

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022964.D
 Acq On : 29 Nov 2022 23:49
 Operator : CG/JU
 Sample : N5671-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20221115

Quant Time: Nov 30 00:46:56 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)

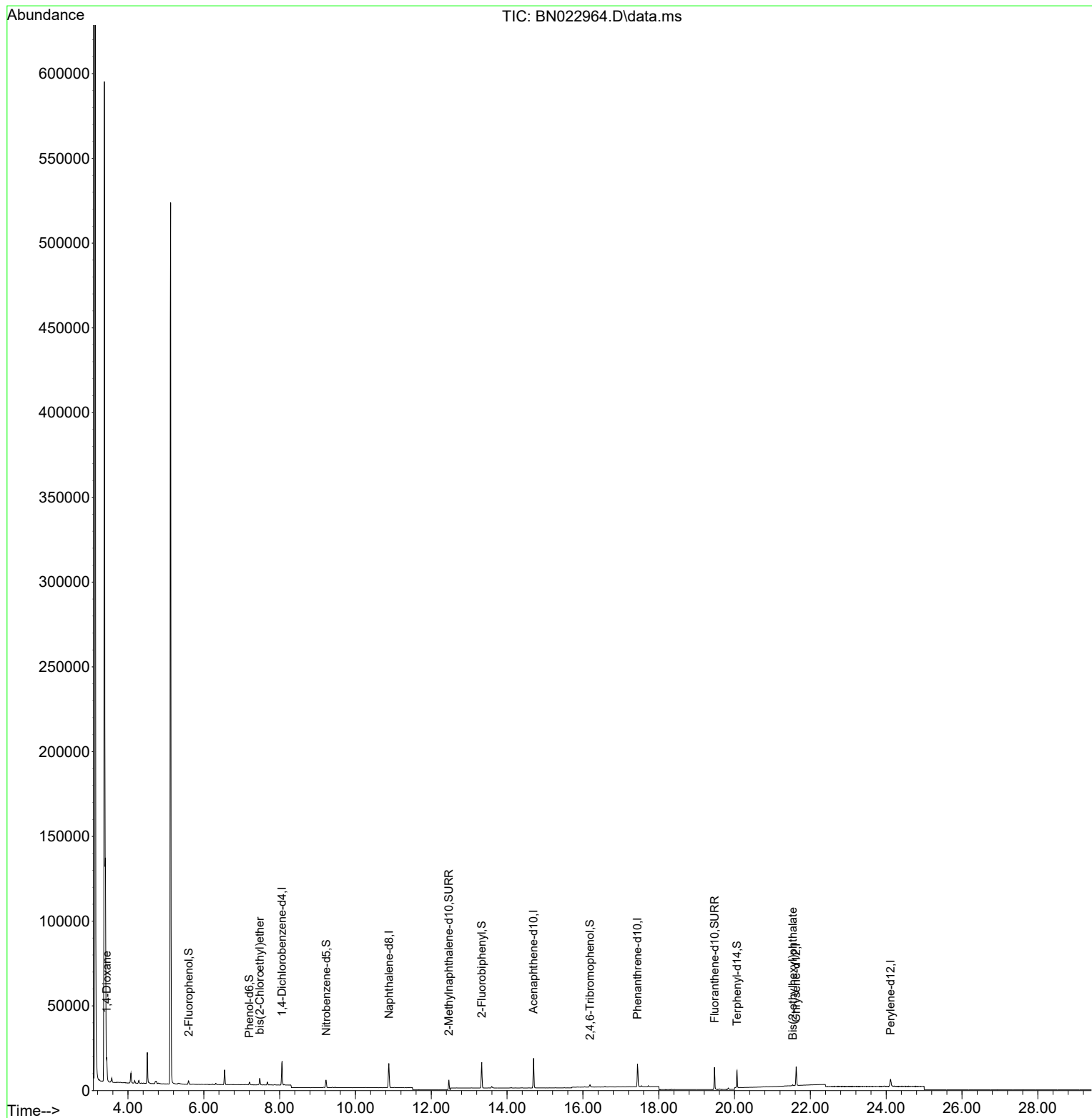
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6796	0.400	ng	0.00
7) Naphthalene-d8	10.883	136	18305	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	9065	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	17858	0.400	ng	0.00
29) Chrysene-d12	21.625	240	9587	0.400	ng	# 0.00
35) Perylene-d12	24.118	264	6489	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	1635	0.093	ng	0.00
5) Phenol-d6	7.204	99	1383	0.061	ng	0.00
8) Nitrobenzene-d5	9.228	82	3741	0.263	ng	0.00
11) 2-Methylnaphthalene-d10	12.465	152	9675	0.244	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	797	0.182	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	12237	0.295	ng	0.00
27) Fluoranthene-d10	19.473	212	13791	0.284	ng	0.00
31) Terphenyl-d14	20.067	244	8865	0.394	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	6319	0.733	ng	99
6) bis(2-Chloroethyl)ether	7.479	93	2708	0.128	ng	95
34) Bis(2-ethylhexyl)phtha...	21.536	149	707	0.045	ng	# 98

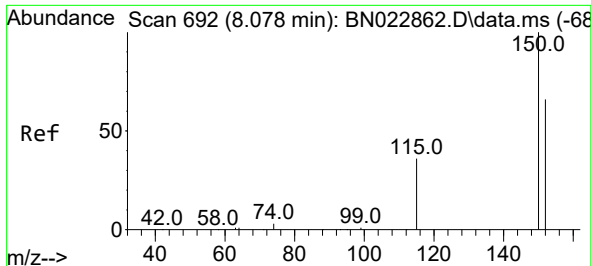
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 30 00:46:56 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

