

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
 Data File : BN021365.D
 Acq On : 25 Aug 2022 10:20
 Operator : CG/JU
 Sample : N4245-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20220816

Quant Time: Aug 25 16:22:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 06:55:06 2022
 Response via : Initial Calibration

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

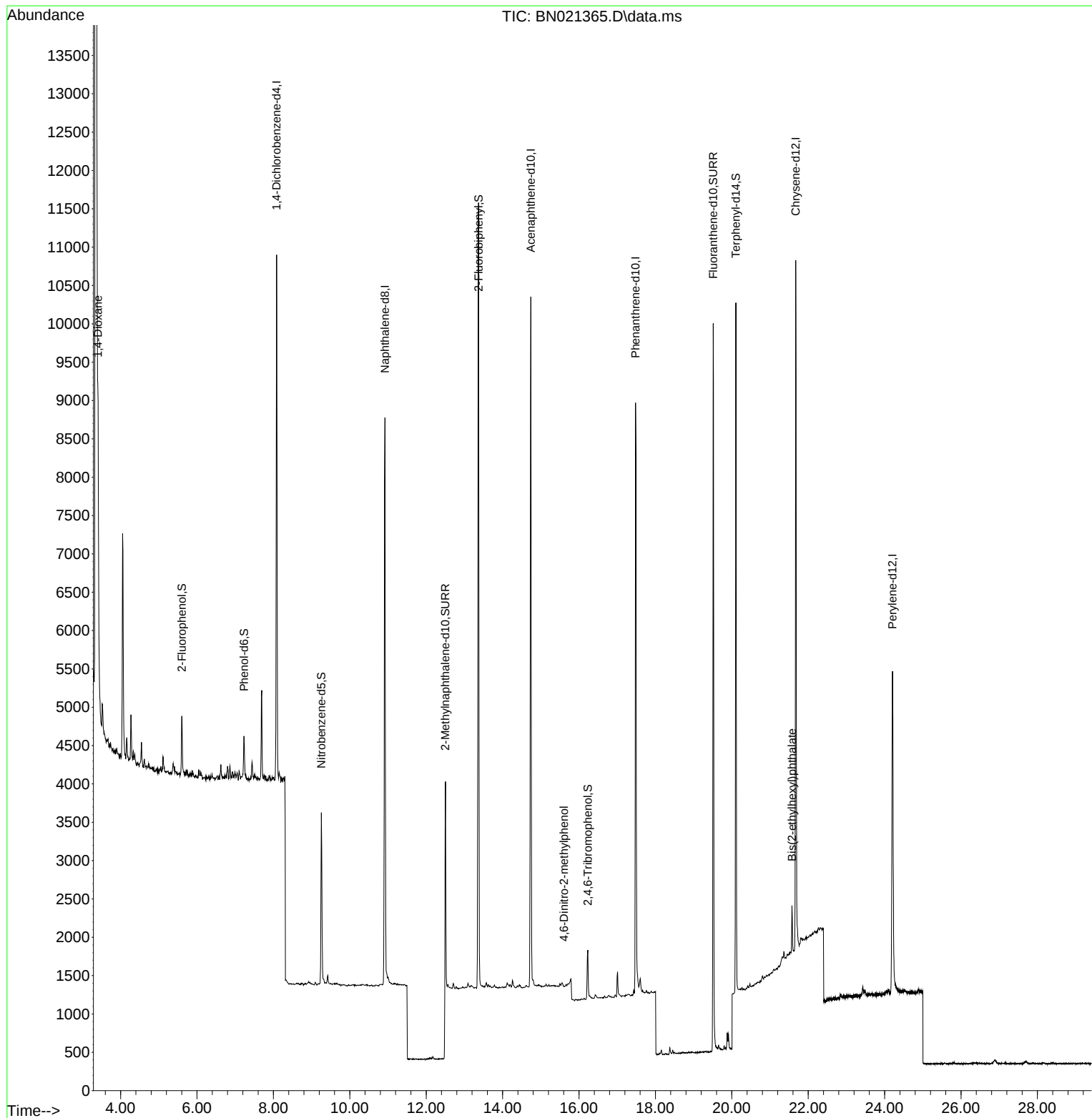
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	3429	0.400	ng	0.00
7) Naphthalene-d8	10.920	136	10343	0.400	ng	0.00
13) Acenaphthene-d10	14.739	164	5384	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	11368	0.400	ng	#-0.01
29) Chrysene-d12	21.673	240	8701	0.400	ng	# 0.00
35) Perylene-d12	24.203	264	6935	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	715	0.077	ng	0.00
5) Phenol-d6	7.231	99	566	0.049	ng	0.00
8) Nitrobenzene-d5	9.254	82	1960	0.250	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	5204	0.298	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	433	0.176	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	9904	0.411	ng	0.00
27) Fluoranthene-d10	19.514	212	10494	0.309	ng	0.00
31) Terphenyl-d14	20.106	244	7723	0.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	1501	0.316	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.605	198	1	0.067	ng	94
34) Bis(2-ethylhexyl)phtha...	21.574	149	645	0.041	ng	# 94

