

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022973.D
 Acq On : 30 Nov 2022 05:19
 Operator : CG/JU
 Sample : N5729-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20221117

Quant Time: Nov 30 06:51:15 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)

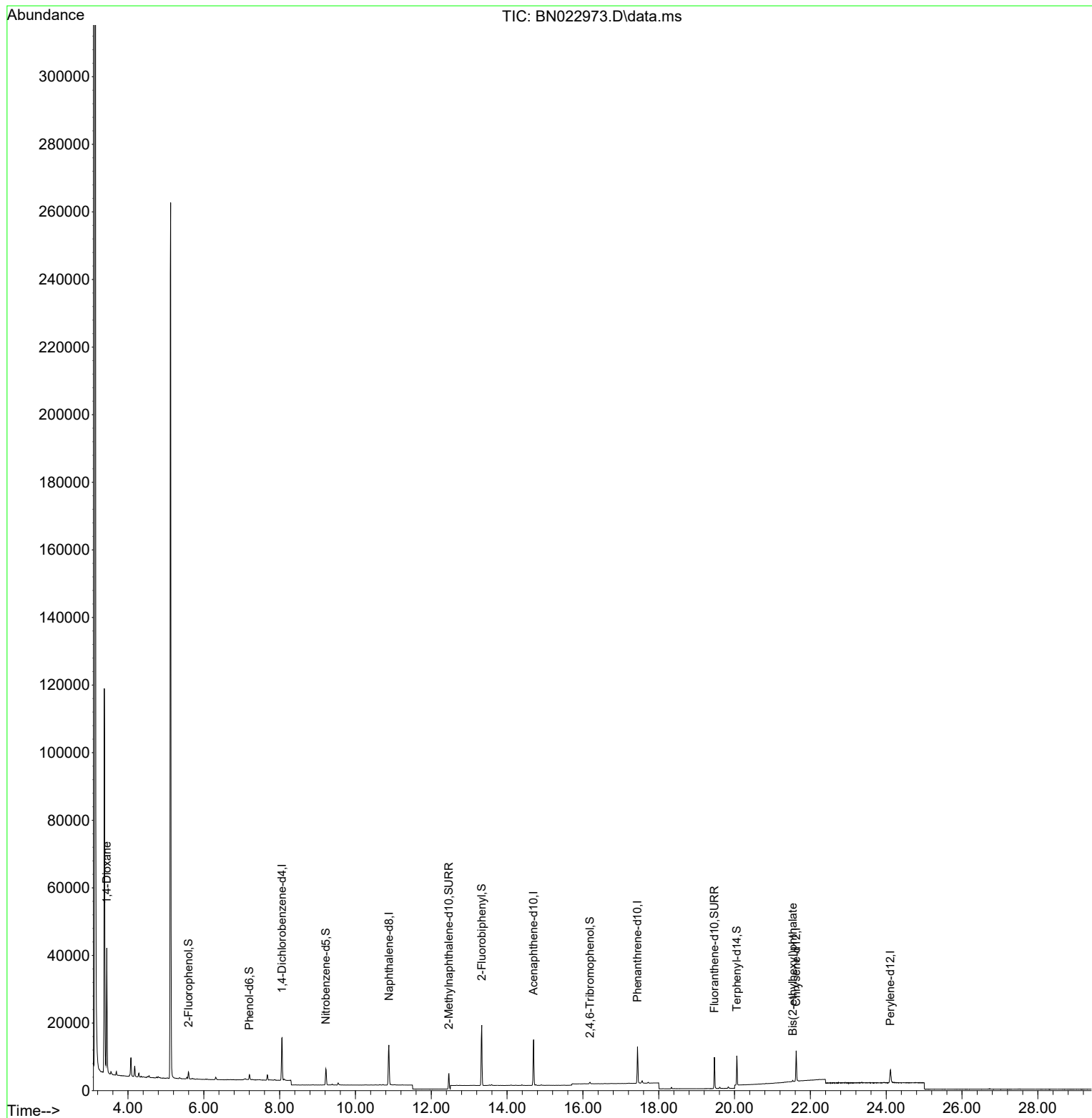
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	5947	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	15474	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	7073	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	13426	0.400	ng	0.00
29) Chrysene-d12	21.625	240	7846	0.400	ng	# 0.00
35) Perylene-d12	24.112	264	5713	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1632	0.106	ng	0.00
5) Phenol-d6	7.204	99	1220	0.062	ng	0.00
8) Nitrobenzene-d5	9.217	82	3907	0.325	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	6363	0.190	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	264	0.077	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	15044	0.465	ng	0.00
27) Fluoranthene-d10	19.469	212	9565	0.262	ng	0.00
31) Terphenyl-d14	20.058	244	7445	0.404	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	20738	2.748	ng	99
34) Bis(2-ethylhexyl)phtha...	21.536	149	464	0.036	ng	91

