

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022621\
 Data File : BN013788.D
 Acq On : 26 Feb 2021 18:07
 Operator : CG/JU
 Sample : M1504-02DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW805-20-25-022521DL

Quant Time: Feb 26 22:45:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

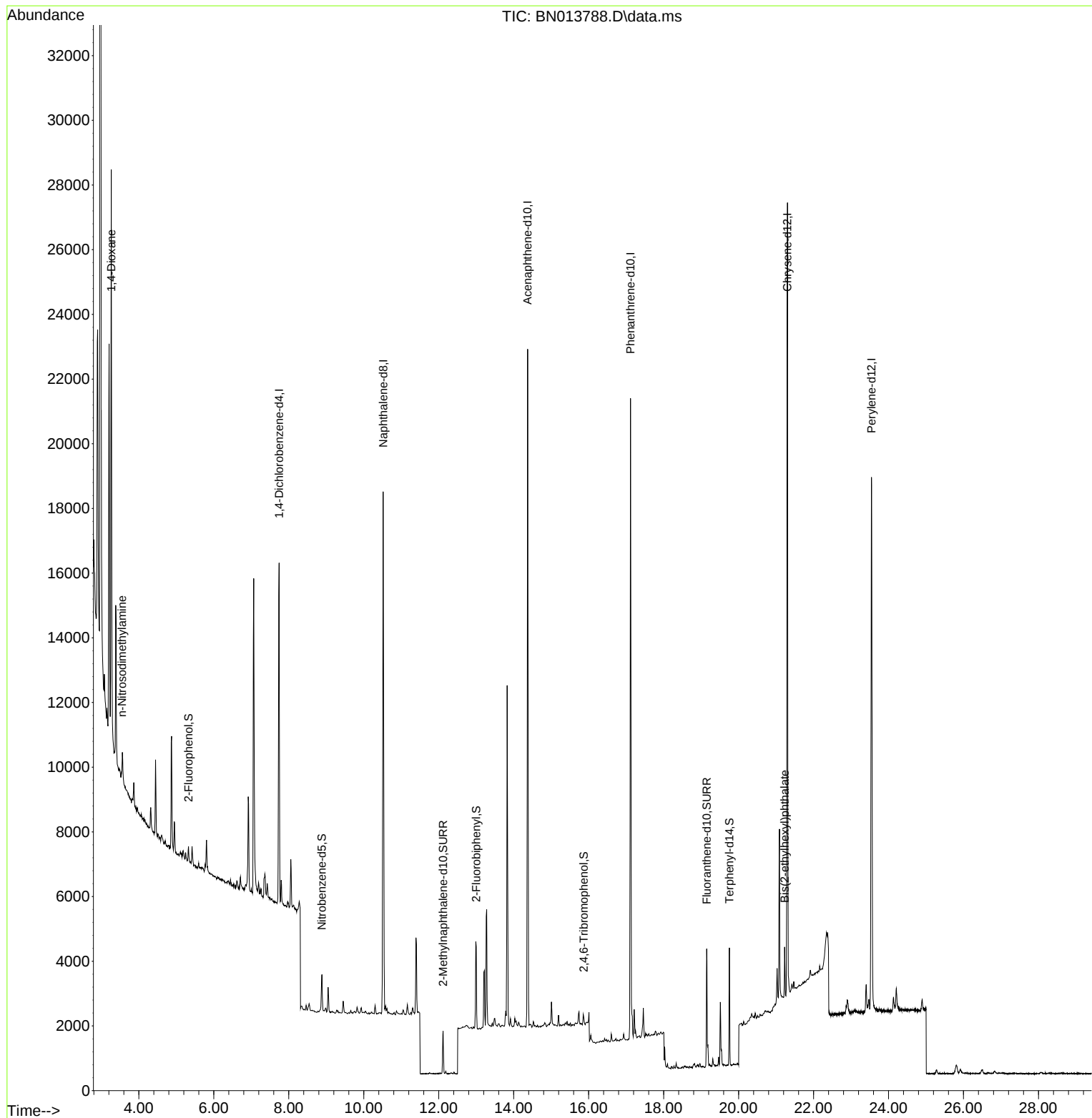
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5016	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	20379	0.40	ng	#-0.01
13) Acenaphthene-d10	14.372	164	11449	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	25253	0.40	ng	-0.01
29) Chrysene-d12	21.303	240	23824	0.40	ng	# 0.00
36) Perylene-d12	23.544	264	22386	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	364	0.03	ng	0.00
5) Phenol-d6	6.895	99	286	0.02	ng	0.00
8) Nitrobenzene-d5	8.883	82	925	0.07	ng	0.00
11) 2-Methylnaphthalene-d10	12.115	152	1696	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	218	0.05	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	2537	0.06	ng	0.00
27) Fluoranthene-d10	19.149	212	3969	0.05	ng	0.00
31) Terphenyl-d14	19.754	244	3470	0.07	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.263	88	10046	1.66	ng	# 93
3) n-Nitrosodimethylamine	3.553	42	234	0.05	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.229	149	1390	0.04	ng	# 96

