

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
 Data File : BN027766.D
 Acq On : 20 Sep 2023 16:08
 Operator : MA/JU
 Sample : 04346-08DL 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 11 17:39:47 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)

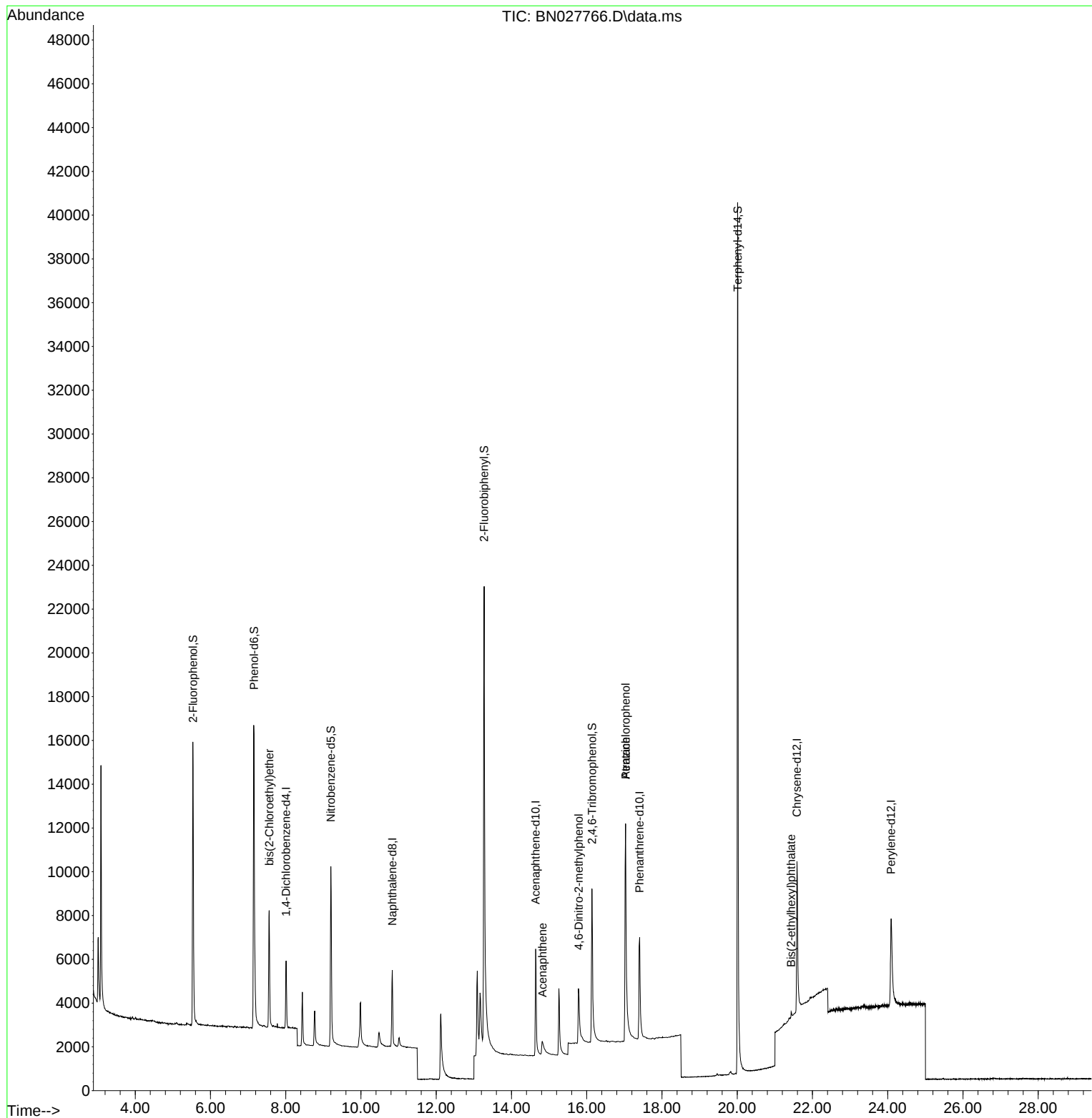
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	1605	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	5275	0.400	ng	0.00
13) Acenaphthene-d10	14.640	164	3646	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	10194	0.400	ng	0.01
29) Chrysene-d12	21.587	240	10028	0.400	ng	# 0.00
35) Perylene-d12	24.089	264	9354	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.538	112	11830	2.914	ng	0.00
5) Phenol-d6	7.156	99	15460	3.047	ng	0.00
8) Nitrobenzene-d5	9.198	82	8364	2.002	ng	-0.01
11) 2-Methylnaphthalene-d10	12.430	152	6	0.001	ng	0.02
14) 2,4,6-Tribromophenol	16.139	330	4859	3.134	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	25589	2.078	ng	0.00
27) Fluoranthene-d10	19.435	212	23	0.001	ng	0.01
31) Terphenyl-d14	20.011	244	47888	2.476	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.560	93	242	0.049	ng	# 1
17) Acenaphthene	14.822	154	731	0.066	ng	# 4
20) 4,6-Dinitro-2-methylph...	15.792	198	2886	2.522	ng	# 29
23) Atrazine	17.033	200	1520	0.396	ng	# 47
24) Pentachlorophenol	17.033	266	7340	2.877	ng	98
34) Bis(2-ethylhexyl)phtha...	21.435	149	309	0.020	ng	# 89

