

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027596.D
 Acq On : 12 Sep 2023 04:59
 Operator : MA/JU
 Sample : 04266-02
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-04B-26.5-083123-FD

Quant Time: Sep 12 06:08:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

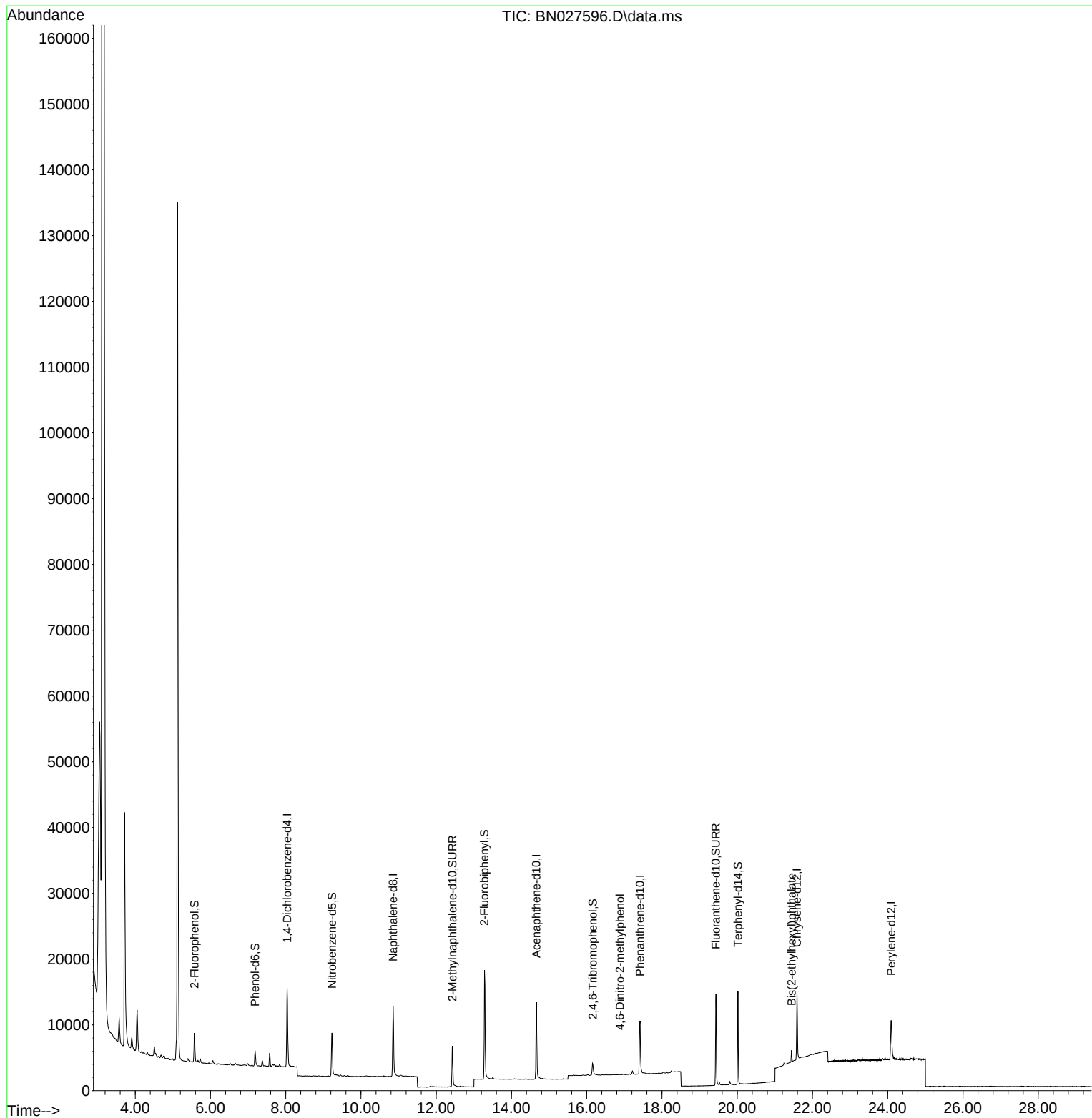
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6059	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	15814	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	7428	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	14309	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	10723	0.400	ng	0.00
35) Perylene-d12	24.092	264	10297	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	4081	0.258	ng	0.00
5) Phenol-d6	7.185	99	2616	0.136	ng	0.00
8) Nitrobenzene-d5	9.230	82	6307	0.547	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	9134	0.393	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	1368	0.498	ng	0.01
15) 2-Fluorobiphenyl	13.283	172	16372	0.580	ng	-0.01
27) Fluoranthene-d10	19.435	212	16504	0.464	ng	0.00
31) Terphenyl-d14	20.020	244	14256	0.662	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.884	198	7	0.034	ng	# 53
34) Bis(2-ethylhexyl)phtha...	21.444	149	1551	0.087	ng	# 98

