

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027605.D
 Acq On : 12 Sep 2023 10:42
 Operator : MA/JU
 Sample : 04254-06
 Misc :
 ALS Vial : 106 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP11-20230830

Quant Time: Sep 12 11:24:01 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)

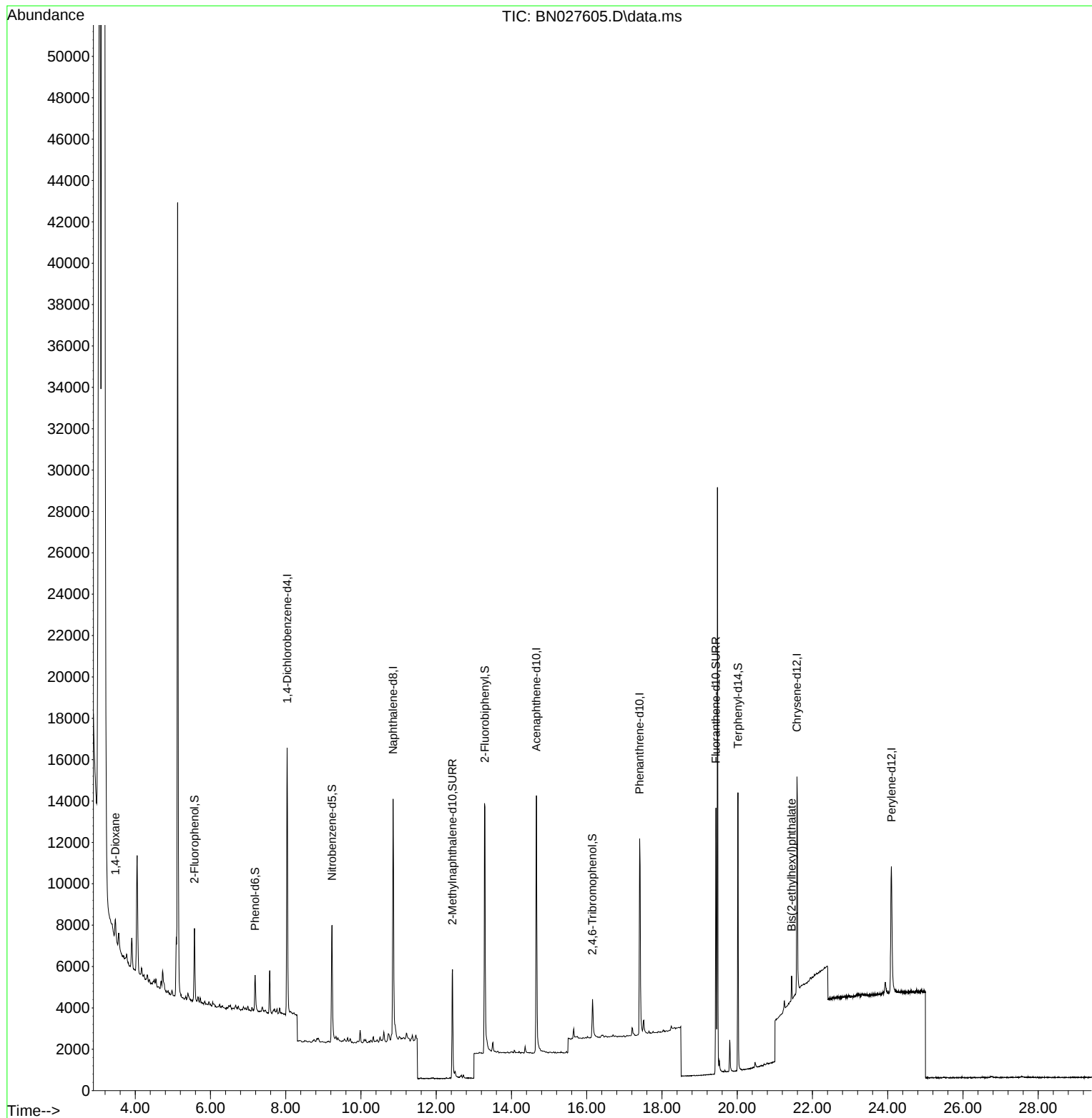
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6537	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	17010	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	8037	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	15601	0.400	ng	0.00
29) Chrysene-d12	21.587	240	11565	0.400	ng	0.00
35) Perylene-d12	24.098	264	10931	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	3240	0.190	ng	0.00
5) Phenol-d6	7.185	99	2002	0.097	ng	0.00
8) Nitrobenzene-d5	9.230	82	5510	0.444	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	8276	0.331	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1280	0.430	ng	0.00
15) 2-Fluorobiphenyl	13.293	172	13344	0.437	ng	0.00
27) Fluoranthene-d10	19.435	212	15258	0.393	ng	0.00
31) Terphenyl-d14	20.020	244	13182	0.567	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	1076	0.135	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.444	149	1157	0.060	ng	# 99