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

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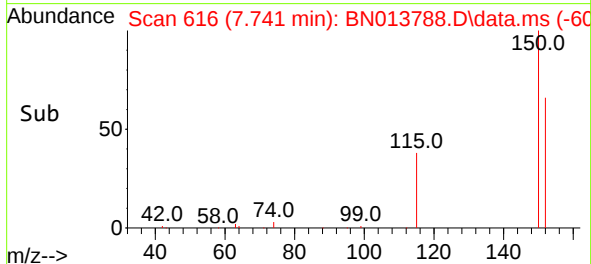
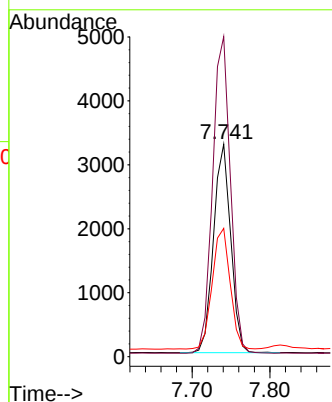
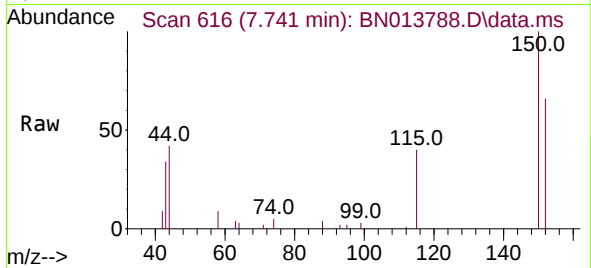




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

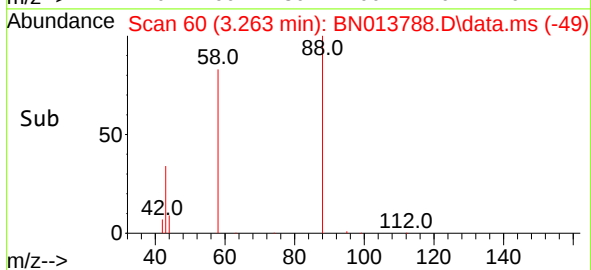
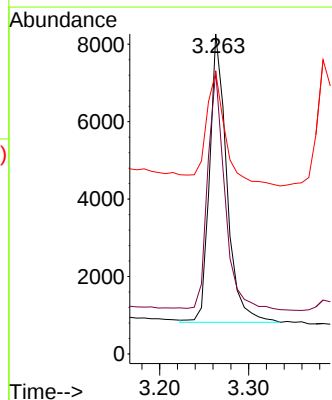
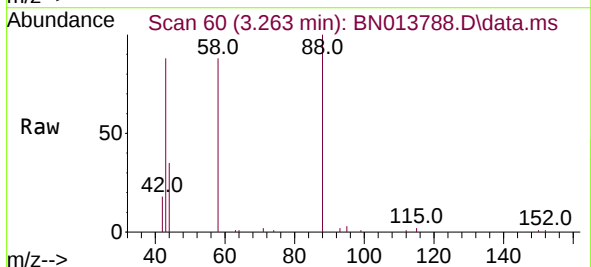
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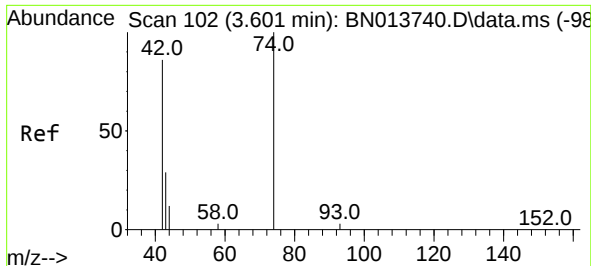
Tgt Ion:152 Resp: 5016
Ion Ratio Lower Upper
152 100
150 150.6 121.8 182.8
115 60.4 46.6 69.8



#2
1,4-Dioxane
Concen: 1.66 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

Tgt Ion: 88 Resp: 10046
Ion Ratio Lower Upper
88 100
58 81.8 64.6 96.8
43 44.9 26.6 40.0#

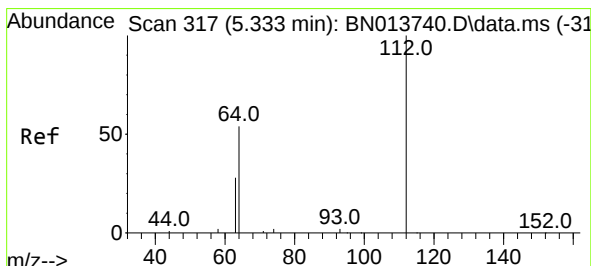
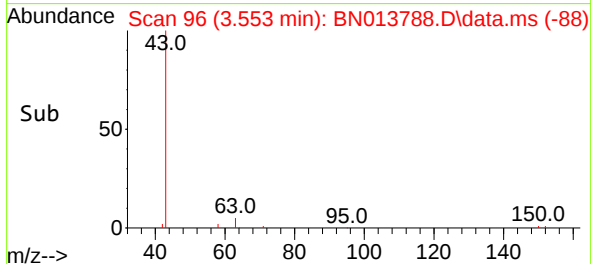
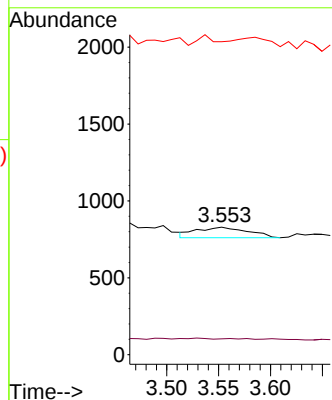
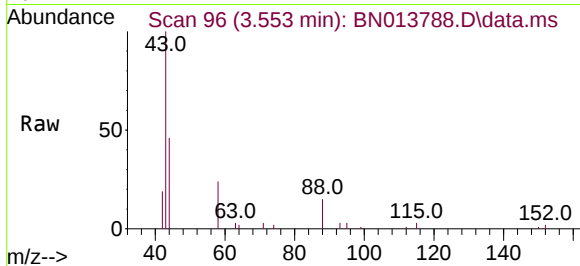