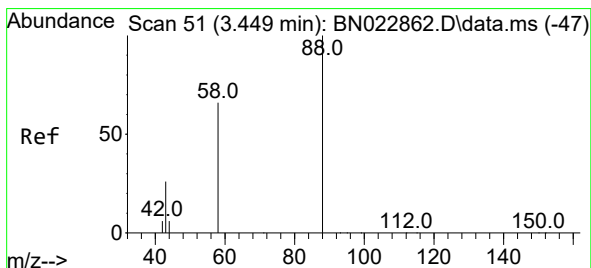
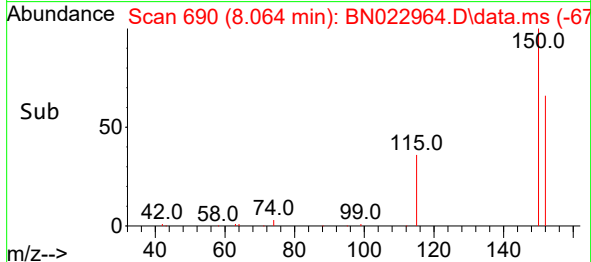
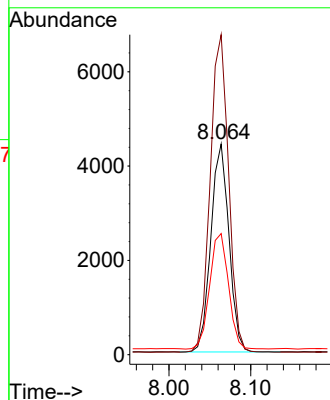
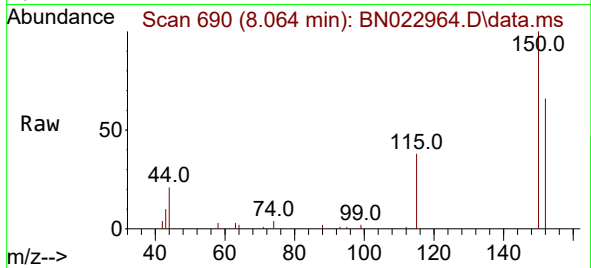




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022964.D
 Acq: 29 Nov 2022 23:49

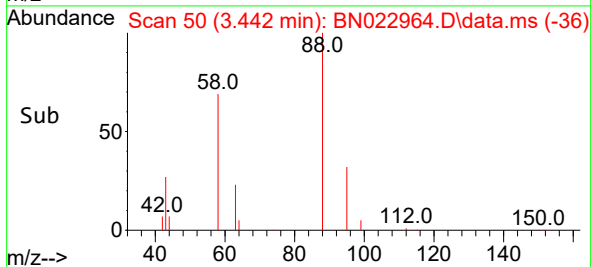
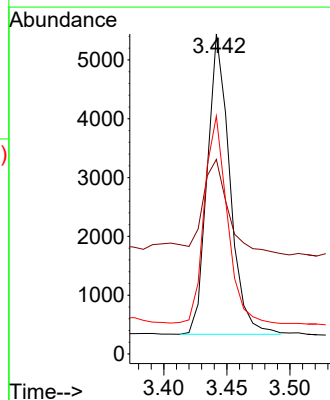
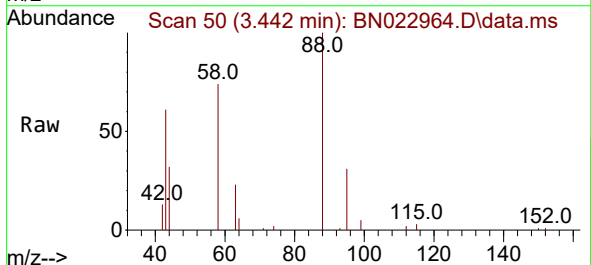
Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20221115

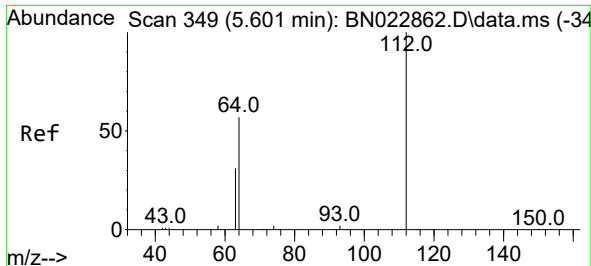
Tgt Ion:152 Resp: 6796
 Ion Ratio Lower Upper
 152 100
 150 151.9 121.2 181.8
 115 57.4 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.733 ng
 RT: 3.442 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN022964.D
 Acq: 29 Nov 2022 23:49

Tgt Ion: 88 Resp: 6319
 Ion Ratio Lower Upper
 88 100
 43 33.7 25.4 38.2
 58 70.5 56.5 84.7

