

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029163.D
 Acq On : 21 Dec 2023 22:43
 Operator : MA/JU
 Sample : 05921-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20231218

Quant Time: Dec 21 23:28:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

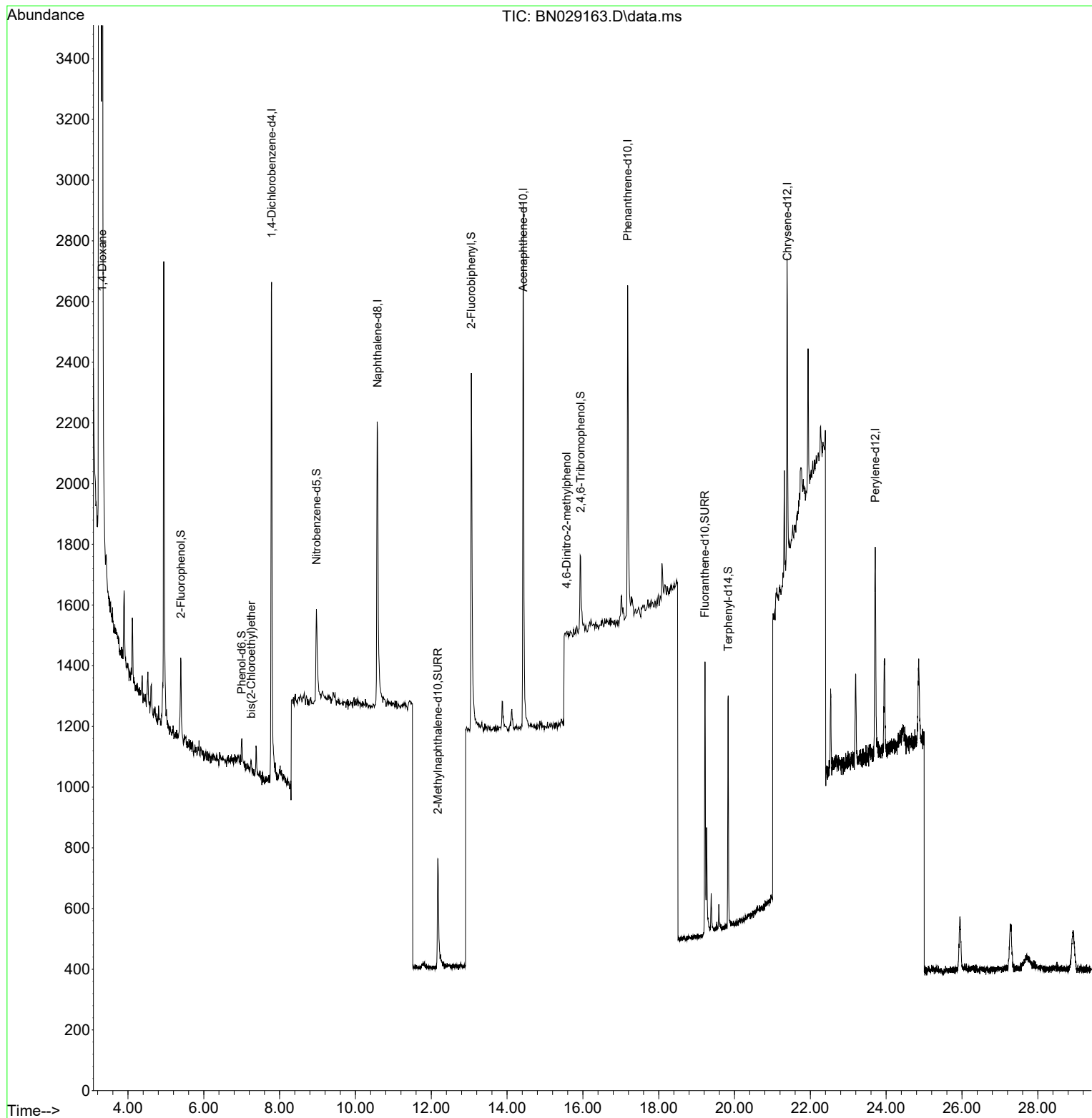
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	975	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	1875	0.400	ng	0.00
13) Acenaphthene-d10	14.425	164	1105	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1848	0.400	ng	0.00
29) Chrysene-d12	21.393	240	815	0.400	ng	0.00
35) Perylene-d12	23.712	264	977	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	222	0.095	ng	0.00
5) Phenol-d6	7.002	99	145	0.057	ng	0.00
8) Nitrobenzene-d5	8.971	82	529	0.216	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	740	0.260	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	225	0.233	ng	0.01
15) 2-Fluorobiphenyl	13.057	172	1373	0.213	ng	0.00
27) Fluoranthene-d10	19.220	212	1131	0.253	ng	0.00
31) Terphenyl-d14	19.833	244	716	0.320	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	3244	3.532	ng	98
6) bis(2-Chloroethyl)ether	7.248	93	44	0.022	ng	# 71
20) 4,6-Dinitro-2-methylph...	15.567	198	3	0.066	ng	# 41

