

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
 Data File : BN027735.D
 Acq On : 18 Sep 2023 15:38
 Operator : MA/JU
 Sample : PB155597BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155597BL

Quant Time: Sep 18 17:48:32 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)

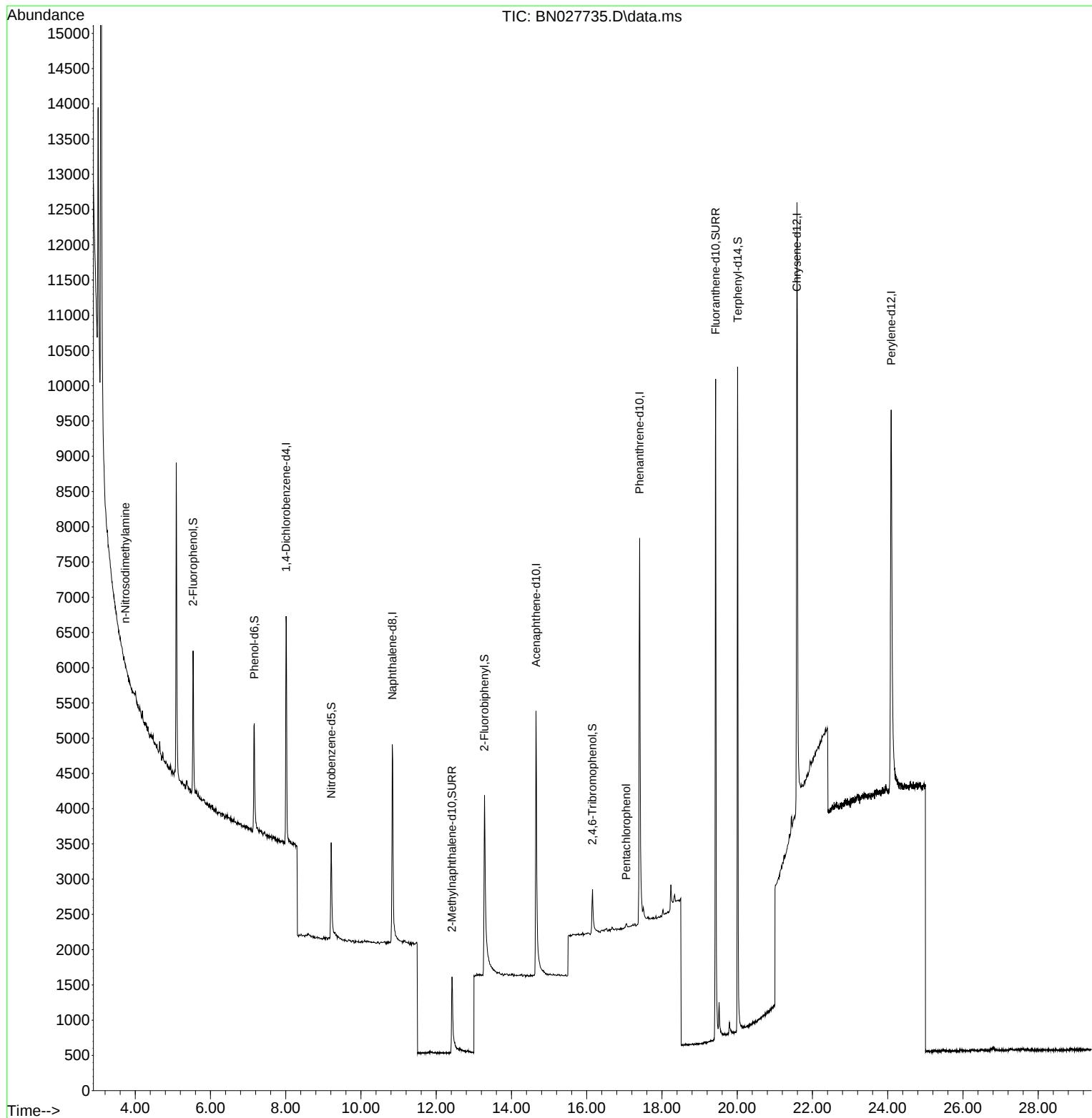
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	1744	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	4915	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	3211	0.400	ng	0.01
19) Phenanthrene-d10	17.406	188	10100	0.400	ng	0.01
29) Chrysene-d12	21.587	240	11534	0.400	ng	# 0.00
35) Perylene-d12	24.092	264	11300	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.538	112	1800	0.394	ng	0.00
5) Phenol-d6	7.163	99	1940	0.347	ng	0.00
8) Nitrobenzene-d5	9.208	82	1627	0.408	ng	0.00
11) 2-Methylnaphthalene-d10	12.419	152	2636	0.364	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	469	0.313	ng	0.01
15) 2-Fluorobiphenyl	13.283	172	3959	0.362	ng	0.01
27) Fluoranthene-d10	19.425	212	11966	0.424	ng	0.00
31) Terphenyl-d14	20.011	244	10249	0.473	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.740	42	75	0.030	ng	# 1
24) Pentachlorophenol	17.046	266	77	0.027	ng	# 77