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

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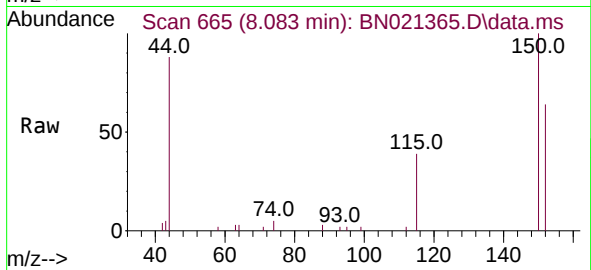
Quant Time: Aug 25 16:22:41 2022
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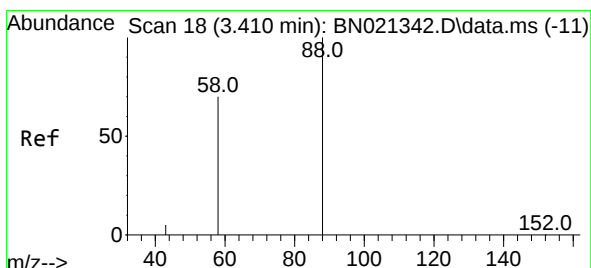
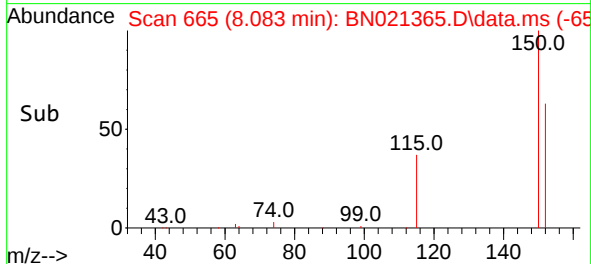
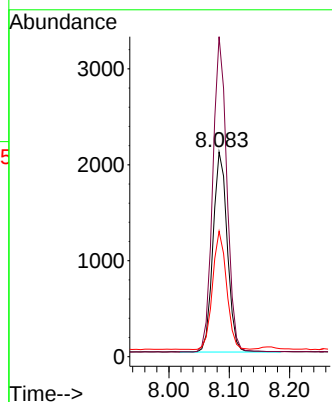


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 666
 Delta R.T. -0.007 min
 Lab File: BN021365.D
 Acq: 25 Aug 2022 10:20

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20220816

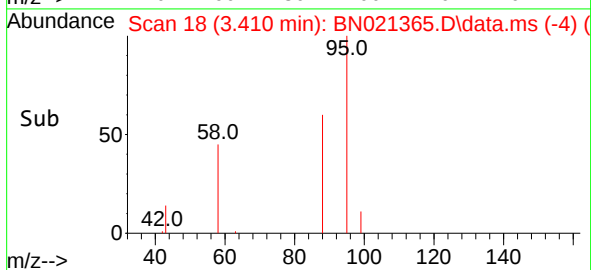
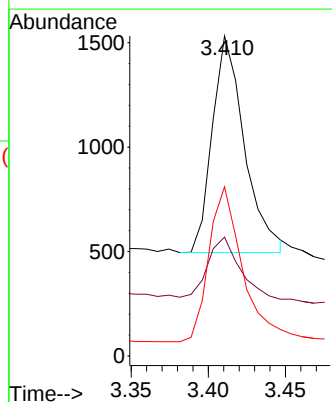
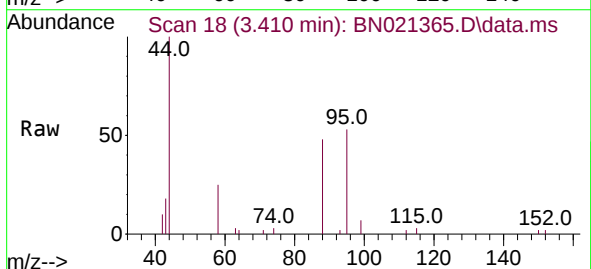


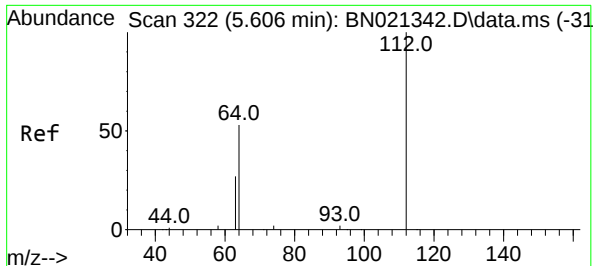
Tgt Ion:152 Resp: 3429
 Ion Ratio Lower Upper
 152 100
 150 156.4 121.4 182.0
 115 61.3 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.316 ng
 RT: 3.410 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN021365.D
 Acq: 25 Aug 2022 10:20

Tgt Ion: 88 Resp: 1501
 Ion Ratio Lower Upper
 88 100
 43 28.7 35.8 53.8#
 58 74.4 57.1 85.7





#4

2-Fluorophenol

Concen: 0.077 ng

RT: 5.606 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN021365.D

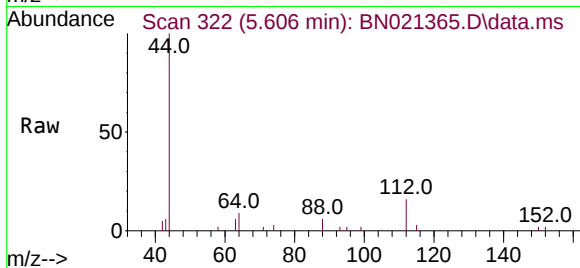
Acq: 25 Aug 2022 10:20

Instrument :

