

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
 Data File : BN022983.D
 Acq On : 30 Nov 2022 13:18
 Operator : CG/JU
 Sample : N5671-13DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20221115DL

Quant Time: Nov 30 23:00:30 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)

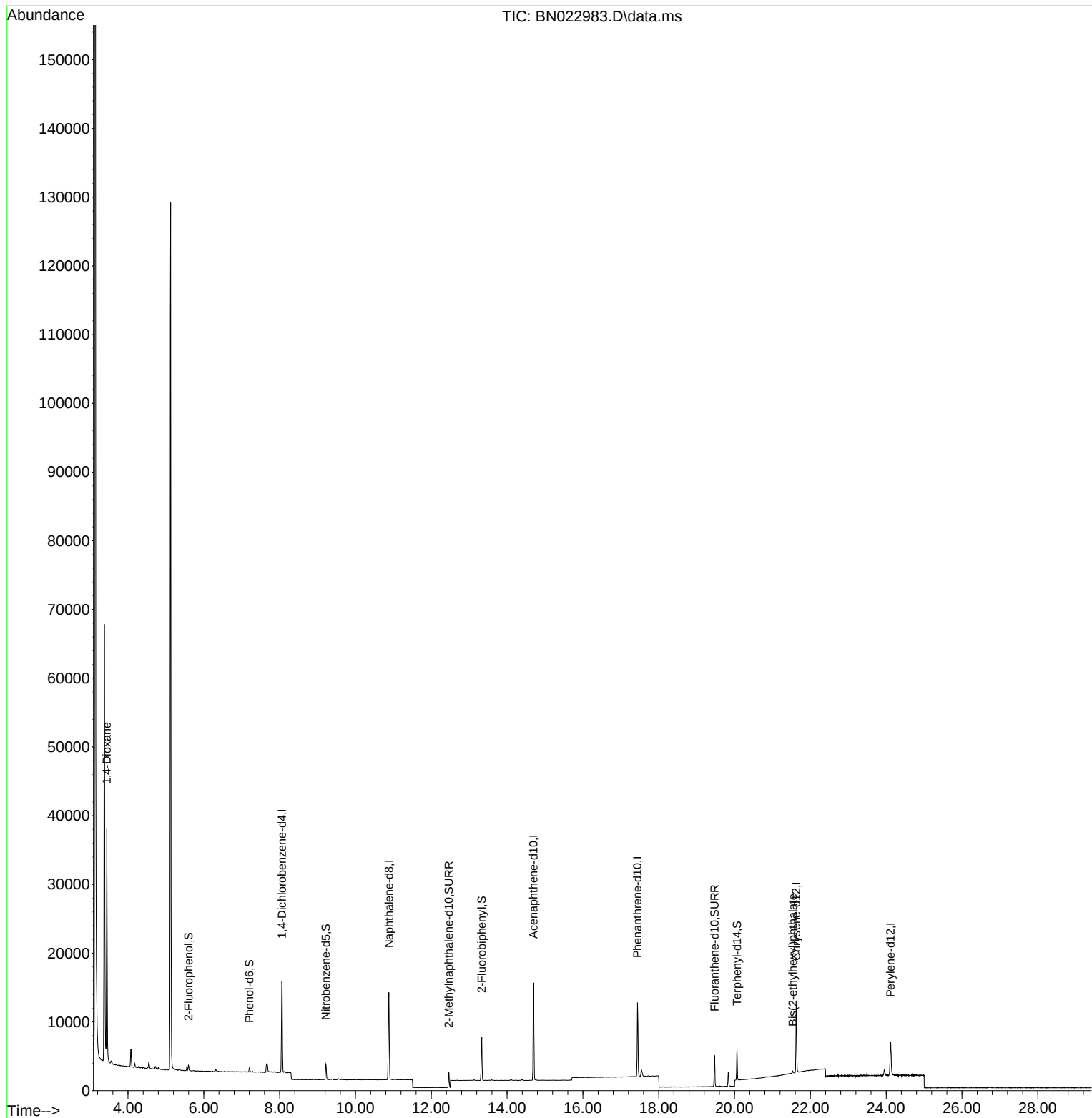
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6344	0.400	ng	0.00
7) Naphthalene-d8	10.883	136	16517	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	7461	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	14428	0.400	ng	0.00
29) Chrysene-d12	21.625	240	9222	0.400	ng	# 0.00
35) Perylene-d12	24.118	264	7179	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	665	0.040	ng	0.00
5) Phenol-d6	7.204	99	535	0.025	ng	0.00
8) Nitrobenzene-d5	9.217	82	1825	0.142	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	3235	0.090	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	12	0.003	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	5146	0.151	ng	0.00
27) Fluoranthene-d10	19.473	212	4900	0.125	ng	0.00
31) Terphenyl-d14	20.067	244	3843	0.177	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	19046	2.365	ng	99
34) Bis(2-ethylhexyl)phtha...	21.536	149	472	0.032	ng	# 82

