

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020823\
 Data File : BN023995.D
 Acq On : 08 Feb 2023 18:34
 Operator : CG/JU
 Sample : 01480-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L57-020723-FD

Quant Time: Feb 09 01:23:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 02:37:27 2023
 Response via : Initial Calibration

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

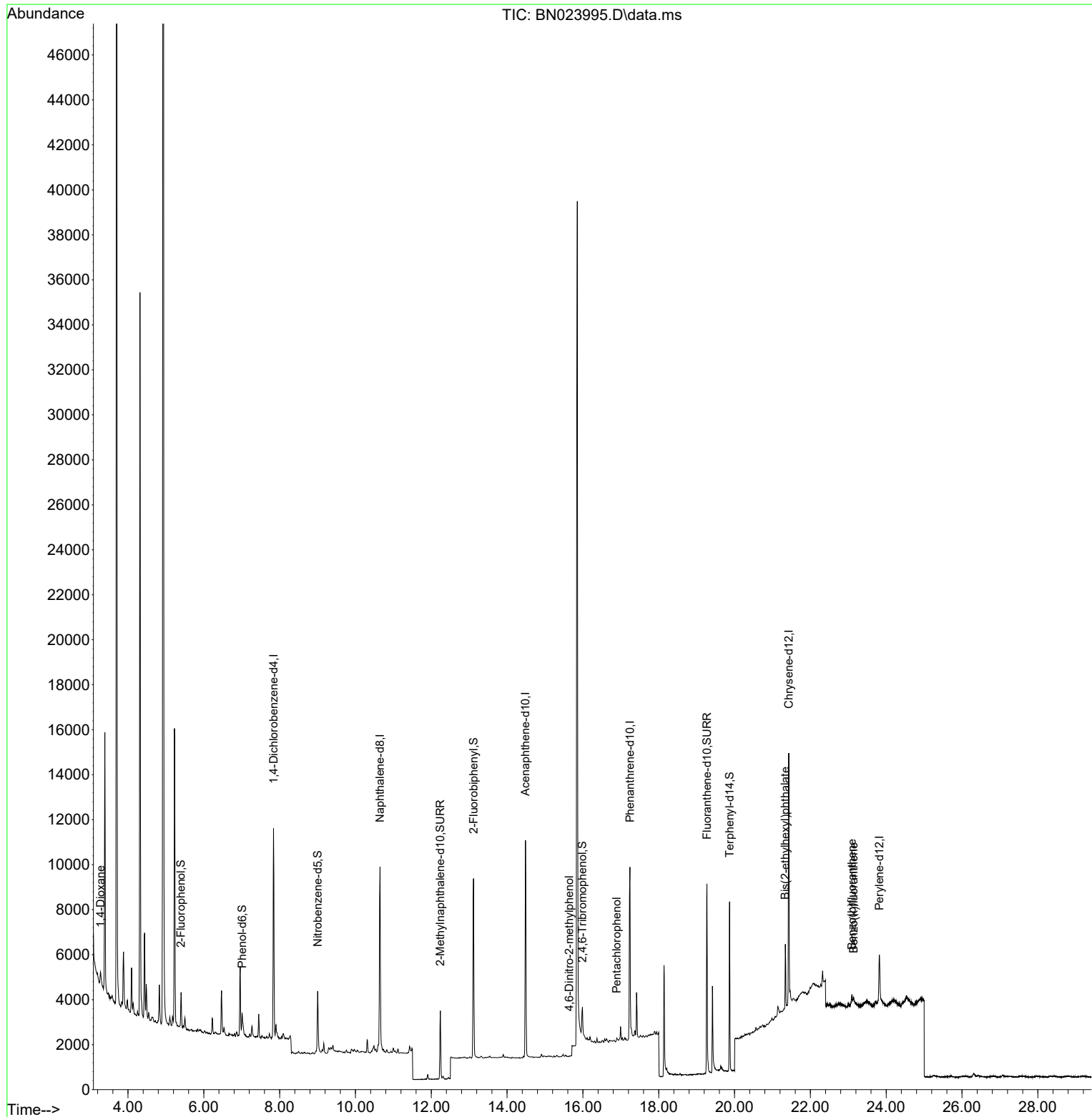
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4449	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10947	0.400	ng	0.00
13) Acenaphthene-d10	14.485	164	5604	0.400	ng	0.00
19) Phenanthrene-d10	17.241	188	12029	0.400	ng	0.00
29) Chrysene-d12	21.428	240	10110	0.400	ng	0.00
35) Perylene-d12	23.819	264	2791	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1227	0.133	ng	0.00
5) Phenol-d6	7.009	99	836	0.077	ng	0.00
8) Nitrobenzene-d5	9.003	82	2330	0.265	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	4066	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.987	330	859	0.298	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	7221	0.326	ng	0.00
27) Fluoranthene-d10	19.271	212	9282	0.318	ng	0.00
31) Terphenyl-d14	19.869	244	7842	0.416	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.276	88	474	0.112	ng	# 54
20) 4,6-Dinitro-2-methylph...	15.639	198	11	0.197	ng	# 1
24) Pentachlorophenol	16.893	266	43	0.177	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.339	149	2921	0.198	ng	# 96
37) Benzo(b)fluoranthene	23.094	252	372	0.033	ng	# 1
38) Benzo(k)fluoranthene	23.138	252	228	0.020	ng	# 1