#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.553 min Scan# 96
Delta R.T. -0.032 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

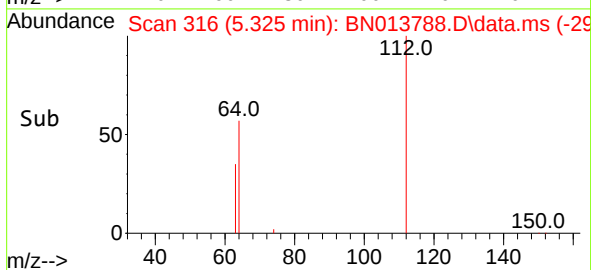
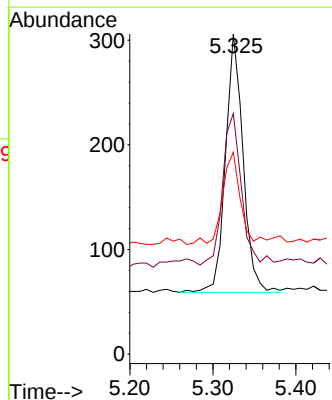
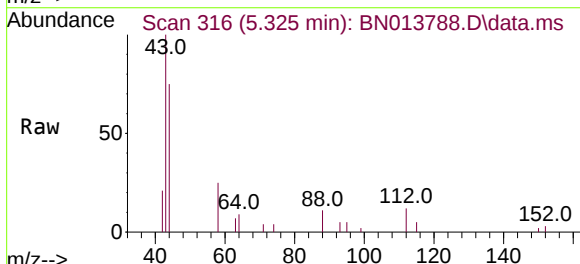
Instrument :
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ClientSampleId :
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Tgt Ion: 42 Resp: 234
Ion Ratio Lower Upper
42 100
74 2.6 95.0 142.6#
44 0.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.03 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

Tgt Ion: 112 Resp: 364
Ion Ratio Lower Upper
112 100
64 63.5 44.3 66.5
63 36.5 23.0 34.6#

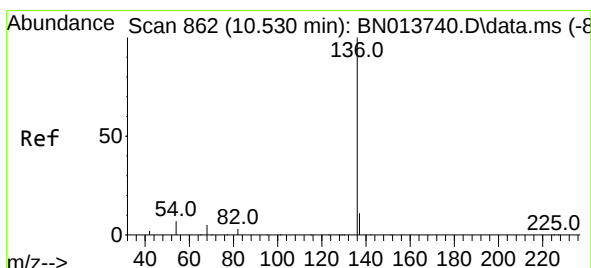
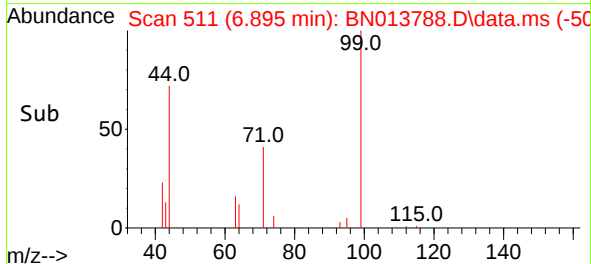
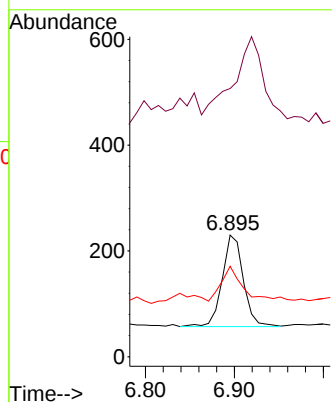
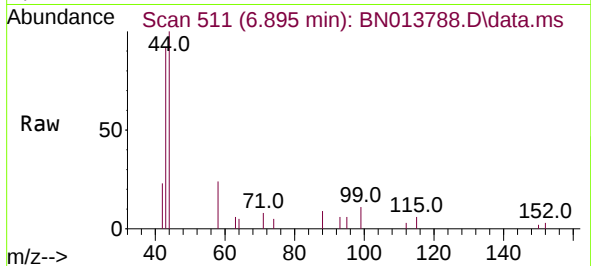