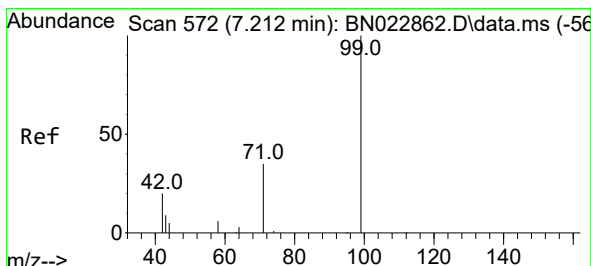
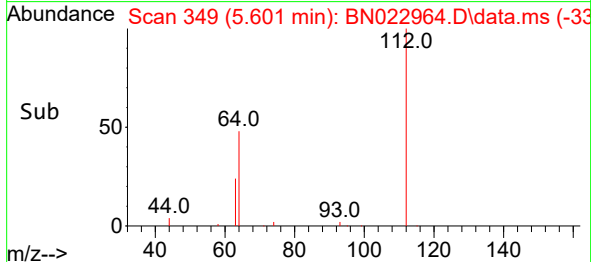
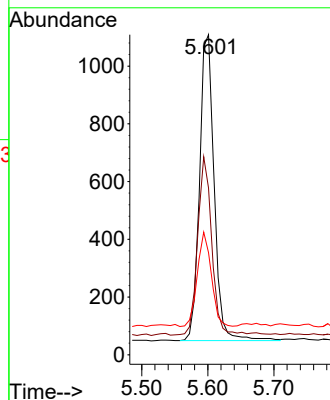
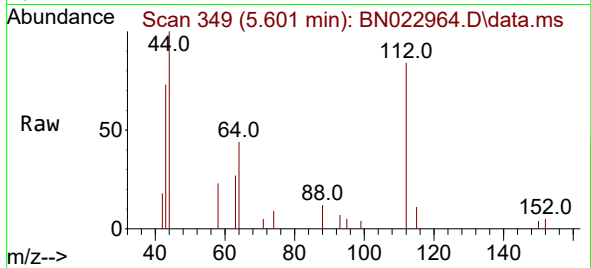




#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022964.D
Acq: 29 Nov 2022 23:49

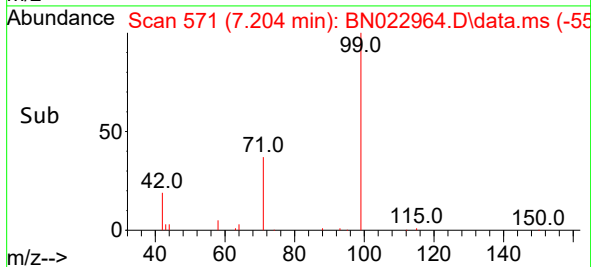
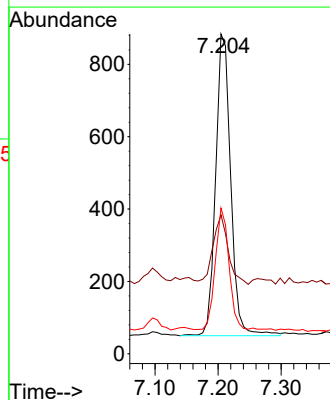
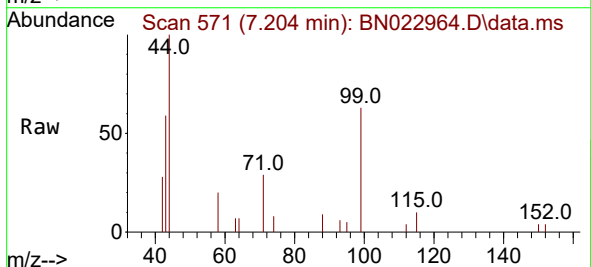
Instrument :
BNA_N
ClientSampleId :
DUP01-20221115

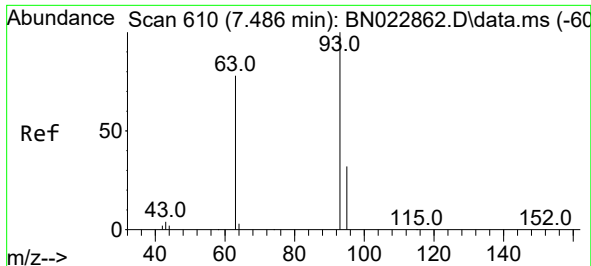
Tgt Ion:112 Resp: 1635
Ion Ratio Lower Upper
112 100
64 56.4 43.4 65.2
63 29.4 23.4 35.2



#5
Phenol-d6
Concen: 0.061 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN022964.D
Acq: 29 Nov 2022 23:49

Tgt Ion: 99 Resp: 1383
Ion Ratio Lower Upper
99 100
42 23.2 16.0 24.0
71 36.3 26.8 40.2

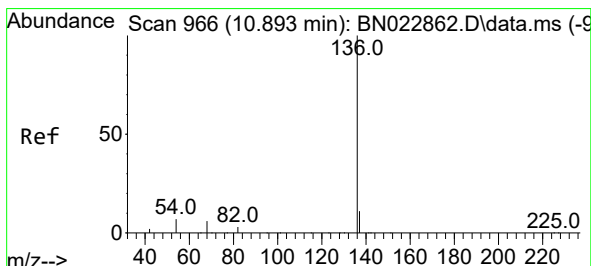
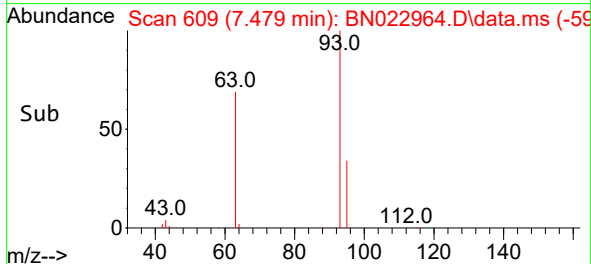
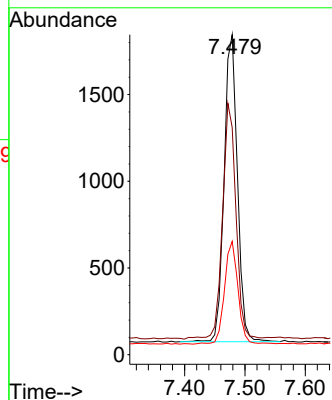
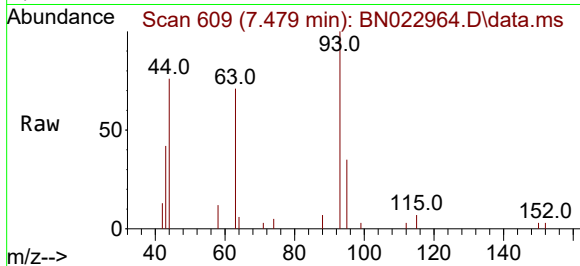




