

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091923\
 Data File : BN027749.D
 Acq On : 19 Sep 2023 14:57
 Operator : MA/JU
 Sample : 04361-01DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230907DL

Quant Time: Sep 19 15:31:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 14:40:21 2023
 Response via : Initial Calibration

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

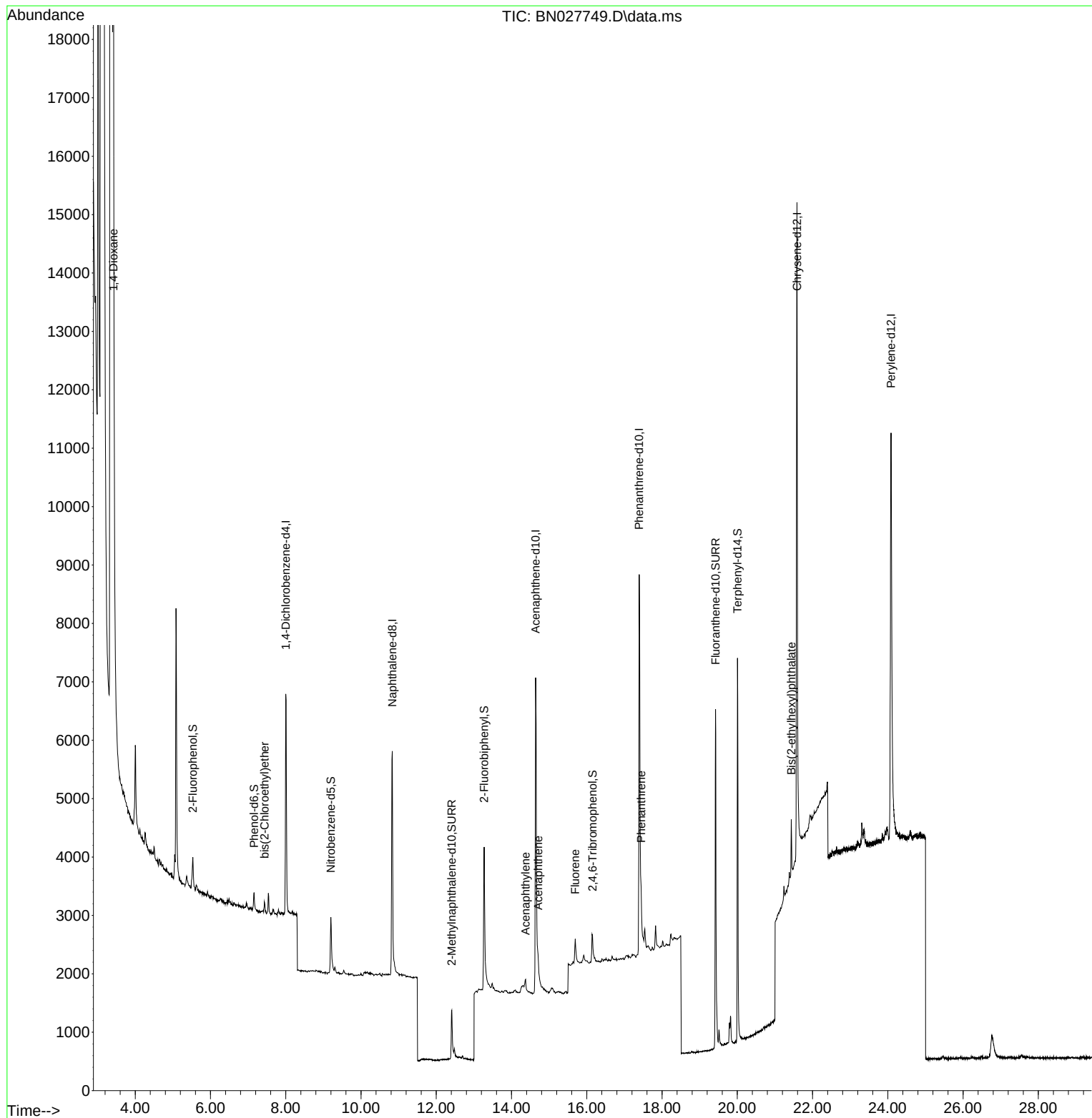
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	2049	0.400	ng	-0.01
7) Naphthalene-d8	10.831	136	6338	0.400	ng	# 0.00
13) Acenaphthene-d10	14.641	164	4216	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	12495	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	13645	0.400	ng	0.00
35) Perylene-d12	24.086	264	13616	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.531	112	485	0.090	ng	-0.01
5) Phenol-d6	7.156	99	383	0.058	ng	0.00
8) Nitrobenzene-d5	9.198	82	1047	0.203	ng	-0.01
11) 2-Methylnaphthalene-d10	12.411	152	1648	0.176	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	427	0.217	ng	0.01
15) 2-Fluorobiphenyl	13.272	172	3186	0.222	ng	0.00
27) Fluoranthene-d10	19.421	212	7232	0.207	ng	0.00
31) Terphenyl-d14	20.006	244	7156	0.279	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	5925	2.476	ng	97
6) bis(2-Chloroethyl)ether	7.438	93	137	0.021	ng	# 84
16) Acenaphthylene	14.373	152	961	0.054	ng	# 81
17) Acenaphthene	14.705	154	255	0.020	ng	# 37
18) Fluorene	15.693	166	574	0.031	ng	91
25) Phenanthrene	17.443	178	927	0.026	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.435	149	926	0.040	ng	94

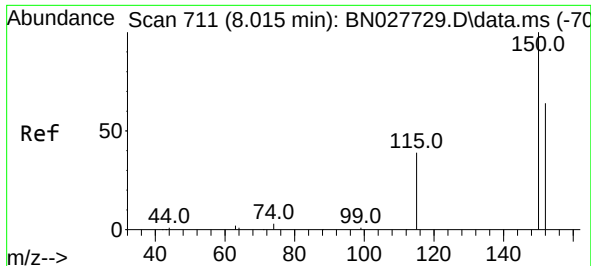
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091923\
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SP-100-20230907DL

