

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
 Data File : BN027765.D
 Acq On : 20 Sep 2023 15:23
 Operator : MA/JU
 Sample : 04346-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 11 17:35:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 17:33:34 2023
 Response via : Initial Calibration

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

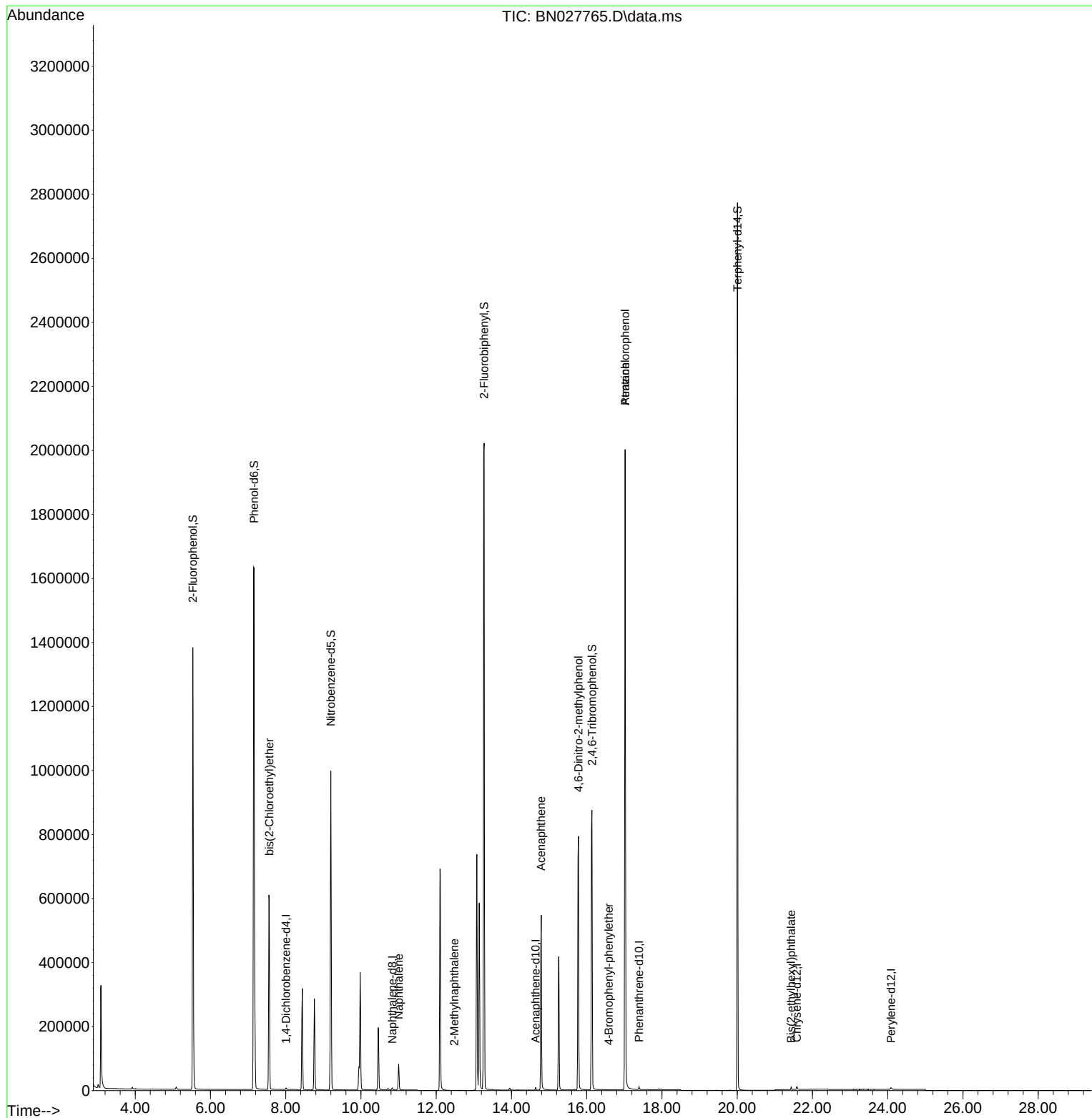
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	2194	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	7980	0.400	ng	# 0.00
13) Acenaphthene-d10	14.640	164	4725	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	11732	0.400	ng	0.00
29) Chrysene-d12	21.587	240	10988	0.400	ng	0.00
35) Perylene-d12	24.086	264	10583	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.531	112	1081158	194.805	ng	0.00
5) Phenol-d6	7.156	99	1615602	232.902	ng	0.00
8) Nitrobenzene-d5	9.198	82	758705	120.051	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	1	0.000	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	511263	254.449	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	1903610	119.292	ng	0.00
27) Fluoranthene-d10	19.416	212	167	0.005	ng	0.00
31) Terphenyl-d14	20.006	244	2599306	122.666	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.560	93	23454	3.453	ng	# 1
9) Naphthalene	11.002	128	28861	1.305	ng	# 80
12) 2-Methylnaphthalene	12.483	142	353	0.023	ng	# 69
17) Acenaphthene	14.790	154	324635	22.661	ng	# 4
20) 4,6-Dinitro-2-methylph...	15.779	198	581726	42.683	ng	# 8
21) 4-Bromophenyl-phenylether	16.586	248	158	0.026	ng	# 73
23) Atrazine	17.021	200	163687	37.032	ng	# 33
24) Pentachlorophenol	17.021	266	832916	42.486	ng	98
34) Bis(2-ethylhexyl)phtha...	21.435	149	7280	0.431	ng	99

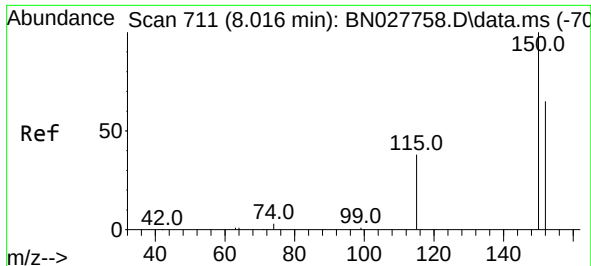
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
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BNA_N
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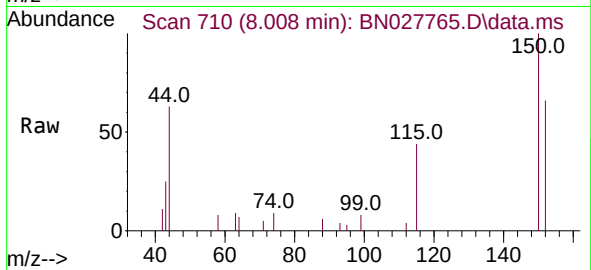
Quant Time: Oct 11 17:35:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
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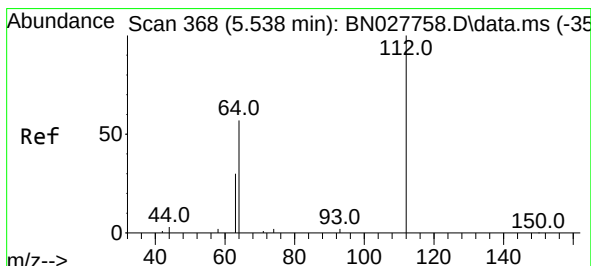
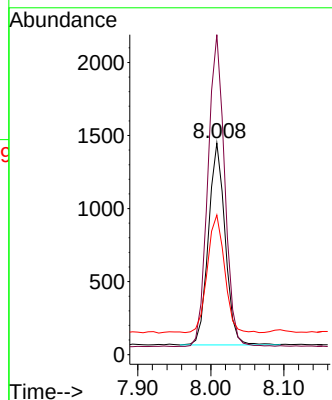
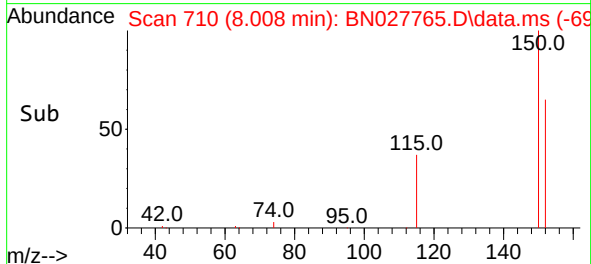