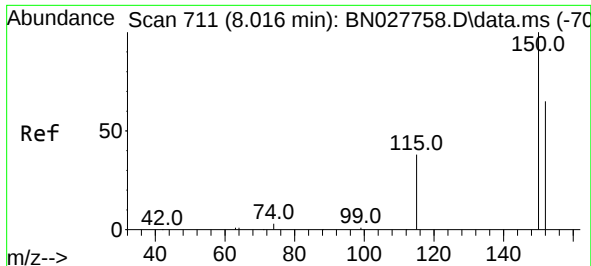
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
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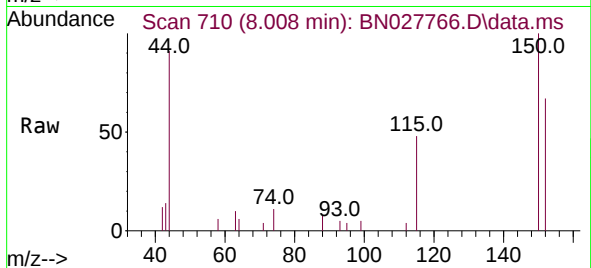
Quant Time: Oct 11 17:39:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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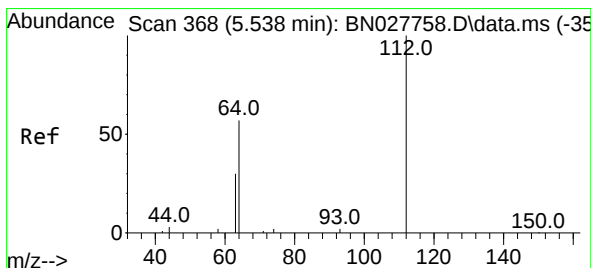
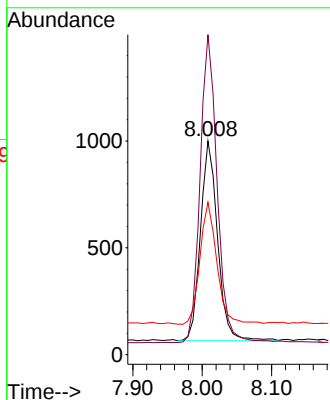
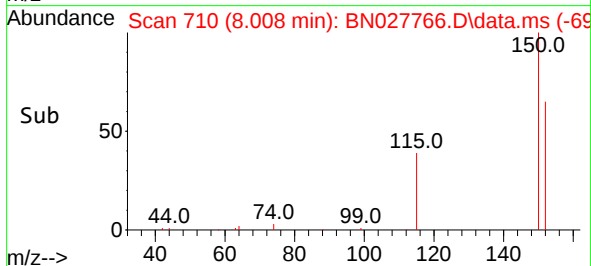


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.008 min Scan# 711
 Delta R.T. -0.008 min
 Lab File: BN027766.D
 Acq: 20 Sep 2023 16:08

Instrument :
 BNA_N
 ClientSampleId :

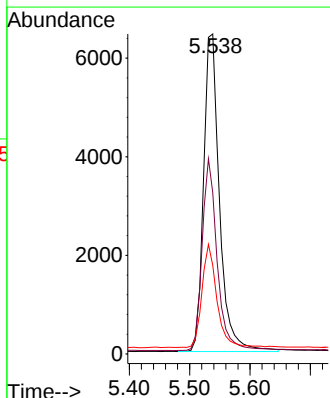
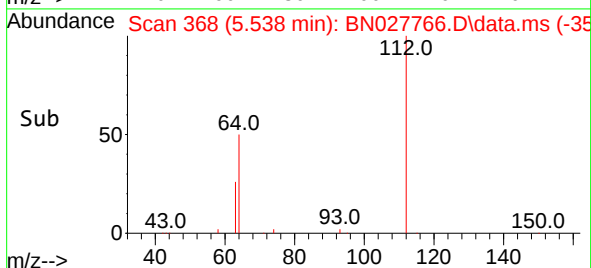
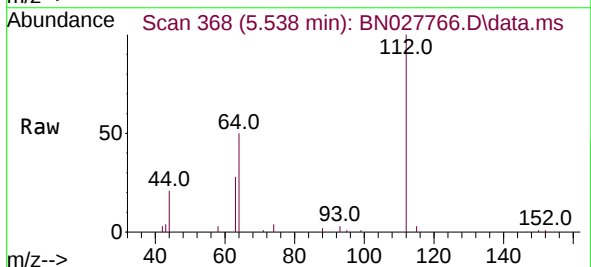


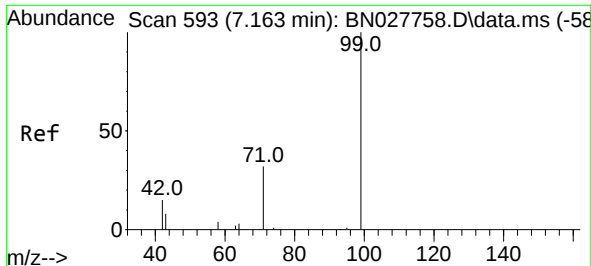
Tgt Ion:152 Resp: 1605
 Ion Ratio Lower Upper
 152 100
 150 149.8 120.2 180.2
 115 71.3 54.5 81.7



#4
 2-Fluorophenol
 Concen: 2.914 ng
 RT: 5.538 min Scan# 368
 Delta R.T. -0.000 min
 Lab File: BN027766.D
 Acq: 20 Sep 2023 16:08

Tgt Ion:112 Resp: 11830
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.1 69.1
 63 30.6 24.0 36.0

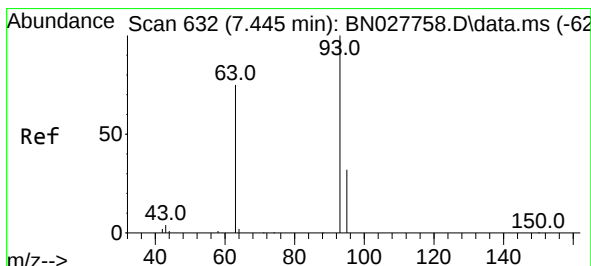
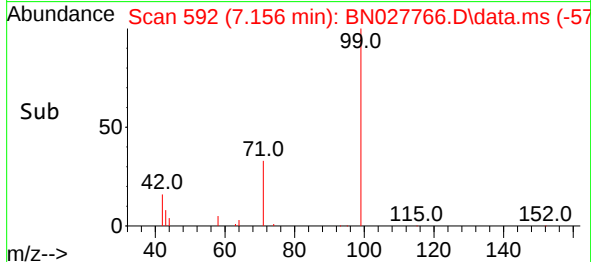
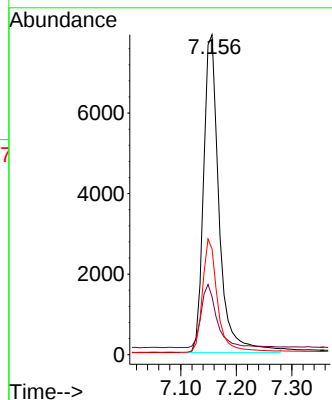
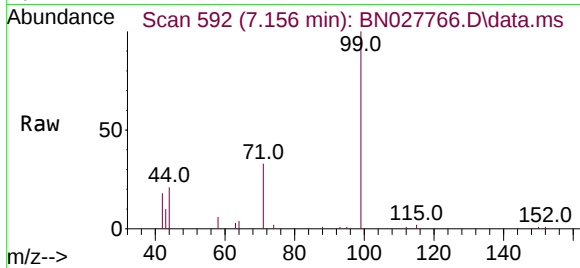




#5
Phenol-d6
Concen: 3.047 ng
RT: 7.156 min Scan# 593
Delta R.T. -0.007 min
Lab File: BN027766.D
Acq: 20 Sep 2023 16:08