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

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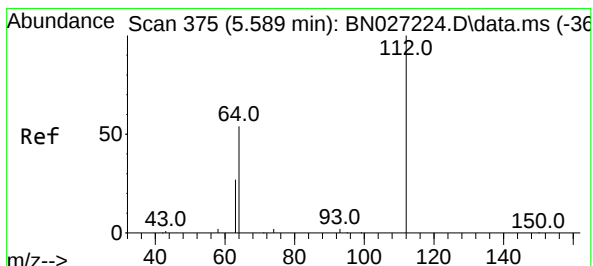
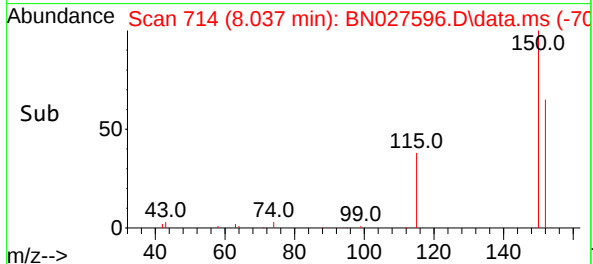
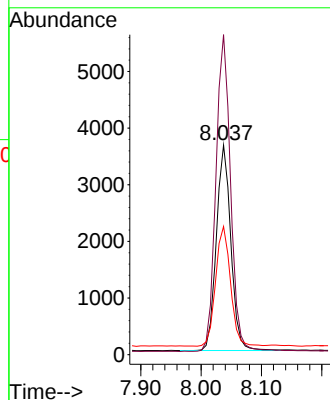
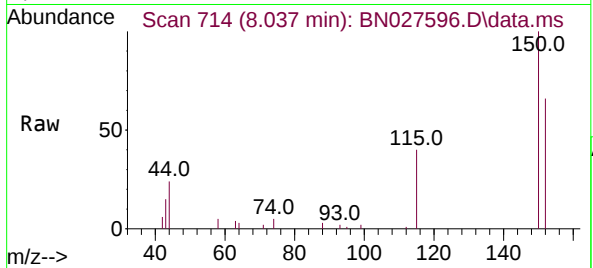




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.037 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN027596.D
Acq: 12 Sep 2023 04:59

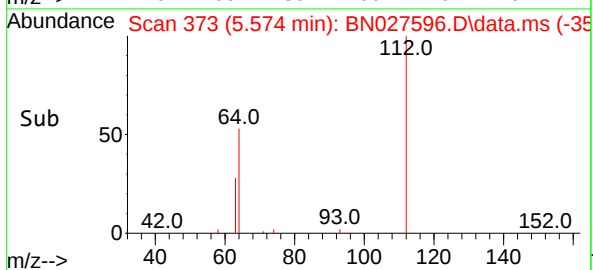
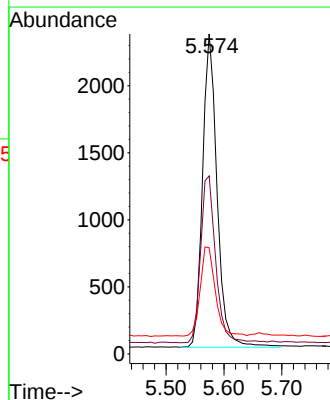
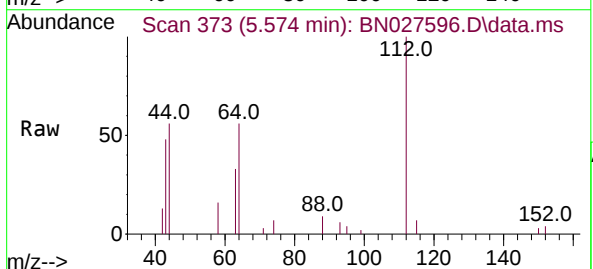
Instrument :
BNA_N
ClientSampleId :
OW-04B-26.5-083123-FD

Tgt Ion:152 Resp: 6059
Ion Ratio Lower Upper
152 100
150 152.6 122.7 184.1
115 61.1 48.6 73.0



#4
2-Fluorophenol
Concen: 0.258 ng
RT: 5.574 min Scan# 373
Delta R.T. -0.000 min
Lab File: BN027596.D
Acq: 12 Sep 2023 04:59

Tgt Ion:112 Resp: 4081
Ion Ratio Lower Upper
112 100
64 55.6 44.4 66.6
63 29.5 23.1 34.7

