

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021262.D
 Acq On : 16 Aug 2022 19:10
 Operator : CG/JU
 Sample : N4169-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20220809

Quant Time: Aug 17 05:14:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

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

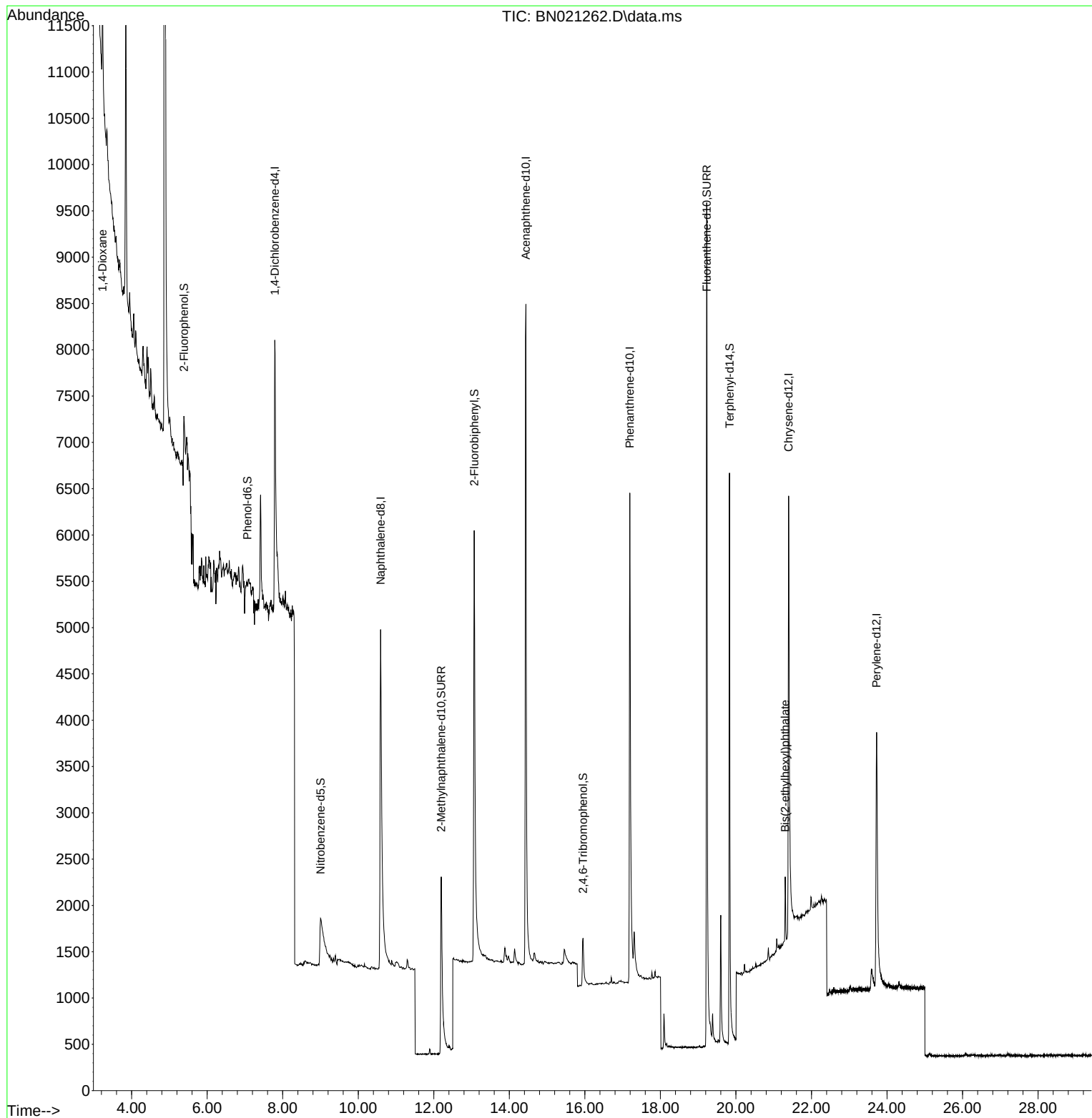
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	2963	0.400	ng	0.00
7) Naphthalene-d8	10.592	136	9239	0.400	ng	# 0.01
13) Acenaphthene-d10	14.439	164	5582	0.400	ng	0.01
19) Phenanthrene-d10	17.192	188	10165	0.400	ng	0.01
29) Chrysene-d12	21.395	240	7226	0.400	ng	0.00
35) Perylene-d12	23.726	264	5460	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	922	0.125	ng	0.00
5) Phenol-d6	7.068	99	232	0.027	ng	0.09
8) Nitrobenzene-d5	9.001	82	1425	0.297	ng	0.04
11) 2-Methylnaphthalene-d10	12.198	152	5166	0.321	ng	0.02
14) 2,4,6-Tribromophenol	15.951	330	443	0.243	ng	0.01
15) 2-Fluorobiphenyl	13.071	172	6418	0.289	ng	0.01
27) Fluoranthene-d10	19.227	212	13055	0.473	ng	0.00
31) Terphenyl-d14	19.830	244	8541	0.434	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.226	88	560	0.135	ng	# 60
34) Bis(2-ethylhexyl)phtha...	21.305	149	778	0.048	ng	93

