

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
 Data File : BN027771.D
 Acq On : 20 Sep 2023 19:49
 Operator : MA/JU
 Sample : PB155446BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155446BL

Quant Time: Sep 21 04:22:52 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 Sep 20 13:45:42 2023
 Response via : Initial Calibration

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

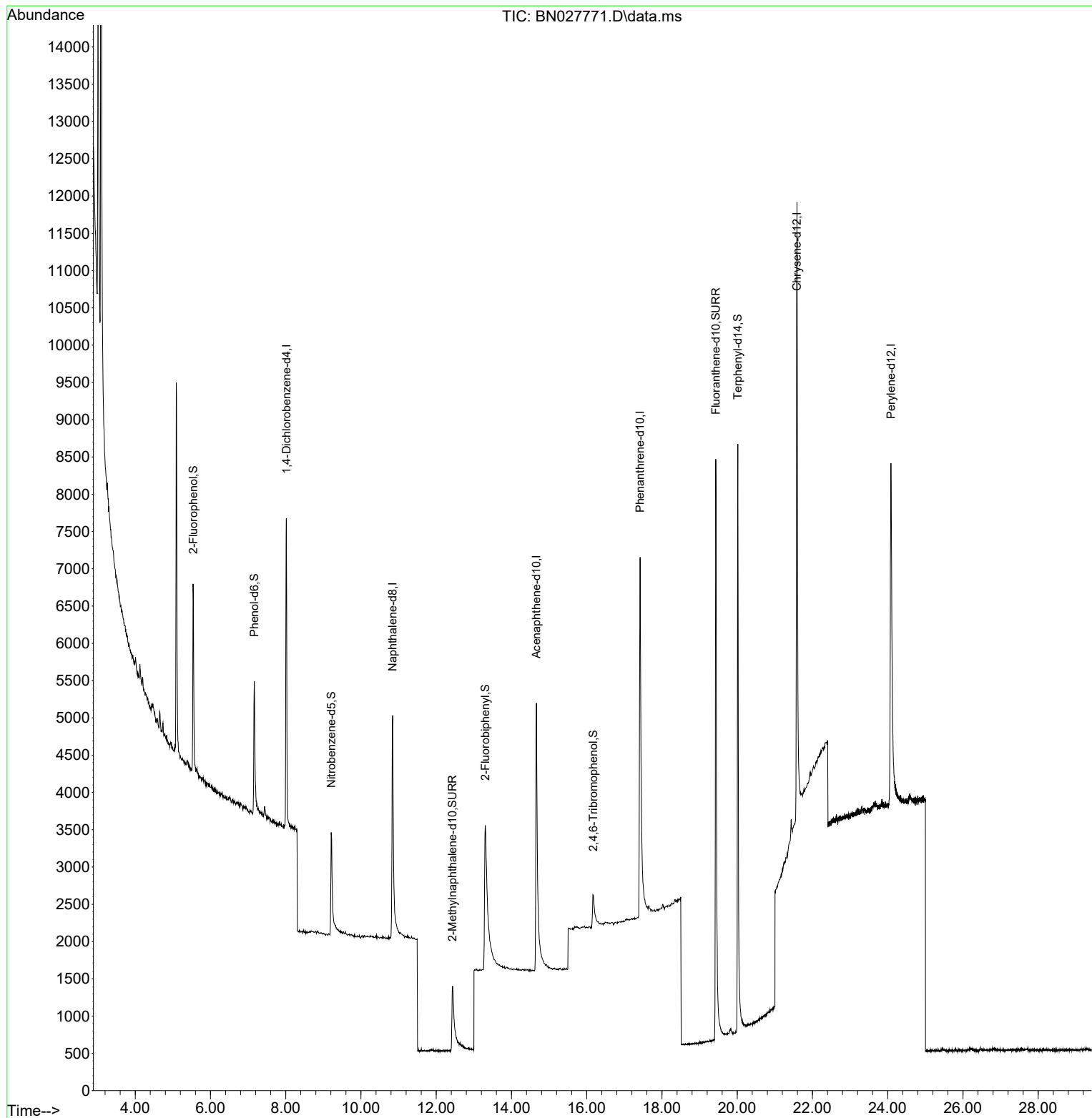
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	2323	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	6532	0.400	ng	0.01
13) Acenaphthene-d10	14.662	164	4121	0.400	ng	0.02
19) Phenanthrene-d10	17.418	188	12463	0.400	ng	0.02
29) Chrysene-d12	21.587	240	11890	0.400	ng	# 0.00
35) Perylene-d12	24.086	264	10358	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.545	112	2316	0.394	ng	0.00
5) Phenol-d6	7.163	99	2470	0.336	ng	0.00
8) Nitrobenzene-d5	9.208	82	2060	0.398	ng	0.00
11) 2-Methylnaphthalene-d10	12.434	152	3449	0.362	ng	0.02
14) 2,4,6-Tribromophenol	16.177	330	504	0.288	ng	0.04
15) 2-Fluorobiphenyl	13.304	172	4569	0.328	ng	0.03
27) Fluoranthene-d10	19.430	212	13378	0.413	ng	0.00
31) Terphenyl-d14	20.015	244	10848	0.473	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	17.058	266	25	Below Cal	#	63

