

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034164.D
 Acq On : 23 Sep 2024 13:42
 Operator : JU/RC
 Sample : P4116-16DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20240917DL

Quant Time: Sep 23 14:09:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

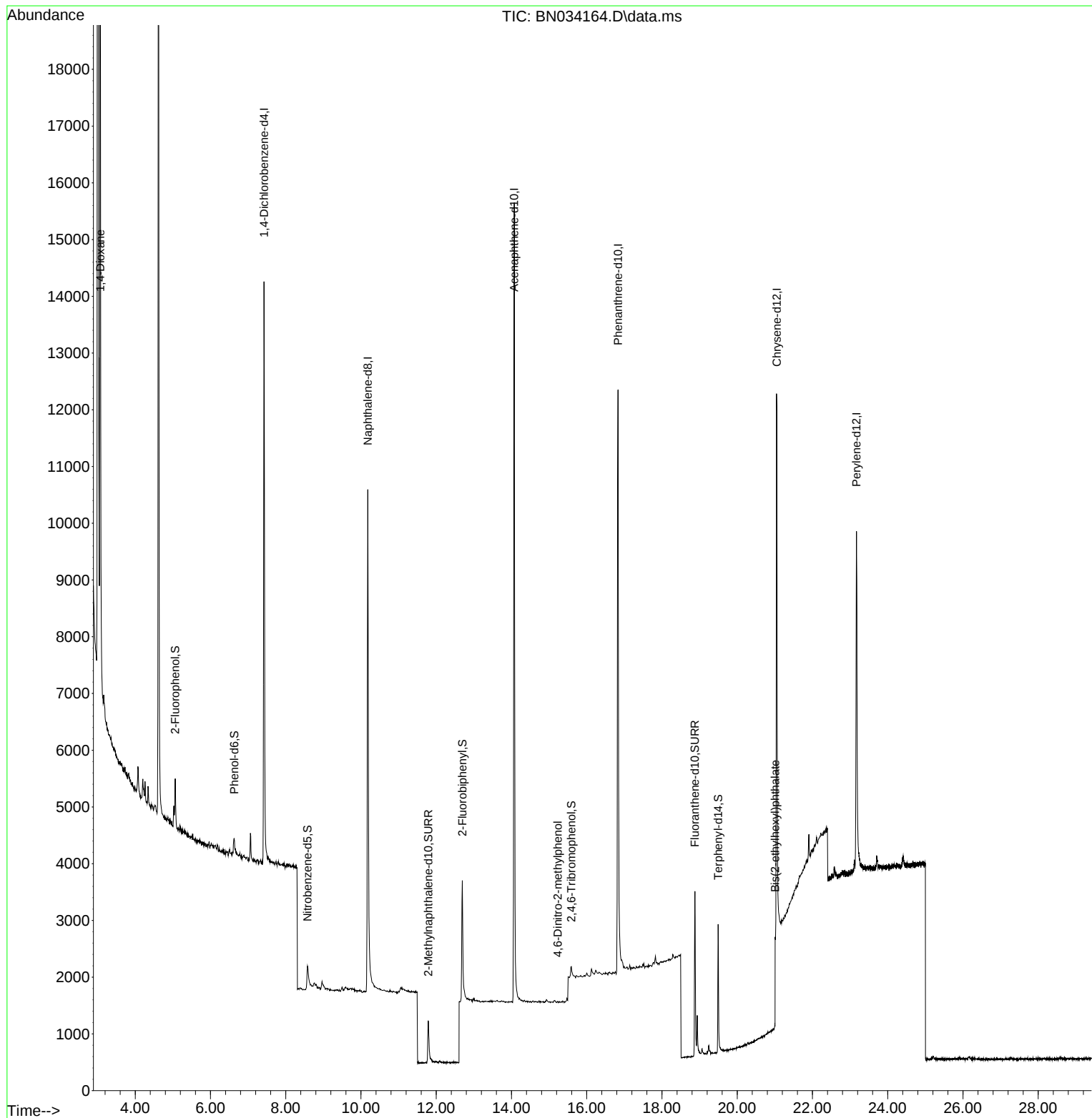
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5032	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	13957	0.400	ng	#-0.02
13) Acenaphthene-d10	14.073	164	8505	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	17764	0.400	ng	0.00
29) Chrysene-d12	21.053	240	11109	0.400	ng	# 0.00
35) Perylene-d12	23.171	264	8874	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	661	0.046	ng	-0.01
5) Phenol-d6	6.629	99	388	0.023	ng	0.00
8) Nitrobenzene-d5	8.579	82	617	0.058	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	1462	0.071	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	177	0.046	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	2684	0.078	ng	0.00
27) Fluoranthene-d10	18.876	212	3771	0.084	ng	-0.01
31) Terphenyl-d14	19.494	244	2367	0.107	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	11015	1.751	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.227	198	2	0.138	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	727	0.050	ng	# 82

