

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
 Data File : BN019198.D
 Acq On : 28 Mar 2022 17:00
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 28 18:07:43 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

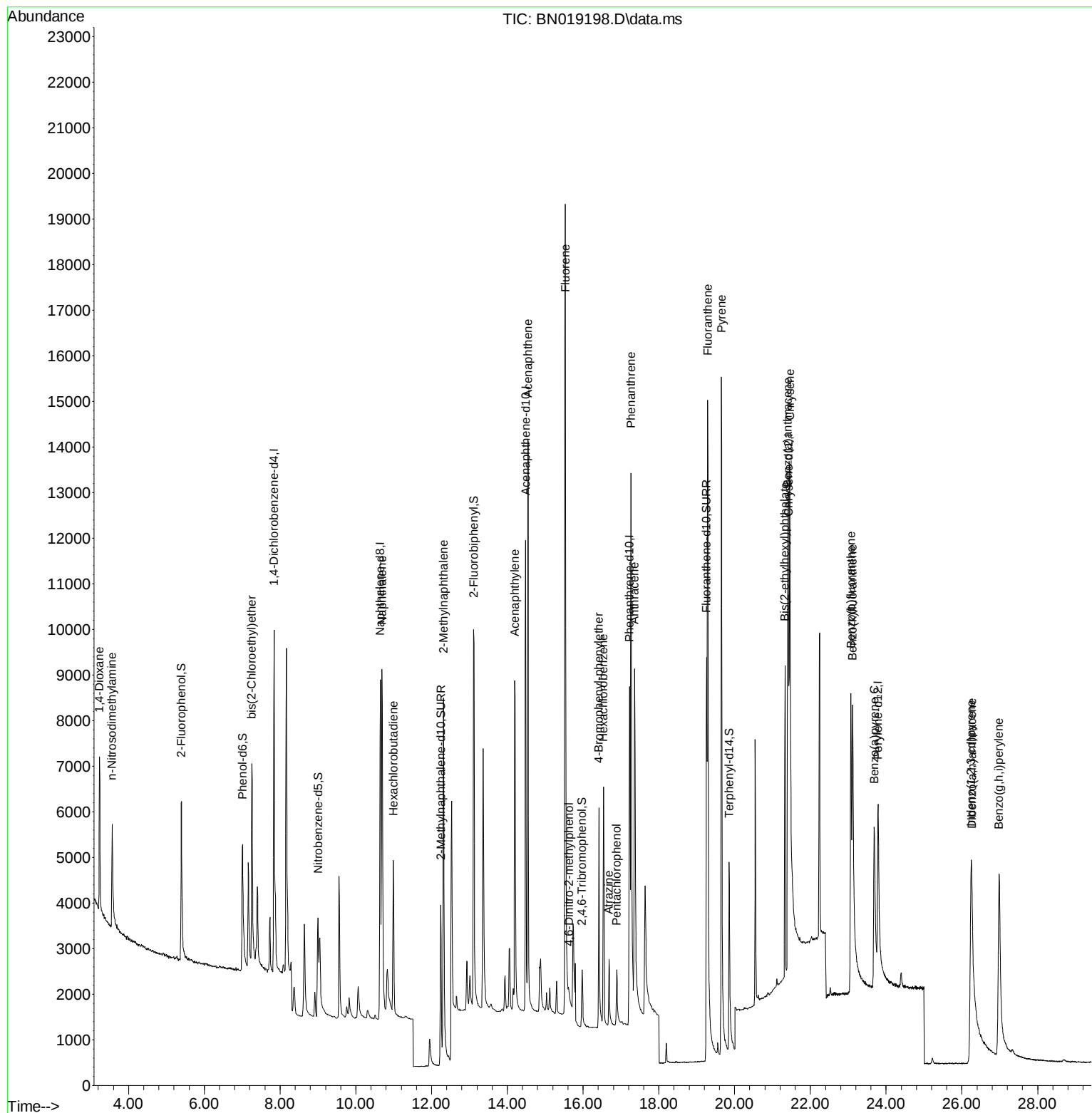
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4106	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11147	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6336	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	12565	0.400	ng	0.00
29) Chrysene-d12	21.422	240	9051	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	7715	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	3554	0.366	ng	0.00
5) Phenol-d6	7.009	99	3398	0.306	ng	0.00
8) Nitrobenzene-d5	9.003	82	2637	0.305	ng	0.01
11) 2-Methylnaphthalene-d10	12.242	152	6294	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	931	0.302	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	9496	0.357	ng	0.01
27) Fluoranthene-d10	19.261	212	13351	0.363	ng	0.00
31) Terphenyl-d14	19.860	244	7488	0.371	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.232	88	1884	0.345	ng	95
3) n-Nitrosodimethylamine	3.564	42	1864	0.305	ng	99
6) bis(2-Chloroethyl)ether	7.255	93	3888	0.324	ng	96
9) Naphthalene	10.690	128	11495	0.366	ng	98
10) Hexachlorobutadiene	10.989	225	2737	0.389	ng	# 99
12) 2-Methylnaphthalene	12.314	142	7380	0.358	ng	98
16) Acenaphthylene	14.196	152	10154	0.351	ng	99
17) Acenaphthene	14.549	154	7357	0.359	ng	98
18) Fluorene	15.532	166	9208	0.353	ng	99
20) 4,6-Dinitro-2-methylph...	15.628	198	319	0.156	ng	# 46
21) 4-Bromophenyl-phenylether	16.415	248	2858	0.350	ng	# 78
22) Hexachlorobenzene	16.538	284	3893	0.403	ng	99
23) Atrazine	16.682	200	1606	0.284	ng	92
24) Pentachlorophenol	16.887	266	868	0.251	ng	96
25) Phenanthrene	17.267	178	14492	0.360	ng	100
26) Anthracene	17.359	178	11260	0.337	ng	100
28) Fluoranthene	19.291	202	16887	0.371	ng	99
30) Pyrene	19.653	202	17481	0.409	ng	99
32) Benzo(a)anthracene	21.404	228	9737	0.335	ng	100
33) Chrysene	21.458	228	14466	0.388	ng	99
34) Bis(2-ethylhexyl)phtha...	21.333	149	6291	0.355	ng	100
36) Indeno(1,2,3-cd)pyrene	26.240	276	9997	0.324	ng	97
37) Benzo(b)fluoranthene	23.071	252	9659	0.330	ng	# 90
38) Benzo(k)fluoranthene	23.115	252	13276	0.357	ng	# 90
39) Benzo(a)pyrene	23.691	252	8490	0.338	ng	# 80
40) Dibenzo(a,h)anthracene	26.261	278	7864	0.339	ng	# 88
41) Benzo(g,h,i)perylene	26.983	276	12090	0.381	ng	99

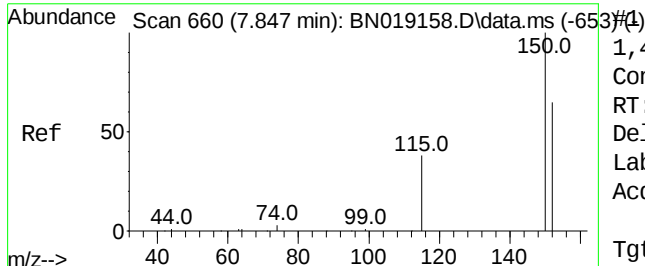
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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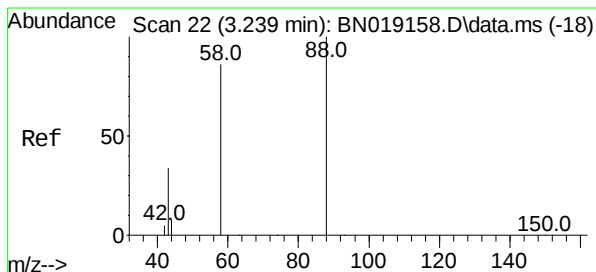
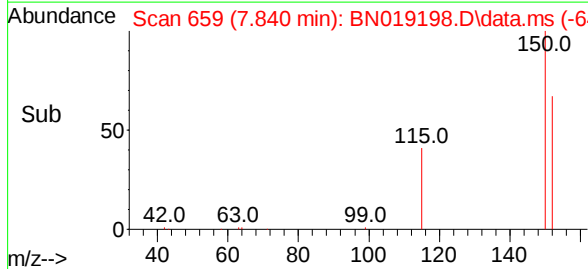
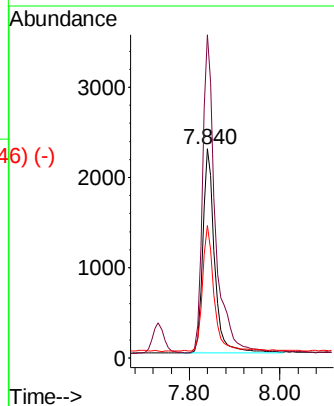
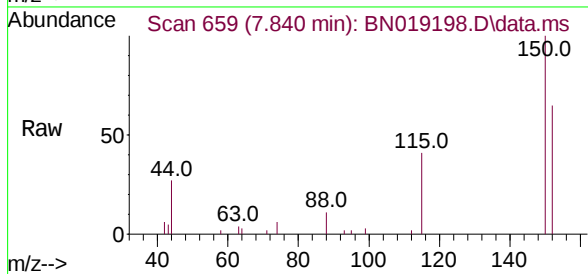




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 1
 Delta R.T. -0.007 min
 Lab File: BN019198.D
 Acq: 28 Mar 2022 17:00

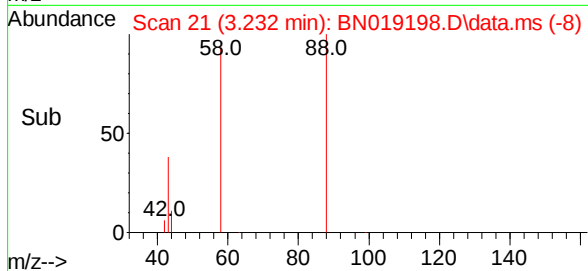
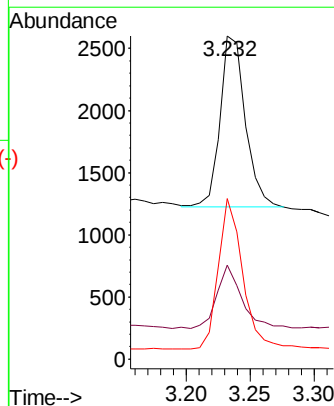
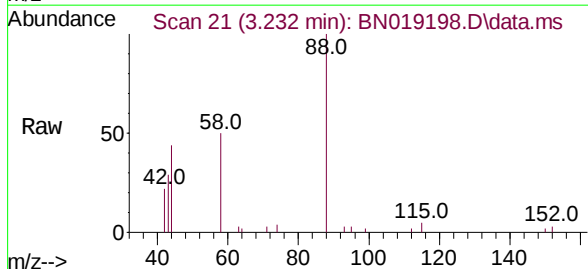
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

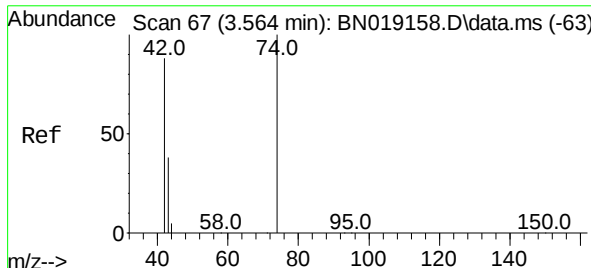
Tgt Ion:	152	Resp:	4106
Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.9	185.9
115	63.2	48.2	72.4



1,4-Dioxane
 Concen: 0.345 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN019198.D
 Acq: 28 Mar 2022 17:00

Tgt Ion:	88	Resp:	1884
Ion	Ratio	Lower	Upper
88	100		
43	35.7	24.6	37.0
58	84.6	65.4	98.2