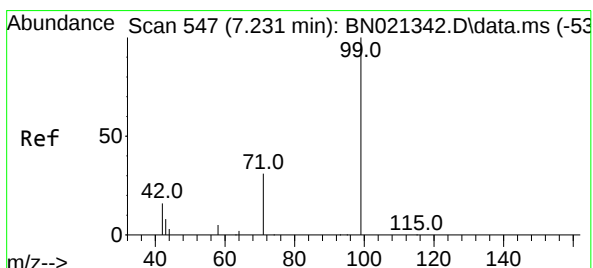
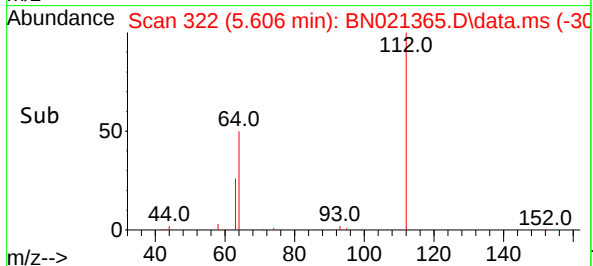
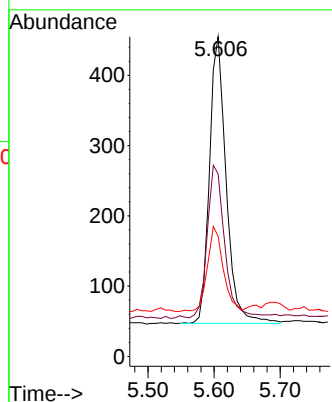
BNA_N

ClientSampleId :

DUP04-20220816



Tgt Ion:	112	Resp:	715
Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.5	65.3
63	28.1	22.6	34.0



#5

Phenol-d6

Concen: 0.049 ng

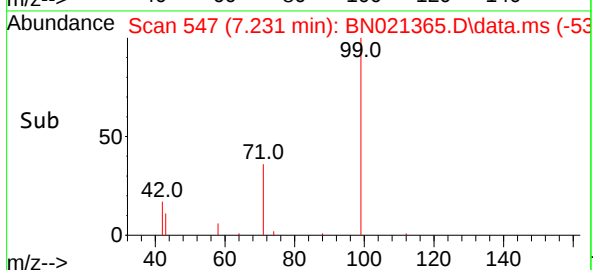
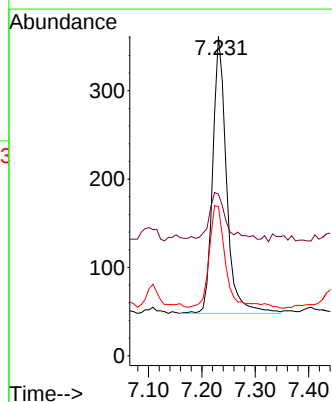
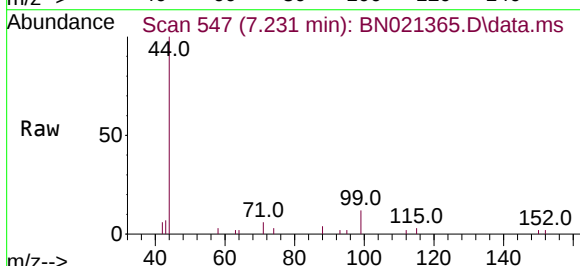
RT: 7.231 min Scan# 547

Delta R.T. 0.000 min

Lab File: BN021365.D

Acq: 25 Aug 2022 10:20

Tgt Ion:	99	Resp:	566
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.5	23.3
71	44.5	24.2	36.2

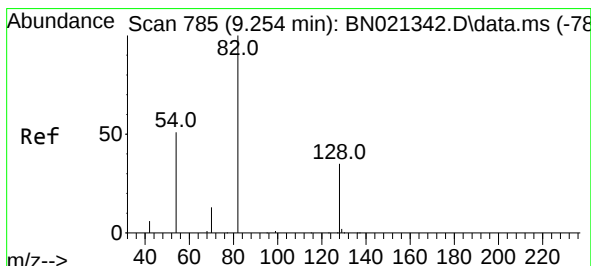
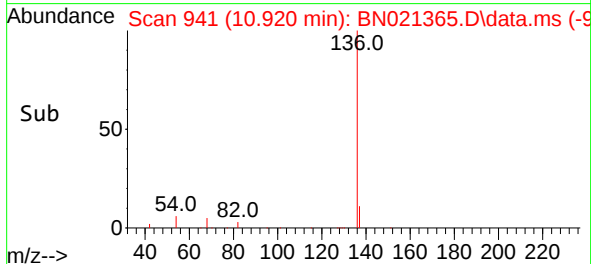
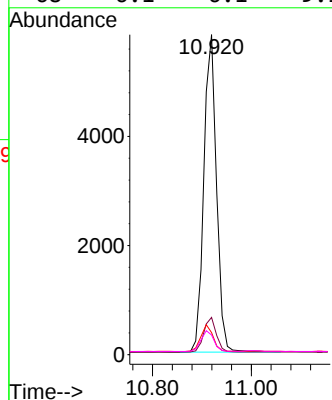
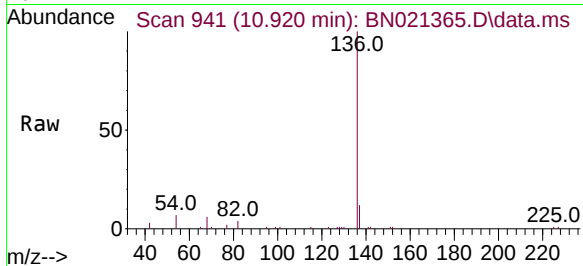