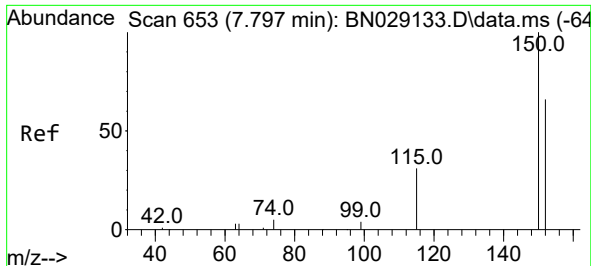
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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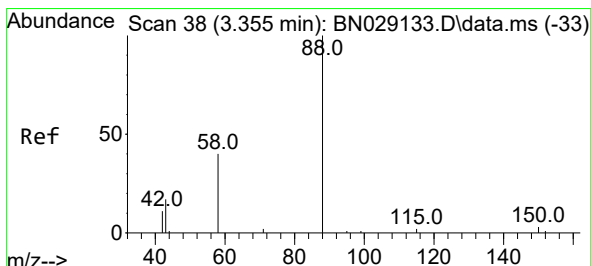
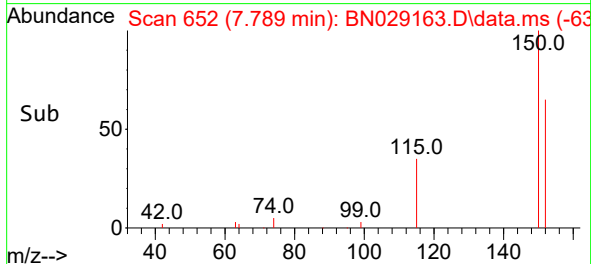
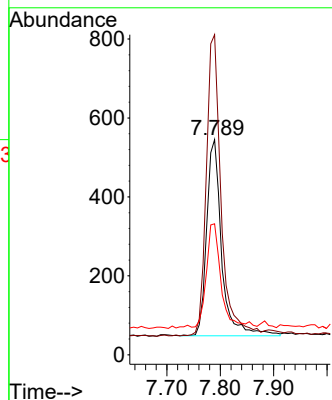
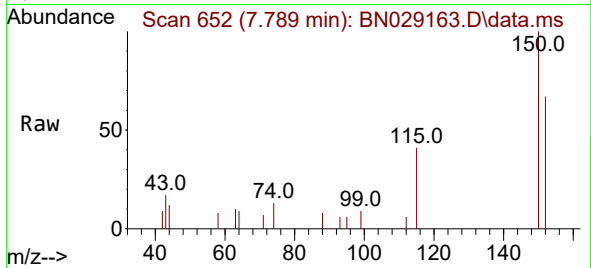




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN029163.D
 Acq: 21 Dec 2023 22:43

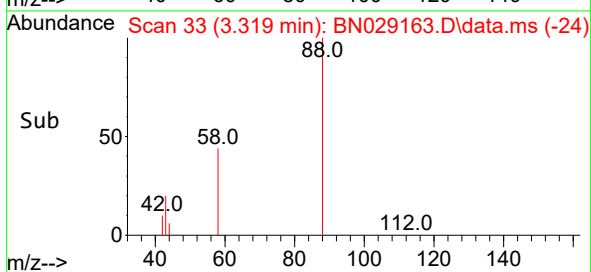
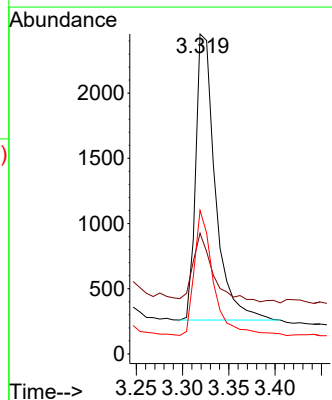
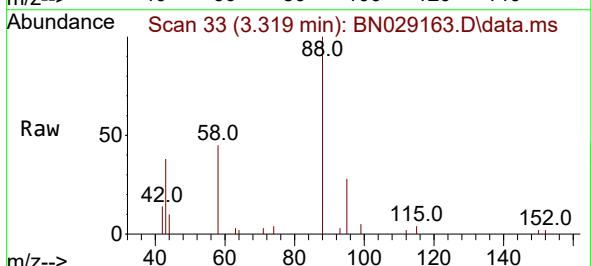
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20231218

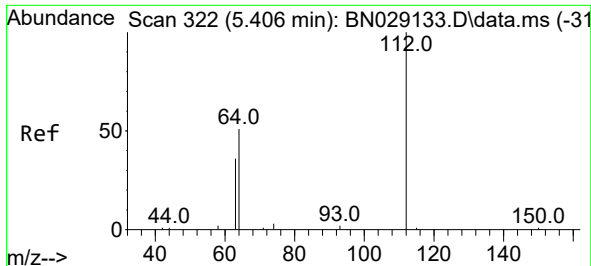
Tgt Ion:152 Resp: 975
 Ion Ratio Lower Upper
 152 100
 150 148.8 117.6 176.4
 115 60.9 44.2 66.2



#2
 1,4-Dioxane
 Concen: 3.532 ng
 RT: 3.319 min Scan# 33
 Delta R.T. -0.036 min
 Lab File: BN029163.D
 Acq: 21 Dec 2023 22:43

Tgt Ion: 88 Resp: 3244
 Ion Ratio Lower Upper
 88 100
 43 25.8 20.1 30.1
 58 42.5 35.4 53.2