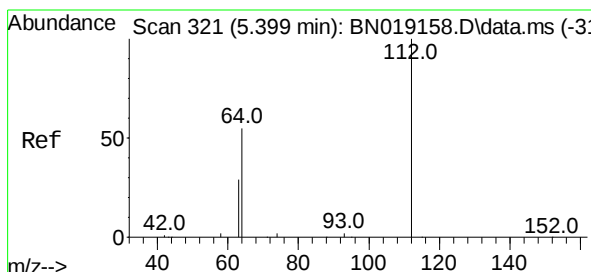
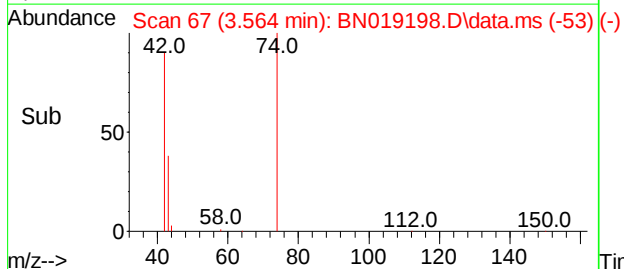
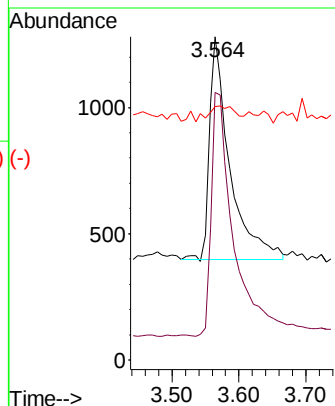
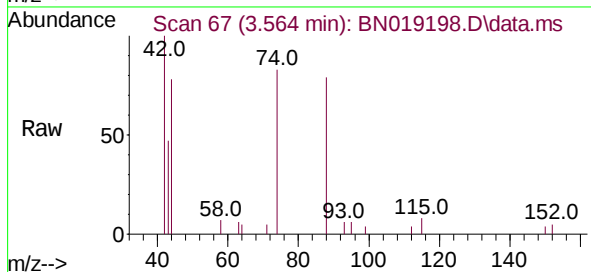




n-Nitrosodimethylamine
 Concen: 0.305 ng
 RT: 3.564 min Scan# 67
 Delta R.T. -0.000 min
 Lab File: BN019198.D
 Acq: 28 Mar 2022 17:00

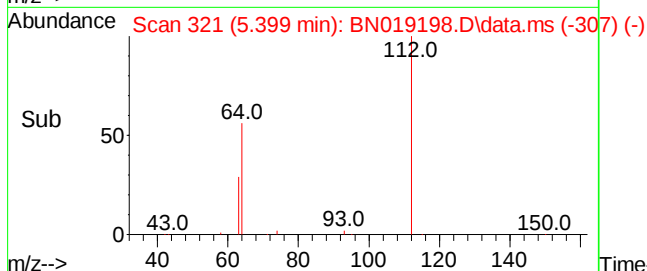
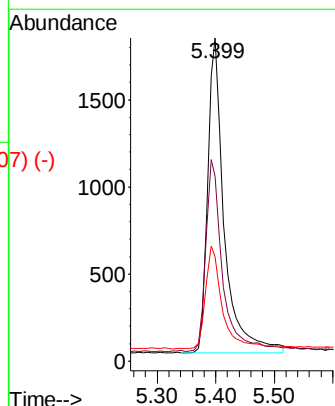
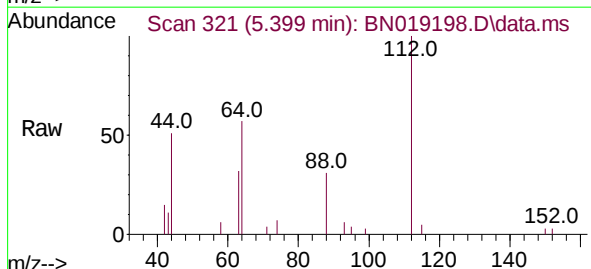
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

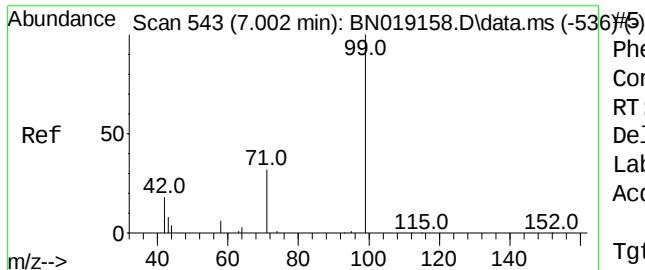
Tgt Ion: 42 Resp: 1864
 Ion Ratio Lower Upper
 42 100
 74 119.6 96.9 145.3
 44 9.9 7.3 10.9



2-Fluorophenol
 Concen: 0.366 ng
 RT: 5.399 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: BN019198.D
 Acq: 28 Mar 2022 17:00

Tgt Ion: 112 Resp: 3554
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.8 71.8
 63 33.8 25.7 38.5

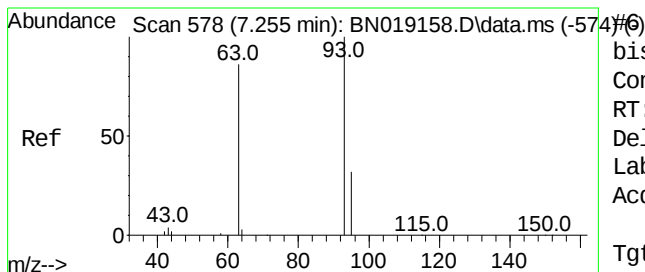
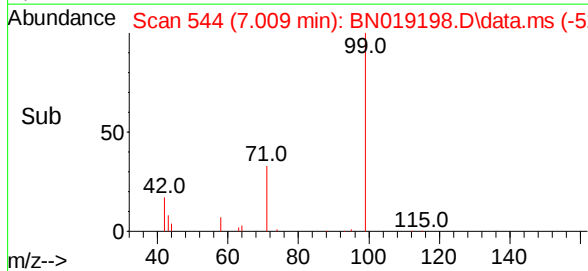
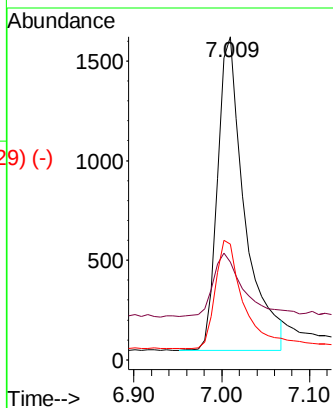
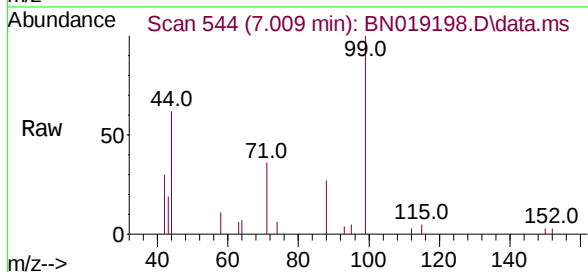




Phenol-d6
 Concen: 0.306 ng
 RT: 7.009 min Scan# 543
 Delta R.T. 0.007 min
 Lab File: BN019198.D
 Acq: 28 Mar 2022 17:00

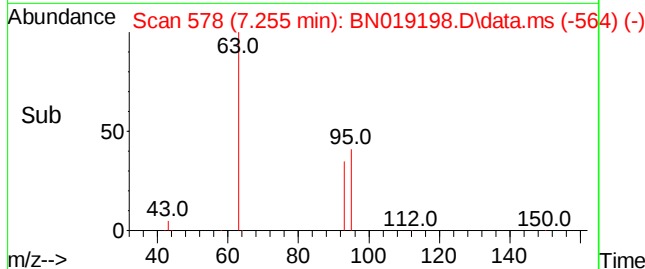
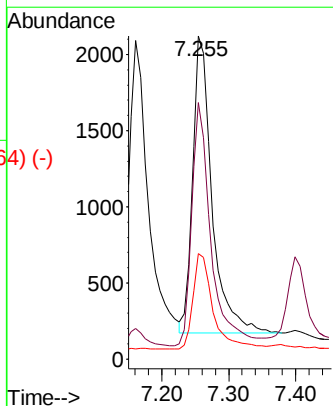
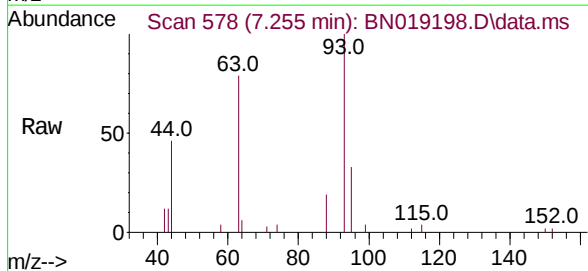
Instrument :
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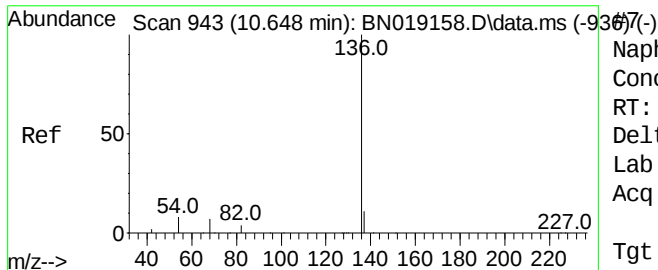
Tgt Ion: 99 Resp: 3398
 Ion Ratio Lower Upper
 99 100
 42 23.0 16.2 24.4
 71 35.5 27.7 41.5



bis(2-Chloroethyl)ether
 Concen: 0.324 ng
 RT: 7.255 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: BN019198.D
 Acq: 28 Mar 2022 17:00

Tgt Ion: 93 Resp: 3888
 Ion Ratio Lower Upper
 93 100
 63 82.6 62.8 94.2
 95 33.7 26.2 39.4





Naphthalene-d8

Concen: 0.400 ng

RT: 10.648 min Scan# 943

Delta R.T. -0.000 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 11147

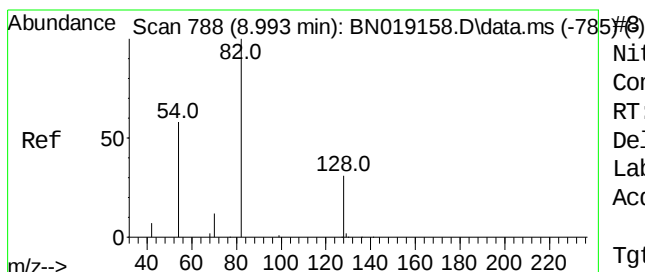
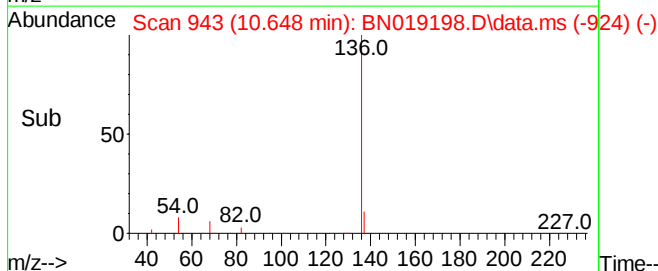
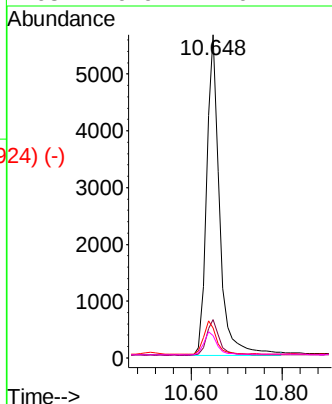
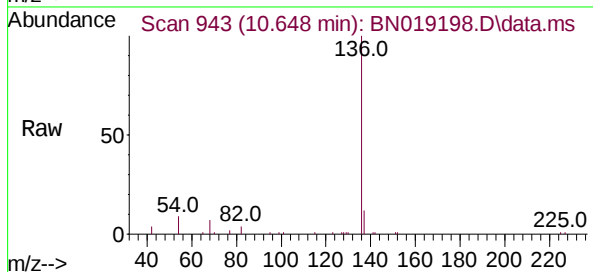
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.4