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

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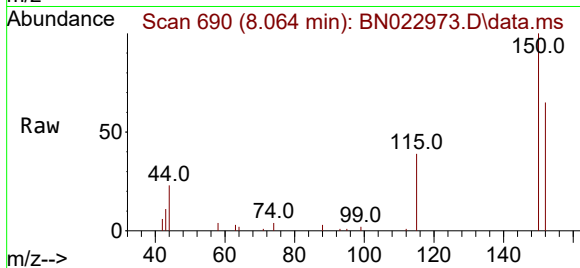
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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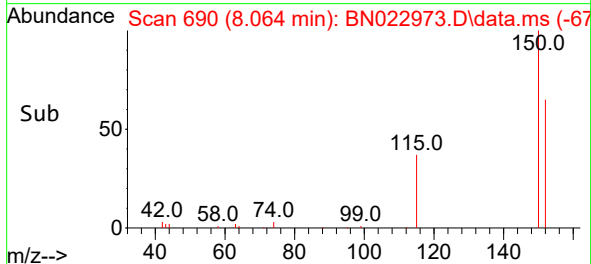
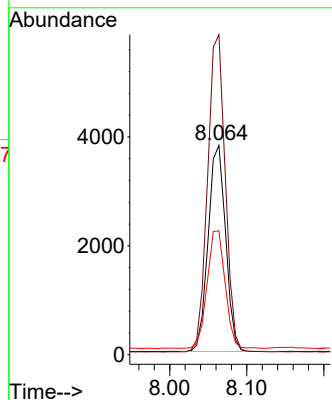


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022973.D
 Acq: 30 Nov 2022 05:19

Instrument :
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 RE114D2-20221117

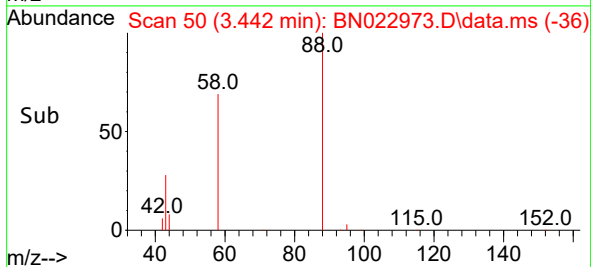
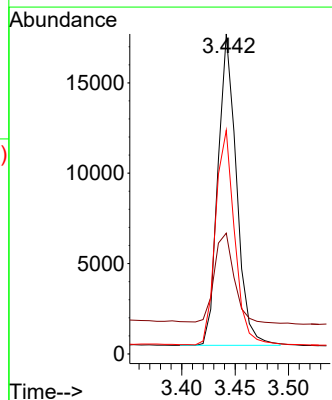
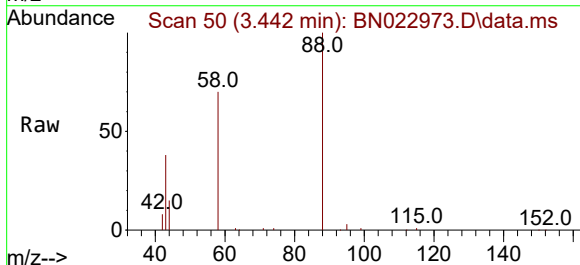


Tgt Ion:152 Resp: 5947
 Ion Ratio Lower Upper
 152 100
 150 152.9 121.2 181.8
 115 59.2 46.2 69.4



#2
 1,4-Dioxane
 Concen: 2.748 ng
 RT: 3.442 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN022973.D
 Acq: 30 Nov 2022 05:19

Tgt Ion: 88 Resp: 20738
 Ion Ratio Lower Upper
 88 100
 43 31.0 25.4 38.2
 58 70.9 56.5 84.7