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.920 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN021365.D
Acq: 25 Aug 2022 10:20

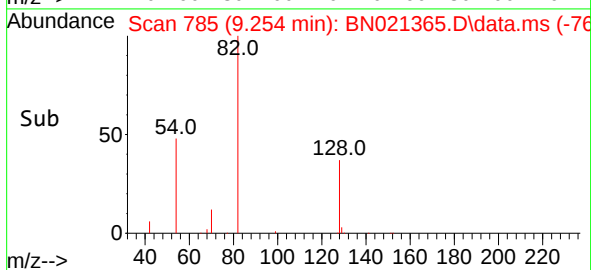
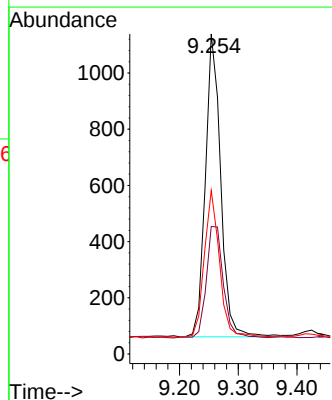
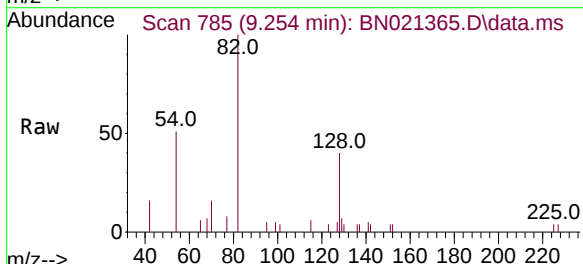
Instrument :
BNA_N
ClientSampleId :
DUP04-20220816

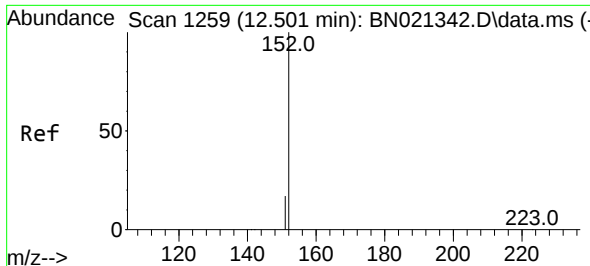
Tgt Ion:	136	Resp:	10343
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	6.9	6.9	10.3
68	6.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021365.D
Acq: 25 Aug 2022 10:20

Tgt Ion:	82	Resp:	1960
Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.9	46.3
54	51.1	42.7	64.1

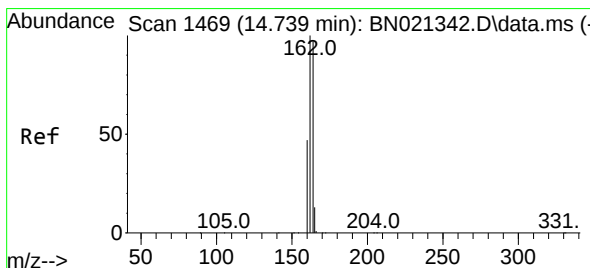
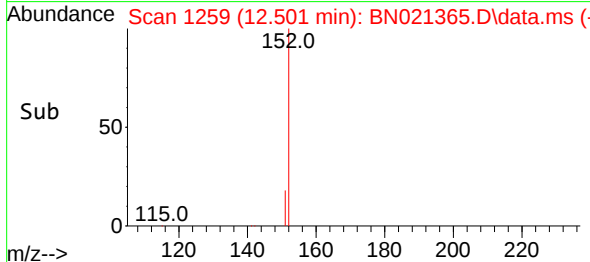
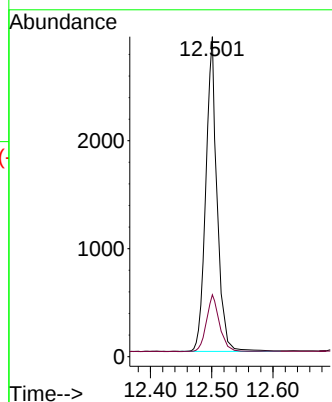
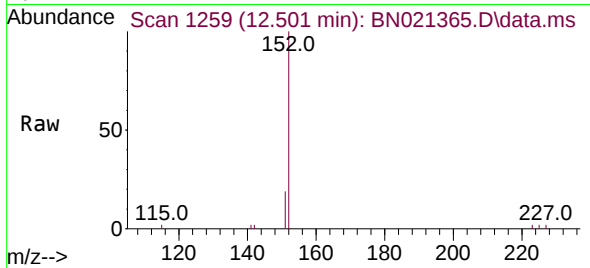




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.501 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BN021365.D
Acq: 25 Aug 2022 10:20