#6
bis(2-Chloroethyl)ether
Concen: 0.128 ng
RT: 7.479 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN022964.D
Acq: 29 Nov 2022 23:49

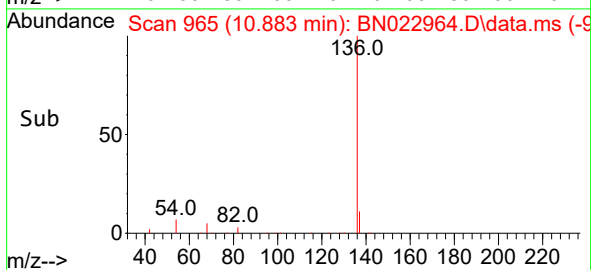
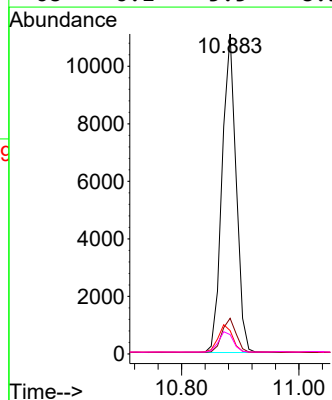
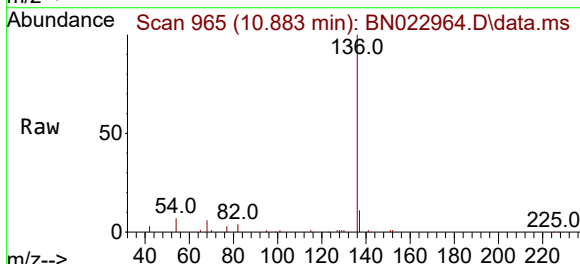
Instrument :
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ClientSampleId :
DUP01-20221115

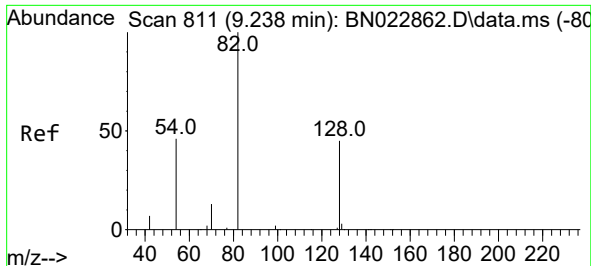
Tgt Ion: 93 Resp: 2708
Ion Ratio Lower Upper
93 100
63 77.7 58.3 87.5
95 34.3 25.8 38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN022964.D
Acq: 29 Nov 2022 23:49

Tgt Ion:136 Resp: 18305
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.3 6.6 9.8
68 6.1 5.5 8.3

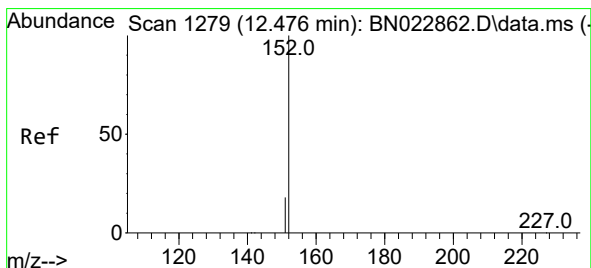
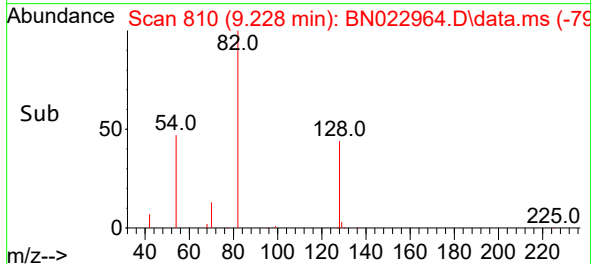
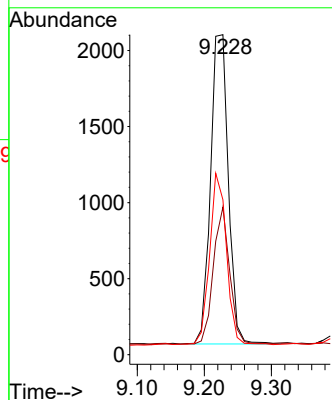
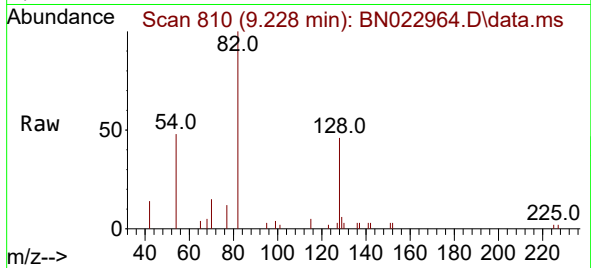




#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 9.228 min Scan# 811
Delta R.T. 0.000 min
Lab File: BN022964.D
Acq: 29 Nov 2022 23:49