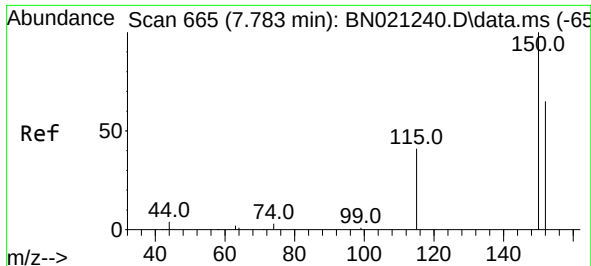
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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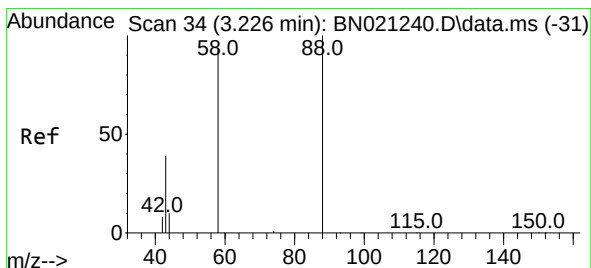
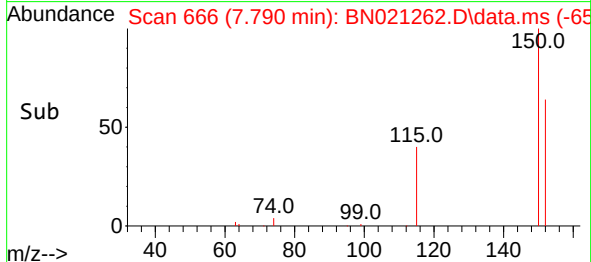
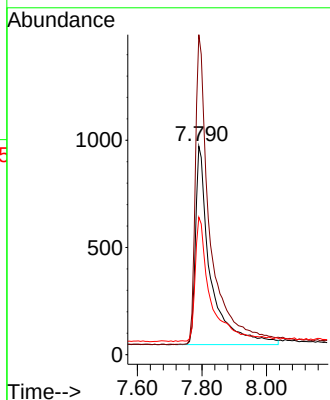
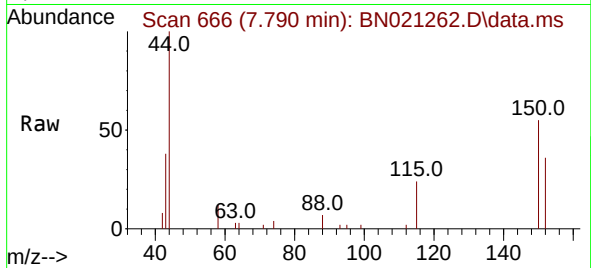




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.790 min Scan# 665
 Delta R.T. 0.007 min
 Lab File: BN021262.D
 Acq: 16 Aug 2022 19:10

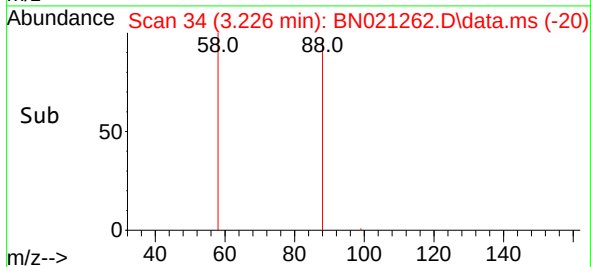
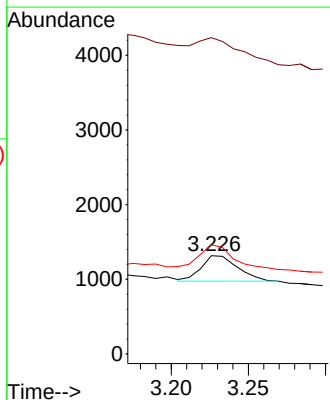
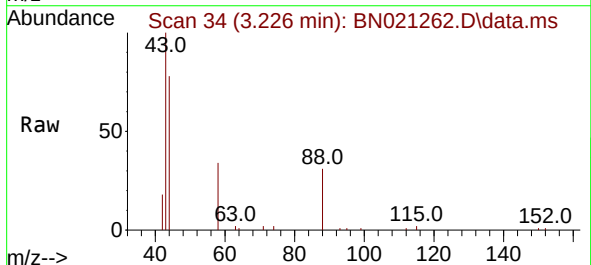
Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20220809

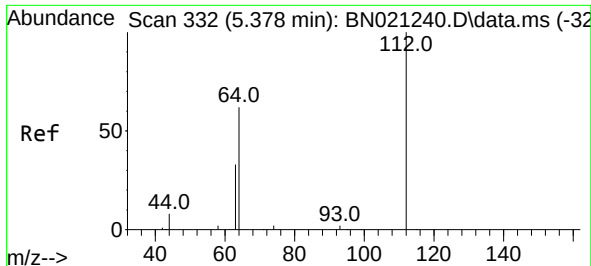
Tgt Ion:152 Resp: 2963
 Ion Ratio Lower Upper
 152 100
 150 153.4 123.1 184.7
 115 65.9 52.2 78.4