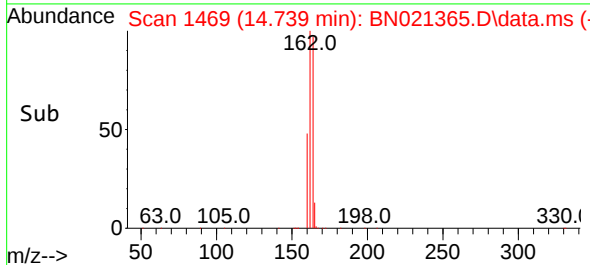
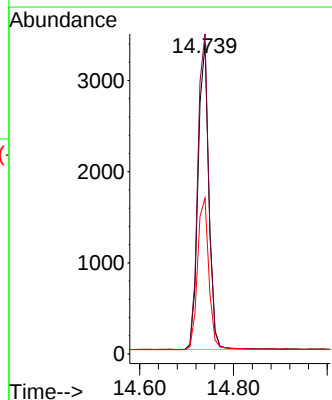
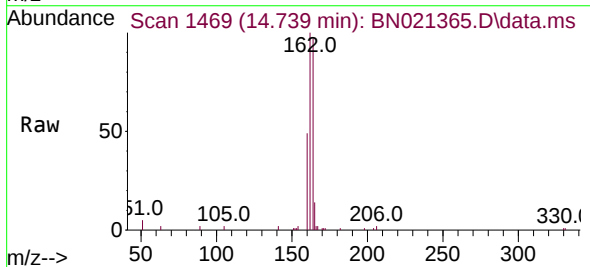
Instrument :
BNA_N
ClientSampleId :
DUP04-20220816

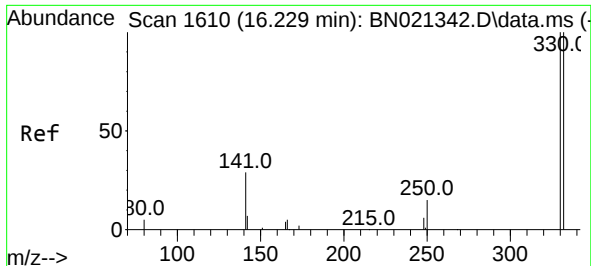
Tgt Ion:152 Resp: 5204
Ion Ratio Lower Upper
152 100
151 16.5 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.739 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BN021365.D
Acq: 25 Aug 2022 10:20

Tgt Ion:164 Resp: 5384
Ion Ratio Lower Upper
164 100
162 103.1 82.2 123.4
160 50.1 39.5 59.3

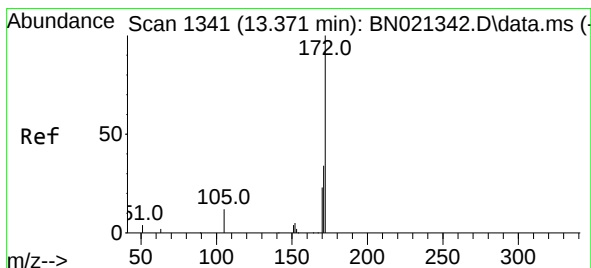
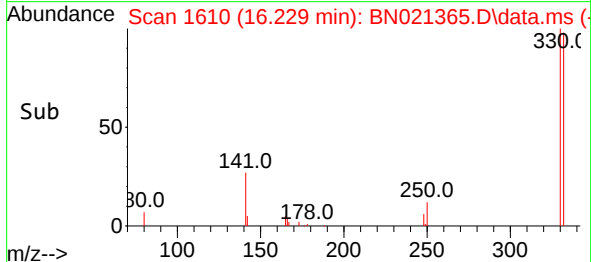
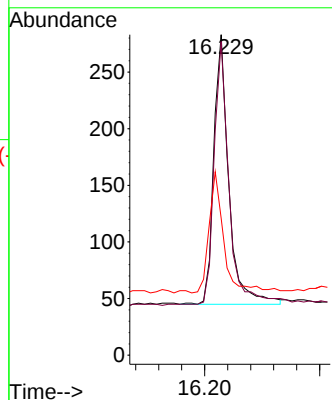
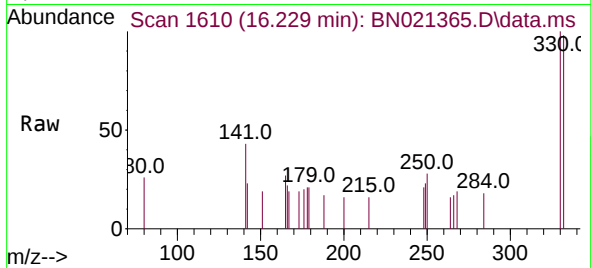




#14
2,4,6-Tribromophenol
Concen: 0.176 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN021365.D
Acq: 25 Aug 2022 10:20