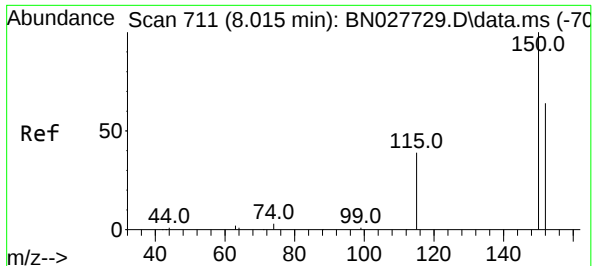
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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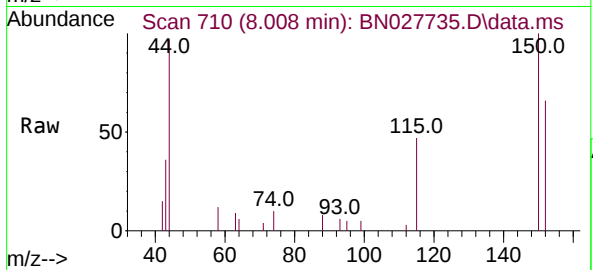
Quant Time: Sep 18 17:48:32 2023
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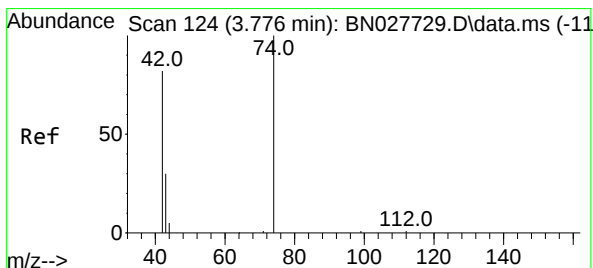
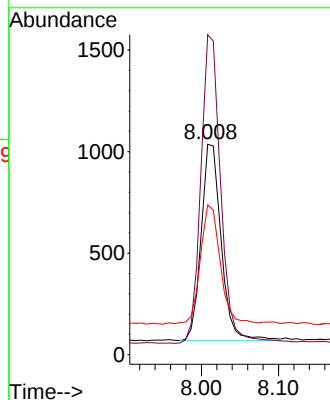
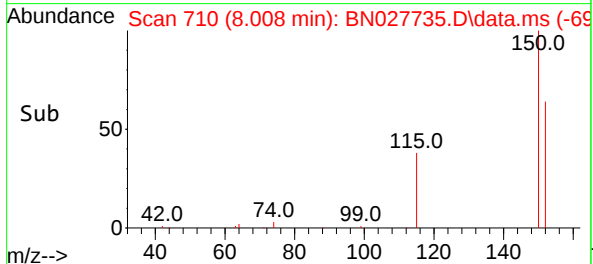


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.008 min Scan# 711
Delta R.T. -0.007 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

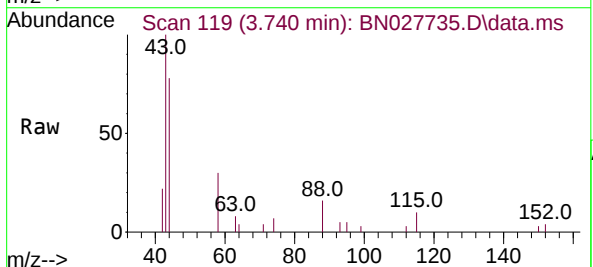
Instrument :
BNA_N
ClientSampleId :
PB155597BL



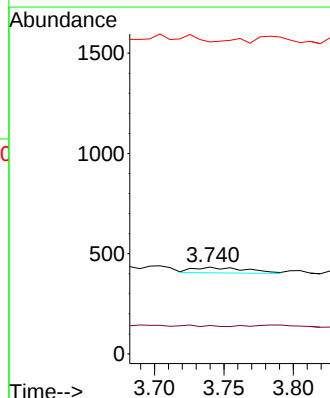
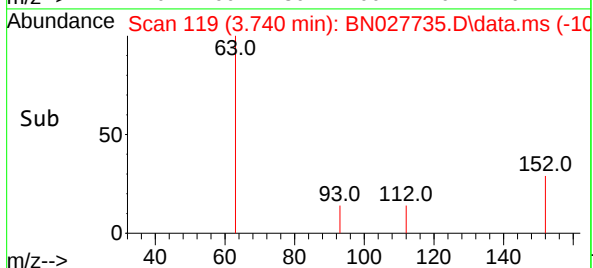
Tgt Ion:152 Resp: 1744
Ion Ratio Lower Upper
152 100
150 152.1 119.2 178.8
115 71.2 53.8 80.8

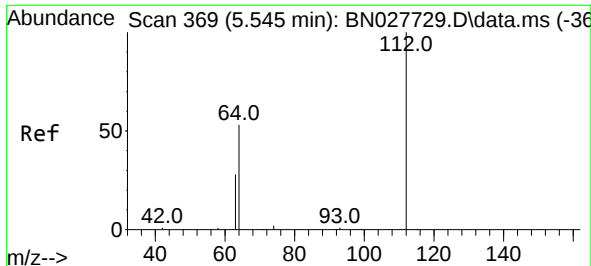


#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.740 min Scan# 119
Delta R.T. -0.029 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38