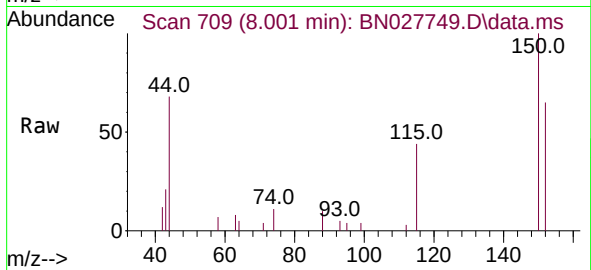
Quant Time: Sep 19 15:31:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
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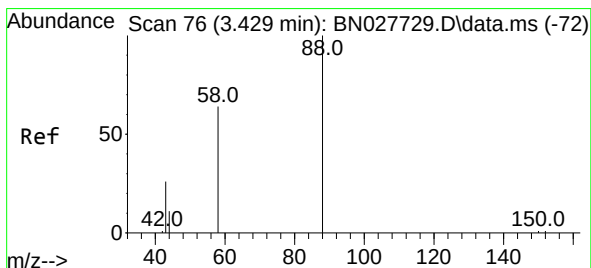
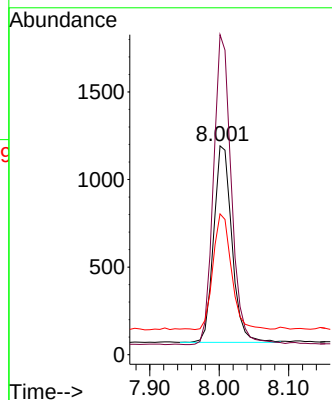
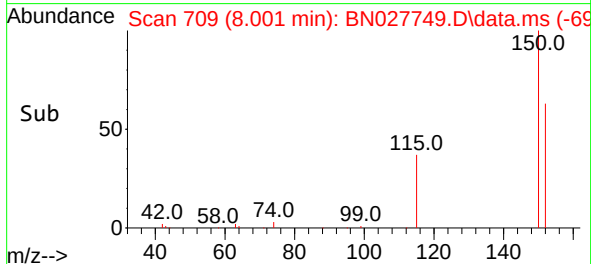
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.001 min Scan# 711
 Delta R.T. -0.014 min
 Lab File: BN027749.D
 Acq: 19 Sep 2023 14:57

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230907DL

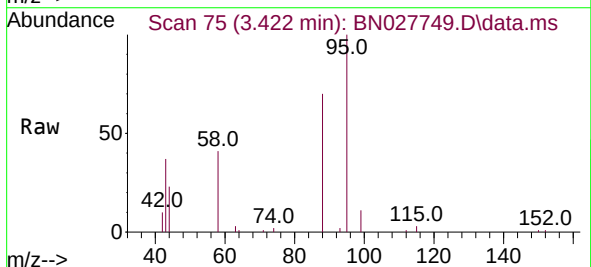


Tgt Ion: 152 Resp: 2049

Ion	Ratio	Lower	Upper
152	100		
150	153.3	119.2	178.8
115	67.4	53.8	80.8

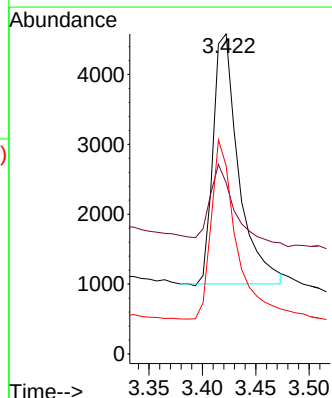
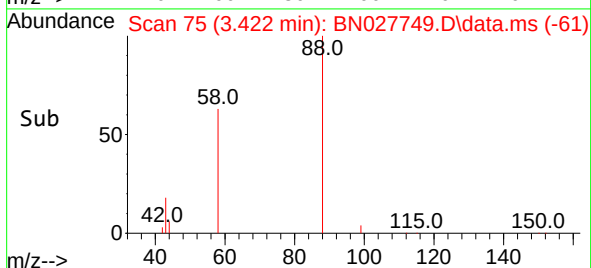


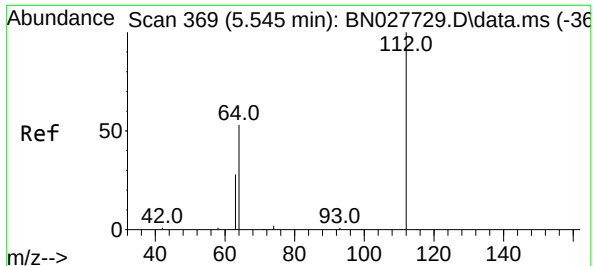
#2
 1,4-Dioxane
 Concen: 2.476 ng
 RT: 3.422 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: BN027749.D
 Acq: 19 Sep 2023 14:57



Tgt Ion: 88 Resp: 5925

Ion	Ratio	Lower	Upper
88	100		
43	28.8	21.5	32.3
58	70.7	54.4	81.6

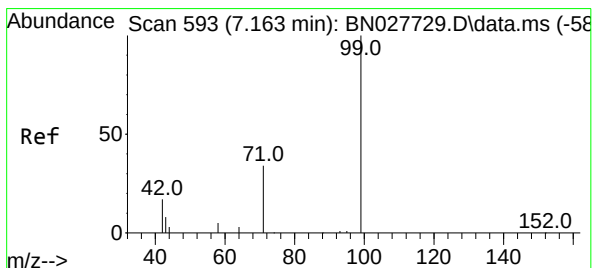
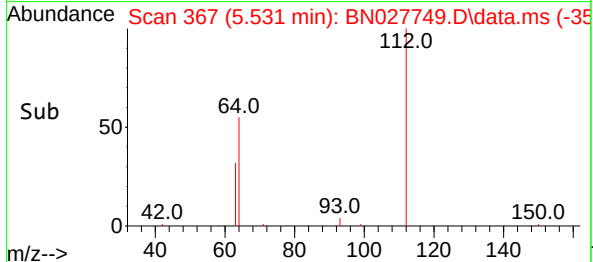
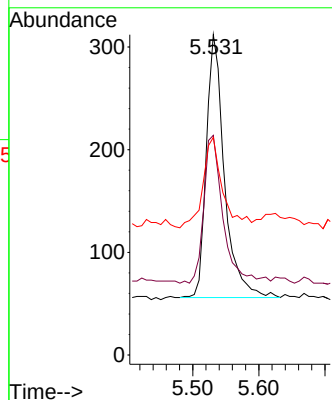
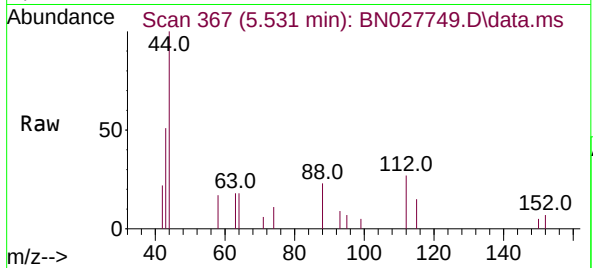




#4
2-Fluorophenol
Concen: 0.090 ng
RT: 5.531 min Scan# 30
Delta R.T. -0.014 min
Lab File: BN027749.D
Acq: 19 Sep 2023 14:57