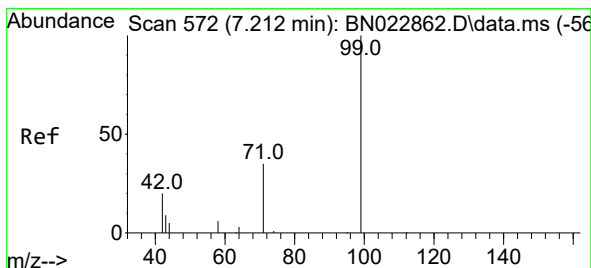
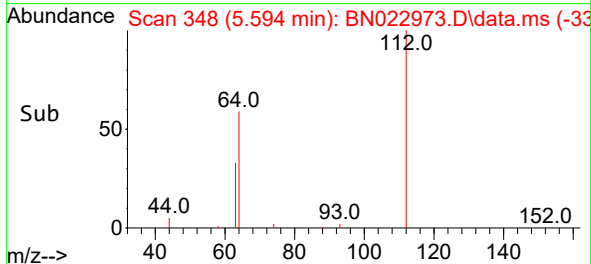
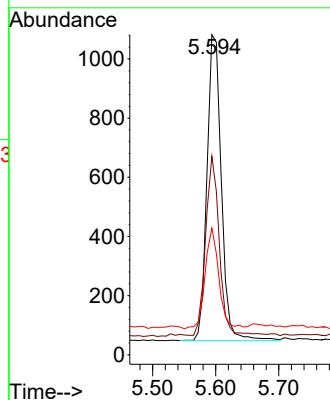
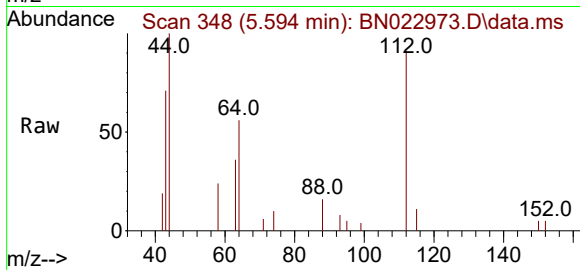




#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.007 min
Lab File: BN022973.D
Acq: 30 Nov 2022 05:19

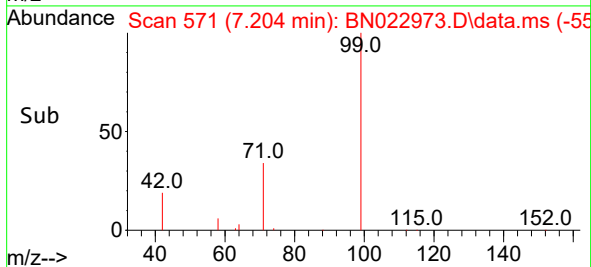
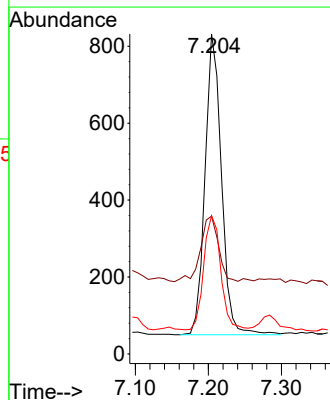
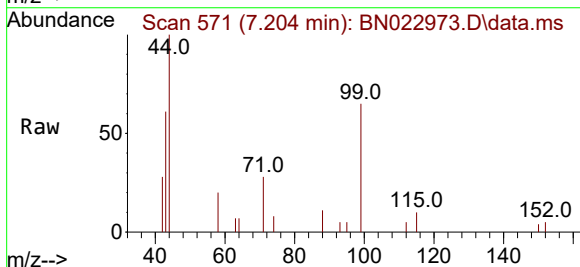
Instrument :
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ClientSampleId :
RE114D2-20221117

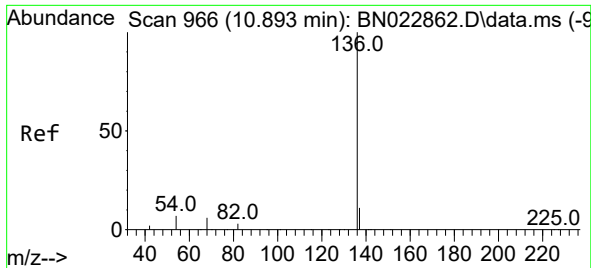
Tgt Ion:112 Resp: 1632
Ion Ratio Lower Upper
112 100
64 55.4 43.4 65.2
63 31.5 23.4 35.2



#5
Phenol-d6
Concen: 0.062 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022973.D
Acq: 30 Nov 2022 05:19

Tgt Ion: 99 Resp: 1220
Ion Ratio Lower Upper
99 100
42 23.7 16.0 24.0
71 39.3 26.8 40.2