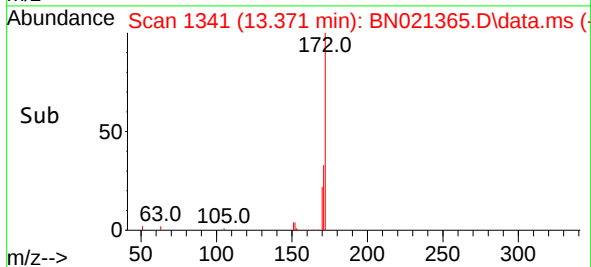
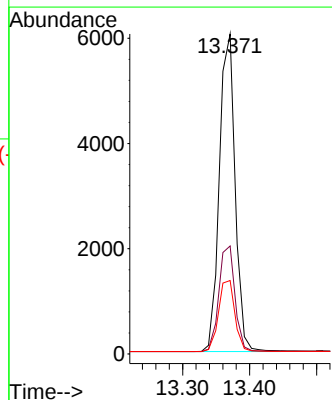
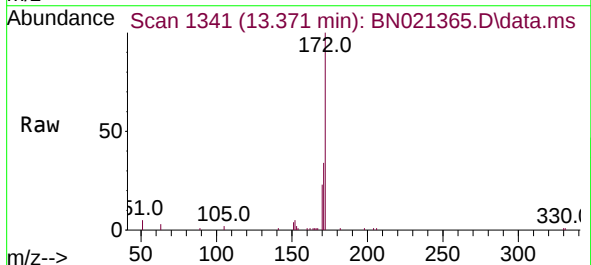
Instrument :
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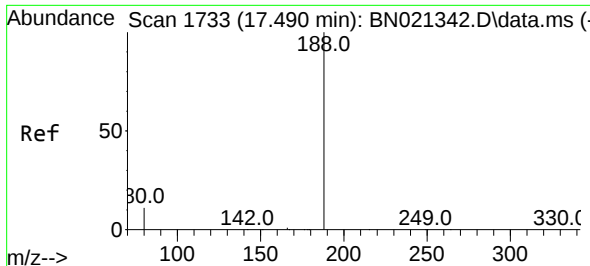
Tgt Ion:330 Resp: 433
Ion Ratio Lower Upper
330 100
332 96.3 79.3 118.9
141 44.8 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.371 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN021365.D
Acq: 25 Aug 2022 10:20

Tgt Ion:172 Resp: 9904
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.6
170 23.0 18.6 28.0

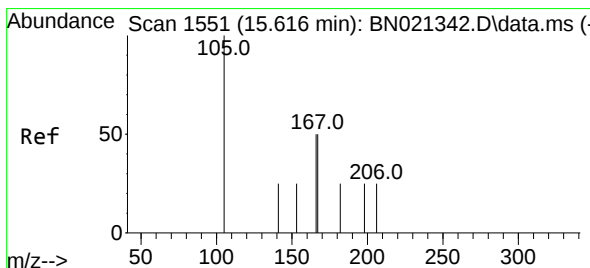
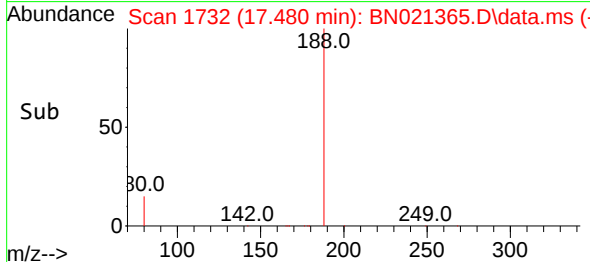
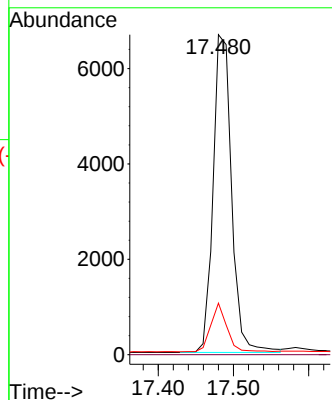
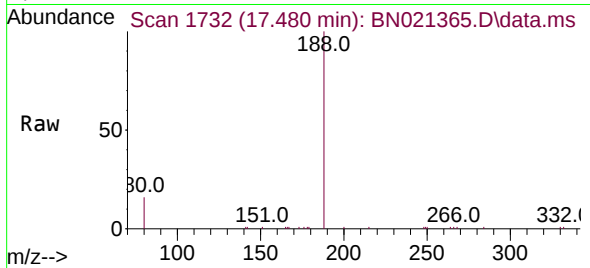




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN021365.D
Acq: 25 Aug 2022 10:20

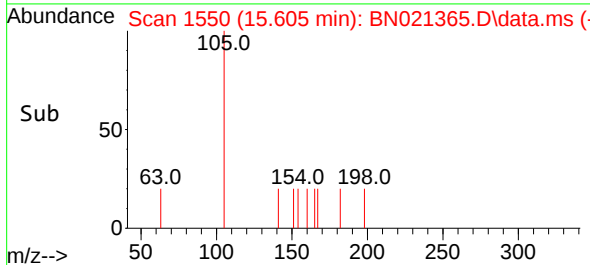
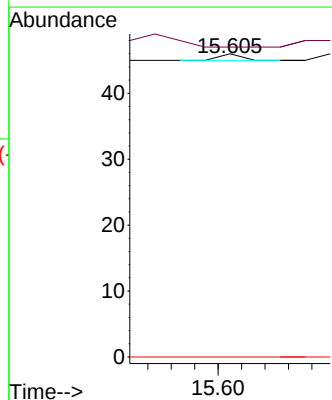
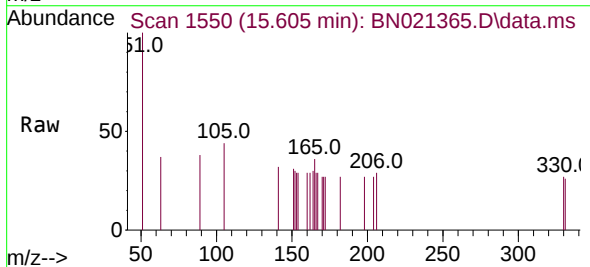
Instrument :
BNA_N
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DUP04-20220816