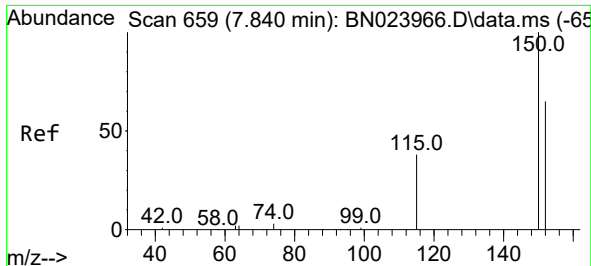
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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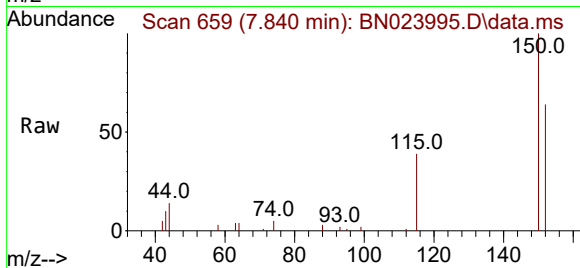
Quant Time: Feb 09 01:23:21 2023
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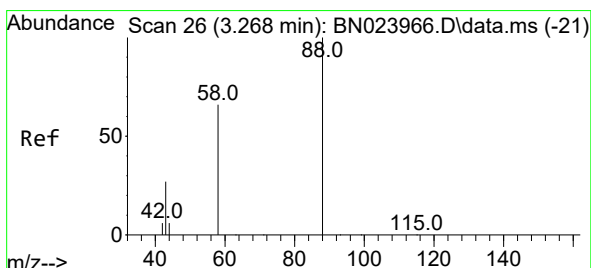
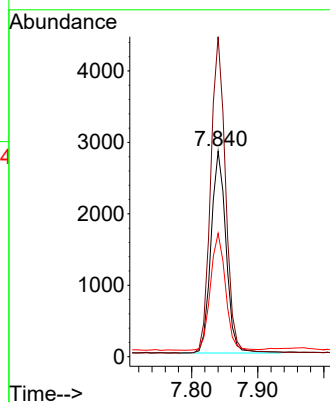
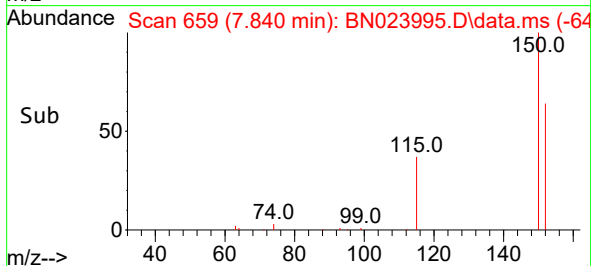


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN023995.D
 Acq: 08 Feb 2023 18:34

Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L57-020723-FD

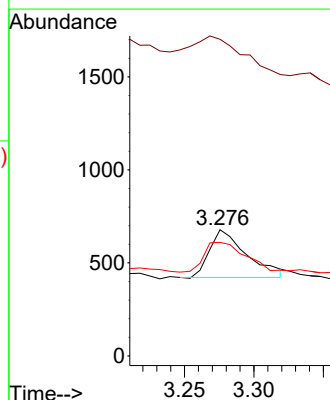
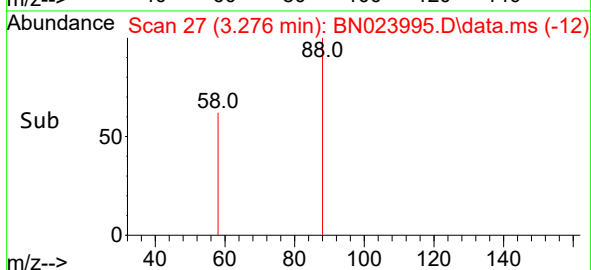
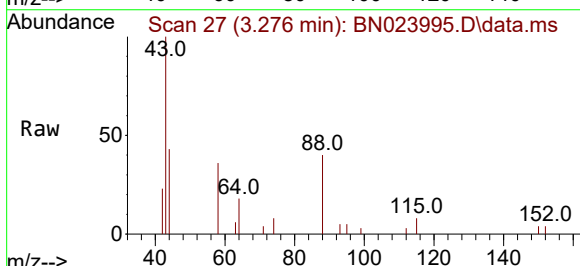


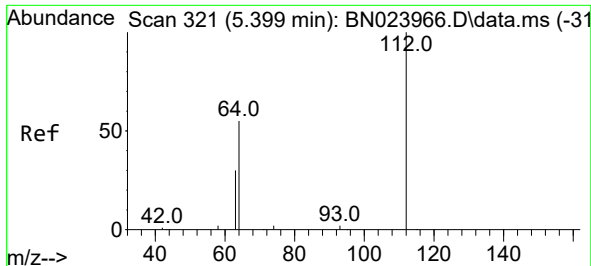
Tgt Ion:152 Resp: 4449
 Ion Ratio Lower Upper
 152 100
 150 155.7 121.8 182.6
 115 60.1 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.112 ng
 RT: 3.276 min Scan# 27
 Delta R.T. 0.007 min
 Lab File: BN023995.D
 Acq: 08 Feb 2023 18:34

Tgt Ion: 88 Resp: 474
 Ion Ratio Lower Upper
 88 100
 43 105.9 23.7 35.5#
 58 69.4 53.4 80.2

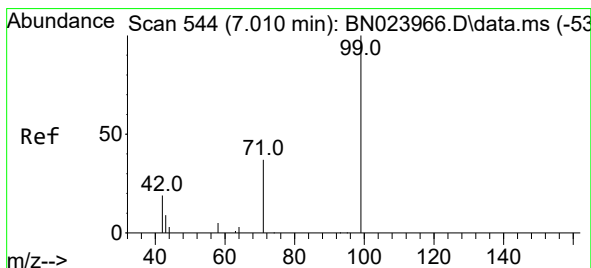
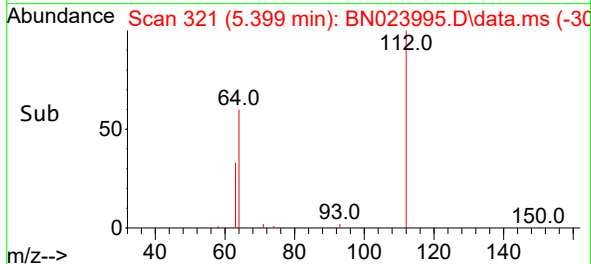
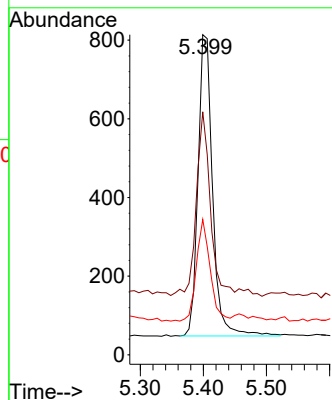
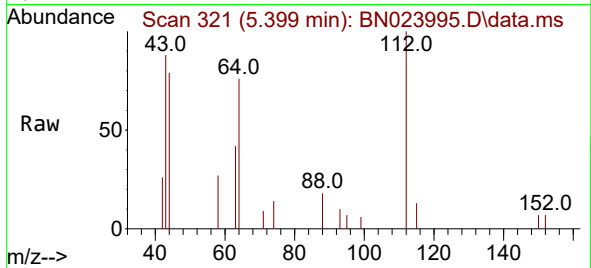




