

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022954.D
 Acq On : 29 Nov 2022 15:49
 Operator : CG/JU
 Sample : N5671-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20221115

Quant Time: Nov 30 08:21:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

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

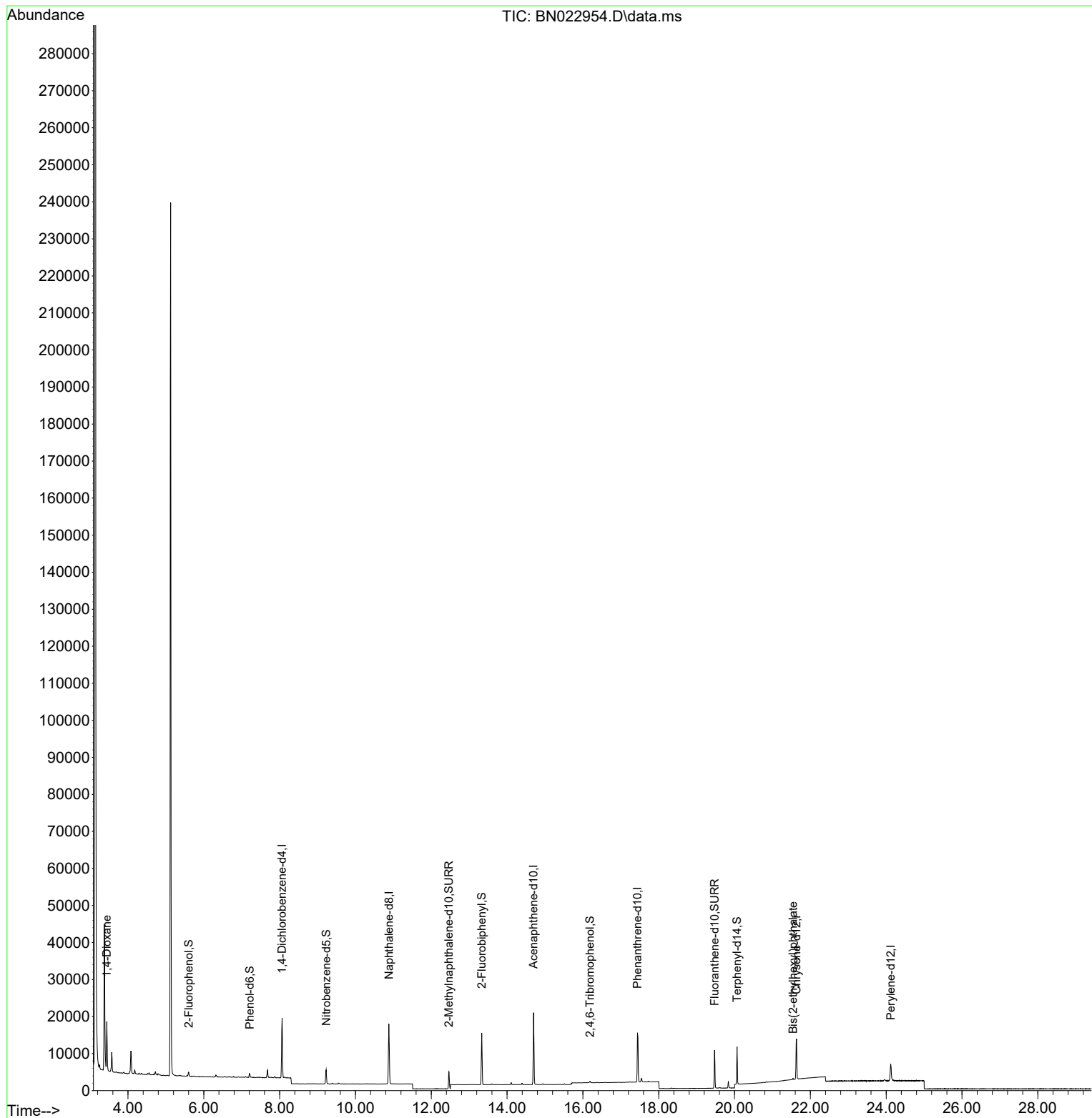
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	7433	0.400	ng	0.00
7) Naphthalene-d8	10.883	136	20361	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	10014	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	19731	0.400	ng	# 0.00
29) Chrysene-d12	21.634	240	10339	0.400	ng	# 0.00
35) Perylene-d12	24.121	264	7079	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	876	0.045	ng	0.00
5) Phenol-d6	7.212	99	866	0.035	ng	0.00
8) Nitrobenzene-d5	9.228	82	3016	0.191	ng	0.00
11) 2-Methylnaphthalene-d10	12.465	152	6803	0.154	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	247	0.051	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	11176	0.244	ng	0.00
27) Fluoranthene-d10	19.473	212	10822	0.202	ng	0.00
31) Terphenyl-d14	20.067	244	8011	0.330	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	7789	0.826	ng	99
34) Bis(2-ethylhexyl)phtha...	21.545	149	563	0.034	ng	# 87