#2
 1,4-Dioxane
 Concen: 0.135 ng
 RT: 3.226 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: BN021262.D
 Acq: 16 Aug 2022 19:10

Tgt Ion: 88 Resp: 560
 Ion Ratio Lower Upper
 88 100
 43 119.3 28.6 42.8#
 58 93.4 74.5 111.7

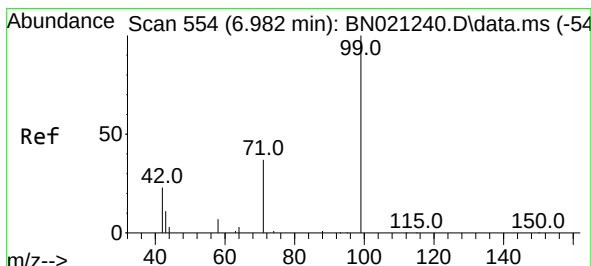
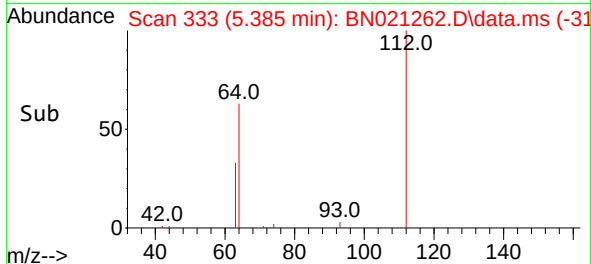
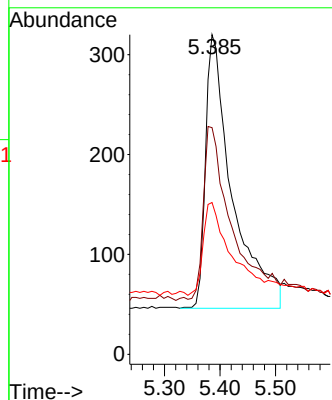
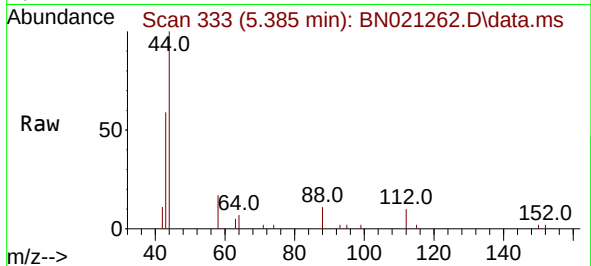




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.385 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

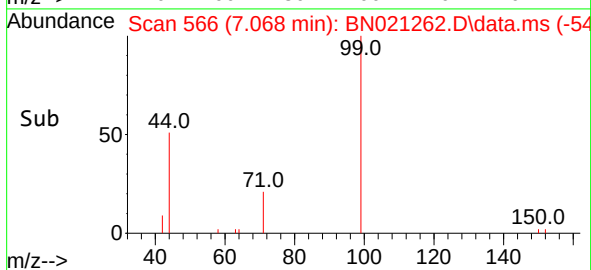
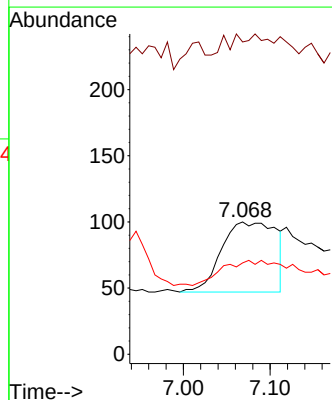
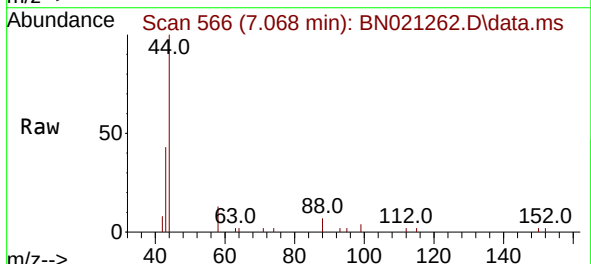
Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

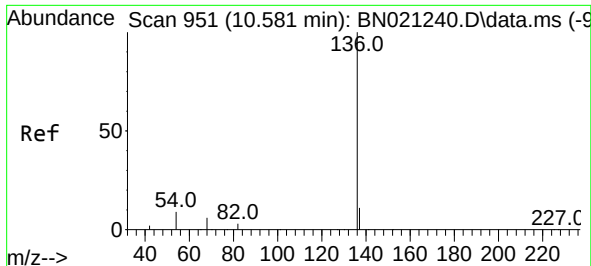
Tgt Ion:112 Resp: 922
Ion Ratio Lower Upper
112 100
64 67.6 52.0 78.0
63 37.7 27.5 41.3



#5
Phenol-d6
Concen: 0.027 ng
RT: 7.068 min Scan# 566
Delta R.T. 0.087 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Tgt Ion: 99 Resp: 232
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 20.3 28.9 43.3#