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

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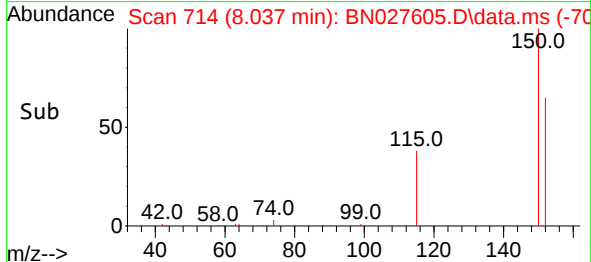
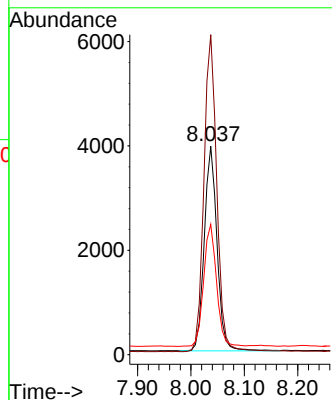
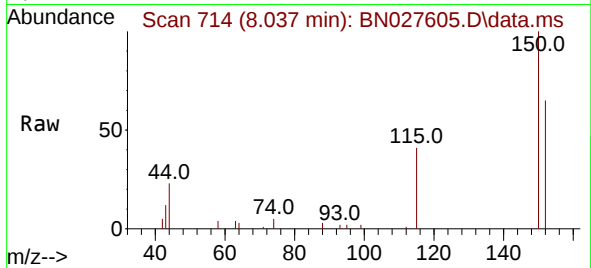




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.037 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN027605.D
 Acq: 12 Sep 2023 10:42

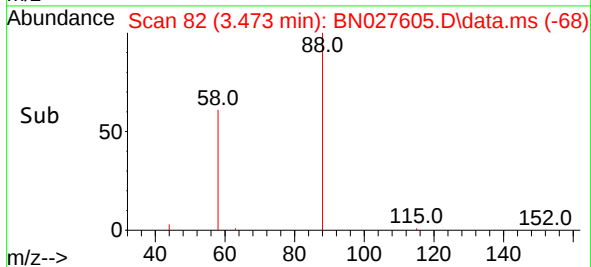
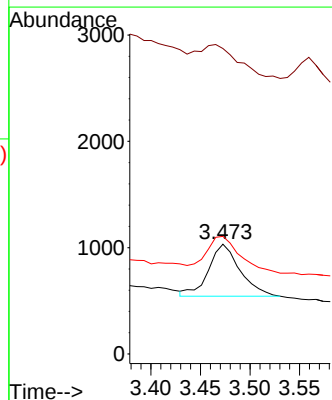
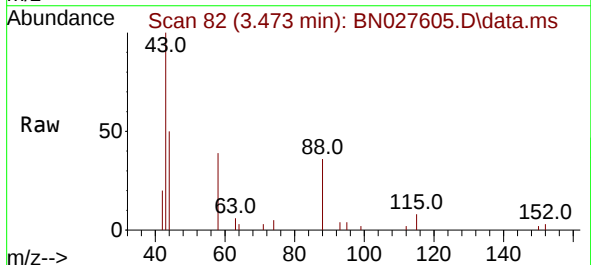
Instrument :
 BNA_N
 ClientSampleId :
 DUP11-20230830

Tgt Ion:152 Resp: 6537
 Ion Ratio Lower Upper
 152 100
 150 153.6 122.7 184.1
 115 62.6 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.135 ng
 RT: 3.473 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: BN027605.D
 Acq: 12 Sep 2023 10:42

Tgt Ion: 88 Resp: 1076
 Ion Ratio Lower Upper
 88 100
 43 64.7 19.1 28.7#
 58 77.4 52.2 78.2