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

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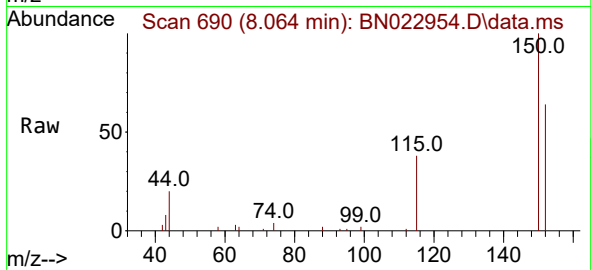
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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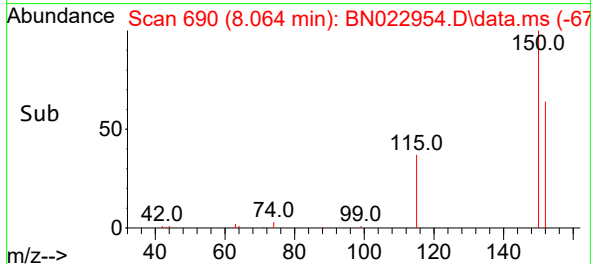
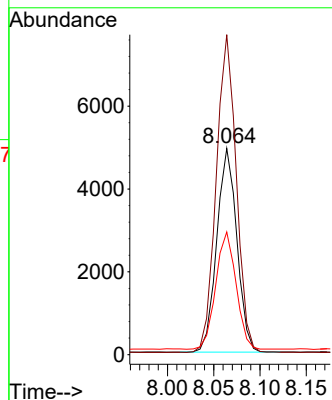


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022954.D
 Acq: 29 Nov 2022 15:49

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20221115

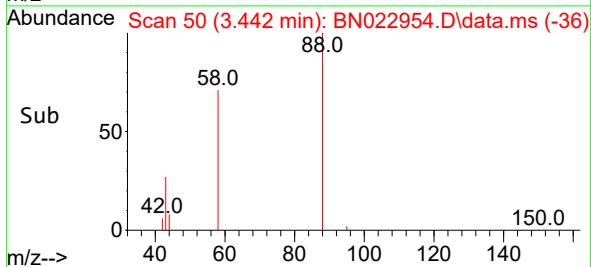
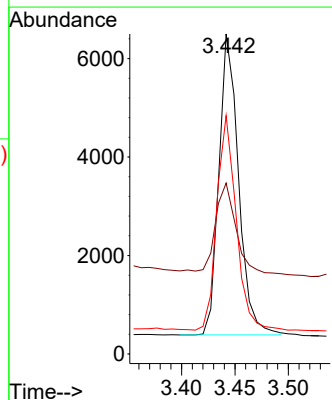
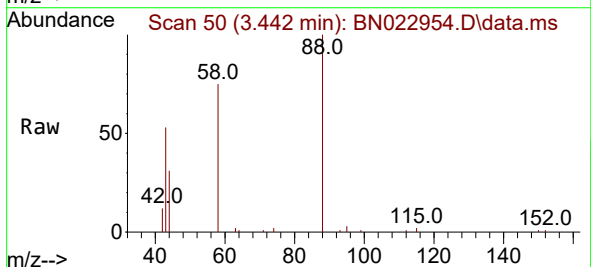


Tgt Ion:152 Resp: 7433
 Ion Ratio Lower Upper
 152 100
 150 155.1 121.2 181.8
 115 59.5 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.826 ng
 RT: 3.442 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN022954.D
 Acq: 29 Nov 2022 15:49

Tgt Ion: 88 Resp: 7789
 Ion Ratio Lower Upper
 88 100
 43 31.0 25.4 38.2
 58 69.9 56.5 84.7

