

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
 Data File : BN025470.D
 Acq On : 18 May 2023 11:37
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: May 18 17:46:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 15:44:09 2023
 Response via : Initial Calibration

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

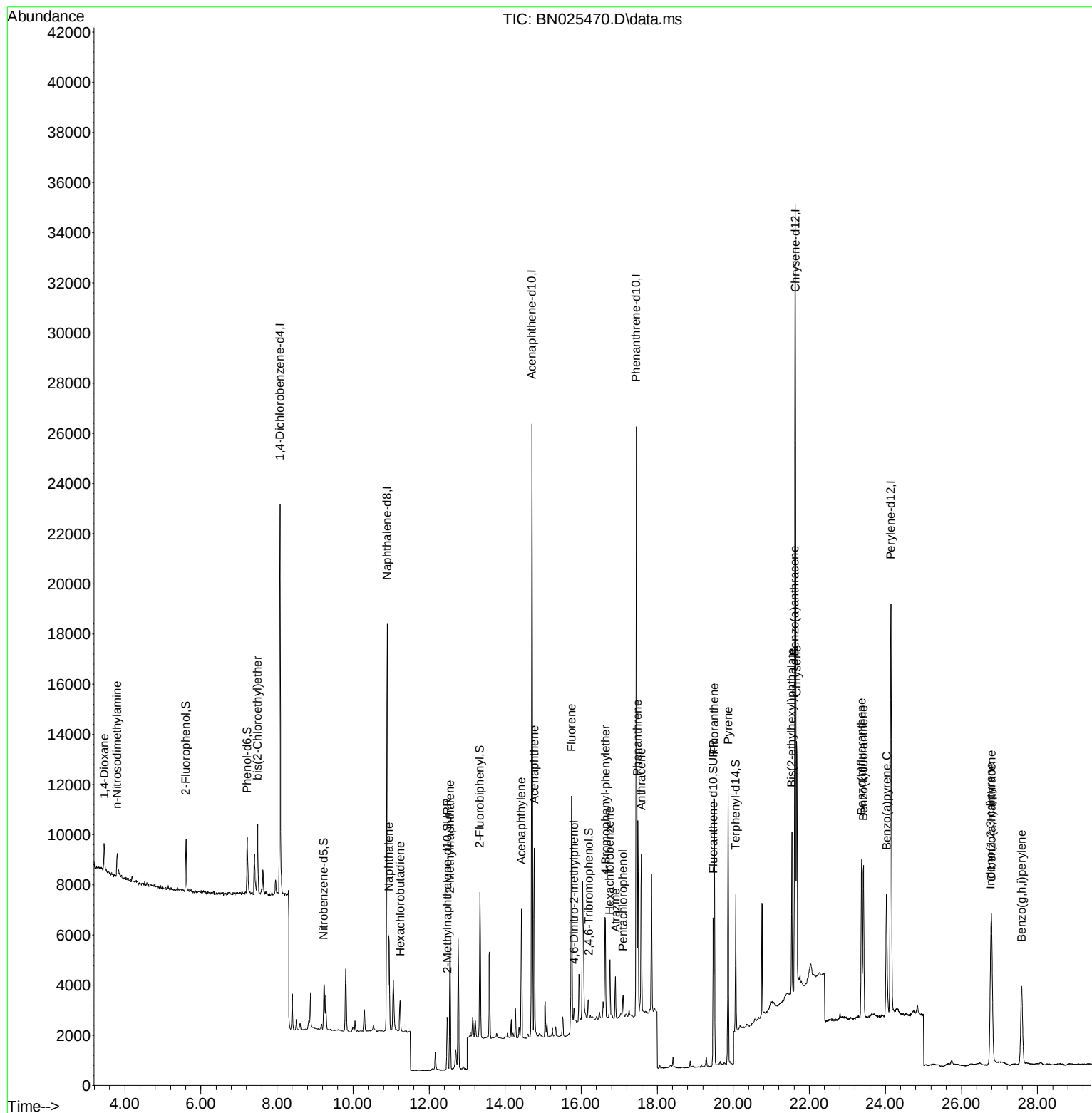
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	7662	0.400	ng	0.00
7) Naphthalene-d8	10.899	136	21590	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	13405	0.400	ng	0.00
19) Phenanthrene-d10	17.447	188	29867	0.400	ng	0.00
29) Chrysene-d12	21.629	240	26257	0.400	ng	# 0.00
35) Perylene-d12	24.145	264	24677	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	1753	0.101	ng	0.00
5) Phenol-d6	7.218	99	2186	0.098	ng	0.00
8) Nitrobenzene-d5	9.234	82	1627	0.094	ng	0.00
11) 2-Methylnaphthalene-d10	12.476	152	2843	0.095	ng	0.00
14) 2,4,6-Tribromophenol	16.194	330	480	0.092	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	5020	0.098	ng	0.00
27) Fluoranthene-d10	19.473	212	6562	0.095	ng	0.00
31) Terphenyl-d14	20.062	244	4021	0.086	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	900	0.115	ng	92
3) n-Nitrosodimethylamine	3.794	42	736	0.085	ng	# 89
6) bis(2-Chloroethyl)ether	7.492	93	2245	0.104	ng	96
9) Naphthalene	10.942	128	5279	0.096	ng	95
10) Hexachlorobutadiene	11.241	225	1027	0.098	ng	# 99
12) 2-Methylnaphthalene	12.551	142	3718	0.094	ng	98
16) Acenaphthylene	14.427	152	5490	0.090	ng	100
17) Acenaphthene	14.769	154	3688	0.091	ng	97
18) Fluorene	15.747	166	4621	0.093	ng	99
20) 4,6-Dinitro-2-methylph...	15.809	198	505	0.081	ng	# 1
21) 4-Bromophenyl-phenylether	16.641	248	1673	0.095	ng	97
22) Hexachlorobenzene	16.752	284	1560	0.095	ng	98
23) Atrazine	16.901	200	1326	0.093	ng	94
24) Pentachlorophenol	17.100	266	528	0.064	ng	95
25) Phenanthrene	17.485	178	8514	0.097	ng	99
26) Anthracene	17.584	178	7514	0.092	ng	99
28) Fluoranthene	19.502	202	9248	0.093	ng	99
30) Pyrene	19.865	202	9676	0.092	ng	99
32) Benzo(a)anthracene	21.611	228	8983	0.094	ng	97
33) Chrysene	21.665	228	8727	0.093	ng	97
34) Bis(2-ethylhexyl)phtha...	21.540	149	5757	0.103	ng	99
36) Indeno(1,2,3-cd)pyrene	26.774	276	8676	0.087	ng	98
37) Benzo(b)fluoranthene	23.373	252	8410	0.092	ng	# 86
38) Benzo(k)fluoranthene	23.423	252	8541	0.092	ng	# 86
39) Benzo(a)pyrene	24.028	252	7868	0.091	ng	# 81
40) Dibenzo(a,h)anthracene	26.797	278	6839	0.085	ng	# 80
41) Benzo(g,h,i)perylene	27.586	276	7393	0.088	ng	92

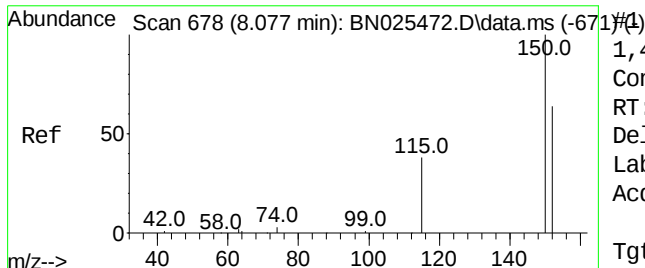
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.077 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

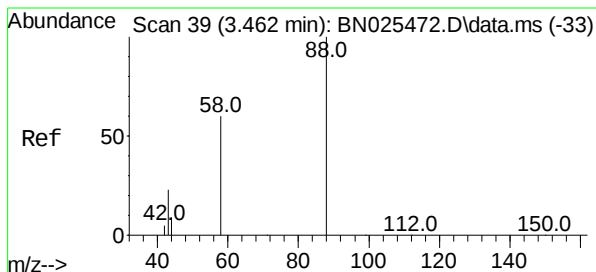
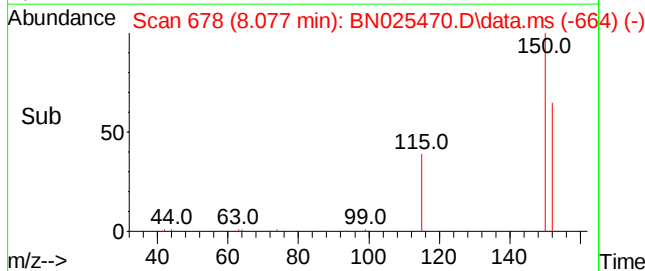
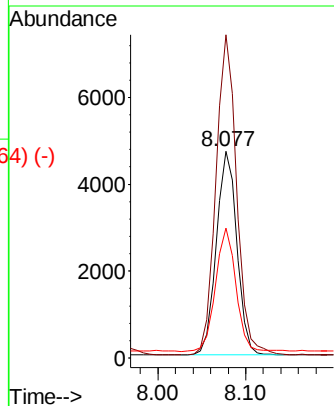
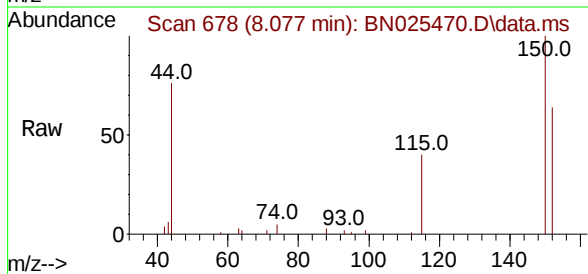
Tgt Ion:152 Resp: 7662

Ion Ratio Lower Upper

152 100

150 156.2 125.3 187.9

115 62.7 50.2 75.2



1,4-Dioxane

Concen: 0.115 ng

RT: 3.455 min Scan# 38

Delta R.T. -0.007 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

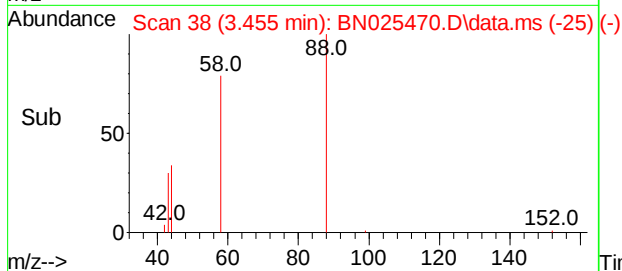
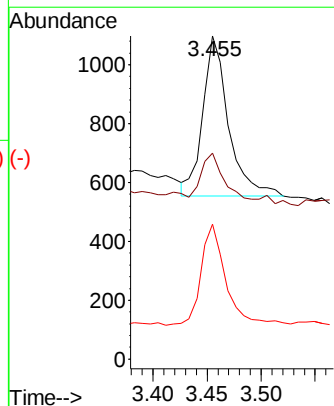
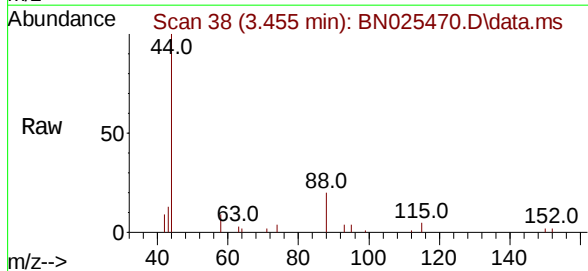
Tgt Ion: 88 Resp: 900