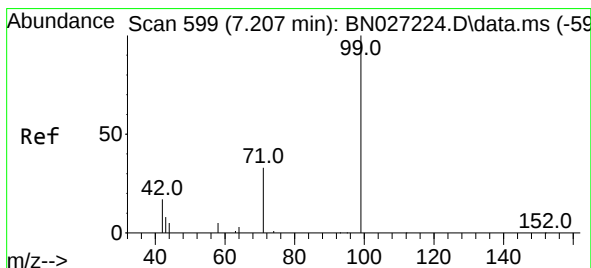
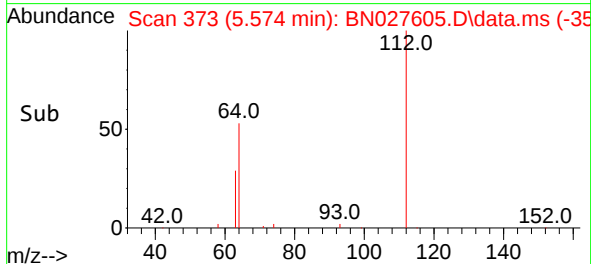
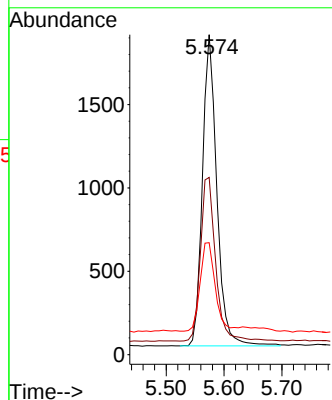
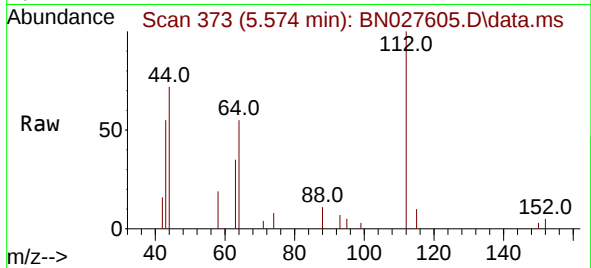




#4
2-Fluorophenol
Concen: 0.190 ng
RT: 5.574 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027605.D
Acq: 12 Sep 2023 10:42

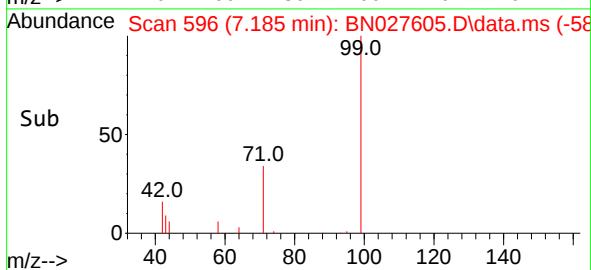
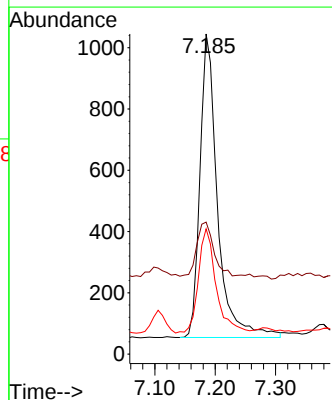
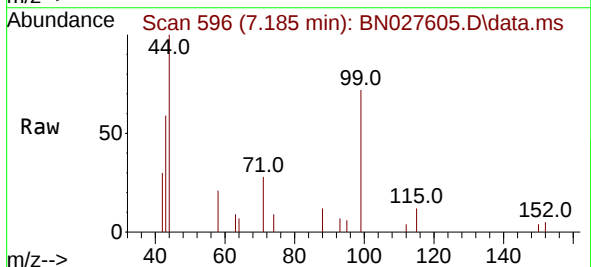
Instrument :
BNA_N
ClientSampleId :
DUP11-20230830

Tgt Ion:112 Resp: 3240
Ion Ratio Lower Upper
112 100
64 55.7 44.4 66.6
63 29.8 23.1 34.7



#5
Phenol-d6
Concen: 0.097 ng
RT: 7.185 min Scan# 596
Delta R.T. -0.000 min
Lab File: BN027605.D
Acq: 12 Sep 2023 10:42

Tgt Ion: 99 Resp: 2002
Ion Ratio Lower Upper
99 100
42 16.9 14.5 21.7
71 34.6 25.8 38.6

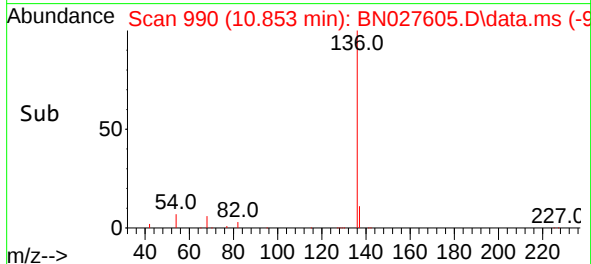
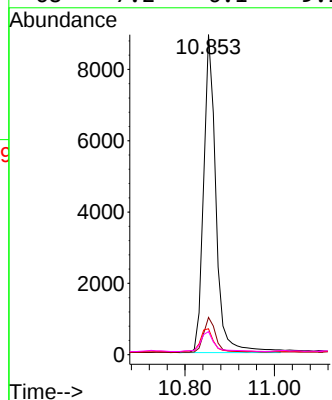
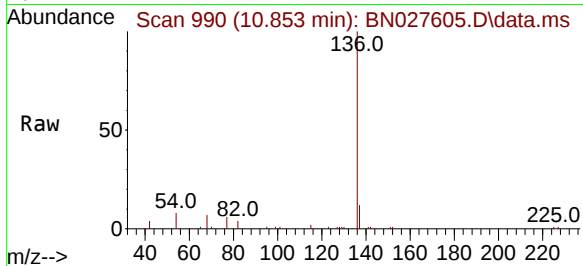