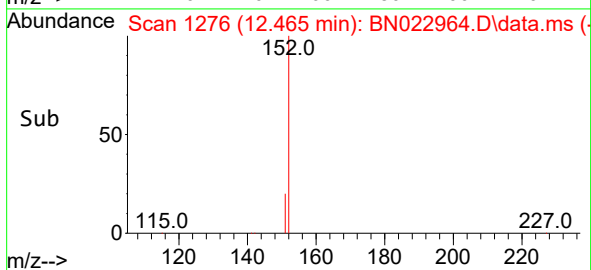
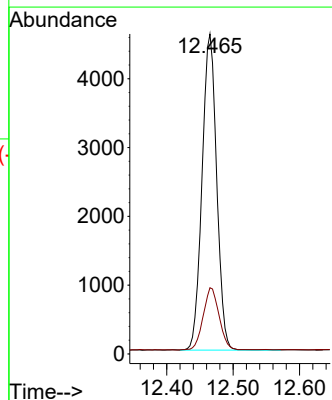
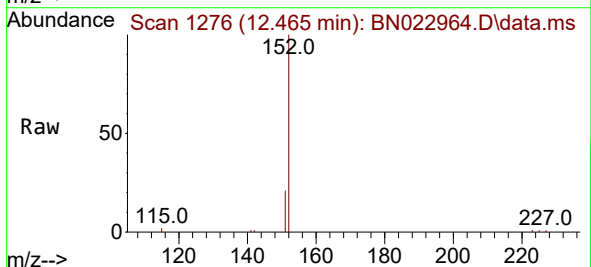
Instrument :
BNA_N
ClientSampleId :
DUP01-20221115

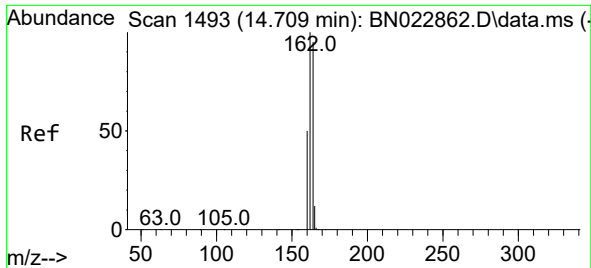
Tgt Ion: 82 Resp: 3741
Ion Ratio Lower Upper
82 100
128 46.1 36.6 54.8
54 48.4 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.244 ng
RT: 12.465 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BN022964.D
Acq: 29 Nov 2022 23:49

Tgt Ion: 152 Resp: 9675
Ion Ratio Lower Upper
152 100
151 16.7 18.6 27.8#

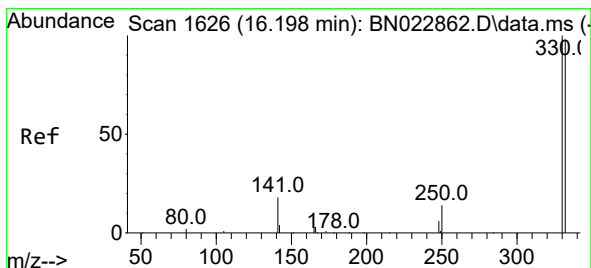
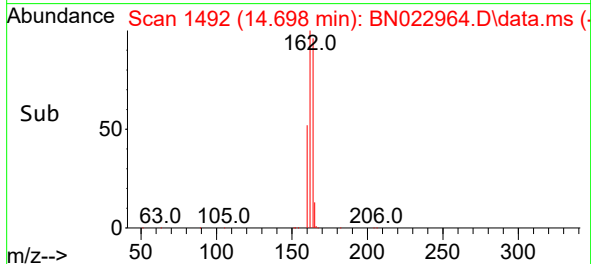
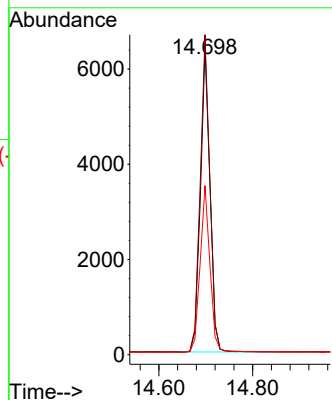
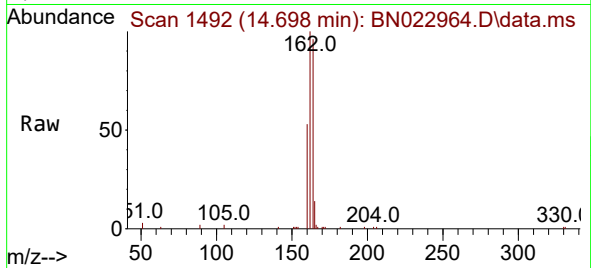




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022964.D
Acq: 29 Nov 2022 23:49