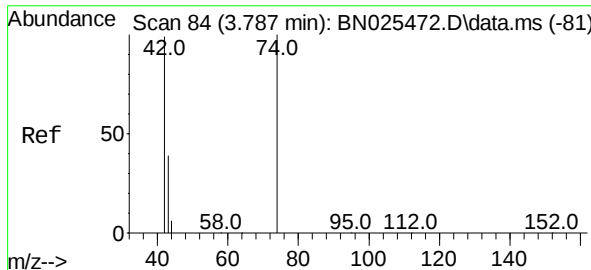
Ion Ratio Lower Upper

88 100

43 31.2 23.8 35.6

58 60.3 55.1 82.7

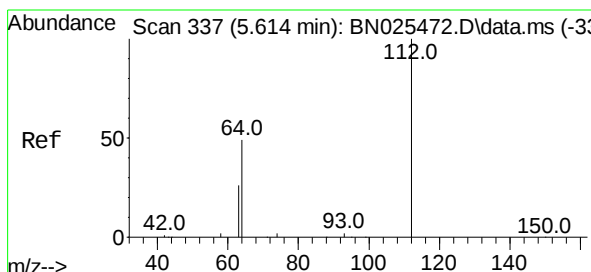
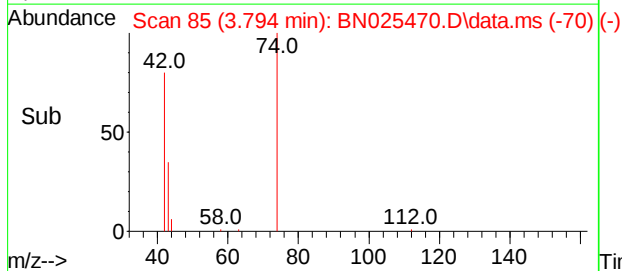
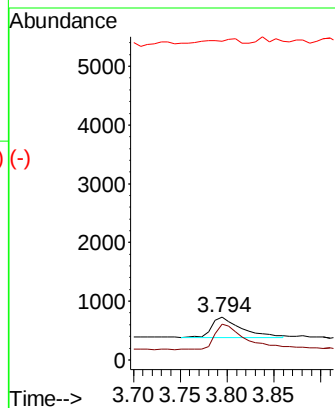
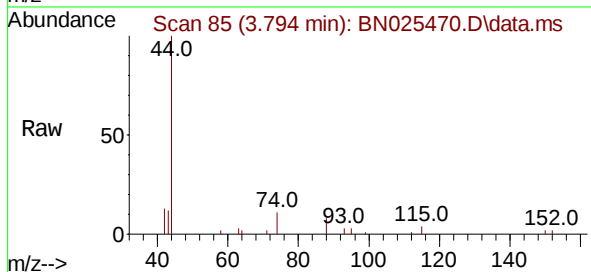




n-Nitrosodimethylamine
 Concen: 0.085 ng
 RT: 3.794 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: BN025470.D
 Acq: 18 May 2023 11:37

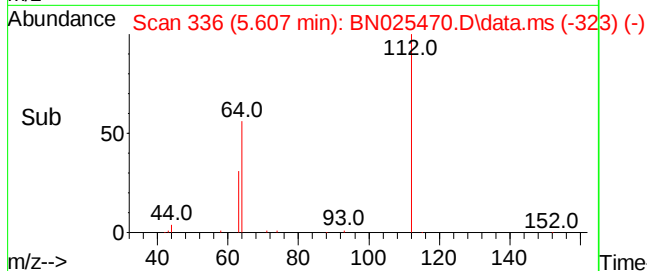
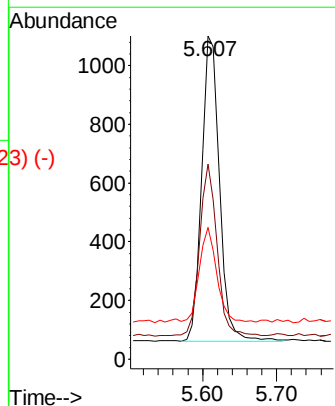
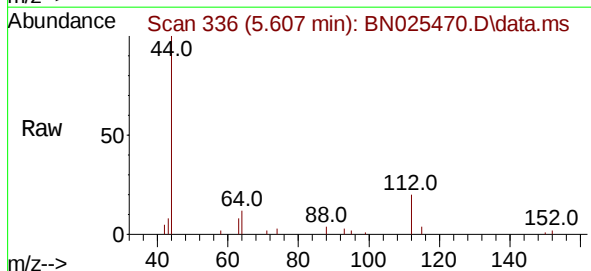
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

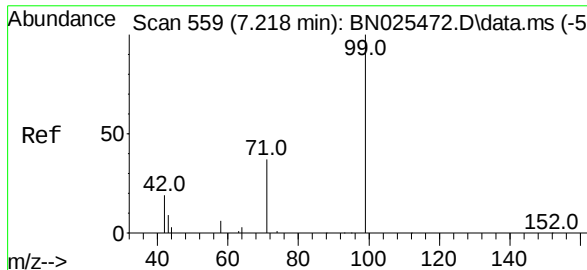
Tgt Ion: 42 Resp: 736
 Ion Ratio Lower Upper
 42 100
 74 133.8 100.2 150.4
 44 28.4 8.6 12.8#



2-Fluorophenol
 Concen: 0.101 ng
 RT: 5.607 min Scan# 336
 Delta R.T. -0.007 min
 Lab File: BN025470.D
 Acq: 18 May 2023 11:37

Tgt Ion: 112 Resp: 1753
 Ion Ratio Lower Upper
 112 100
 64 54.4 44.0 66.0
 63 31.8 24.0 36.0





Phenol-d6

Concen: 0.098 ng

RT: 7.218 min Scan# 559

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

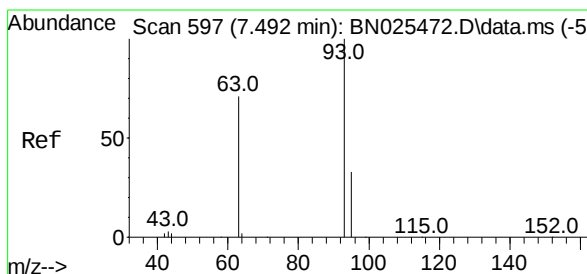
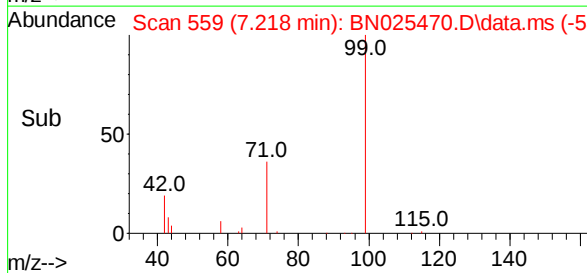
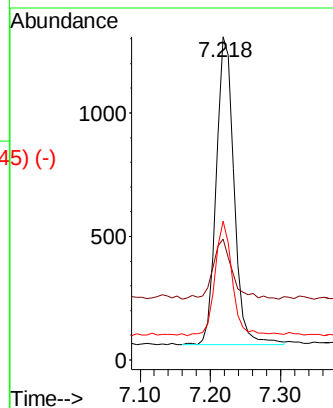
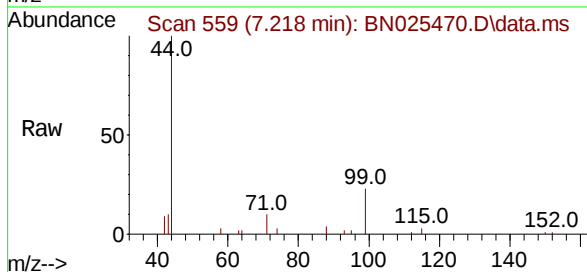
Tgt Ion: 99 Resp: 2186

Ion Ratio Lower Upper

99 100

42 21.5 15.8 23.8

71 36.1 28.6 43.0



bis(2-Chloroethyl)ether

Concen: 0.104 ng

RT: 7.492 min Scan# 597

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

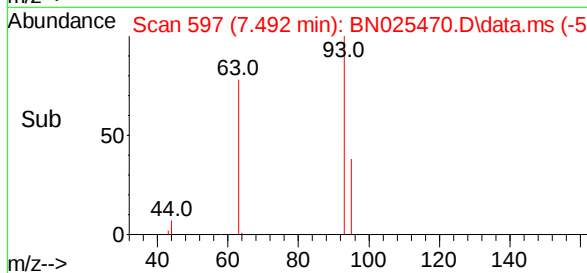
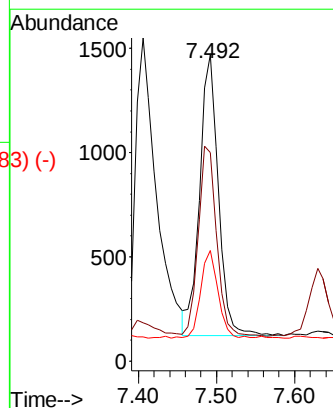
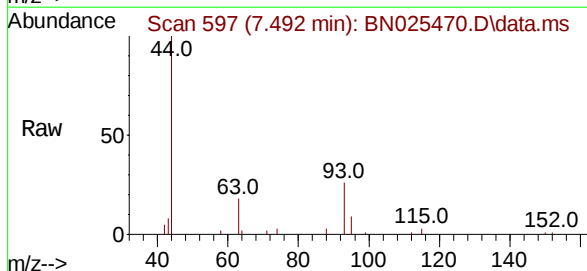
Tgt Ion: 93 Resp: 2245

Ion Ratio Lower Upper

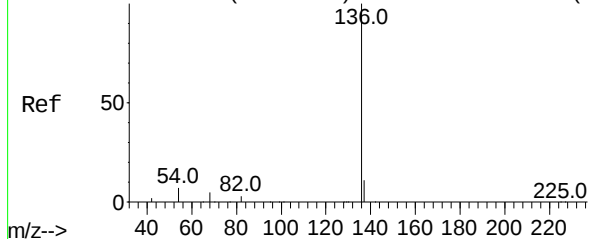
93 100

63 67.1 55.8 83.6

95 29.1 25.7 38.5



Abundance Scan 953 (10.899 min): BN025472.D\data.ms (-947) (-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.899 min Scan# 953