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.399 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

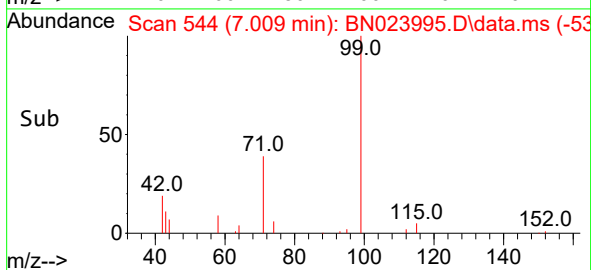
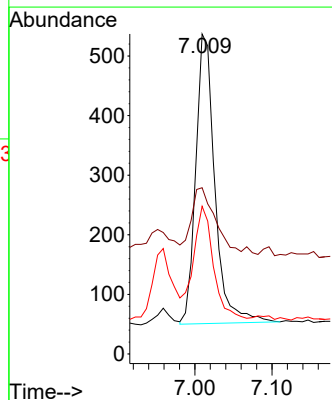
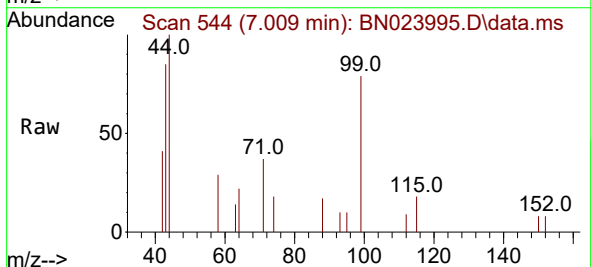
Instrument :
BNA_N
ClientSampleId :
PW-B6-L57-020723-FD

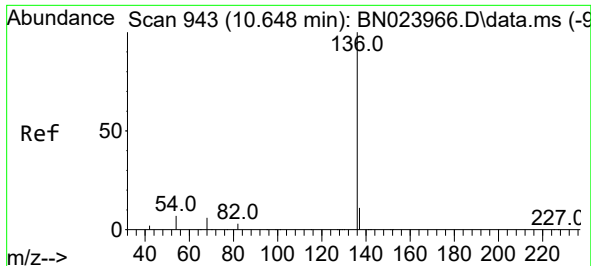
Tgt Ion:	112	Resp:	1227
Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.8	67.2
63	31.8	25.1	37.7



#5
Phenol-d6
Concen: 0.077 ng
RT: 7.009 min Scan# 544
Delta R.T. 0.000 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

Tgt Ion:	99	Resp:	836
Ion	Ratio	Lower	Upper
99	100		
42	29.7	17.0	25.6
71	40.7	29.0	43.4

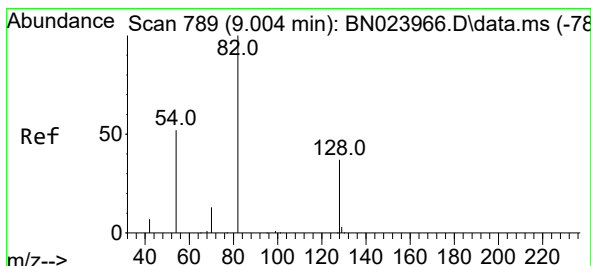
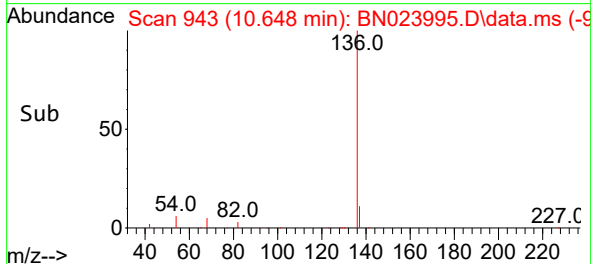
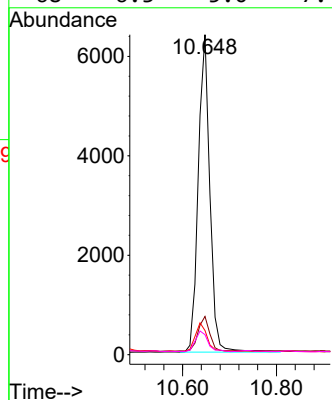
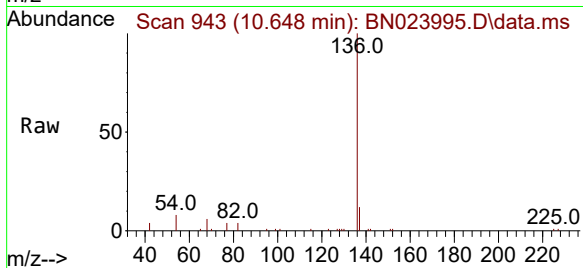




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

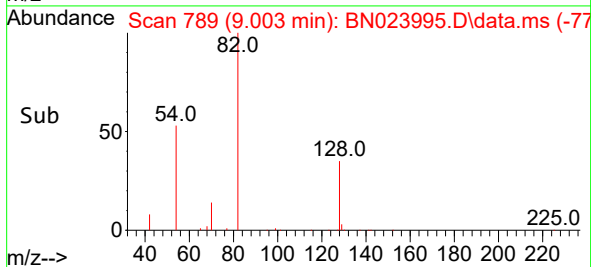
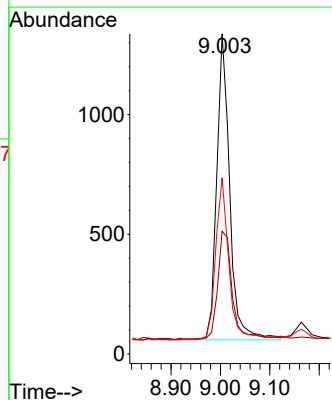
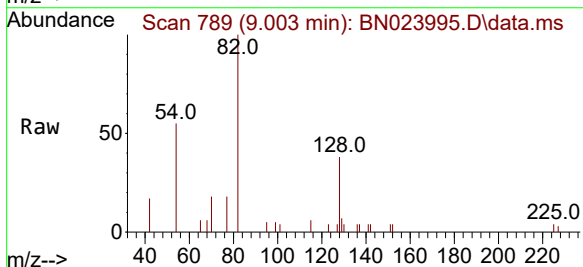
Instrument :
BNA_N
ClientSampleId :
PW-B6-L57-020723-FD