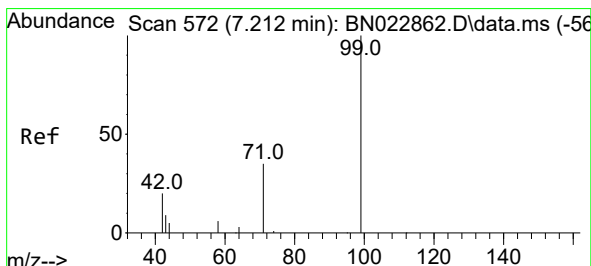
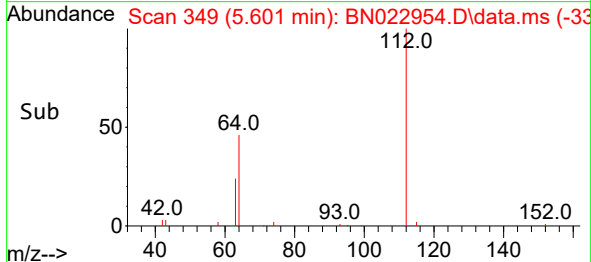
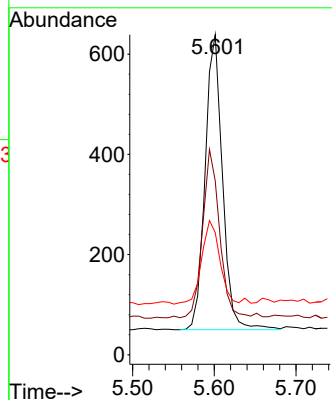
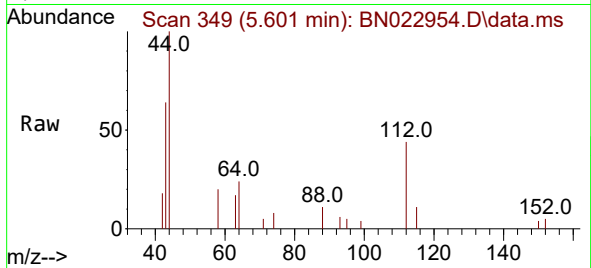




#4
2-Fluorophenol
Concen: 0.045 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022954.D
Acq: 29 Nov 2022 15:49

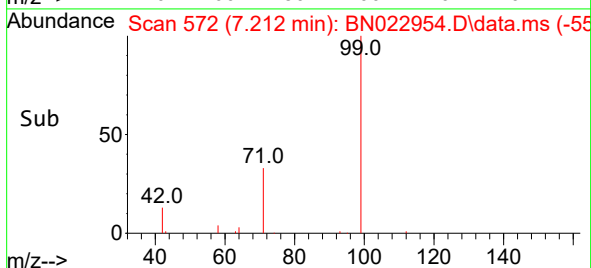
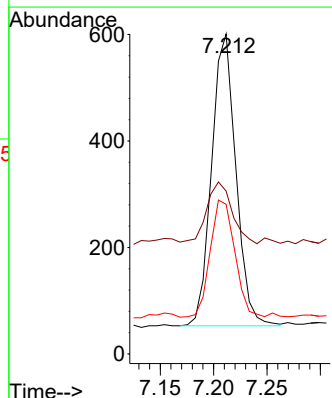
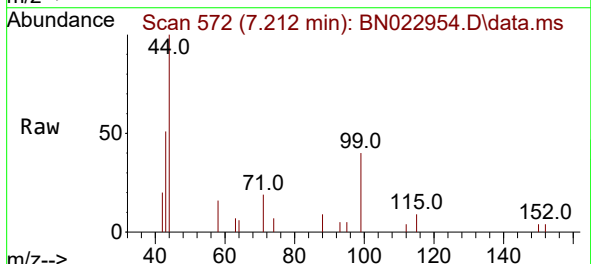
Instrument :
BNA_N
ClientSampleId :
RE134D4-20221115

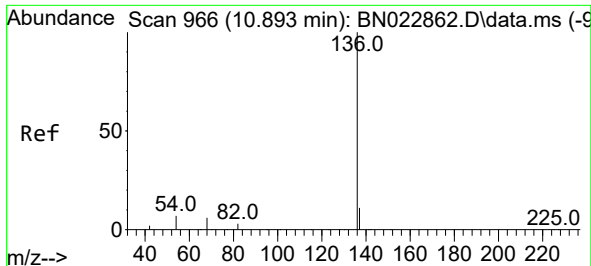
Tgt Ion:112 Resp: 876
Ion Ratio Lower Upper
112 100
64 56.2 43.4 65.2
63 29.5 23.4 35.2



#5
Phenol-d6
Concen: 0.035 ng
RT: 7.212 min Scan# 572
Delta R.T. 0.008 min
Lab File: BN022954.D
Acq: 29 Nov 2022 15:49

Tgt Ion: 99 Resp: 866
Ion Ratio Lower Upper
99 100
42 22.4 16.0 24.0
71 41.5 26.8 40.2#

