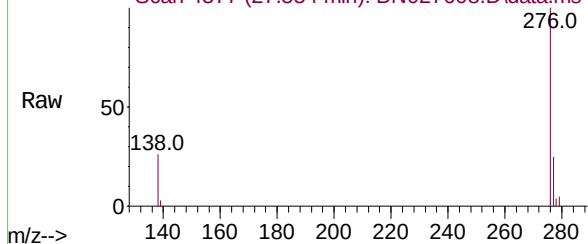
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Abundance Scan 4377 (27.554 min): BN027608.D\data.ms



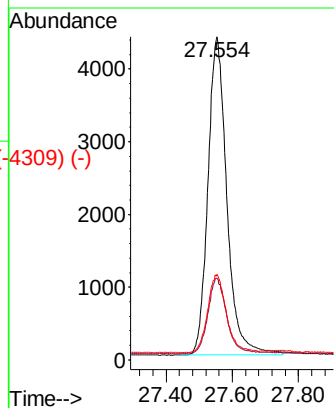
Tgt Ion:276 Resp: 17480

Ion Ratio Lower Upper

276 100

277 25.3 19.6 29.4

138 26.5 22.1 33.1



Abundance Scan 4377 (27.554 min): BN027608.D\data.ms (-4309) (-)