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN027605.D
Acq: 12 Sep 2023 10:42

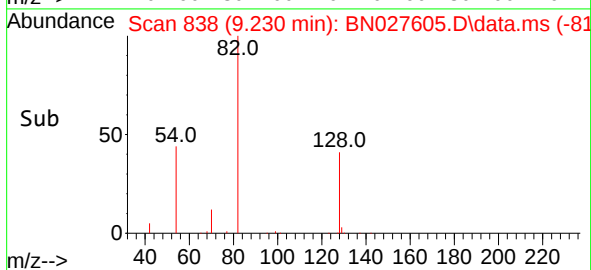
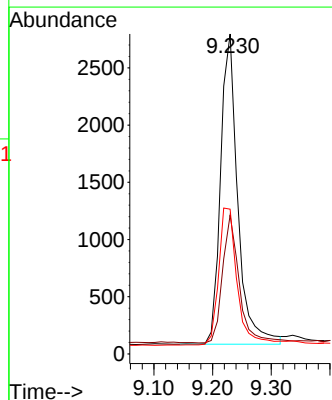
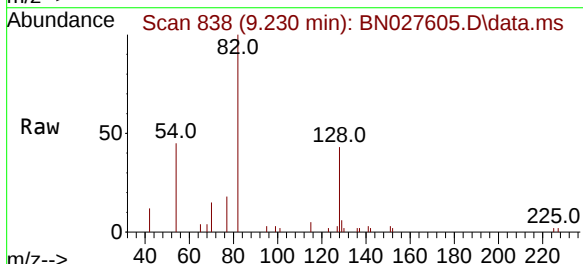
Instrument :
BNA_N
ClientSampleId :
DUP11-20230830

Tgt Ion:	136	Resp:	17010
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.3	13.9
54	8.1	6.7	10.1
68	7.2	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.444 ng
RT: 9.230 min Scan# 838
Delta R.T. -0.000 min
Lab File: BN027605.D
Acq: 12 Sep 2023 10:42

Tgt Ion:	82	Resp:	5510
Ion Ratio	Lower	Upper	
82	100		
128	43.4	33.4	50.0
54	45.3	37.7	56.5

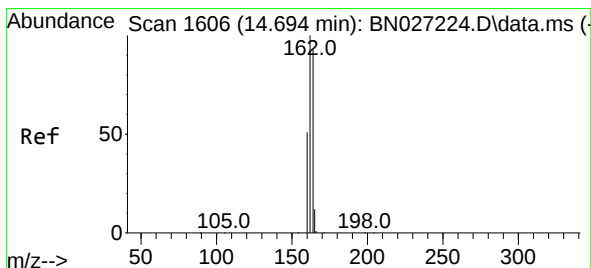
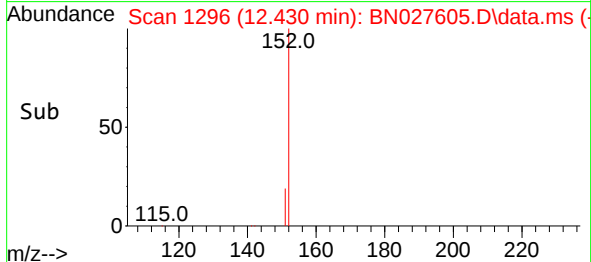
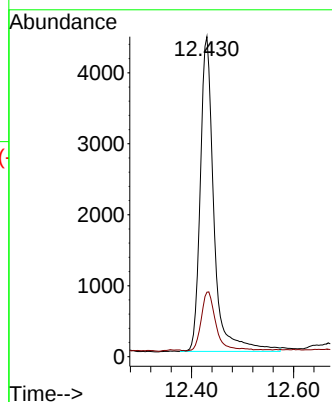
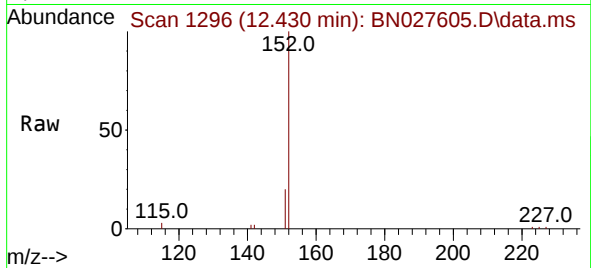