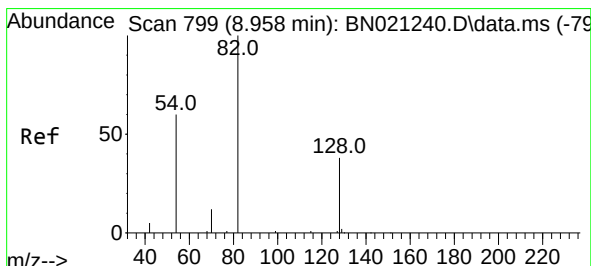
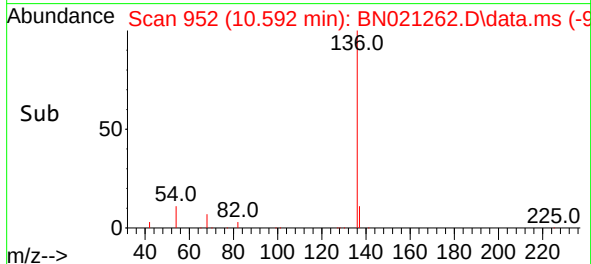
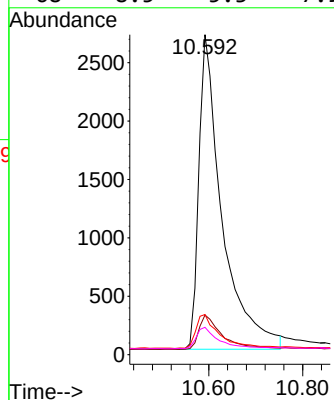
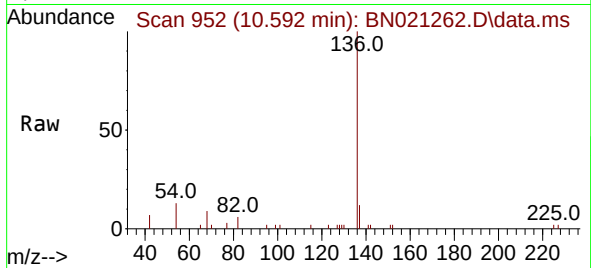




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.592 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

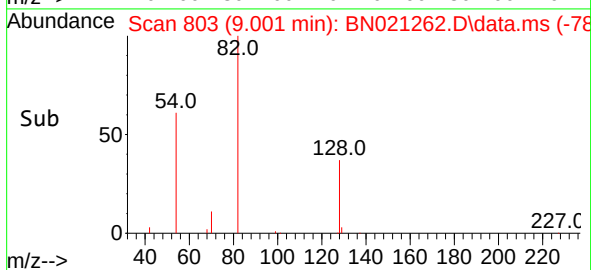
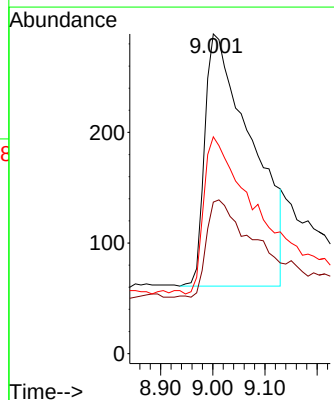
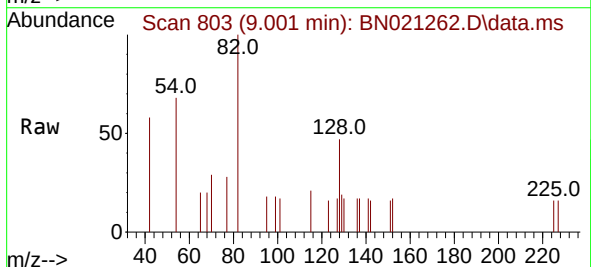
Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

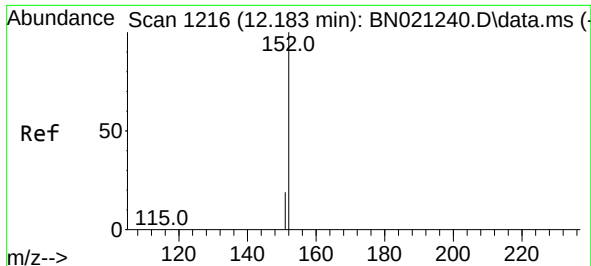
Tgt Ion:	136	Resp:	9239
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	12.6	8.2	12.2#
68	8.5	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.001 min Scan# 803
Delta R.T. 0.043 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Tgt Ion:	82	Resp:	1425
Ion	Ratio	Lower	Upper
82	100		
128	47.4	33.6	50.4
54	67.8	50.2	75.2