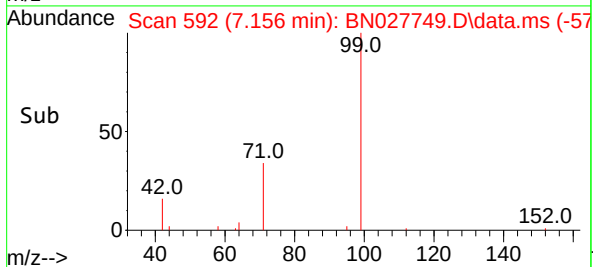
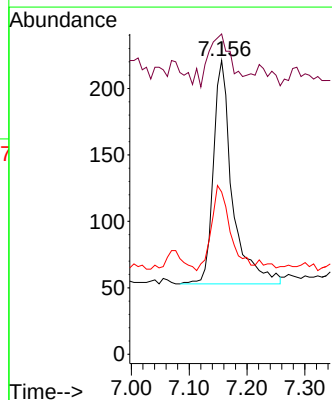
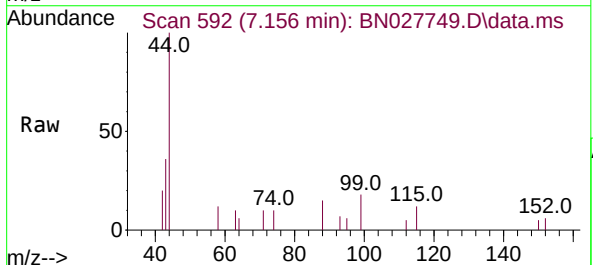
Instrument :
BNA_N
ClientSampleId :
SP-100-20230907DL

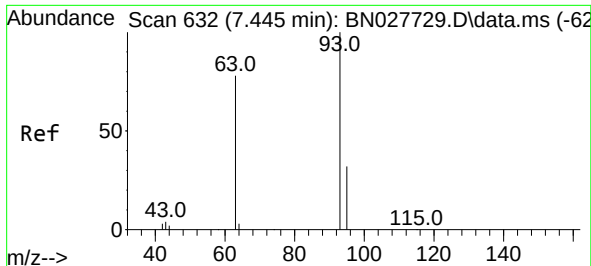
Tgt Ion:112 Resp: 485
Ion Ratio Lower Upper
112 100
64 60.0 45.0 67.6
63 37.1 24.1 36.1#



#5
Phenol-d6
Concen: 0.058 ng
RT: 7.156 min Scan# 592
Delta R.T. 0.000 min
Lab File: BN027749.D
Acq: 19 Sep 2023 14:57

Tgt Ion: 99 Resp: 383
Ion Ratio Lower Upper
99 100
42 27.4 15.8 23.8#
71 37.9 27.3 40.9

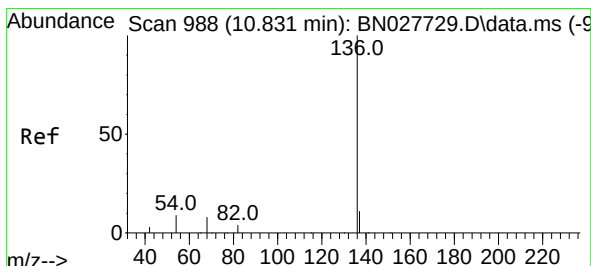
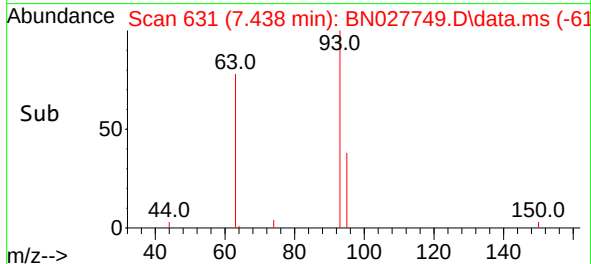
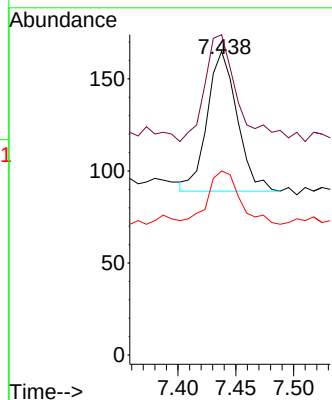
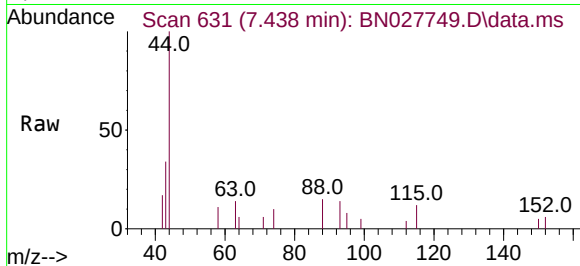




#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.438 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN027749.D
Acq: 19 Sep 2023 14:57

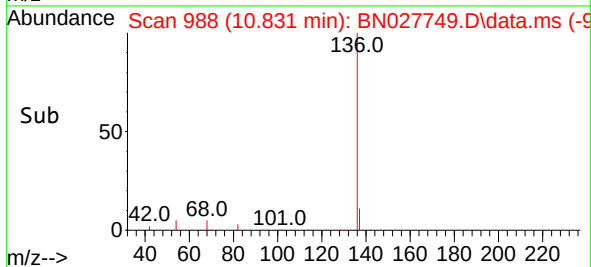
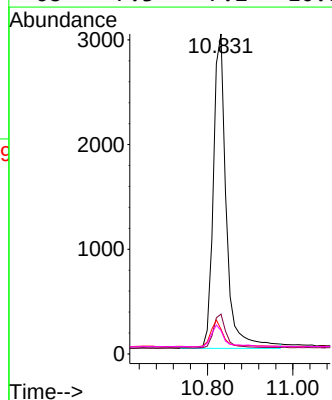
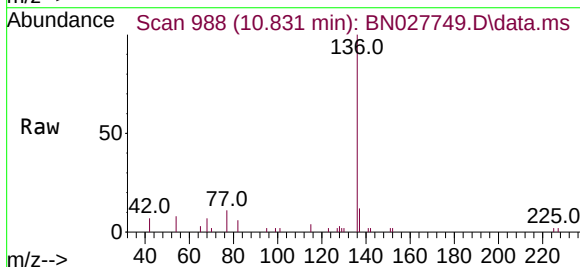
Instrument :
BNA_N
ClientSampleId :
SP-100-20230907DL

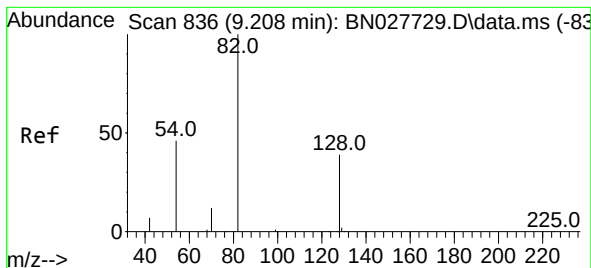
Tgt Ion: 93 Resp: 137
Ion Ratio Lower Upper
93 100
63 87.6 59.3 88.9
95 40.9 26.0 39.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 988
Delta R.T. 0.000 min
Lab File: BN027749.D
Acq: 19 Sep 2023 14:57

Tgt Ion:136 Resp: 6338
Ion Ratio Lower Upper
136 100
137 12.4 9.8 14.8
54 7.7 7.8 11.6#
68 7.3 7.2 10.8