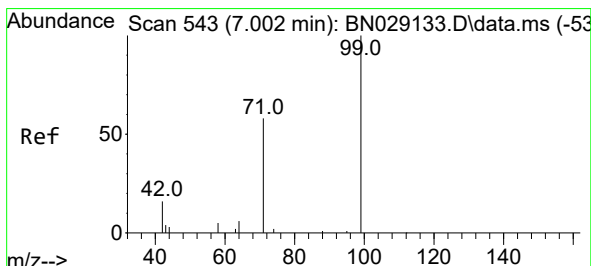
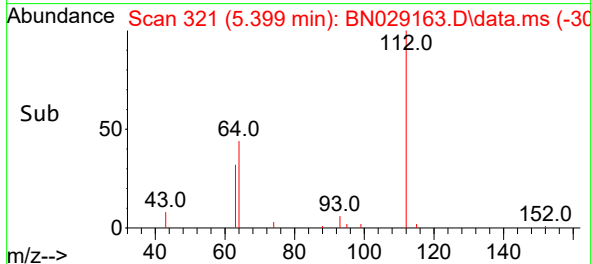
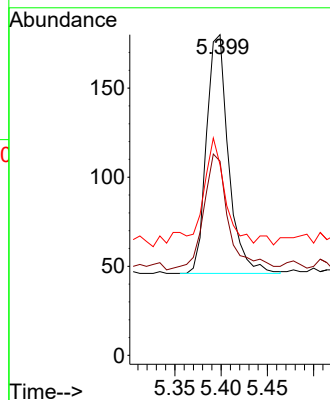
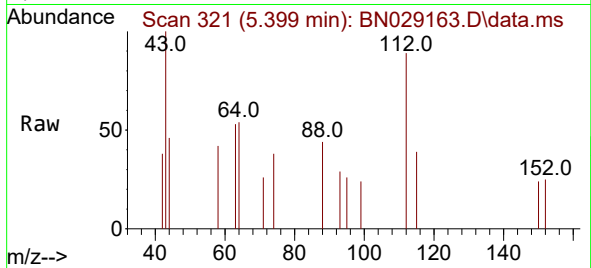




#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

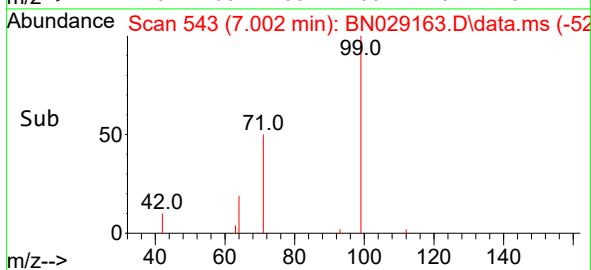
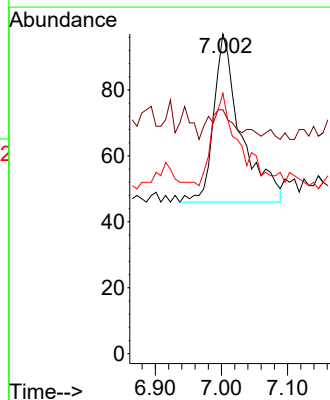
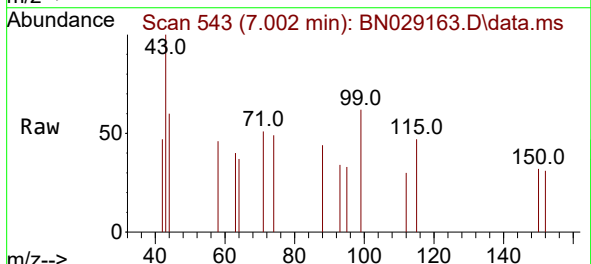
Instrument :
BNA_N
ClientSampleId :
SP-100-20231218

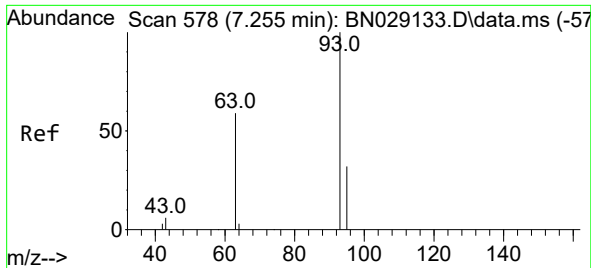
Tgt Ion:112 Resp: 222
Ion Ratio Lower Upper
112 100
64 51.8 38.6 58.0
63 49.5 30.0 45.0#



#5
Phenol-d6
Concen: 0.057 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

Tgt Ion: 99 Resp: 145
Ion Ratio Lower Upper
99 100
42 15.2 13.8 20.6
71 56.6 45.4 68.2

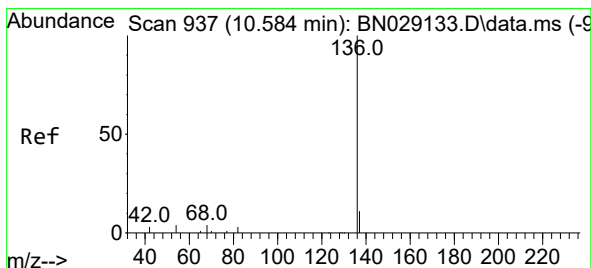
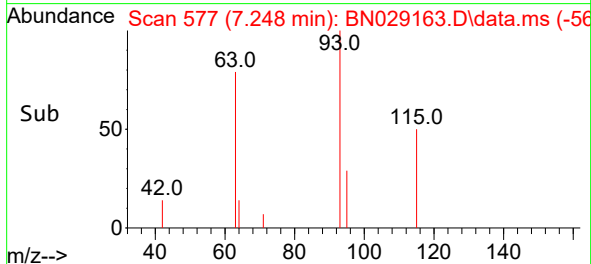
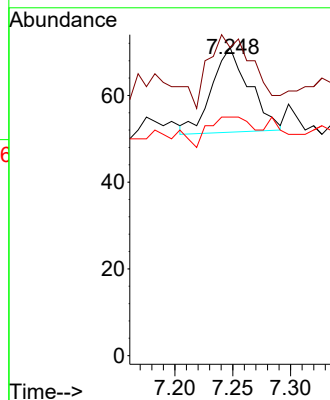
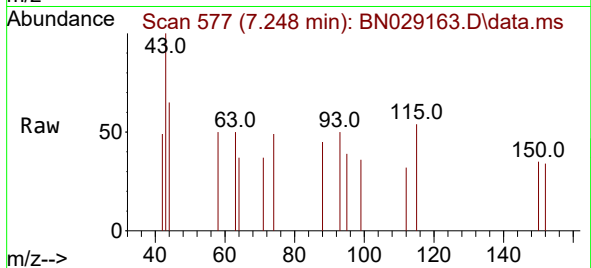