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

Tgt Ion:136 Resp: 21590

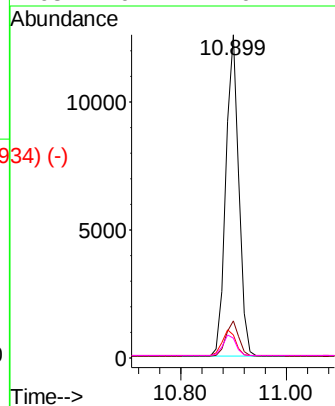
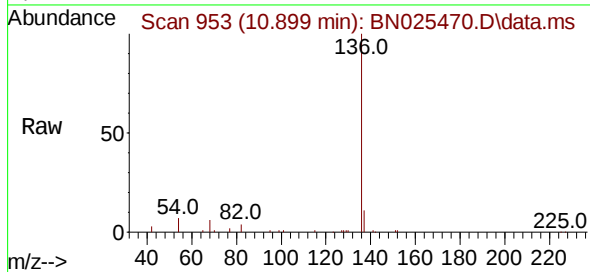
Ion Ratio Lower Upper

136 100

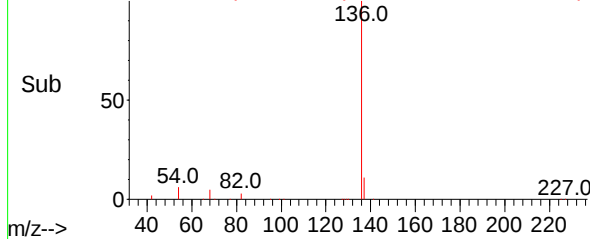
137 11.4 9.1 13.7

54 7.1 5.8 8.6

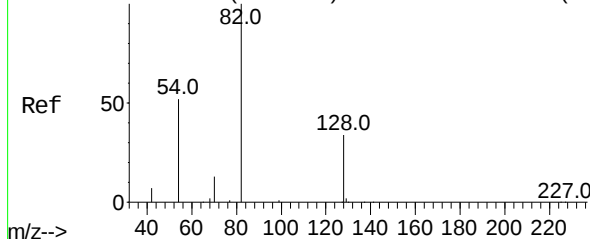
68 6.2 4.6 7.0



Abundance Scan 953 (10.899 min): BN025470.D\data.ms (-934) (-)



Abundance Scan 797 (9.234 min): BN025472.D\data.ms (-794) (-)



Nitrobenzene-d5

Concen: 0.094 ng

RT: 9.234 min Scan# 797

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

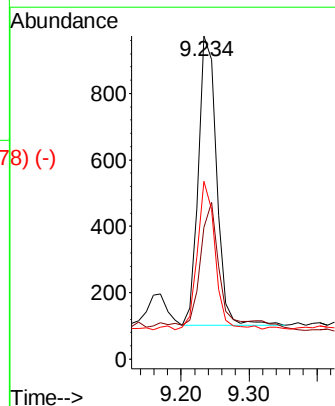
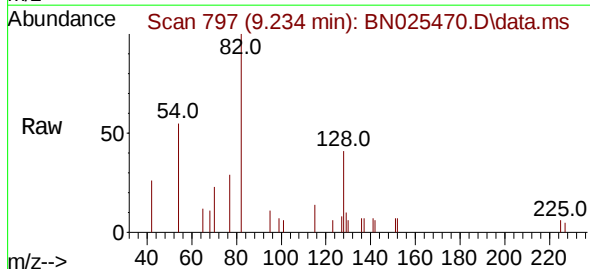
Tgt Ion: 82 Resp: 1627

Ion Ratio Lower Upper

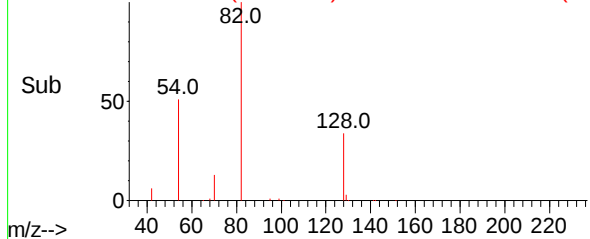
82 100

128 40.8 27.9 41.9

54 55.0 42.4 63.6



Abundance Scan 797 (9.234 min): BN025470.D\data.ms (-778) (-)



Abundance Scan 958 (10.953 min): BN025472.D\data.ms (-957) (-)

Naphthalene

Concen: 0.096 ng

RT: 10.942 min Scan# 958

Delta R.T. -0.011 min

Lab File: BN025470.D

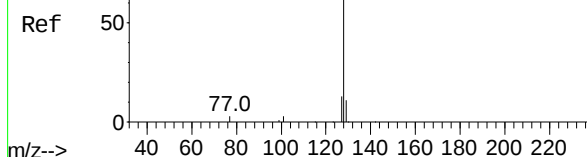
Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1



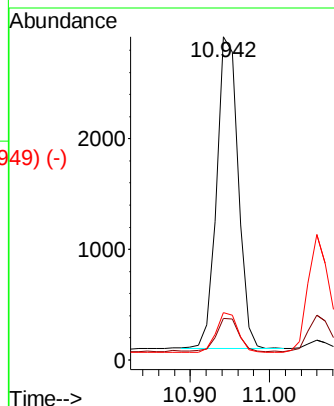
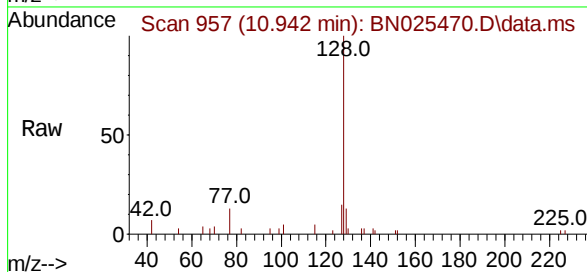
Tgt Ion:128 Resp: 5279

Ion Ratio Lower Upper

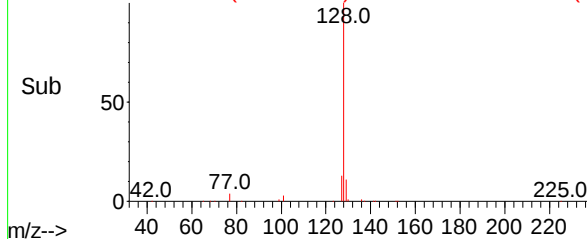
128 100

129 12.9 8.9 13.3

127 14.7 10.4 15.6



Abundance Scan 957 (10.942 min): BN025470.D\data.ms (-949) (-)



Abundance Scan 985 (11.241 min): BN025472.D\data.ms (-979) (-)

Hexachlorobutadiene

Concen: 0.098 ng

RT: 11.241 min Scan# 985

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

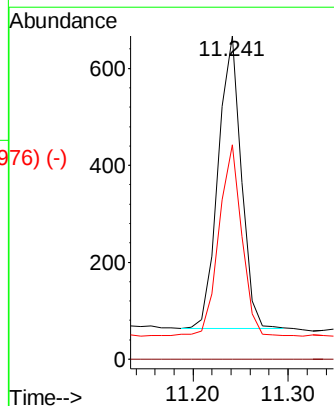
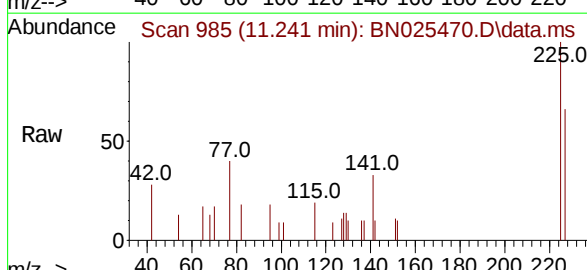
Tgt Ion:225 Resp: 1027

Ion Ratio Lower Upper

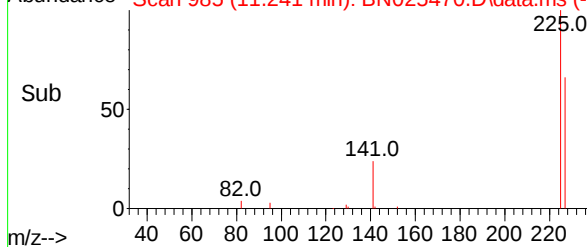
225 100

223 0.0 0.0 0.0

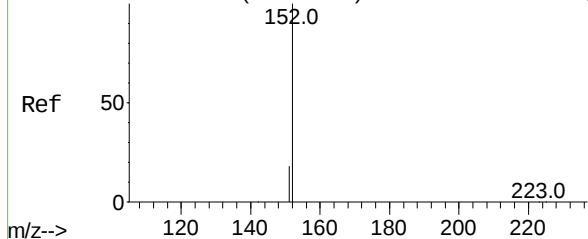
227 63.9 51.4 77.2



Abundance Scan 985 (11.241 min): BN025470.D\data.ms (-976) (-)



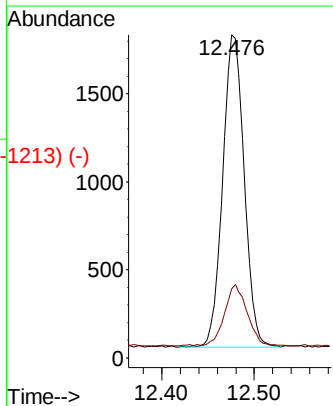
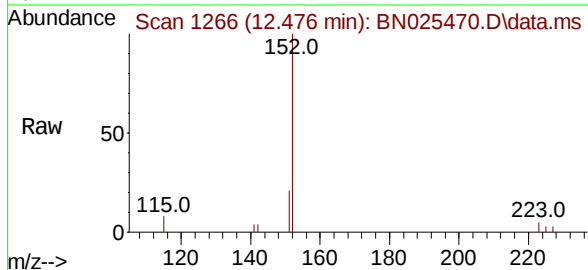
Abundance Scan 1266 (12.476 min): BN025472.D\data.ms (-1213) (-)



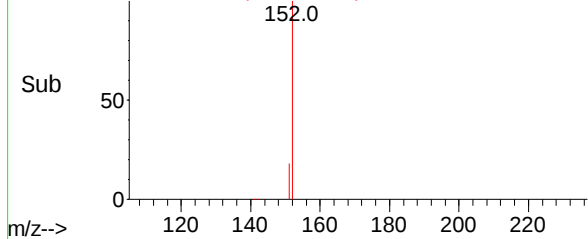
2-Methylnaphthalene-d10
Concen: 0.095 ng
RT: 12.476 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