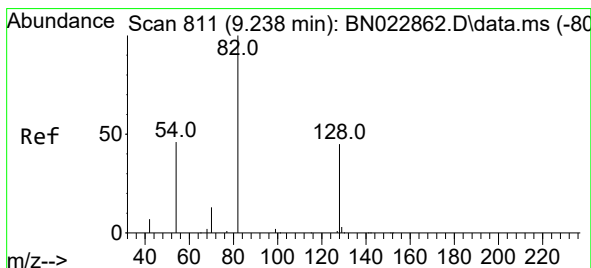
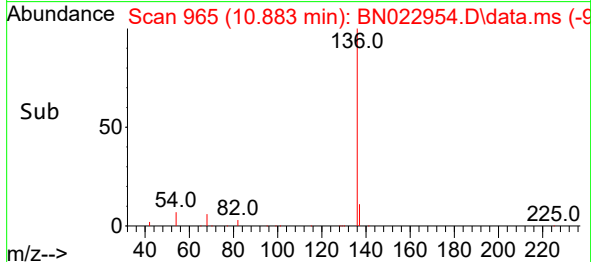
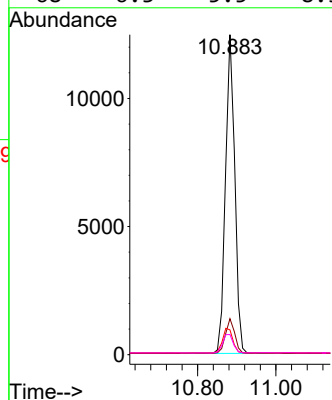
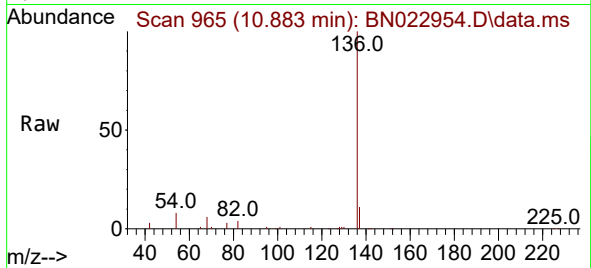




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022954.D
Acq: 29 Nov 2022 15:49

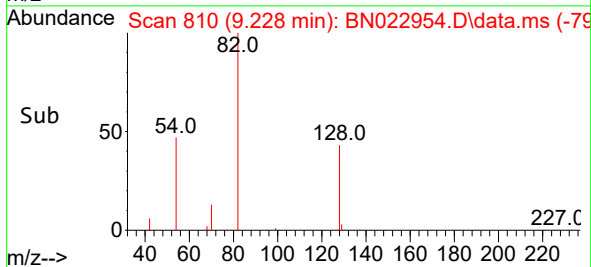
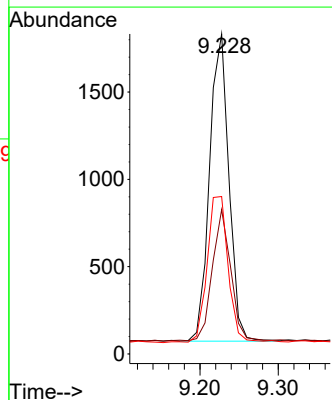
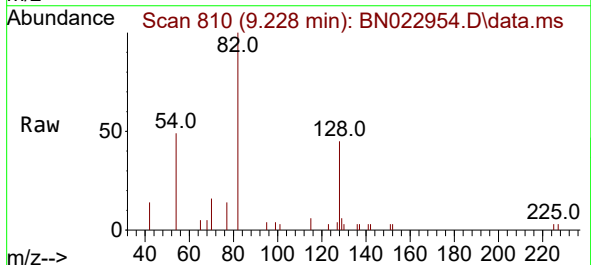
Instrument :
BNA_N
ClientSampleId :
RE134D4-20221115

Tgt Ion:	136	Resp:	20361
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	7.8	6.6	9.8
68	6.3	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.191 ng
RT: 9.228 min Scan# 810
Delta R.T. 0.000 min
Lab File: BN022954.D
Acq: 29 Nov 2022 15:49

Tgt Ion:	82	Resp:	3016
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.6	54.8
54	49.2	38.5	57.7

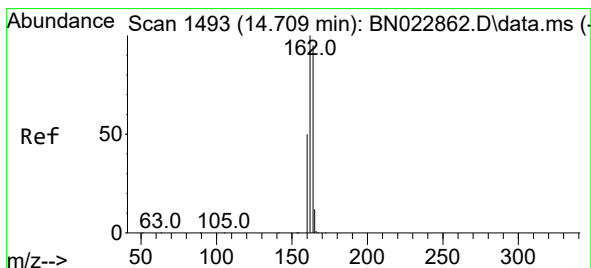
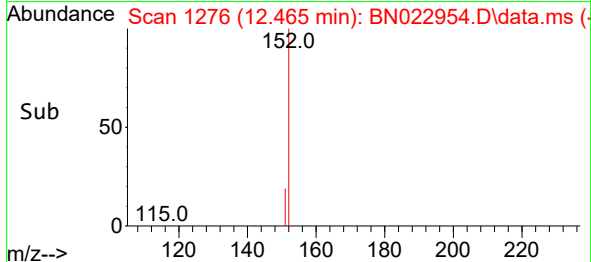
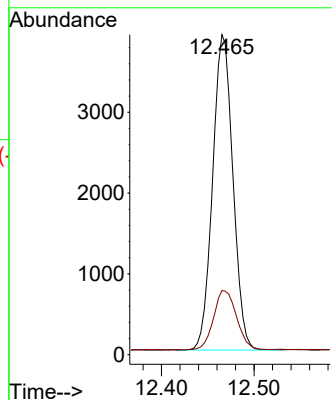
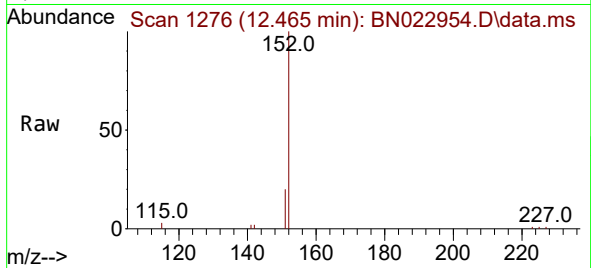