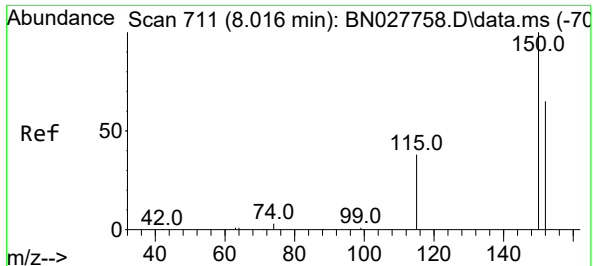
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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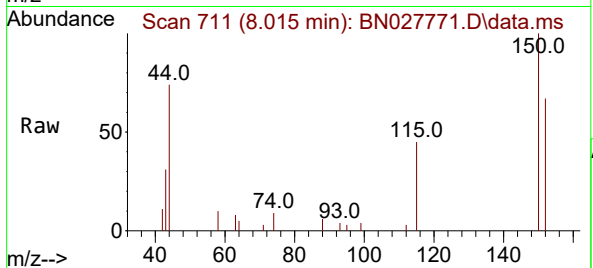
Quant Time: Sep 21 04:22:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
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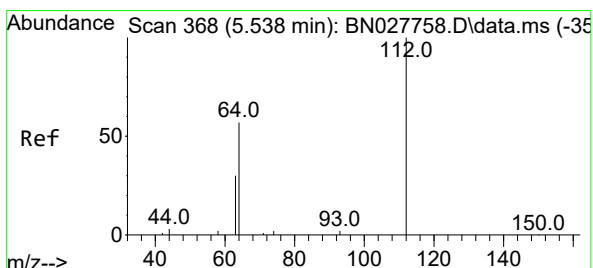
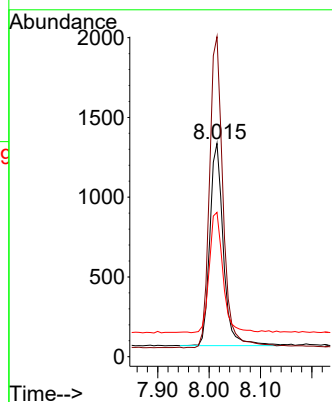
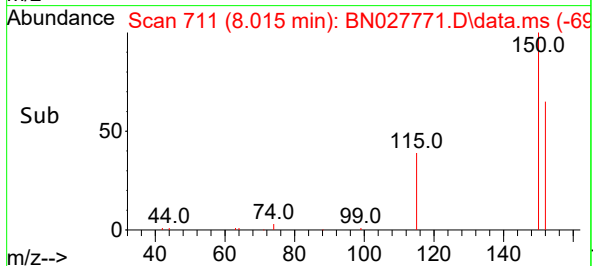


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.015 min Scan# 711
Delta R.T. -0.001 min
Lab File: BN027771.D
Acq: 20 Sep 2023 19:49

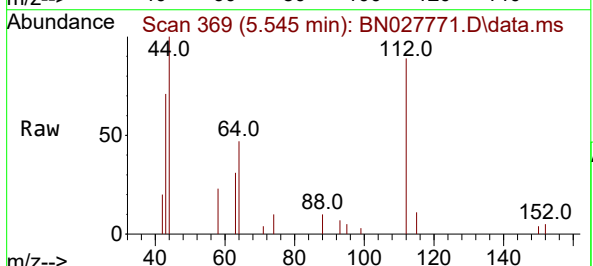
Instrument :
BNA_N
ClientSampleId :
PB155446BL



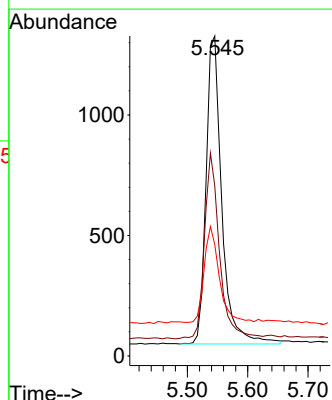
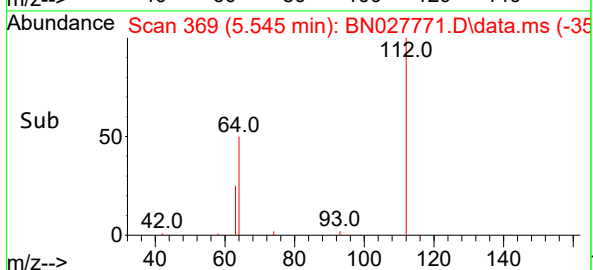
Tgt Ion:152 Resp: 2323
Ion Ratio Lower Upper
152 100
150 150.0 120.2 180.2
115 67.7 54.5 81.7