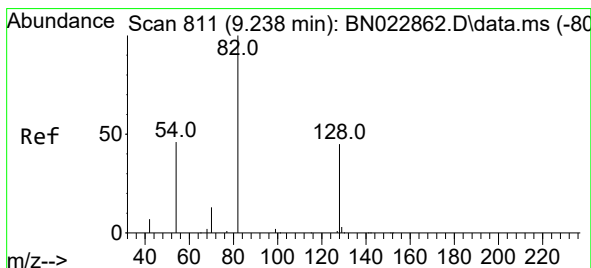
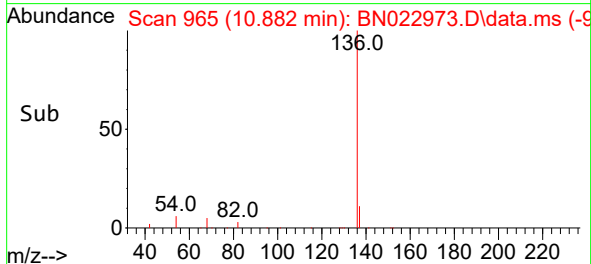
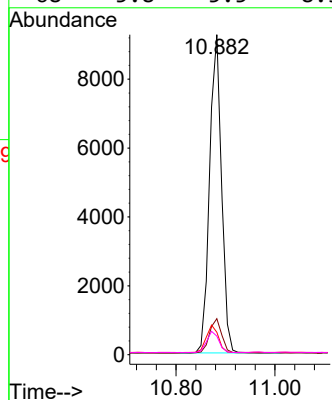
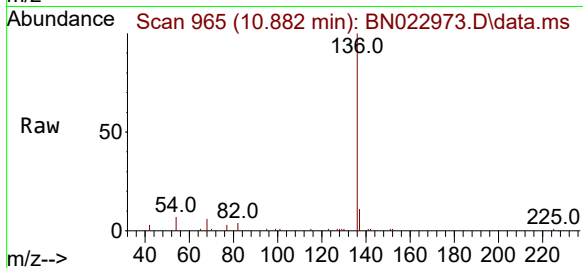




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022973.D
Acq: 30 Nov 2022 05:19

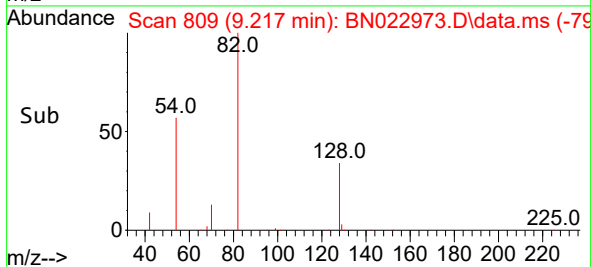
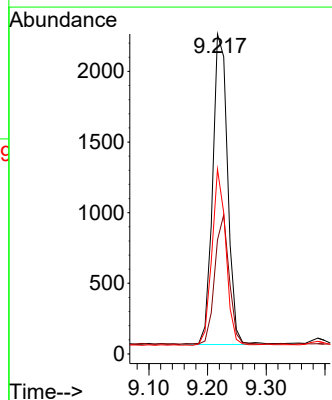
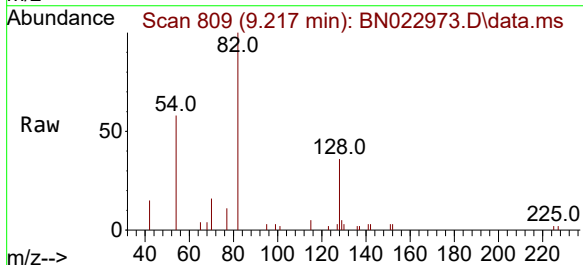
Instrument :
BNA_N
ClientSampleId :
RE114D2-20221117

Tgt Ion:	136	Resp:	15474
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	7.0	6.6	9.8
68	5.8	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN022973.D
Acq: 30 Nov 2022 05:19

Tgt Ion:	82	Resp:	3907
Ion Ratio	Lower	Upper	
82	100		
128	35.7	36.6	54.8#
54	57.7	38.5	57.7#

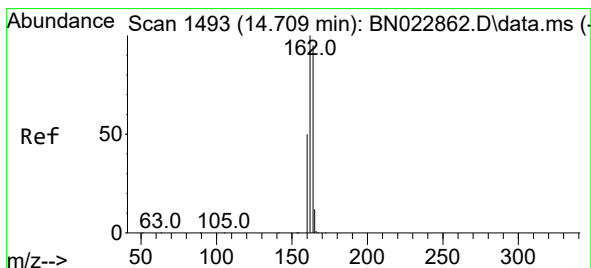
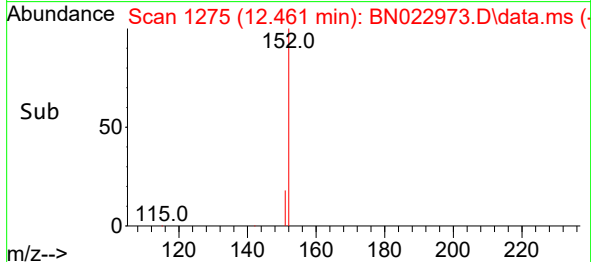
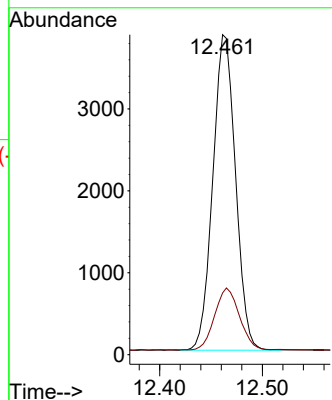
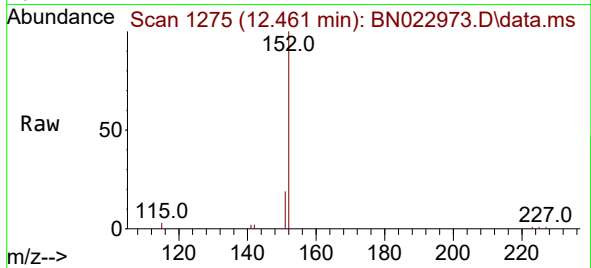