Tgt Ion: 42 Resp: 75
Ion Ratio Lower Upper
42 100
74 0.0 105.8 158.8#
44 0.0 5.0 7.4#

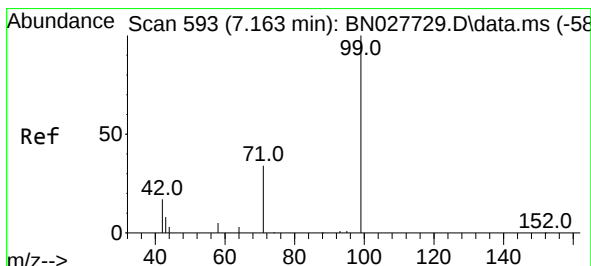
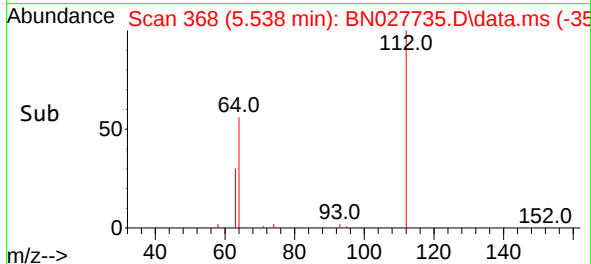
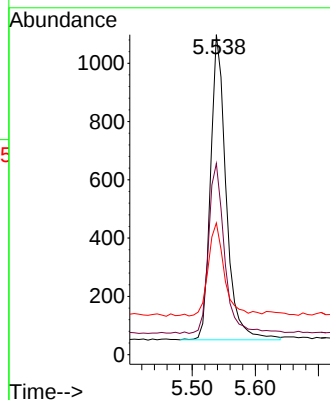
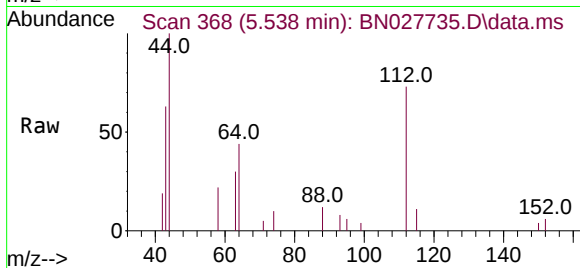




#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.538 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

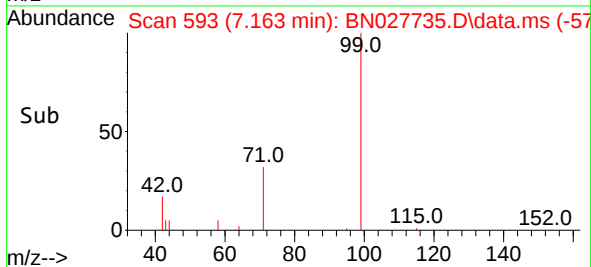
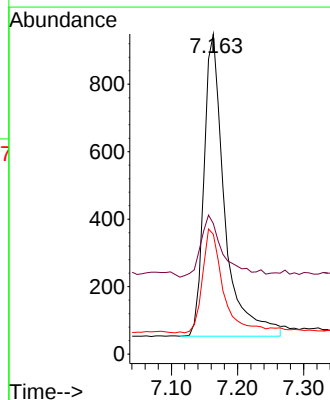
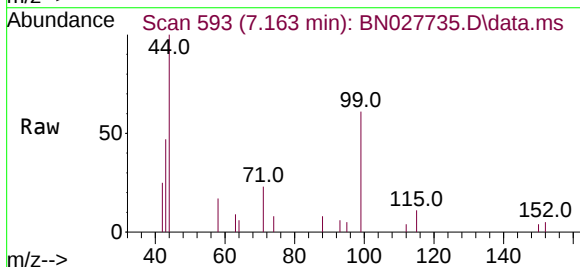
Instrument :
BNA_N
ClientSampleId :
PB155597BL

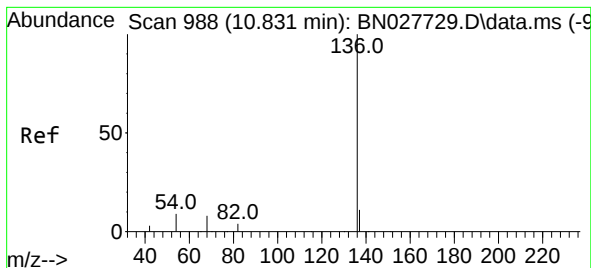
Tgt Ion:112 Resp: 1800
Ion Ratio Lower Upper
112 100
64 57.4 45.0 67.6
63 31.7 24.1 36.1



#5
Phenol-d6
Concen: 0.347 ng
RT: 7.163 min Scan# 593
Delta R.T. 0.007 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

Tgt Ion: 99 Resp: 1940
Ion Ratio Lower Upper
99 100
42 22.8 15.8 23.8
71 34.3 27.3 40.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.831 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN027735.D

Acq: 18 Sep 2023 15:38

Instrument :

BNA_N

ClientSampleId :