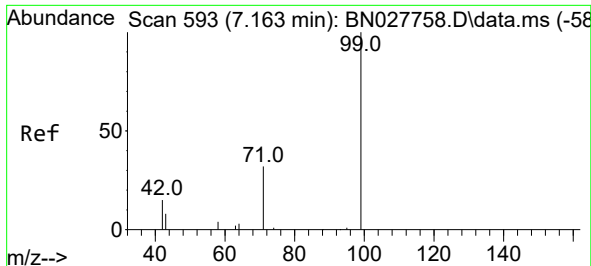


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.545 min Scan# 369
Delta R.T. 0.007 min
Lab File: BN027771.D
Acq: 20 Sep 2023 19:49



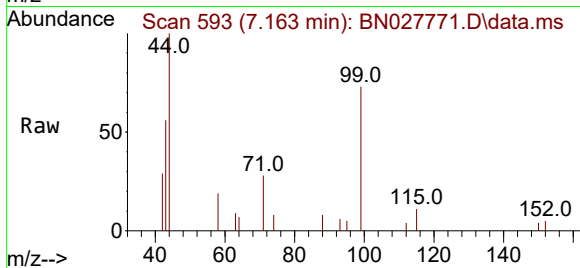
Tgt Ion:112 Resp: 2316
Ion Ratio Lower Upper
112 100
64 58.1 46.1 69.1
63 29.9 24.0 36.0



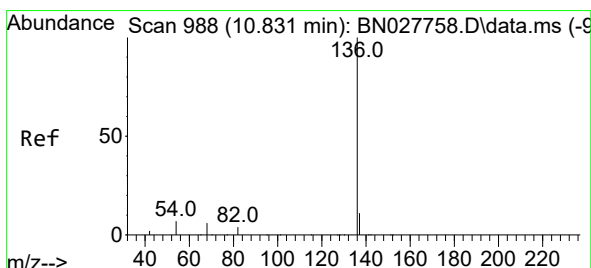
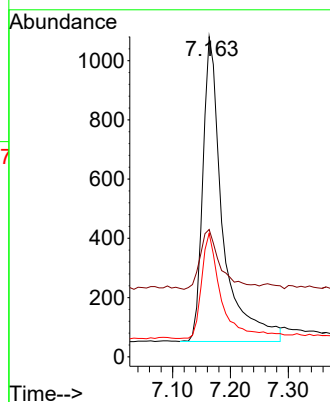
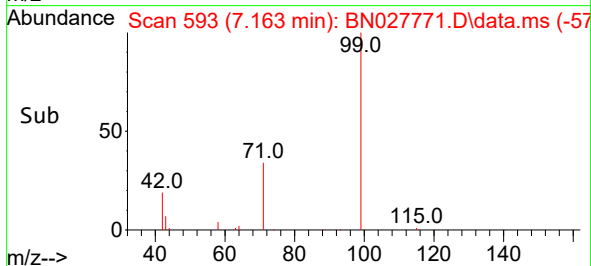


#5
Phenol-d6
Concen: 0.336 ng
RT: 7.163 min Scan# 593
Delta R.T. -0.000 min
Lab File: BN027771.D
Acq: 20 Sep 2023 19:49

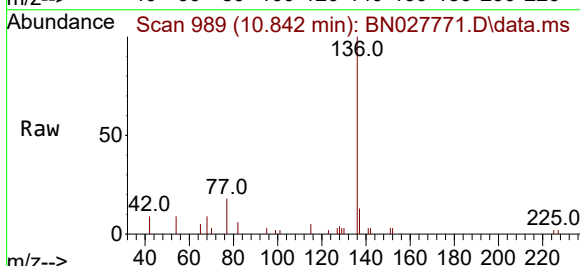
Instrument :
BNA_N
ClientSampleId :
PB155446BL



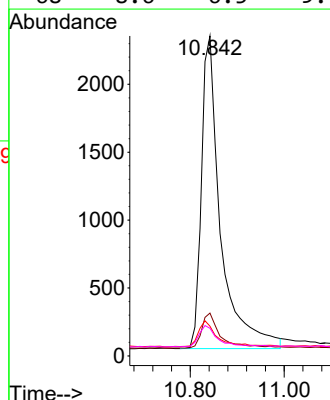
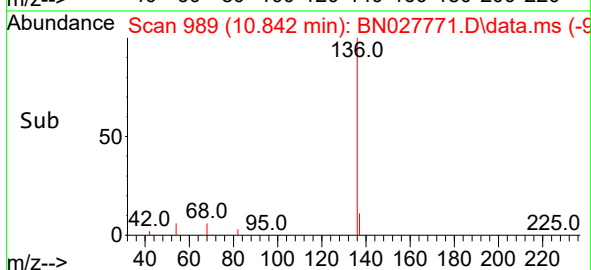
Tgt Ion:	99	Resp:	2470
Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.6	25.0
71	33.9	28.1	42.1

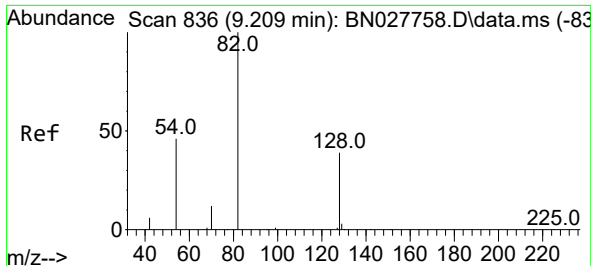


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.842 min Scan# 989
Delta R.T. 0.011 min
Lab File: BN027771.D
Acq: 20 Sep 2023 19:49