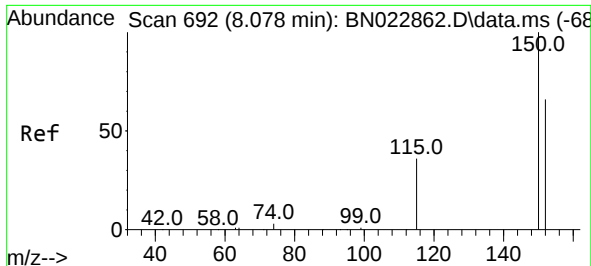
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 30 23:00:30 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

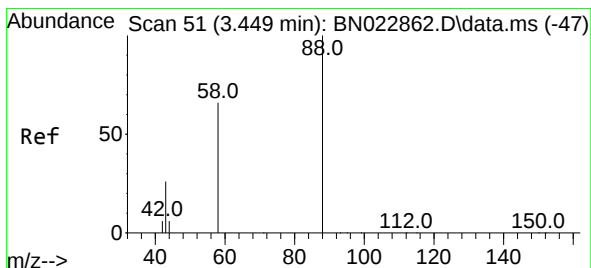
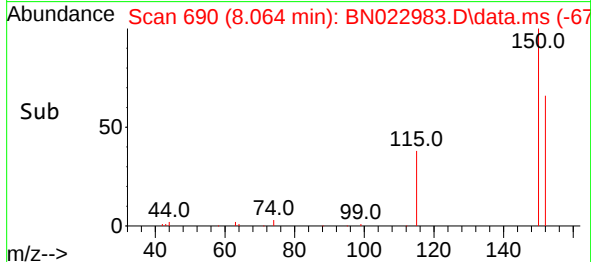
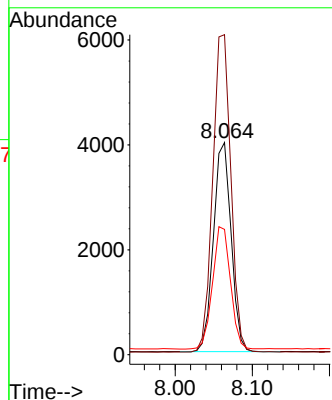
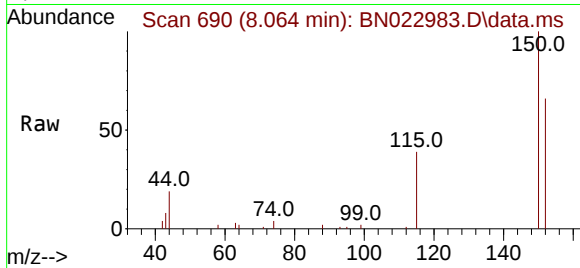




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022983.D
 Acq: 30 Nov 2022 13:18

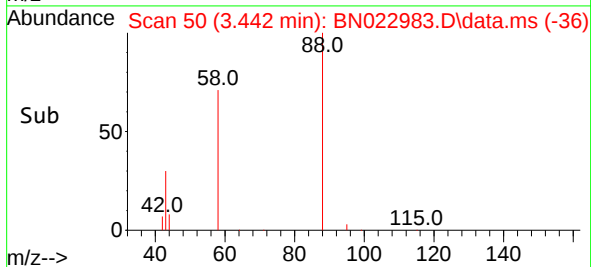
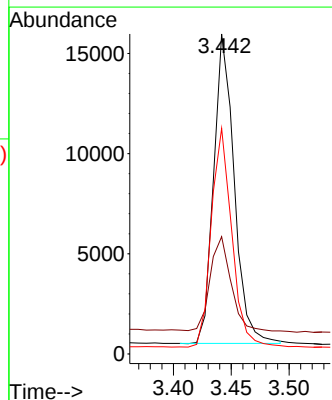
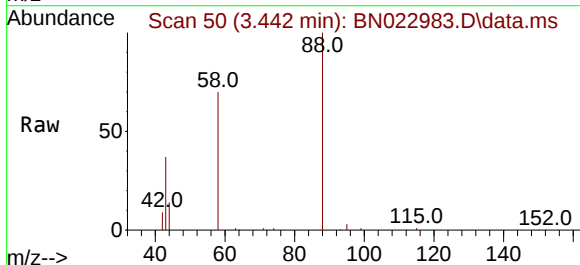
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 DUP04-20221115DL

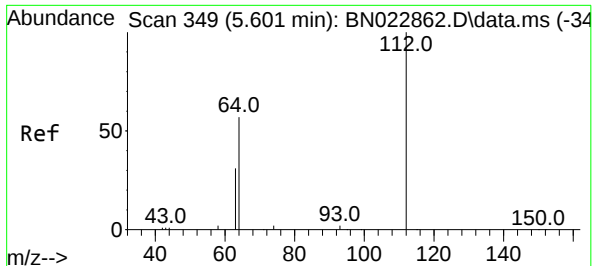
Tgt Ion:152 Resp: 6344
 Ion Ratio Lower Upper
 152 100
 150 150.8 121.2 181.8
 115 59.0 46.2 69.4



#2
 1,4-Dioxane
 Concen: 2.365 ng
 RT: 3.442 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN022983.D
 Acq: 30 Nov 2022 13:18

Tgt Ion: 88 Resp: 19046
 Ion Ratio Lower Upper
 88 100
 43 30.6 25.4 38.2
 58 70.6 56.5 84.7