#11
2-Methylnaphthalene-d10
Concen: 0.190 ng
RT: 12.461 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN022973.D
Acq: 30 Nov 2022 05:19

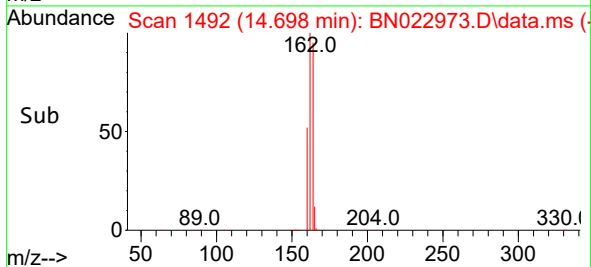
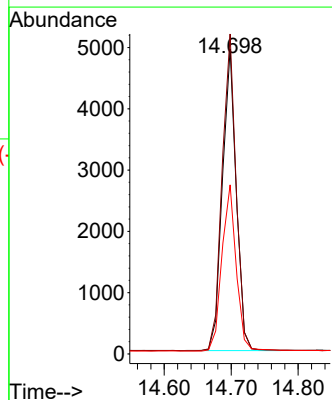
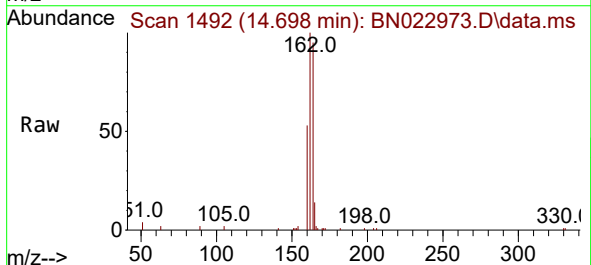
Instrument :
BNA_N
ClientSampleId :
RE114D2-20221117

Tgt Ion:152 Resp: 6363
Ion Ratio Lower Upper
152 100
151 24.4 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: BN022973.D
Acq: 30 Nov 2022 05:19

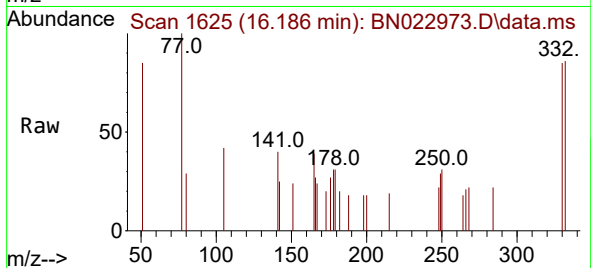
Tgt Ion:164 Resp: 7073
Ion Ratio Lower Upper
164 100
162 104.9 84.2 126.4
160 55.4 42.5 63.7



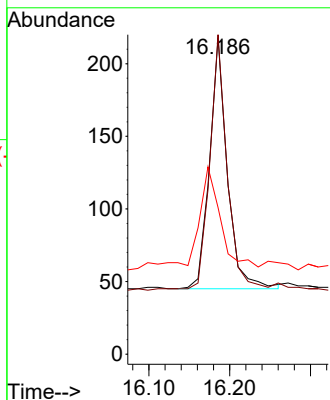
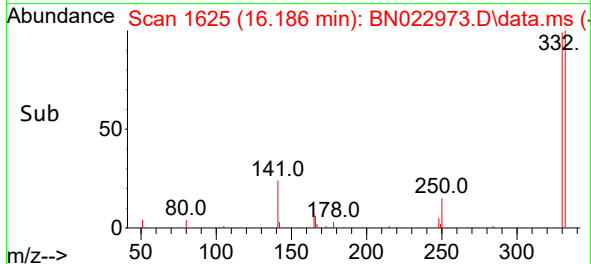


#14
2,4,6-Tribromophenol
Concen: 0.077 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022973.D
Acq: 30 Nov 2022 05:19

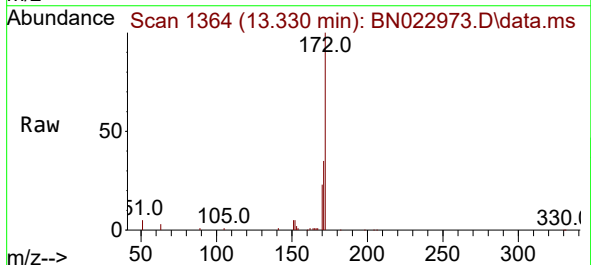
Instrument :
BNA_N
ClientSampleId :
RE114D2-20221117