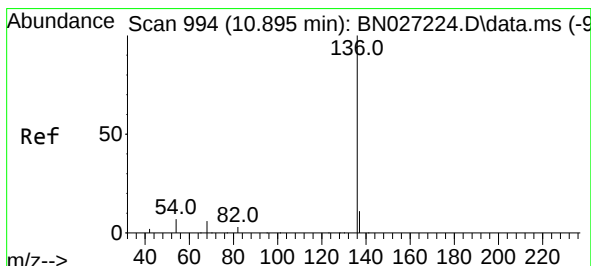
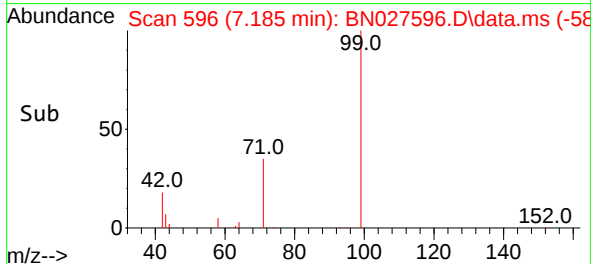
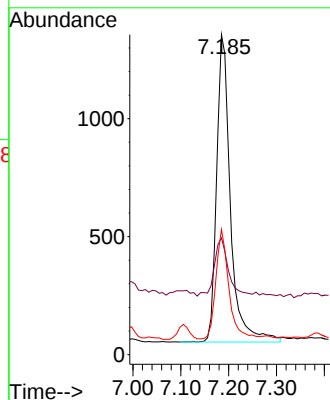
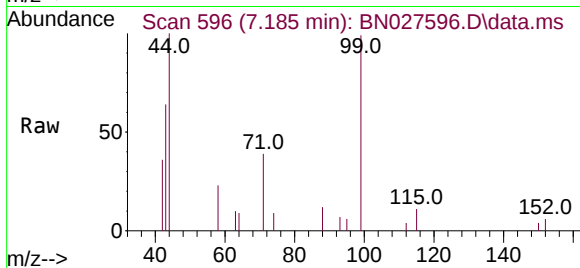




#5
Phenol-d6
Concen: 0.136 ng
RT: 7.185 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027596.D
Acq: 12 Sep 2023 04:59

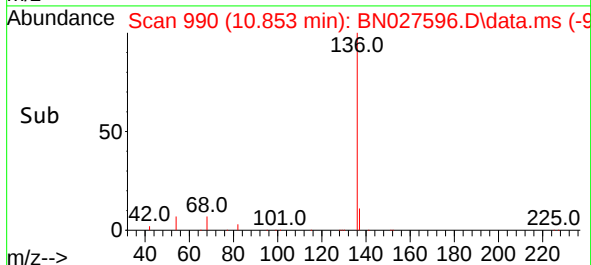
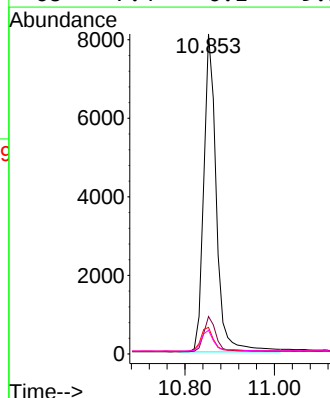
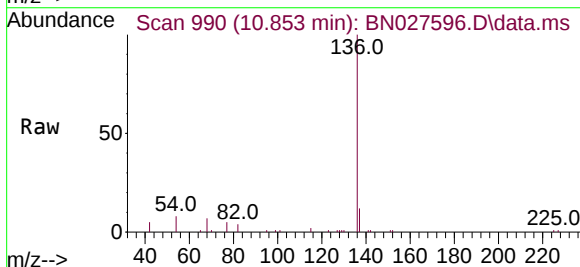
Instrument :
BNA_N
ClientSampleId :
OW-04B-26.5-083123-FD

Tgt Ion: 99	Resp: 2616
Ion Ratio	Lower Upper
99 100	
42 19.0	14.5 21.7
71 33.3	25.8 38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 990
Delta R.T. -0.000 min
Lab File: BN027596.D
Acq: 12 Sep 2023 04:59

Tgt Ion:136	Resp: 15814
Ion Ratio	Lower Upper
136 100	
137 11.7	9.3 13.9
54 8.3	6.7 10.1
68 7.4	6.1 9.1

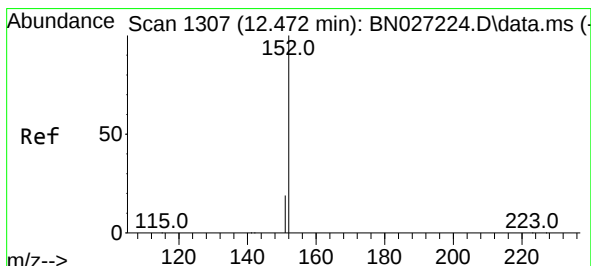
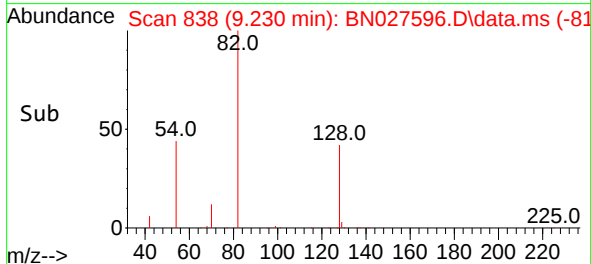
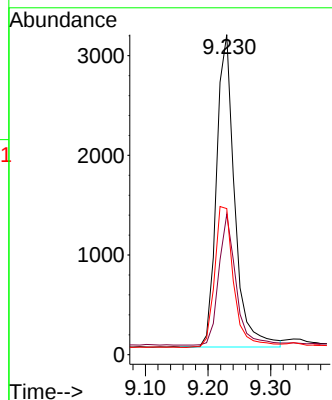
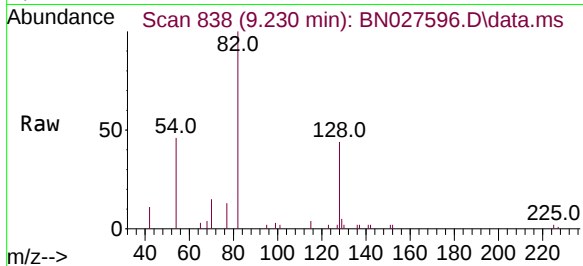