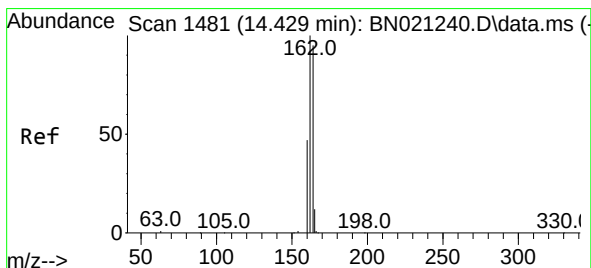
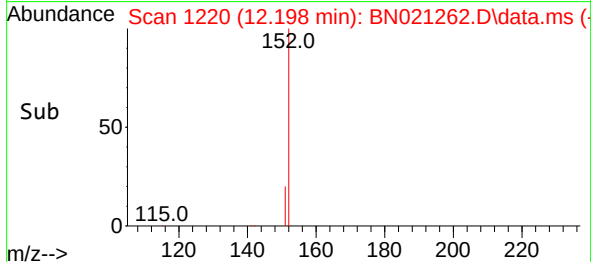
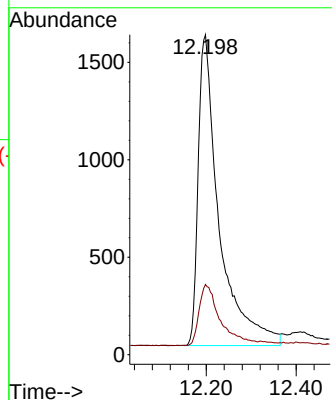
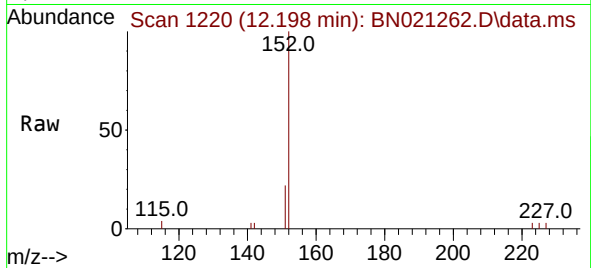




#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.198 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

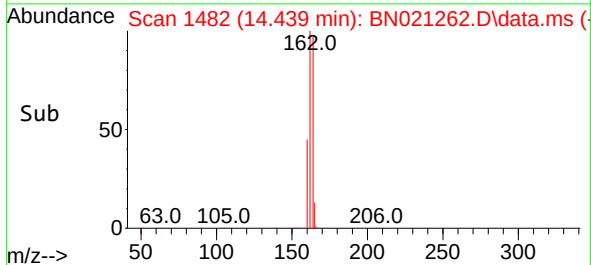
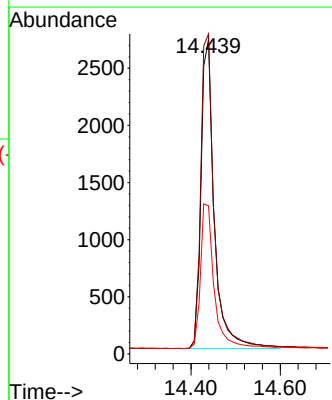
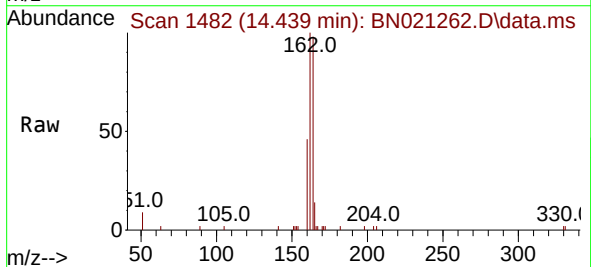
Instrument :
BNA_N
ClientSampleId :
DUP01-20220809

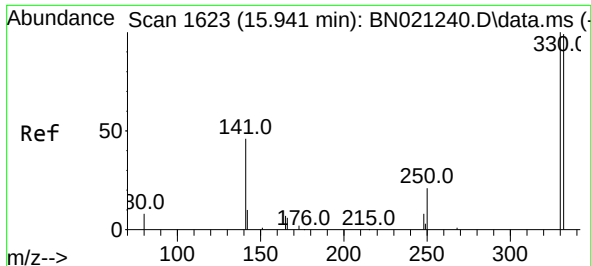
Tgt Ion:152 Resp: 5166
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.439 min Scan# 1482
Delta R.T. 0.011 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

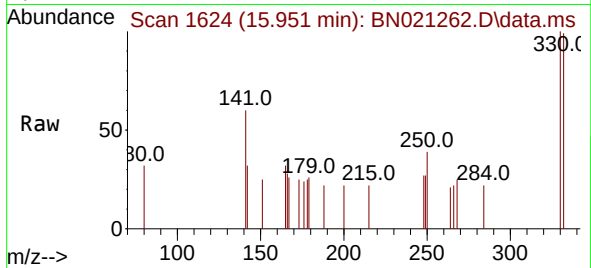
Tgt Ion:164 Resp: 5582
Ion Ratio Lower Upper
164 100
162 101.7 83.8 125.6
160 47.1 39.8 59.6



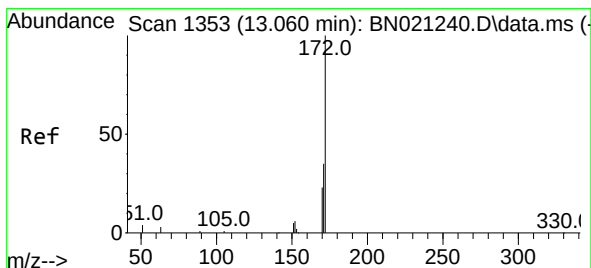
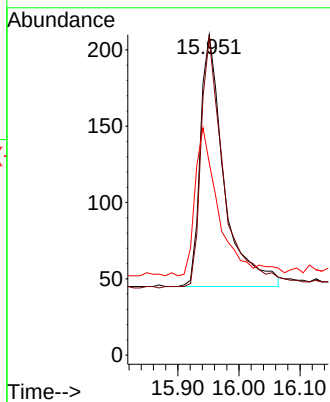
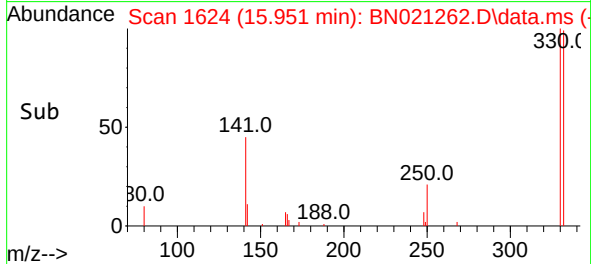