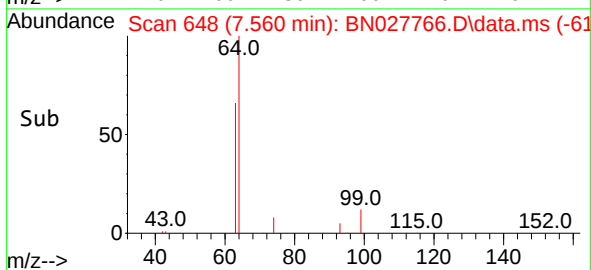
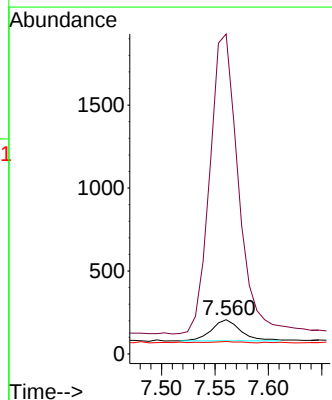
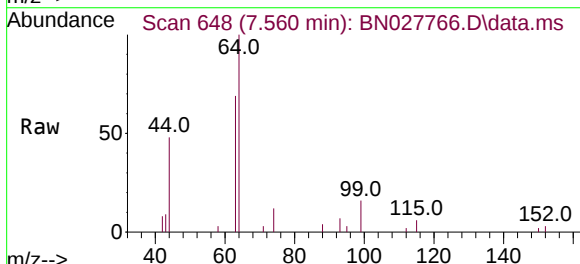
Instrument :
BNA_N
ClientSampleId :

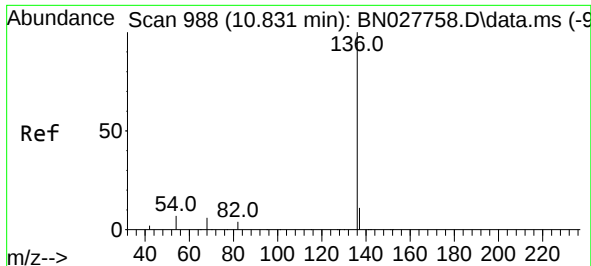
Tgt Ion: 99 Resp: 15460
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 34.5 28.1 42.1



#6
bis(2-Chloroethyl)ether
Concen: 0.049 ng
RT: 7.560 min Scan# 648
Delta R.T. 0.115 min
Lab File: BN027766.D
Acq: 20 Sep 2023 16:08

Tgt Ion: 93 Resp: 242
Ion Ratio Lower Upper
93 100
63 1384.3 59.5 89.3#
95 5.8 26.0 39.0#

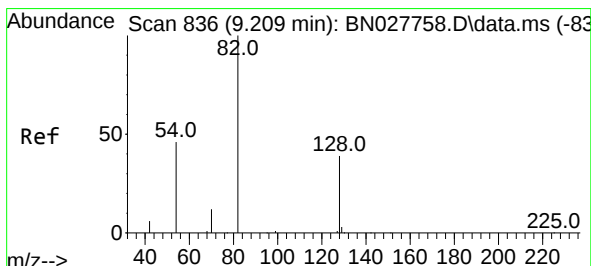
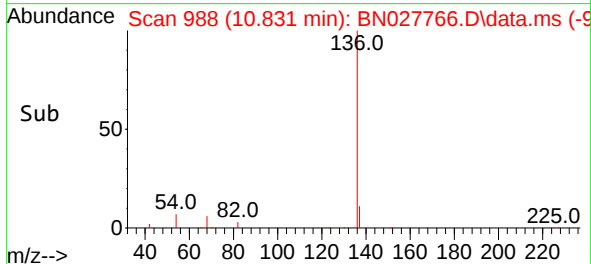
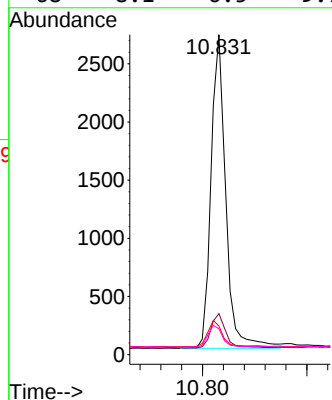
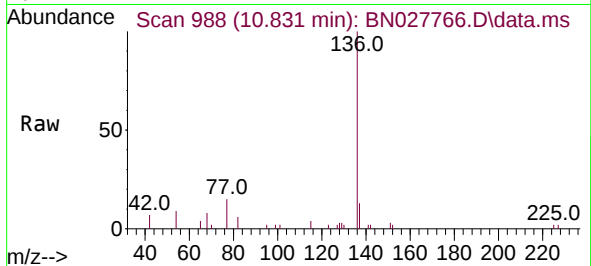




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN027766.D
Acq: 20 Sep 2023 16:08

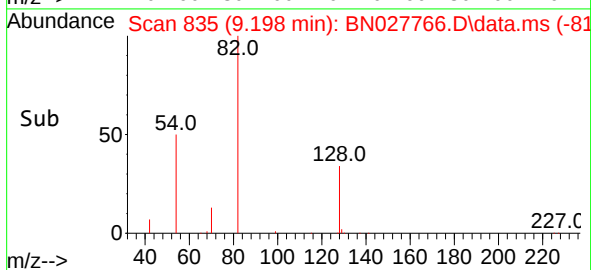
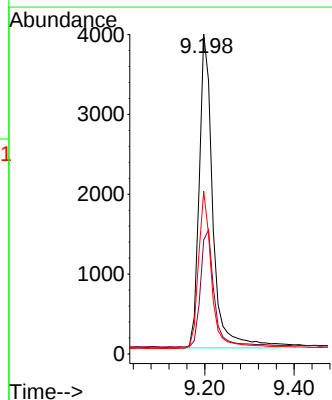
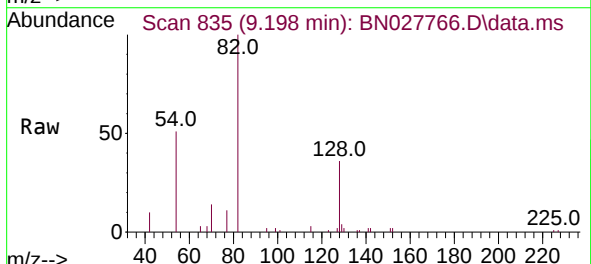
Instrument :
BNA_N
ClientSampleId :