#8
Nitrobenzene-d5
Concen: 0.547 ng
RT: 9.230 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN027596.D
Acq: 12 Sep 2023 04:59

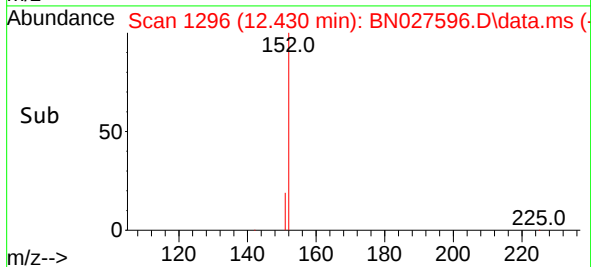
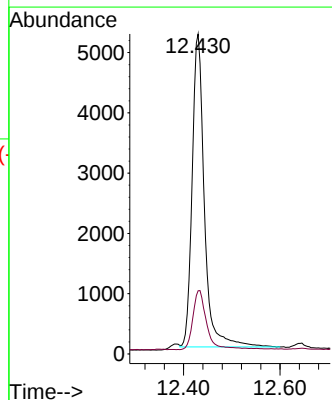
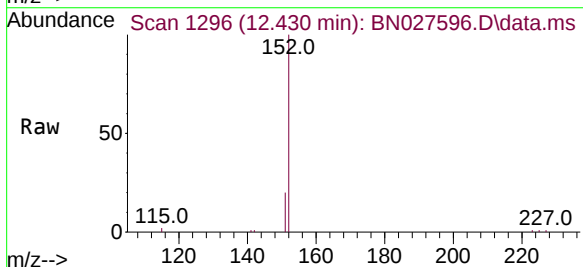
Instrument :
BNA_N
ClientSampleId :
OW-04B-26.5-083123-FD

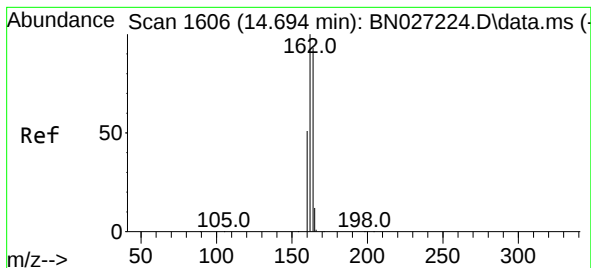
Tgt Ion: 82 Resp: 6307
Ion Ratio Lower Upper
82 100
128 43.9 33.4 50.0
54 45.7 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.430 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN027596.D
Acq: 12 Sep 2023 04:59

Tgt Ion: 152 Resp: 9134
Ion Ratio Lower Upper
152 100
151 21.4 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN027596.D

Acq: 12 Sep 2023 04:59

Instrument :

BNA_N

ClientSampleId :

OW-04B-26.5-083123-FD

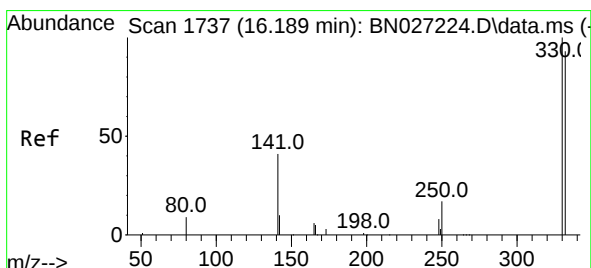
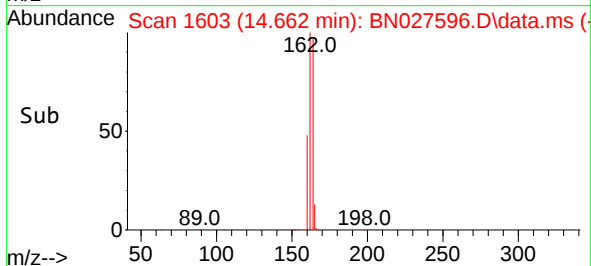
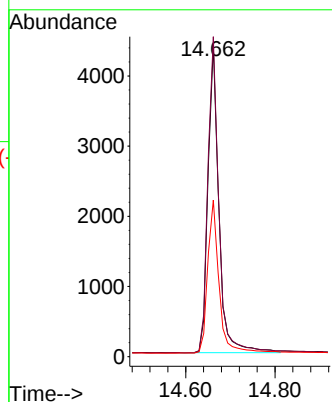
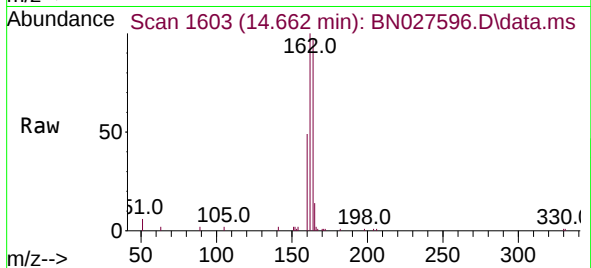
Tgt Ion:164 Resp: 7428