#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.248 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

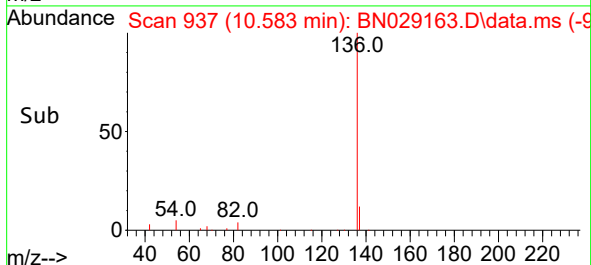
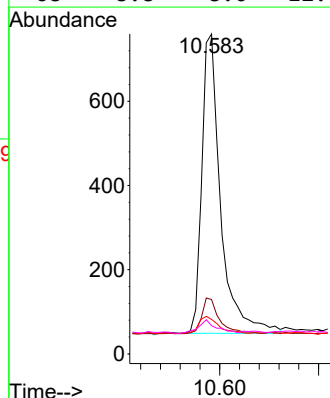
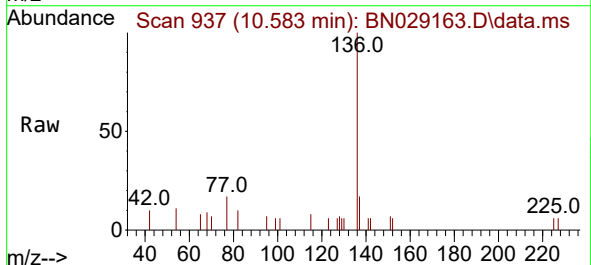
Instrument :
BNA_N
ClientSampleId :
SP-100-20231218

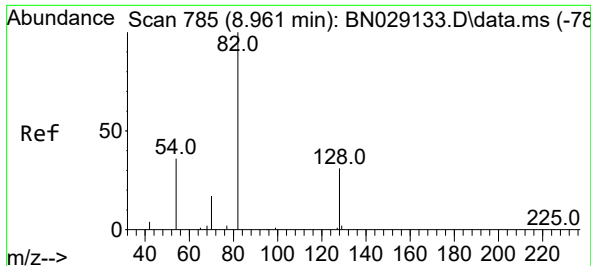
Tgt Ion: 93 Resp: 44
Ion Ratio Lower Upper
93 100
63 102.3 57.0 85.6#
95 40.9 27.4 41.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.583 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

Tgt Ion:136 Resp: 1875
Ion Ratio Lower Upper
136 100
137 17.0 13.4 20.0
54 10.8 8.6 13.0
68 8.8 8.0 12.0

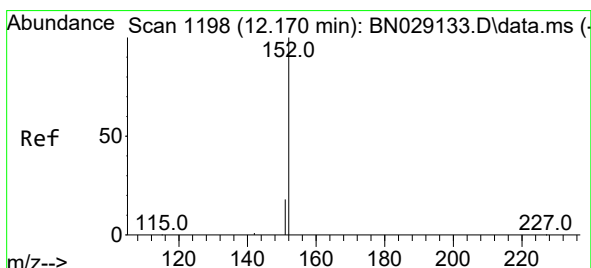
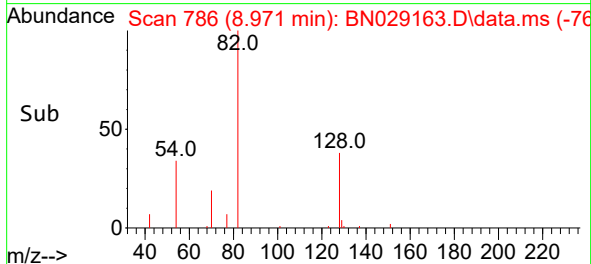
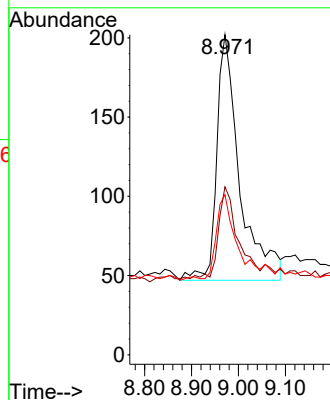
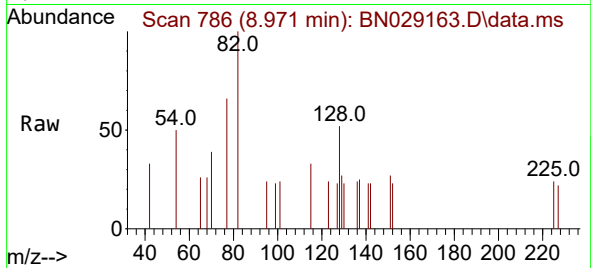




#8
Nitrobenzene-d5
Concen: 0.216 ng
RT: 8.971 min Scan# 785
Delta R.T. 0.010 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