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.008 min Scan# 711
 Delta R.T. -0.008 min
 Lab File: BN027765.D
 Acq: 20 Sep 2023 15:23

Instrument :
 BNA_N
 ClientSampleId :

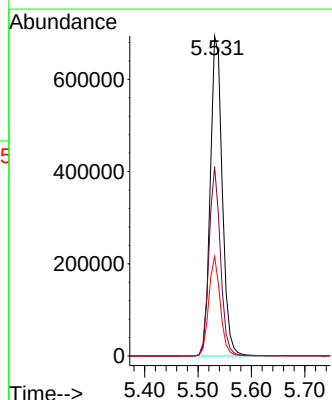
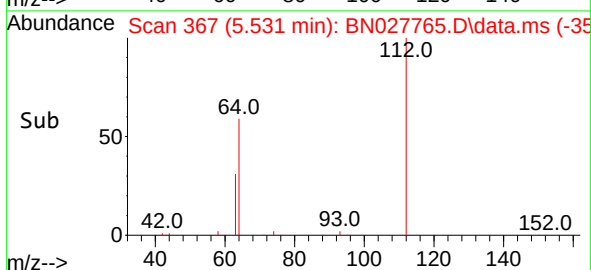
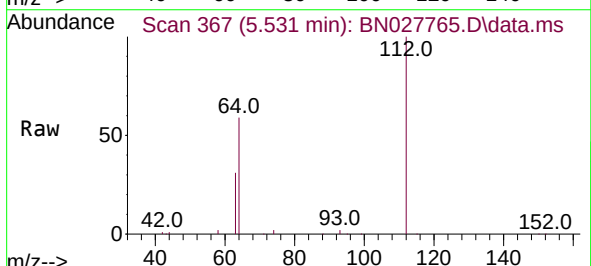


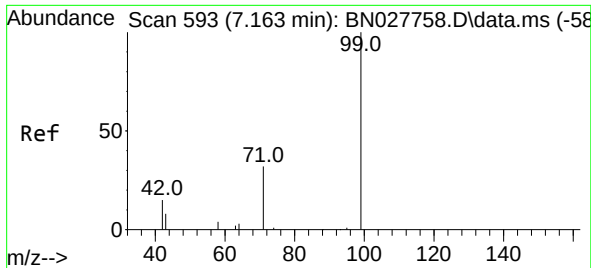
Tgt Ion:152 Resp: 2194
 Ion Ratio Lower Upper
 152 100
 150 151.1 120.2 180.2
 115 66.0 54.5 81.7



#4
 2-Fluorophenol
 Concen: 194.805 ng
 RT: 5.531 min Scan# 367
 Delta R.T. -0.007 min
 Lab File: BN027765.D
 Acq: 20 Sep 2023 15:23

Tgt Ion:112 Resp: 1081158
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.1 69.1
 63 30.0 24.0 36.0

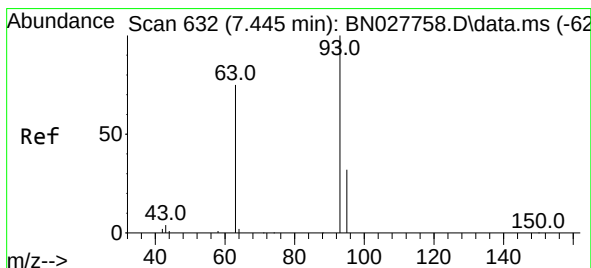
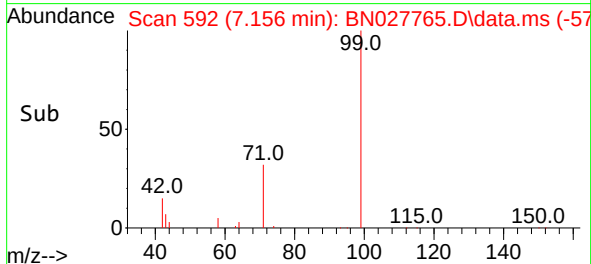
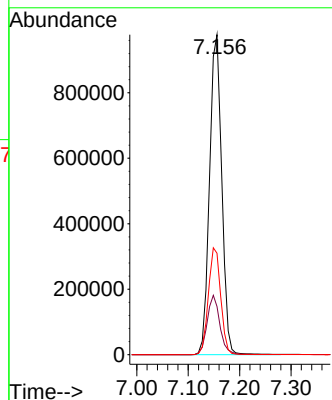
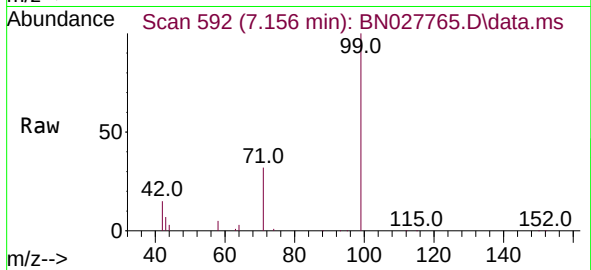




#5
Phenol-d6
Concen: 232.902 ng
RT: 7.156 min Scan# 593
Delta R.T. -0.007 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

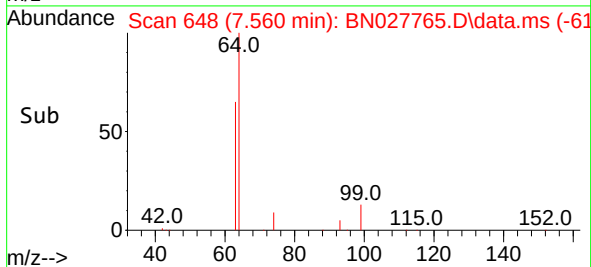
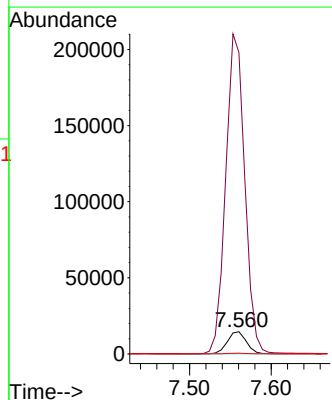
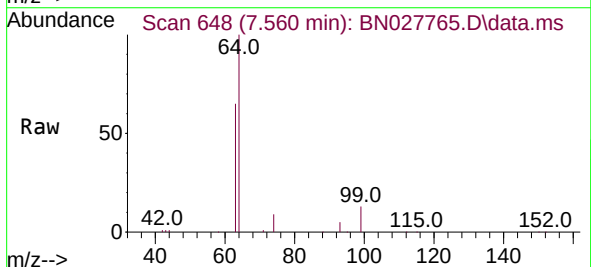
Instrument :
BNA_N
ClientSampleId :