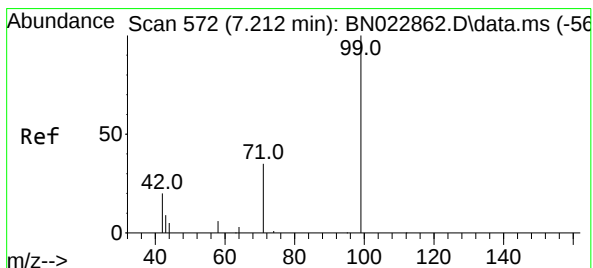
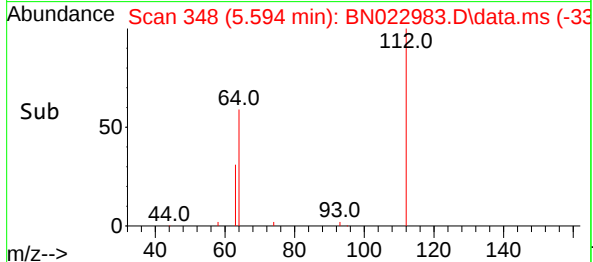
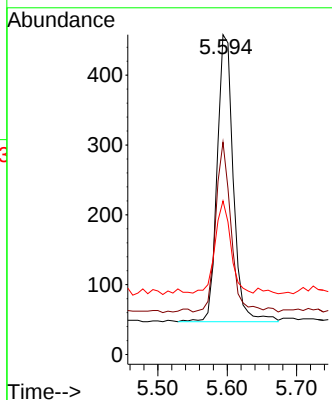
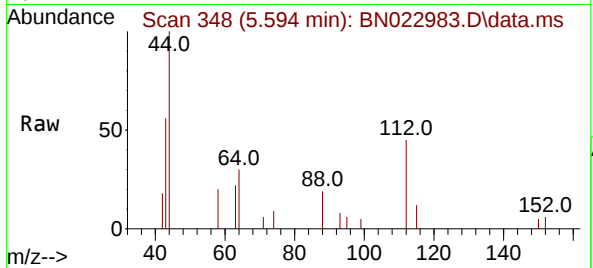




#4
2-Fluorophenol
Concen: 0.040 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.007 min
Lab File: BN022983.D
Acq: 30 Nov 2022 13:18

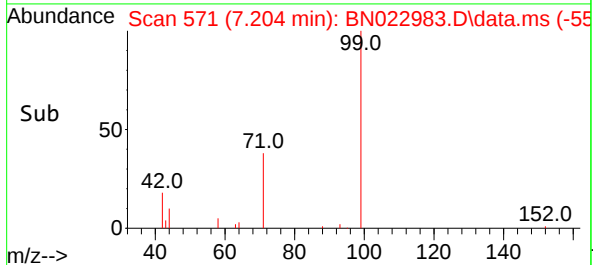
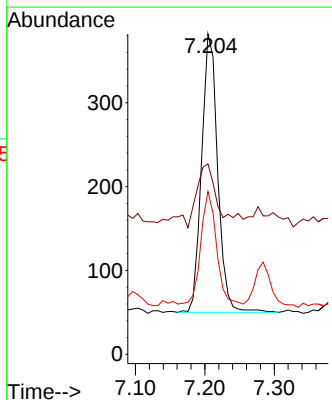
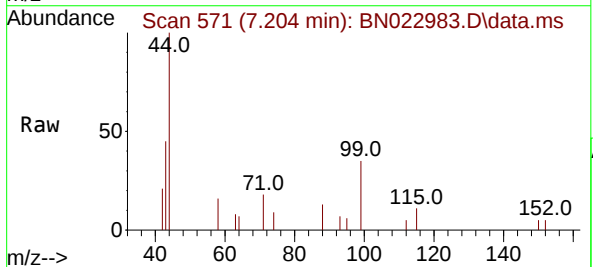
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BNA_N
ClientSampleId :
DUP04-20221115DL

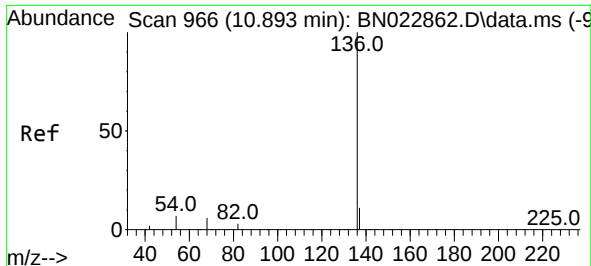
Tgt Ion:112 Resp: 665
Ion Ratio Lower Upper
112 100
64 56.2 43.4 65.2
63 31.3 23.4 35.2



#5
Phenol-d6
Concen: 0.025 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022983.D
Acq: 30 Nov 2022 13:18

Tgt Ion: 99 Resp: 535
Ion Ratio Lower Upper
99 100
42 29.7 16.0 24.0#
71 40.2 26.8 40.2