#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.430 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027605.D
Acq: 12 Sep 2023 10:42

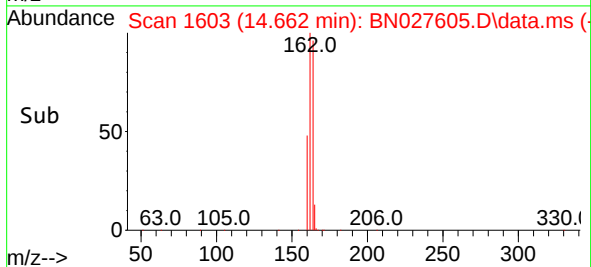
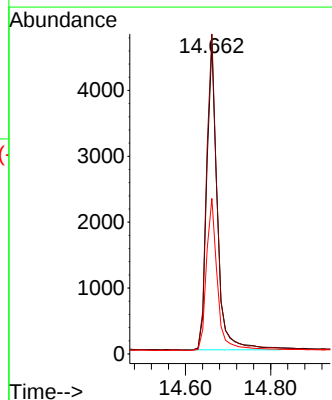
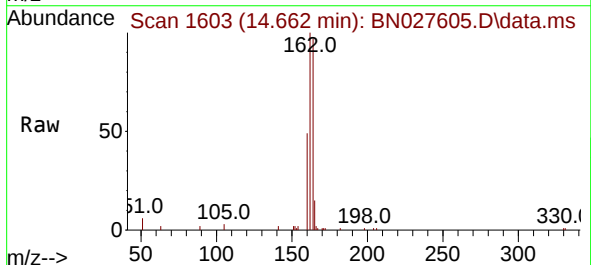
Instrument :
BNA_N
ClientSampleId :
DUP11-20230830

Tgt Ion:152 Resp: 8276
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BN027605.D
Acq: 12 Sep 2023 10:42

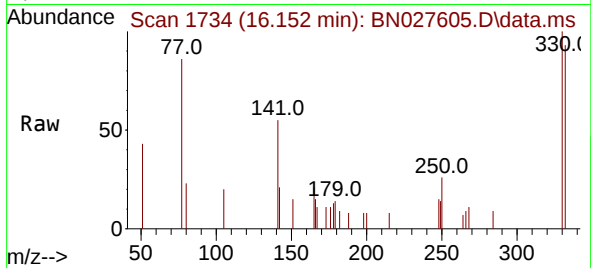
Tgt Ion:164 Resp: 8037
Ion Ratio Lower Upper
164 100
162 103.4 85.8 128.8
160 50.3 44.2 66.2



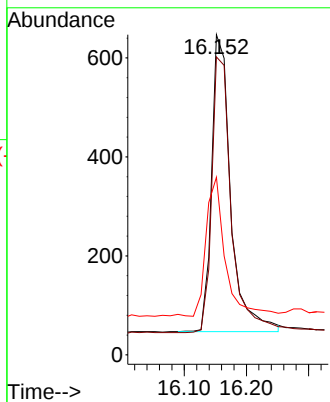
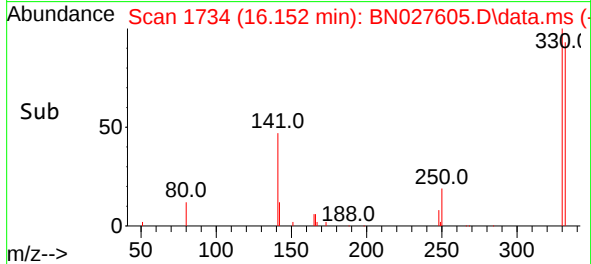


#14
2,4,6-Tribromophenol
Concen: 0.430 ng
RT: 16.152 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN027605.D
Acq: 12 Sep 2023 10:42

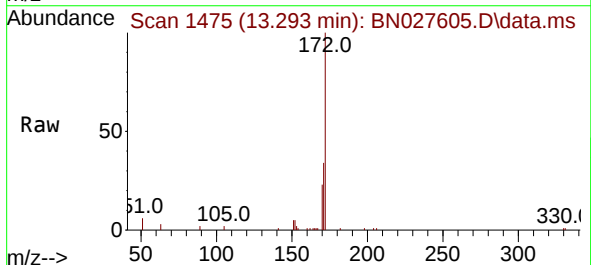
Instrument :
BNA_N
ClientSampleId :
DUP11-20230830