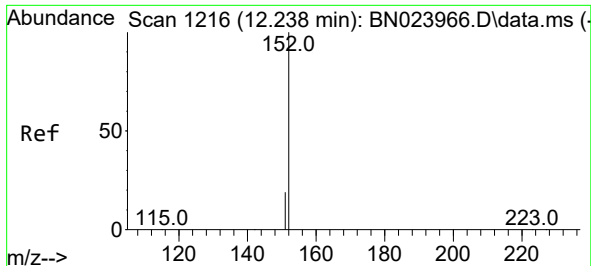
Tgt Ion:	136	Resp:	10947
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.1	13.7
54	7.6	5.8	8.8
68	6.3	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

Tgt Ion:	82	Resp:	2330
Ion Ratio	Lower	Upper	
82	100		
128	38.4	31.5	47.3
54	55.0	42.8	64.2

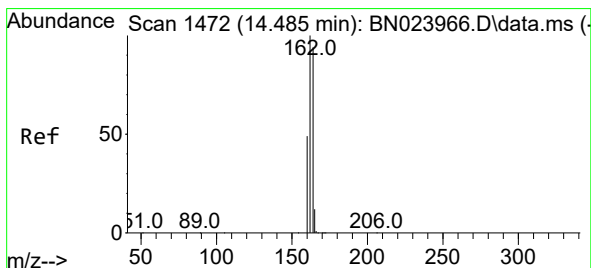
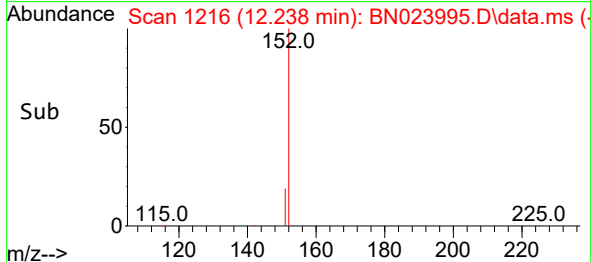
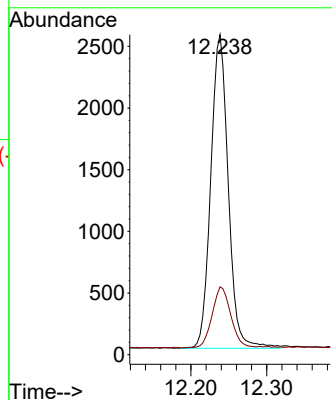
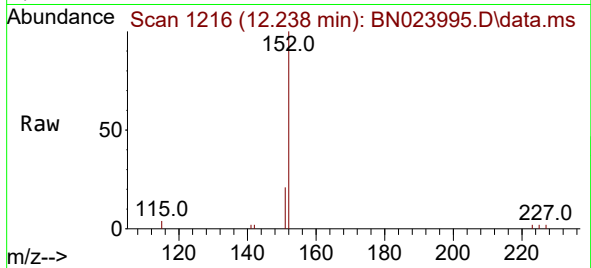




#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

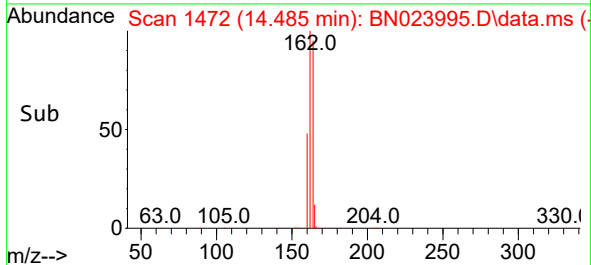
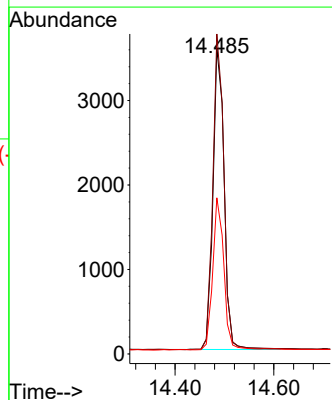
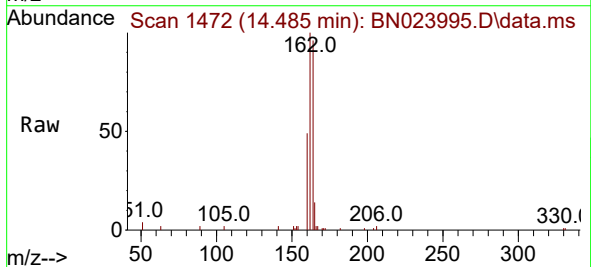
Instrument :
BNA_N
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PW-B6-L57-020723-FD

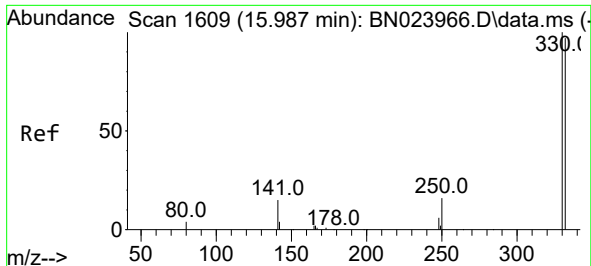
Tgt Ion:152 Resp: 4066
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

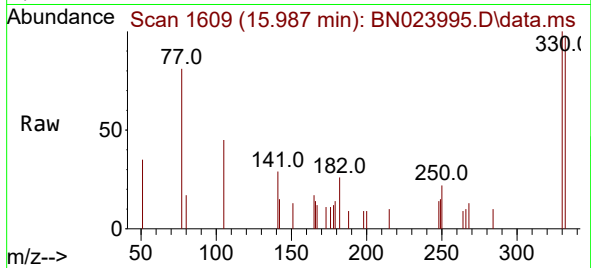
Tgt Ion:164 Resp: 5604
Ion Ratio Lower Upper
164 100
162 104.7 84.8 127.2
160 51.1 42.0 63.0