PB155597BL

Tgt Ion:136 Resp: 4915

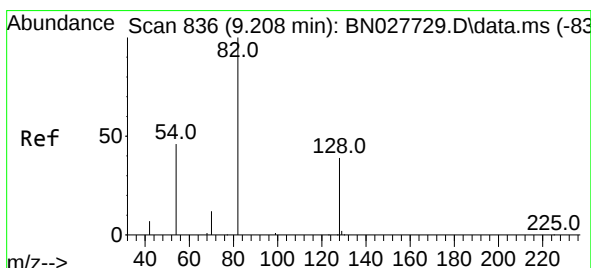
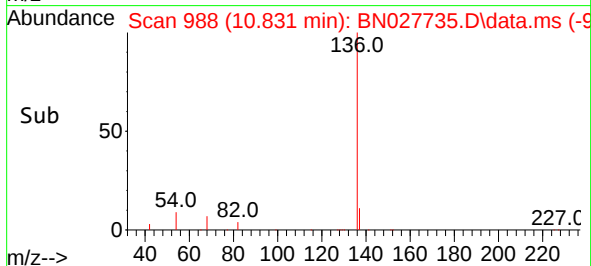
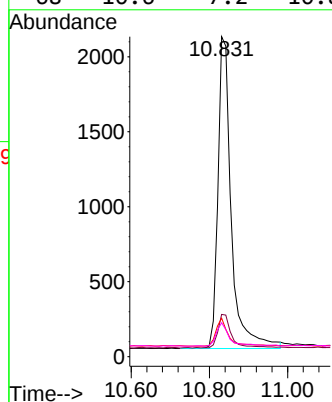
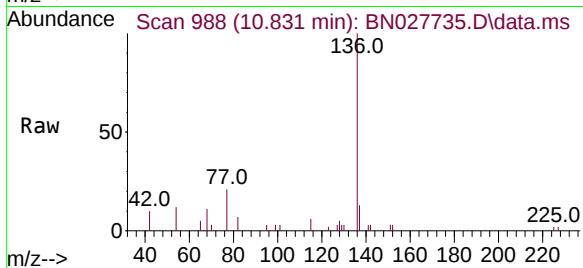
Ion Ratio Lower Upper

136 100

137 13.2 9.8 14.8

54 12.0 7.8 11.6#

68 10.6 7.2 10.8



#8

Nitrobenzene-d5

Concen: 0.408 ng

RT: 9.208 min Scan# 836

Delta R.T. 0.000 min

Lab File: BN027735.D

Acq: 18 Sep 2023 15:38

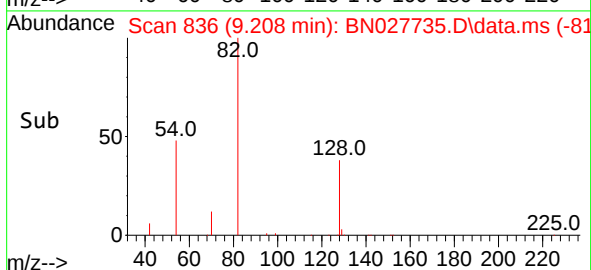
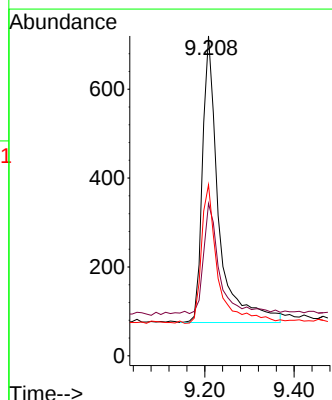
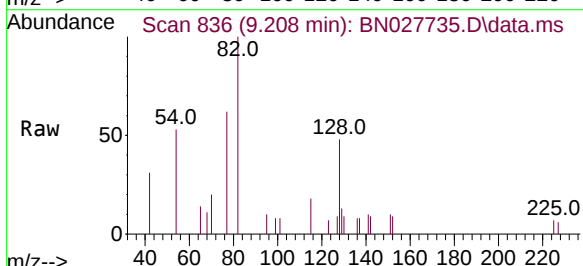
Tgt Ion: 82 Resp: 1627