#11
2-Methylnaphthalene-d10
Concen: 0.154 ng
RT: 12.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022954.D
Acq: 29 Nov 2022 15:49

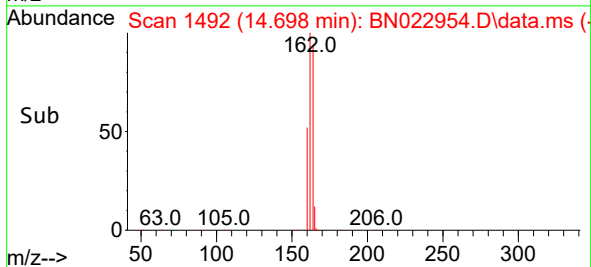
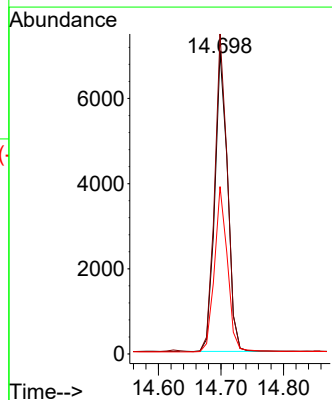
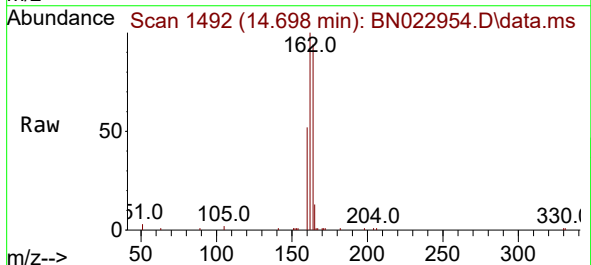
Instrument :
BNA_N
ClientSampleId :
RE134D4-20221115

Tgt Ion:152 Resp: 6803
Ion Ratio Lower Upper
152 100
151 20.2 18.6 27.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022954.D
Acq: 29 Nov 2022 15:49

Tgt Ion:164 Resp: 10014
Ion Ratio Lower Upper
164 100
162 105.9 84.2 126.4
160 55.4 42.5 63.7

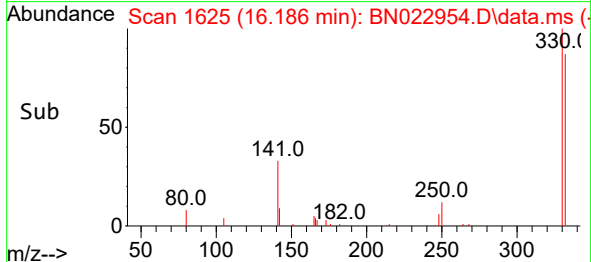
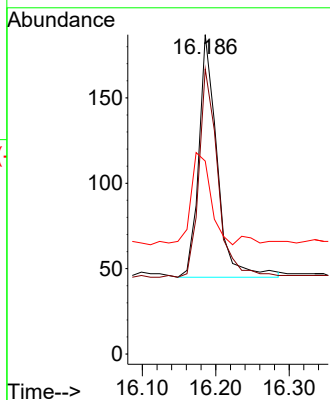
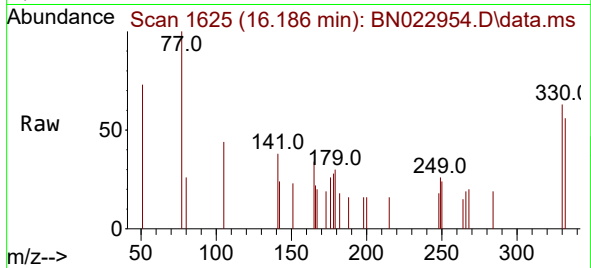




#14
2,4,6-Tribromophenol
Concen: 0.051 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022954.D
Acq: 29 Nov 2022 15:49