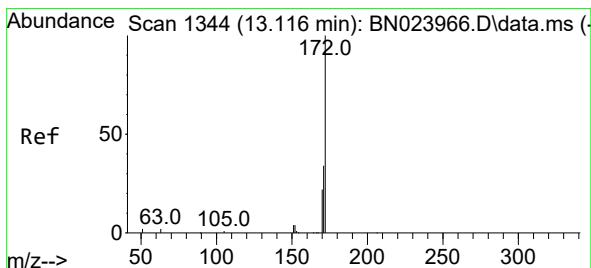
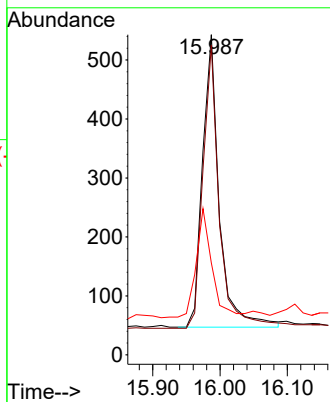
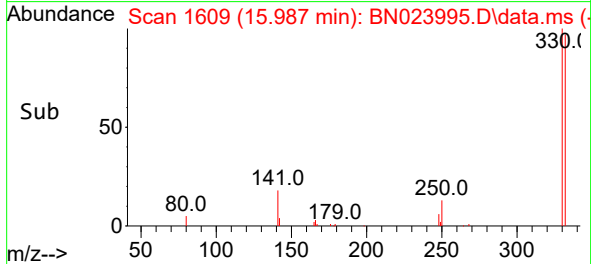


#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.987 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

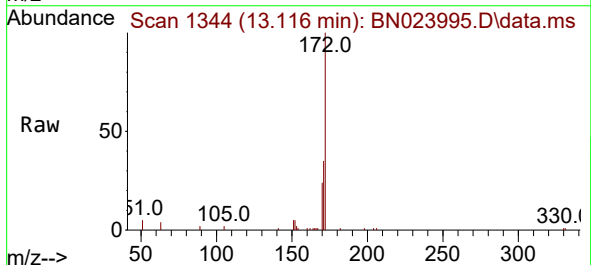
Instrument :
BNA_N
ClientSampleId :
PW-B6-L57-020723-FD



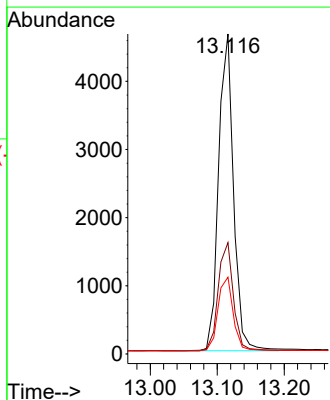
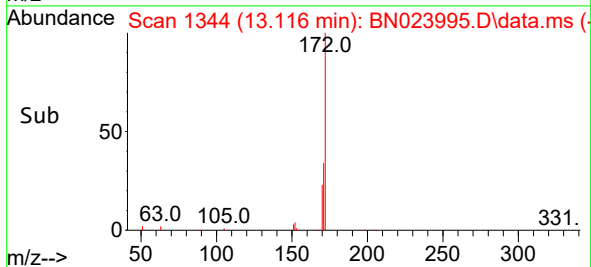
Tgt Ion:330 Resp: 859
Ion Ratio Lower Upper
330 100
332 94.9 77.7 116.5
141 35.5 26.6 39.8

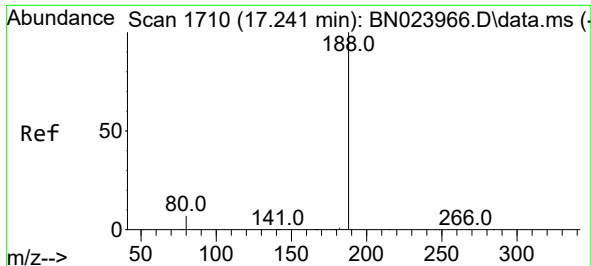


#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.116 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34



Tgt Ion:172 Resp: 7221
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.2
170 24.0 18.2 27.4

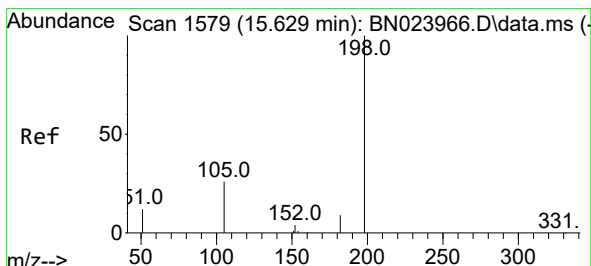
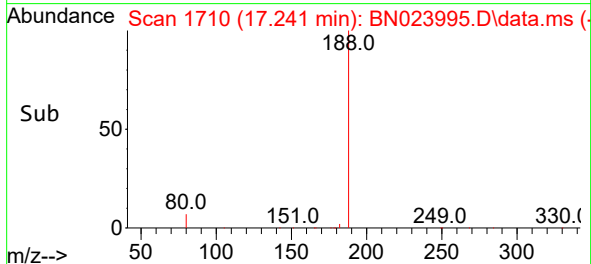
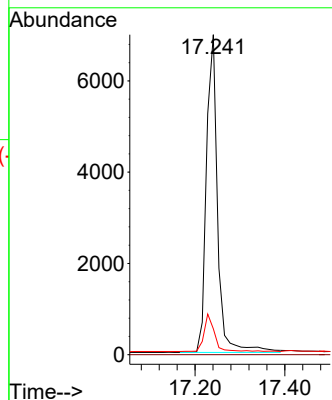
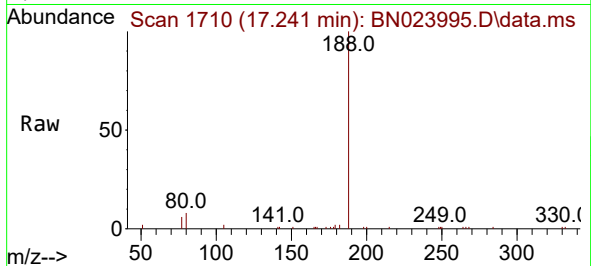




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.241 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