#8

Nitrobenzene-d5

Concen: 0.203 ng

RT: 9.198 min Scan# 81

Delta R.T. -0.011 min

Lab File: BN027749.D

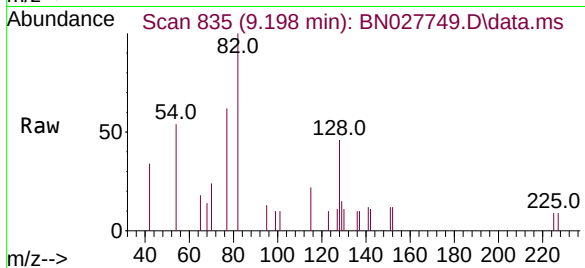
Acq: 19 Sep 2023 14:57

Instrument :

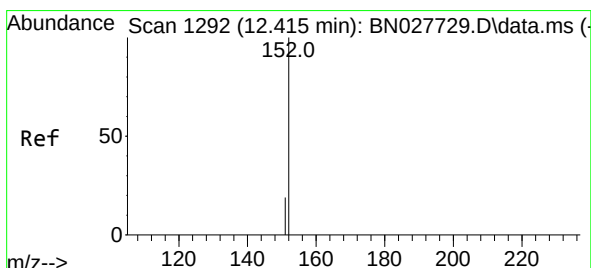
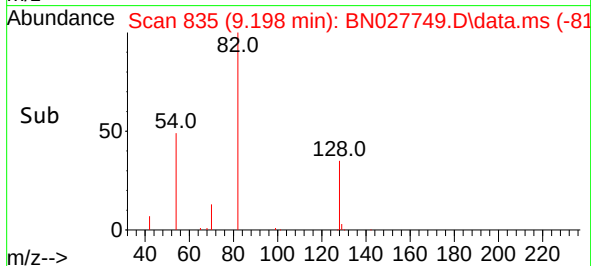
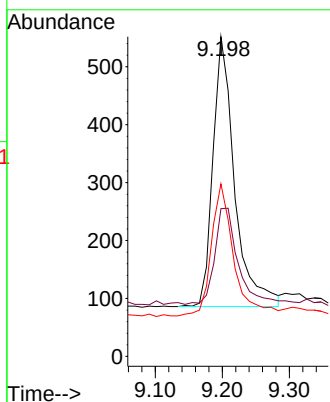
BNA_N

ClientSampleId :

SP-100-20230907DL



Tgt Ion:	82	Resp:	1047
Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.1	52.7
54	54.0	35.1	52.7#



#11

2-Methylnaphthalene-d10

Concen: 0.176 ng

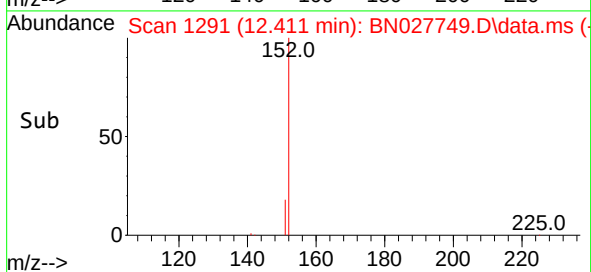
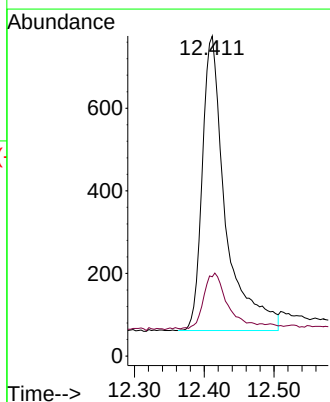
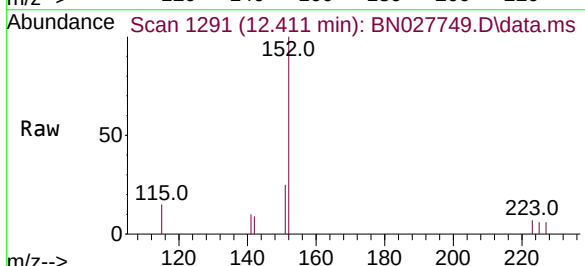
RT: 12.411 min Scan# 1291

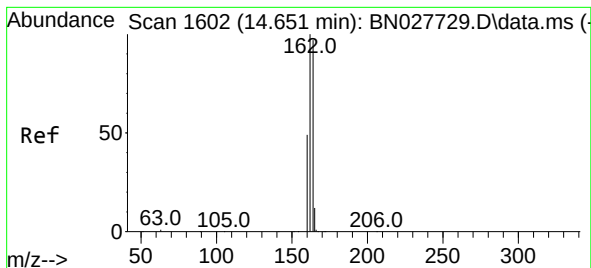
Delta R.T. 0.000 min

Lab File: BN027749.D

Acq: 19 Sep 2023 14:57

Tgt Ion:	152	Resp:	1648
Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.5	24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.641 min Scan# 1601

Delta R.T. 0.000 min

Lab File: BN027749.D

Acq: 19 Sep 2023 14:57

Instrument :

BNA_N

ClientSampleId :

SP-100-20230907DL

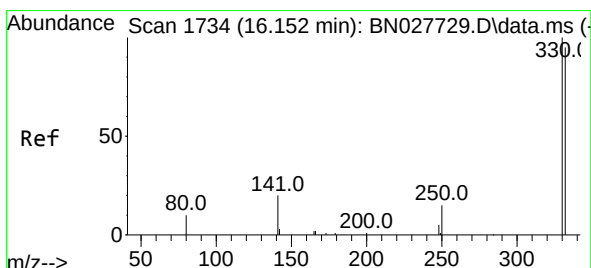
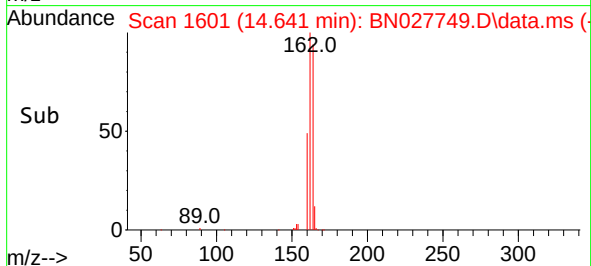
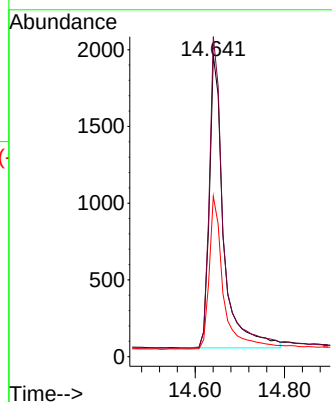
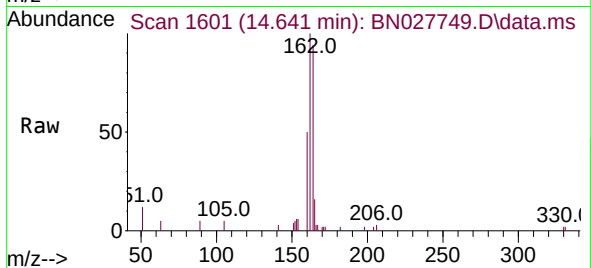
Tgt Ion:164 Resp: 4216