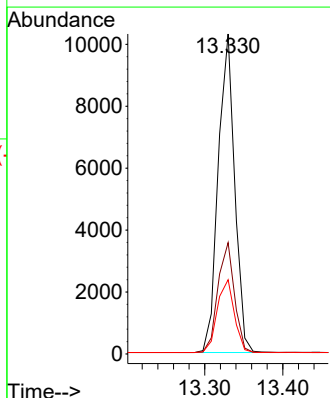
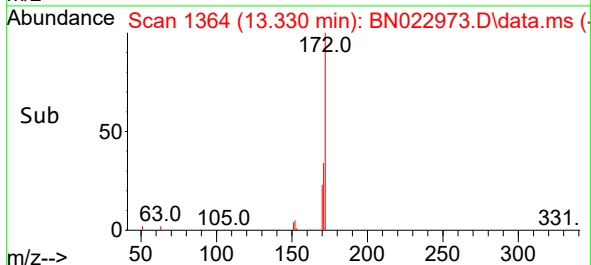
Tgt Ion:330 Resp: 264
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 43.9 32.6 48.8

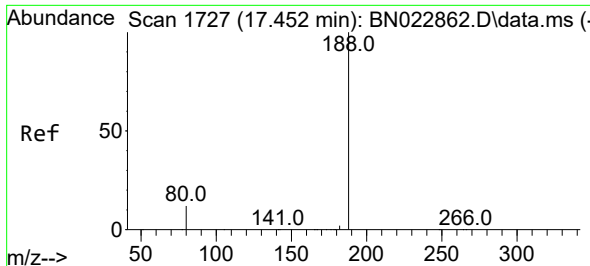


#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN022973.D
Acq: 30 Nov 2022 05:19



Tgt Ion:172 Resp: 15044
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.2 19.3 28.9

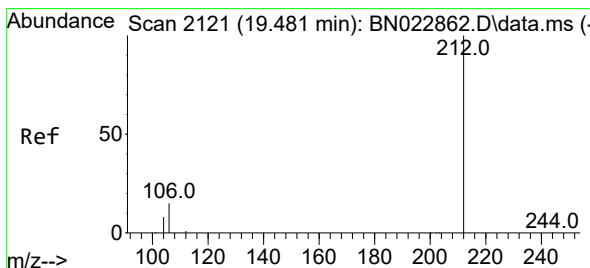
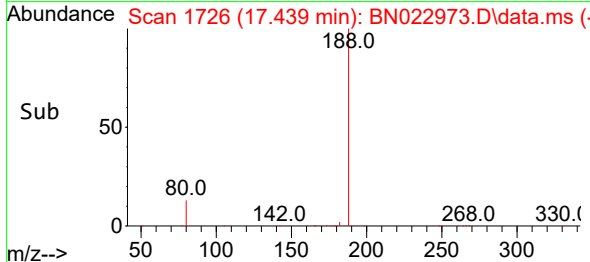
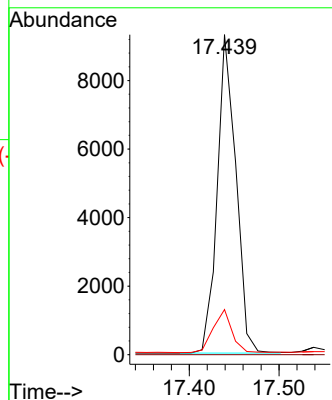
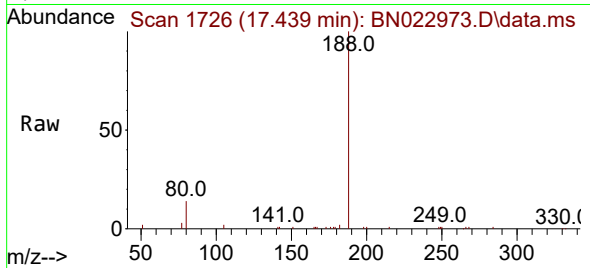




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022973.D
Acq: 30 Nov 2022 05:19