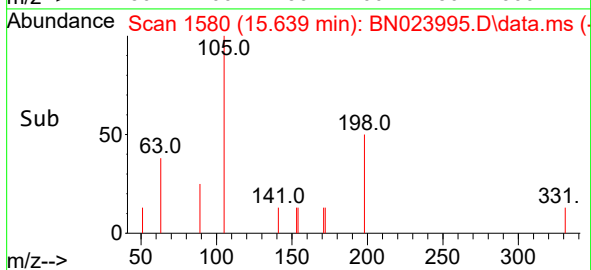
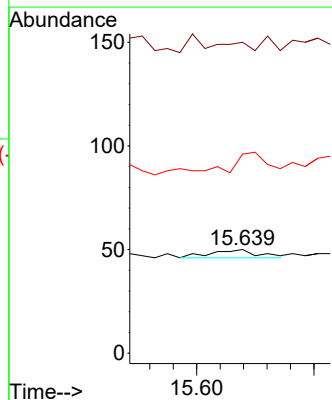
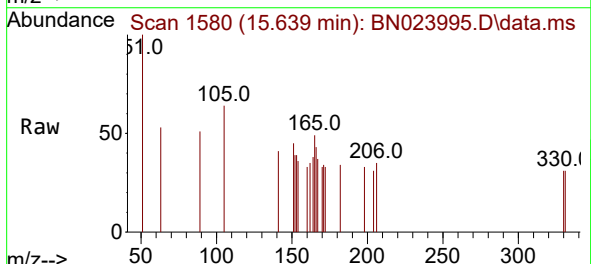
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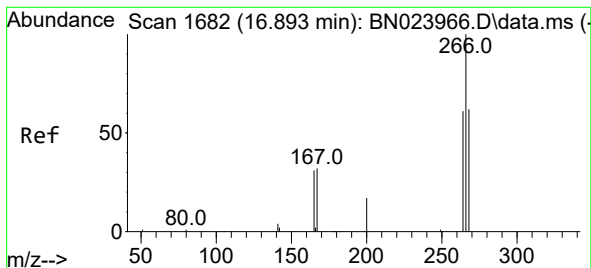
Tgt Ion:188 Resp: 12029
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.197 ng
RT: 15.639 min Scan# 1580
Delta R.T. 0.011 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 300.0 36.8 55.2#
105 192.0 28.8 43.2#





#24

Pentachlorophenol

Concen: 0.177 ng

RT: 16.893 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN023995.D

Acq: 08 Feb 2023 18:34

Instrument :

BNA_N

ClientSampleId :

PW-B6-L57-020723-FD

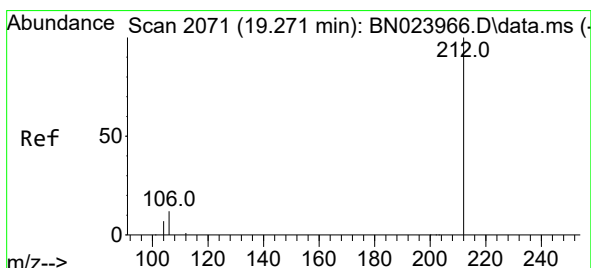
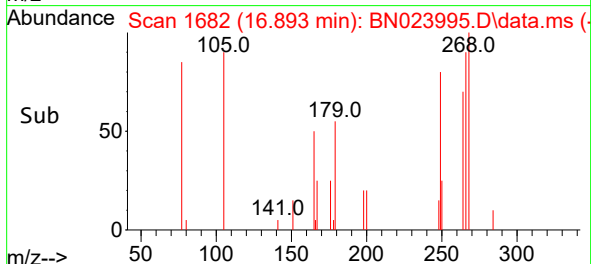
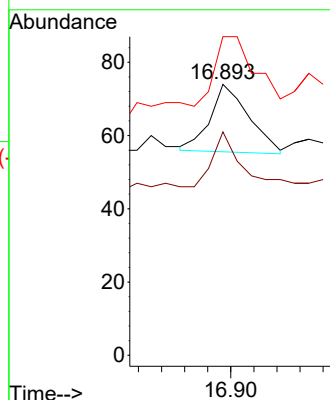
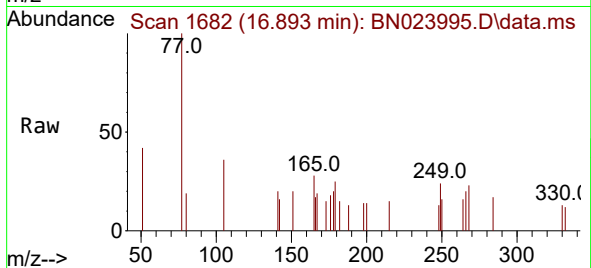
Tgt Ion:266 Resp: 43

Ion Ratio Lower Upper

266 100

264 62.8 47.6 71.4

268 111.6 47.5 71.3#



#27

Fluoranthene-d10

Concen: 0.318 ng

RT: 19.271 min Scan# 2071

Delta R.T. 0.000 min

Lab File: BN023995.D

Acq: 08 Feb 2023 18:34

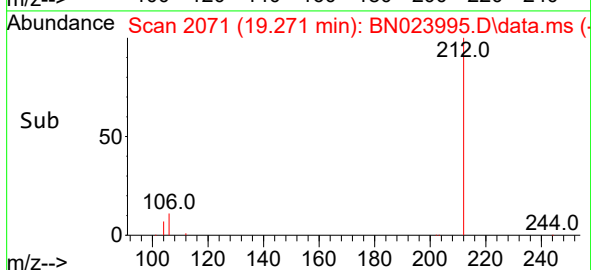
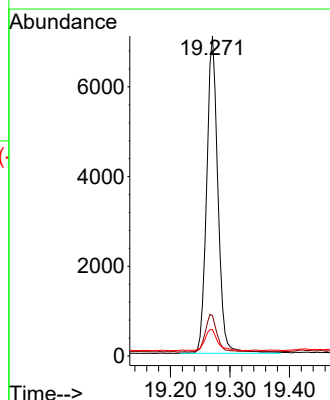
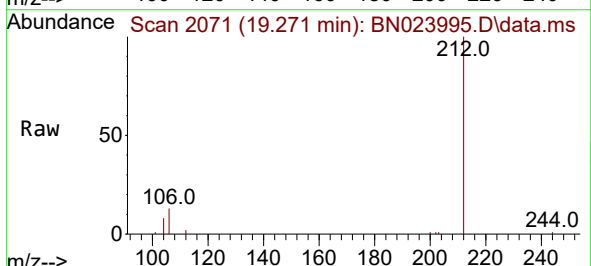
Tgt Ion:212 Resp: 9282