Ion Ratio Lower Upper

164 100

162 106.2 83.4 125.2

160 53.2 41.0 61.4



#14

2,4,6-Tribromophenol

Concen: 0.217 ng

RT: 16.152 min Scan# 1734

Delta R.T. 0.013 min

Lab File: BN027749.D

Acq: 19 Sep 2023 14:57

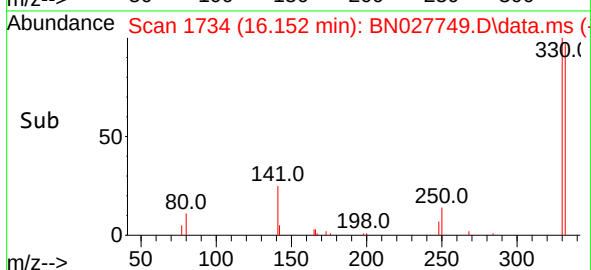
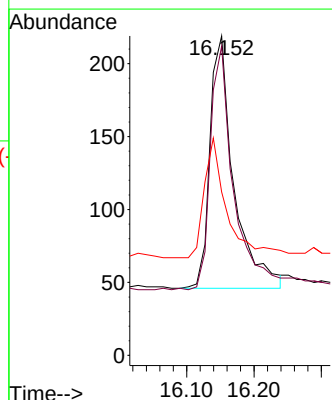
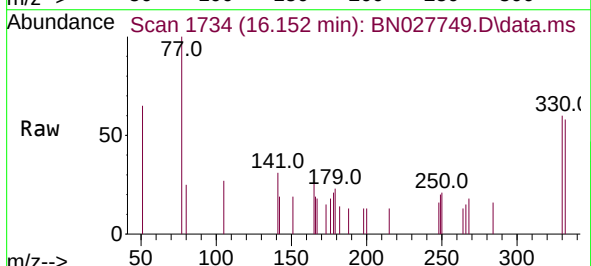
Tgt Ion:330 Resp: 427

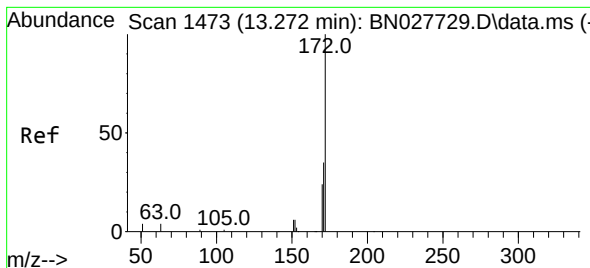
Ion Ratio Lower Upper

330 100

332 94.1 76.6 115.0

141 44.7 38.2 57.2





#15

2-Fluorobiphenyl

Concen: 0.222 ng

RT: 13.272 min Scan# 1473

Delta R.T. 0.000 min

Lab File: BN027749.D

Acq: 19 Sep 2023 14:57

Instrument :

BNA_N

ClientSampleId :

SP-100-20230907DL

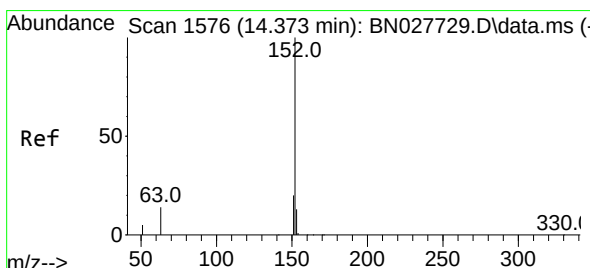
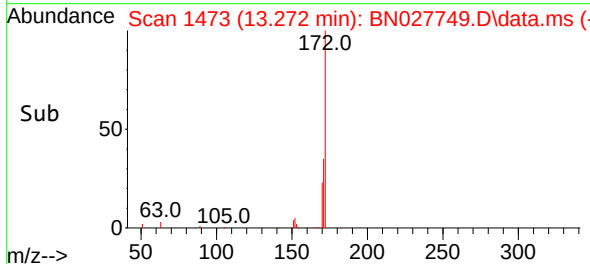
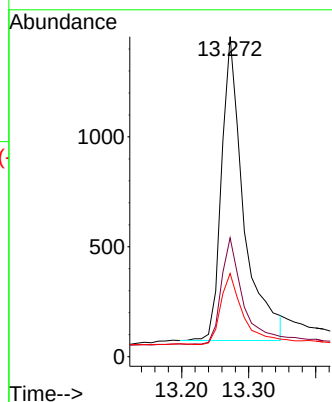
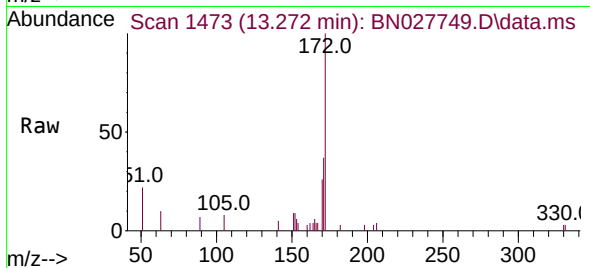
Tgt Ion:172 Resp: 3186

Ion Ratio Lower Upper

172 100

171 37.2 27.6 41.4

170 26.0 18.7 28.1



#16

Acenaphthylene

Concen: 0.054 ng

RT: 14.373 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BN027749.D

Acq: 19 Sep 2023 14:57

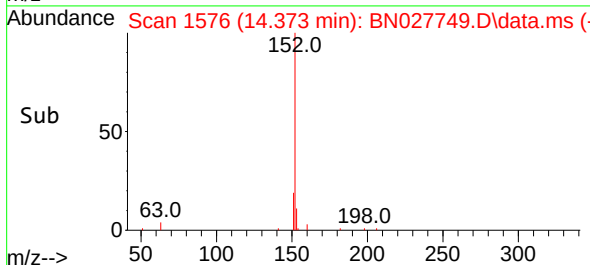
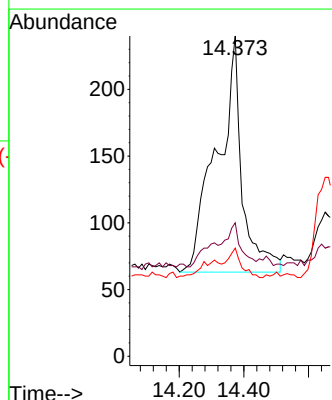
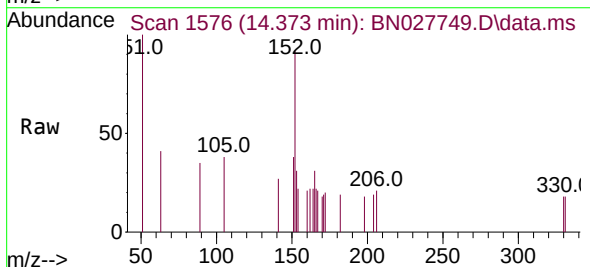
Tgt Ion:152 Resp: 961