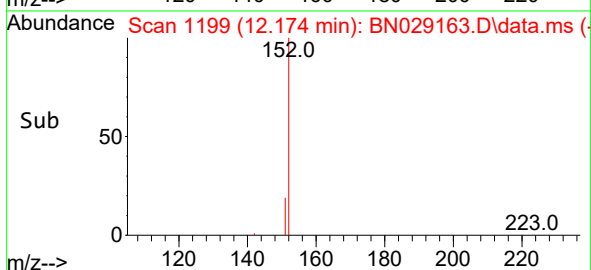
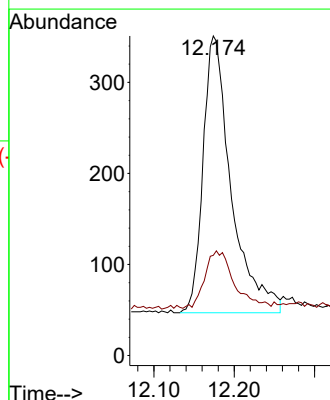
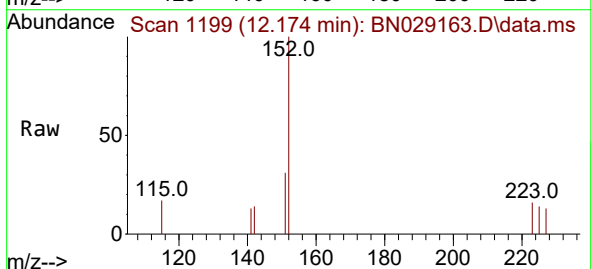
Instrument :
BNA_N
ClientSampleId :
SP-100-20231218

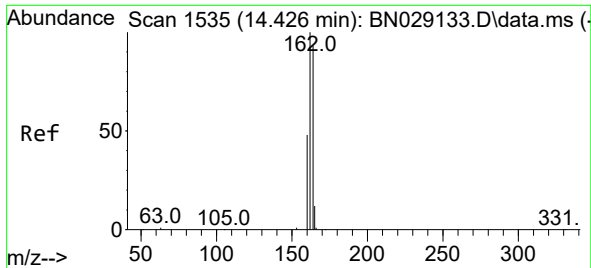
Tgt Ion: 82 Resp: 529
Ion Ratio Lower Upper
82 100
128 52.5 33.0 49.4#
54 50.0 35.8 53.8



#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.174 min Scan# 1199
Delta R.T. 0.004 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

Tgt Ion: 152 Resp: 740
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2

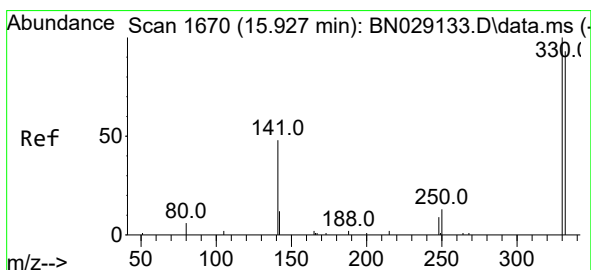
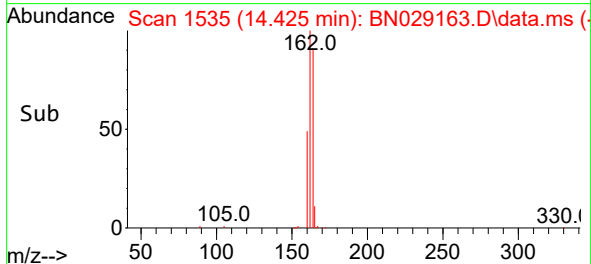
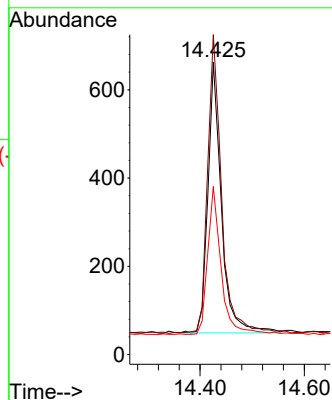
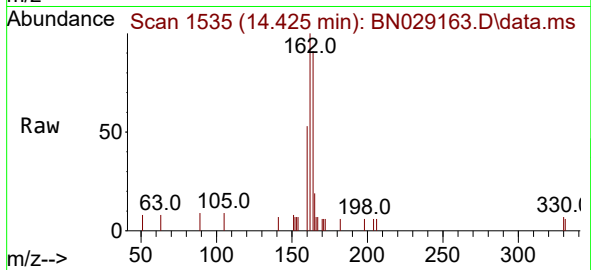




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.425 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN029163.D
 Acq: 21 Dec 2023 22:43