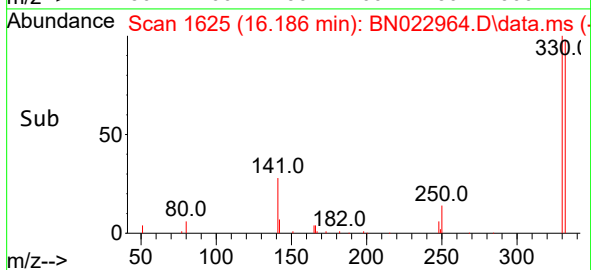
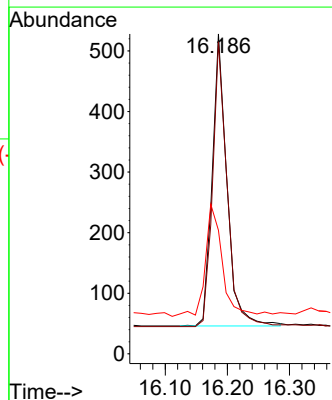
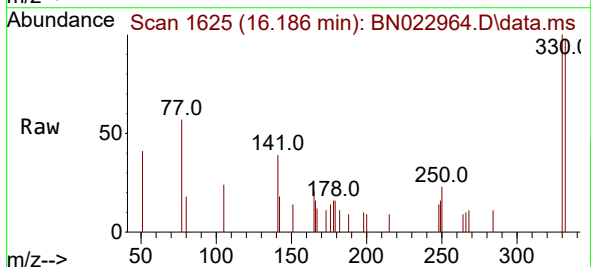
Instrument :
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ClientSampleId :
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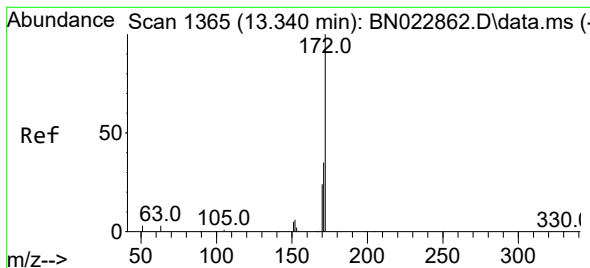
Tgt Ion:164 Resp: 9065
Ion Ratio Lower Upper
164 100
162 104.3 84.2 126.4
160 55.1 42.5 63.7



#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022964.D
Acq: 29 Nov 2022 23:49

Tgt Ion:330 Resp: 797
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 43.5 32.6 48.8





#15

2-Fluorobiphenyl

Concen: 0.295 ng

RT: 13.330 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN022964.D

Acq: 29 Nov 2022 23:49

Instrument :

BNA_N

ClientSampleId :

DUP01-20221115

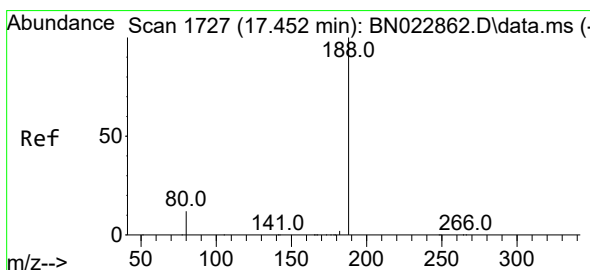
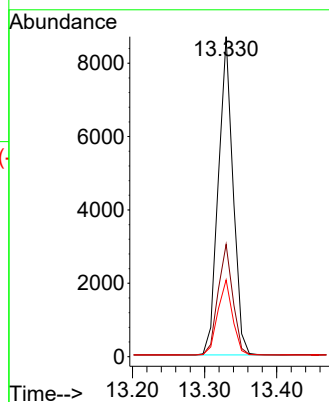
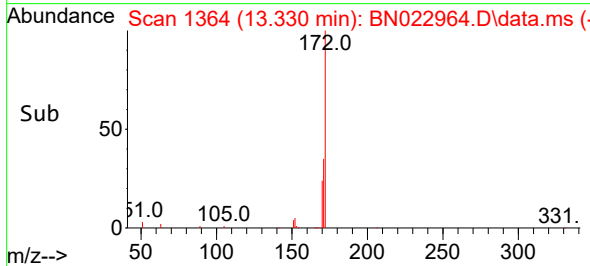
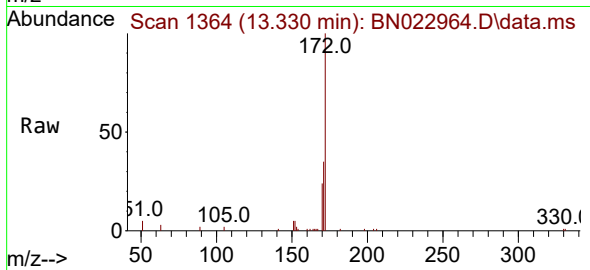
Tgt Ion:172 Resp: 12237

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 24.0 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.439 min Scan# 1726

Delta R.T. 0.000 min

Lab File: BN022964.D

Acq: 29 Nov 2022 23:49

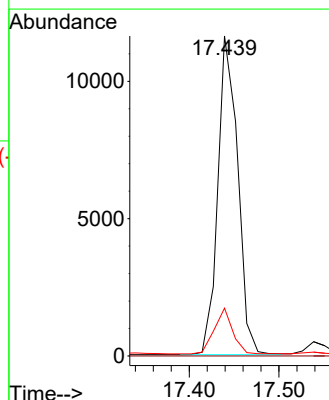
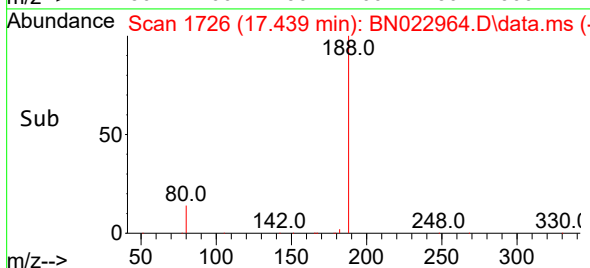
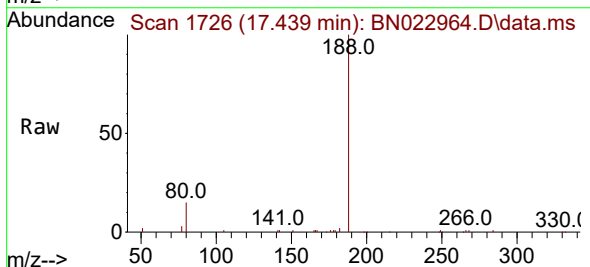
Tgt Ion:188 Resp: 17858