#5
Phenol-d6
Concen: 0.02 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

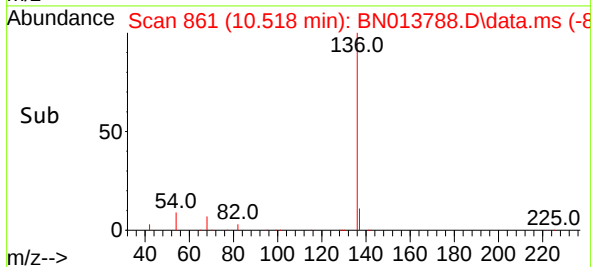
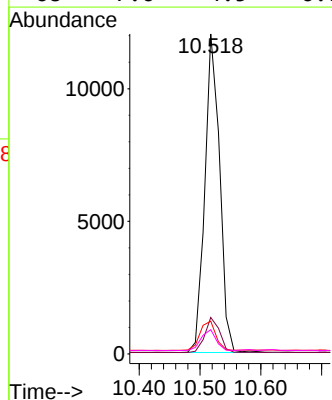
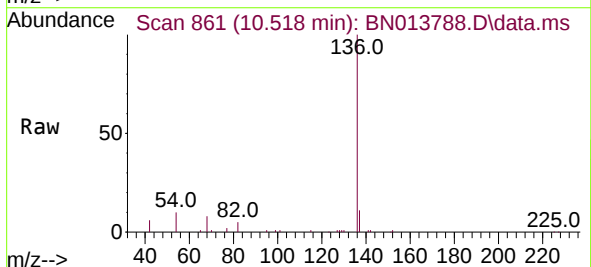
Instrument :
BNA_N
ClientSampleId :
GW805-20-25-022521DL

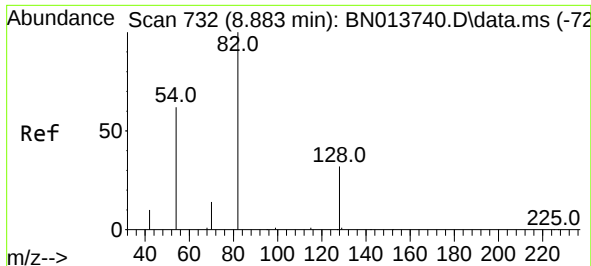
Tgt Ion: 99 Resp: 286
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 39.2 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

Tgt Ion: 136 Resp: 20379
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 10.2 6.4 9.6#
68 7.6 4.5 6.7#

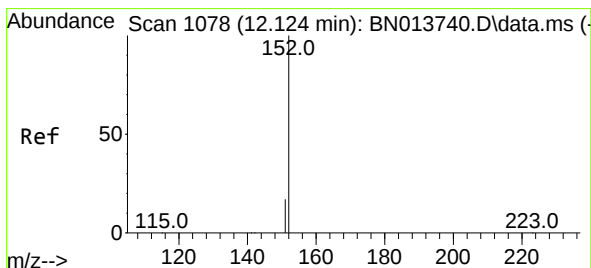
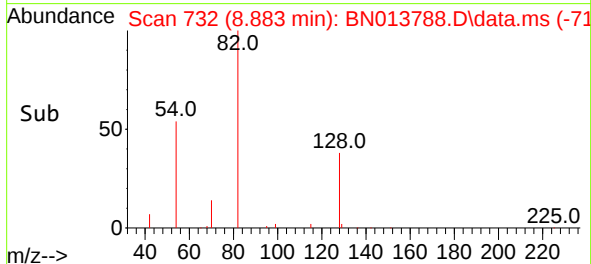
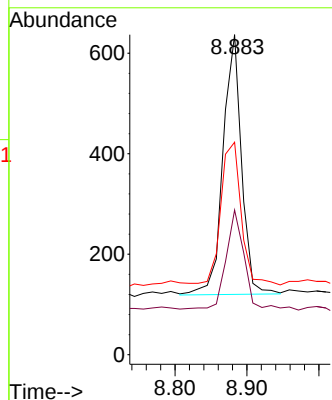
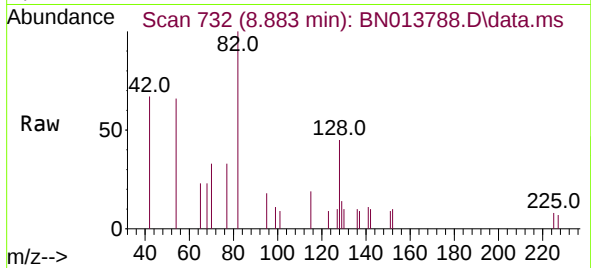




#8
Nitrobenzene-d5
Concen: 0.07 ng
RT: 8.883 min Scan# 732
Delta R.T. 0.000 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