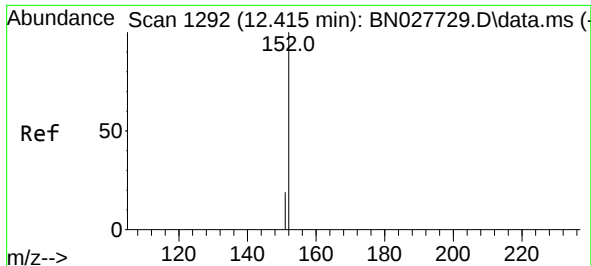
Ion Ratio Lower Upper

82 100

128 47.6 35.1 52.7

54 53.5 35.1 52.7#

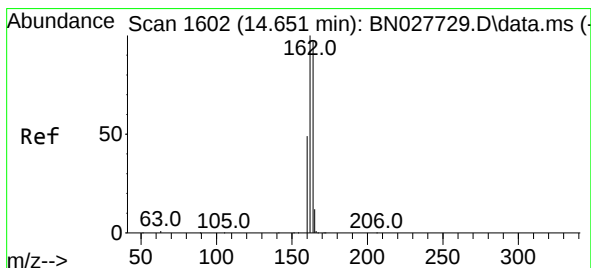
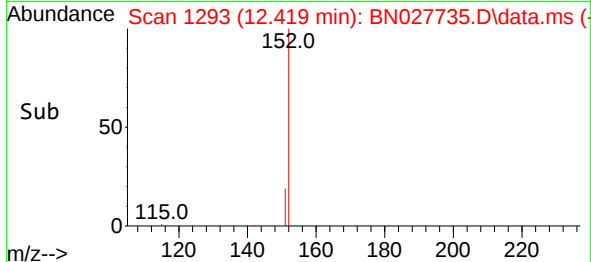
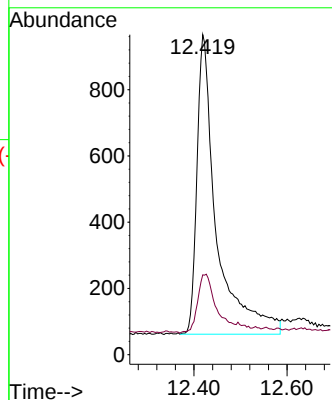
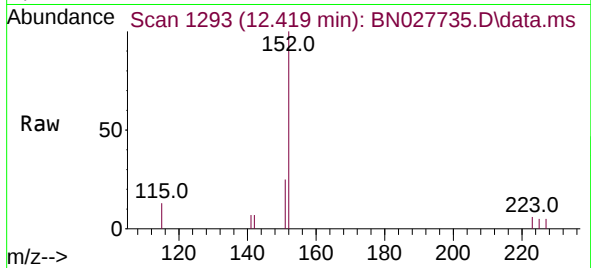




#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.419 min Scan# 1292
Delta R.T. 0.008 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

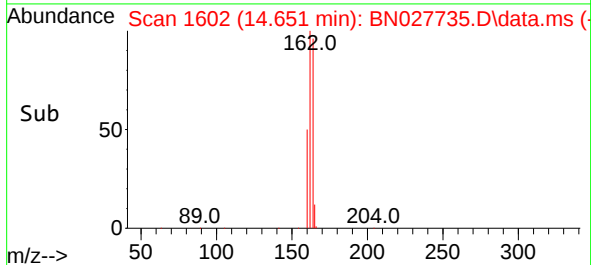
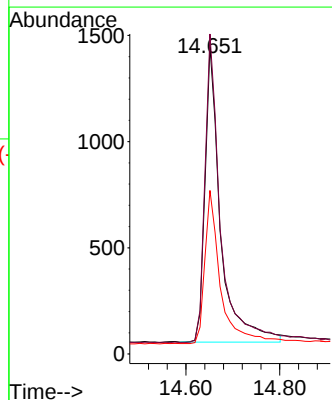
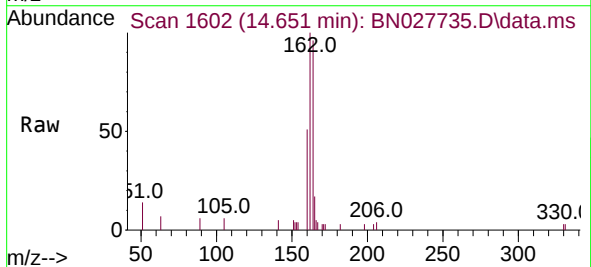
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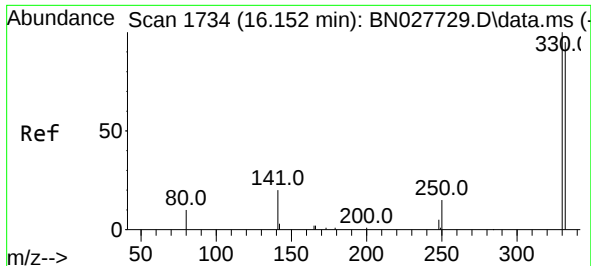
Tgt Ion:152 Resp: 2636
Ion Ratio Lower Upper
152 100
151 18.9 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1602
Delta R.T. 0.011 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

Tgt Ion:164 Resp: 3211
Ion Ratio Lower Upper
164 100
162 104.0 83.4 125.2
160 53.1 41.0 61.4

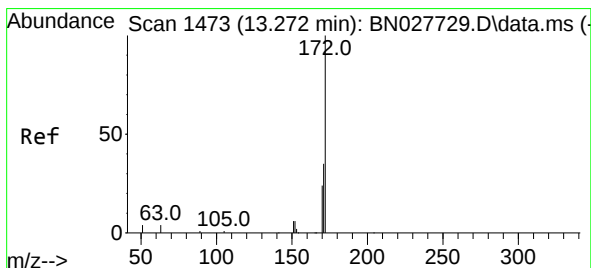
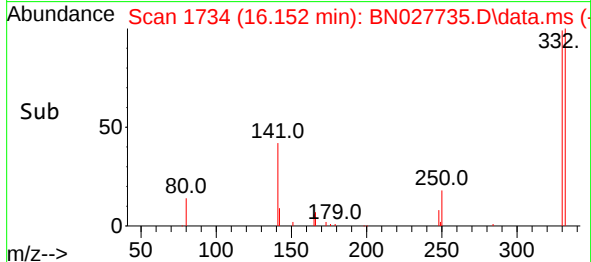
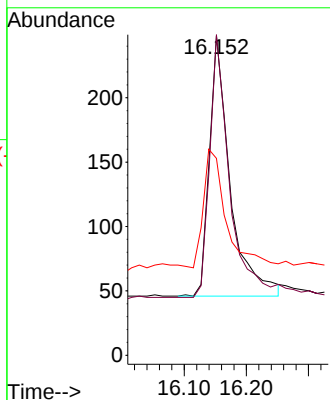
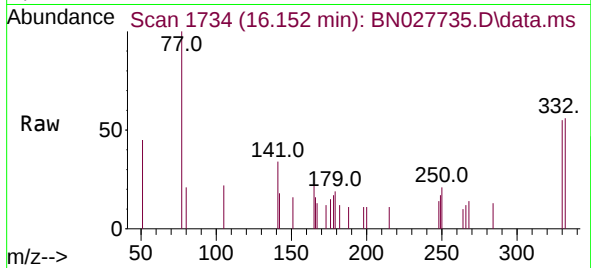