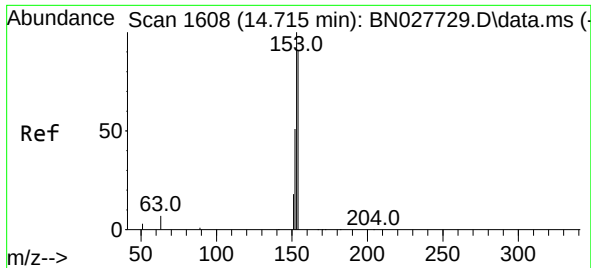
Ion Ratio Lower Upper

152 100

151 9.6 15.6 23.4#

153 6.8 10.3 15.5#

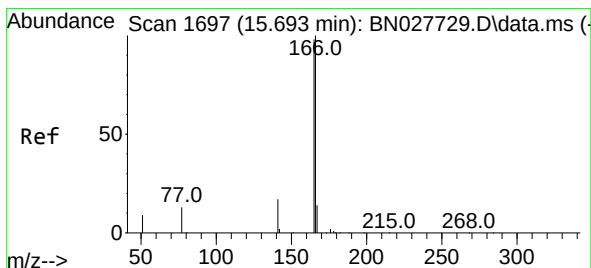
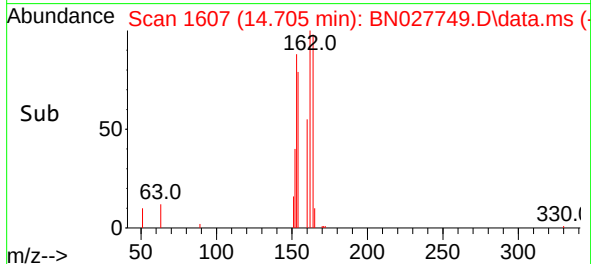
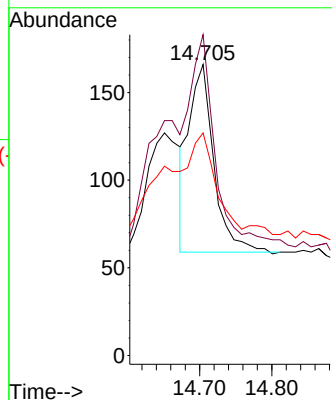
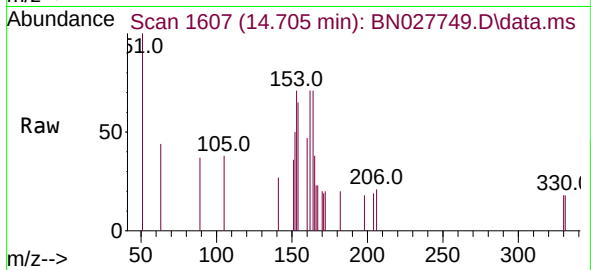




#17
Acenaphthene
Concen: 0.020 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027749.D
Acq: 19 Sep 2023 14:57

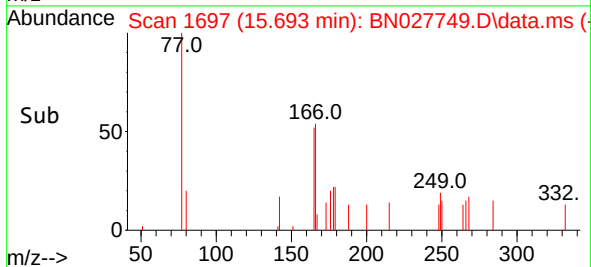
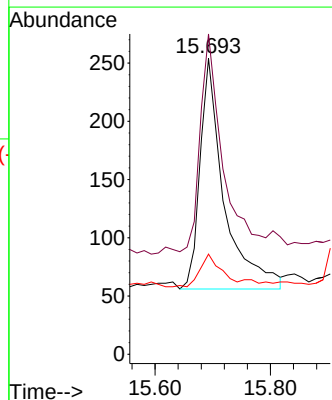
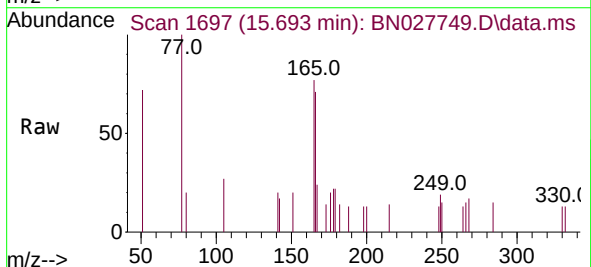
Instrument :
BNA_N
ClientSampleId :
SP-100-20230907DL

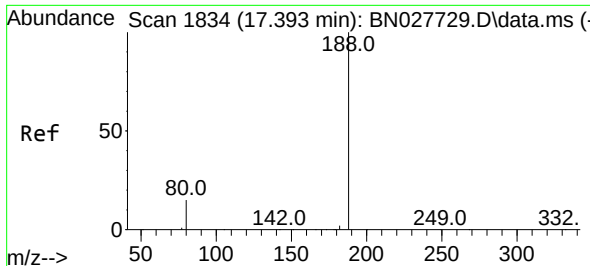
Tgt Ion:154 Resp: 255
Ion Ratio Lower Upper
154 100
153 187.8 92.0 138.0#
152 98.8 47.0 70.6#



#18
Fluorene
Concen: 0.031 ng
RT: 15.693 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN027749.D
Acq: 19 Sep 2023 14:57

Tgt Ion:166 Resp: 574
Ion Ratio Lower Upper
166 100
165 88.2 78.4 117.6
167 12.4 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BN027749.D

Acq: 19 Sep 2023 14:57

Instrument :

BNA_N

ClientSampleId :

SP-100-20230907DL

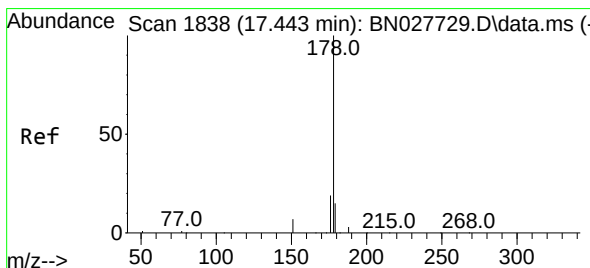
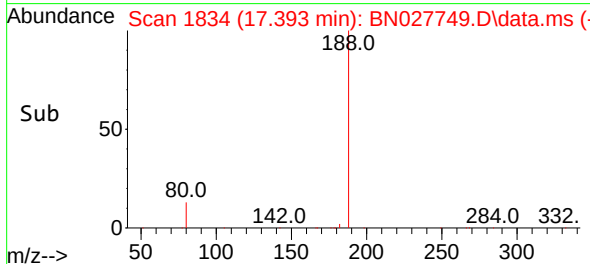
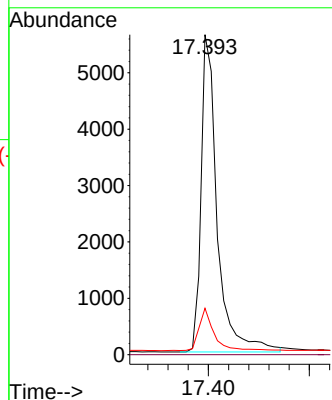
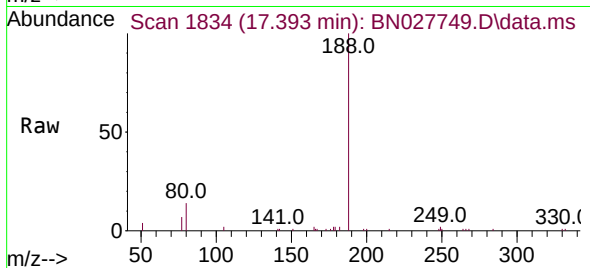
Tgt Ion:188 Resp: 12495