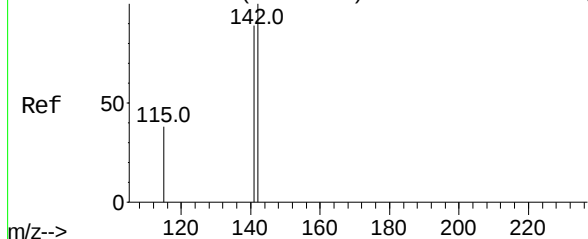
Tgt Ion:152 Resp: 2843
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8



Abundance Scan 1266 (12.476 min): BN025470.D\data.ms (-1213) (-)

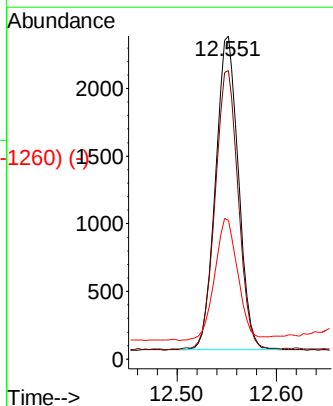
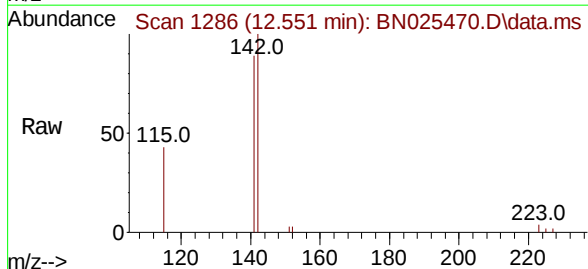


Abundance Scan 1286 (12.551 min): BN025472.D\data.ms (-1212) (-)

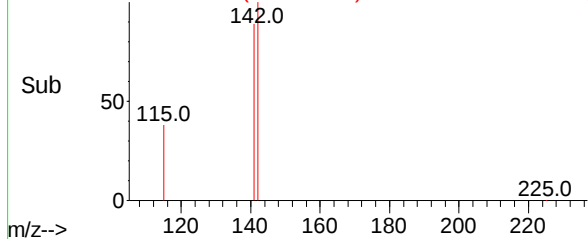


2-Methylnaphthalene
Concen: 0.094 ng
RT: 12.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:142 Resp: 3718
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7
115 43.0 31.3 46.9



Abundance Scan 1286 (12.551 min): BN025470.D\data.ms (-1260) (-)



Abundance Scan 1565 (14.705 min): BN025472.D\data.ms (-1546) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.705 min Scan# 1565

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:164 Resp: 13405

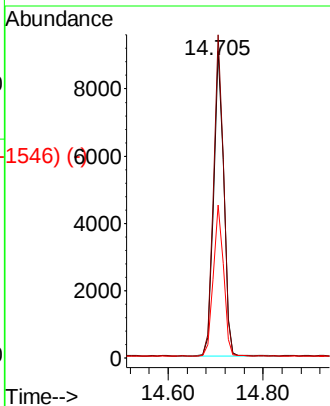
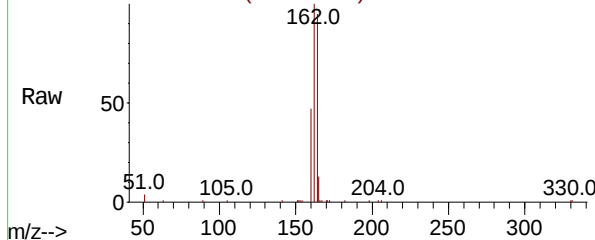
Ion Ratio Lower Upper

164 100

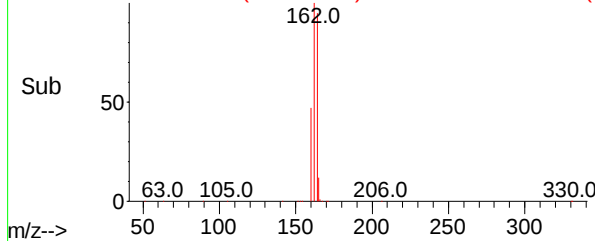
162 105.4 84.2 126.2

160 49.9 41.4 62.2

Abundance Scan 1565 (14.705 min): BN025470.D\data.ms



Abundance Scan 1565 (14.705 min): BN025470.D\data.ms (-1546) (-)



Abundance Scan 1698 (16.194 min): BN025472.D\data.ms (-1614) (-)

2,4,6-Tribromophenol

Concen: 0.092 ng

RT: 16.194 min Scan# 1698

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Tgt Ion:330 Resp: 480

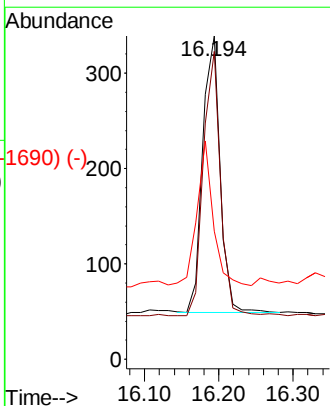
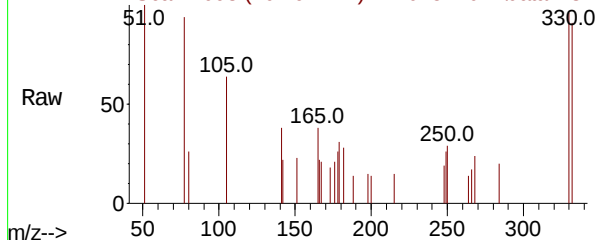
Ion Ratio Lower Upper

330 100

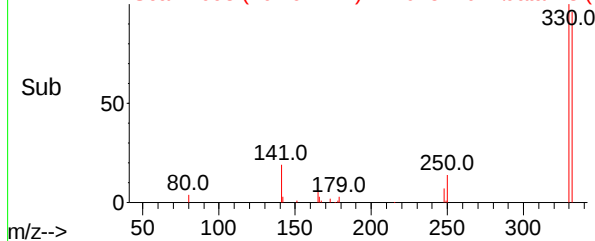
332 93.3 76.1 114.1

141 47.9 36.1 54.1

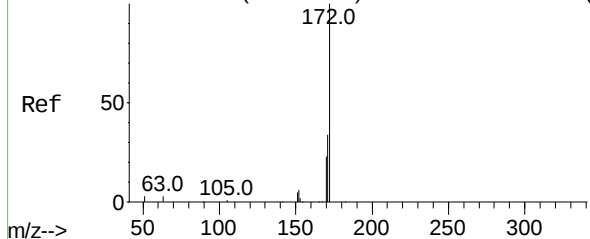
Abundance Scan 1698 (16.194 min): BN025470.D\data.ms



Abundance Scan 1698 (16.194 min): BN025470.D\data.ms (-1690) (-)



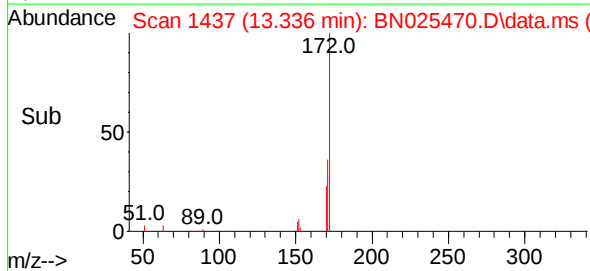
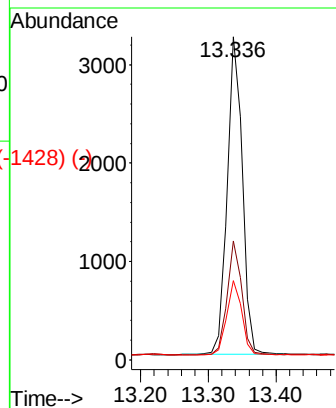
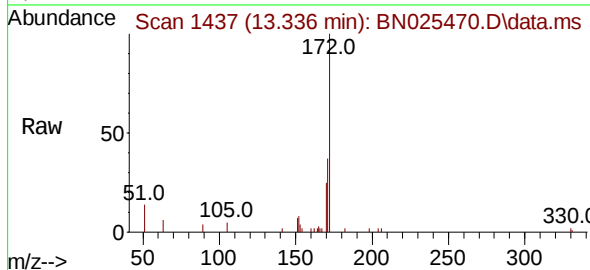
Abundance Scan 1437 (13.336 min): BN025472.D\data.ms (-1436)



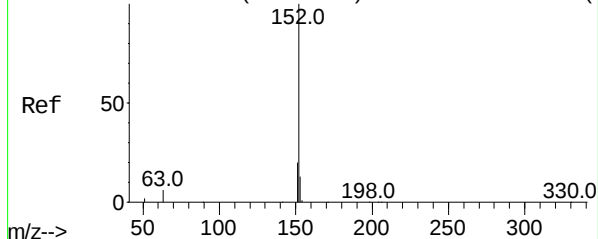
2-Fluorobiphenyl
Concen: 0.098 ng
RT: 13.336 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:	172	Resp:	5020
Ion	Ratio	Lower	Upper
172	100		
171	36.9	27.6	41.4
170	24.5	18.9	28.3

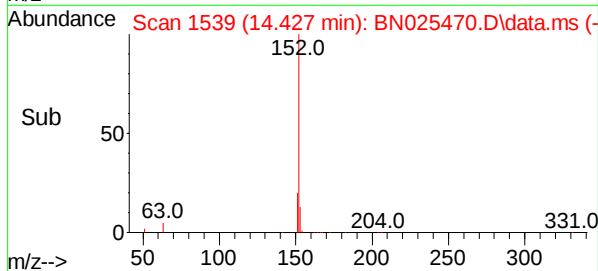
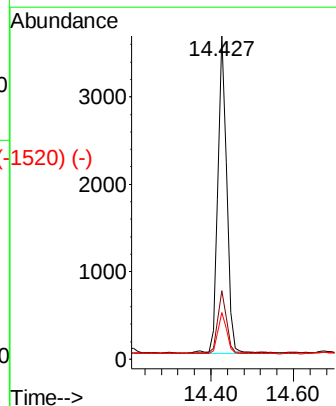
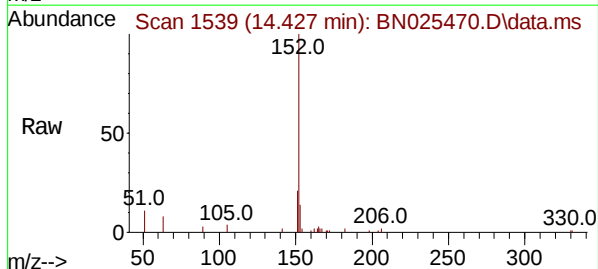


Abundance Scan 1539 (14.427 min): BN025472.D\data.ms (-1536)

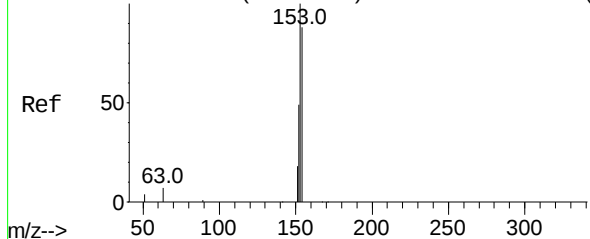


Acenaphthylene
Concen: 0.090 ng
RT: 14.427 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:	152	Resp:	5490
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	12.8	10.3	15.5