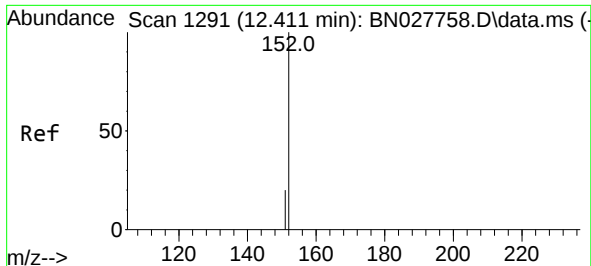
Tgt Ion:	136	Resp:	5275
Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.1	15.1
54	8.9	7.4	11.0
68	8.1	6.5	9.7



#8
Nitrobenzene-d5
Concen: 2.002 ng
RT: 9.198 min Scan# 835
Delta R.T. -0.011 min
Lab File: BN027766.D
Acq: 20 Sep 2023 16:08

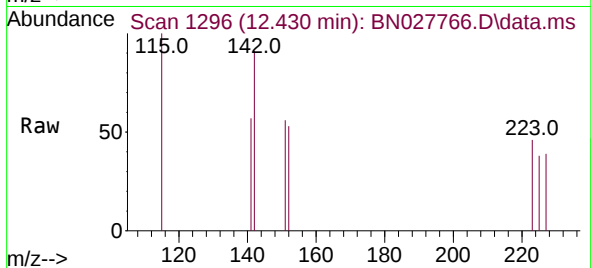
Tgt Ion:	82	Resp:	8364
Ion	Ratio	Lower	Upper
82	100		
128	35.7	36.8	55.2#
54	50.8	39.9	59.9



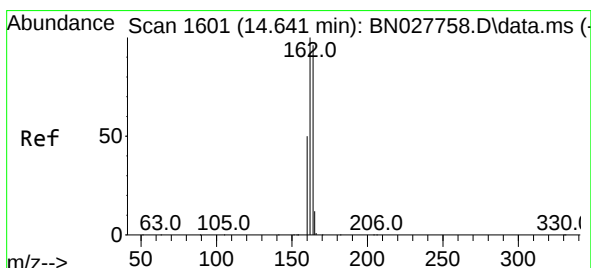
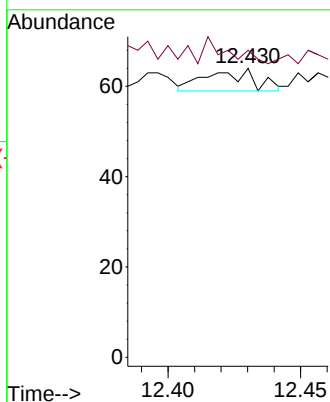
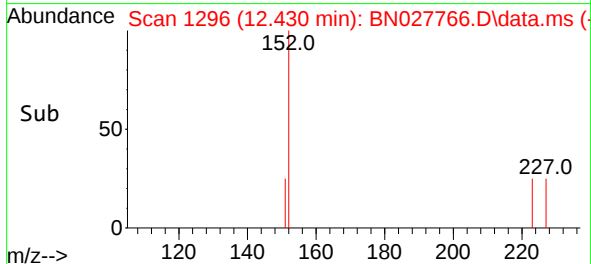


#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.430 min Scan# 1291
Delta R.T. 0.019 min
Lab File: BN027766.D
Acq: 20 Sep 2023 16:08

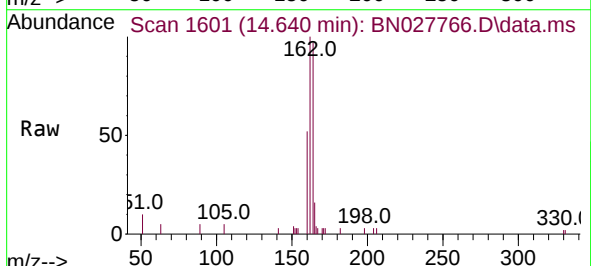
Instrument :
BNA_N
ClientSampleId :



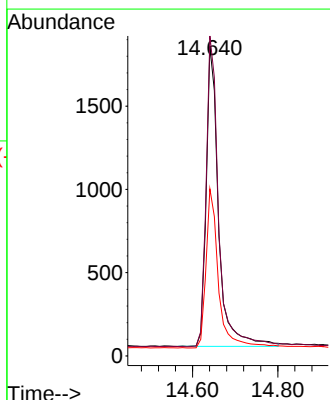
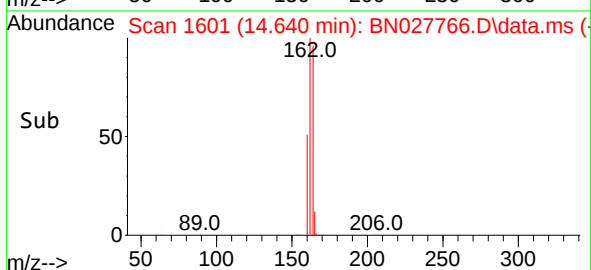
Tgt Ion:152 Resp: 6
Ion Ratio Lower Upper
152 100
151 66.7 15.6 23.4#

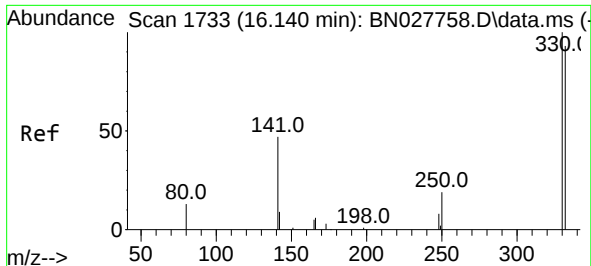


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.640 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN027766.D
Acq: 20 Sep 2023 16:08



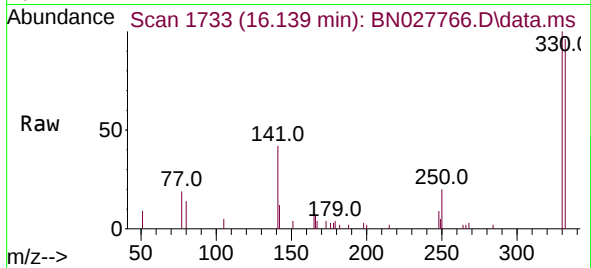
Tgt Ion:164 Resp: 3646
Ion Ratio Lower Upper
164 100
162 103.4 83.6 125.4
160 54.0 42.6 64.0