54 9.3 5.8 8.6#

68 6.9 4.6 7.0



Nitrobenzene-d5

Concen: 0.305 ng

RT: 9.003 min Scan# 789

Delta R.T. 0.011 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

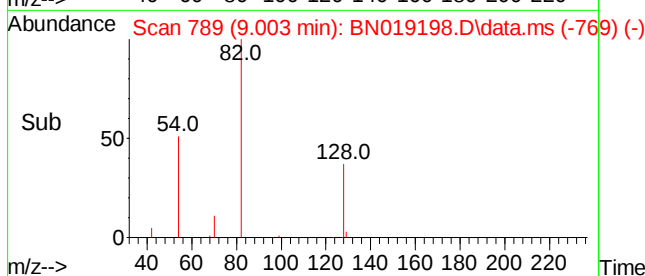
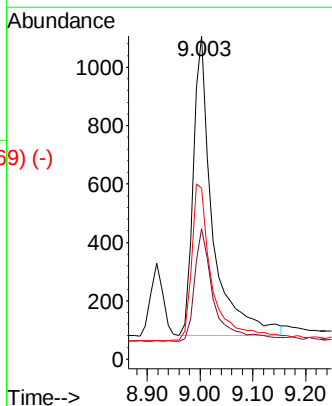
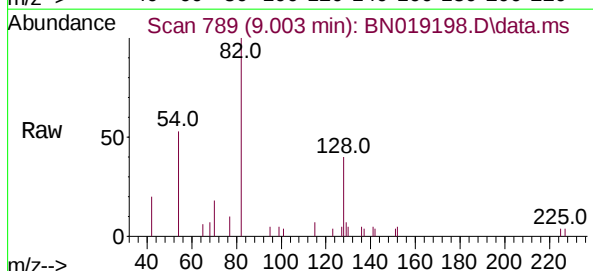
Tgt Ion: 82 Resp: 2637

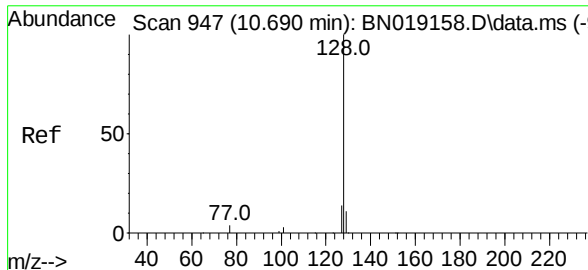
Ion Ratio Lower Upper

82 100

128 40.4 33.0 49.6

54 52.8 42.5 63.7





Naphthalene

Concen: 0.366 ng

RT: 10.690 min Scan# 947

Delta R.T. -0.000 min

Lab File: BN019198.D

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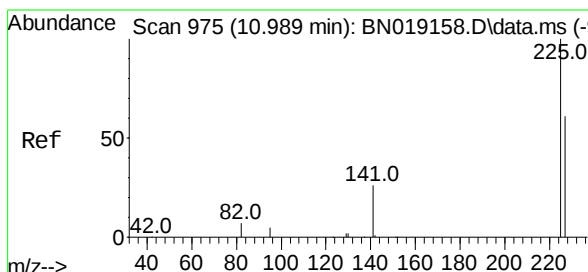
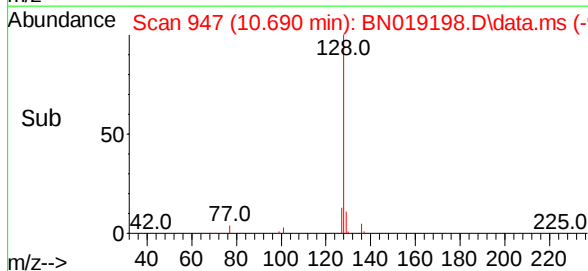
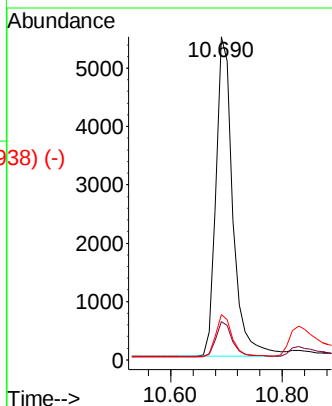
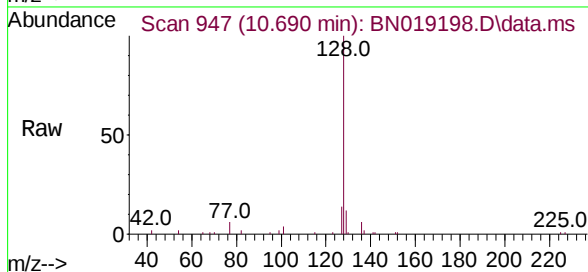
Tgt Ion:128 Resp: 11495

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.4

127 14.0 10.7 16.1



Hexachlorobutadiene

Concen: 0.389 ng

RT: 10.989 min Scan# 975

Delta R.T. -0.000 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

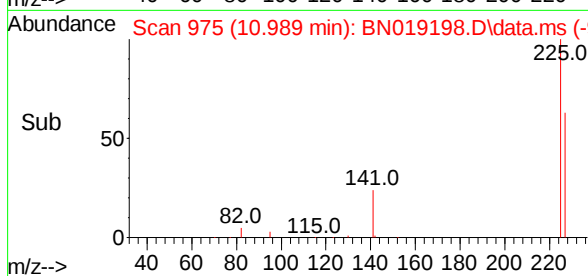
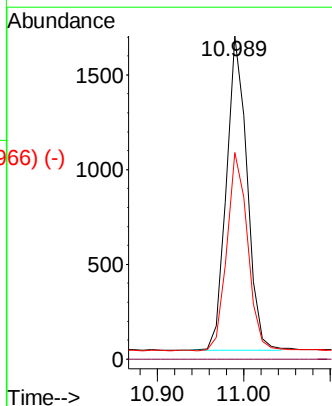
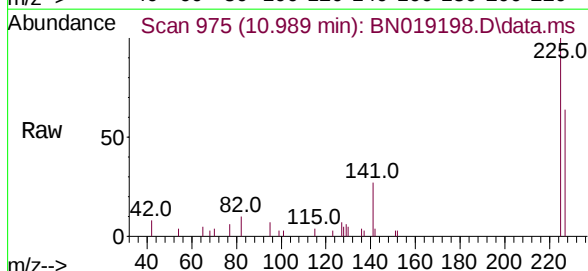
Tgt Ion:225 Resp: 2737

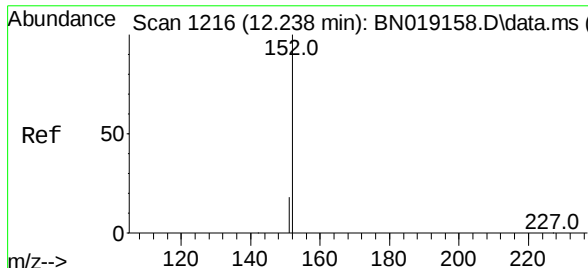
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.1 51.0 76.6

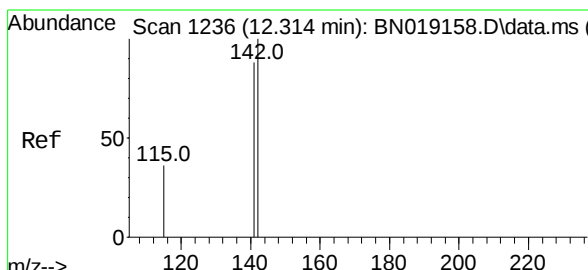
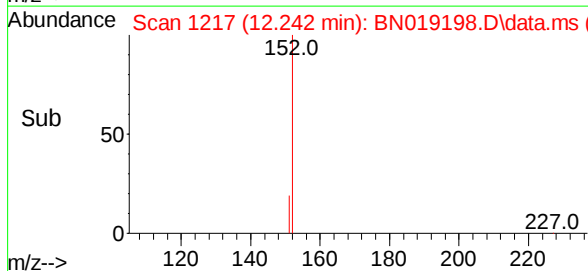
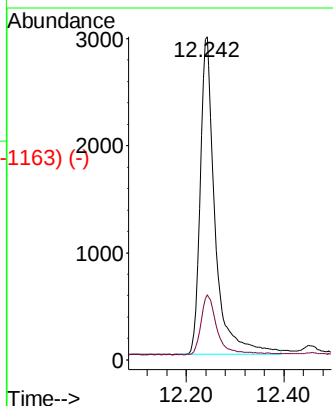
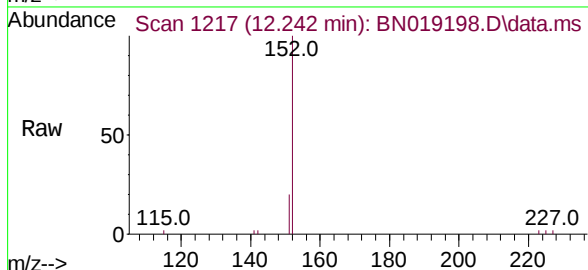




Scan 1216 (12.238 min): BN019158.D\data.ms (-1211)
 2-Methylnaphthalene-d10
 Concen: 0.353 ng
 RT: 12.242 min Scan# 1216
 Delta R.T. 0.004 min
 Lab File: BN019198.D
 Acq: 28 Mar 2022 17:00

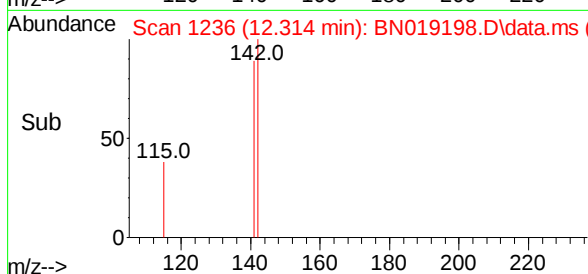
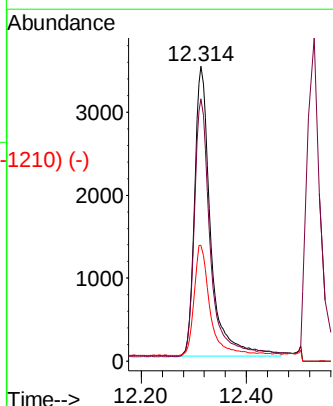
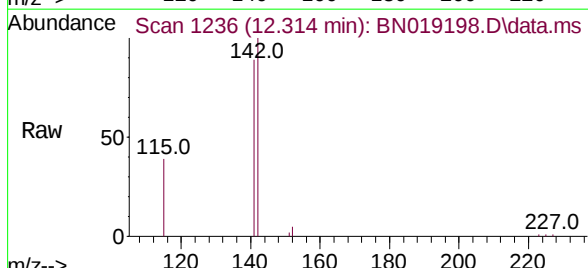
Instrument :
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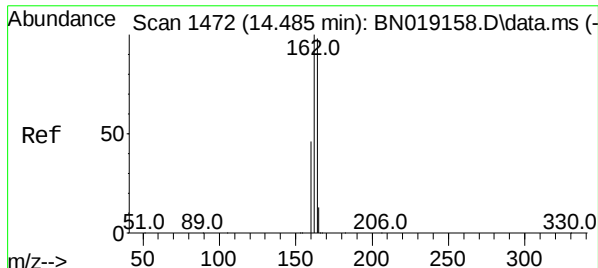
Tgt Ion:152 Resp: 6294
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.5 24.7



Scan 1236 (12.314 min): BN019158.D\data.ms (-1215)
 2-Methylnaphthalene
 Concen: 0.358 ng
 RT: 12.314 min Scan# 1236
 Delta R.T. -0.000 min
 Lab File: BN019198.D
 Acq: 28 Mar 2022 17:00

Tgt Ion:142 Resp: 7380
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.0 105.0
 115 39.3 29.8 44.8