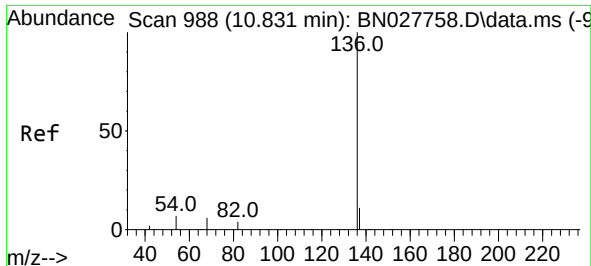
Tgt Ion: 99 Resp: 1615602
Ion Ratio Lower Upper
99 100
42 19.2 16.6 25.0
71 33.9 28.1 42.1



#6
bis(2-Chloroethyl)ether
Concen: 3.453 ng
RT: 7.560 min Scan# 648
Delta R.T. 0.115 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

Tgt Ion: 93 Resp: 23454
Ion Ratio Lower Upper
93 100
63 1447.7 59.5 89.3#
95 2.9 26.0 39.0#

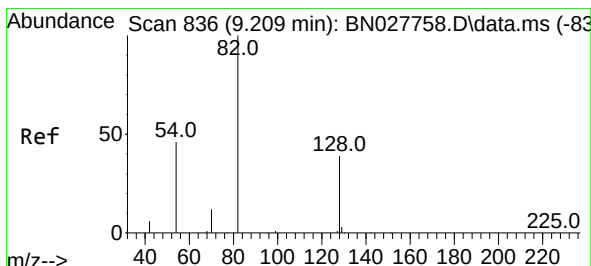
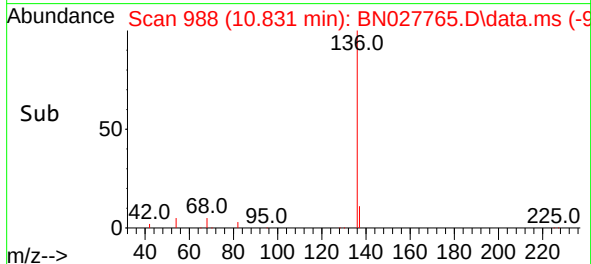
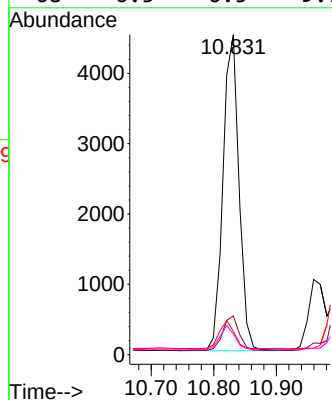
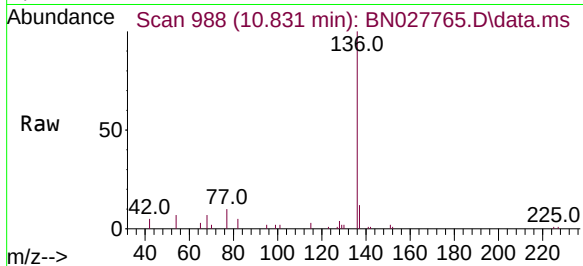




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

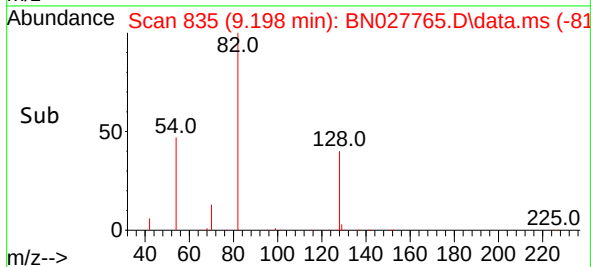
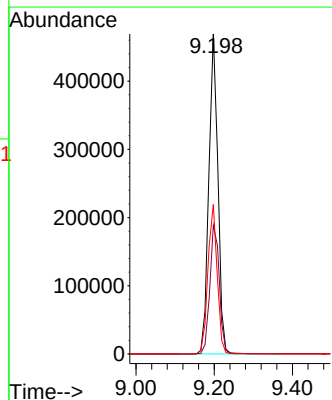
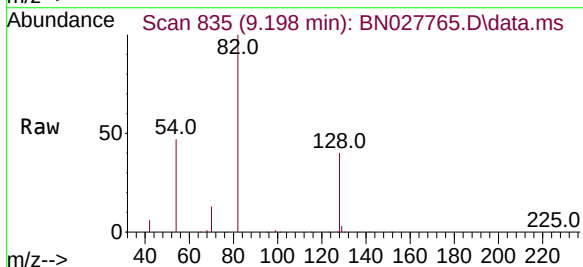
Instrument :
BNA_N
ClientSampleId :

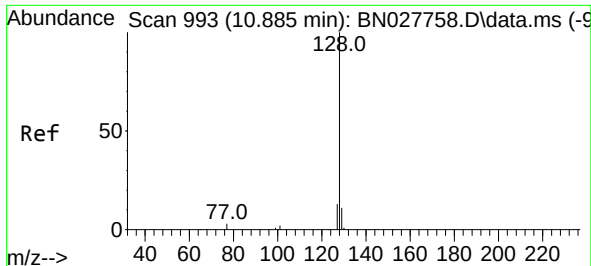
Tgt Ion:	136	Resp:	7980
Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.1	15.1
54	7.3	7.4	11.0
68	6.5	6.5	9.7



#8
Nitrobenzene-d5
Concen: 120.051 ng
RT: 9.198 min Scan# 835
Delta R.T. -0.011 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

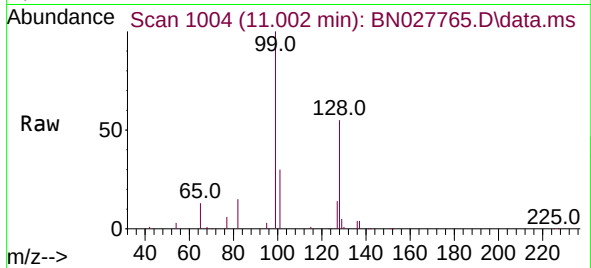
Tgt Ion:	82	Resp:	758705
Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.8	55.2
54	46.7	39.9	59.9



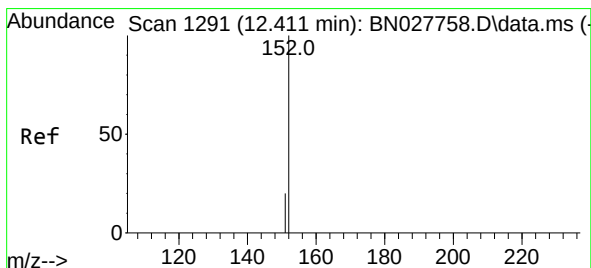
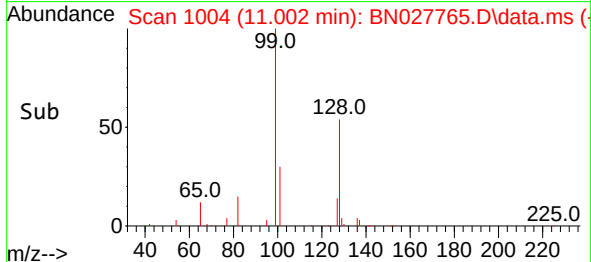
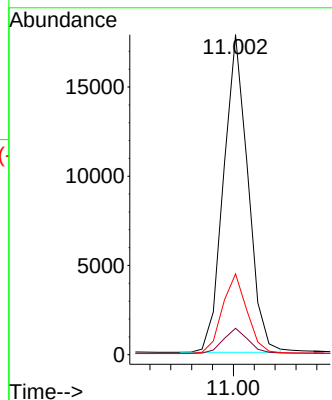