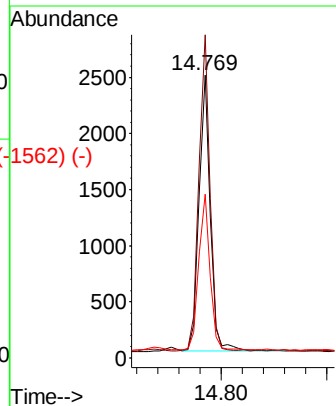
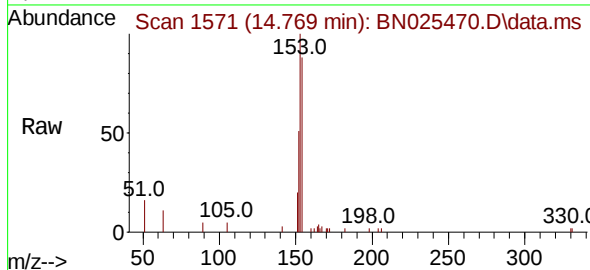
Abundance Scan 1571 (14.769 min): BN025472.D\data.ms (-1517) (-)



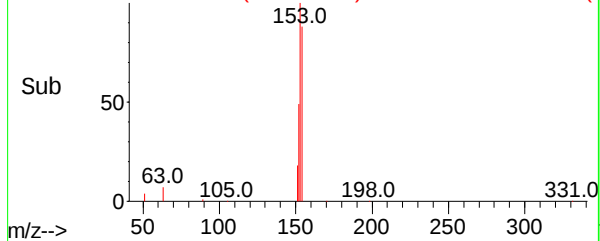
Acenaphthene
Concen: 0.091 ng
RT: 14.769 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

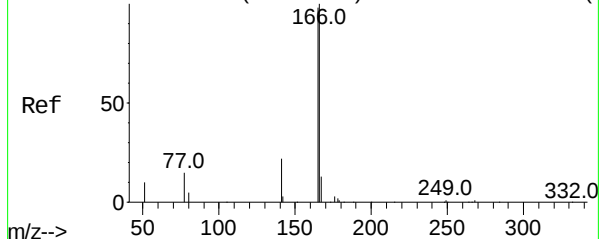
Tgt Ion:	154	Resp:	3688
Ion	Ratio	Lower	Upper
154	100		
153	112.3	86.9	130.3
152	56.5	43.9	65.9



Abundance Scan 1571 (14.769 min): BN025470.D\data.ms (-1562) (-)

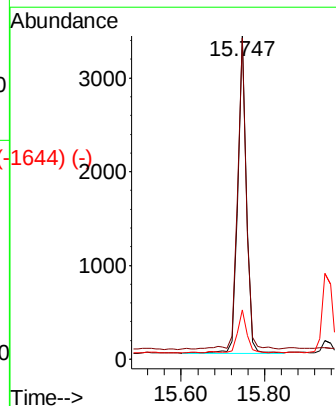
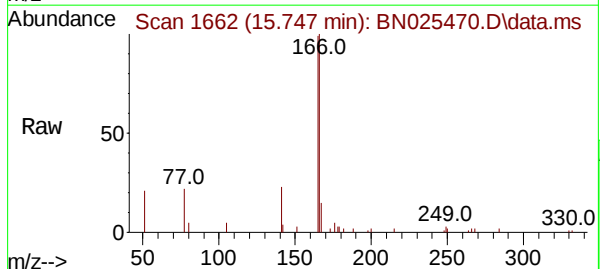


Abundance Scan 1662 (15.747 min): BN025472.D\data.ms (-1648) (-)

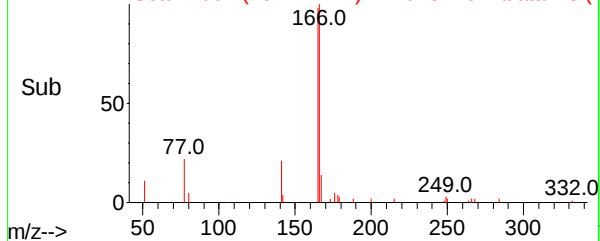


Fluorene
Concen: 0.093 ng
RT: 15.747 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:	166	Resp:	4621
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.9	119.9
167	14.7	11.2	16.8



Abundance Scan 1662 (15.747 min): BN025470.D\data.ms (-1644) (-)



Abundance Scan 1799 (17.447 min): BN025472.D\data.ms (-1734) (-)

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.447 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:188 Resp: 29867

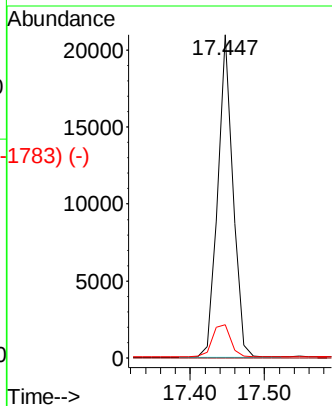
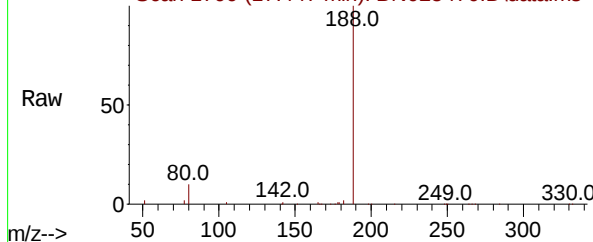
Ion Ratio Lower Upper

188 100

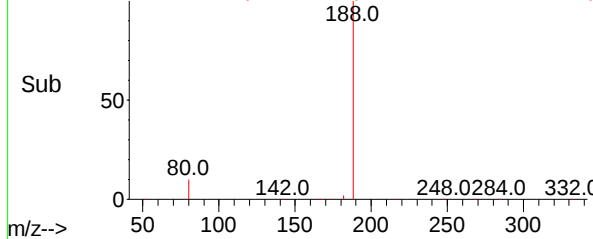
94 0.0 0.0 0.0

80 10.3 8.2 12.4

Abundance Scan 1799 (17.447 min): BN025470.D\data.ms



Abundance Scan 1799 (17.447 min): BN025470.D\data.ms (-1783) (-)



Abundance Scan 1667 (15.809 min): BN025472.D\data.ms (-1629) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.081 ng

RT: 15.809 min Scan# 1667

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Tgt Ion:198 Resp: 505

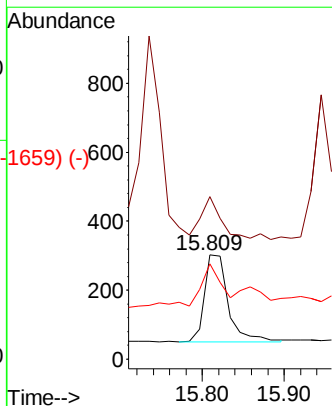
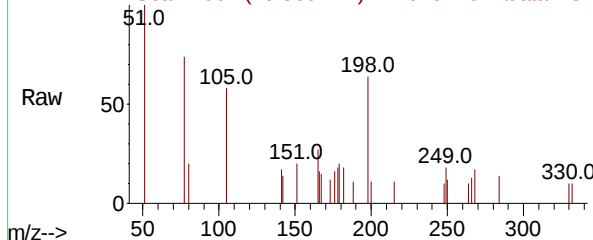
Ion Ratio Lower Upper

198 100

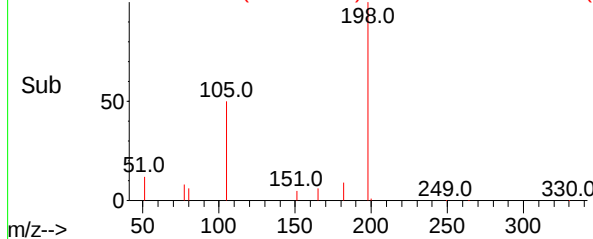
51 156.3 42.2 63.2#

105 91.4 41.0 61.6#

Abundance Scan 1667 (15.809 min): BN025470.D\data.ms



Abundance Scan 1667 (15.809 min): BN025470.D\data.ms (-1659) (-)



Abundance Scan 1734 (16.641 min): BN025472.D\data.ms (-1729) (-)

4-Bromophenyl-phenylether

Concen: 0.095 ng

RT: 16.641 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BN025470.D

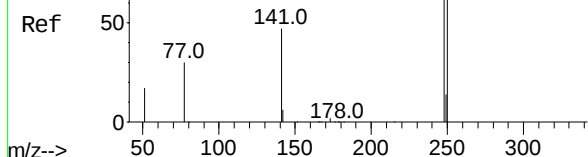
Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1



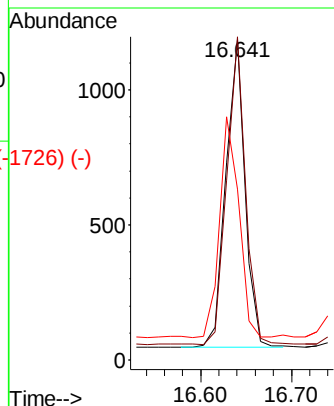
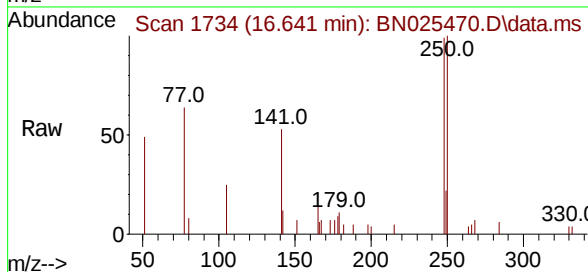
Tgt Ion:248 Resp: 1673

Ion Ratio Lower Upper

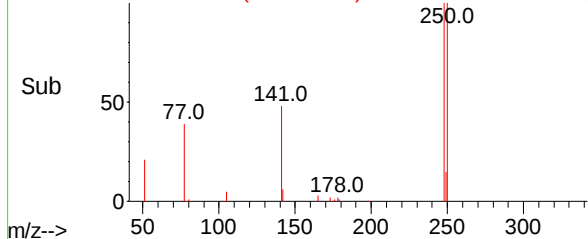
248 100

250 100.8 79.8 119.8

141 53.3 38.7 58.1



Abundance Scan 1734 (16.641 min): BN025470.D\data.ms (-1726) (-)



Abundance Scan 1743 (16.752 min): BN025472.D\data.ms (-1729) (-)