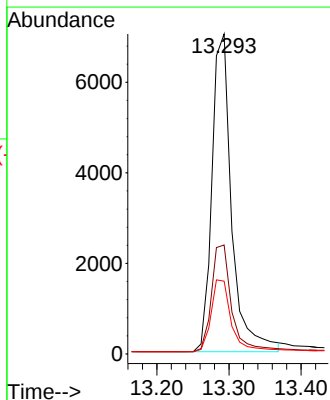
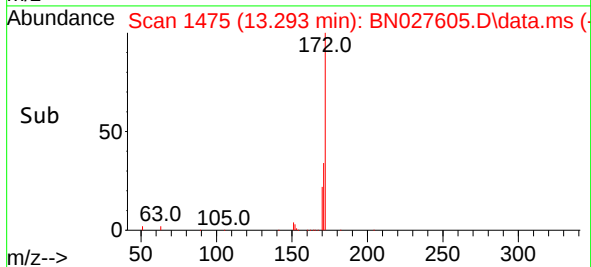
Tgt Ion:330 Resp: 1280
Ion Ratio Lower Upper
330 100
332 95.3 75.2 112.8
141 46.2 36.2 54.4

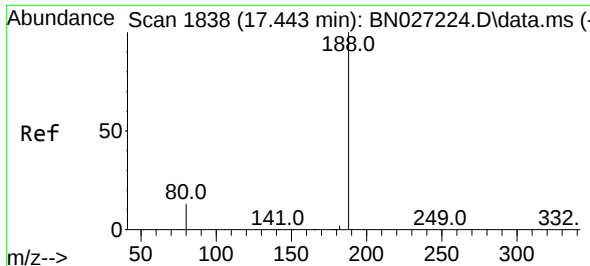


#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 13.293 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN027605.D
Acq: 12 Sep 2023 10:42



Tgt Ion:172 Resp: 13344
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.8
170 22.8 19.3 28.9

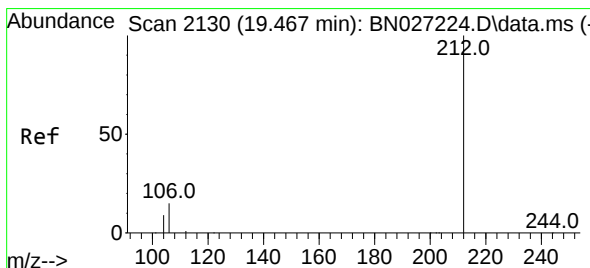
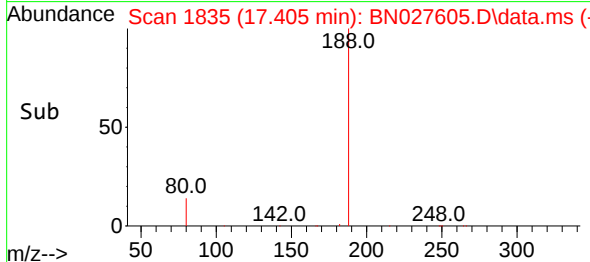
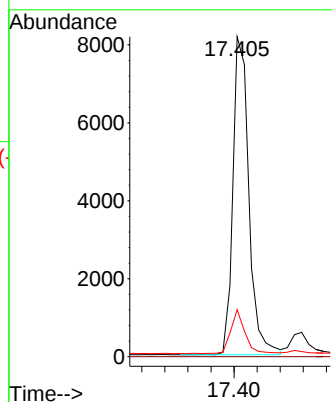
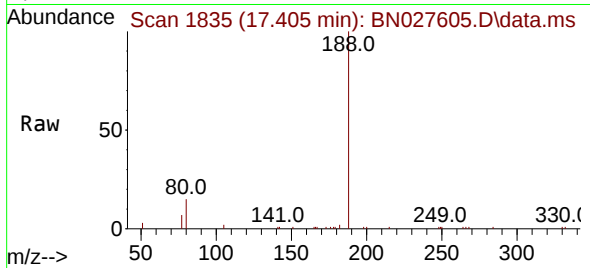




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BN027605.D
Acq: 12 Sep 2023 10:42