#9
Naphthalene
Concen: 1.305 ng
RT: 11.002 min Scan# 1004
Delta R.T. 0.117 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

Instrument :
BNA_N
ClientSampleId :

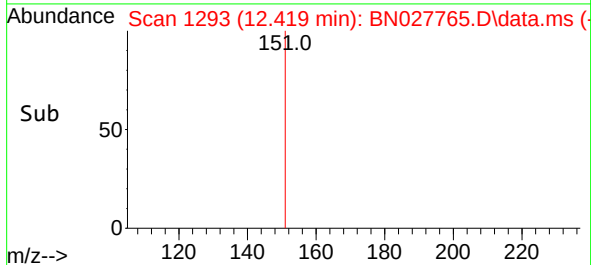
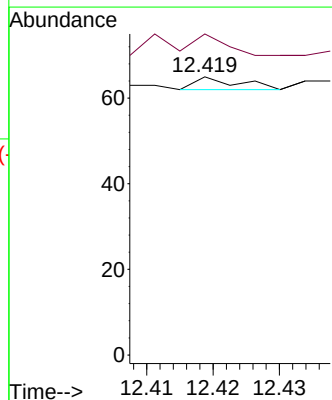
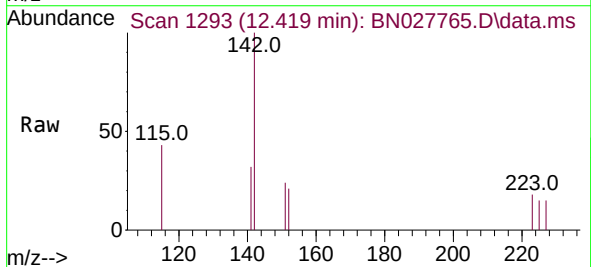


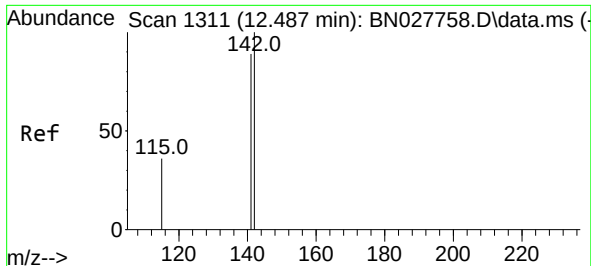
Tgt Ion:128 Resp: 28861
Ion Ratio Lower Upper
128 100
129 8.3 10.2 15.2#
127 25.3 11.1 16.7#



#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.419 min Scan# 1293
Delta R.T. 0.007 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

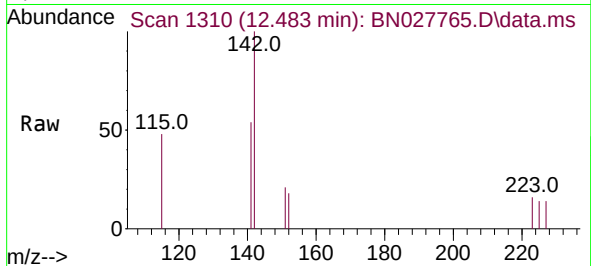
Tgt Ion:152 Resp: 1
Ion Ratio Lower Upper
152 100
151 0.0 15.6 23.4#



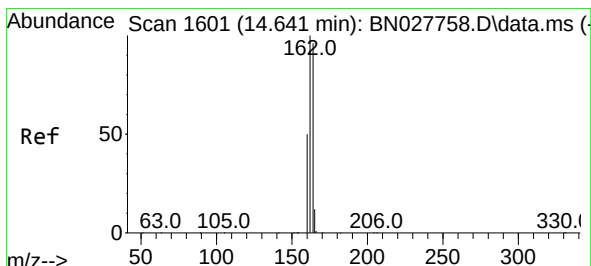
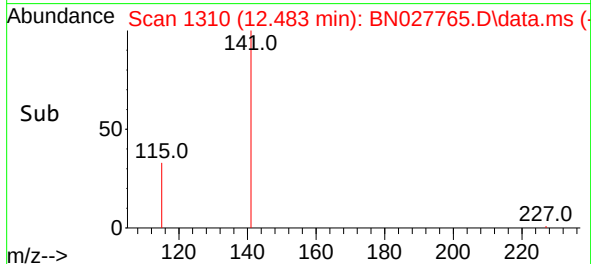
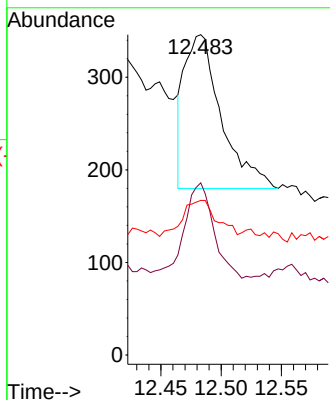


#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.483 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

Instrument :
BNA_N
ClientSampleId :

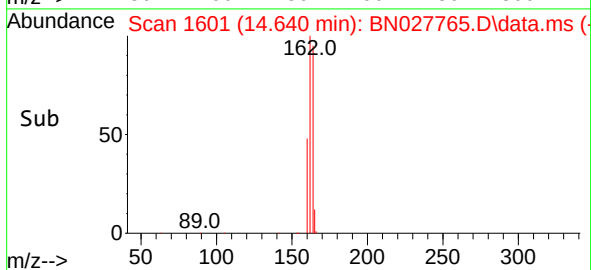
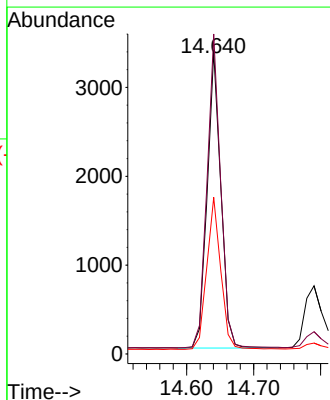
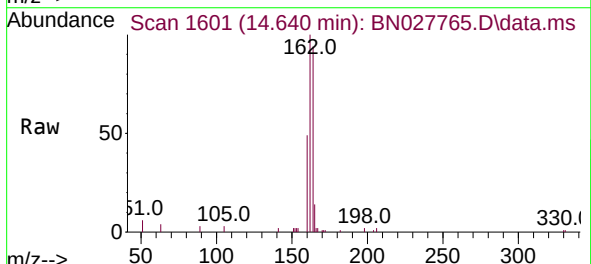


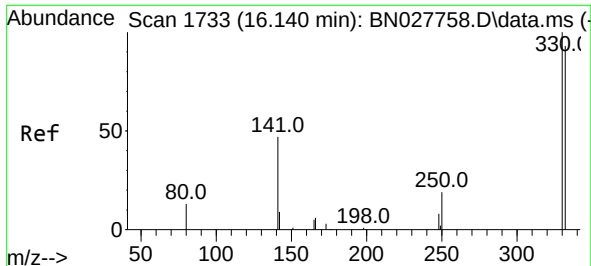
Tgt Ion:142 Resp: 353
Ion Ratio Lower Upper
142 100
141 53.8 71.5 107.3#
115 48.3 31.8 47.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.640 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