#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.951 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

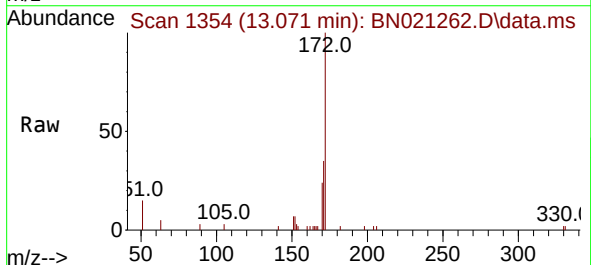
Instrument :
BNA_N
ClientSampleId :
DUP01-20220809



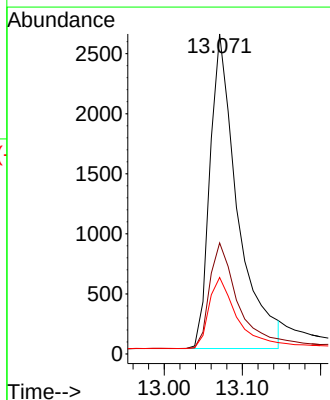
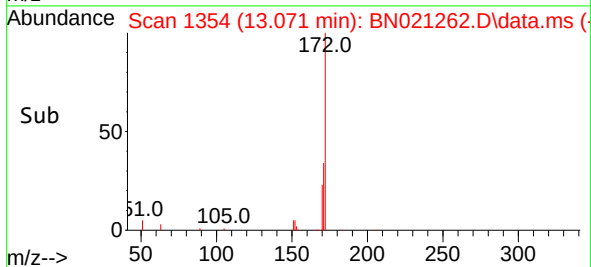
Tgt Ion:330 Resp: 443
Ion Ratio Lower Upper
330 100
332 98.4 78.1 117.1
141 60.0 45.4 68.0

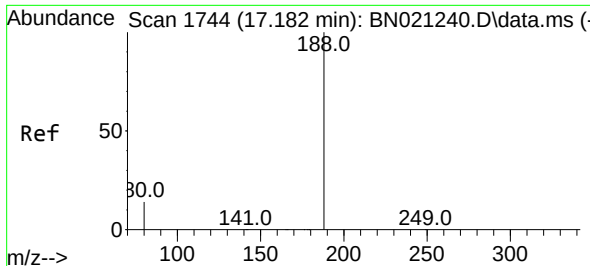


#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.071 min Scan# 1354
Delta R.T. 0.011 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10



Tgt Ion:172 Resp: 6418
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.9 19.0 28.6

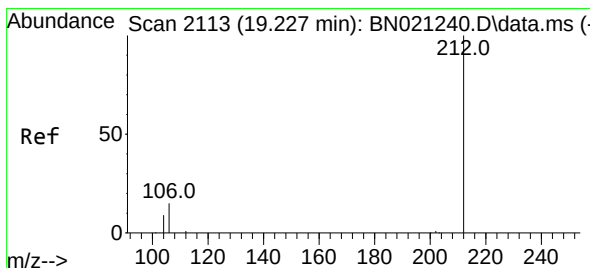
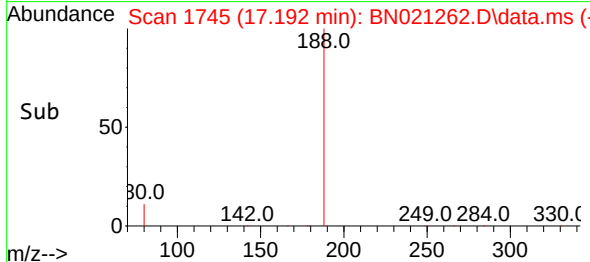
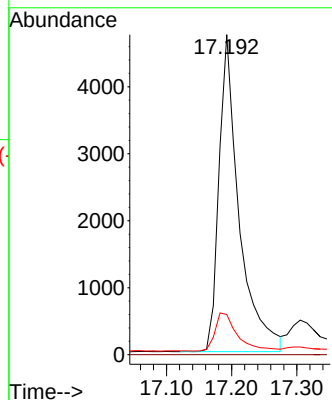
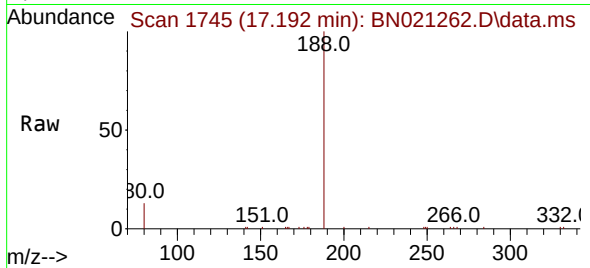