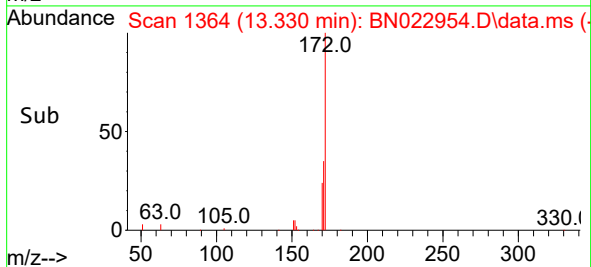
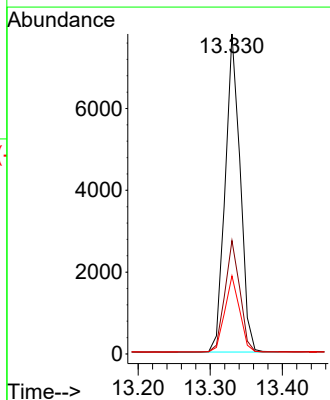
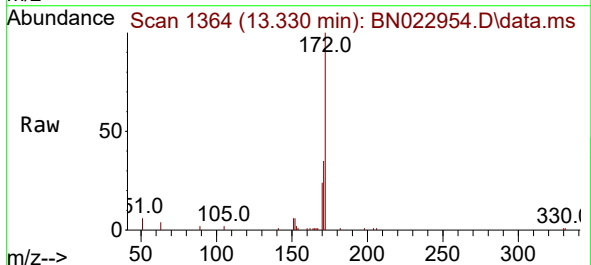
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BNA_N
ClientSampleId :
RE134D4-20221115

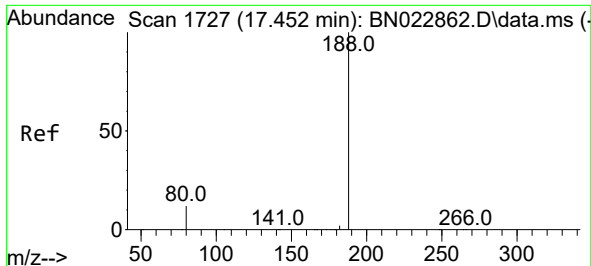
Tgt Ion:330 Resp: 247
Ion Ratio Lower Upper
330 100
332 87.9 76.5 114.7
141 41.3 32.6 48.8



#15
2-Fluorobiphenyl
Concen: 0.244 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN022954.D
Acq: 29 Nov 2022 15:49

Tgt Ion:172 Resp: 11176
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 24.4 19.3 28.9

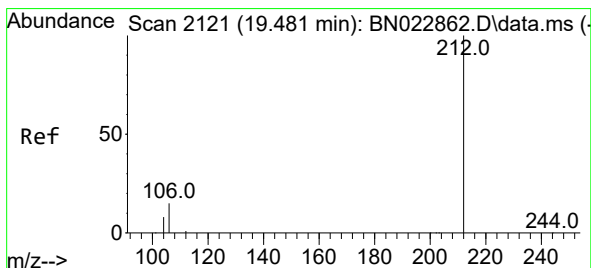
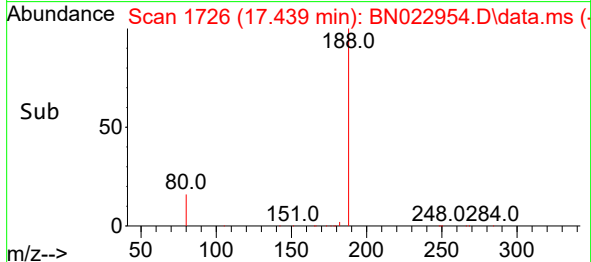
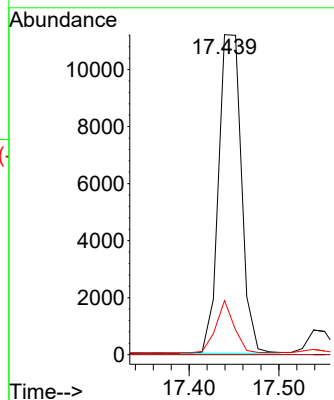
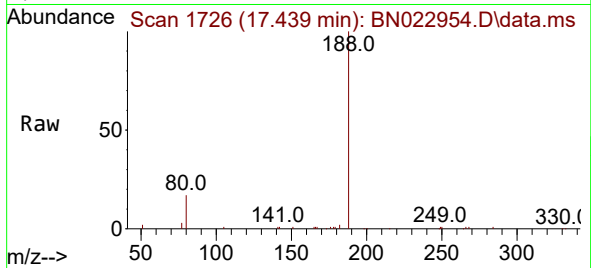




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BN022954.D
Acq: 29 Nov 2022 15:49