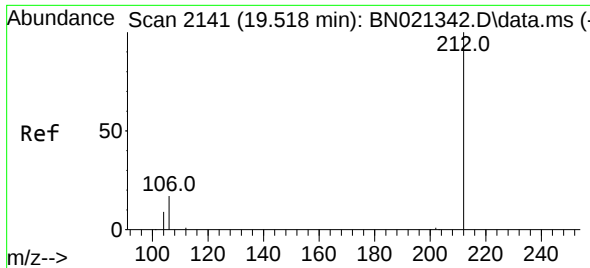
Tgt Ion:188 Resp: 11368
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.1 9.5 14.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.067 ng
RT: 15.605 min Scan# 1550
Delta R.T. -0.011 min
Lab File: BN021365.D
Acq: 25 Aug 2022 10:20

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 102.2 86.6 130.0
77 0.0 0.0 0.0

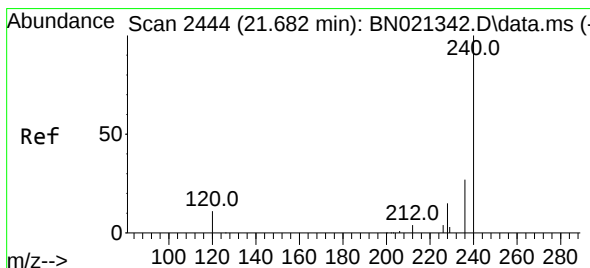
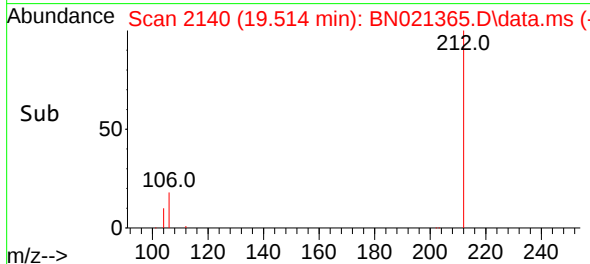
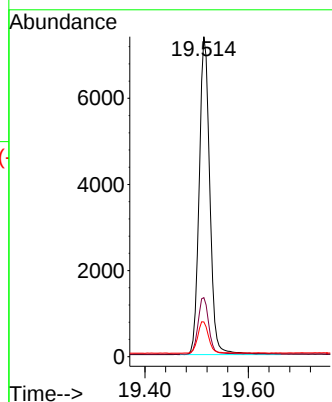
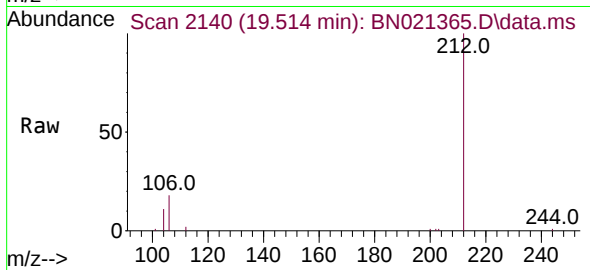




#27
Fluoranthene-d10
Concen: 0.309 ng
RT: 19.514 min Scan# 2141
Delta R.T. -0.004 min
Lab File: BN021365.D
Acq: 25 Aug 2022 10:20

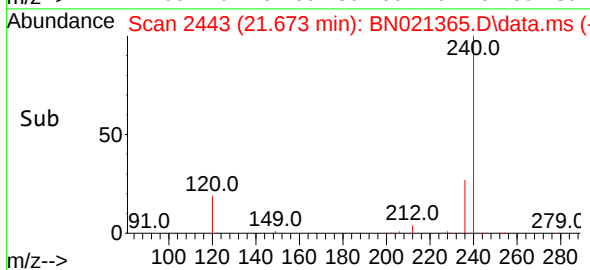
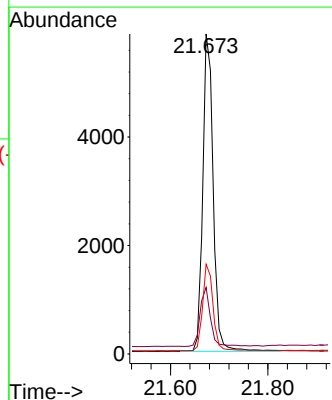
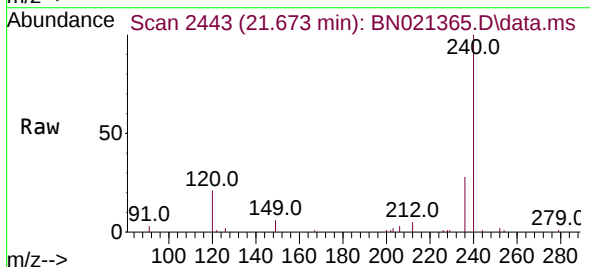
Instrument :
BNA_N
ClientSampleId :
DUP04-20220816

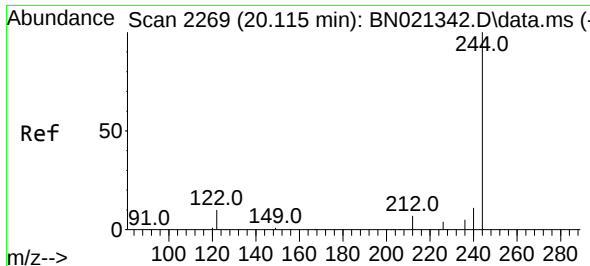
Tgt Ion:212 Resp: 10494
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.3 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN021365.D
Acq: 25 Aug 2022 10:20