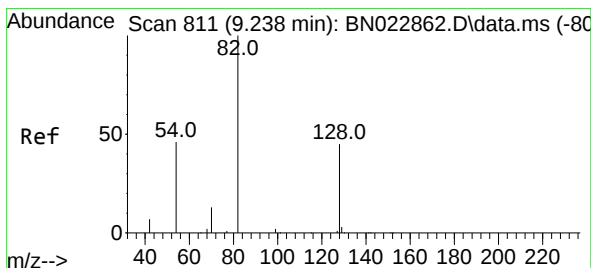
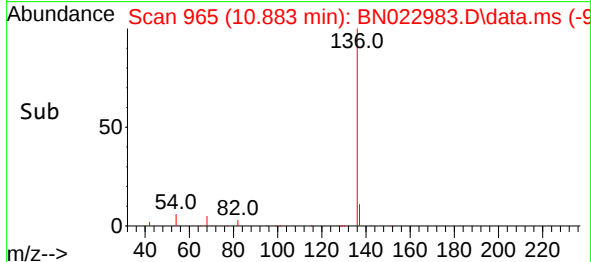
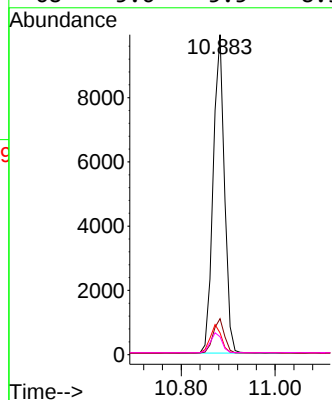
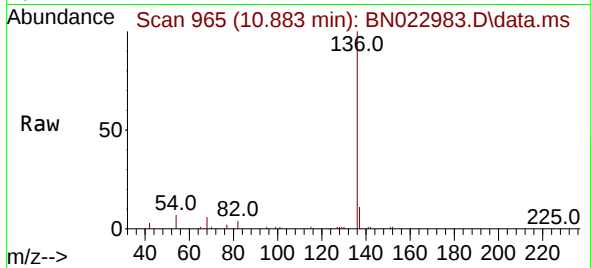




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN022983.D
Acq: 30 Nov 2022 13:18

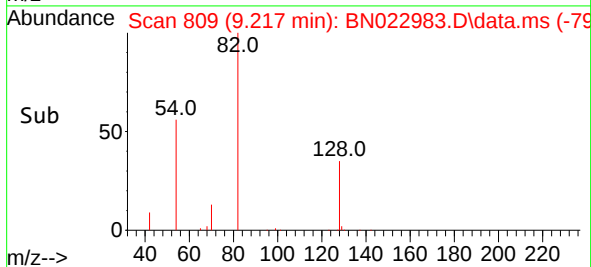
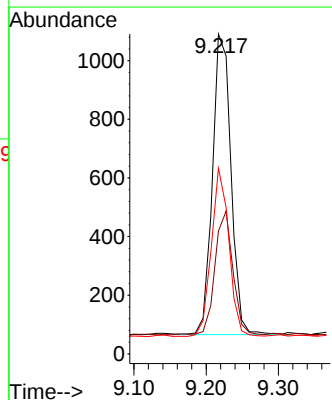
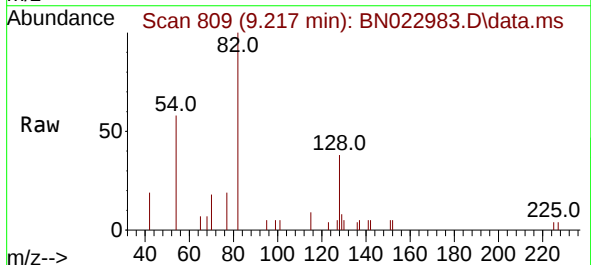
Instrument :
BNA_N
ClientSampleId :
DUP04-20221115DL

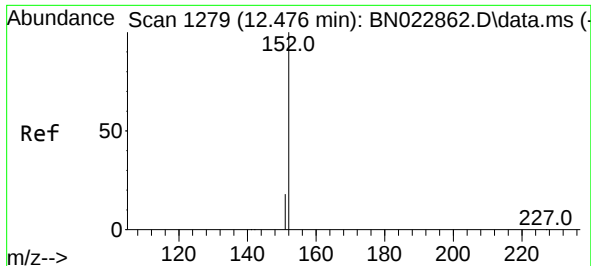
Tgt Ion:	136	Resp:	16517
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	6.8	6.6	9.8
68	5.6	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.142 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.010 min
Lab File: BN022983.D
Acq: 30 Nov 2022 13:18

Tgt Ion:	82	Resp:	1825
Ion Ratio	Lower	Upper	
82	100		
128	38.4	36.6	54.8
54	58.0	38.5	57.7