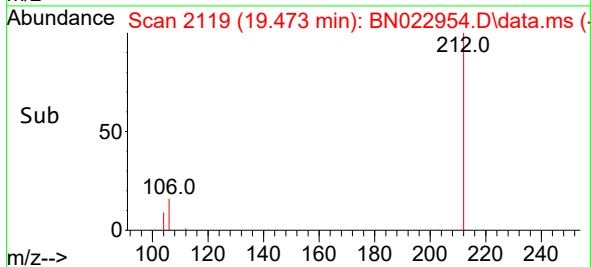
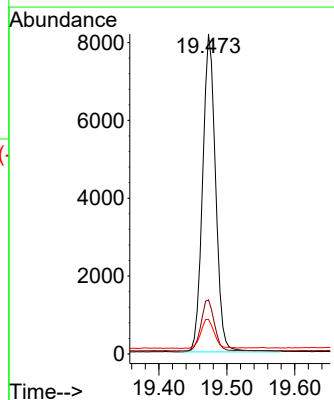
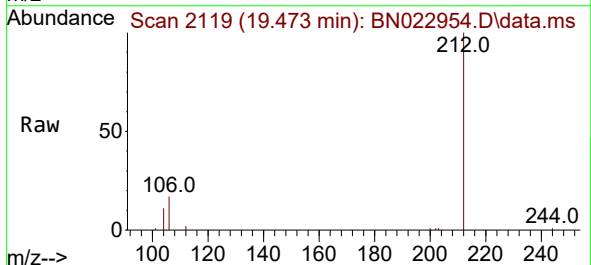
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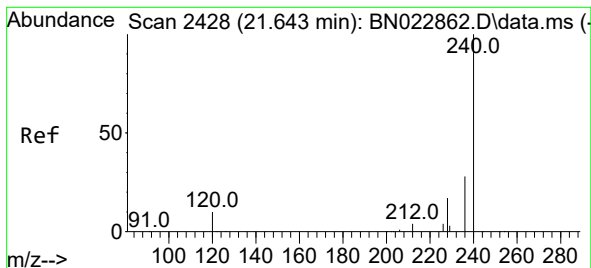
Tgt Ion:188 Resp: 19731
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.9 10.3 15.5#



#27
Fluoranthene-d10
Concen: 0.202 ng
RT: 19.473 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN022954.D
Acq: 29 Nov 2022 15:49

Tgt Ion:212 Resp: 10822
Ion Ratio Lower Upper
212 100
106 16.5 12.3 18.5
104 9.5 7.0 10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.634 min Scan# 2427

Delta R.T. 0.005 min

Lab File: BN022954.D

Acq: 29 Nov 2022 15:49

Instrument :

BNA_N

ClientSampleId :

RE134D4-20221115

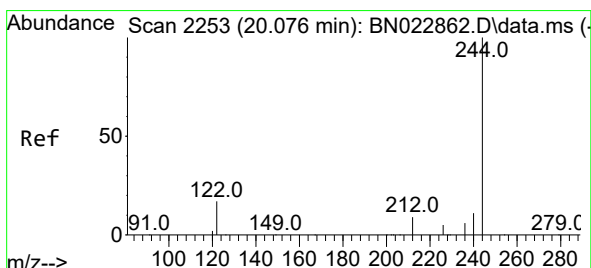
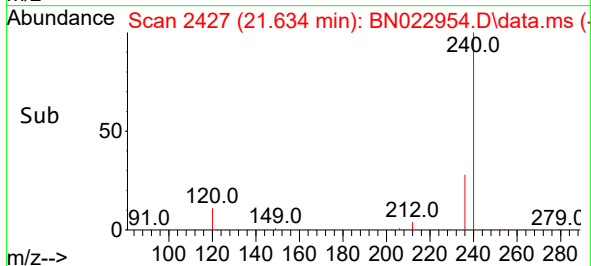
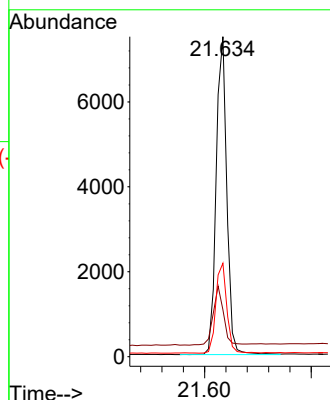
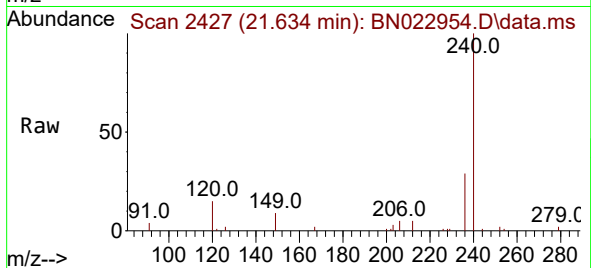
Tgt Ion:240 Resp: 10339