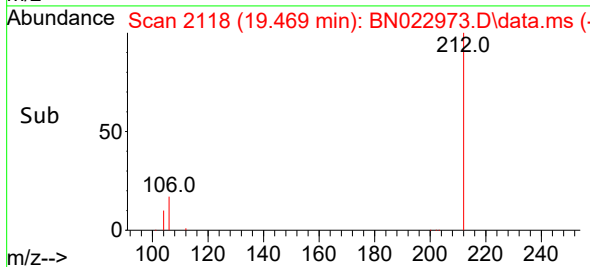
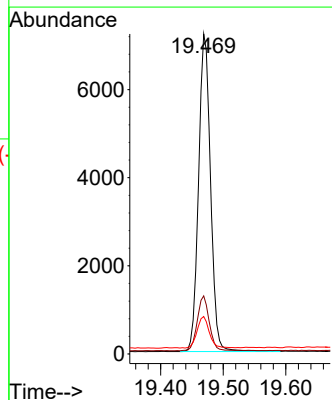
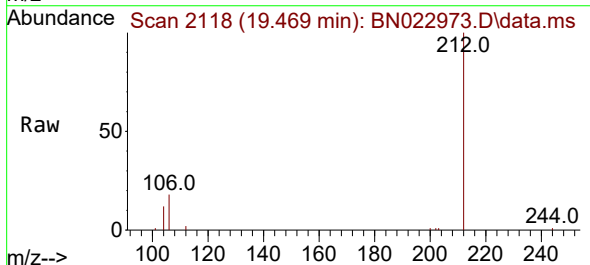
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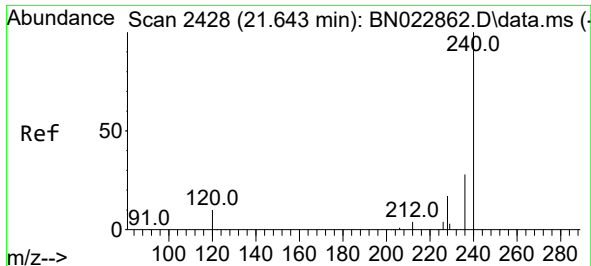
Tgt Ion:188 Resp: 13426
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 10.3 15.5



#27
Fluoranthene-d10
Concen: 0.262 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN022973.D
Acq: 30 Nov 2022 05:19

Tgt Ion:212 Resp: 9565
Ion Ratio Lower Upper
212 100
106 17.2 12.3 18.5
104 10.1 7.0 10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.625 min Scan# 2426

Delta R.T. -0.004 min

Lab File: BN022973.D

Acq: 30 Nov 2022 05:19

Instrument :

BNA_N

ClientSampleId :

RE114D2-20221117

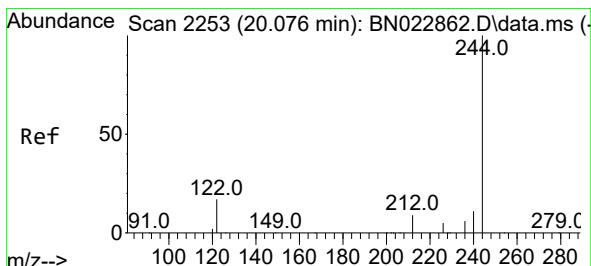
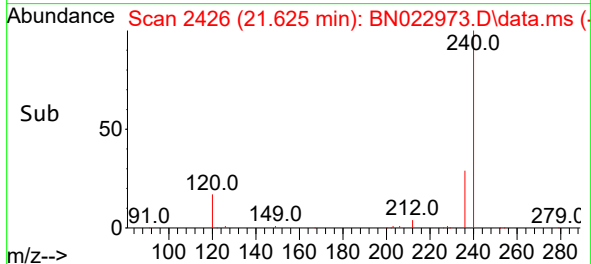
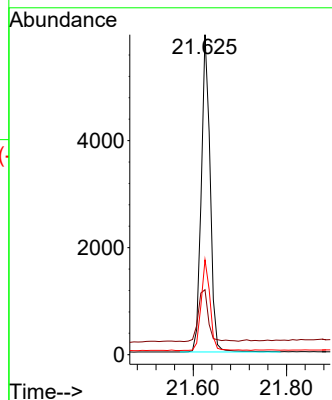
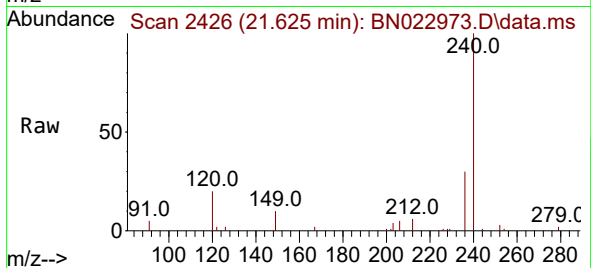
Tgt Ion:240 Resp: 7846