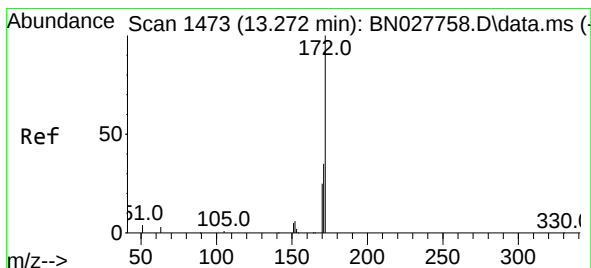
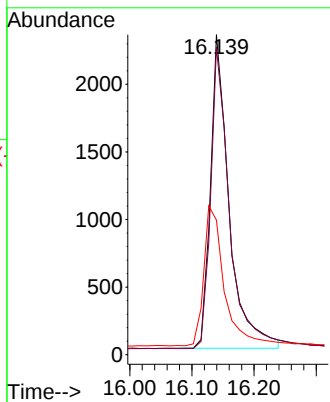
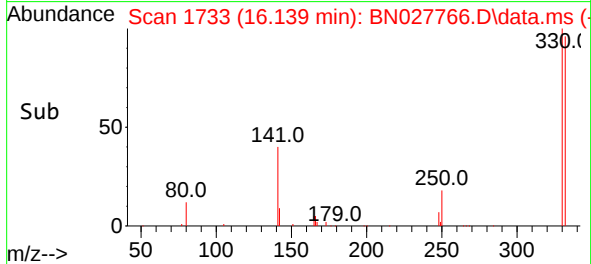


#14
2,4,6-Tribromophenol
Concen: 3.134 ng
RT: 16.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027766.D
Acq: 20 Sep 2023 16:08

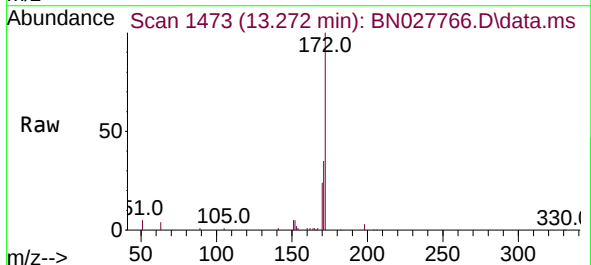
Instrument :
BNA_N
ClientSampleId :



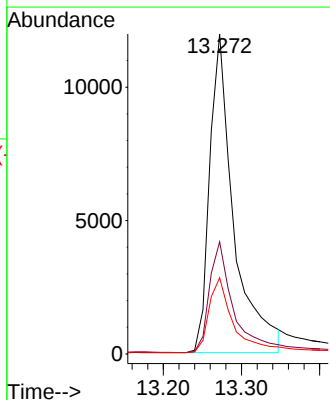
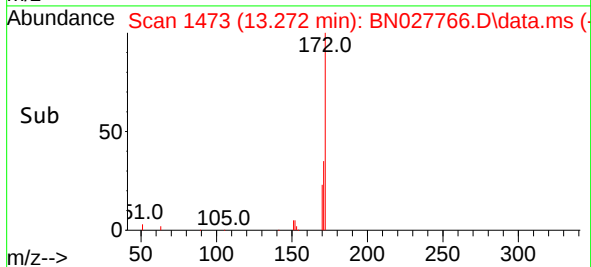
Tgt Ion:330 Resp: 4859
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 49.0 38.1 57.1

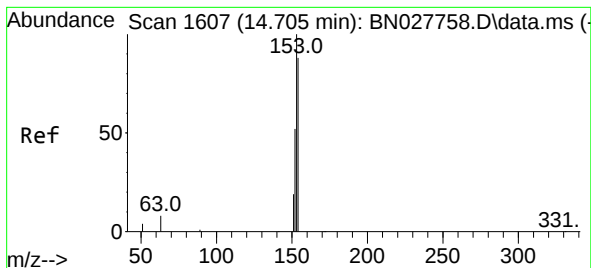


#15
2-Fluorobiphenyl
Concen: 2.078 ng
RT: 13.272 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN027766.D
Acq: 20 Sep 2023 16:08



Tgt Ion:172 Resp: 25589
Ion Ratio Lower Upper
172 100
171 35.0 29.3 43.9
170 23.8 20.8 31.2





#17

Acenaphthene

Concen: 0.066 ng

RT: 14.822 min Scan# 1

Delta R.T. 0.118 min

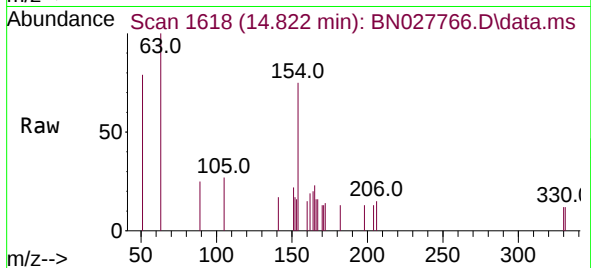
Lab File: BN027766.D

Acq: 20 Sep 2023 16:08

Instrument :

BNA_N

ClientSampleId :



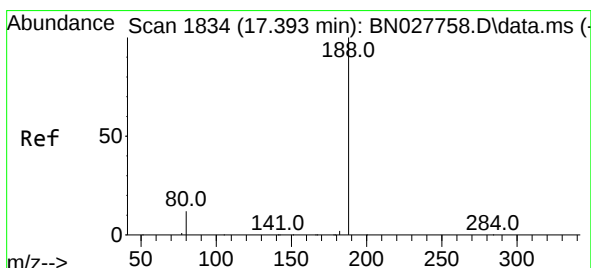
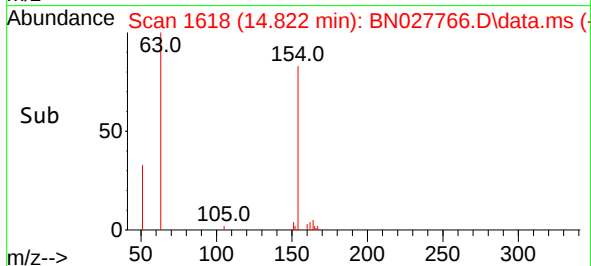
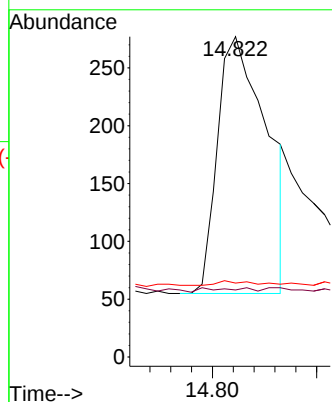
Tgt Ion:154 Resp: 731