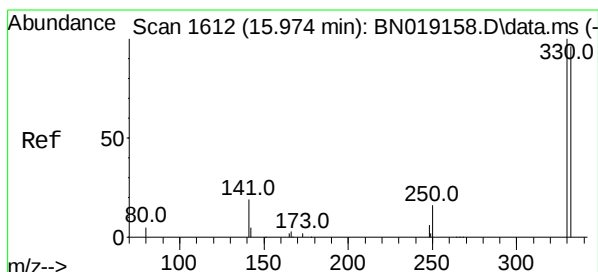
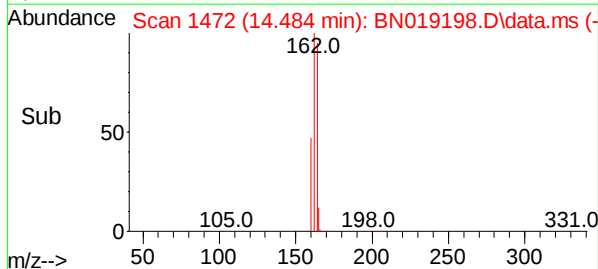
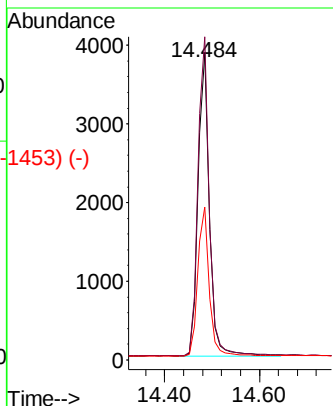
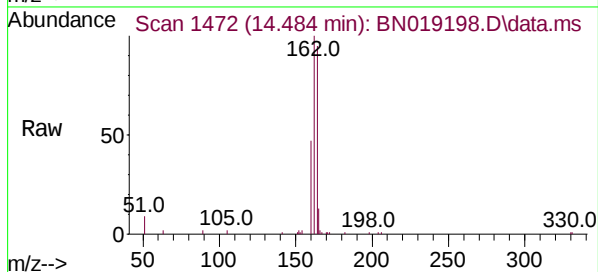




Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1472
 Delta R.T. -0.000 min
 Lab File: BN019198.D
 Acq: 28 Mar 2022 17:00

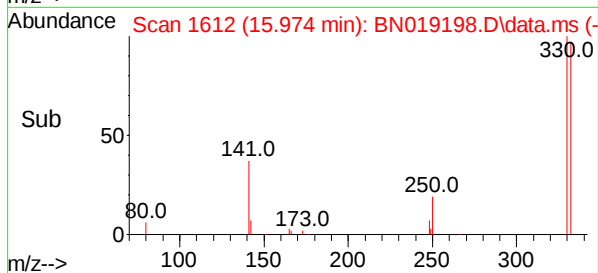
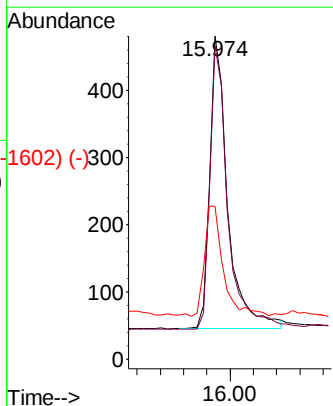
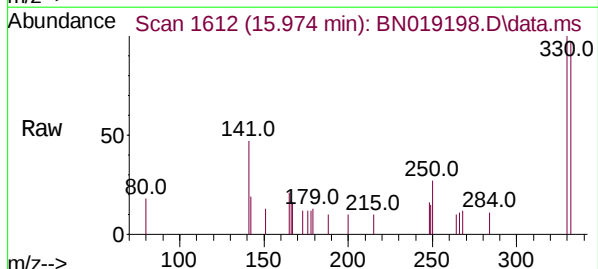
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:	164	Resp:	6336
Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.2	127.8
160	50.1	41.5	62.3

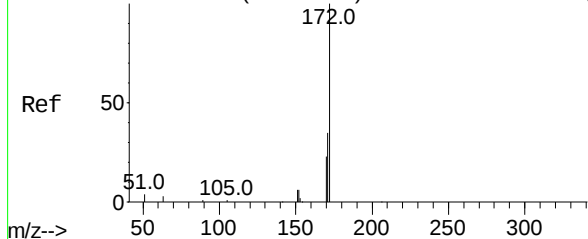


2,4,6-Tribromophenol
 Concen: 0.302 ng
 RT: 15.974 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BN019198.D
 Acq: 28 Mar 2022 17:00

Tgt Ion:	330	Resp:	931
Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	38.8	32.2	48.2



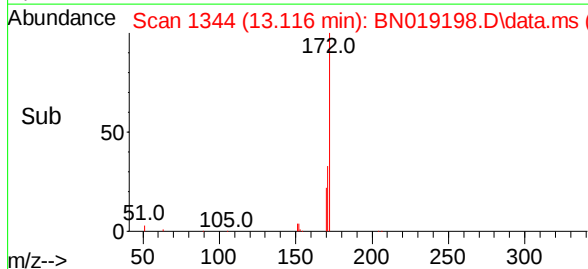
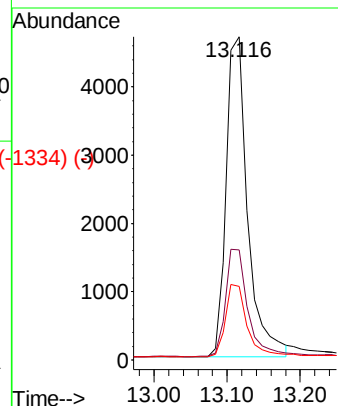
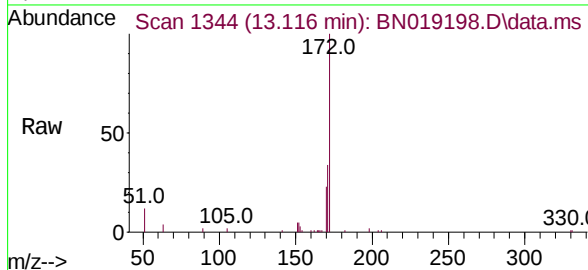
Abundance Scan 1343 (13.105 min): BN019158.D\data.ms (-1315) (-)



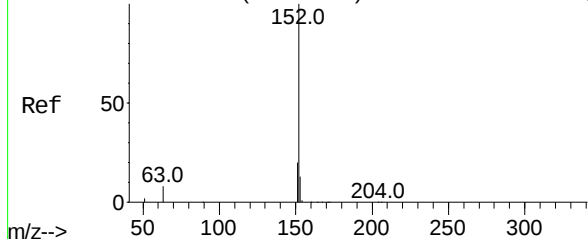
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.116 min Scan# 1343
Delta R.T. 0.011 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:	172	Resp:	9496
Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.2	42.2
170	22.8	18.7	28.1

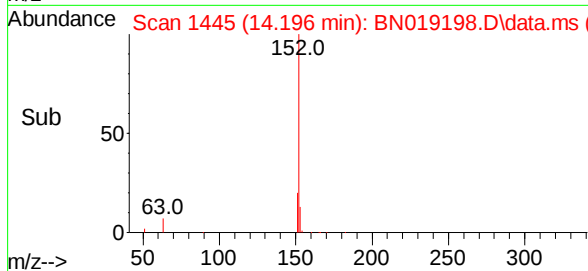
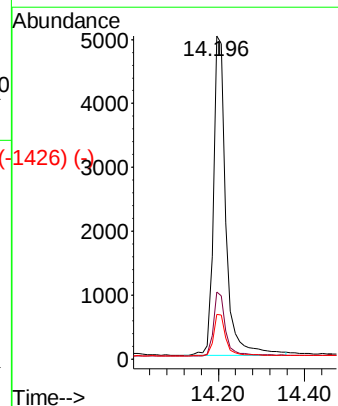
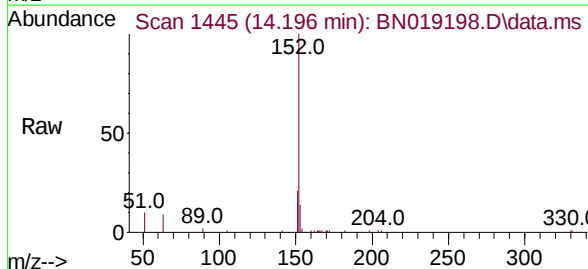


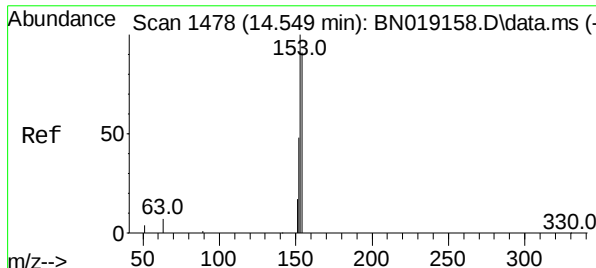
Abundance Scan 1445 (14.196 min): BN019158.D\data.ms (-1416) (-)



Acenaphthylene
Concen: 0.351 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Tgt Ion:	152	Resp:	10154
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.3	10.6	15.8





Acenaphthene

Concen: 0.359 ng

RT: 14.549 min Scan# 1478

Delta R.T. -0.000 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

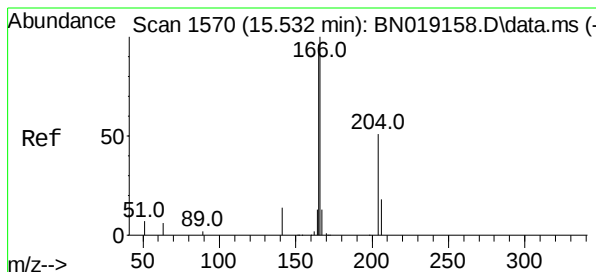
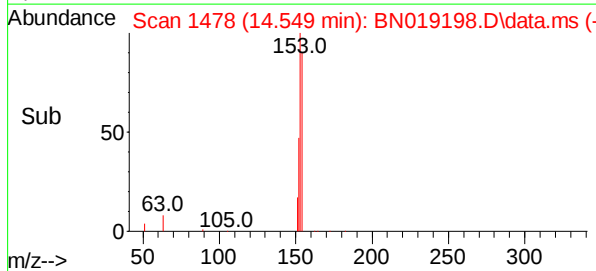
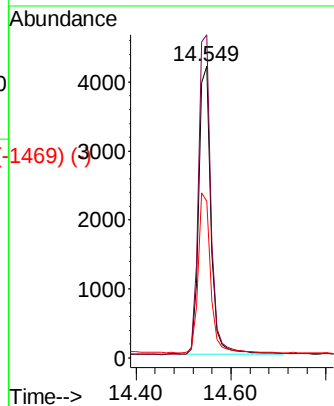
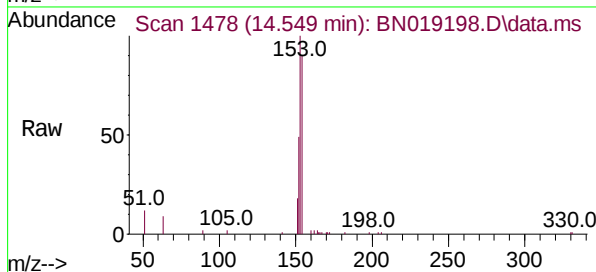
Tgt Ion:154 Resp: 7357