Ion Ratio Lower Upper

240 100

120 20.3 9.2 13.8#

236 29.7 22.6 34.0



#31

Terphenyl-d14

Concen: 0.404 ng

RT: 20.058 min Scan# 2251

Delta R.T. -0.004 min

Lab File: BN022973.D

Acq: 30 Nov 2022 05:19

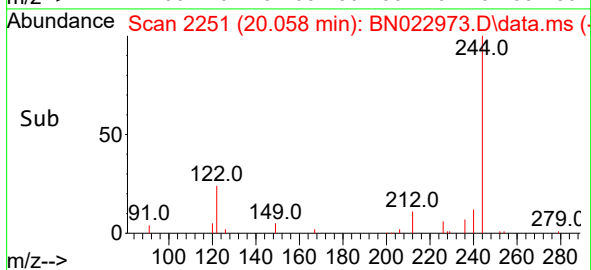
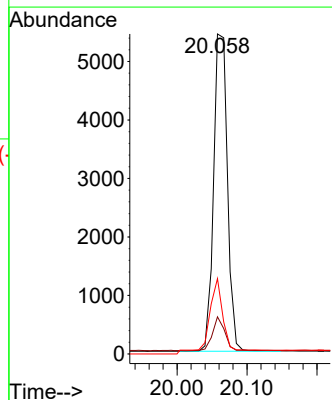
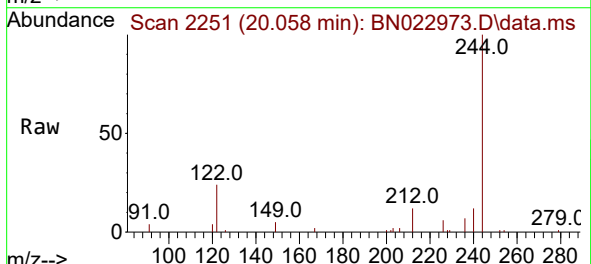
Tgt Ion:244 Resp: 7445

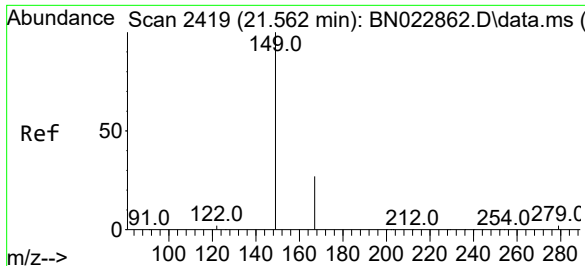
Ion Ratio Lower Upper

244 100

212 11.6 7.9 11.9

122 23.6 13.9 20.9#

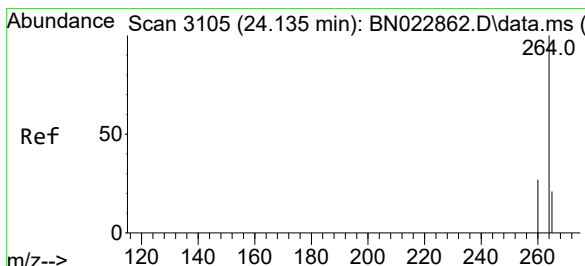
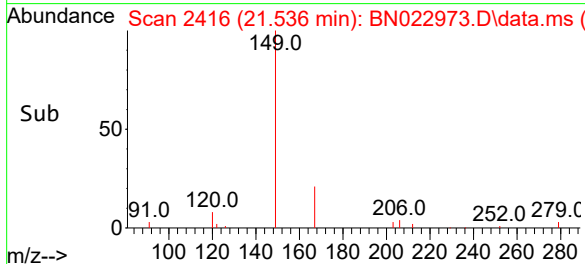
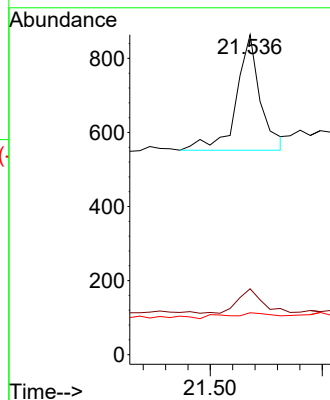
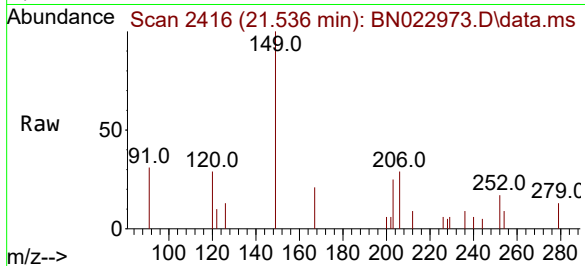




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.036 ng
 RT: 21.536 min Scan# 2416
 Delta R.T. -0.004 min
 Lab File: BN022973.D
 Acq: 30 Nov 2022 05:19

Instrument :
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Tgt Ion:149 Resp: 464
 Ion Ratio Lower Upper
 149 100
 167 21.6 21.3 31.9
 279 2.6 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.112 min Scan# 3097
 Delta R.T. -0.001 min
 Lab File: BN022973.D
 Acq: 30 Nov 2022 05:19

Tgt Ion:264 Resp: 5713
 Ion Ratio Lower Upper
 264 100
 260 28.7 21.7 32.5
 265 74.4 31.0 46.4#