Ion Ratio Lower Upper

154 100

153 0.0 91.0 136.6#

152 1.2 47.4 71.2#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 1835

Delta R.T. 0.012 min

Lab File: BN027766.D

Acq: 20 Sep 2023 16:08

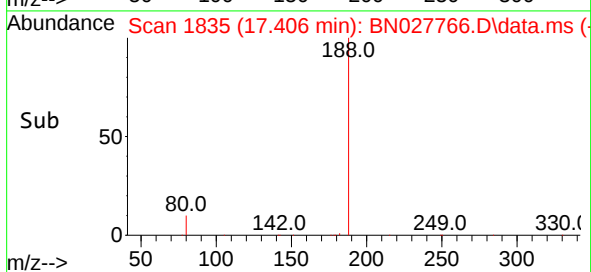
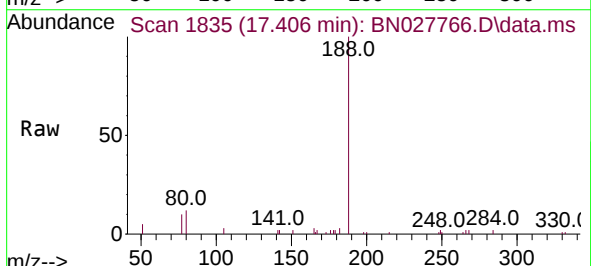
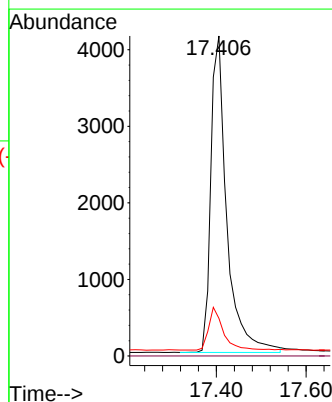
Tgt Ion:188 Resp: 10194

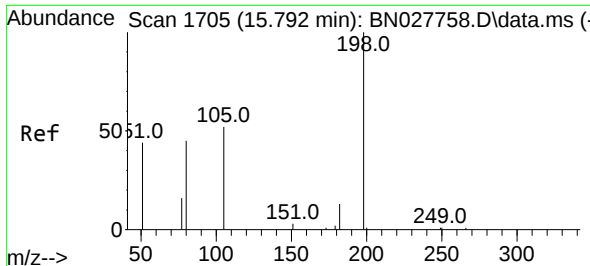
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 10.6 16.0

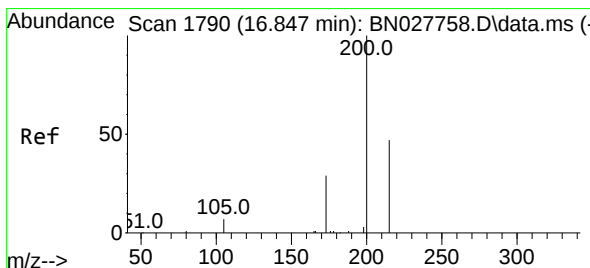
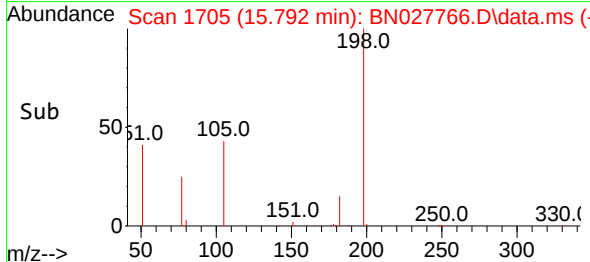
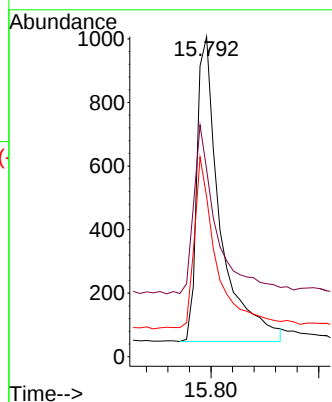
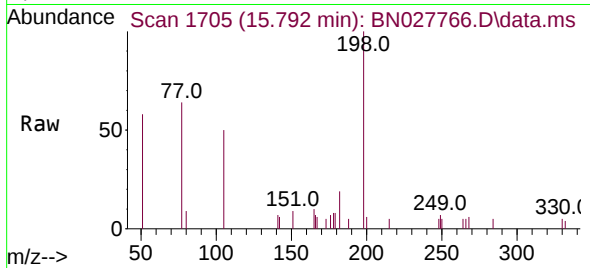




#20
4,6-Dinitro-2-methylphenol
Concen: 2.522 ng
RT: 15.792 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027766.D
Acq: 20 Sep 2023 16:08

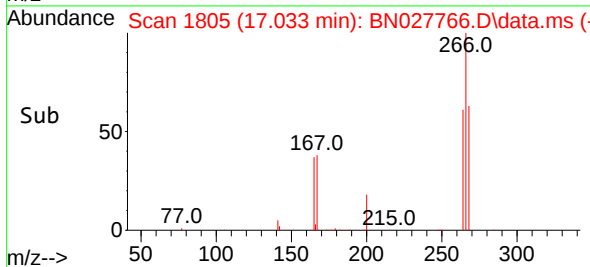
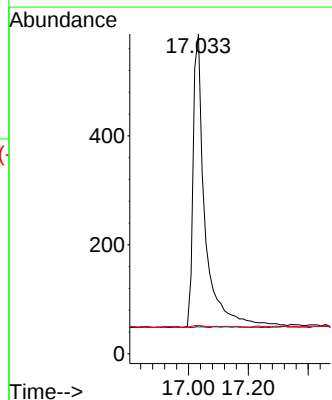
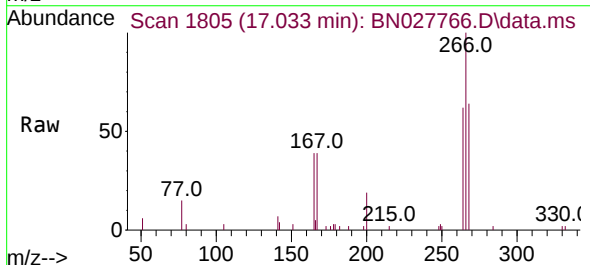
Instrument :
BNA_N
ClientSampleId :