Tgt Ion:	136	Resp:	6532
Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.1	15.1
54	9.3	7.4	11.0
68	8.6	6.5	9.7

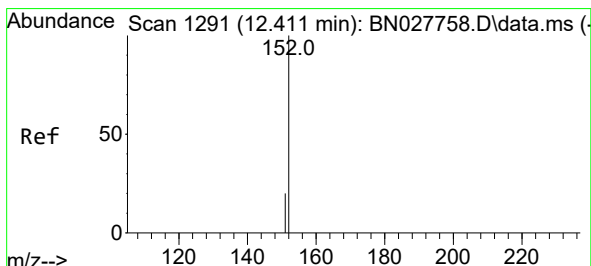
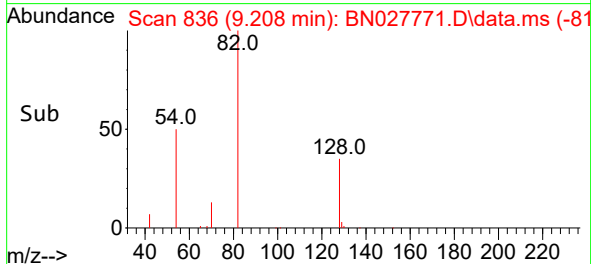
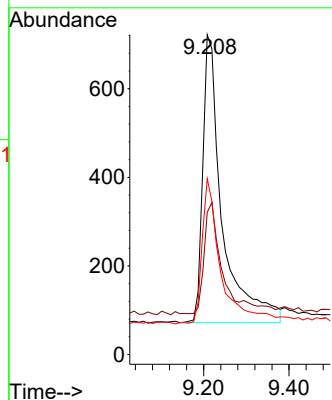
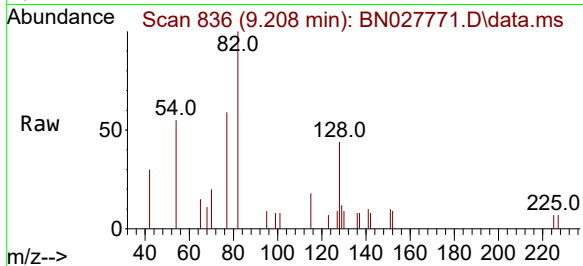




#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 9.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN027771.D
Acq: 20 Sep 2023 19:49

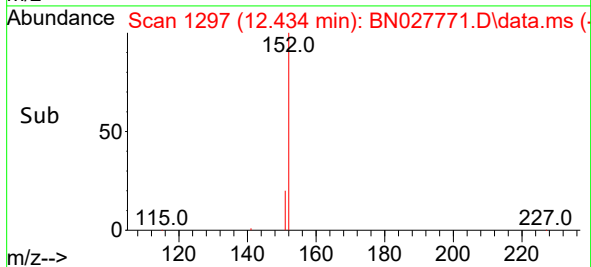
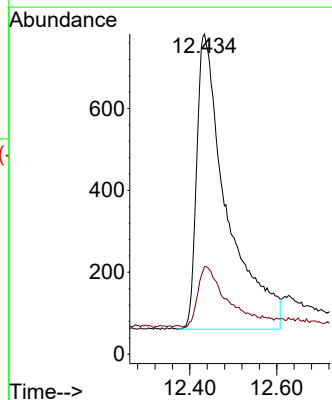
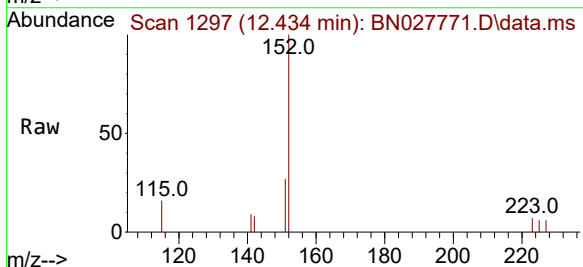
Instrument :
BNA_N
ClientSampleId :
PB155446BL

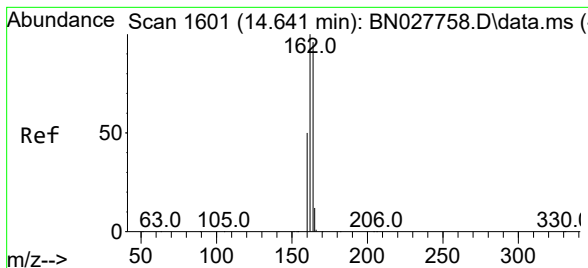
Tgt Ion: 82 Resp: 2060
Ion Ratio Lower Upper
82 100
128 44.5 36.8 55.2
54 55.0 39.9 59.9



#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.434 min Scan# 1297
Delta R.T. 0.023 min
Lab File: BN027771.D
Acq: 20 Sep 2023 19:49