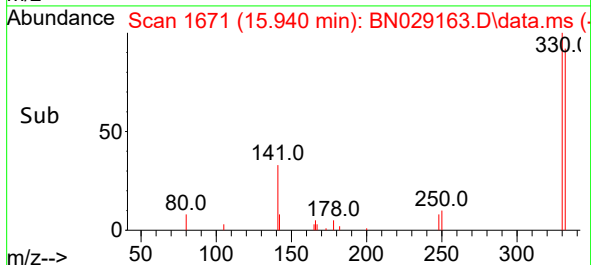
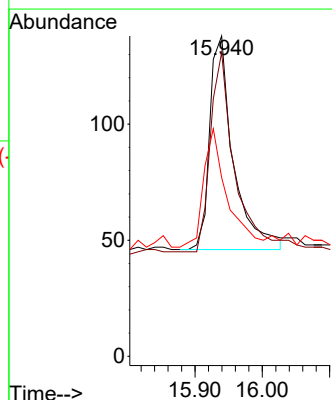
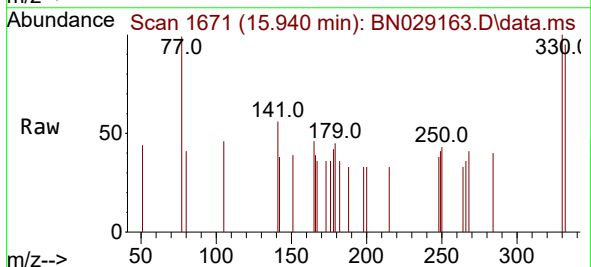
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 ClientSampleId :
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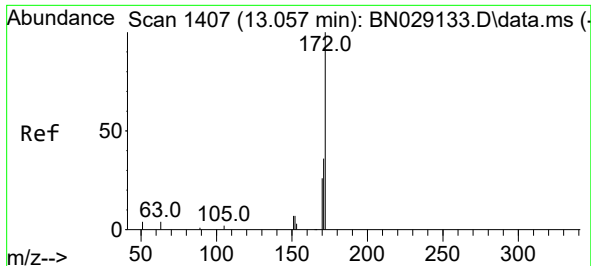
Tgt Ion:164 Resp: 1105
 Ion Ratio Lower Upper
 164 100
 162 109.4 85.0 127.4
 160 57.5 45.8 68.8



#14
 2,4,6-Tribromophenol
 Concen: 0.233 ng
 RT: 15.940 min Scan# 1671
 Delta R.T. 0.012 min
 Lab File: BN029163.D
 Acq: 21 Dec 2023 22:43

Tgt Ion:330 Resp: 225
 Ion Ratio Lower Upper
 330 100
 332 93.3 83.4 125.0
 141 54.7 43.8 65.8

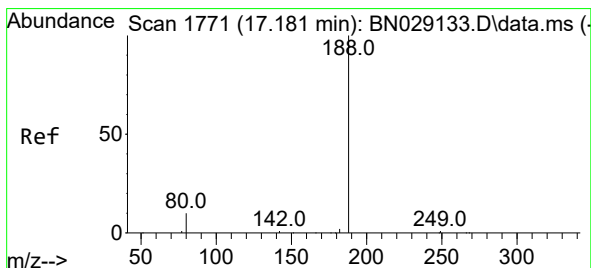
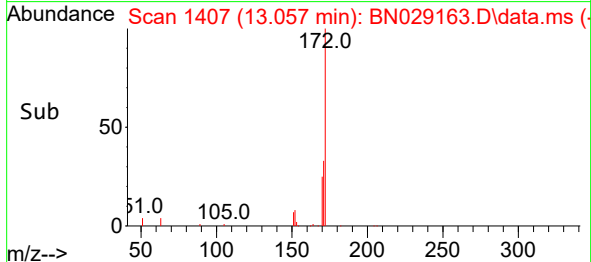
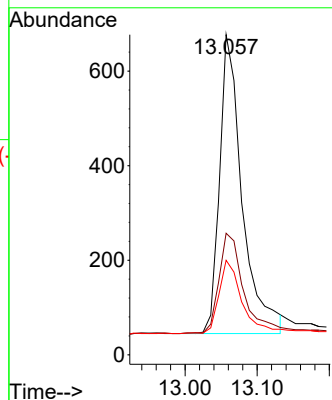
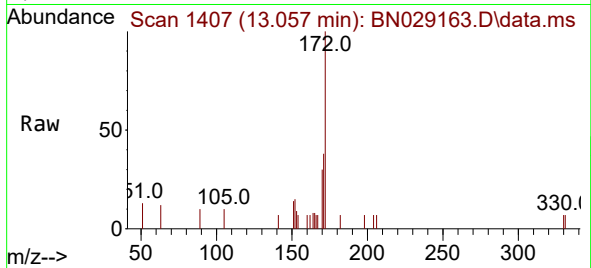




#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 13.057 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

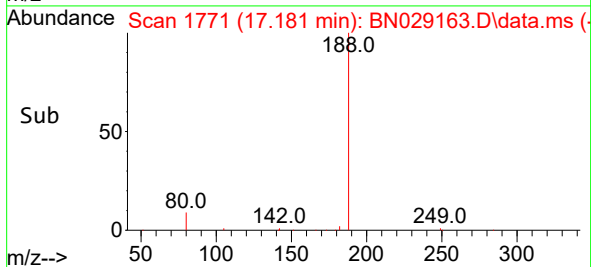
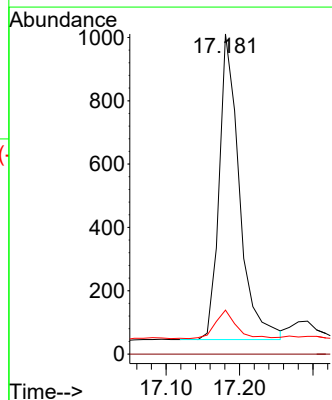
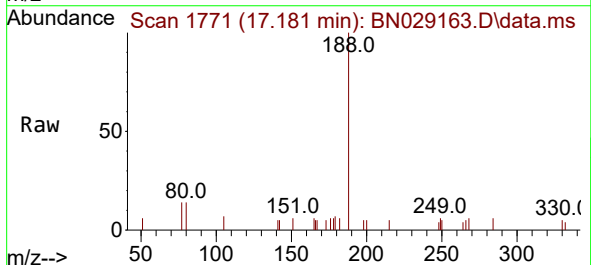
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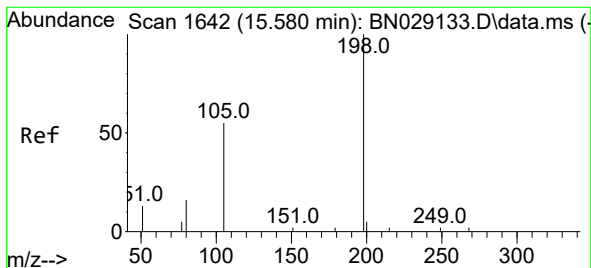
Tgt Ion:	172	Resp:	1373
Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.4
170	29.5	25.0	37.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