Hexachlorobenzene

Concen: 0.095 ng

RT: 16.752 min Scan# 1743

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

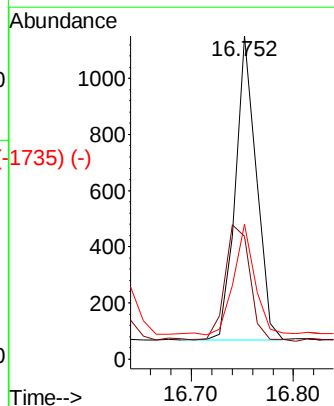
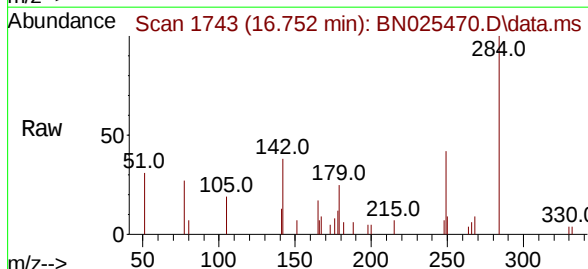
Tgt Ion:284 Resp: 1560

Ion Ratio Lower Upper

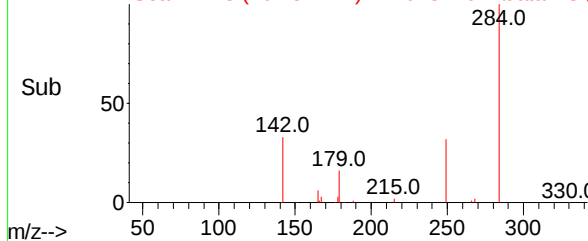
284 100

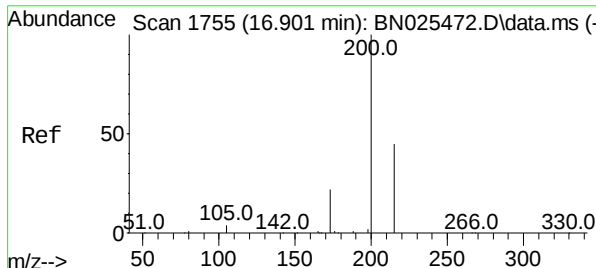
142 46.1 36.0 54.0

249 36.3 27.8 41.6



Abundance Scan 1743 (16.752 min): BN025470.D\data.ms (-1735) (-)

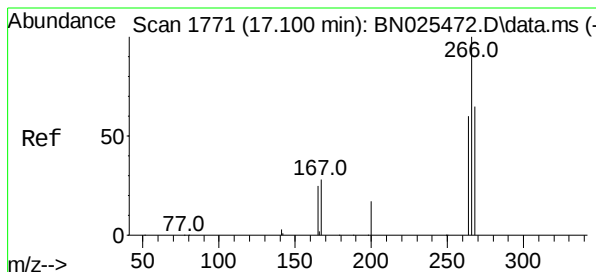
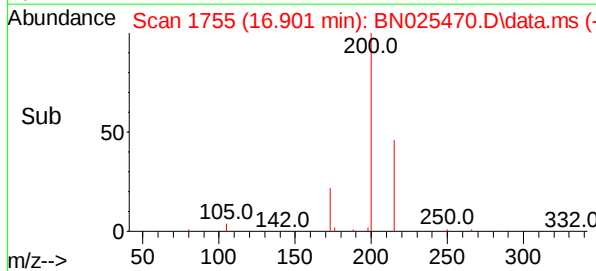
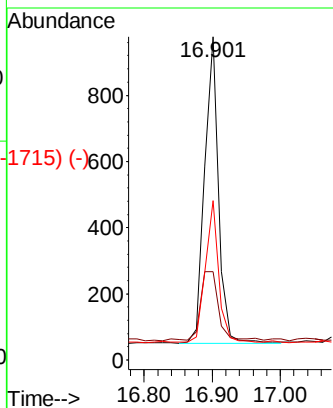
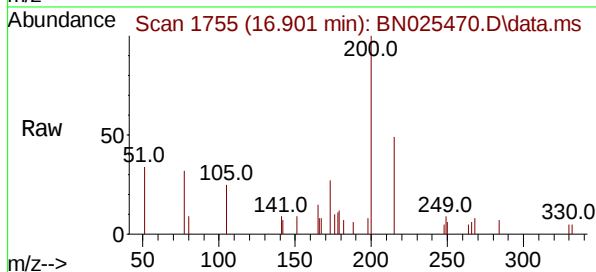




Scan 1755 (16.901 min): BN025472.D\data.ms (-1723) (-)
 Atrazine
 Concen: 0.093 ng
 RT: 16.901 min Scan# 1723
 Delta R.T. -0.000 min
 Lab File: BN025470.D
 Acq: 18 May 2023 11:37

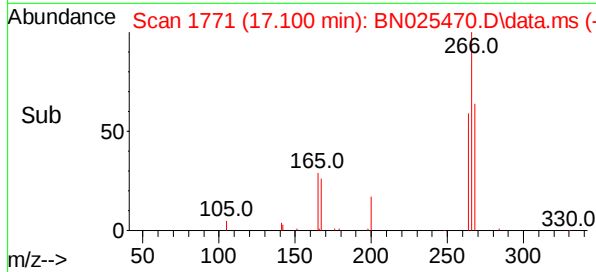
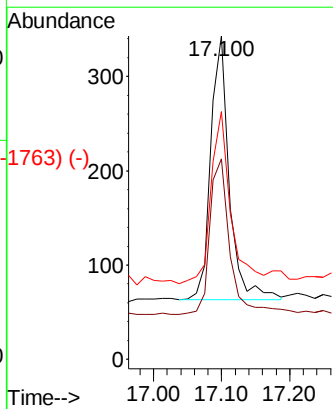
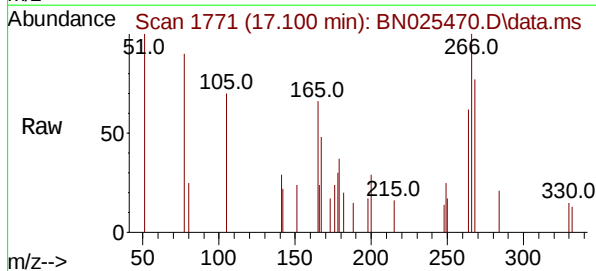
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tgt Ion:	200	Resp:	1326
Ion	Ratio	Lower	Upper
200	100		
173	27.3	18.6	27.8
215	49.2	36.9	55.3



Scan 1771 (17.100 min): BN025472.D\data.ms (-1724) (-)
 Pentachlorophenol
 Concen: 0.064 ng
 RT: 17.100 min Scan# 1771
 Delta R.T. -0.000 min
 Lab File: BN025470.D
 Acq: 18 May 2023 11:37

Tgt Ion:	266	Resp:	528
Ion	Ratio	Lower	Upper
266	100		
264	64.8	49.8	74.8
268	68.9	51.0	76.6



Abundance Scan 1802 (17.485 min): BN025472.D\data.ms (-1725) (-)

Phenanthrene

Concen: 0.097 ng

RT: 17.485 min Scan# 1802

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:178 Resp: 8514

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

179 15.2 12.1 18.1

Abundance Scan 1802 (17.485 min): BN025470.D\data.ms

Ref 50

178.0

77.0 141.0 215.0 264.0

m/z-->

Abundance Scan 1802 (17.485 min): BN025470.D\data.ms

Raw 50

51.0 105.0 141.0 249.0 330.0

m/z-->

Abundance Scan 1802 (17.485 min): BN025470.D\data.ms (-1778) (-)

Sub 50

178.0

51.0 141.0 248.0 284.0

m/z-->

Abundance

17.485

5000

4000

3000

2000

1000

0

Time-->

Abundance Scan 1810 (17.584 min): BN025472.D\data.ms (-1826) (-)

Anthracene

Concen: 0.092 ng

RT: 17.584 min Scan# 1810

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Tgt Ion:178 Resp: 7514

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

179 14.9 12.1 18.1

Abundance Scan 1810 (17.584 min): BN025470.D\data.ms

Ref 50

178.0

51.0 105.0 141.0 249.0 330.0

m/z-->

Abundance Scan 1810 (17.584 min): BN025470.D\data.ms

Raw 50

51.0 105.0 141.0 249.0 330.0

m/z-->

Abundance Scan 1810 (17.584 min): BN025470.D\data.ms (-1802) (-)

Sub 50

105.0 141.0

200.0 249.0

m/z-->

Abundance

17.584

5000

4000

3000

2000

1000

0

Time-->

Abundance Scan 2192 (19.473 min): BN025472.D\data.ms (-2128) (-)

Fluoranthene-d10

Concen: 0.095 ng

RT: 19.473 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:212 Resp: 6562

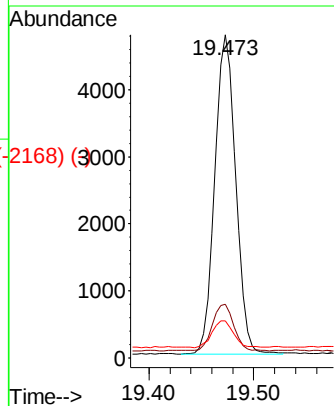
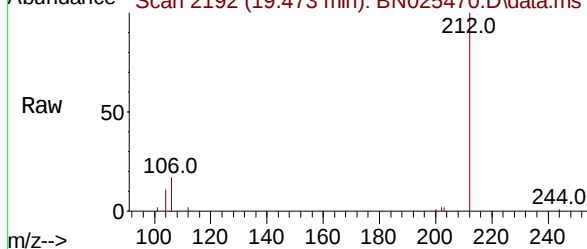
Ion Ratio Lower Upper

212 100

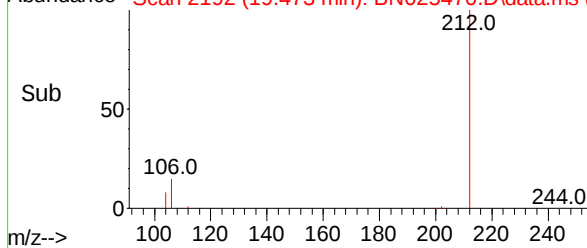
106 14.8 11.4 17.2

104 8.6 6.6 10.0

Abundance Scan 2192 (19.473 min): BN025470.D\data.ms



Abundance Scan 2192 (19.473 min): BN025470.D\data.ms (-2168) (-)



Abundance Scan 2199 (19.502 min): BN025472.D\data.ms (-2129) (-)

Fluoranthene

Concen: 0.093 ng

RT: 19.502 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Tgt Ion:202 Resp: 9248