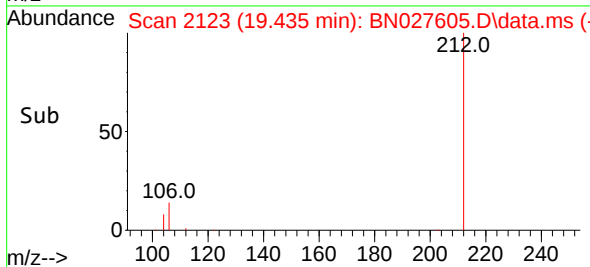
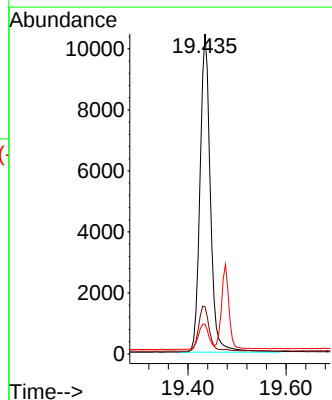
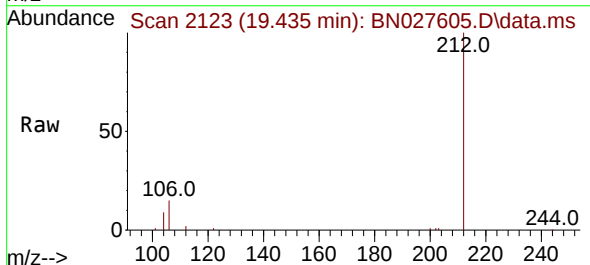
Instrument :
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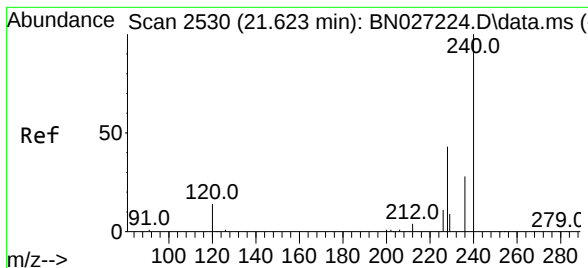
Tgt Ion:188 Resp: 15601
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.435 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN027605.D
Acq: 12 Sep 2023 10:42

Tgt Ion:212 Resp: 15258
Ion Ratio Lower Upper
212 100
106 14.3 12.1 18.1
104 8.0 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: BN027605.D

Acq: 12 Sep 2023 10:42

Instrument :

BNA_N

ClientSampleId :

DUP11-20230830

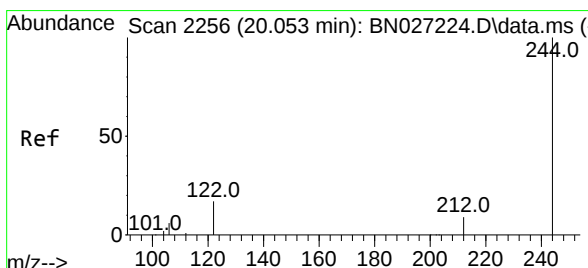
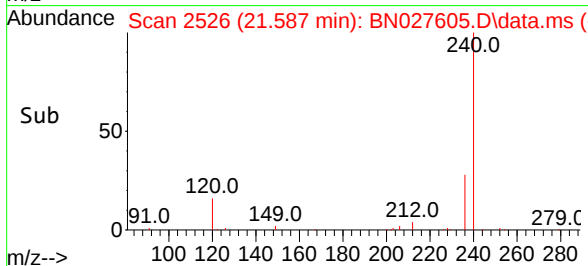
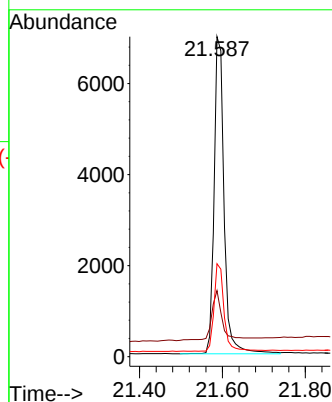
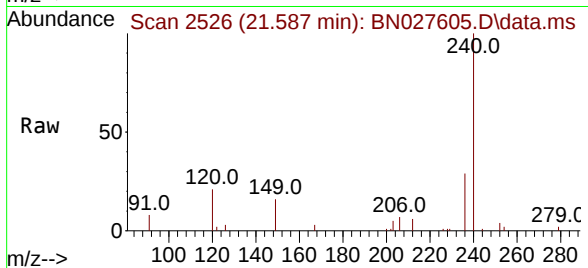
Tgt Ion:240 Resp: 11565