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.192 min Scan# 1745
Delta R.T. 0.010 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

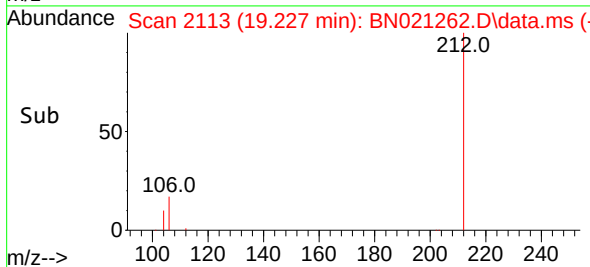
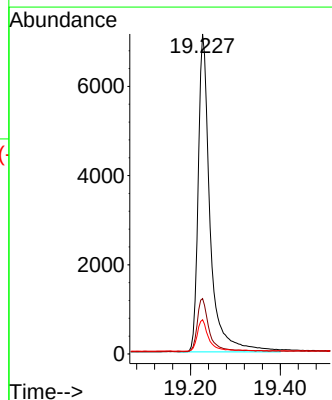
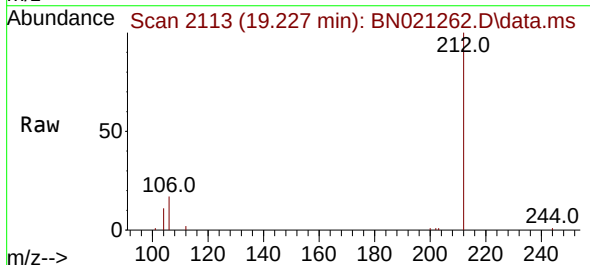
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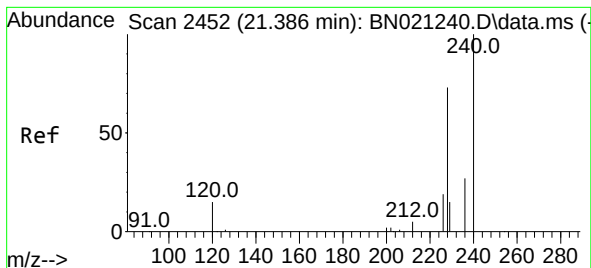
Tgt Ion:188 Resp: 10165
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 11.8 17.6



#27
Fluoranthene-d10
Concen: 0.473 ng
RT: 19.227 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BN021262.D
Acq: 16 Aug 2022 19:10

Tgt Ion:212 Resp: 13055
Ion Ratio Lower Upper
212 100
106 16.7 12.6 18.8
104 9.4 7.2 10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.395 min Scan# 2453

Delta R.T. 0.009 min

Lab File: BN021262.D

Acq: 16 Aug 2022 19:10

Instrument :

BNA_N

ClientSampleId :

DUP01-20220809

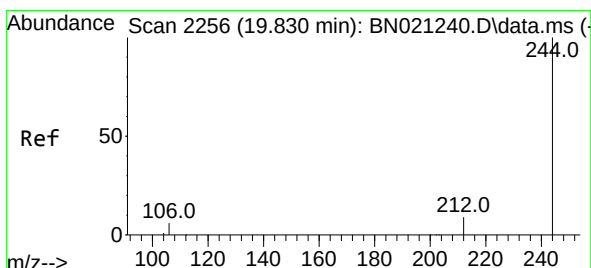
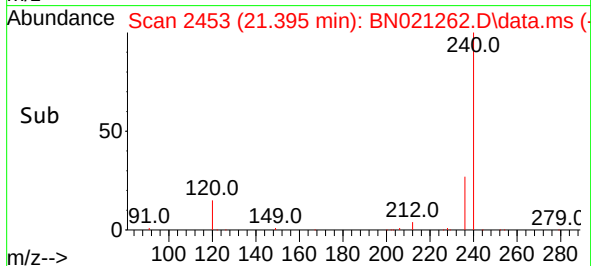
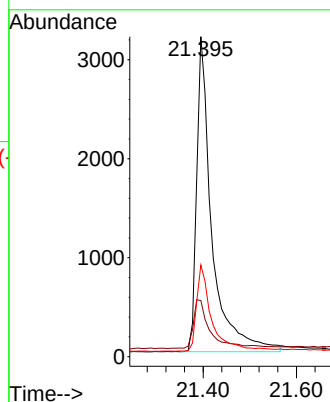
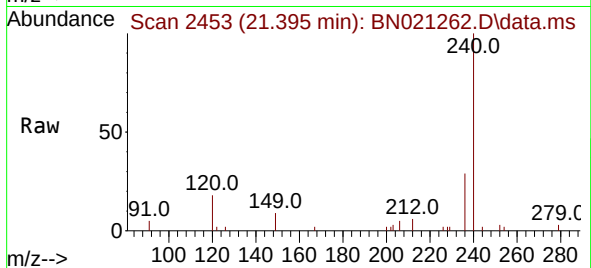
Tgt Ion:240 Resp: 7226