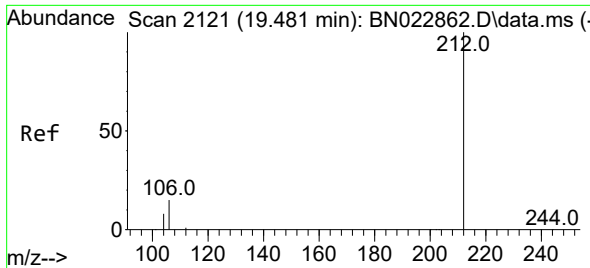
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 10.3 15.5

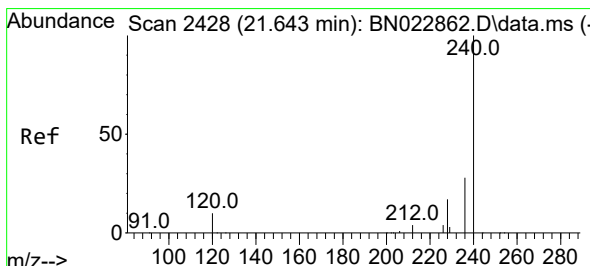
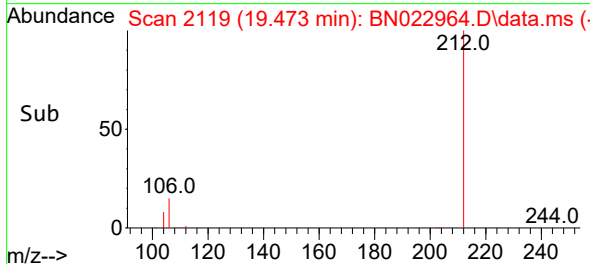
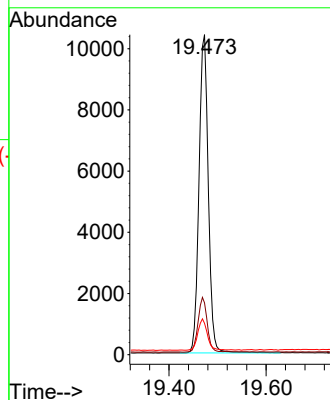
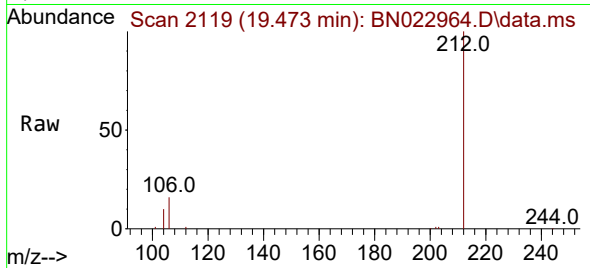




#27
Fluoranthene-d10
Concen: 0.284 ng
RT: 19.473 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN022964.D
Acq: 29 Nov 2022 23:49

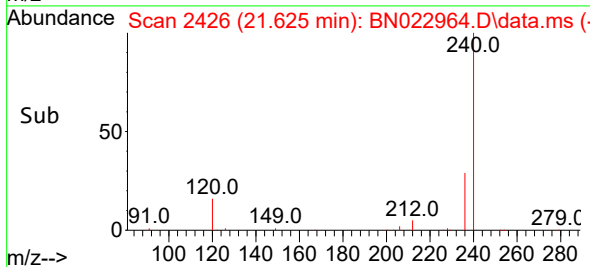
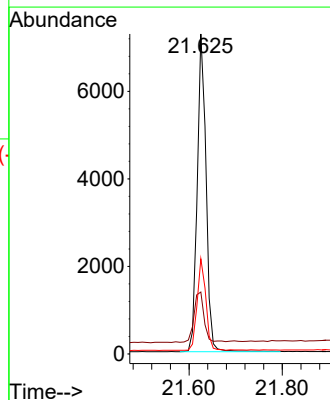
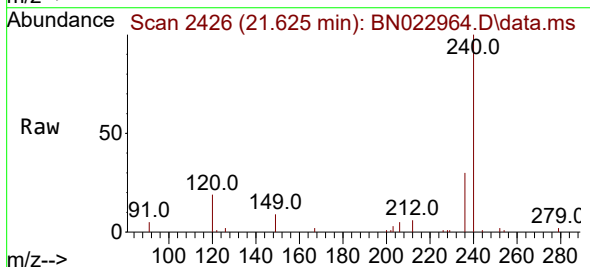
Instrument :
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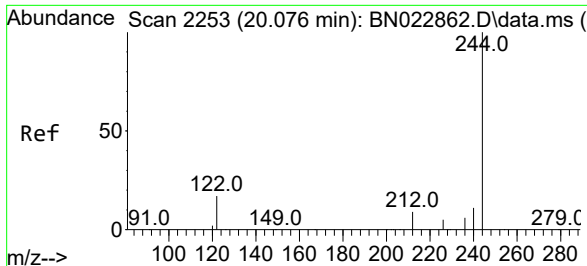
Tgt Ion:212 Resp: 13791
Ion Ratio Lower Upper
212 100
106 17.1 12.3 18.5
104 9.9 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN022964.D
Acq: 29 Nov 2022 23:49