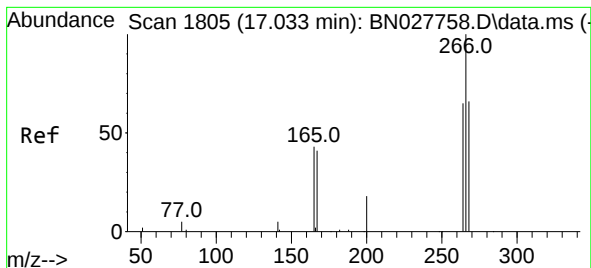
Tgt Ion:198 Resp: 2886
Ion Ratio Lower Upper
198 100
51 58.5 143.3 214.9#
105 50.0 73.4 110.2#



#23
Atrazine
Concen: 0.396 ng
RT: 17.033 min Scan# 1805
Delta R.T. 0.186 min
Lab File: BN027766.D
Acq: 20 Sep 2023 16:08

Tgt Ion:200 Resp: 1520
Ion Ratio Lower Upper
200 100
173 8.7 26.1 39.1#
215 8.9 40.0 60.0#





#24

Pentachlorophenol

Concen: 2.877 ng

RT: 17.033 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BN027766.D

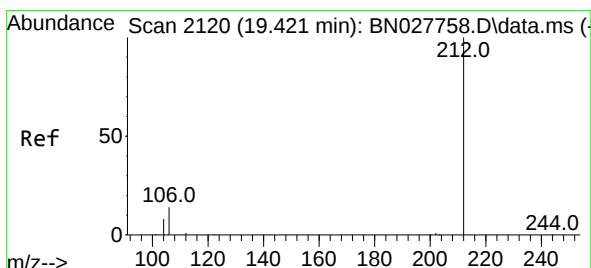
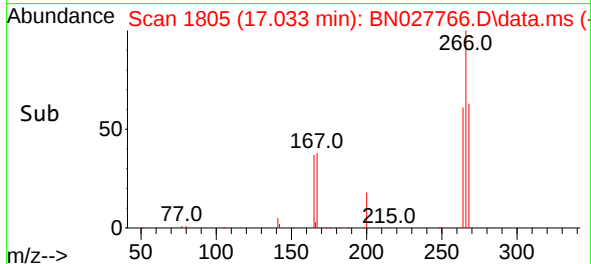
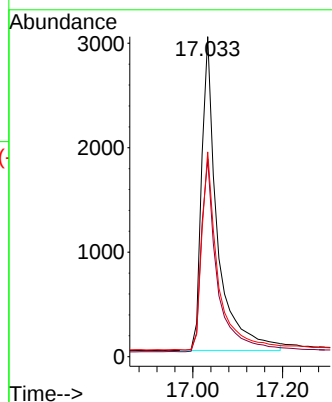
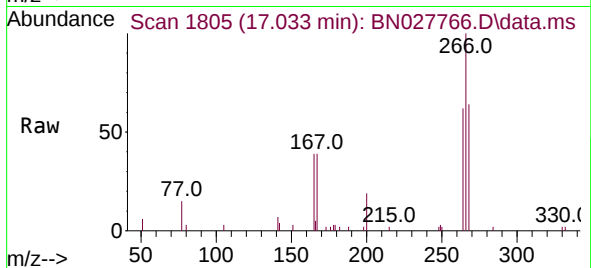
Acq: 20 Sep 2023 16:08

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	266	Resp:	7340
Ion Ratio	Lower	Upper	
266	100		
264	62.6	50.8	76.2
268	64.5	53.0	79.6



#27

Fluoranthene-d10

Concen: 0.001 ng

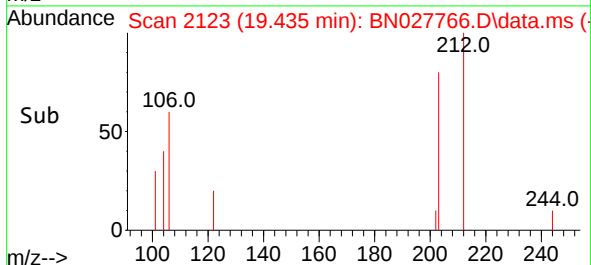
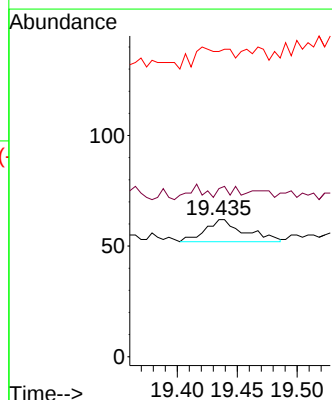
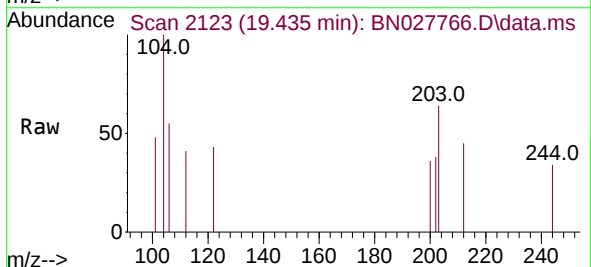
RT: 19.435 min Scan# 2123

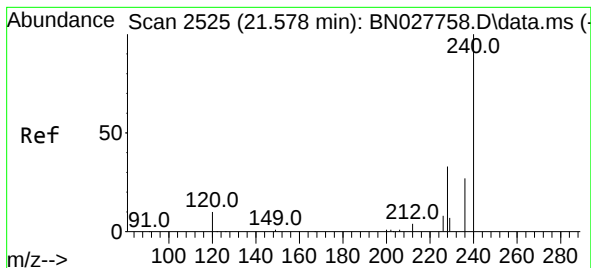
Delta R.T. 0.014 min

Lab File: BN027766.D

Acq: 20 Sep 2023 16:08

Tgt Ion:	212	Resp:	23
Ion Ratio	Lower	Upper	
212	100		
106	13.0	12.2	18.2
104	0.0	7.0	10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027766.D

Acq: 20 Sep 2023 16:08

Instrument :

BNA_N

ClientSampleId :