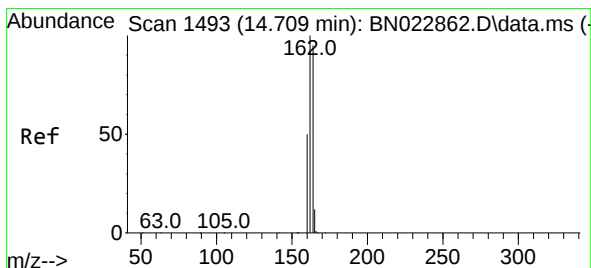
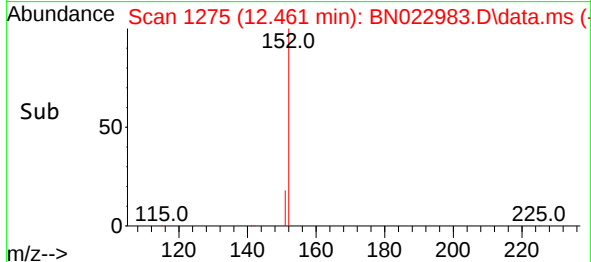
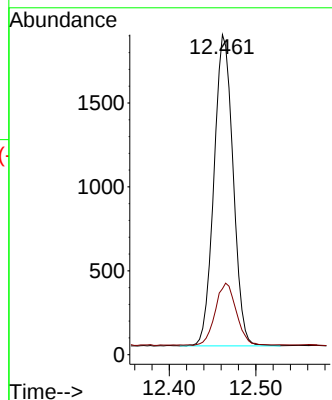
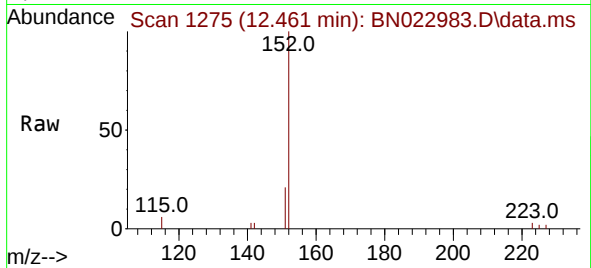




#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 12.461 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN022983.D
Acq: 30 Nov 2022 13:18

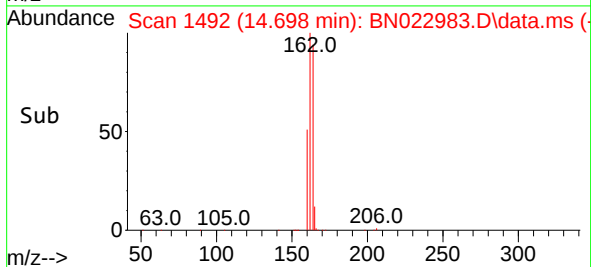
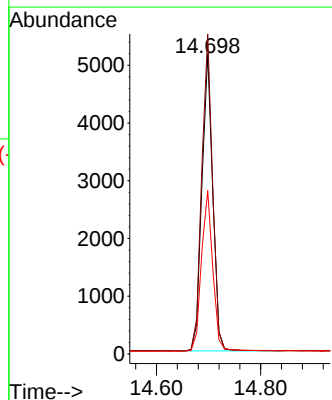
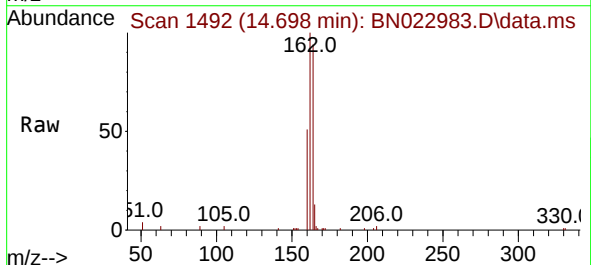
Instrument :
BNA_N
ClientSampleId :
DUP04-20221115DL

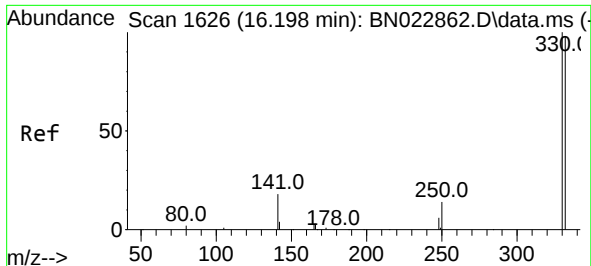
Tgt Ion:152 Resp: 3235
Ion Ratio Lower Upper
152 100
151 23.7 18.6 27.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022983.D
Acq: 30 Nov 2022 13:18

Tgt Ion:164 Resp: 7461
Ion Ratio Lower Upper
164 100
162 106.5 84.2 126.4
160 54.4 42.5 63.7

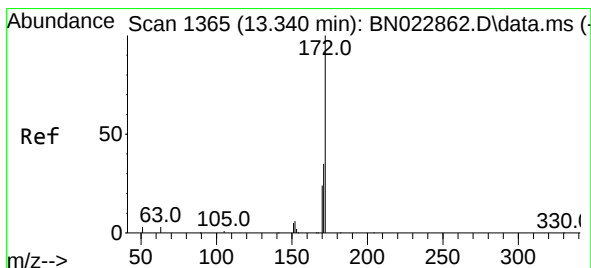
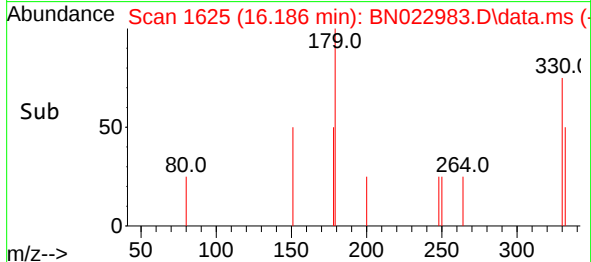
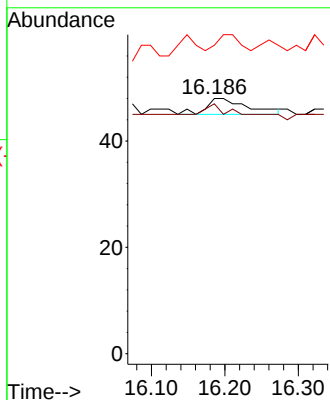
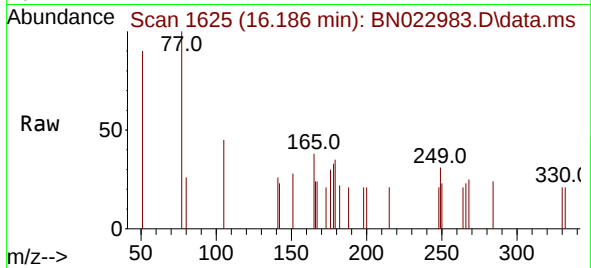