Ion Ratio Lower Upper

154 100

153 115.0 89.7 134.5

152 56.3 44.7 67.1



Fluorene

Concen: 0.353 ng

RT: 15.532 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

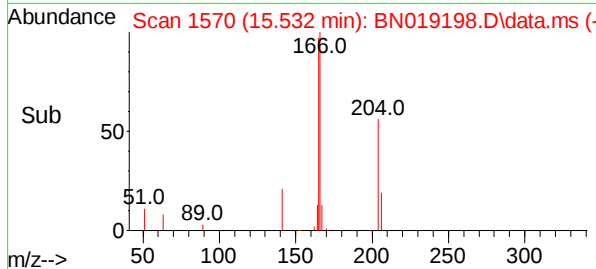
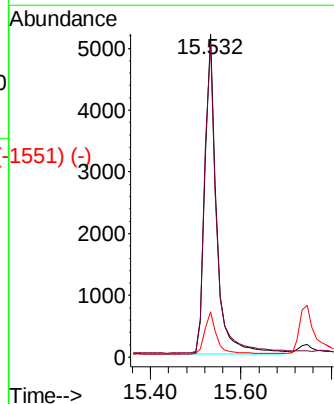
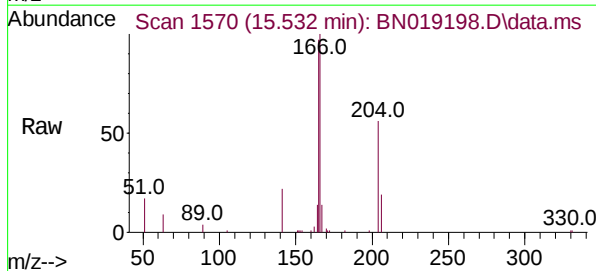
Tgt Ion:166 Resp: 9208

Ion Ratio Lower Upper

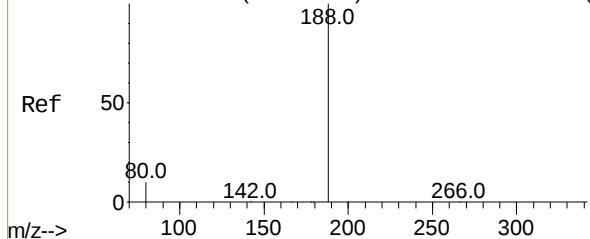
166 100

165 98.4 79.2 118.8

167 13.6 10.7 16.1



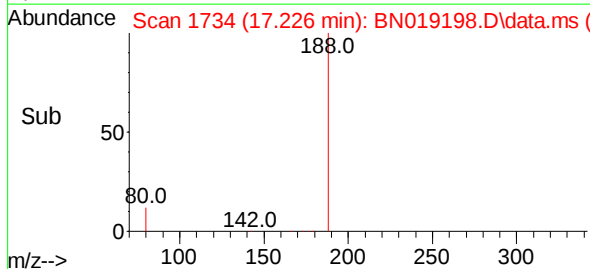
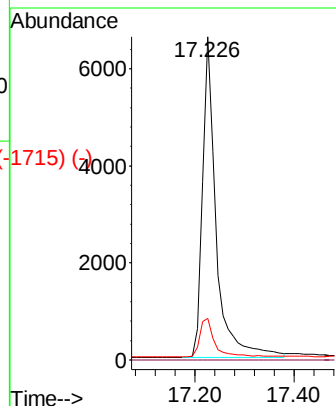
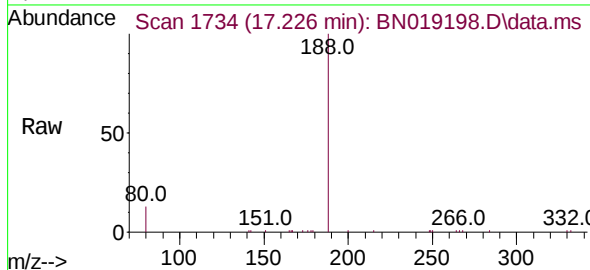
Abundance Scan 1734 (17.226 min): BN019158.D\data.ms (-1719) (-)



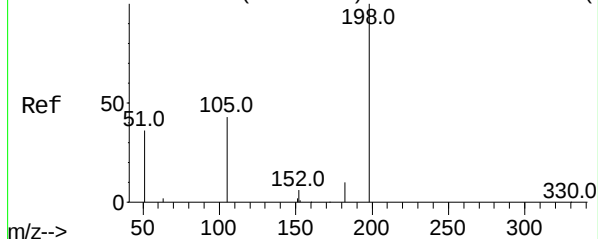
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:	188	Resp:	12565
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.9	11.8	17.8

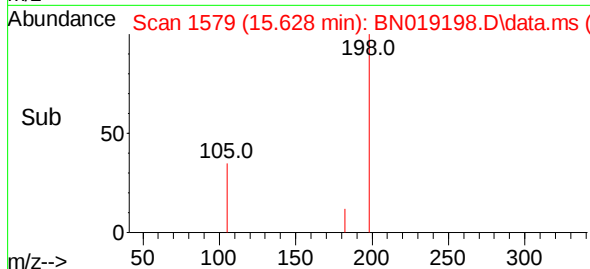
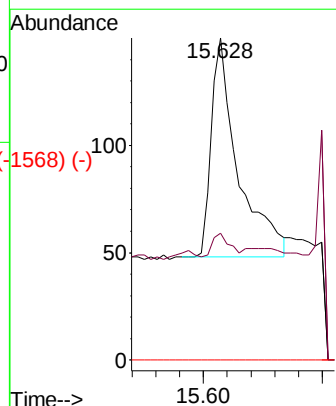
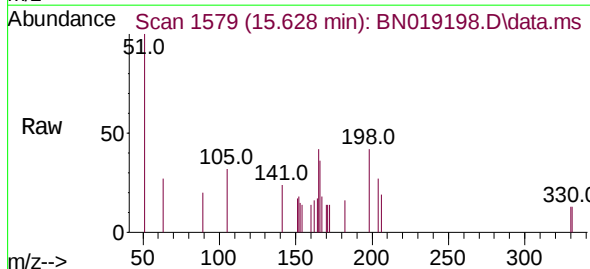


Abundance Scan 1577 (15.607 min): BN019158.D\data.ms (-1529) (-)



4,6-Dinitro-2-methylphenol
Concen: 0.156 ng
RT: 15.628 min Scan# 1579
Delta R.T. 0.021 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

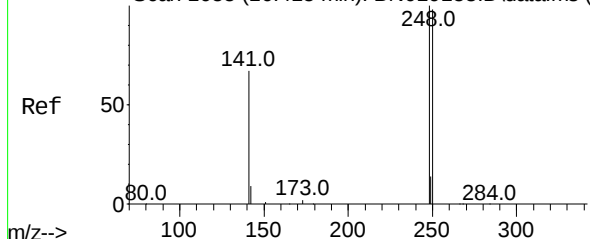
Tgt Ion:	198	Resp:	319
Ion Ratio	Lower	Upper	
198	100		
182	39.3	13.0	19.4#
77	0.0	0.0	0.0



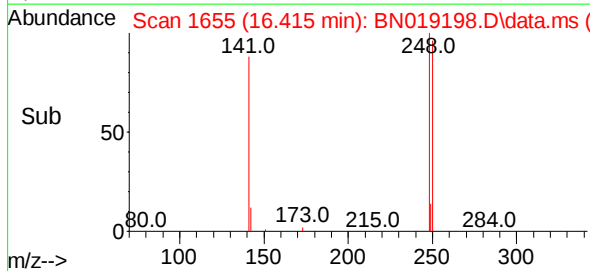
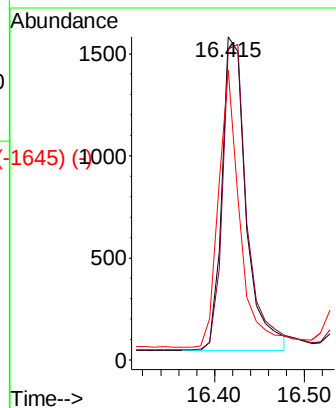
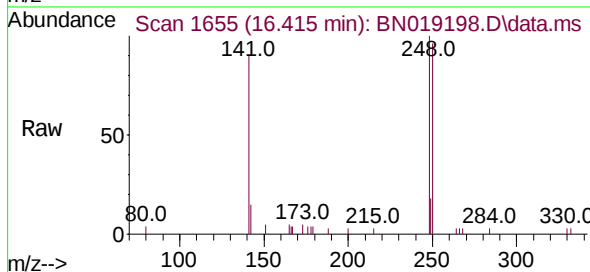
Abundance Scan 1655 (16.415 min): BN019158.D\data.ms (-1645) (-)

4-Bromophenyl-phenylether
Concen: 0.350 ng
RT: 16.415 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC



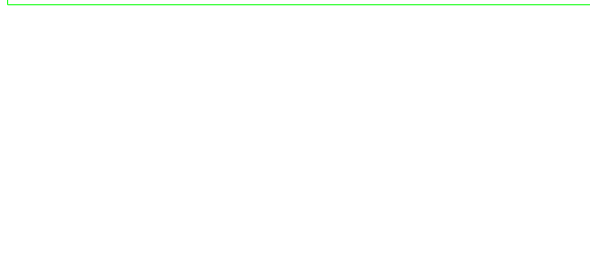
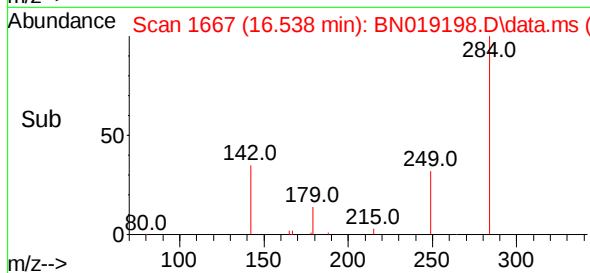
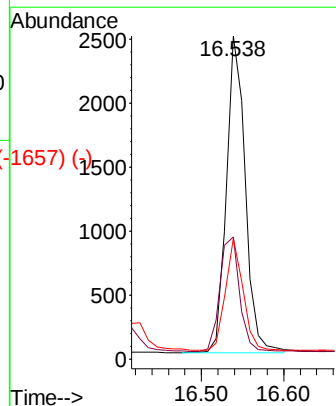
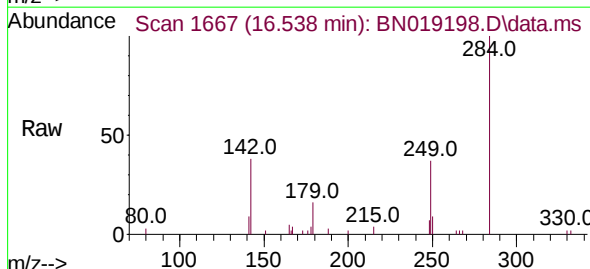
Tgt Ion:	248	Resp:	2858
Ion Ratio	Lower	Upper	
248	100		
250	96.1	80.7	121.1
141	89.7	39.6	59.4#



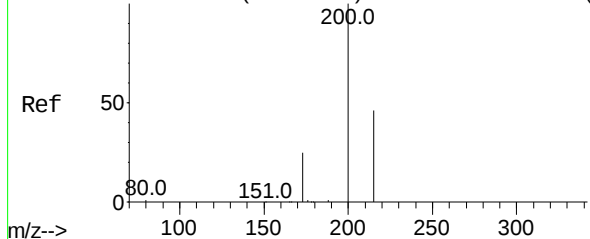
Abundance Scan 1667 (16.538 min): BN019158.D\data.ms (-1645) (-)

Hexachlorobenzene
Concen: 0.403 ng
RT: 16.538 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Tgt Ion:	284	Resp:	3893
Ion Ratio	Lower	Upper	
284	100		
142	37.8	29.8	44.8
249	33.3	26.2	39.2



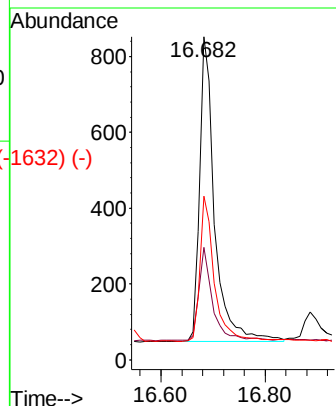
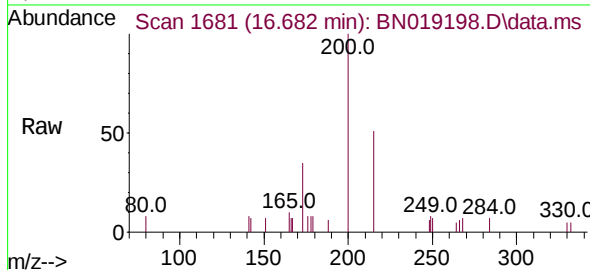
Abundance Scan 1681 (16.682 min): BN019158.D\data.ms (-1623) (-)