Ion Ratio Lower Upper

240 100

120 17.6 13.4 20.2

236 28.6 22.6 33.8



#31

Terphenyl-d14

Concen: 0.434 ng

RT: 19.830 min Scan# 2256

Delta R.T. -0.000 min

Lab File: BN021262.D

Acq: 16 Aug 2022 19:10

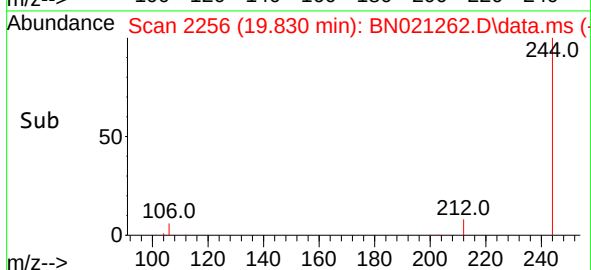
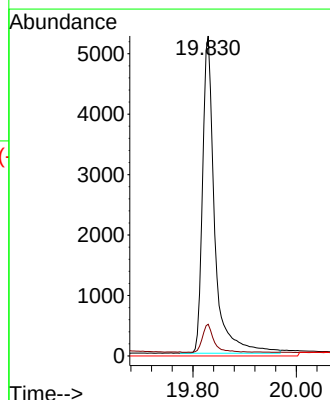
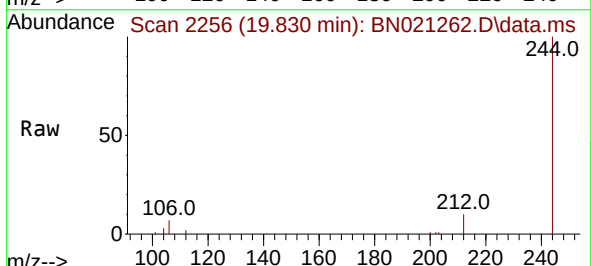
Tgt Ion:244 Resp: 8541

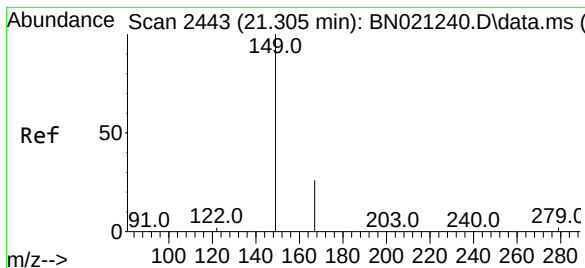
Ion Ratio Lower Upper

244 100

212 9.9 8.3 12.5

122 0.0 0.0 0.0

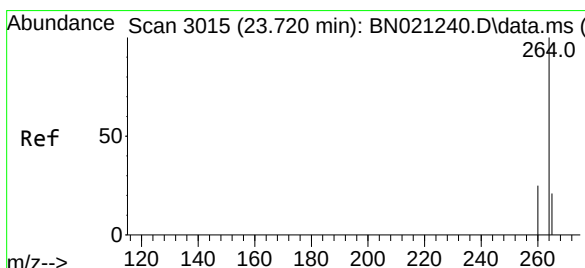
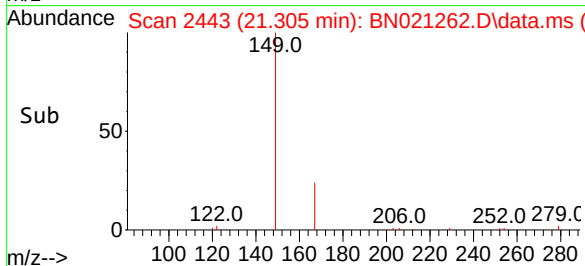
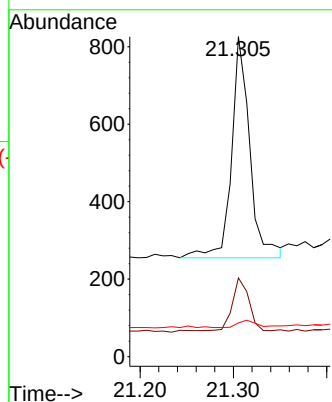
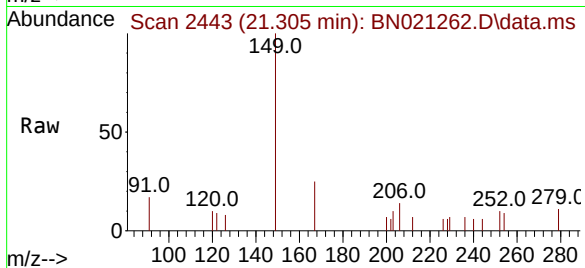




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.048 ng
 RT: 21.305 min Scan# 2443
 Delta R.T. -0.000 min
 Lab File: BN021262.D
 Acq: 16 Aug 2022 19:10

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20220809

Tgt Ion:	149	Resp:	778
Ion Ratio	Lower	Upper	
149	100		
167	22.0	20.6	31.0
279	3.5	2.4	3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.726 min Scan# 3017
 Delta R.T. 0.006 min
 Lab File: BN021262.D
 Acq: 16 Aug 2022 19:10

Tgt Ion:	264	Resp:	5460
Ion Ratio	Lower	Upper	
264	100		
260	26.7	21.4	32.2
265	44.3	34.3	51.5