#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022983.D
Acq: 30 Nov 2022 13:18

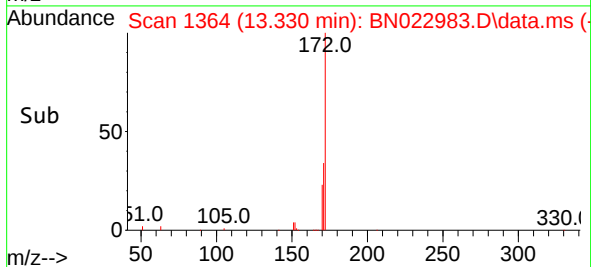
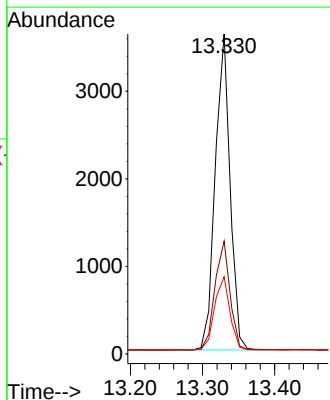
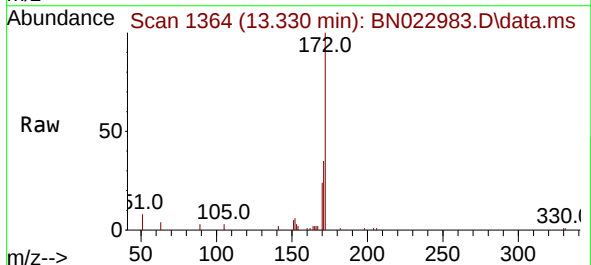
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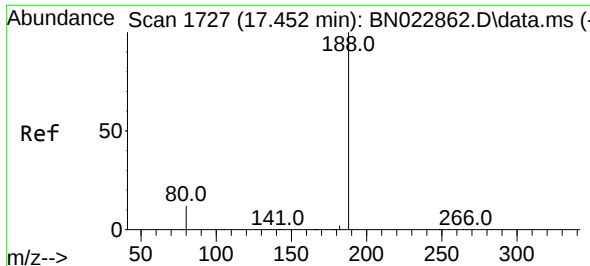
Tgt Ion:330 Resp: 12
Ion Ratio Lower Upper
330 100
332 25.0 76.5 114.7#
141 66.7 32.6 48.8#



#15
2-Fluorobiphenyl
Concen: 0.151 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN022983.D
Acq: 30 Nov 2022 13:18

Tgt Ion:172 Resp: 5146
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 24.2 19.3 28.9

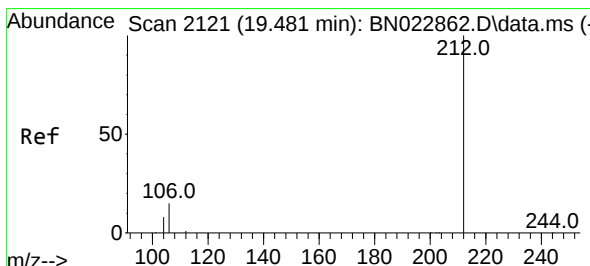
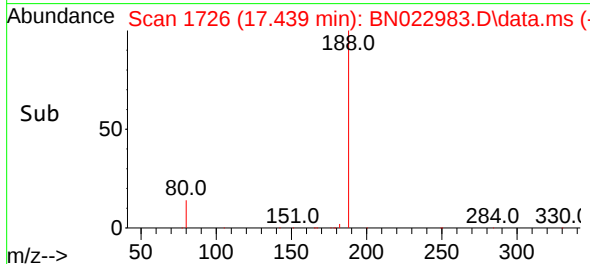
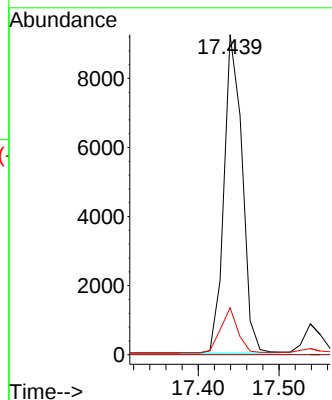
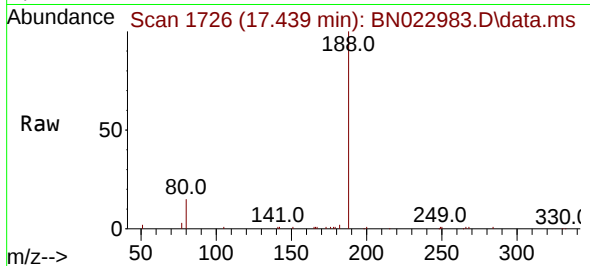