Ion Ratio Lower Upper

164 100

162 102.9 85.8 128.8

160 50.3 44.2 66.2



#14

2,4,6-Tribromophenol

Concen: 0.498 ng

RT: 16.164 min Scan# 1735

Delta R.T. 0.012 min

Lab File: BN027596.D

Acq: 12 Sep 2023 04:59

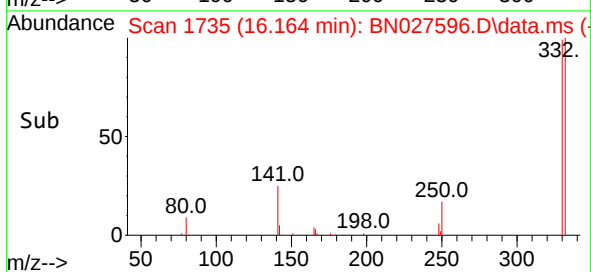
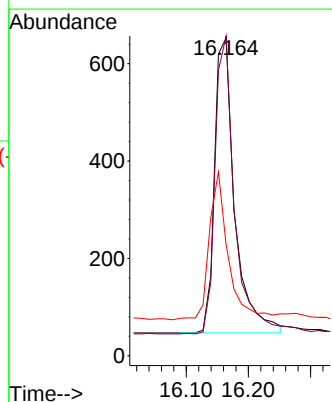
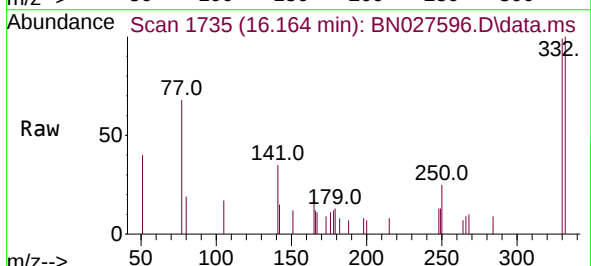
Tgt Ion:330 Resp: 1368

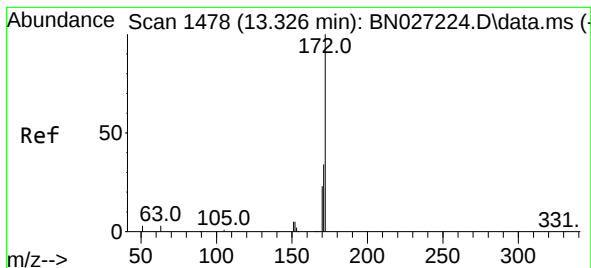
Ion Ratio Lower Upper

330 100

332 97.7 75.2 112.8

141 47.0 36.2 54.4





#15

2-Fluorobiphenyl

Concen: 0.580 ng

RT: 13.283 min Scan# 1478

Delta R.T. -0.011 min

Lab File: BN027596.D

Acq: 12 Sep 2023 04:59

Instrument :

BNA_N

ClientSampleId :

OW-04B-26.5-083123-FD

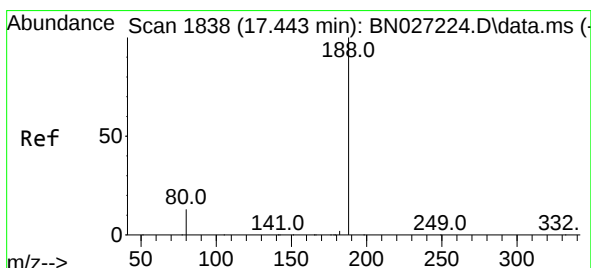
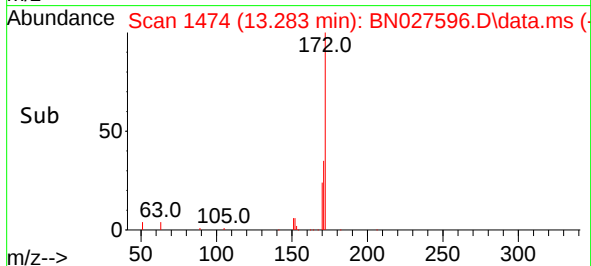
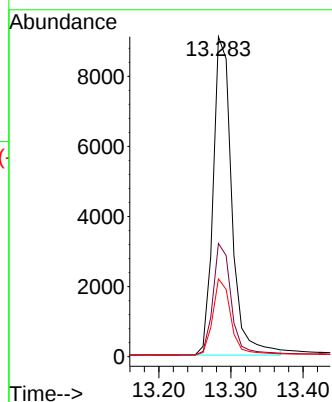
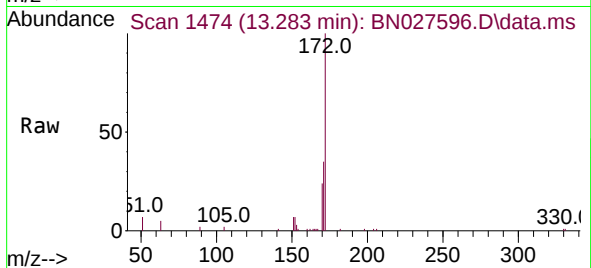
Tgt Ion:172 Resp: 16372