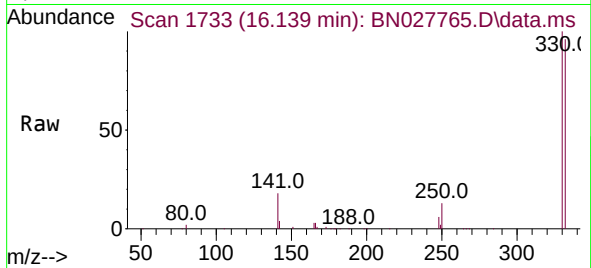
Tgt Ion:164 Resp: 4725
Ion Ratio Lower Upper
164 100
162 105.8 83.6 125.4
160 51.8 42.6 64.0



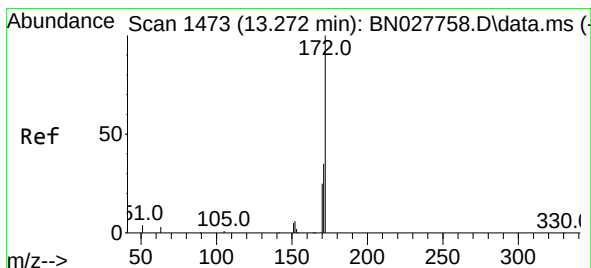
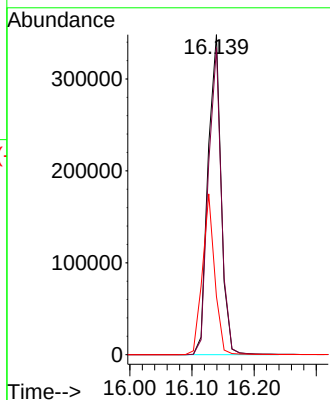
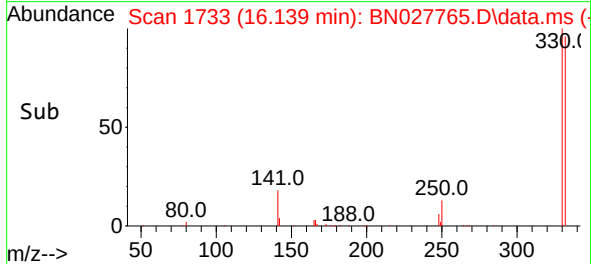


#14
2,4,6-Tribromophenol
Concen: 254.449 ng
RT: 16.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

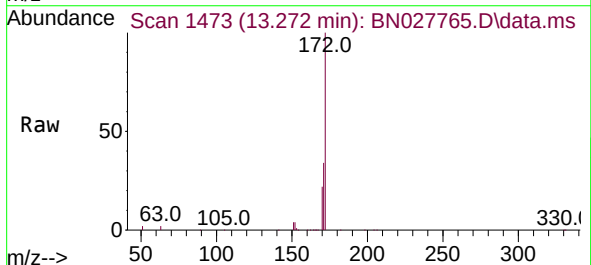
Instrument :
BNA_N
ClientSampleId :



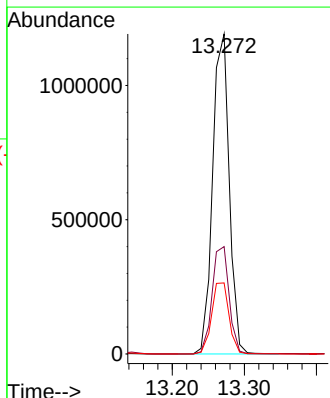
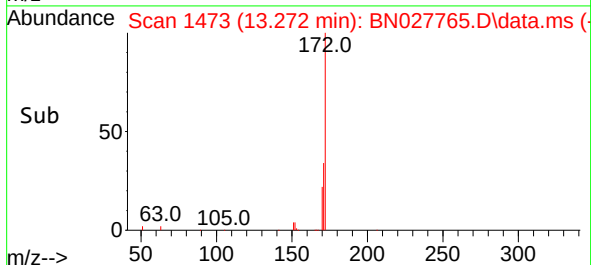
Tgt Ion:330 Resp: 511263
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.4
141 47.3 38.1 57.1

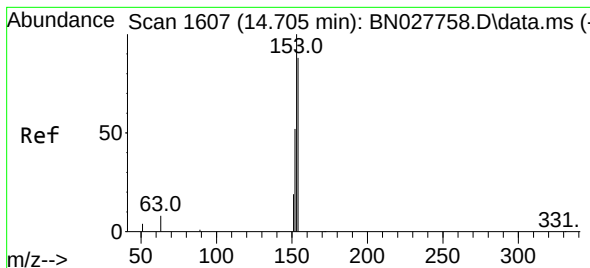


#15
2-Fluorobiphenyl
Concen: 119.292 ng
RT: 13.272 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23



Tgt Ion:172 Resp: 1903610
Ion Ratio Lower Upper
172 100
171 33.6 29.3 43.9
170 22.2 20.8 31.2





#17

Acenaphthene

Concen: 22.661 ng

RT: 14.790 min Scan# 1615

Delta R.T. 0.085 min

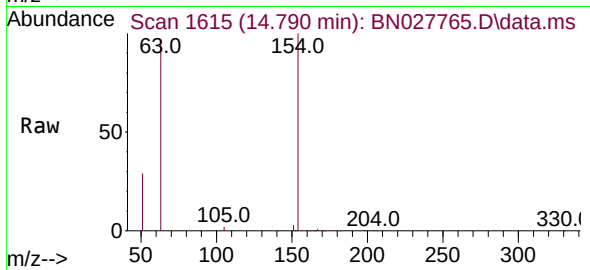
Lab File: BN027765.D

Acq: 20 Sep 2023 15:23

Instrument :

BNA_N

ClientSampleId :



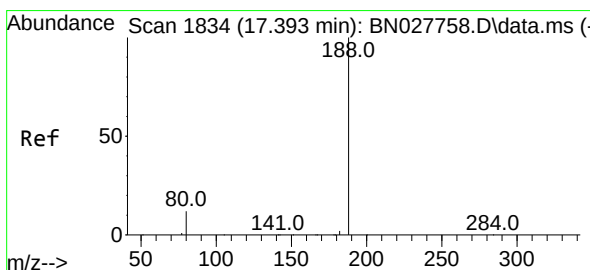
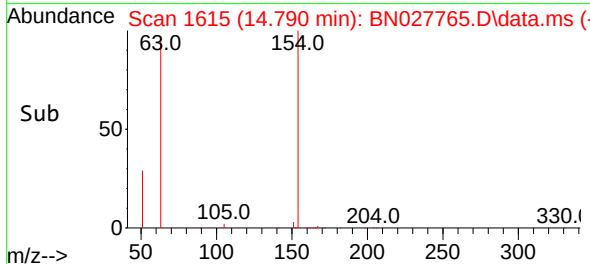
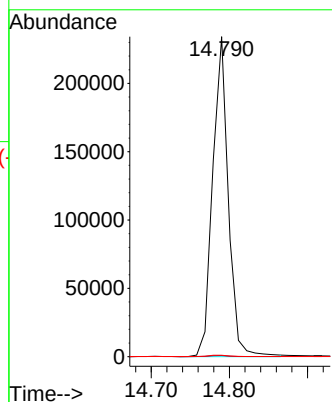
Tgt Ion:154 Resp: 324635