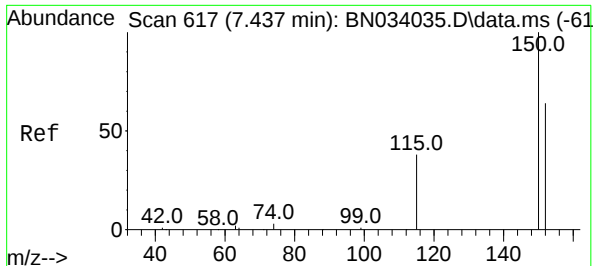
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
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Instrument :
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RE131D1-20240917DL

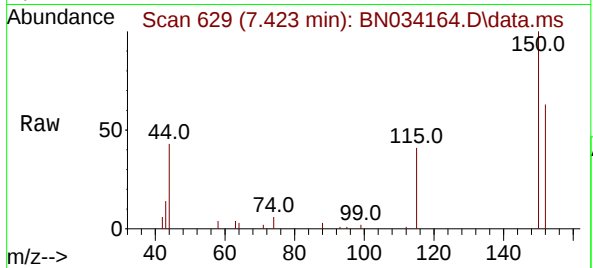
Quant Time: Sep 23 14:09:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
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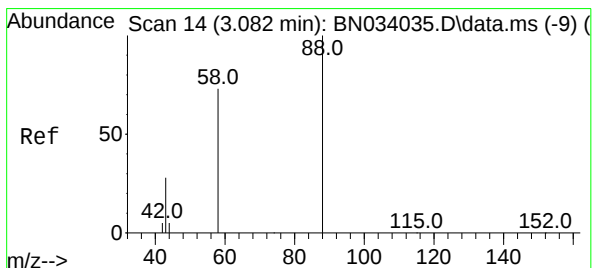
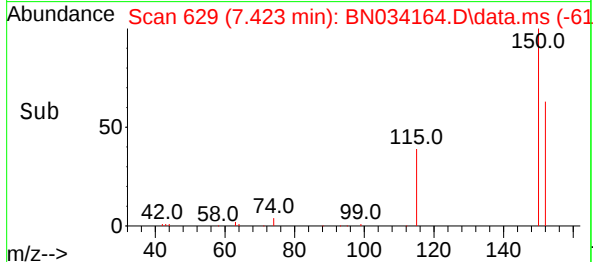
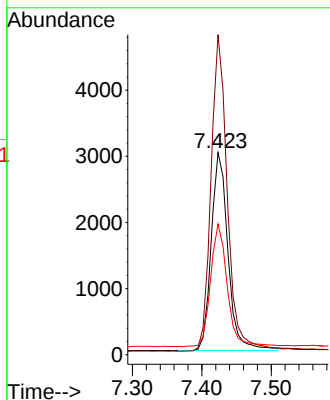