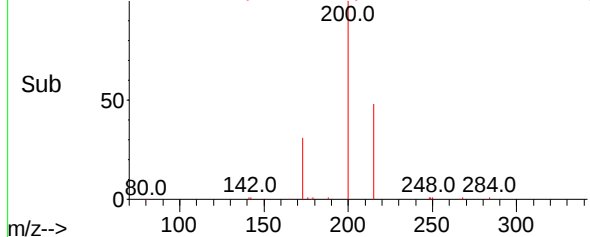
Atrazine
Concen: 0.284 ng
RT: 16.682 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

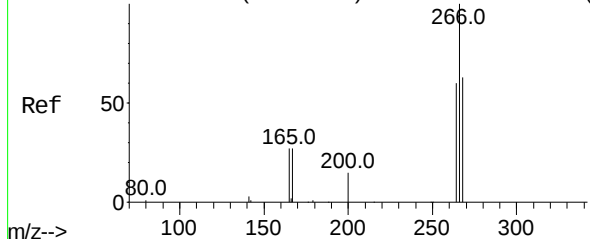
Tgt Ion:200 Resp: 1606
Ion Ratio Lower Upper
200 100
173 34.9 23.9 35.9
215 50.6 36.6 54.8



Abundance Scan 1681 (16.682 min): BN019198.D\data.ms (-1632) (-)

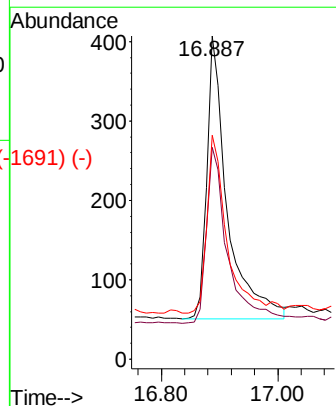
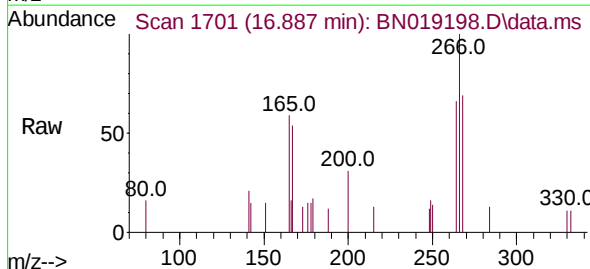


Abundance Scan 1701 (16.887 min): BN019158.D\data.ms (-1624) (-)

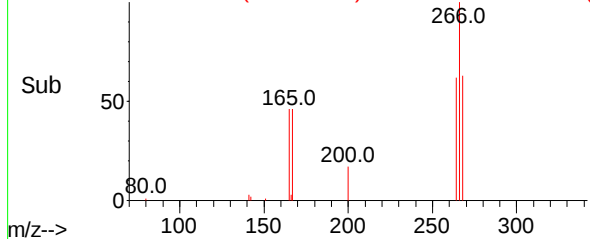


Pentachlorophenol
Concen: 0.251 ng
RT: 16.887 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

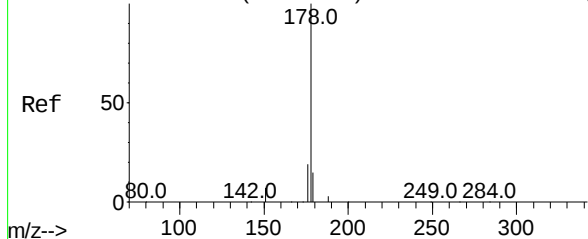
Tgt Ion:266 Resp: 868
Ion Ratio Lower Upper
266 100
264 66.5 50.2 75.4
268 62.7 51.9 77.9



Abundance Scan 1701 (16.887 min): BN019198.D\data.ms (-1691) (-)



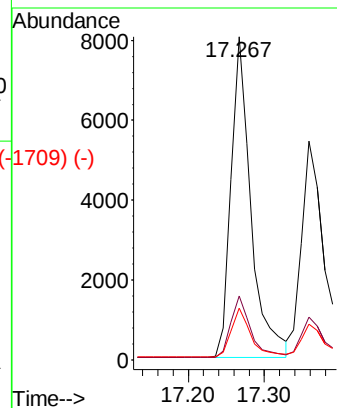
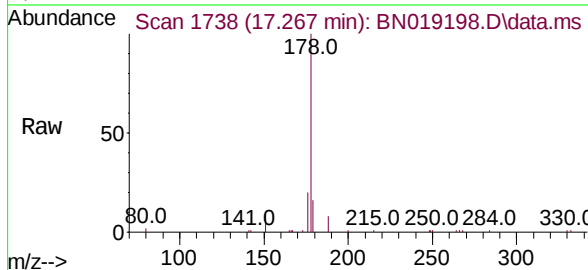
Abundance Scan 1738 (17.267 min): BN019158.D\data.ms (-1728) (-)



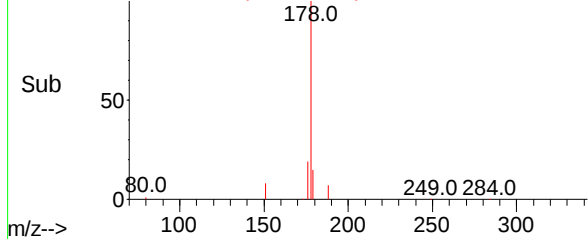
Phenanthrene
Concen: 0.360 ng
RT: 17.267 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

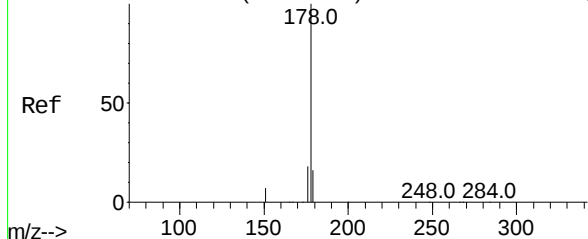
Tgt Ion:	178	Resp:	14492
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.4	23.0
179	15.2	12.2	18.2



Abundance Scan 1738 (17.267 min): BN019198.D\data.ms (-1709) (-)

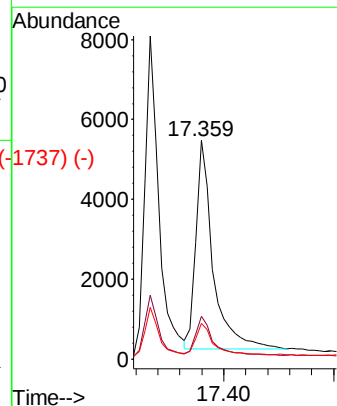
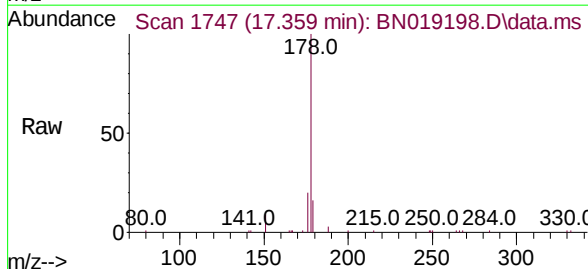


Abundance Scan 1747 (17.359 min): BN019158.D\data.ms (-1728) (-)

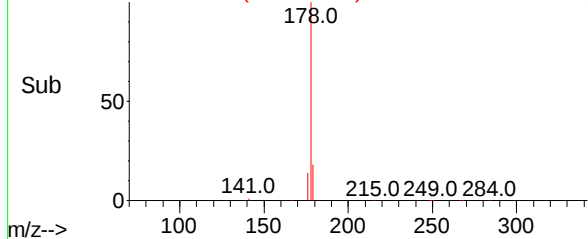


Anthracene
Concen: 0.337 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

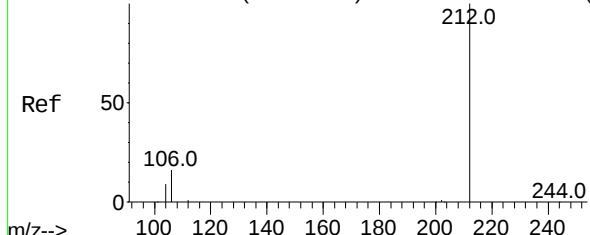
Tgt Ion:	178	Resp:	11260
Ion Ratio	Lower	Upper	
178	100		
176	18.4	14.8	22.2
179	15.2	12.2	18.4



Abundance Scan 1747 (17.359 min): BN019198.D\data.ms (-1737) (-)



Abundance Scan 2107 (19.257 min): BN019158.D\data.ms (-2027) (-)



Fluoranthene-d10

Concen: 0.363 ng

RT: 19.261 min Scan# 2107

Delta R.T. 0.004 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

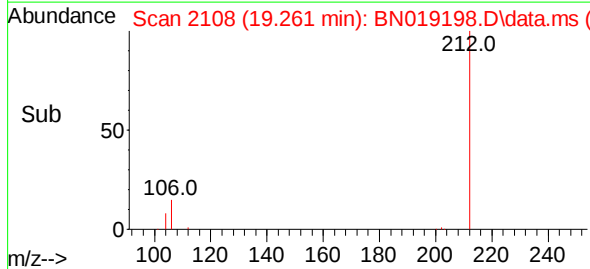
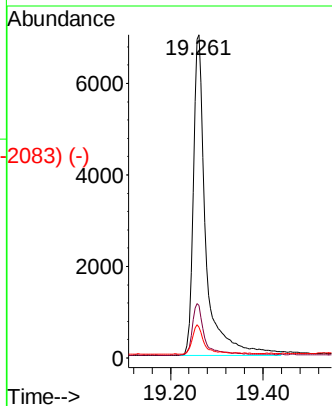
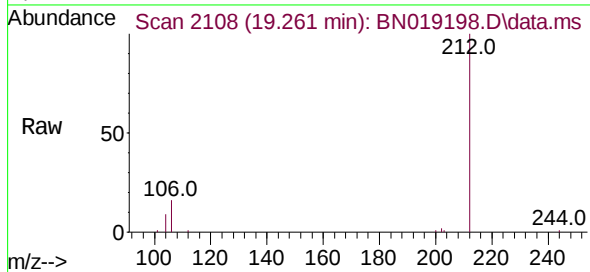
Tgt Ion:212 Resp: 13351

Ion Ratio Lower Upper

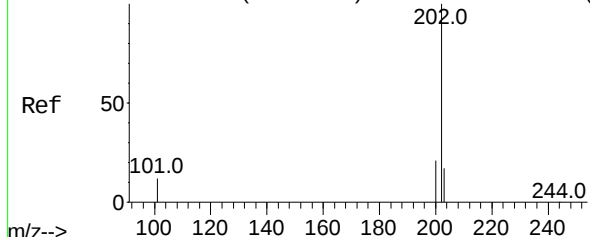
212 100

106 15.6 12.7 19.1

104 8.9 7.1 10.7



Abundance Scan 2114 (19.286 min): BN019158.D\data.ms (-2124) (-)



Fluoranthene

Concen: 0.371 ng

RT: 19.291 min Scan# 2115

Delta R.T. 0.004 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

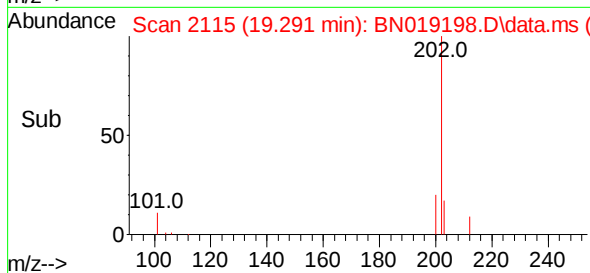
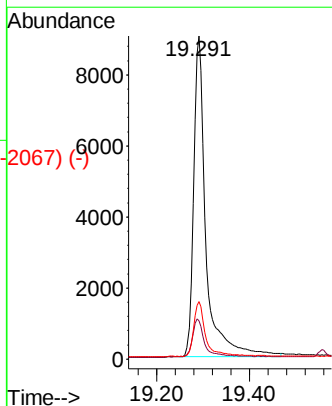
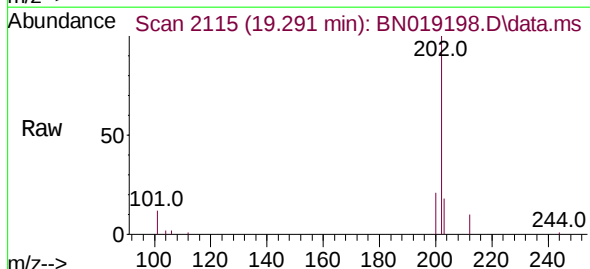
Tgt Ion:202 Resp: 16887