Tgt Ion:240 Resp: 9587
Ion Ratio Lower Upper
240 100
120 19.4 9.2 13.8#
236 29.7 22.6 34.0

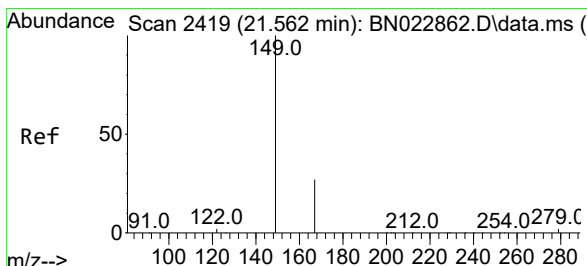
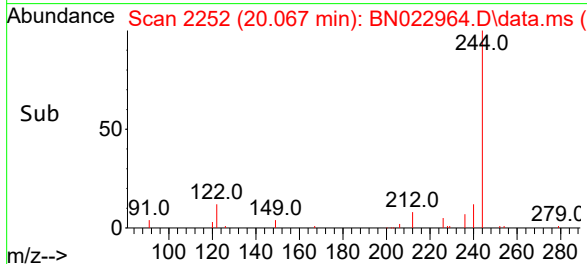
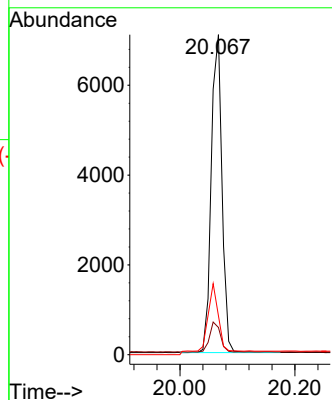
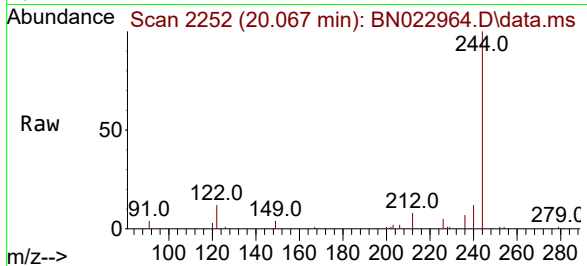




#31
 Terphenyl-d14
 Concen: 0.394 ng
 RT: 20.067 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN022964.D
 Acq: 29 Nov 2022 23:49

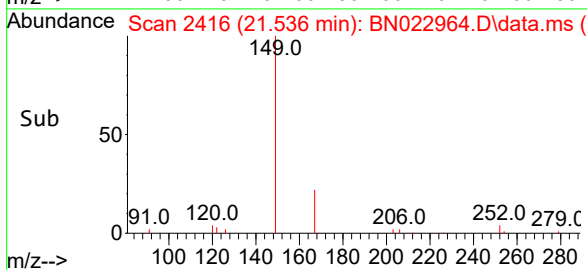
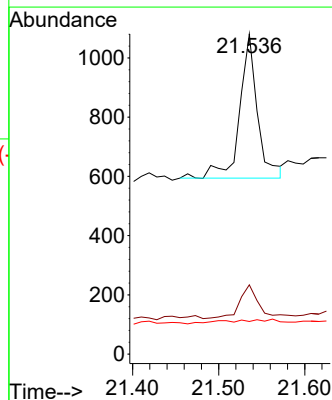
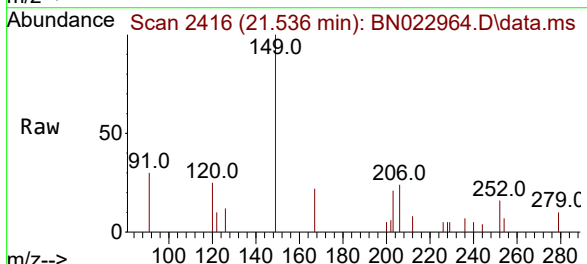
Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20221115

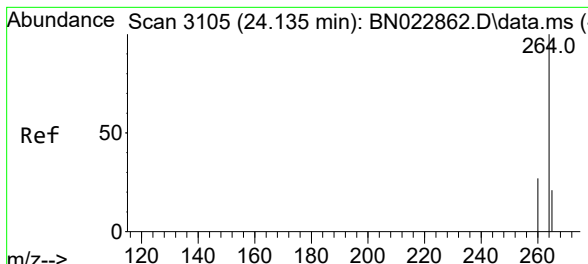
Tgt Ion:244 Resp: 8865
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.9 11.9
 122 12.2 13.9 20.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng
 RT: 21.536 min Scan# 2416
 Delta R.T. -0.004 min
 Lab File: BN022964.D
 Acq: 29 Nov 2022 23:49

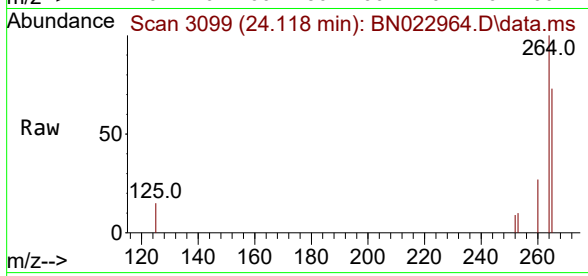
Tgt Ion:149 Resp: 707
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 0.0 2.3 3.5#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.118 min Scan# 30
Delta R.T. 0.005 min
Lab File: BN022964.D
Acq: 29 Nov 2022 23:49

Instrument :
BNA_N
ClientSampleId :
DUP01-20221115



Tgt Ion:264 Resp: 6489

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.7	32.5
265	73.4	31.0	46.4