Ion Ratio Lower Upper

154 100

153 0.4 91.0 136.6#

152 0.6 47.4 71.2#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 1834

Delta R.T. -0.000 min

Lab File: BN027765.D

Acq: 20 Sep 2023 15:23

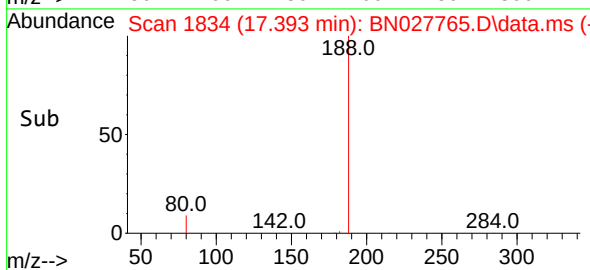
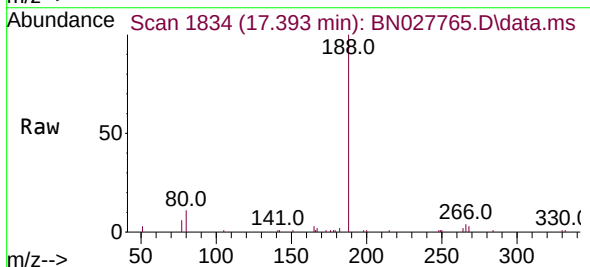
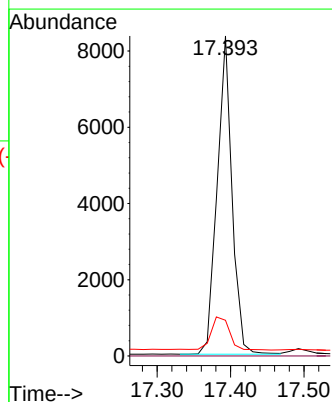
Tgt Ion:188 Resp: 11732

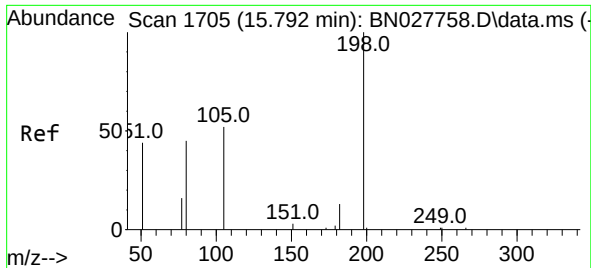
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 10.6 16.0

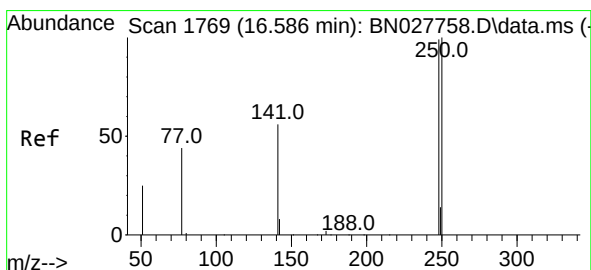
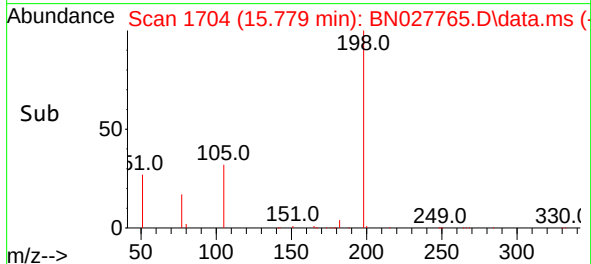
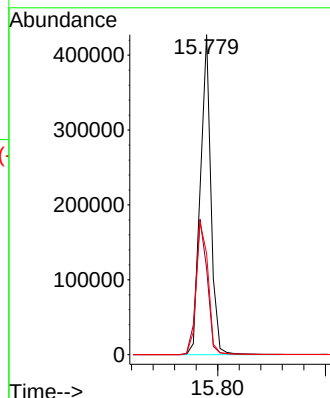
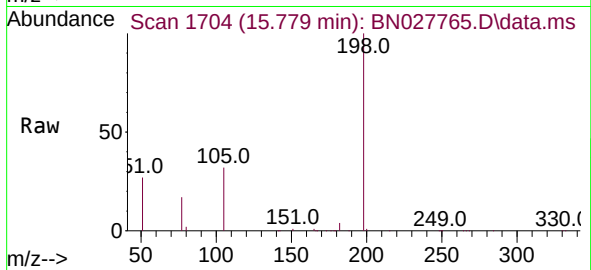




#20
4,6-Dinitro-2-methylphenol
Concen: 42.683 ng
RT: 15.779 min Scan# 1704
Delta R.T. -0.013 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

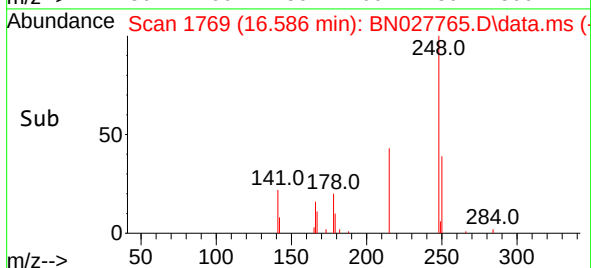
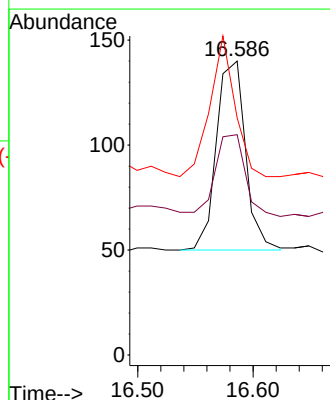
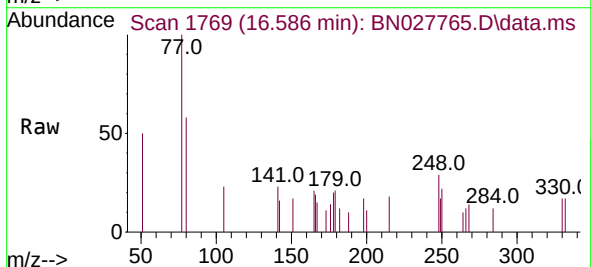
Instrument :
BNA_N
ClientSampleId :

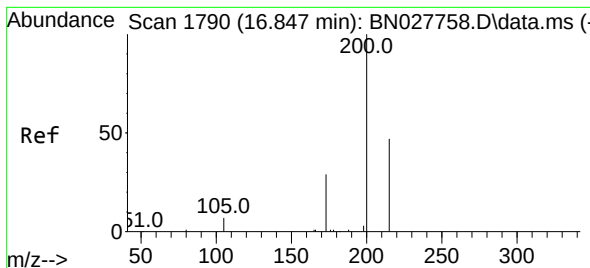
Tgt Ion:198 Resp: 581726
Ion Ratio Lower Upper
198 100
51 27.0 143.3 214.9#
105 31.7 73.4 110.2#



#21
4-Bromophenyl-phenylether
Concen: 0.026 ng
RT: 16.586 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

Tgt Ion:248 Resp: 158
Ion Ratio Lower Upper
248 100
250 75.0 81.4 122.2#
141 80.7 48.2 72.4#





#23

Atrazine

Concen: 37.032 ng

RT: 17.021 min Scan# 1804

Delta R.T. 0.174 min

Lab File: BN027765.D

Acq: 20 Sep 2023 15:23

Instrument :

BNA_N

ClientSampleId :