Tgt Ion:152 Resp: 3449
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1

Delta R.T. 0.021 min

Lab File: BN027771.D

Acq: 20 Sep 2023 19:49

Instrument :

BNA_N

ClientSampleId :

PB155446BL

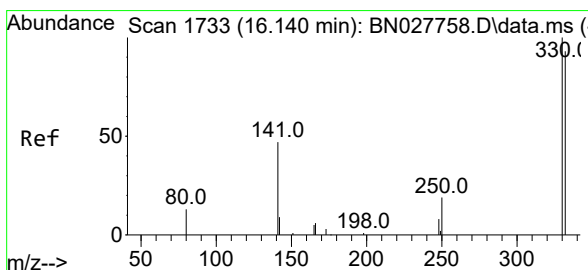
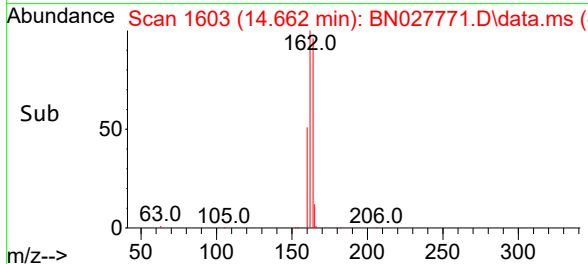
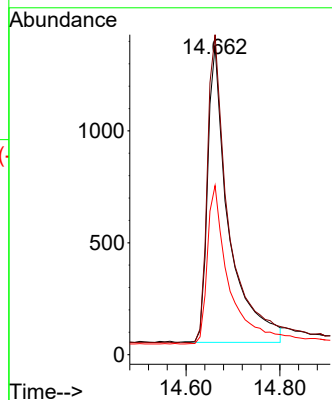
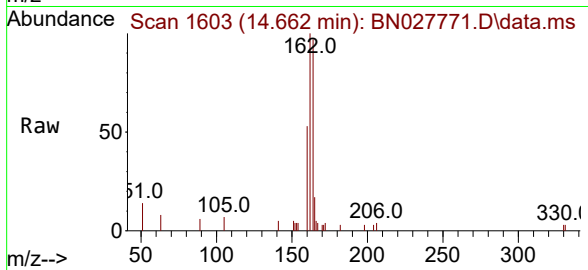
Tgt Ion:164 Resp: 4121

Ion Ratio Lower Upper

164 100

162 103.6 83.6 125.4

160 54.8 42.6 64.0



#14

2,4,6-Tribromophenol

Concen: 0.288 ng

RT: 16.177 min Scan# 1736

Delta R.T. 0.037 min

Lab File: BN027771.D

Acq: 20 Sep 2023 19:49

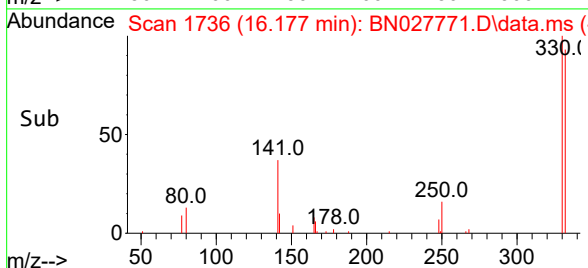
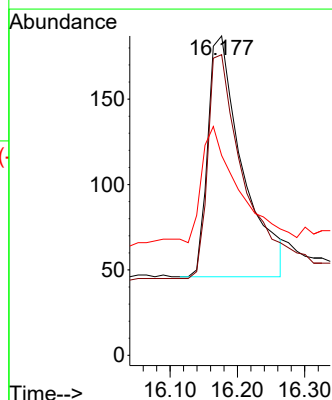
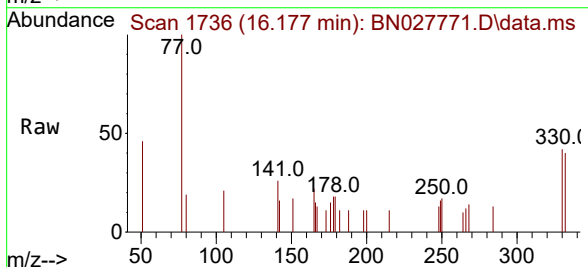
Tgt Ion:330 Resp: 504

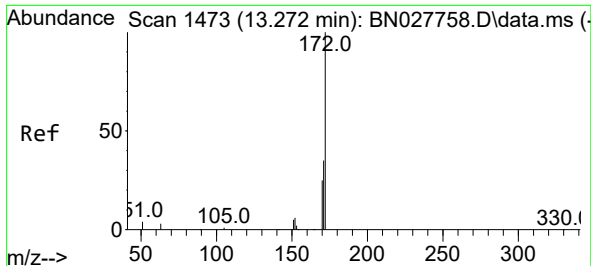
Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.4