#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

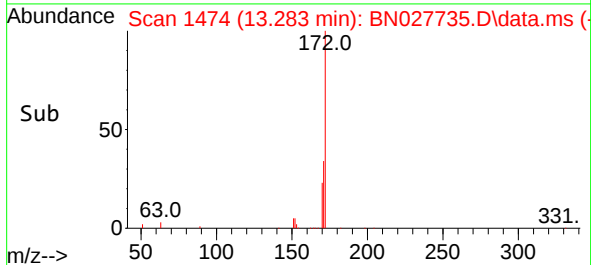
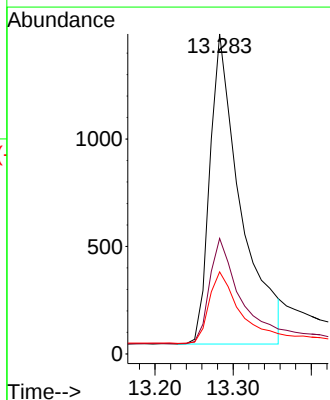
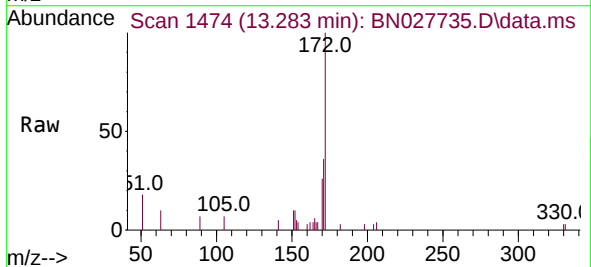
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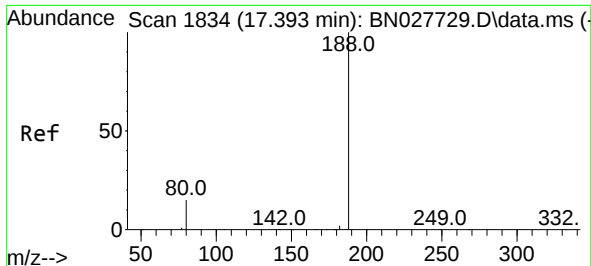
Tgt Ion: 330 Resp: 469
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 48.2 38.2 57.2



#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.283 min Scan# 1474
Delta R.T. 0.011 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

Tgt Ion: 172 Resp: 3959
Ion Ratio Lower Upper
172 100
171 36.1 27.6 41.4
170 25.7 18.7 28.1

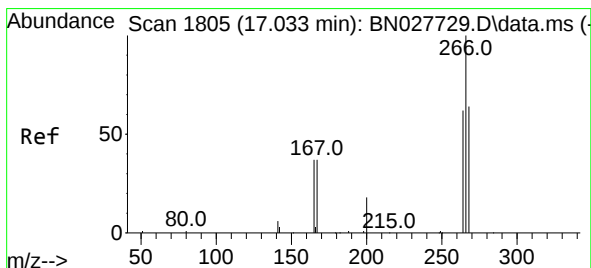
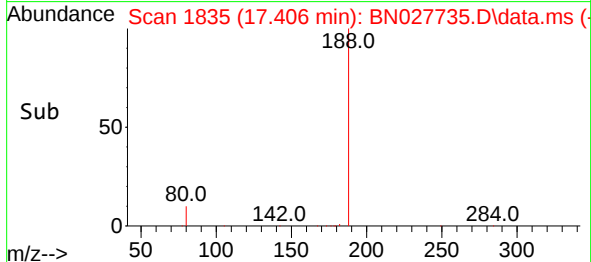
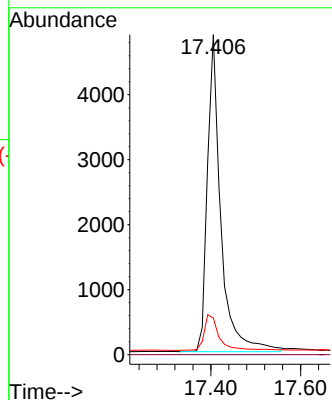
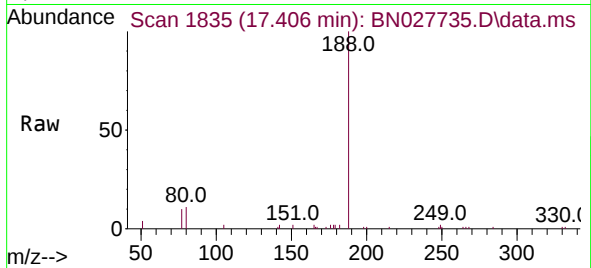