Tgt Ion:240 Resp: 8701
Ion Ratio Lower Upper
240 100
120 20.8 10.2 15.4#
236 28.0 22.1 33.1

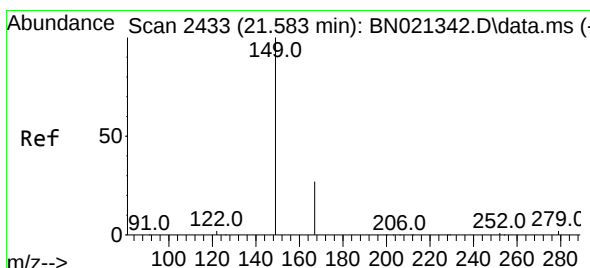
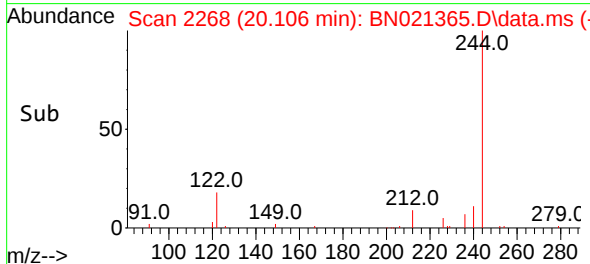
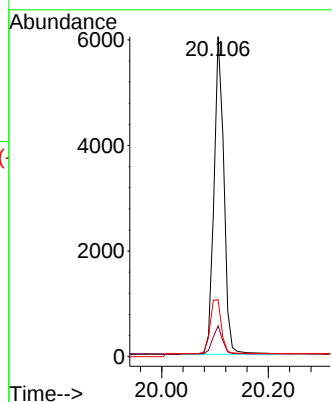
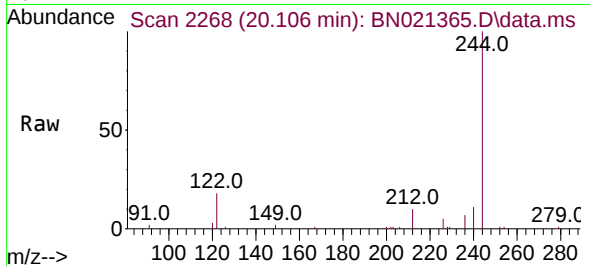




#31
 Terphenyl-d14
 Concen: 0.420 ng
 RT: 20.106 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021365.D
 Acq: 25 Aug 2022 10:20

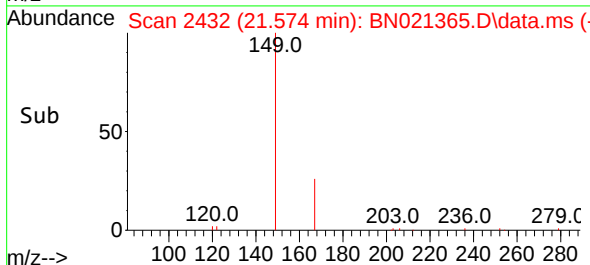
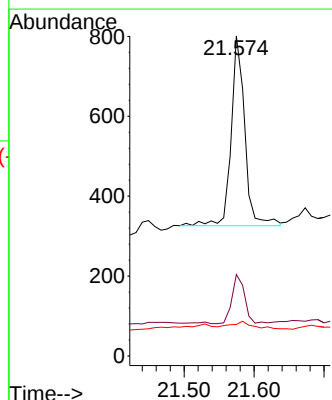
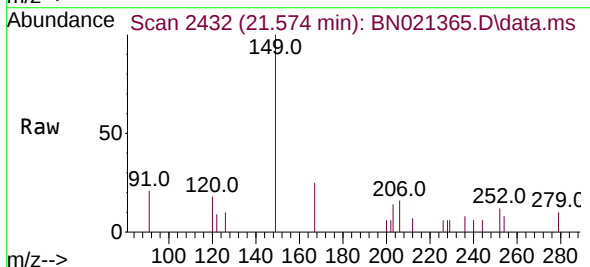
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20220816

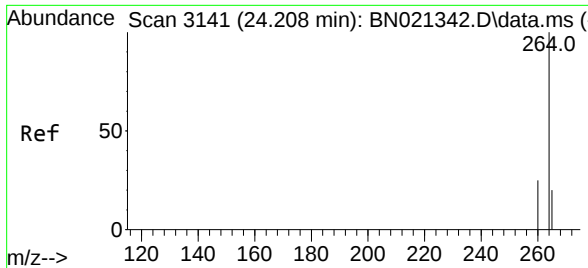
Tgt Ion:244 Resp: 7723
 Ion Ratio Lower Upper
 244 100
 212 9.6 6.5 9.7
 122 17.8 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.041 ng
 RT: 21.574 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN021365.D
 Acq: 25 Aug 2022 10:20

Tgt Ion:149 Resp: 645
 Ion Ratio Lower Upper
 149 100
 167 23.9 21.4 32.0
 279 5.9 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.203 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN021365.D
 Acq: 25 Aug 2022 10:20

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20220816

Tgt Ion:264 Resp: 6935
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.0 31.6
 265 43.2 32.2 48.2