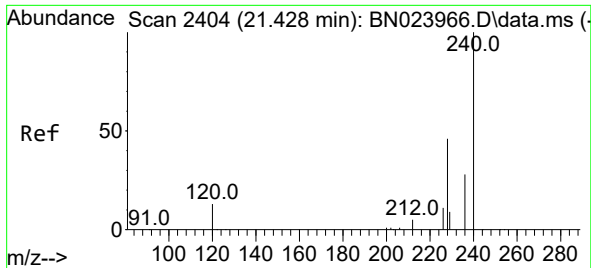
Ion Ratio Lower Upper

212 100

106 12.2 9.2 13.8

104 7.4 5.7 8.5

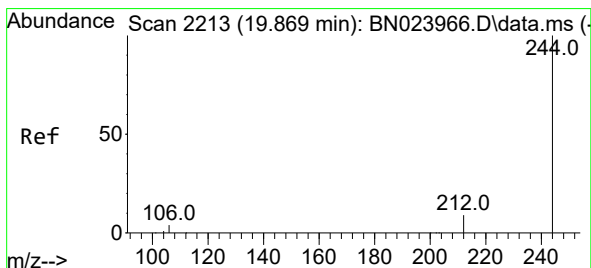
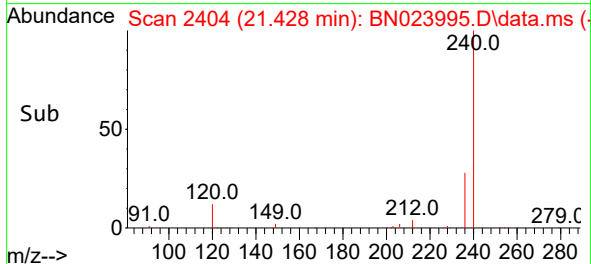
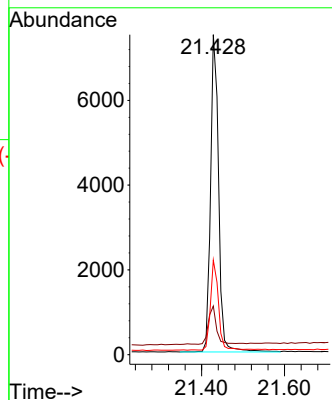
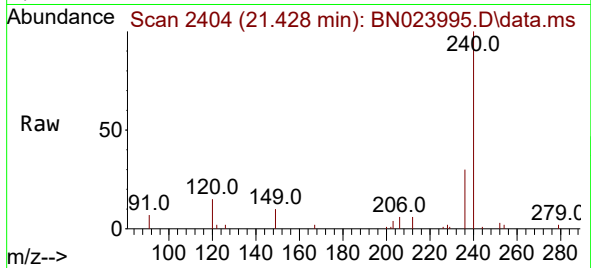




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.428 min Scan# 2404
Delta R.T. -0.004 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

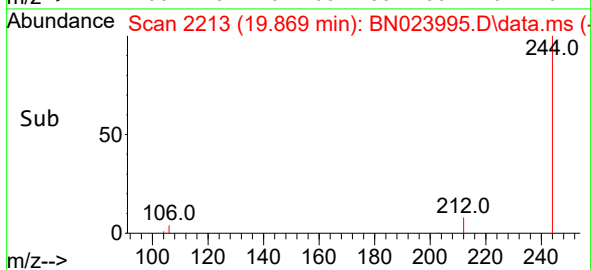
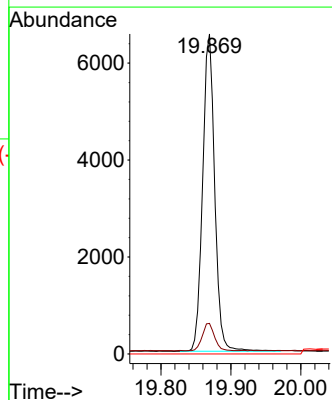
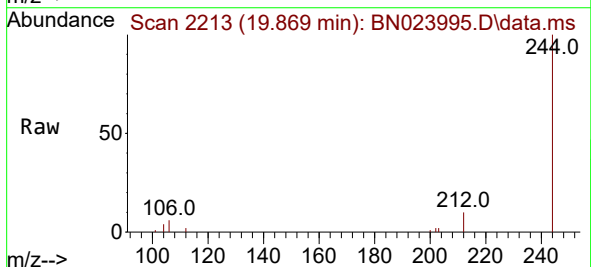
Instrument :
BNA_N
ClientSampleId :
PW-B6-L57-020723-FD

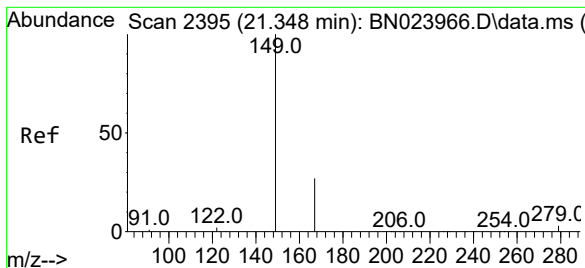
Tgt Ion:240 Resp: 10110
Ion Ratio Lower Upper
240 100
120 15.2 11.4 17.0
236 29.5 23.2 34.8



#31
Terphenyl-d14
Concen: 0.416 ng
RT: 19.869 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

Tgt Ion:244 Resp: 7842
Ion Ratio Lower Upper
244 100
212 9.5 7.7 11.5
122 0.0 0.0 0.0

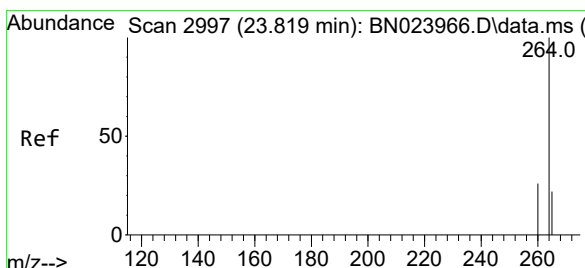
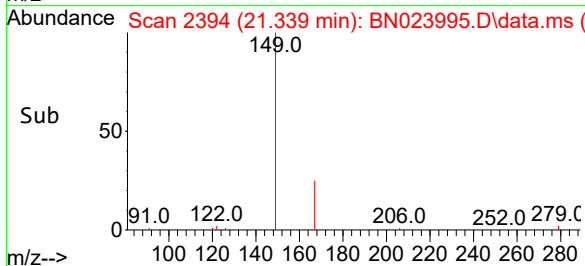
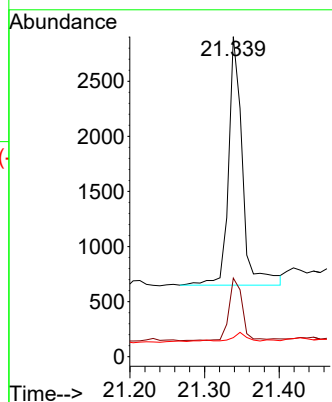
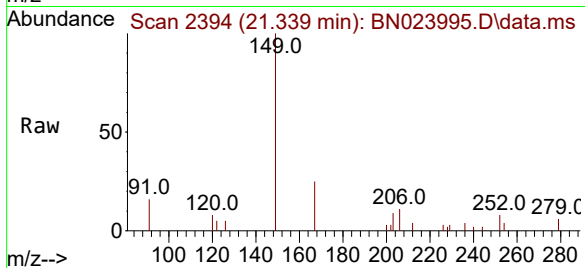