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1835
Delta R.T. 0.012 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

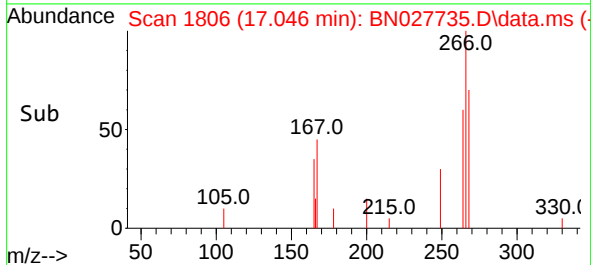
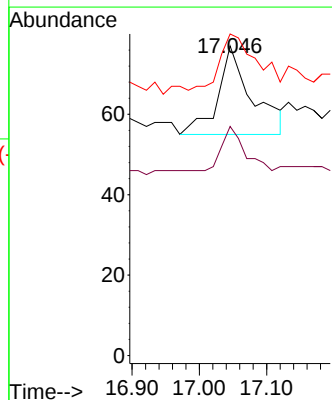
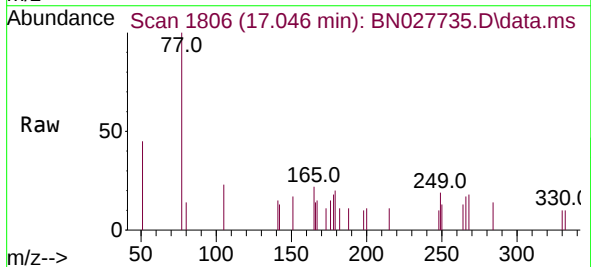
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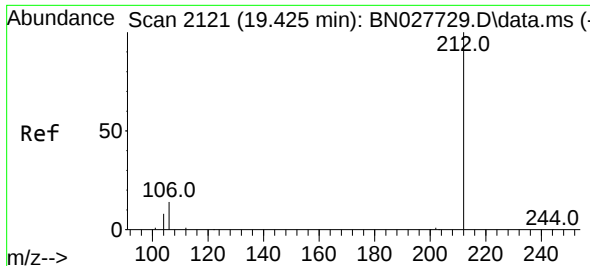
Tgt Ion:188 Resp: 10100
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 9.5 14.3



#24
Pentachlorophenol
Concen: 0.027 ng
RT: 17.046 min Scan# 1806
Delta R.T. 0.025 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

Tgt Ion:266 Resp: 77
Ion Ratio Lower Upper
266 100
264 32.5 50.0 75.0#
268 68.8 50.7 76.1

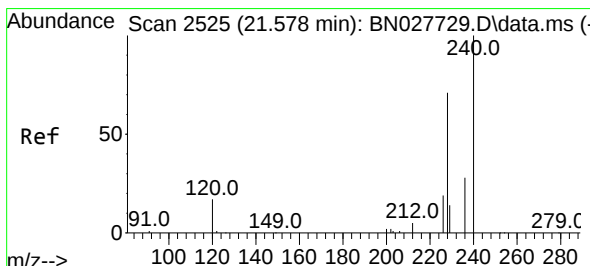
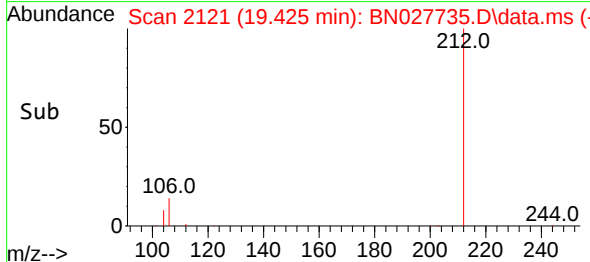
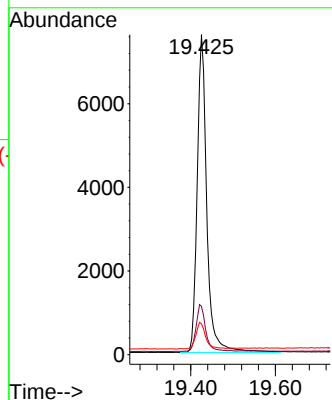
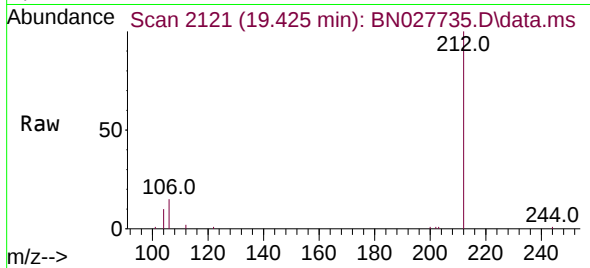




#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 19.425 min Scan# 2121
Delta R.T. 0.005 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