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.5 9.5 14.3#



#25

Phenanthrene

Concen: 0.026 ng

RT: 17.443 min Scan# 1838

Delta R.T. 0.013 min

Lab File: BN027749.D

Acq: 19 Sep 2023 14:57

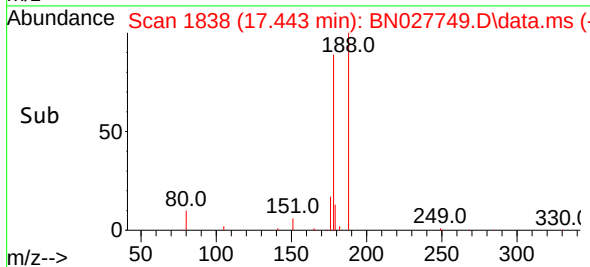
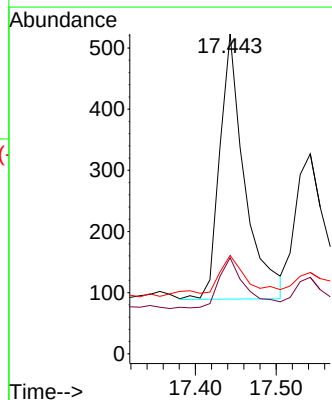
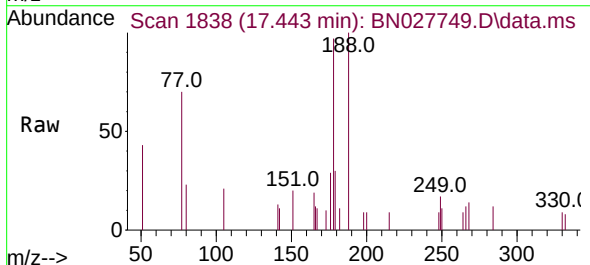
Tgt Ion:178 Resp: 927

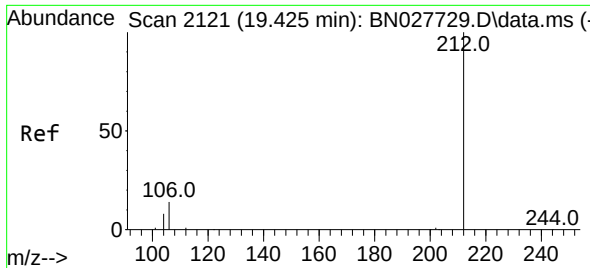
Ion Ratio Lower Upper

178 100

176 20.8 15.4 23.2

179 21.0 12.2 18.2#

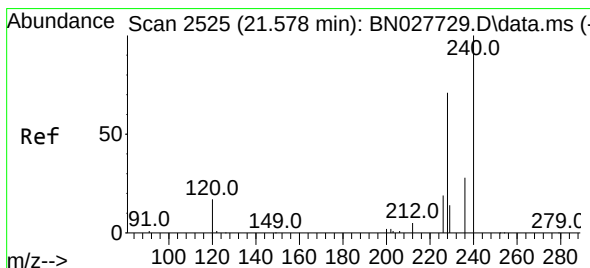
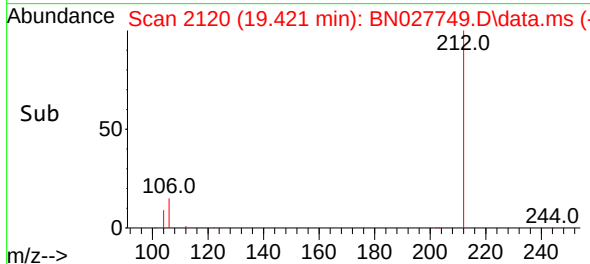
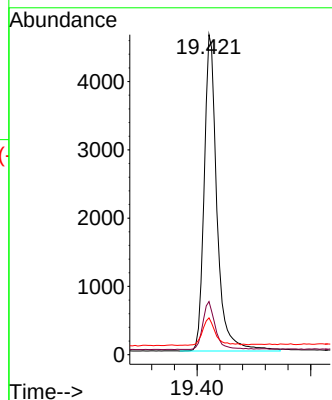
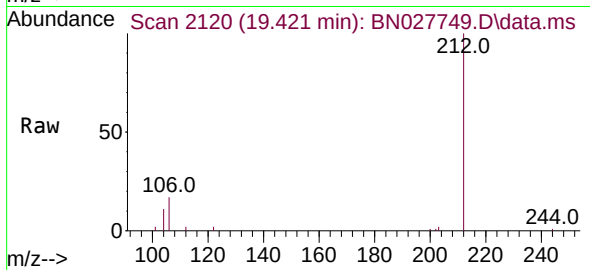




#27
Fluoranthene-d10
Concen: 0.207 ng
RT: 19.421 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN027749.D
Acq: 19 Sep 2023 14:57

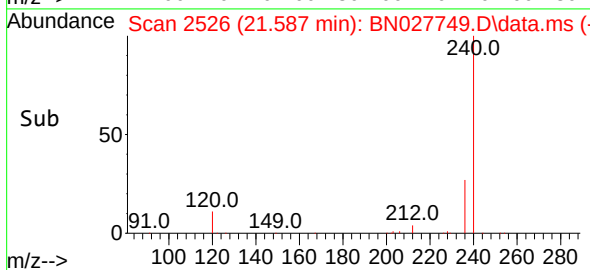
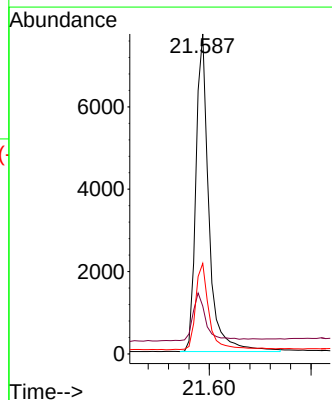
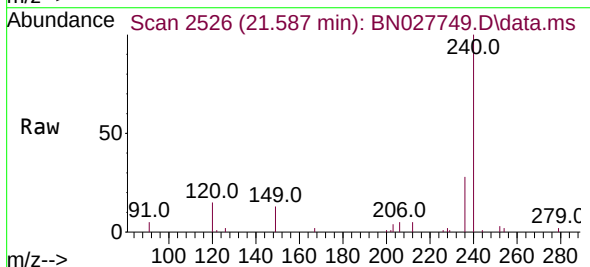
Instrument :
BNA_N
ClientSampleId :
SP-100-20230907DL