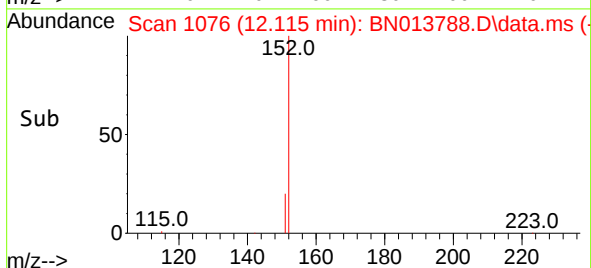
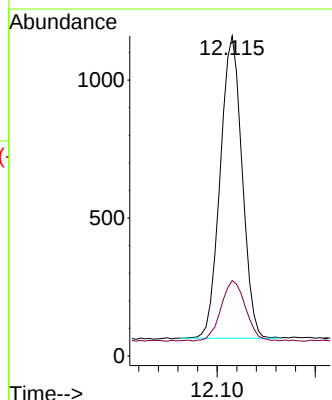
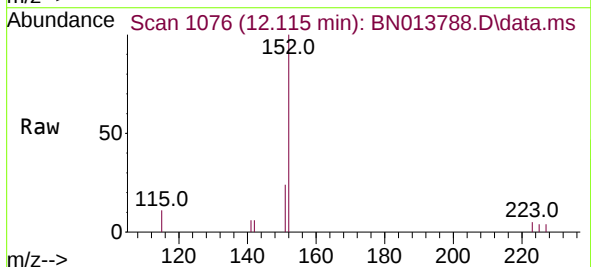
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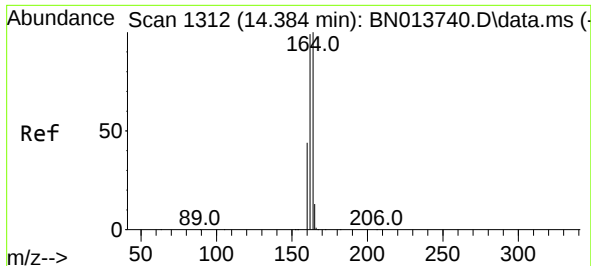
Tgt Ion: 82 Resp: 925
Ion Ratio Lower Upper
82 100
128 45.2 39.2 58.8
54 66.4 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 12.115 min Scan# 1076
Delta R.T. -0.004 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

Tgt Ion: 152 Resp: 1696
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.2

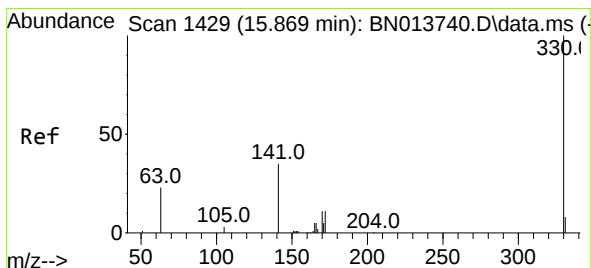
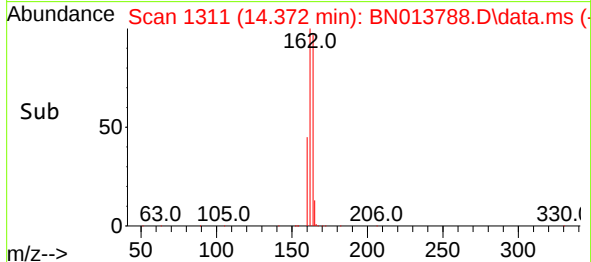
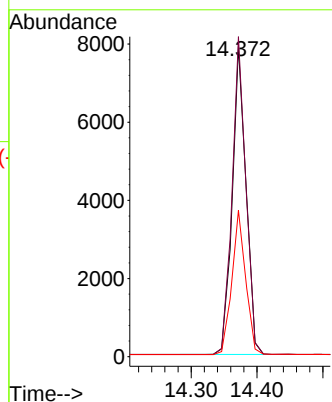
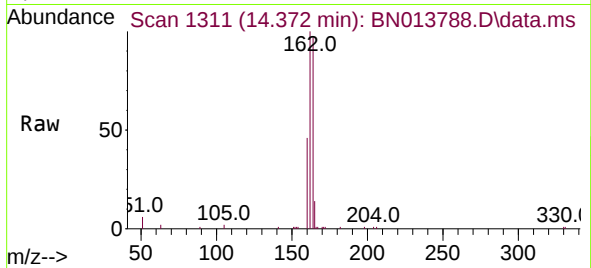




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

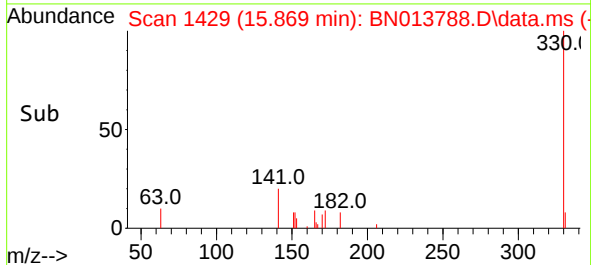
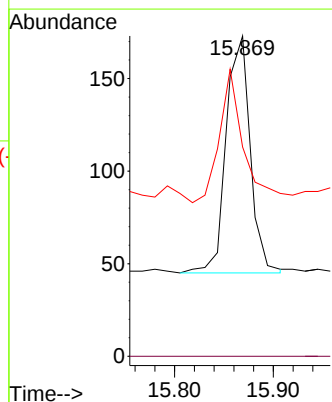
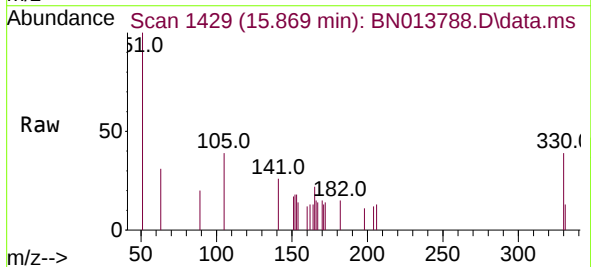
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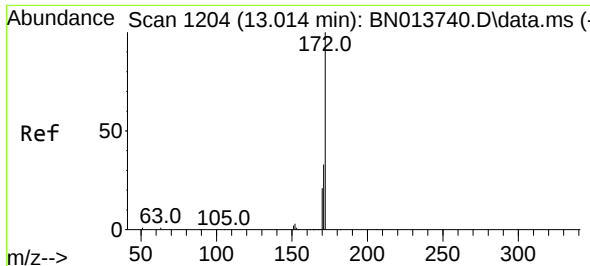
Tgt Ion:164 Resp: 11449
Ion Ratio Lower Upper
164 100
162 103.2 79.6 119.4
160 47.2 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.05 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