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.198 ng
 RT: 21.339 min Scan# 21339
 Delta R.T. -0.004 min
 Lab File: BN023995.D
 Acq: 08 Feb 2023 18:34

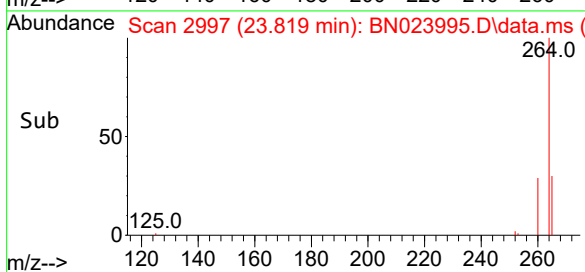
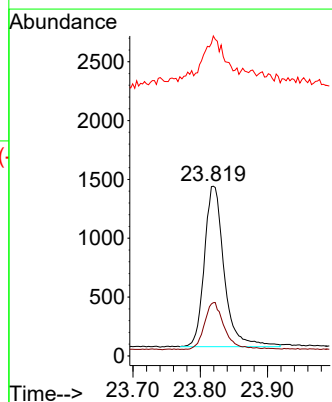
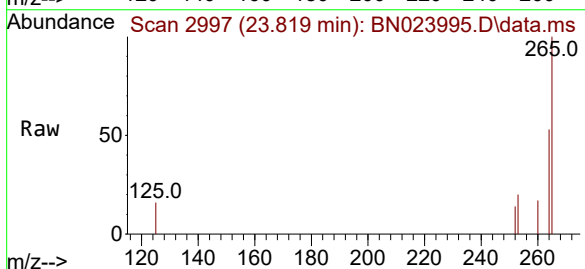
Instrument :
 BNA_N
 ClientSampleId :
 PW-B6-L57-020723-FD

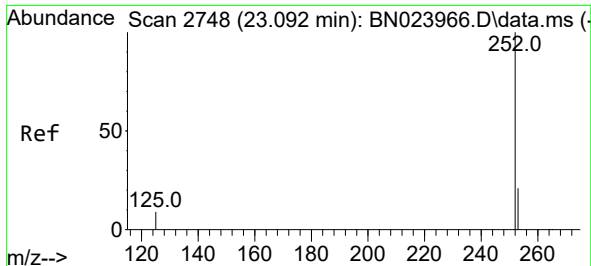
Tgt Ion:149 Resp: 2921
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.1 31.7
 279 3.0 3.1 4.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.819 min Scan# 2997
 Delta R.T. 0.011 min
 Lab File: BN023995.D
 Acq: 08 Feb 2023 18:34

Tgt Ion:264 Resp: 2791
 Ion Ratio Lower Upper
 264 100
 260 31.4 21.4 32.0
 265 188.6 41.4 62.0#

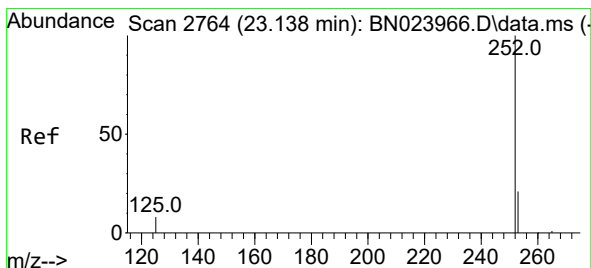
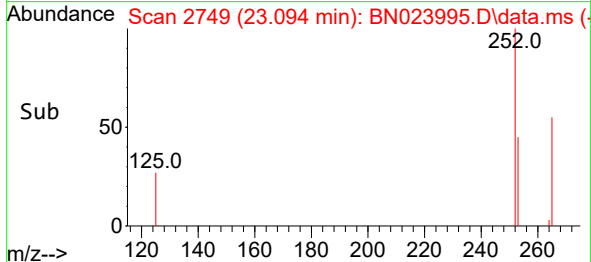
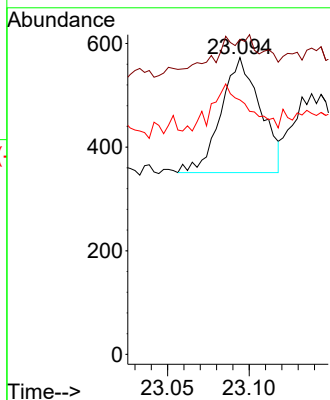
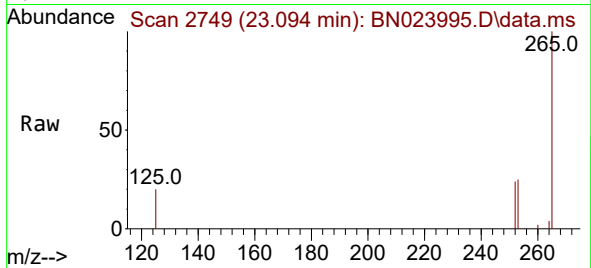




#37
Benzo(b)fluoranthene
Concen: 0.033 ng
RT: 23.094 min Scan# 21
Delta R.T. 0.011 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

Instrument :
BNA_N
ClientSampleId :
PW-B6-L57-020723-FD

Tgt Ion:252 Resp: 372
Ion Ratio Lower Upper
252 100
253 106.1 19.8 29.6#
125 85.7 9.4 14.0#



#38
Benzo(k)fluoranthene
Concen: 0.020 ng
RT: 23.138 min Scan# 2764
Delta R.T. 0.005 min
Lab File: BN023995.D
Acq: 08 Feb 2023 18:34

Tgt Ion:252 Resp: 228
Ion Ratio Lower Upper
252 100
253 117.5 20.2 30.2#
125 92.4 9.0 13.4#