Ion Ratio Lower Upper

240 100

120 14.6 9.2 13.8#

236 29.2 22.6 34.0



#31

Terphenyl-d14

Concen: 0.330 ng

RT: 20.067 min Scan# 2252

Delta R.T. 0.005 min

Lab File: BN022954.D

Acq: 29 Nov 2022 15:49

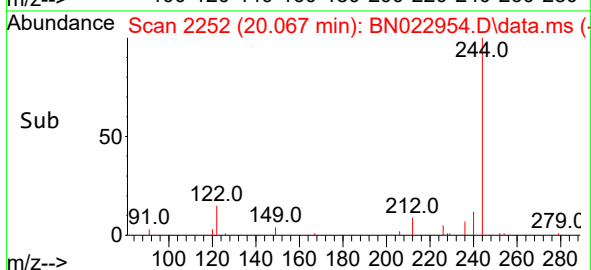
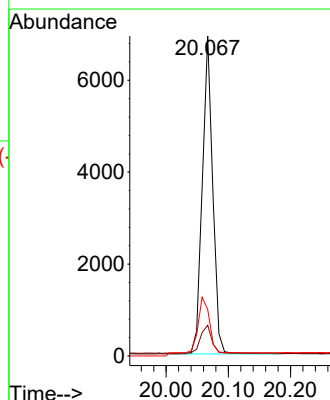
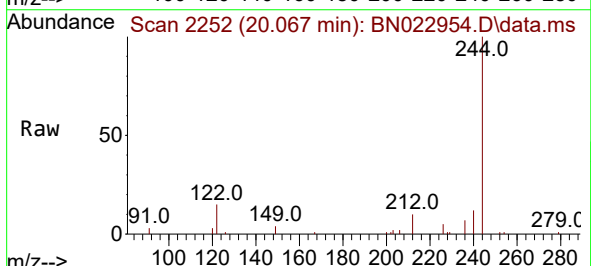
Tgt Ion:244 Resp: 8011

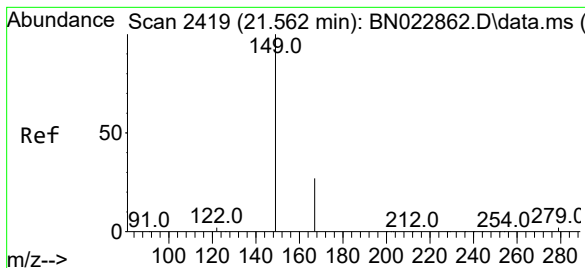
Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

122 14.5 13.9 20.9

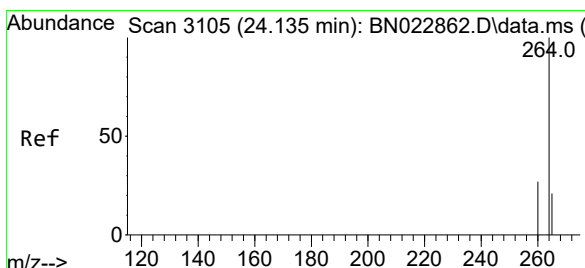
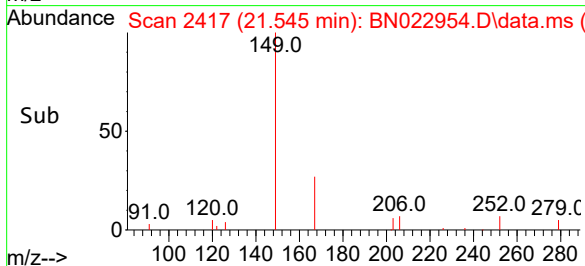
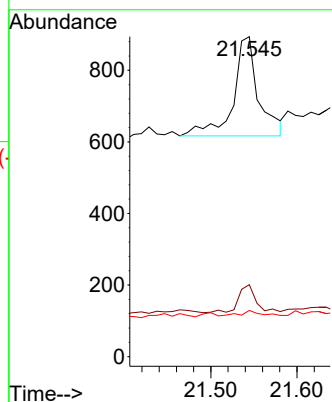
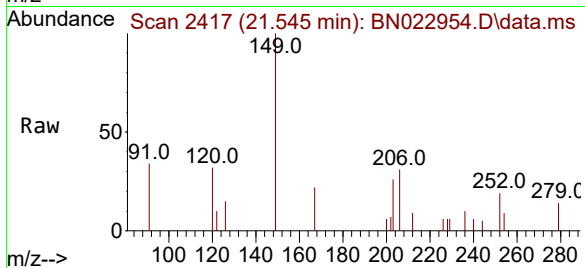




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.034 ng
 RT: 21.545 min Scan# 2417
 Delta R.T. 0.005 min
 Lab File: BN022954.D
 Acq: 29 Nov 2022 15:49

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20221115

Tgt Ion:149 Resp: 563
 Ion Ratio Lower Upper
 149 100
 167 19.5 21.3 31.9#
 279 4.1 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.121 min Scan# 3100
 Delta R.T. 0.008 min
 Lab File: BN022954.D
 Acq: 29 Nov 2022 15:49

Tgt Ion:264 Resp: 7079
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.7 32.5
 265 72.7 31.0 46.4#