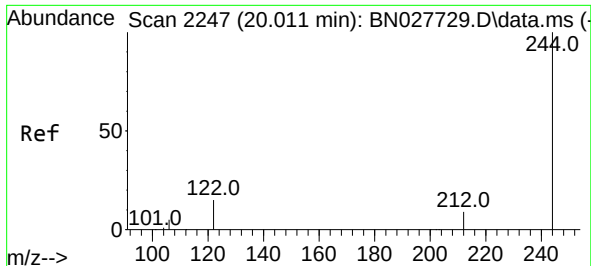
Tgt Ion:212 Resp: 7232
Ion Ratio Lower Upper
212 100
106 14.8 11.9 17.9
104 8.9 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.009 min
Lab File: BN027749.D
Acq: 19 Sep 2023 14:57

Tgt Ion:240 Resp: 13645
Ion Ratio Lower Upper
240 100
120 15.0 10.7 16.1
236 28.3 22.4 33.6

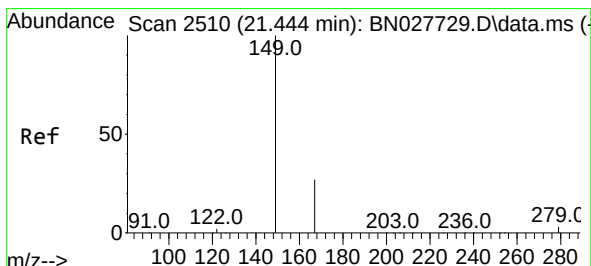
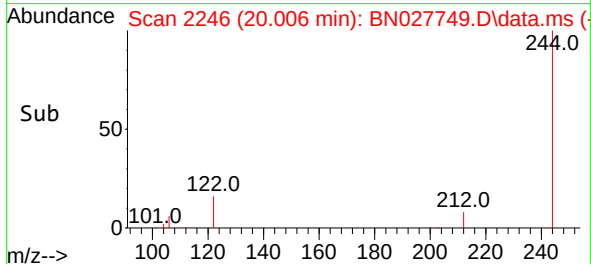
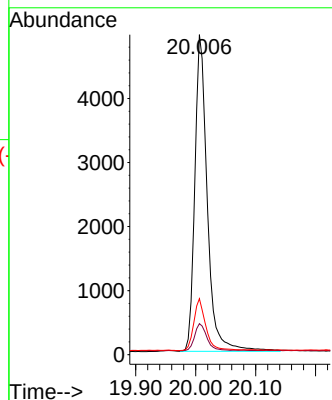
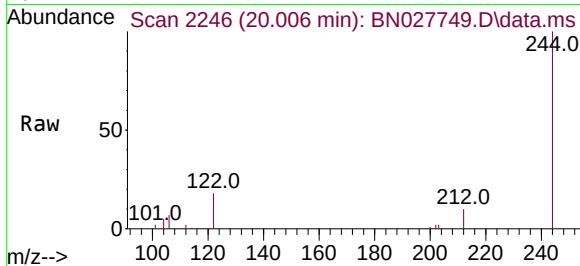




#31
 Terphenyl-d14
 Concen: 0.279 ng
 RT: 20.006 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027749.D
 Acq: 19 Sep 2023 14:57

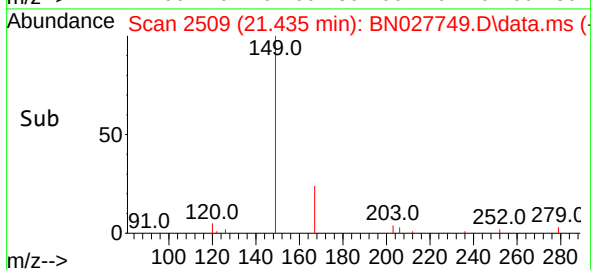
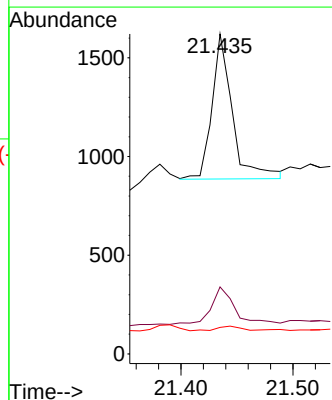
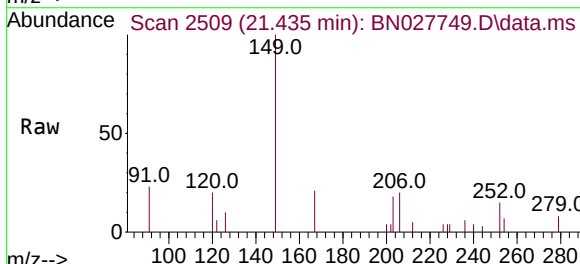
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230907DL

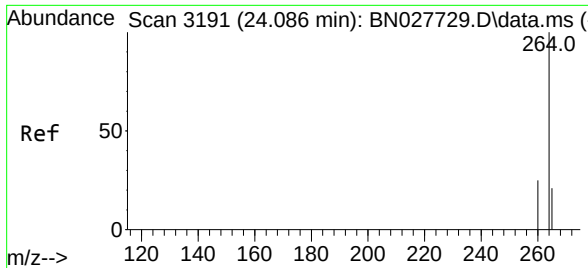
Tgt Ion:244 Resp: 7156
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.0 10.4
 122 17.5 12.7 19.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.435 min Scan# 2509
 Delta R.T. 0.000 min
 Lab File: BN027749.D
 Acq: 19 Sep 2023 14:57

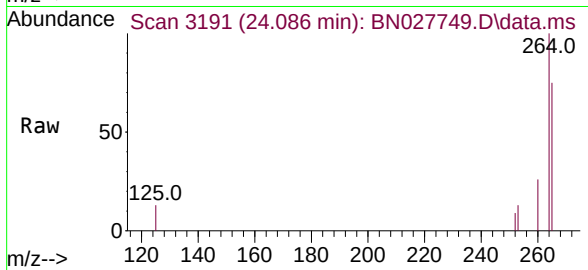
Tgt Ion:149 Resp: 926
 Ion Ratio Lower Upper
 149 100
 167 30.2 21.5 32.3
 279 3.5 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.086 min Scan# 31
 Delta R.T. 0.015 min
 Lab File: BN027749.D
 Acq: 19 Sep 2023 14:57

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230907DL



Tgt Ion:264 Resp: 13616

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.9	31.3
265	74.7	56.6	85.0