Tgt Ion:	188	Resp:	1848
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	13.7	20.5

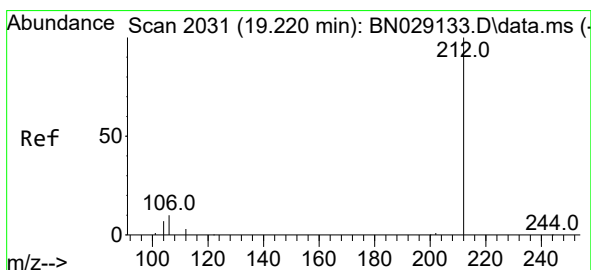
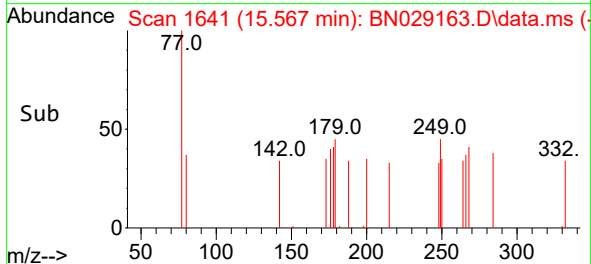
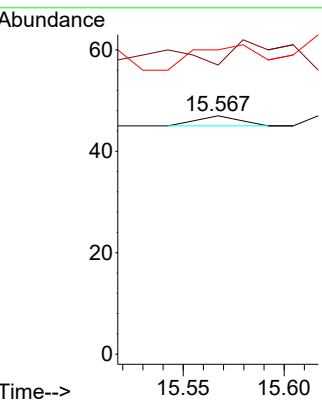
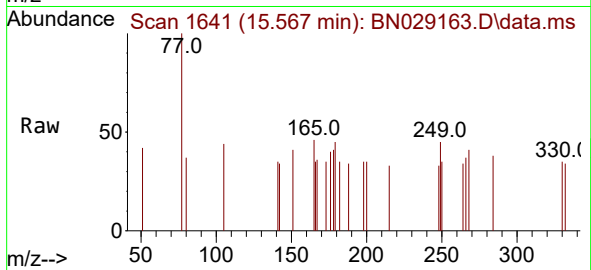




#20
4,6-Dinitro-2-methylphenol
Concen: 0.066 ng
RT: 15.567 min Scan# 1641
Delta R.T. -0.013 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

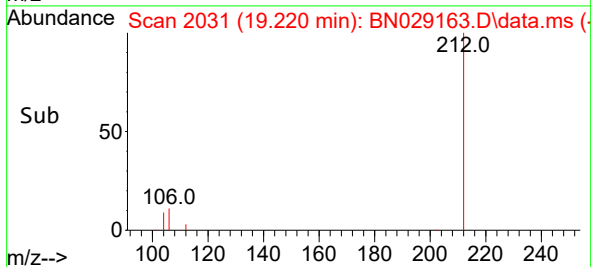
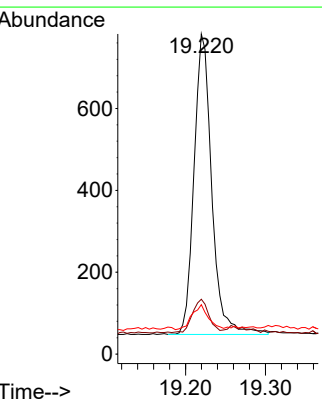
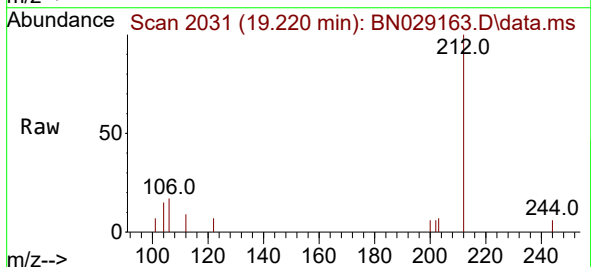
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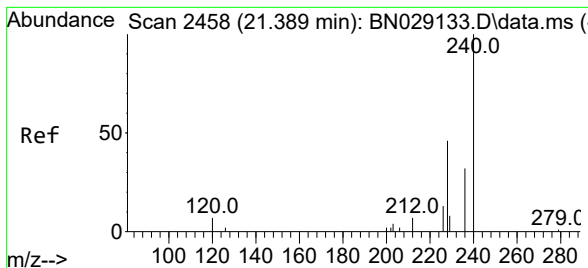
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 121.3 53.6 80.4#
105 127.7 65.6 98.4#



#27
Fluoranthene-d10
Concen: 0.253 ng
RT: 19.220 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

Tgt Ion:212 Resp: 1131
Ion Ratio Lower Upper
212 100
106 10.6 9.6 14.4
104 7.6 6.5 9.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 2458

Delta R.T. 0.004 min

Lab File: BN029163.D

Acq: 21 Dec 2023 22:43

Instrument :

BNA_N

ClientSampleId :