Ion Ratio Lower Upper

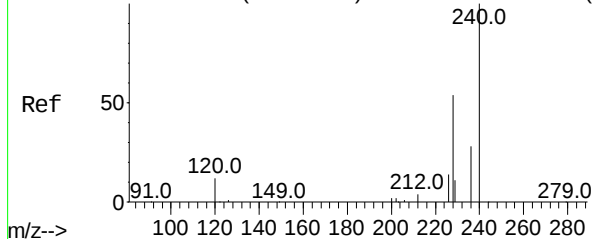
202 100

101 11.6 9.8 14.6

203 16.7 13.7 20.5



Abundance Scan 2442 (21.413 min): BN019158.D\data.ms (-2420) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.422 min Scan# 2442

Delta R.T. 0.009 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

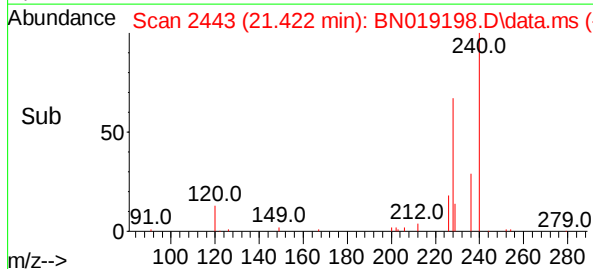
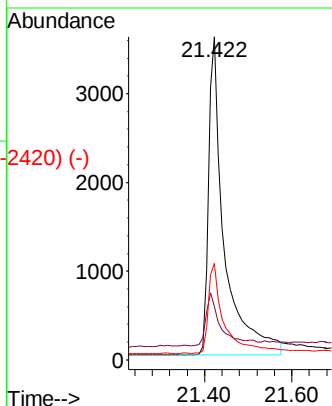
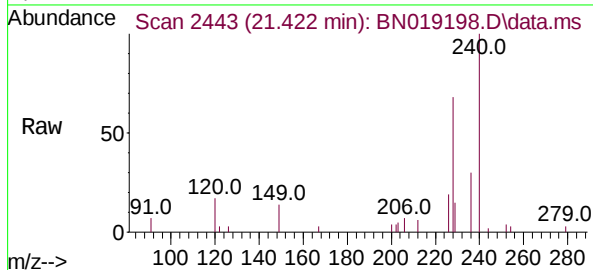
Tgt Ion:240 Resp: 9051

Ion Ratio Lower Upper

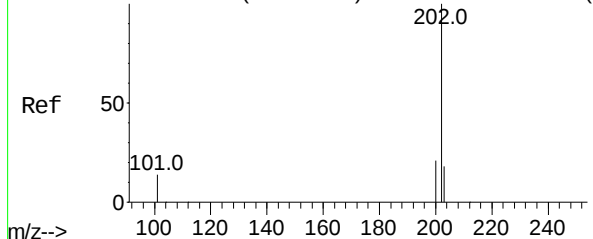
240 100

120 16.6 8.5 12.7#

236 30.0 22.4 33.6



Abundance Scan 2200 (19.649 min): BN019158.D\data.ms (-2130) (-)



Pyrene

Concen: 0.409 ng

RT: 19.653 min Scan# 2201

Delta R.T. 0.004 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

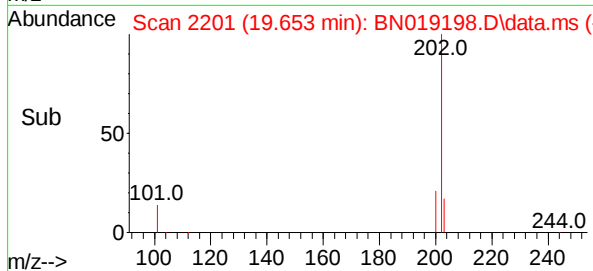
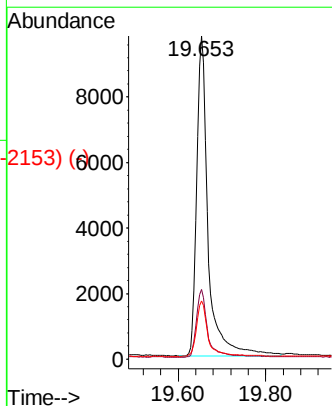
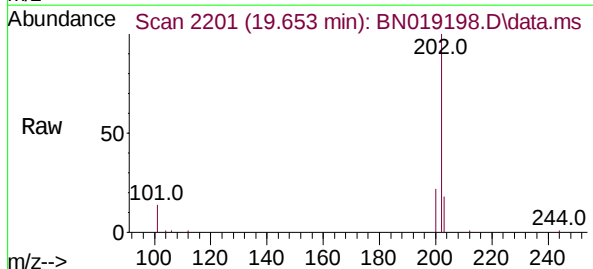
Tgt Ion:202 Resp: 17481

Ion Ratio Lower Upper

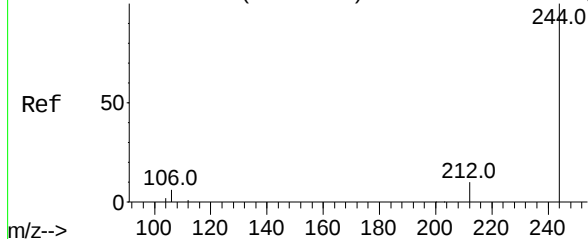
202 100

200 20.8 16.9 25.3

203 18.0 14.2 21.2



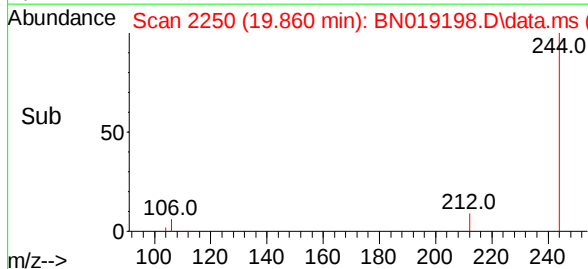
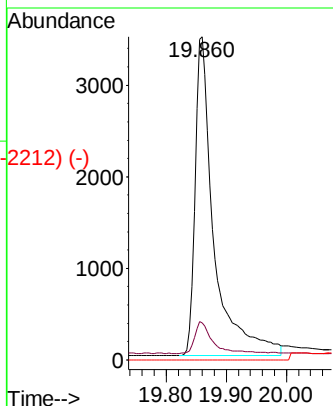
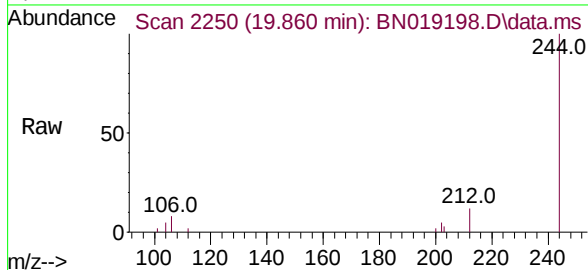
Abundance Scan 2248 (19.851 min): BN019158.D\data.ms (-234) (-)



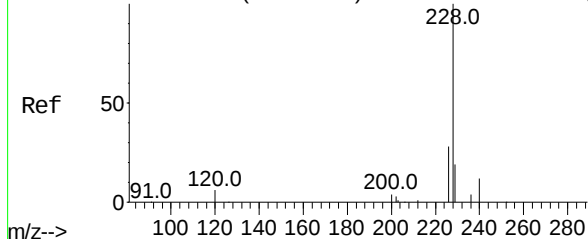
Terphenyl-d14
Concen: 0.371 ng
RT: 19.860 min Scan# 2248
Delta R.T. 0.008 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:	244	Resp:	7488
Ion	Ratio	Lower	Upper
244	100		
212	11.6	8.2	12.4
122	0.0	0.0	0.0

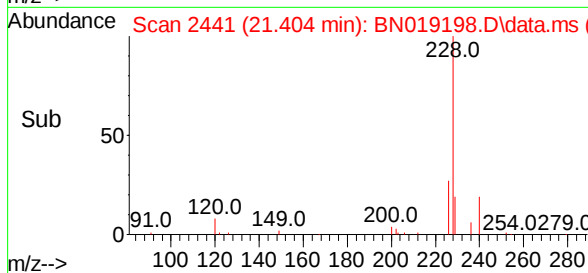
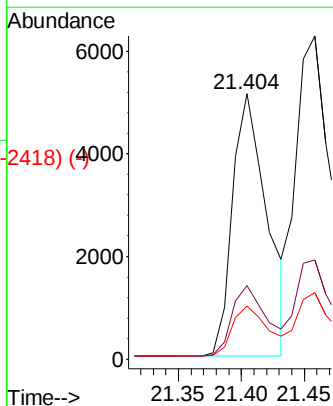
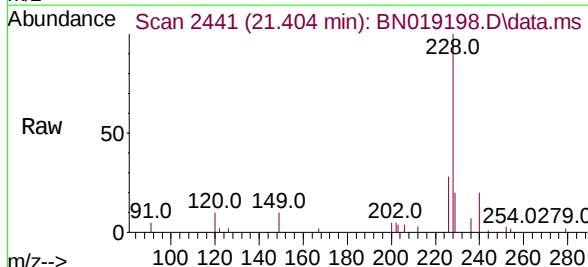


Abundance Scan 2440 (21.396 min): BN019158.D\data.ms (-2432) (-)

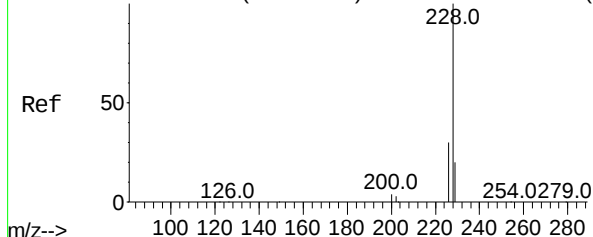


Benzo(a)anthracene
Concen: 0.335 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.009 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Tgt Ion:	228	Resp:	9737
Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.9	32.9
229	20.0	16.0	24.0



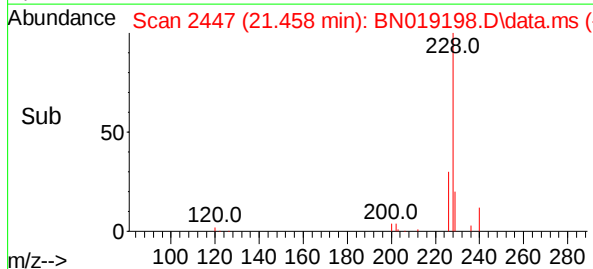
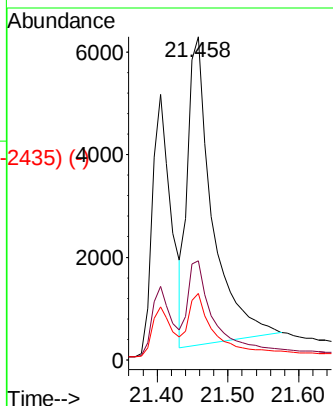
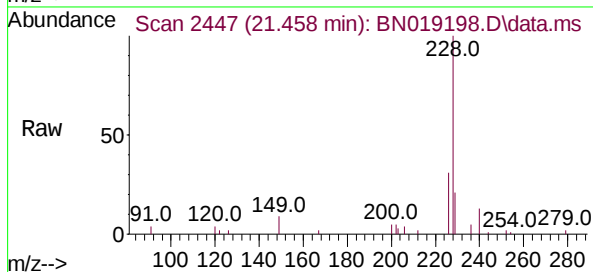
Abundance Scan 2446 (21.449 min): BN019158.D\data.ms (-2438) (-)