Ion Ratio Lower Upper

240 100

120 20.6 14.2 21.4

236 29.1 22.9 34.3



#31

Terphenyl-d14

Concen: 0.567 ng

RT: 20.020 min Scan# 2249

Delta R.T. -0.000 min

Lab File: BN027605.D

Acq: 12 Sep 2023 10:42

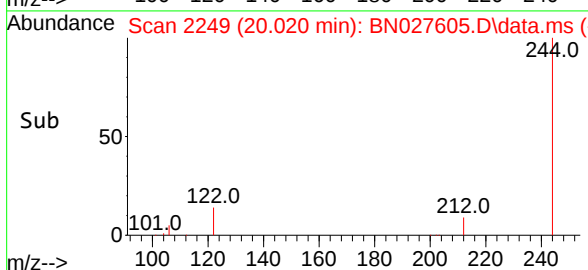
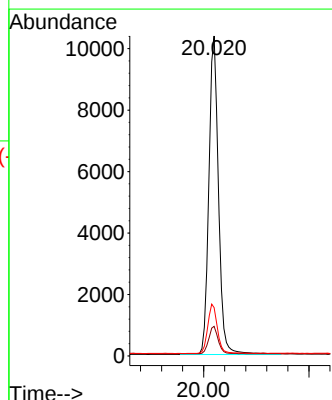
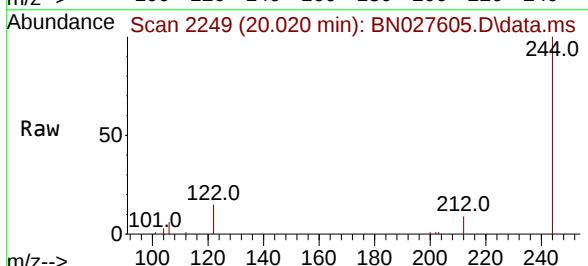
Tgt Ion:244 Resp: 13182

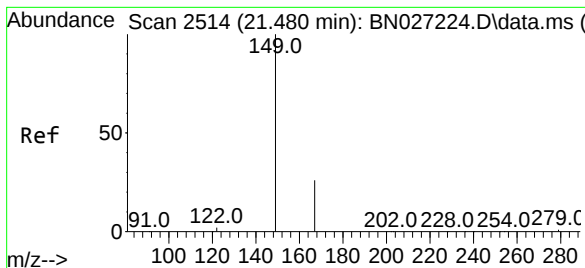
Ion Ratio Lower Upper

244 100

212 9.2 7.5 11.3

122 15.1 14.0 21.0

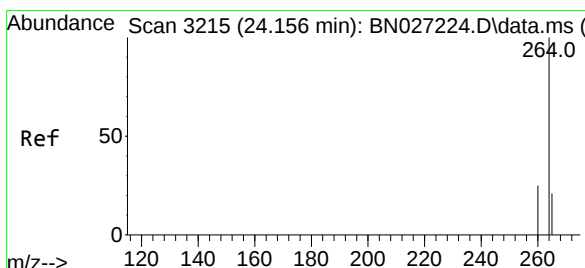
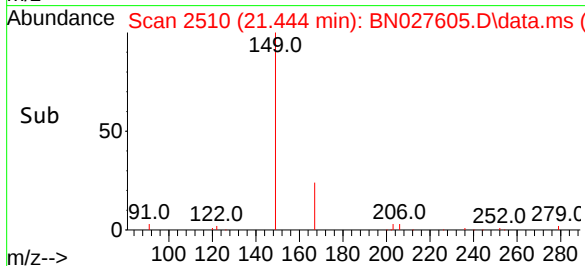
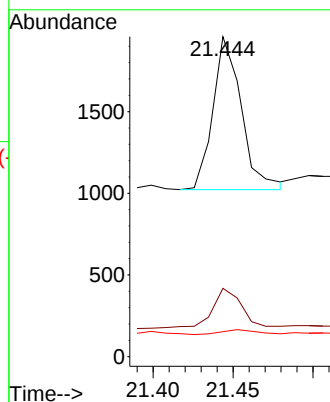
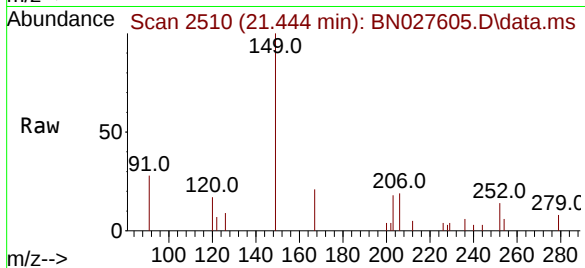




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.060 ng
 RT: 21.444 min Scan# 2110
 Delta R.T. -0.000 min
 Lab File: BN027605.D
 Acq: 12 Sep 2023 10:42

Instrument :
 BNA_N
 ClientSampleId :
 DUP11-20230830

Tgt Ion:149 Resp: 1157
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.1 33.1
 279 4.1 2.7 4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.098 min Scan# 3195
 Delta R.T. 0.003 min
 Lab File: BN027605.D
 Acq: 12 Sep 2023 10:42

Tgt Ion:264 Resp: 10931
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.7 31.1
 265 86.7 53.3 79.9#