141 46.6 38.1 57.1

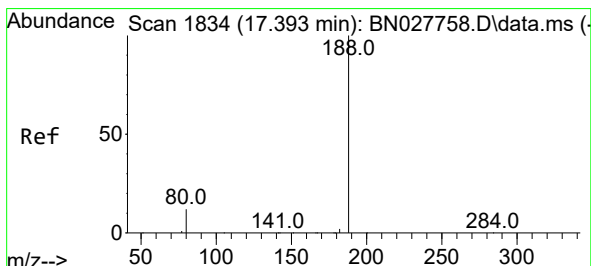
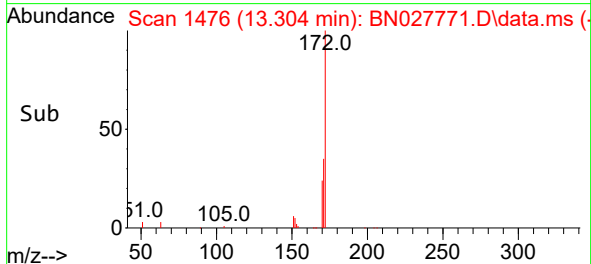
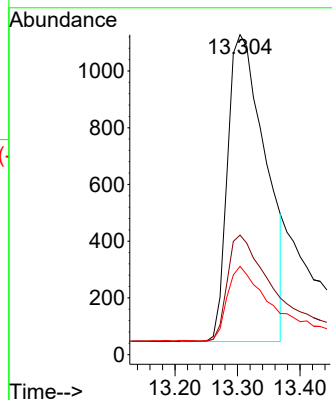
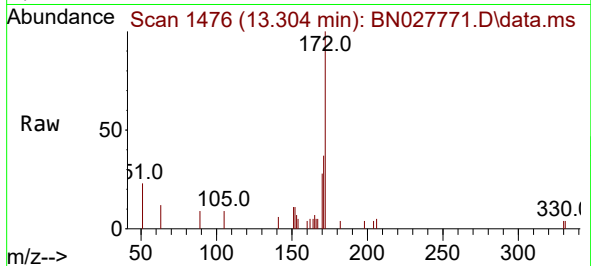




#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.304 min Scan# 1473
Delta R.T. 0.032 min
Lab File: BN027771.D
Acq: 20 Sep 2023 19:49

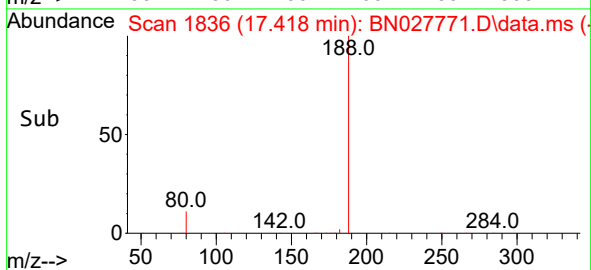
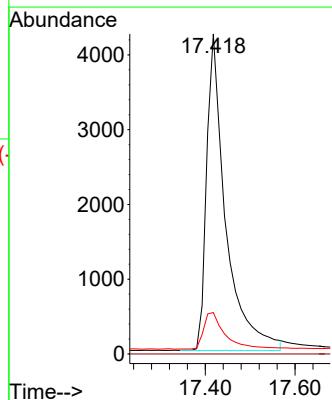
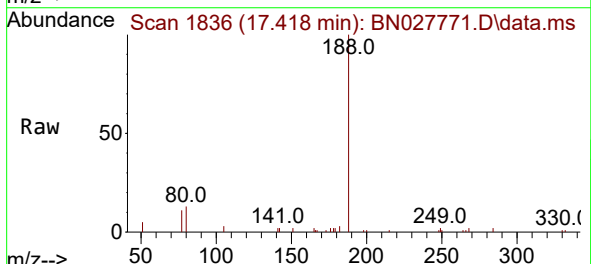
Instrument :
BNA_N
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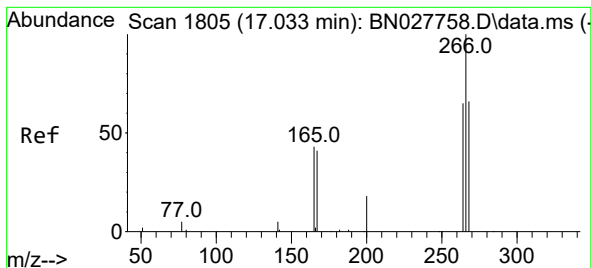
Tgt Ion:172 Resp: 4569
Ion Ratio Lower Upper
172 100
171 37.3 29.3 43.9
170 27.6 20.8 31.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.418 min Scan# 1836
Delta R.T. 0.025 min
Lab File: BN027771.D
Acq: 20 Sep 2023 19:49

Tgt Ion:188 Resp: 12463
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 10.6 16.0





#24

Pentachlorophenol

Concen: Below Cal

RT: 17.058 min Scan# 1805

Delta R.T. 0.025 min

Lab File: BN027771.D

Acq: 20 Sep 2023 19:49

Instrument :

BNA_N

ClientSampleId :