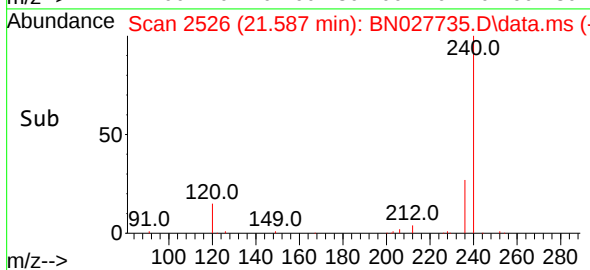
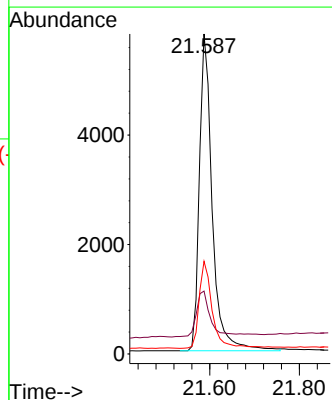
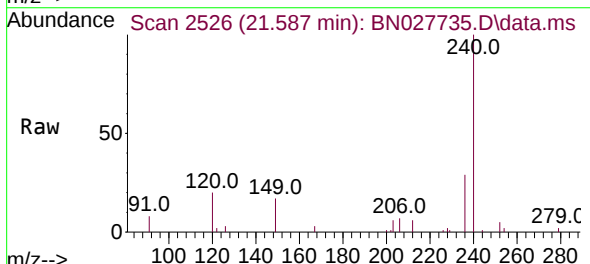
Instrument :
BNA_N
ClientSampleId :
PB155597BL

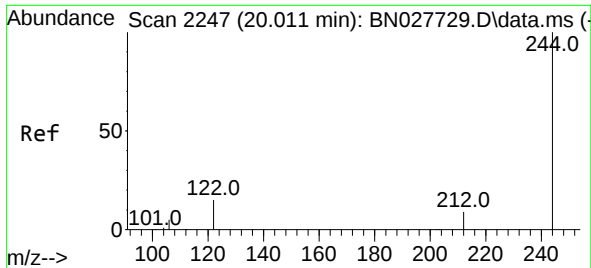
Tgt Ion:212 Resp: 11966
Ion Ratio Lower Upper
212 100
106 14.9 11.9 17.9
104 8.2 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.009 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

Tgt Ion:240 Resp: 11534
Ion Ratio Lower Upper
240 100
120 19.7 10.7 16.1#
236 28.9 22.4 33.6

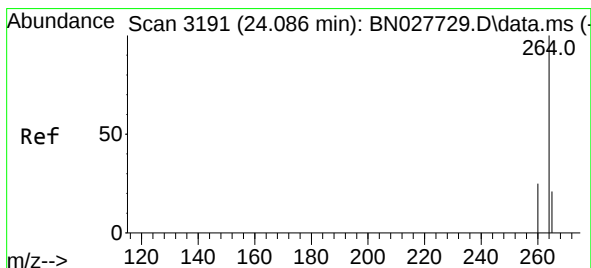
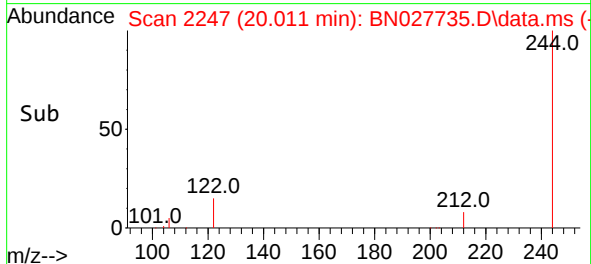
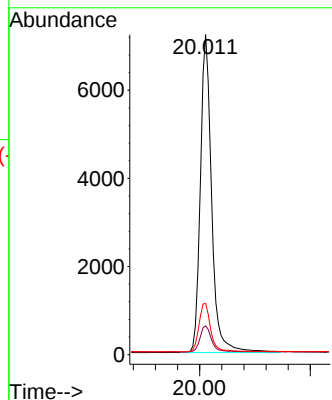
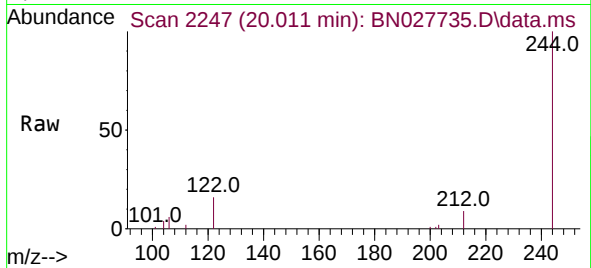




#31
Terphenyl-d14
Concen: 0.473 ng
RT: 20.011 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

Instrument :
BNA_N
ClientSampleId :
PB155597BL

Tgt Ion:244 Resp: 10249
Ion Ratio Lower Upper
244 100
212 9.0 7.0 10.4
122 16.0 12.7 19.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.092 min Scan# 3193
Delta R.T. 0.021 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

Tgt Ion:264 Resp: 11300
Ion Ratio Lower Upper
264 100
260 26.0 20.9 31.3
265 88.2 56.6 85.0#