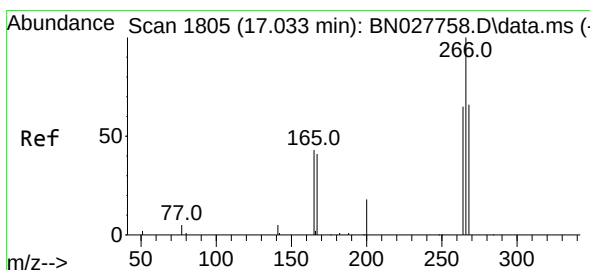
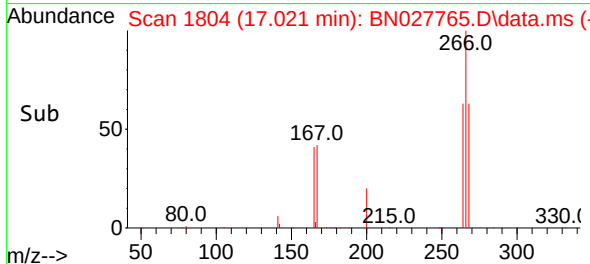
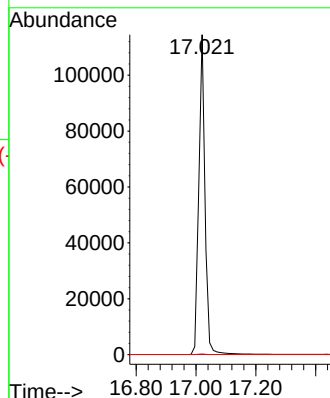
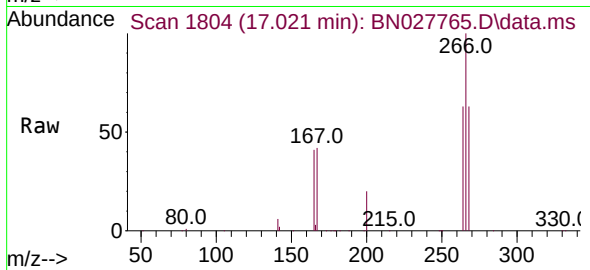
Tgt Ion:200 Resp: 163687

Ion Ratio Lower Upper

200 100

173 0.1 26.1 39.1#

215 0.2 40.0 60.0#



#24

Pentachlorophenol

Concen: 42.486 ng

RT: 17.021 min Scan# 1804

Delta R.T. -0.013 min

Lab File: BN027765.D

Acq: 20 Sep 2023 15:23

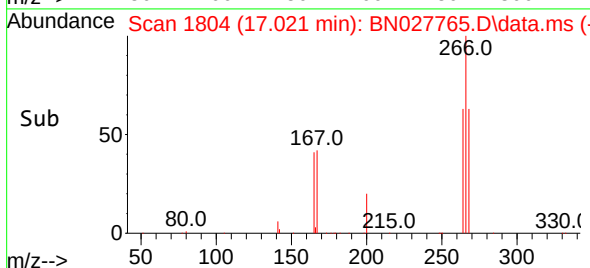
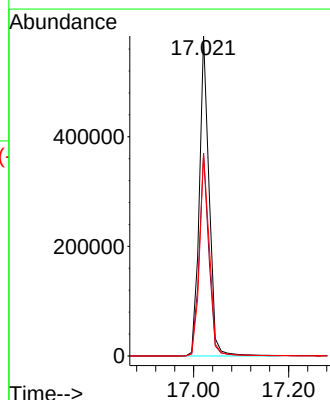
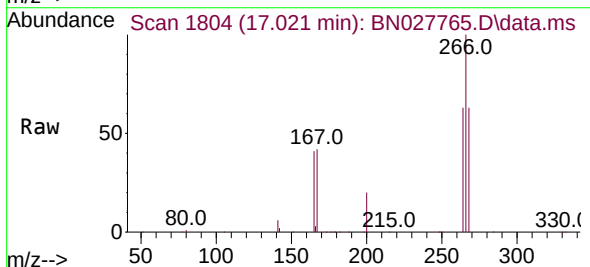
Tgt Ion:266 Resp: 832916

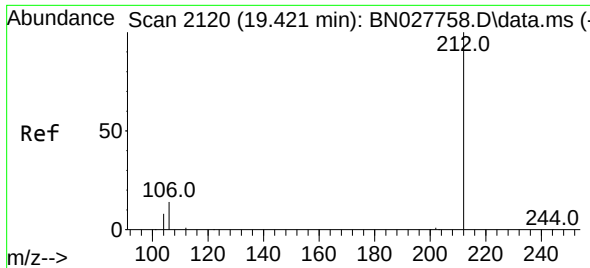
Ion Ratio Lower Upper

266 100

264 62.8 50.8 76.2

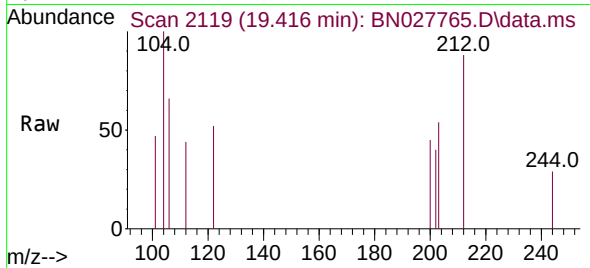
268 63.8 53.0 79.6



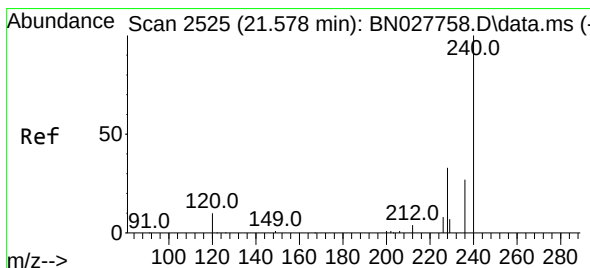
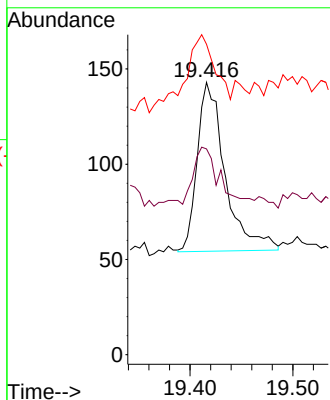
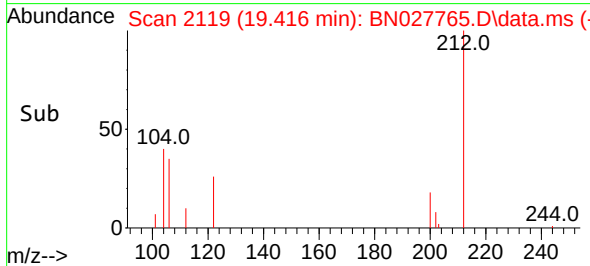


#27
Fluoranthene-d10
Concen: 0.005 ng
RT: 19.416 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

Instrument :
BNA_N
ClientSampleId :