Tgt Ion:330 Resp: 218
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 56.9 26.8 40.2#

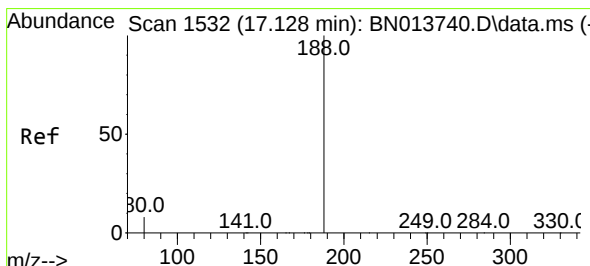
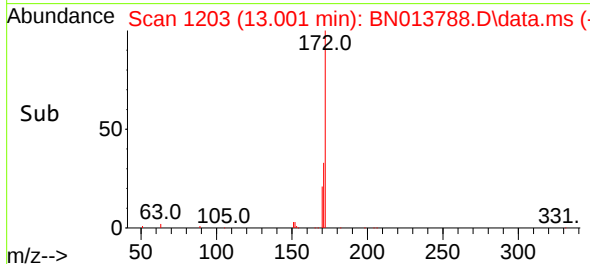
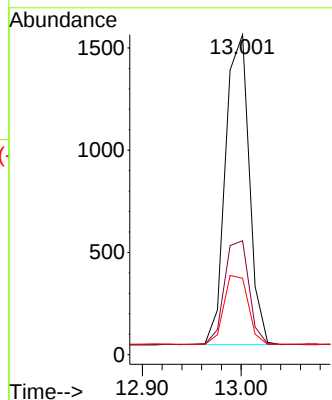
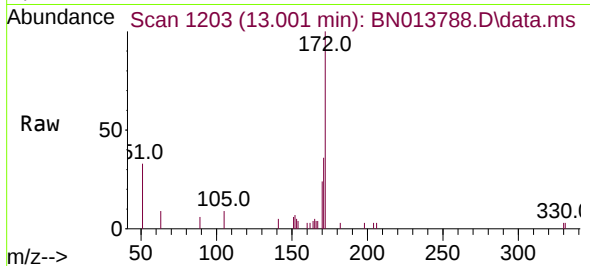




#15
2-Fluorobiphenyl
Concen: 0.06 ng
RT: 13.001 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

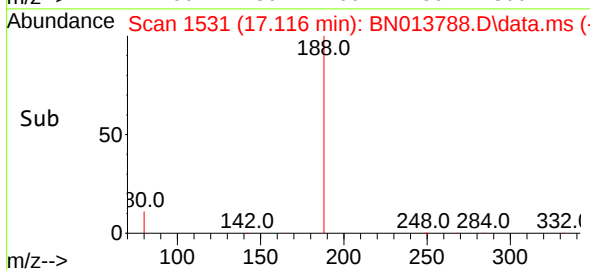
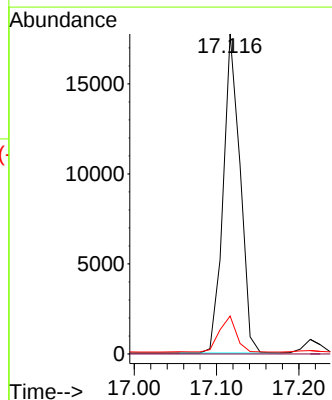
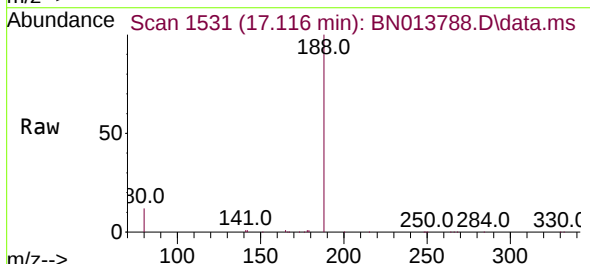
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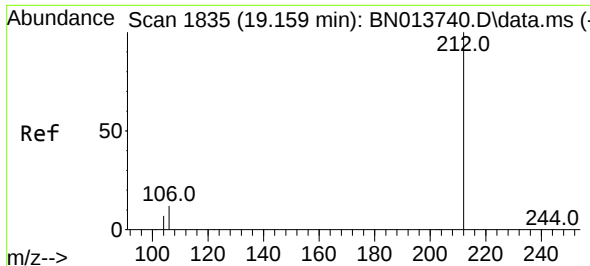
Tgt Ion:172	Resp:	2537
Ion Ratio	Lower	Upper
172	100	
171	35.6	28.6 42.8
170	23.9	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

Tgt Ion:188	Resp:	25253
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.8	9.0 13.6