SP-100-20231218

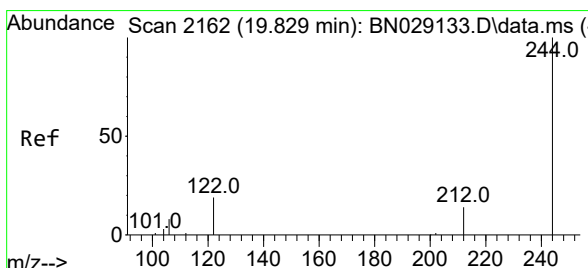
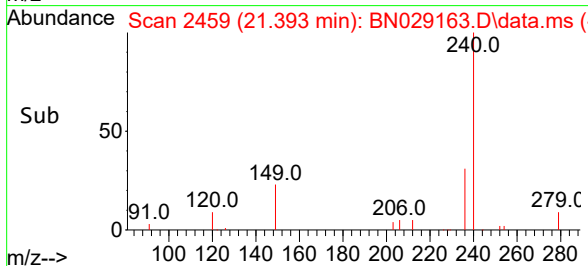
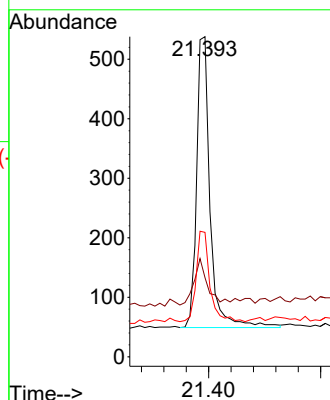
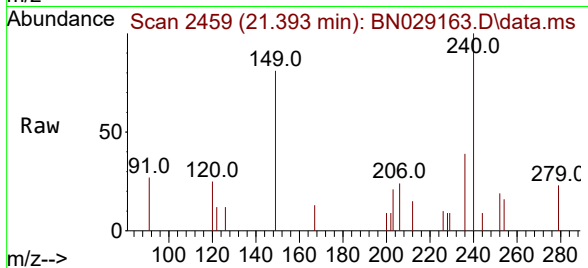
Tgt Ion:240 Resp: 815

Ion Ratio Lower Upper

240 100

120 24.7 21.4 32.0

236 38.8 33.5 50.3



#31

Terphenyl-d14

Concen: 0.320 ng

RT: 19.833 min Scan# 2163

Delta R.T. 0.004 min

Lab File: BN029163.D

Acq: 21 Dec 2023 22:43

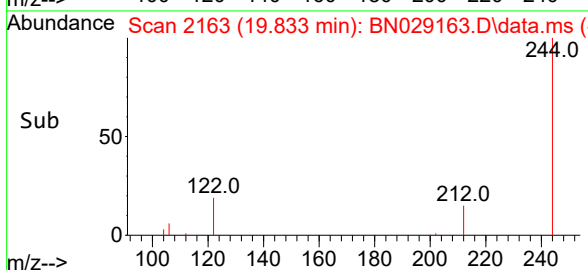
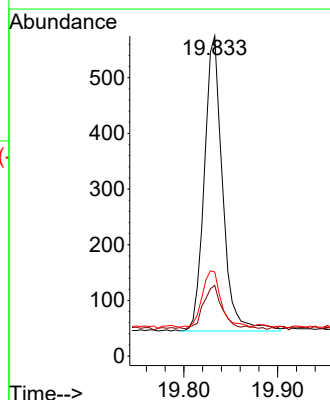
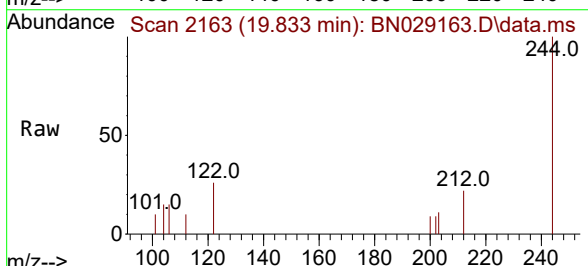
Tgt Ion:244 Resp: 716

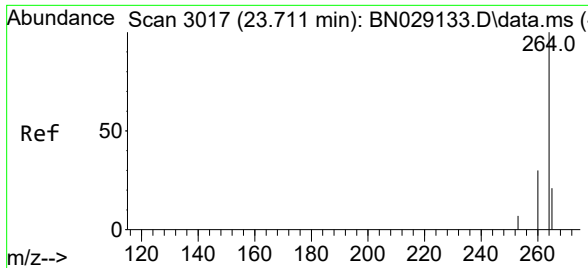
Ion Ratio Lower Upper

244 100

212 22.1 19.0 28.6

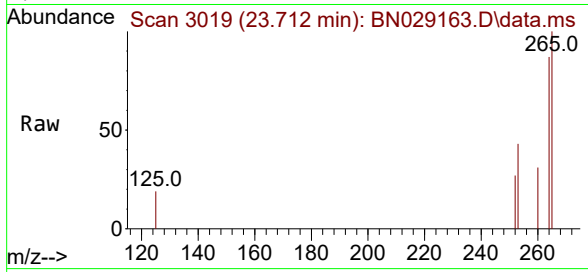
122 26.3 22.5 33.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 30
Delta R.T. 0.001 min
Lab File: BN029163.D
Acq: 21 Dec 2023 22:43

Instrument :
BNA_N
ClientSampleId :
SP-100-20231218



Tgt Ion:264 Resp: 977

Ion	Ratio	Lower	Upper
264	100		
260	35.9	31.0	46.6
265	114.3	105.3	157.9