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

170 24.3 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.418 min Scan# 1836

Delta R.T. 0.012 min

Lab File: BN027596.D

Acq: 12 Sep 2023 04:59

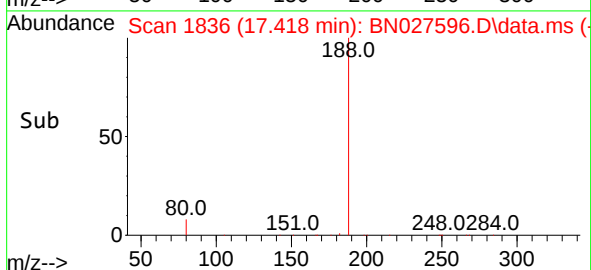
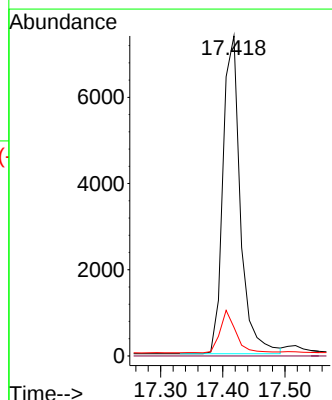
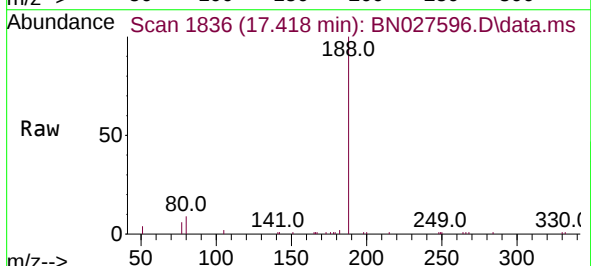
Tgt Ion:188 Resp: 14309

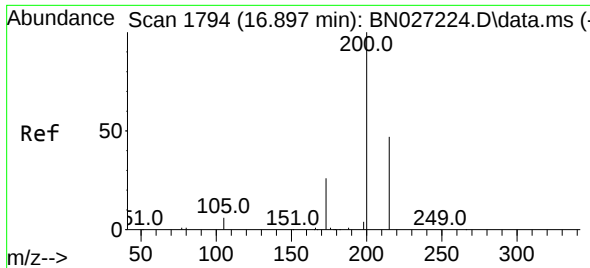
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 11.0 16.6#

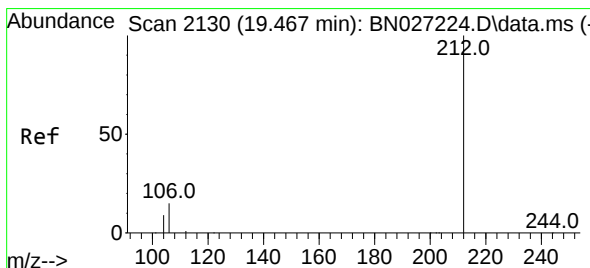
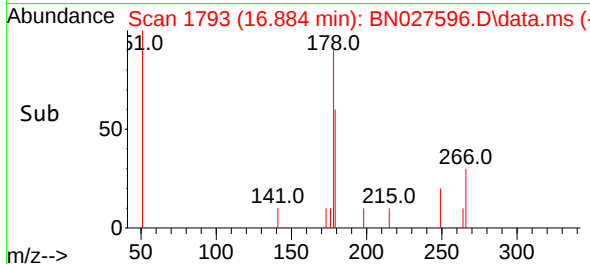
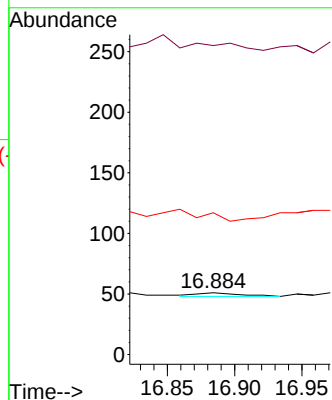
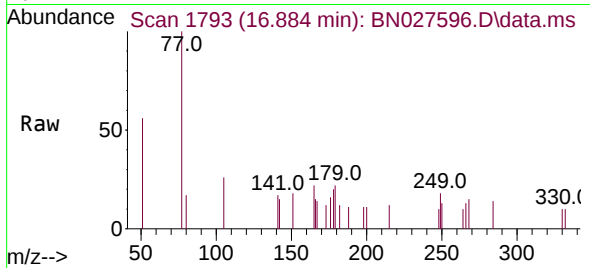