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BN022983.D
Acq: 30 Nov 2022 13:18

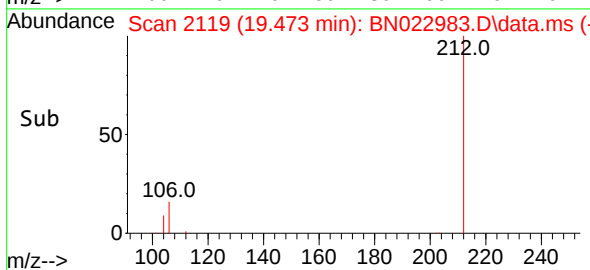
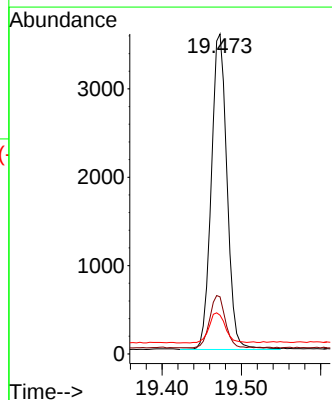
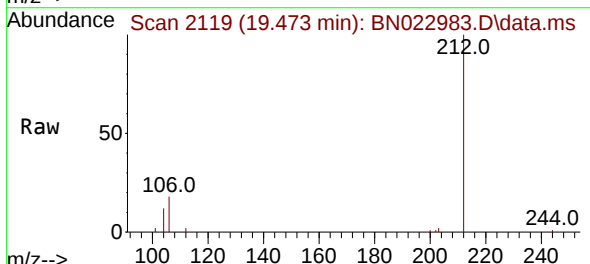
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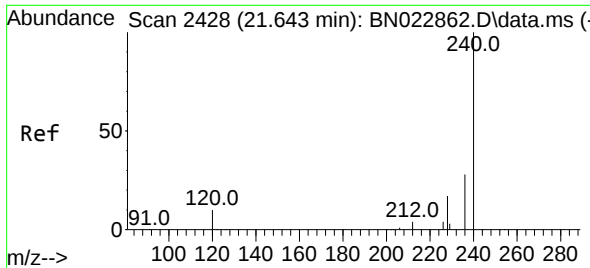
Tgt Ion:188 Resp: 14428
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 10.3 15.5



#27
Fluoranthene-d10
Concen: 0.125 ng
RT: 19.473 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN022983.D
Acq: 30 Nov 2022 13:18

Tgt Ion:212 Resp: 4900
Ion Ratio Lower Upper
212 100
106 16.5 12.3 18.5
104 10.0 7.0 10.4

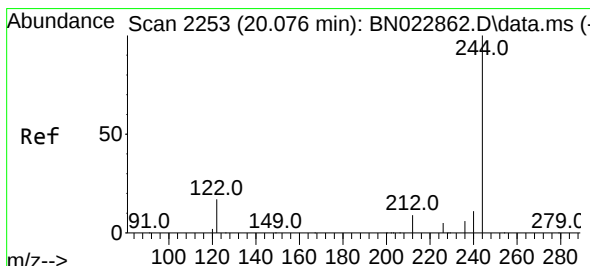
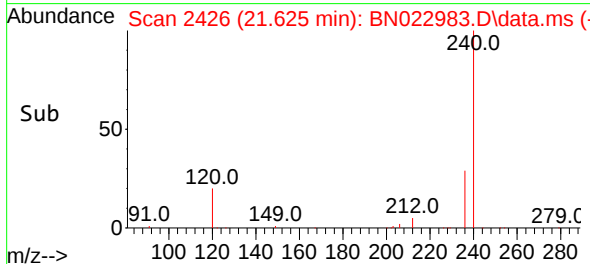
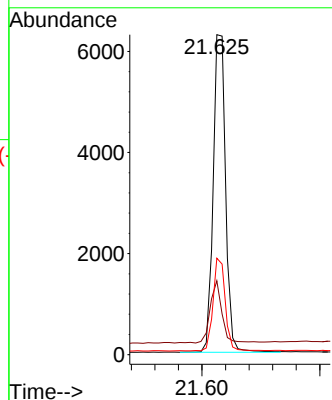
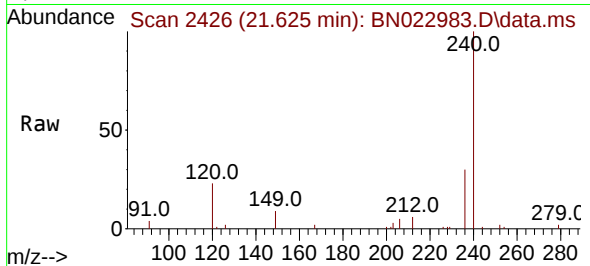




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN022983.D
Acq: 30 Nov 2022 13:18