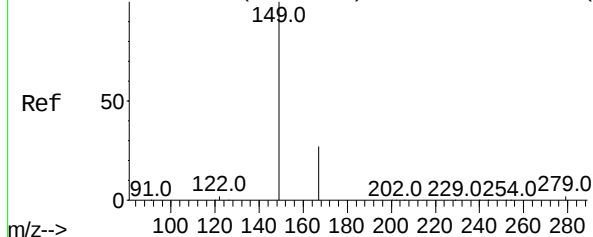
Chrysene
Concen: 0.388 ng
RT: 21.458 min Scan# 2438
Delta R.T. 0.009 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:	228	Resp:	14466
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	20.5	15.9	23.9

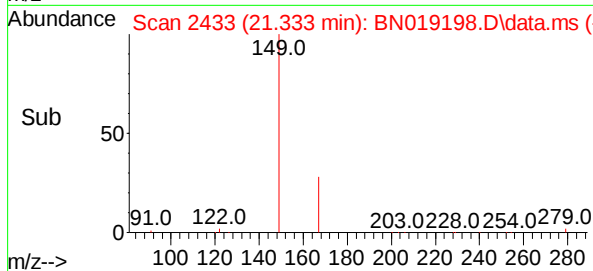
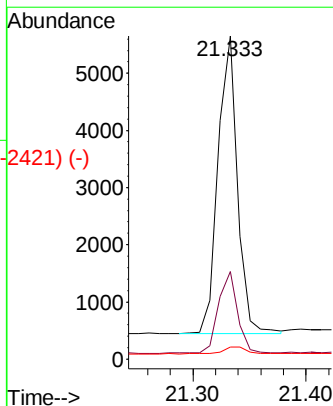
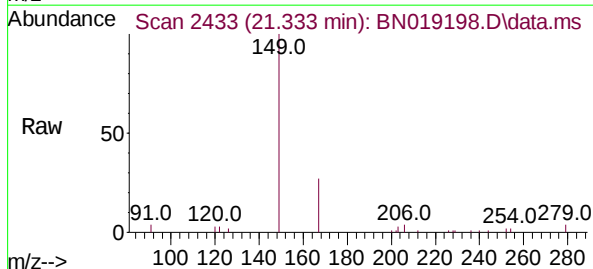


Abundance Scan 2432 (21.324 min): BN019158.D\data.ms (-2426) (-)



Bis(2-ethylhexyl)phthalate
Concen: 0.355 ng
RT: 21.333 min Scan# 2433
Delta R.T. 0.009 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Tgt Ion:	149	Resp:	6291
Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	2.7	2.0	3.0



Abundance Scan 3022 (23.779 min): BN019158.D\data.ms (-3025) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.787 min Scan# 3025

Delta R.T. 0.009 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:264 Resp: 7715

Ion Ratio Lower Upper

264 100

260 28.5 22.4 33.6

265 64.6 25.3 37.9#

Abundance Scan 3025 (23.787 min): BN019198.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 3025 (23.787 min): BN019198.D\data.ms (-2971) (-)

Sub 50

264.0

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.787

2000

1500

1000

500

0

Time-->

23.80

Abundance Scan 3861 (26.232 min): BN019158.D\data.ms (-3830) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.324 ng

RT: 26.240 min Scan# 3864

Delta R.T. 0.009 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

Tgt Ion:276 Resp: 9997

Ion Ratio Lower Upper

276 100

138 27.4 24.5 36.7

277 24.8 19.8 29.8

Abundance Scan 3864 (26.240 min): BN019198.D\data.ms

Ref 50

276.0

Raw 50

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3864 (26.240 min): BN019198.D\data.ms (-3827) (-)

Sub 50

276.0

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

26.240

2000

1500

1000

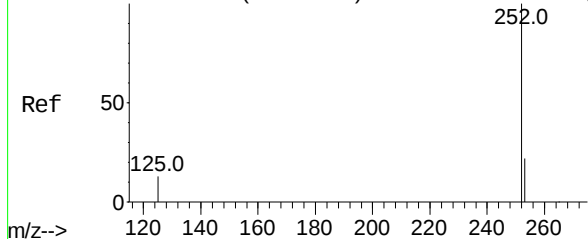
500

0

Time-->

26.20

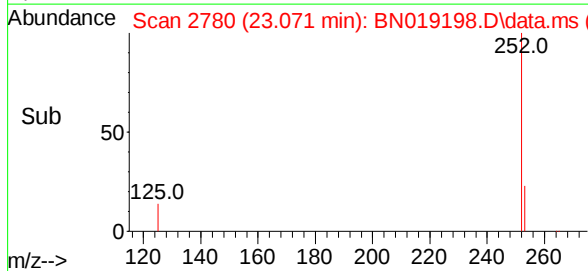
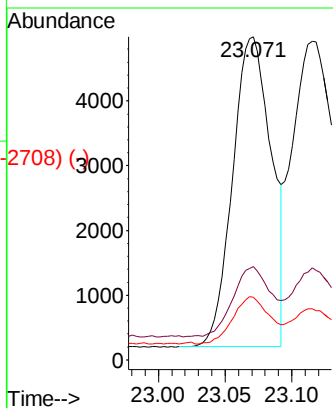
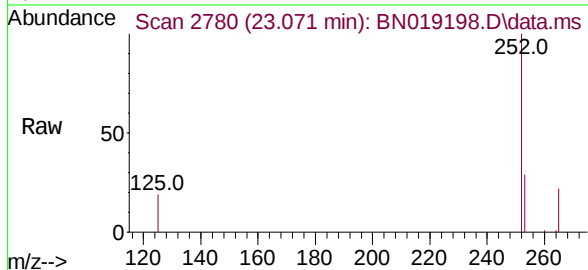
Abundance Scan 2776 (23.060 min): BN019158.D\data.ms (-2737) (-)



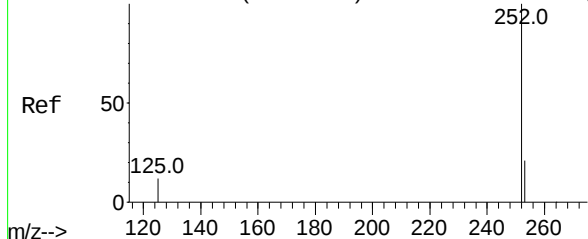
Benzo(b)fluoranthene
Concen: 0.330 ng
RT: 23.071 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:	252	Resp:	9659
Ion Ratio	Lower	Upper	
252	100		
253	28.8	18.9	28.3#
125	19.4	12.1	18.1#

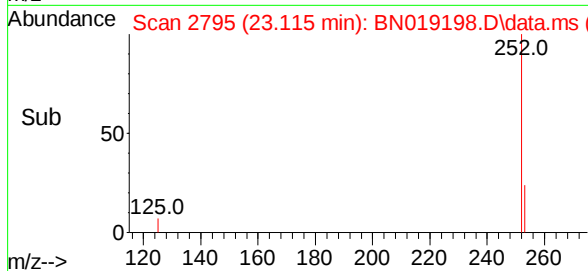
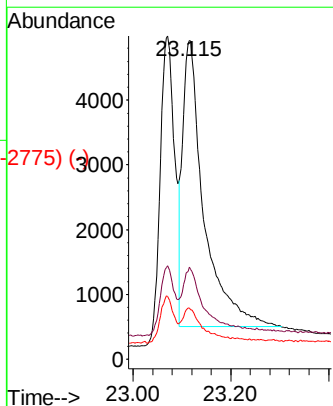
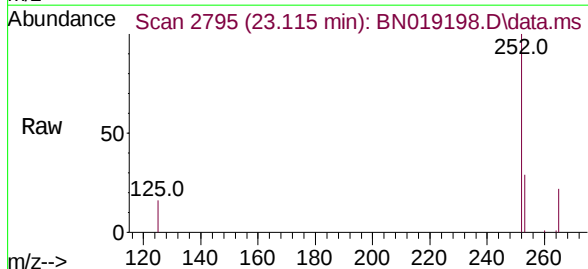


Abundance Scan 2792 (23.106 min): BN019158.D\data.ms (-2738) (-)



Benzo(k)fluoranthene
Concen: 0.357 ng
RT: 23.115 min Scan# 2795
Delta R.T. 0.009 min
Lab File: BN019198.D
Acq: 28 Mar 2022 17:00

Tgt Ion:	252	Resp:	13276
Ion Ratio	Lower	Upper	
252	100		
253	28.8	18.9	28.3#
125	16.1	10.3	15.5#



Abundance Scan 2986 (23.674 min): BN019158.D\data.ms (-2986) (-)

Benzo(a)pyrene

Concen: 0.338 ng

RT: 23.691 min Scan# 2992

Delta R.T. 0.017 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:252 Resp: 8490

Ion Ratio Lower Upper

252 100

253 34.7 20.1 30.1#

125 29.0 15.2 22.8#

Abundance Scan 2992 (23.691 min): BN019198.D\data.ms

252.0

125.0

Ref

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2992 (23.691 min): BN019198.D\data.ms (-2918) (-)

252.0

125.0

Sub

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.691

2500

2000

1500

1000

500

0

Time-->

23.60 23.70 23.80

Abundance Scan 3866 (26.246 min): BN019158.D\data.ms (-3866) (-)

Dibenzo(a,h)anthracene

Concen: 0.339 ng

RT: 26.261 min Scan# 3871

Delta R.T. 0.015 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

Tgt Ion:278 Resp: 7864

Ion Ratio Lower Upper

278 100

139 25.3 17.2 25.8

279 32.3 19.9 29.9#

Abundance Scan 3871 (26.261 min): BN019198.D\data.ms

276.0

138.0

Ref

50

0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3871 (26.261 min): BN019198.D\data.ms (-3832) (-)

276.0

138.0

Sub

50

0

m/z-->

140 160 180 200 220 240 260 280

Abundance

26.261

1000

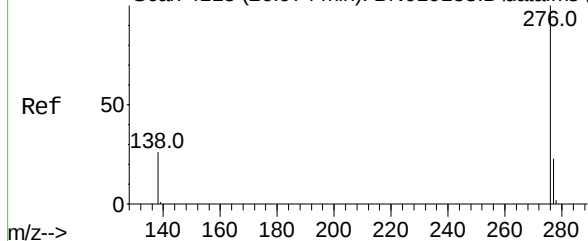
500

0

Time-->

26.20 26.40

Abundance Scan 4115 (26.974 min): BN019158.D\data.ms (-4047) (-)



Benzo(g,h,i)perylene

Concen: 0.381 ng

RT: 26.983 min Scan# 4118

Delta R.T. 0.009 min

Lab File: BN019198.D

Acq: 28 Mar 2022 17:00

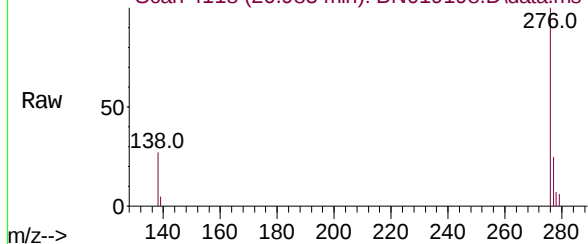
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Abundance Scan 4118 (26.983 min): BN019198.D\data.ms



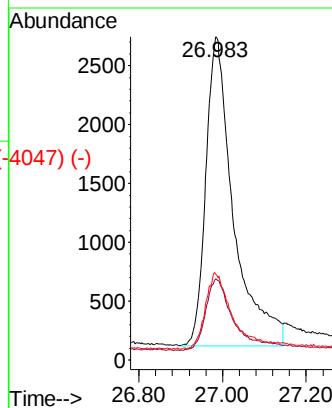
Tgt Ion: 276 Resp: 12090

Ion Ratio Lower Upper

276 100

277 25.2 19.4 29.0

138 26.6 21.0 31.6



Abundance Scan 4118 (26.983 min): BN019198.D\data.ms (-4047) (-)