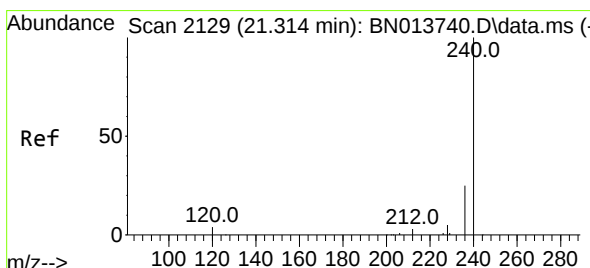
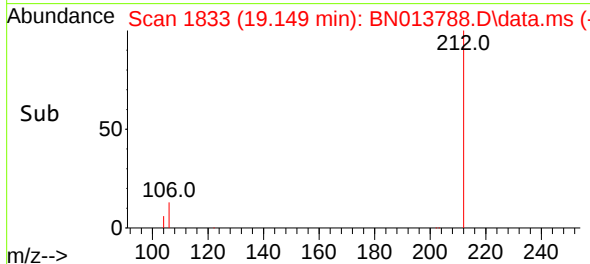
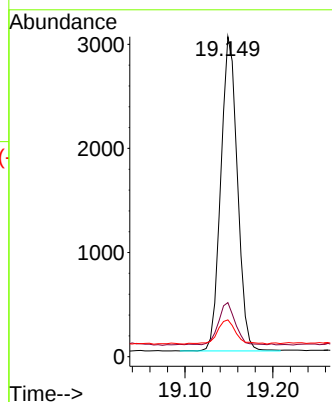
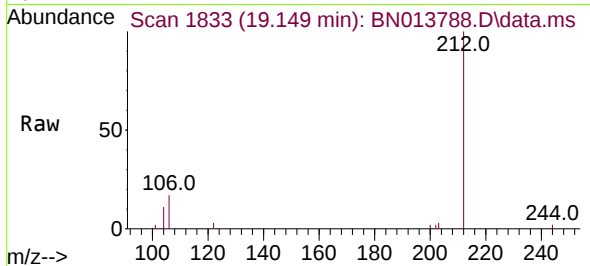




#27
Fluoranthene-d10
Concen: 0.05 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

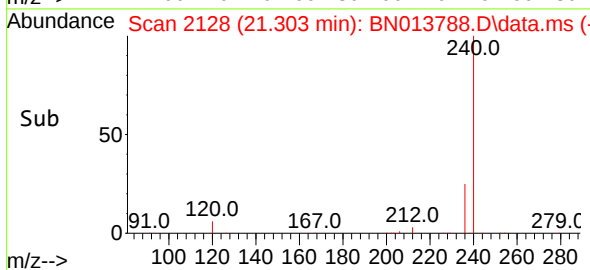
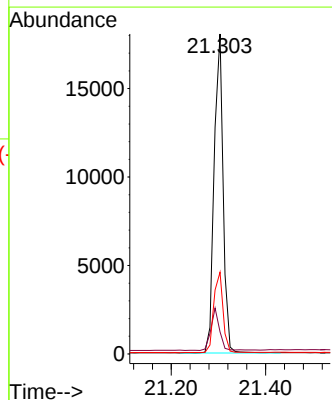
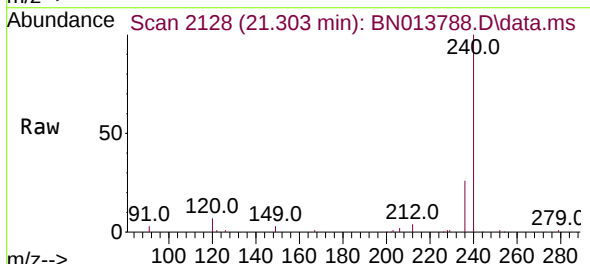
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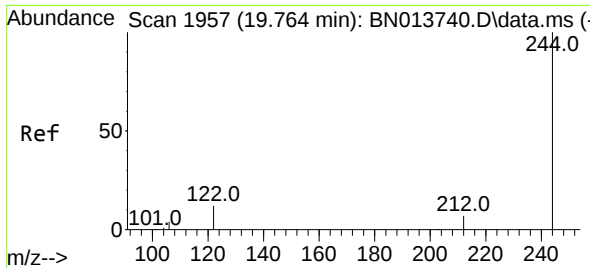
Tgt Ion:212 Resp: 3969
Ion Ratio Lower Upper
212 100
106 13.4 9.7 14.5
104 8.5 5.5 8.3#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013788.D
Acq: 26 Feb 2021 18:07

Tgt Ion:240 Resp: 23824
Ion Ratio Lower Upper
240 100
120 6.9 10.2 15.4#
236 25.6 21.3 31.9