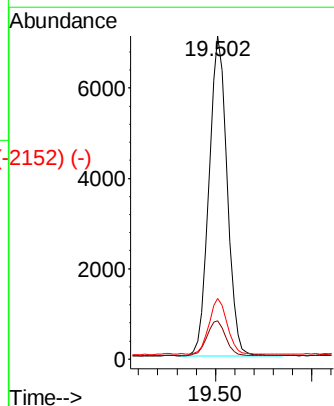
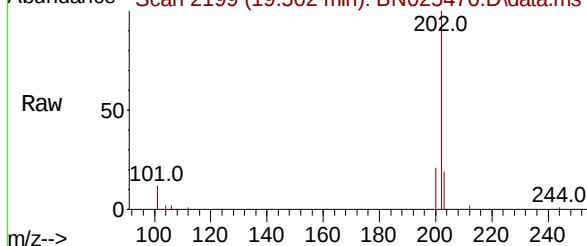
Ion Ratio Lower Upper

202 100

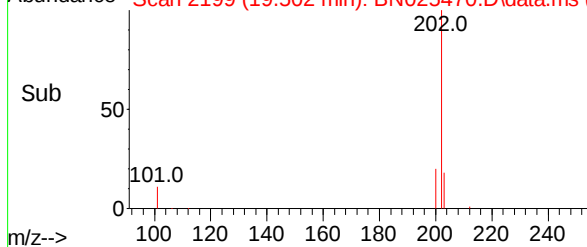
101 11.2 8.7 13.1

203 17.6 13.8 20.6

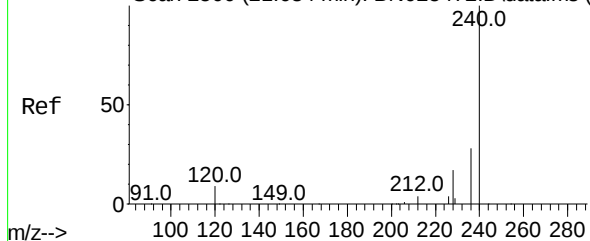
Abundance Scan 2199 (19.502 min): BN025470.D\data.ms



Abundance Scan 2199 (19.502 min): BN025470.D\data.ms (-2152) (-)



Abundance Scan 2500 (21.634 min): BN025472.D\data.ms (-2478) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.629 min Scan# 2500

Delta R.T. -0.005 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

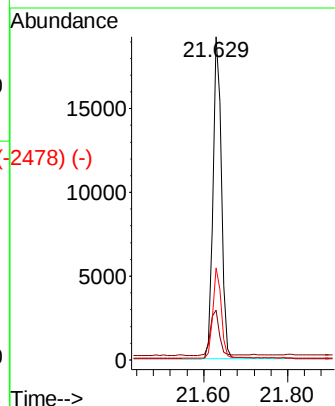
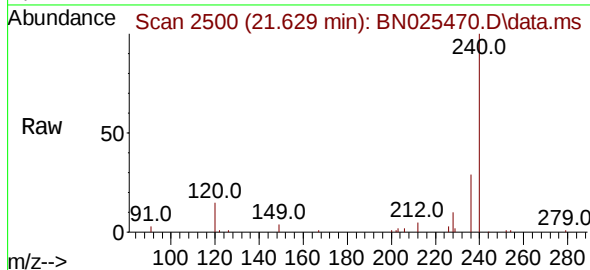
Tgt Ion:240 Resp: 26257

Ion Ratio Lower Upper

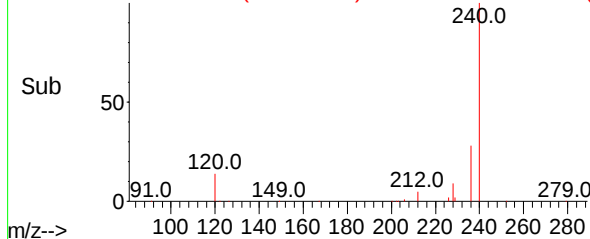
240 100

120 15.3 8.6 12.8#

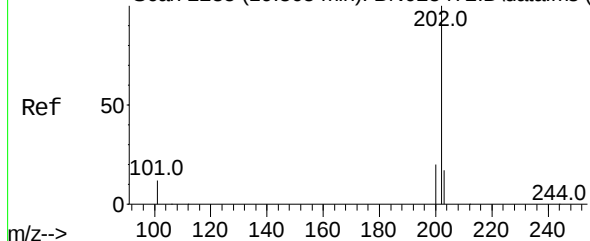
236 28.6 22.7 34.1



Abundance Scan 2500 (21.629 min): BN025470.D\data.ms (-2478) (-)



Abundance Scan 2285 (19.865 min): BN025472.D\data.ms (-2238) (-)



Pyrene

Concen: 0.092 ng

RT: 19.865 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

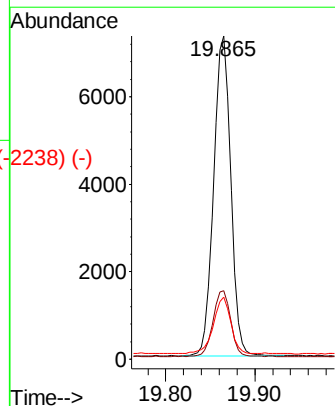
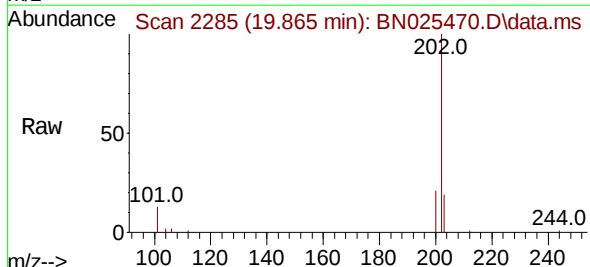
Tgt Ion:202 Resp: 9676

Ion Ratio Lower Upper

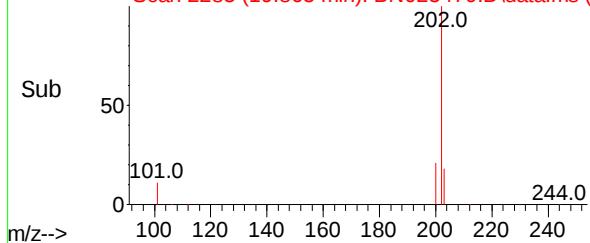
202 100

200 21.2 16.8 25.2

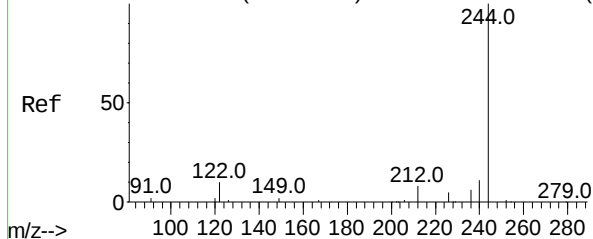
203 18.1 14.2 21.4



Abundance Scan 2285 (19.865 min): BN025470.D\data.ms (-2238) (-)



Abundance Scan 2325 (20.067 min): BN025472.D\data.ms (-2325) (-)



Terphenyl-d14

Concen: 0.086 ng

RT: 20.062 min Scan# 2325

Delta R.T. -0.005 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

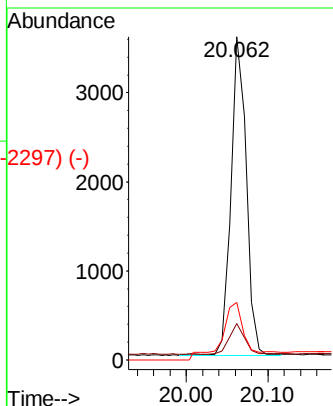
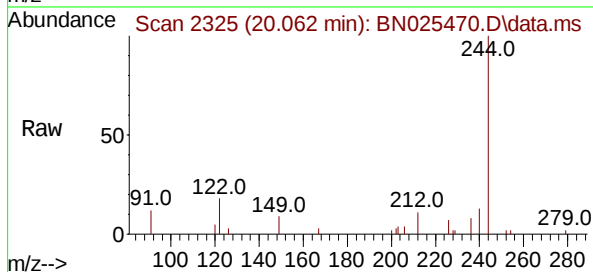
Tgt Ion:244 Resp: 4021

Ion Ratio Lower Upper

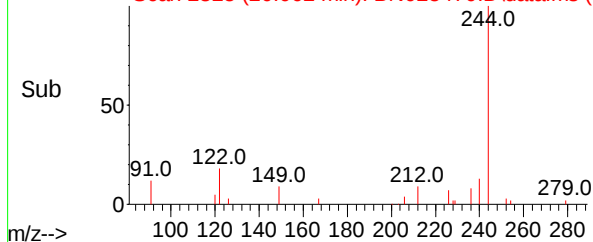
244 100

212 11.2 6.6 10.0#

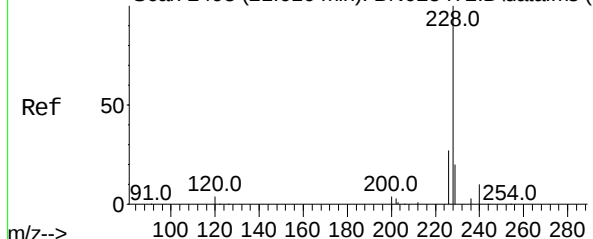
122 17.9 8.1 12.1#



Abundance Scan 2325 (20.062 min): BN025470.D\data.ms (-2297) (-)



Abundance Scan 2498 (21.616 min): BN025472.D\data.ms (-2498) (-)



Benzo(a)anthracene

Concen: 0.094 ng

RT: 21.611 min Scan# 2498

Delta R.T. -0.005 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

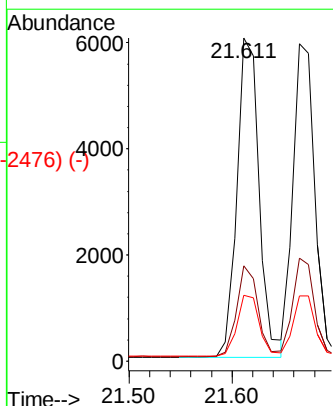
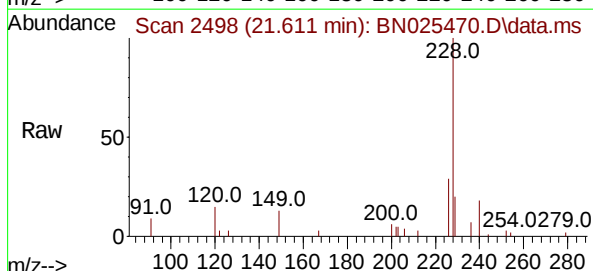
Tgt Ion:228 Resp: 8983