PB155446BL

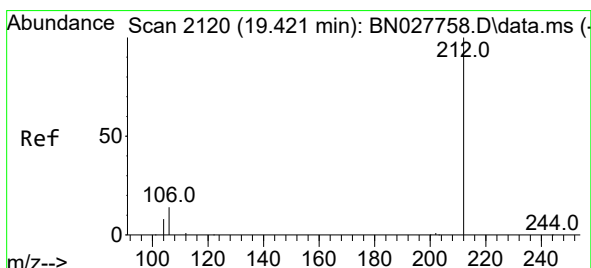
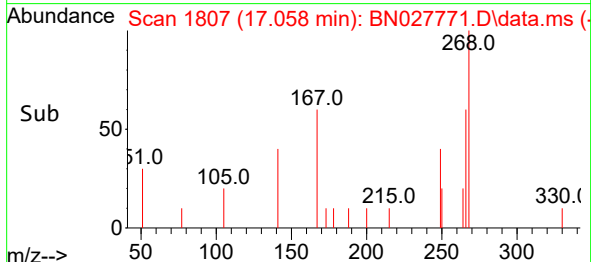
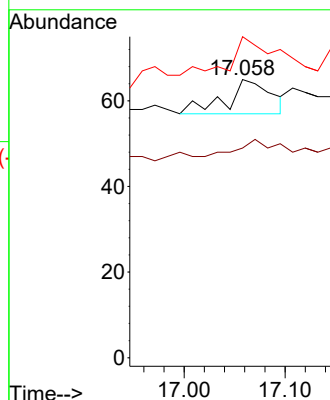
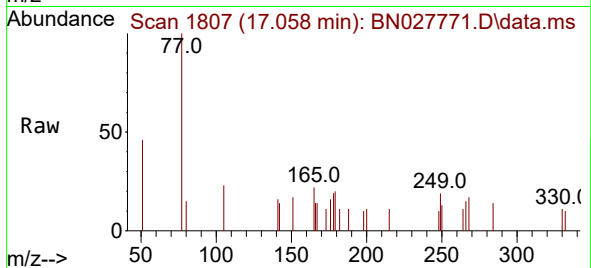
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

264 60.0 50.8 76.2

268 120.0 53.0 79.6#



#27

Fluoranthene-d10

Concen: 0.413 ng

RT: 19.430 min Scan# 2122

Delta R.T. 0.009 min

Lab File: BN027771.D

Acq: 20 Sep 2023 19:49

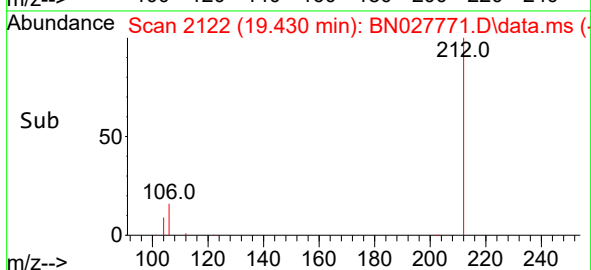
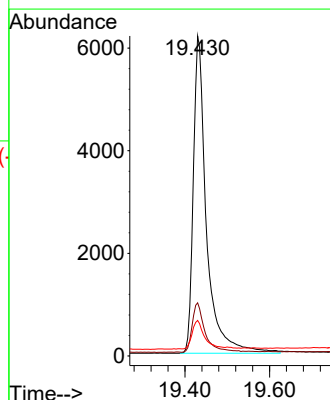
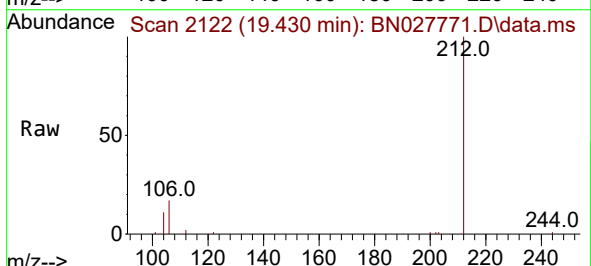
Tgt Ion:212 Resp: 13378

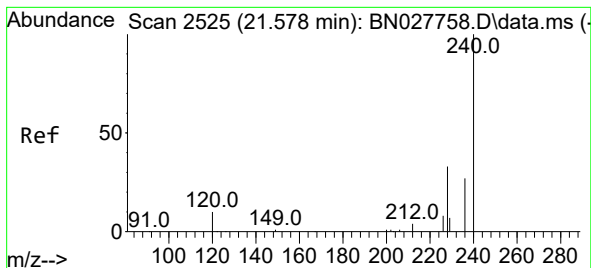
Ion Ratio Lower Upper

212 100

106 15.2 12.2 18.2

104 8.6 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: BN027771.D

Acq: 20 Sep 2023 19:49

Instrument :

BNA_N

ClientSampleId :