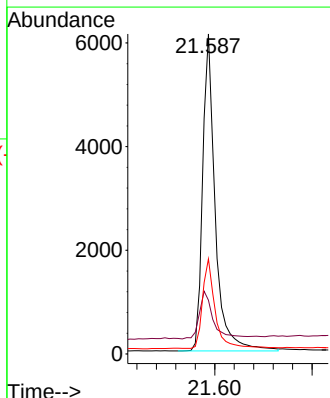
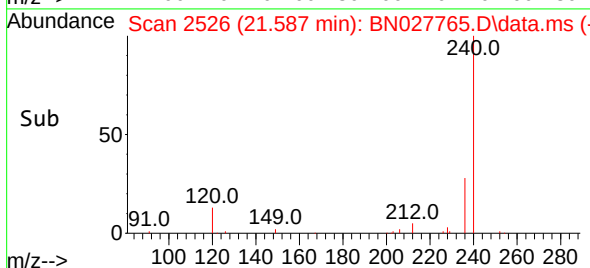
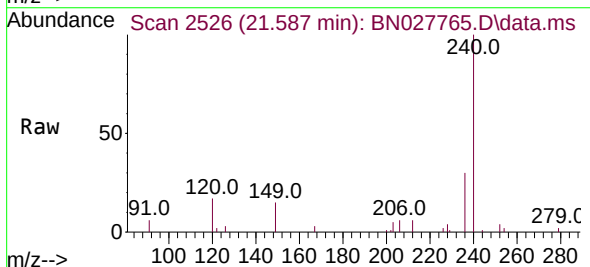


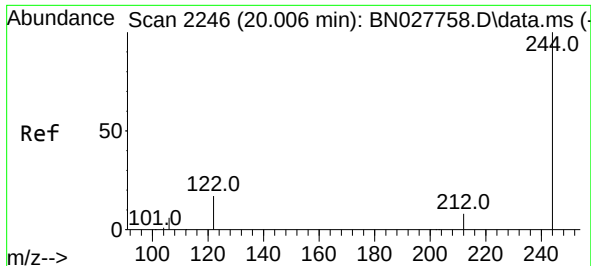
Tgt Ion:212 Resp: 167
Ion Ratio Lower Upper
212 100
106 30.5 12.2 18.2#
104 52.7 7.0 10.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.009 min
Lab File: BN027765.D
Acq: 20 Sep 2023 15:23

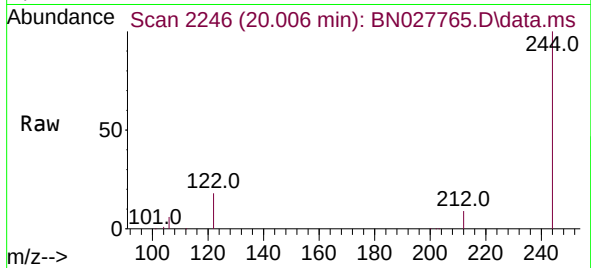
Tgt Ion:240 Resp: 10988
Ion Ratio Lower Upper
240 100
120 16.8 11.2 16.8
236 29.7 22.8 34.2



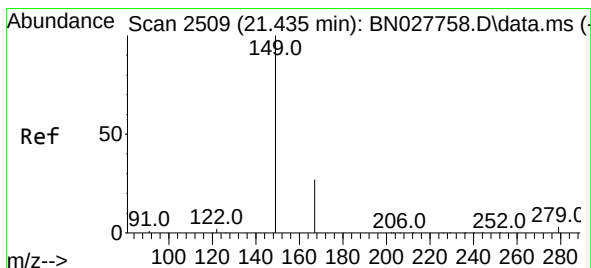
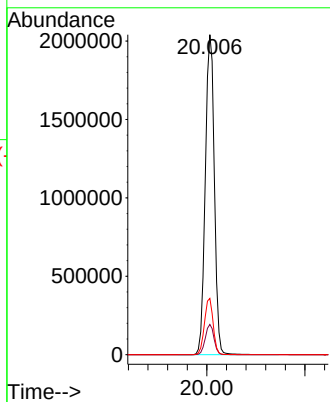
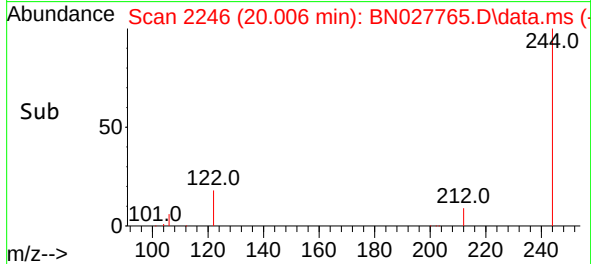


#31
 Terphenyl-d14
 Concen: 122.666 ng
 RT: 20.006 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN027765.D
 Acq: 20 Sep 2023 15:23

Instrument :
 BNA_N
 ClientSampleId :

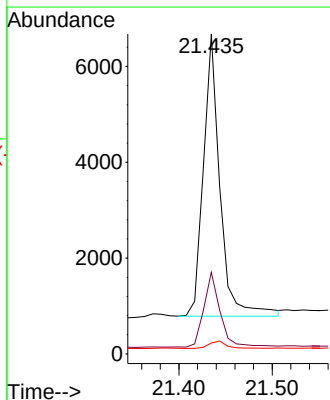
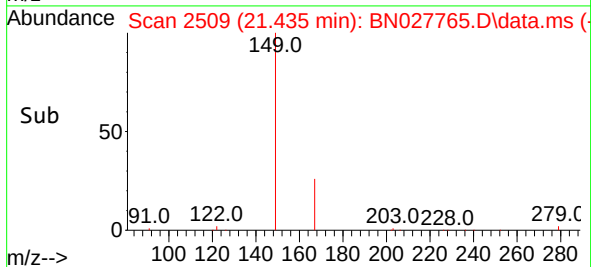
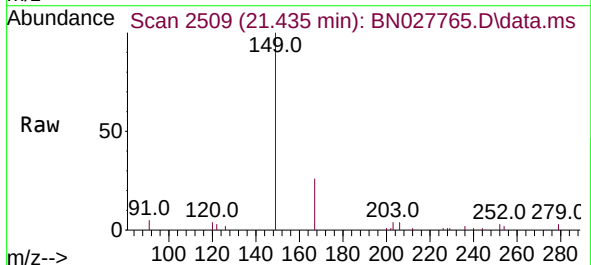


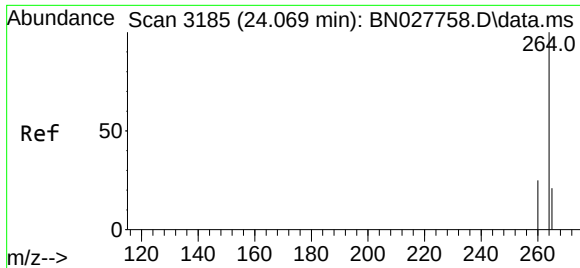
Tgt Ion:244 Resp: 2599306
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.5 11.3
 122 17.6 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.431 ng
 RT: 21.435 min Scan# 2509
 Delta R.T. -0.000 min
 Lab File: BN027765.D
 Acq: 20 Sep 2023 15:23

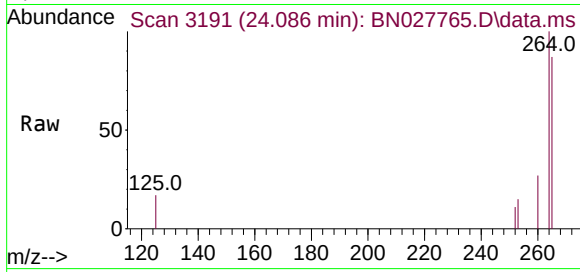
Tgt Ion:149 Resp: 7280
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.4 32.2
 279 2.7 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.086 min Scan# 31
 Delta R.T. 0.017 min
 Lab File: BN027765.D
 Acq: 20 Sep 2023 15:23

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 10583

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.0	31.6
265	86.9	60.5	90.7