#20
4,6-Dinitro-2-methylphenol
Concen: 0.034 ng
RT: 16.884 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN027596.D
Acq: 12 Sep 2023 04:59

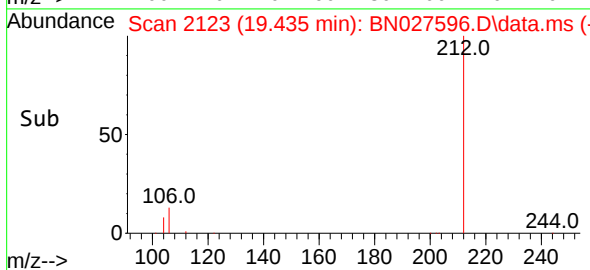
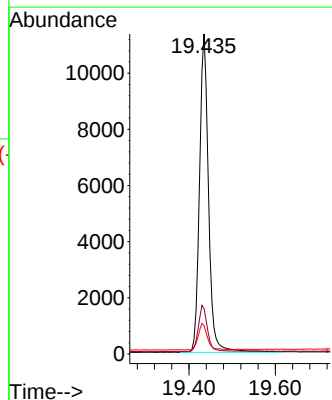
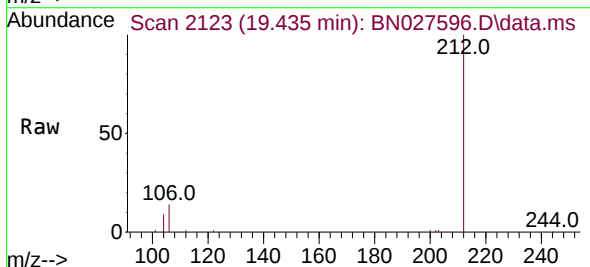
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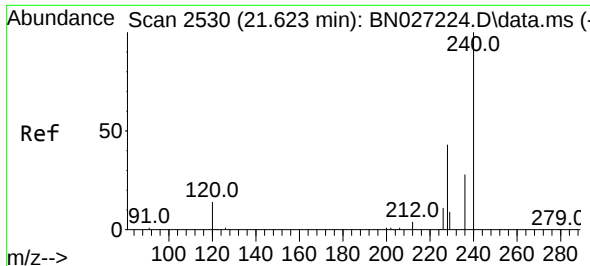
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 500.0 282.2 423.2#
105 229.4 168.7 253.1



#27
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.435 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN027596.D
Acq: 12 Sep 2023 04:59

Tgt Ion:212 Resp: 16504
Ion Ratio Lower Upper
212 100
106 14.5 12.1 18.1
104 8.4 6.9 10.3

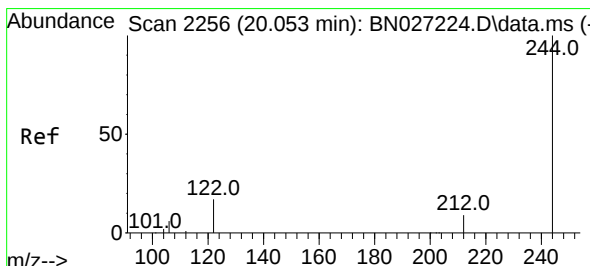
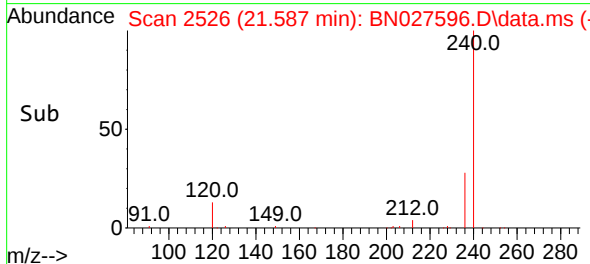
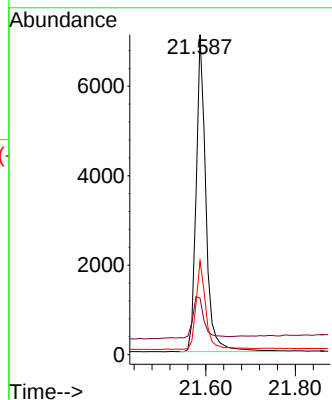
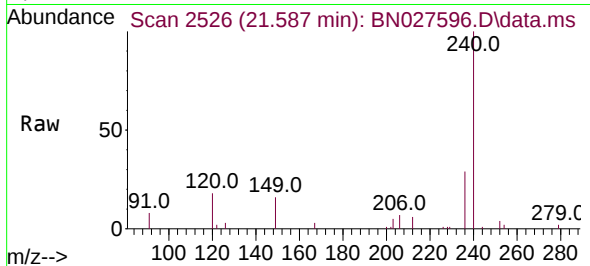




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027596.D
Acq: 12 Sep 2023 04:59