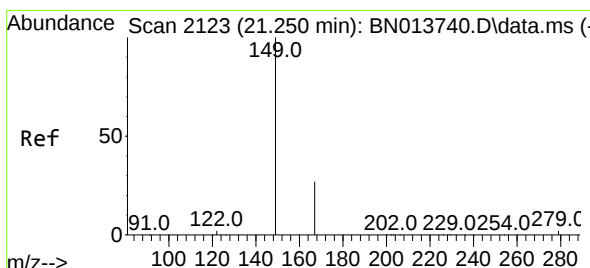
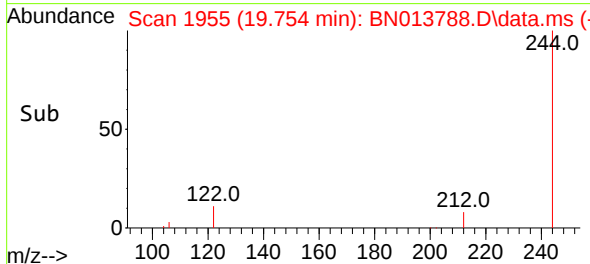
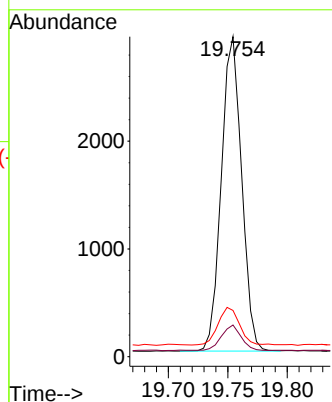
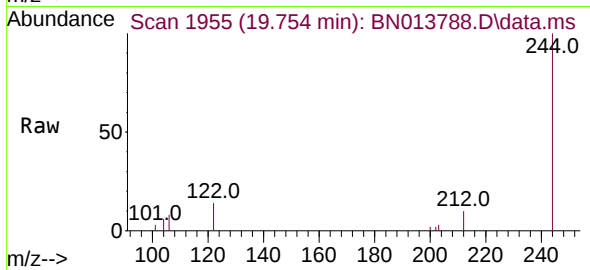




#31
 Terphenyl-d14
 Concen: 0.07 ng
 RT: 19.754 min Scan# 1955
 Delta R.T. -0.007 min
 Lab File: BN013788.D
 Acq: 26 Feb 2021 18:07

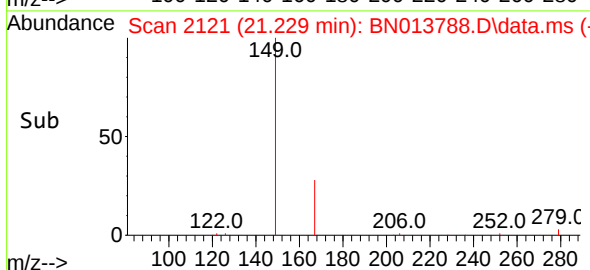
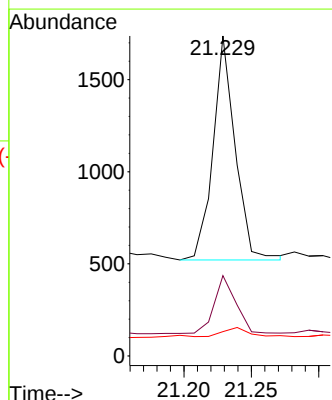
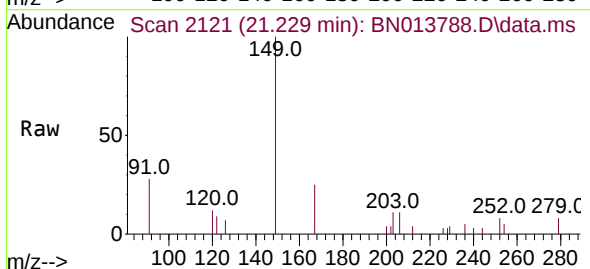
Instrument :
 BNA_N
 ClientSampleId :
 GW805-20-25-022521DL

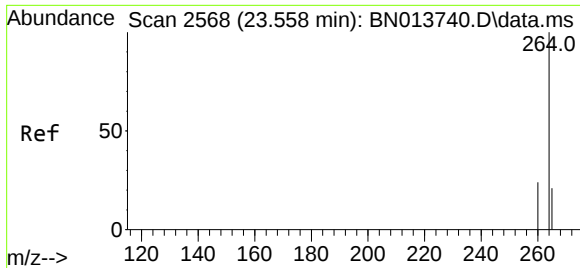
Tgt Ion:244 Resp: 3470
 Ion Ratio Lower Upper
 244 100
 212 9.9 6.1 9.1#
 122 14.5 9.8 14.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.04 ng
 RT: 21.229 min Scan# 2121
 Delta R.T. -0.008 min
 Lab File: BN013788.D
 Acq: 26 Feb 2021 18:07

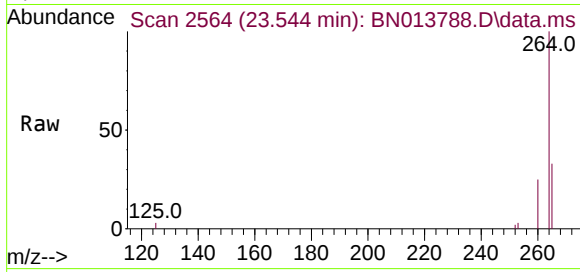
Tgt Ion:149 Resp: 1390
 Ion Ratio Lower Upper
 149 100
 167 25.5 22.1 33.1
 279 6.9 3.5 5.3#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.544 min Scan# 2564
 Delta R.T. -0.007 min
 Lab File: BN013788.D
 Acq: 26 Feb 2021 18:07

Instrument :
 BNA_N
 ClientSampleId :
 GW805-20-25-022521DL



Tgt Ion:264 Resp: 22386

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	32.9	66.2	99.4#