Ion Ratio Lower Upper

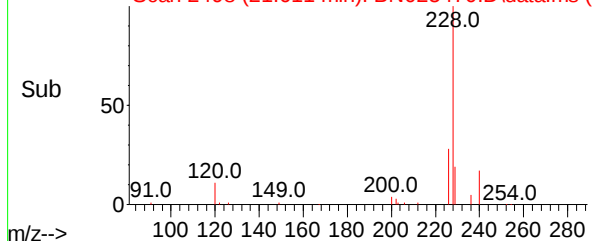
228 100

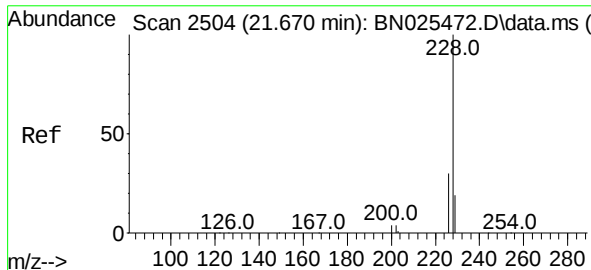
226 29.4 22.1 33.1

229 20.3 15.8 23.8



Abundance Scan 2498 (21.611 min): BN025470.D\data.ms (-2476) (-)





#39 (-)

Chrysene

Concen: 0.093 ng

RT: 21.665 min Scan# 2504

Delta R.T. -0.005 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

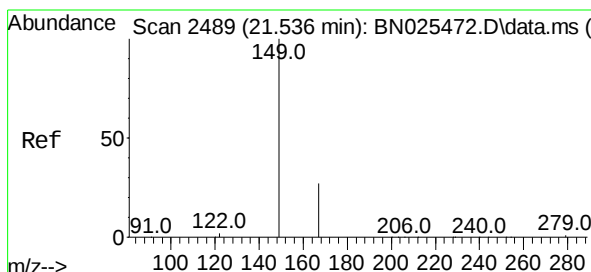
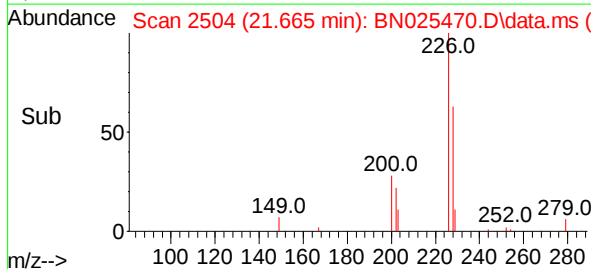
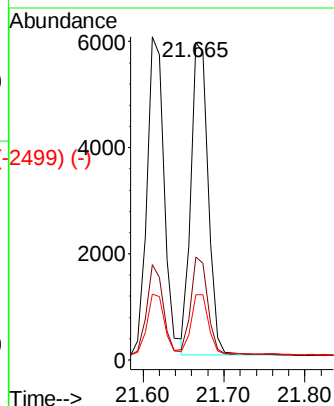
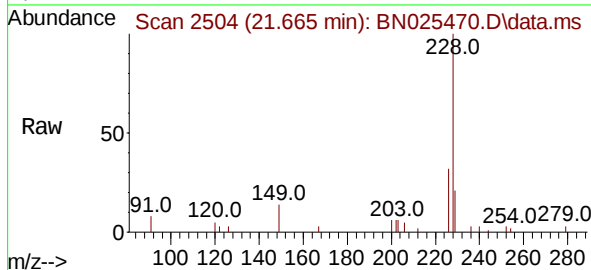
Tgt Ion:228 Resp: 8727

Ion Ratio Lower Upper

228 100

226 32.4 24.3 36.5

229 20.5 15.4 23.2



#31 (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.103 ng

RT: 21.540 min Scan# 2490

Delta R.T. 0.004 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

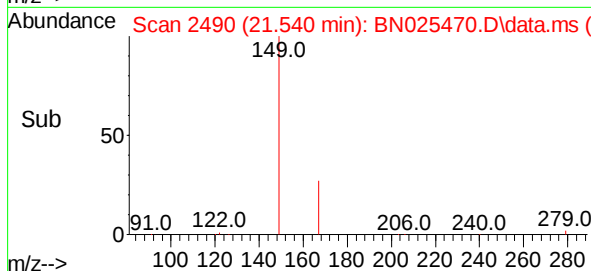
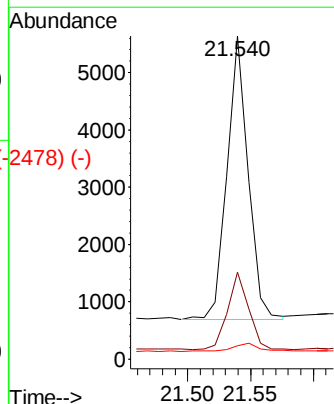
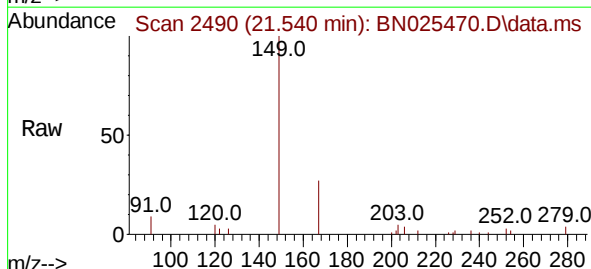
Tgt Ion:149 Resp: 5757

Ion Ratio Lower Upper

149 100

167 26.8 22.0 33.0

279 3.5 2.6 3.8



Abundance Scan 3181 (24.144 min): BN025472.D\data.ms (-3135) (-)

Perylene-d12

Concen: 0.400 ng

RT: 24.145 min Scan# 4135

Delta R.T. 0.001 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:264 Resp: 24677

Ion Ratio Lower Upper

264 100

260 26.9 21.2 31.8

265 33.8 27.1 40.7

Abundance Scan 3181 (24.145 min): BN025470.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

Abundance Scan 3181 (24.145 min): BN025470.D\data.ms (-3129) (-)

Ref 50

264.0

Sub 50

125.0

m/z-->

Abundance

10000

8000

6000

4000

2000

0

Time-->

24.00 24.20

Abundance Scan 4079 (26.769 min): BN025472.D\data.ms (-4048) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.087 ng

RT: 26.774 min Scan# 4080

Delta R.T. 0.004 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Tgt Ion:276 Resp: 8676

Ion Ratio Lower Upper

276 100

138 28.8 21.8 32.6

277 24.8 19.7 29.5

Abundance Scan 4080 (26.774 min): BN025470.D\data.ms

Ref 50

276.0

Raw 50

138.0

m/z-->

Abundance Scan 4080 (26.774 min): BN025470.D\data.ms (-4044) (-)

Ref 50

276.0

Sub 50

138.0

m/z-->

Abundance

2500

2000

1500

1000

500

0

Time-->

26.60 26.80

Abundance Scan 2916 (23.369 min): BN025472.D\data.ms (-2847) (-)

Benzo(b)fluoranthene

Concen: 0.092 ng

RT: 23.373 min Scan# 2916

Delta R.T. 0.004 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:252 Resp: 8410

Ion Ratio Lower Upper

252 100

253 29.0 18.8 28.2#

125 19.8 9.6 14.4#

Abundance Scan 2917 (23.373 min): BN025470.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 2917 (23.373 min): BN025470.D\data.ms (-2847) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.373

4000

3000

2000

1000

0

Time-->

23.30 23.35 23.40

Abundance Scan 2934 (23.422 min): BN025472.D\data.ms (-2928) (-)

Benzo(k)fluoranthene

Concen: 0.092 ng

RT: 23.423 min Scan# 2934

Delta R.T. 0.001 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Tgt Ion:252 Resp: 8541

Ion Ratio Lower Upper

252 100

253 28.7 18.4 27.6#

125 19.3 9.8 14.8#

Abundance Scan 2934 (23.423 min): BN025470.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

0 50 100 150 200 250

Abundance Scan 2934 (23.423 min): BN025470.D\data.ms (-2916) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

0 50 100 150 200 250

Abundance

23.423

4000

3000

2000

1000

0

Time-->

23.40 23.45 23.50

Abundance Scan 3141 (24.027 min): BN025472.D\data.ms (-3129) (-)

Benzo(a)pyrene

Concen: 0.091 ng

RT: 24.028 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Instrument :

BN025470.D

ClientSampleId :

SSTDIC0.1

Tgt Ion:252 Resp: 7868

Ion Ratio Lower Upper

252 100

253 31.2 18.6 28.0#

125 23.4 11.0 16.6#

Abundance Scan 3141 (24.028 min): BN025470.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 3141 (24.028 min): BN025470.D\data.ms (-3072) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

24.028

3000

2000

1000

0

Time-->

24.00 24.10

Abundance Scan 4088 (26.796 min): BN025472.D\data.ms (-4054) (-)

Dibenzo(a,h)anthracene

Concen: 0.085 ng

RT: 26.797 min Scan# 4088

Delta R.T. 0.001 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

Tgt Ion:278 Resp: 6839

Ion Ratio Lower Upper

278 100

139 26.9 15.0 22.6#

279 36.3 20.5 30.7#

Abundance Scan 4088 (26.797 min): BN025470.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 4088 (26.797 min): BN025470.D\data.ms (-4053) (-)

Ref 50

138.0

278.0

Sub 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

26.797

2000

1500

1000

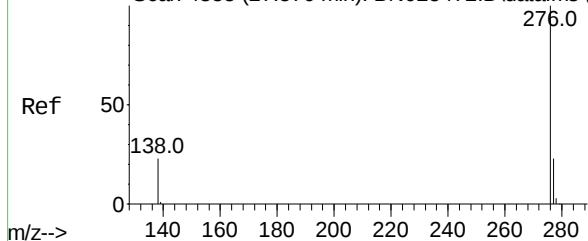
500

0

Time-->

26.80

Abundance Scan 4355 (27.576 min): BN025472.D\data.ms (-4321) (-)



Benzo(g,h,i)perylene

Concen: 0.088 ng

RT: 27.586 min Scan# 4

Delta R.T. 0.010 min

Lab File: BN025470.D

Acq: 18 May 2023 11:37

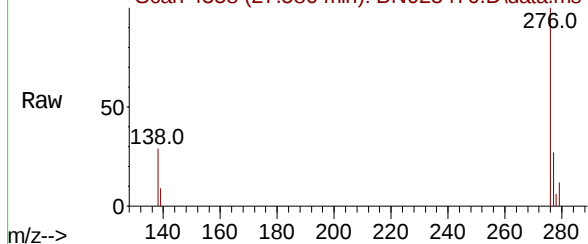
Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

Abundance Scan 4358 (27.586 min): BN025470.D\data.ms



Tgt Ion:276 Resp: 7393

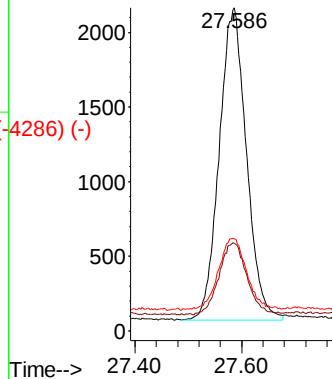
Ion Ratio Lower Upper

276 100

277 27.1 19.2 28.8

138 28.6 19.2 28.8

Abundance



Abundance Scan 4358 (27.586 min): BN025470.D\data.ms (-4286) (-)