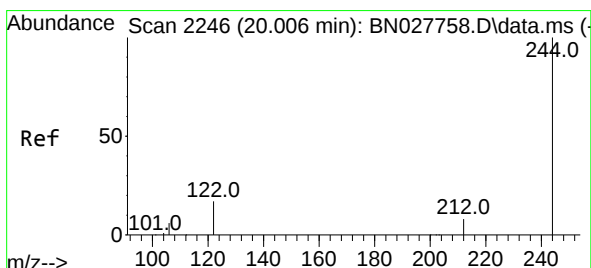
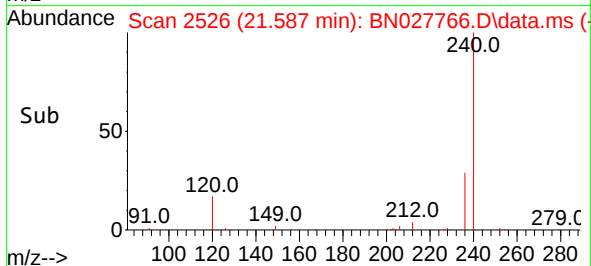
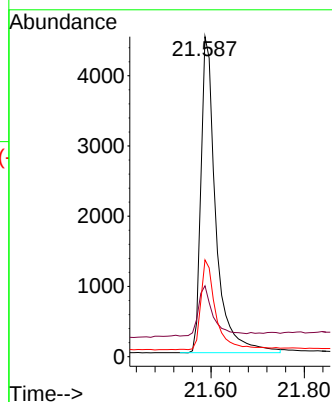
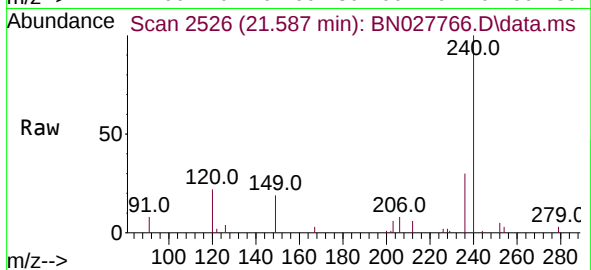
Tgt Ion:240 Resp: 10028

Ion Ratio Lower Upper

240 100

120 22.1 11.2 16.8#

236 30.3 22.8 34.2



#31

Terphenyl-d14

Concen: 2.476 ng

RT: 20.011 min Scan# 2247

Delta R.T. 0.005 min

Lab File: BN027766.D

Acq: 20 Sep 2023 16:08

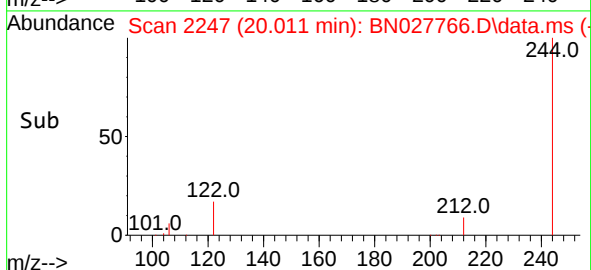
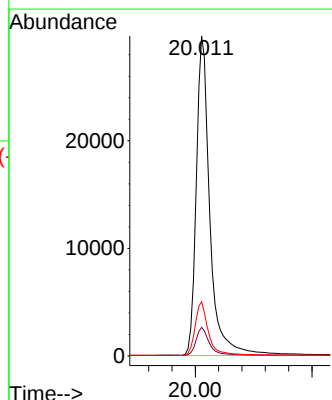
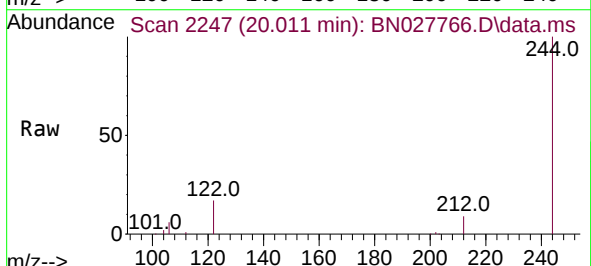
Tgt Ion:244 Resp: 47888

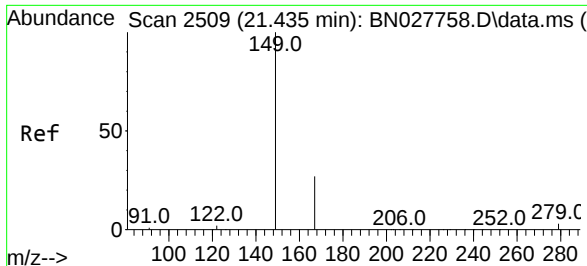
Ion Ratio Lower Upper

244 100

212 9.0 7.5 11.3

122 16.9 13.9 20.9

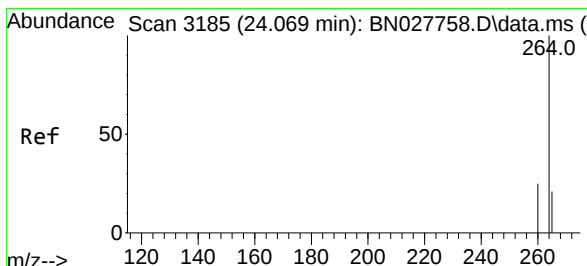
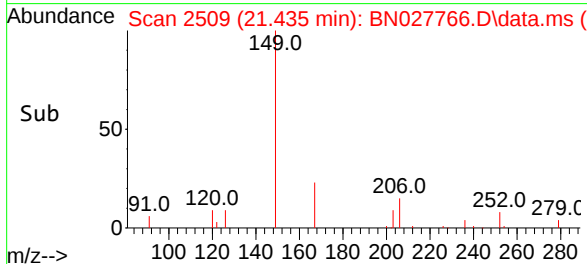
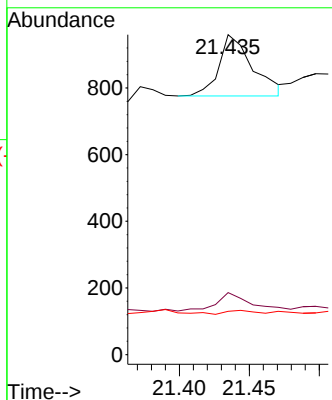
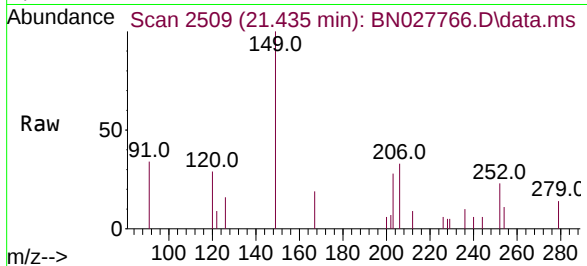




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.020 ng
 RT: 21.435 min Scan# 21435
 Delta R.T. -0.000 min
 Lab File: BN027766.D
 Acq: 20 Sep 2023 16:08

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 309
 Ion Ratio Lower Upper
 149 100
 167 32.7 21.4 32.2#
 279 5.5 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.089 min Scan# 3192
 Delta R.T. 0.020 min
 Lab File: BN027766.D
 Acq: 20 Sep 2023 16:08

Tgt Ion:264 Resp: 9354
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.0 31.6
 265 104.9 60.5 90.7#