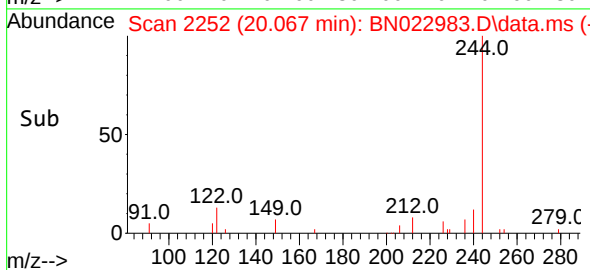
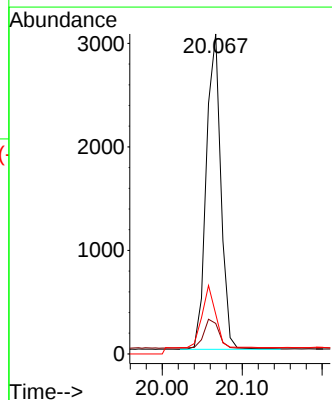
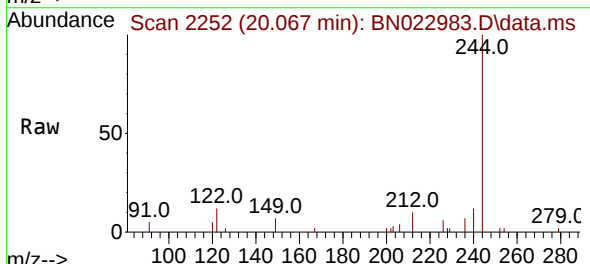
Instrument :
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DUP04-20221115DL

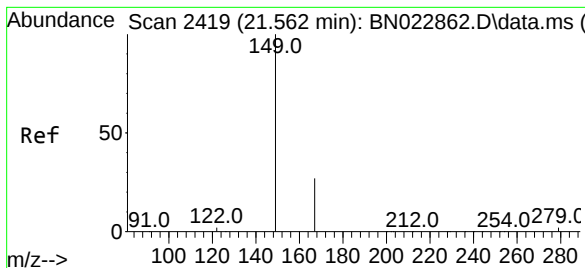
Tgt Ion:240 Resp: 9222
Ion Ratio Lower Upper
240 100
120 23.1 9.2 13.8#
236 30.2 22.6 34.0



#31
Terphenyl-d14
Concen: 0.177 ng
RT: 20.067 min Scan# 2252
Delta R.T. 0.005 min
Lab File: BN022983.D
Acq: 30 Nov 2022 13:18

Tgt Ion:244 Resp: 3843
Ion Ratio Lower Upper
244 100
212 9.5 7.9 11.9
122 12.5 13.9 20.9#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.032 ng

RT: 21.536 min Scan# 2416

Delta R.T. -0.004 min

Lab File: BN022983.D

Acq: 30 Nov 2022 13:18

Instrument :

BNA_N

ClientSampleId :

DUP04-20221115DL

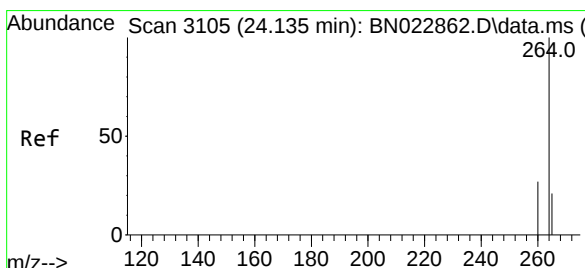
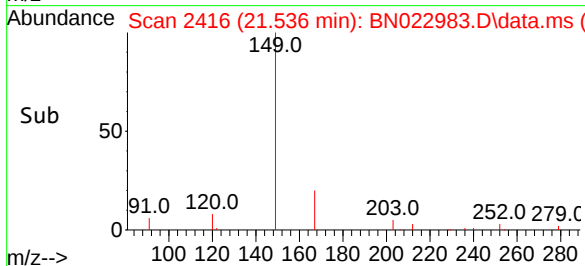
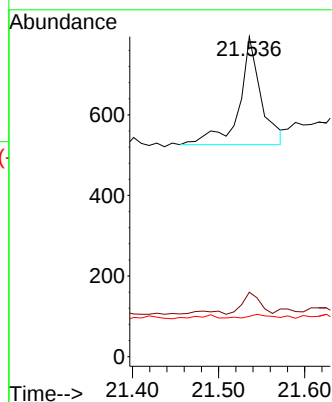
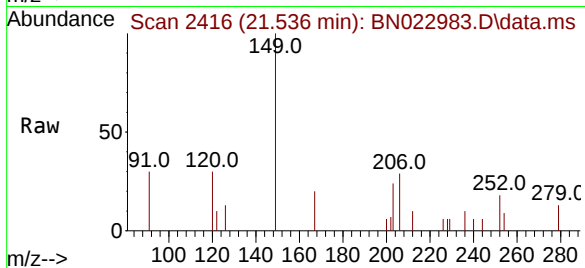
Tgt Ion:149 Resp: 472

Ion Ratio Lower Upper

149 100

167 16.1 21.3 31.9#

279 2.8 2.3 3.5



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.118 min Scan# 3099

Delta R.T. 0.005 min

Lab File: BN022983.D

Acq: 30 Nov 2022 13:18

Tgt Ion:264 Resp: 7179

Ion Ratio Lower Upper

264 100

260 27.6 21.7 32.5

265 59.3 31.0 46.4#