PB155446BL

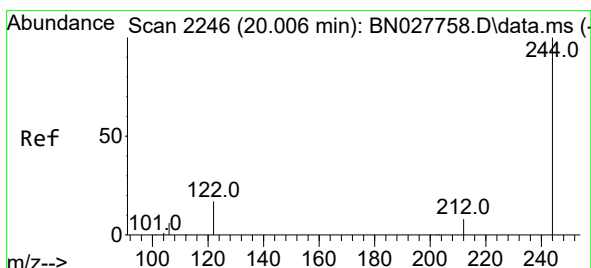
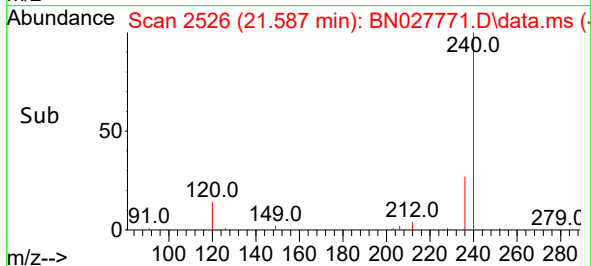
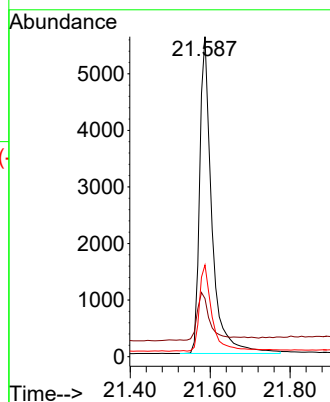
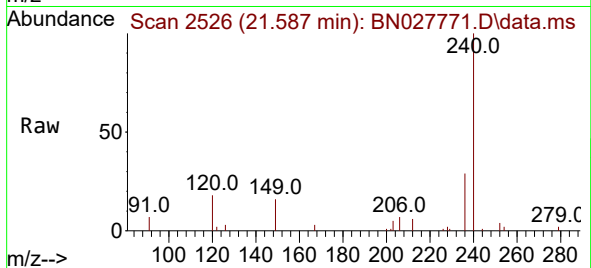
Tgt Ion:240 Resp: 11890

Ion Ratio Lower Upper

240 100

120 18.2 11.2 16.8#

236 28.6 22.8 34.2



#31

Terphenyl-d14

Concen: 0.473 ng

RT: 20.015 min Scan# 2248

Delta R.T. 0.009 min

Lab File: BN027771.D

Acq: 20 Sep 2023 19:49

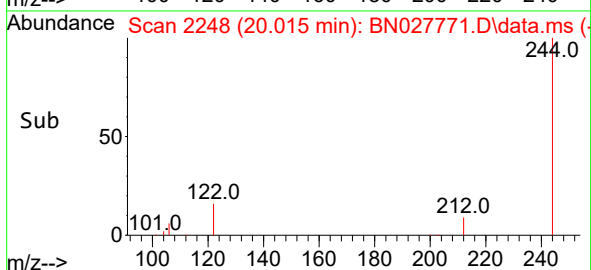
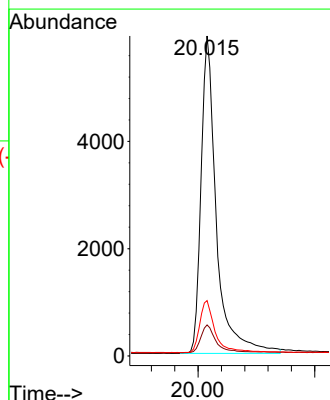
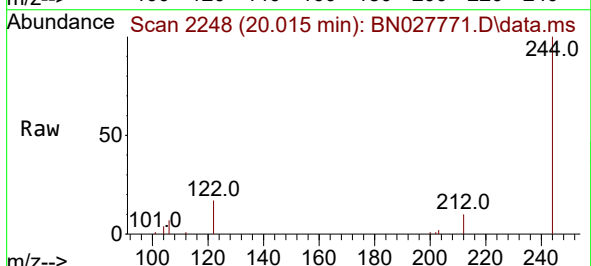
Tgt Ion:244 Resp: 10848

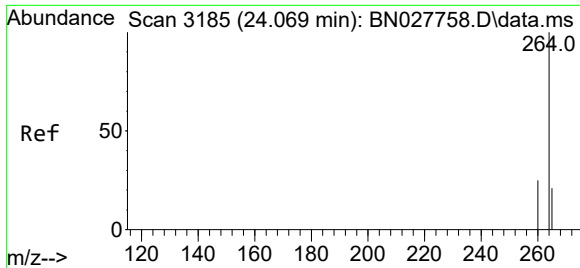
Ion Ratio Lower Upper

244 100

212 9.7 7.5 11.3

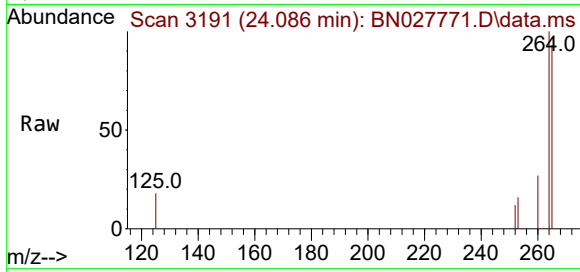
122 17.3 13.9 20.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.086 min Scan# 31
Delta R.T. 0.017 min
Lab File: BN027771.D
Acq: 20 Sep 2023 19:49

Instrument :
BNA_N
ClientSampleId :
PB155446BL



Tgt Ion:264 Resp: 10358
Ion Ratio Lower Upper
264 100
260 26.9 21.0 31.6
265 93.5 60.5 90.7#