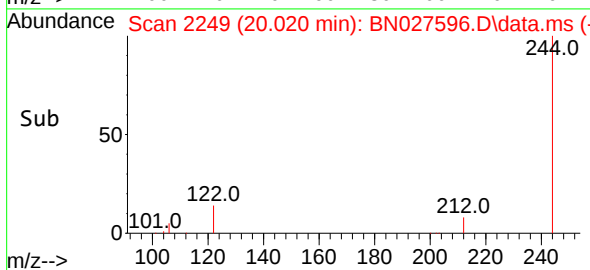
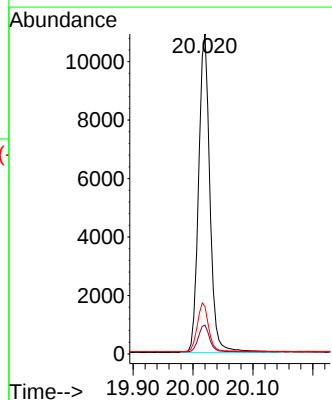
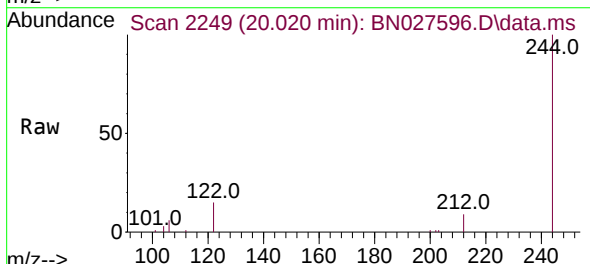
Instrument :
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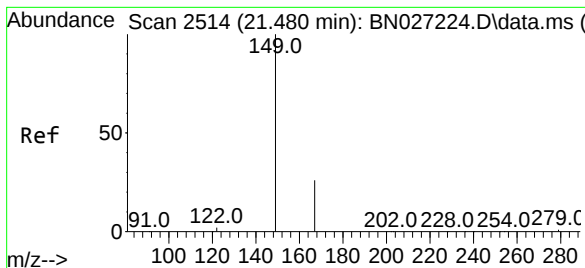
Tgt Ion:240 Resp: 10723
Ion Ratio Lower Upper
240 100
120 17.6 14.2 21.4
236 29.2 22.9 34.3



#31
Terphenyl-d14
Concen: 0.662 ng
RT: 20.020 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BN027596.D
Acq: 12 Sep 2023 04:59

Tgt Ion:244 Resp: 14256
Ion Ratio Lower Upper
244 100
212 9.0 7.5 11.3
122 14.8 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.087 ng

RT: 21.444 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027596.D

Acq: 12 Sep 2023 04:59

Instrument :

BNA_N

ClientSampleId :

OW-04B-26.5-083123-FD

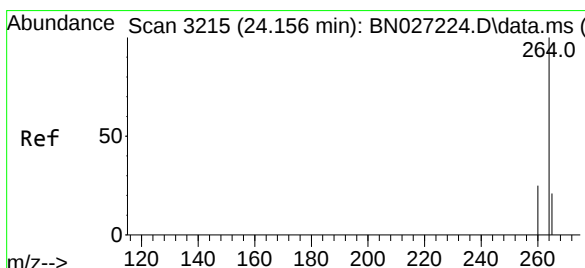
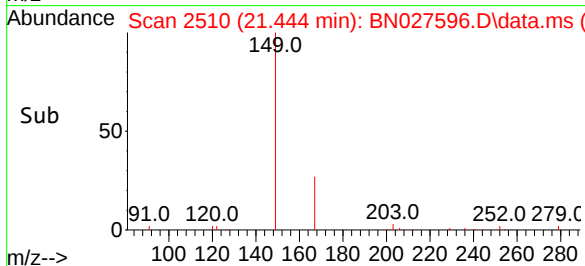
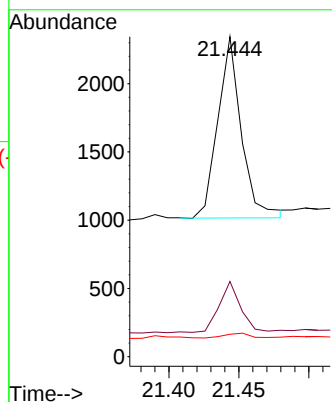
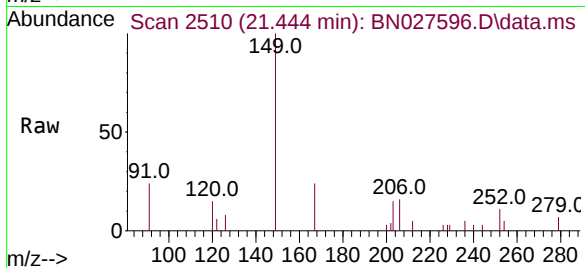
Tgt Ion:149 Resp: 1551

Ion Ratio Lower Upper

149 100

167 26.3 22.1 33.1

279 2.6 2.7 4.1#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.092 min Scan# 3193

Delta R.T. -0.003 min

Lab File: BN027596.D

Acq: 12 Sep 2023 04:59

Tgt Ion:264 Resp: 10297

Ion Ratio Lower Upper

264 100

260 26.4 20.7 31.1

265 88.4 53.3 79.9#