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL

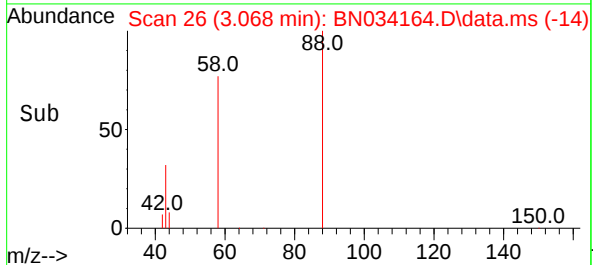
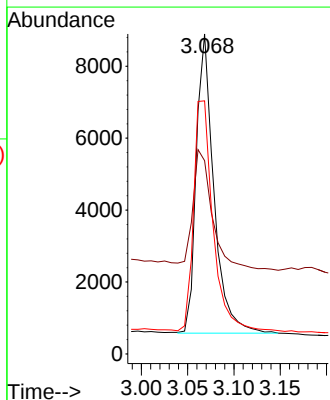
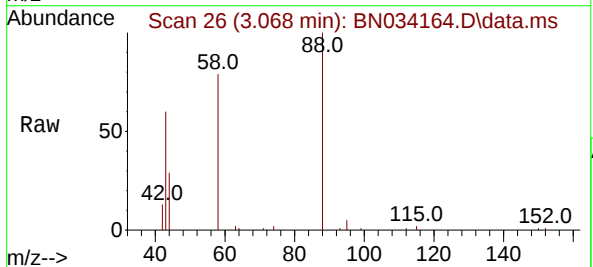


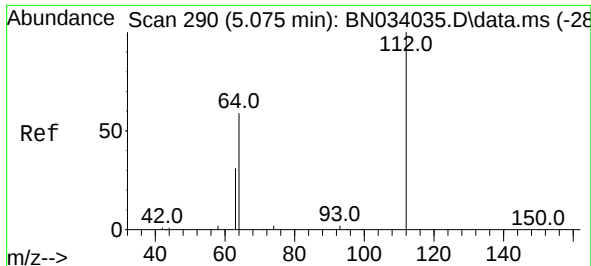
Tgt Ion:152 Resp: 5032
Ion Ratio Lower Upper
152 100
150 158.4 124.6 187.0
115 64.7 50.0 75.0



#2
1,4-Dioxane
Concen: 1.751 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

Tgt Ion: 88 Resp: 11015
Ion Ratio Lower Upper
88 100
43 45.1 25.8 38.8#
58 84.3 58.8 88.2

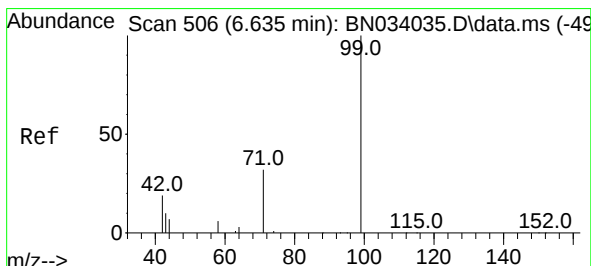
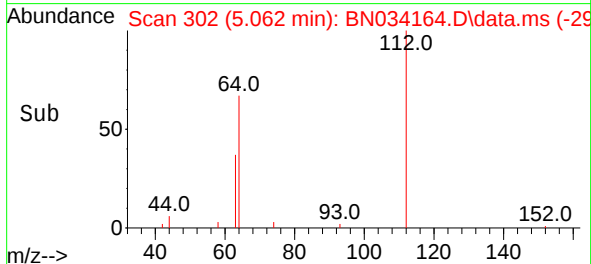
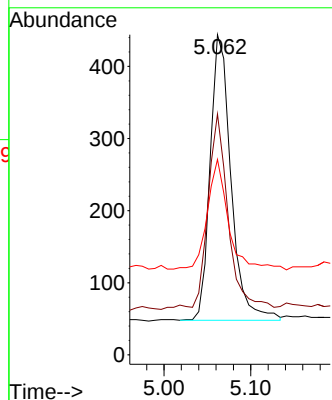
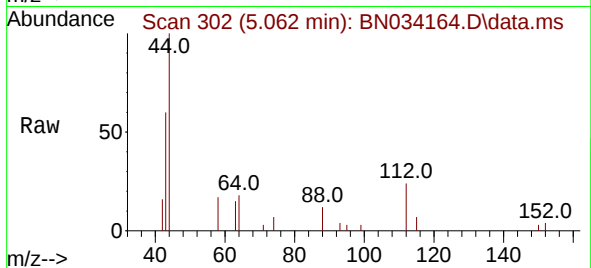




#4
2-Fluorophenol
Concen: 0.046 ng
RT: 5.062 min Scan# 302
Delta R.T. -0.013 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

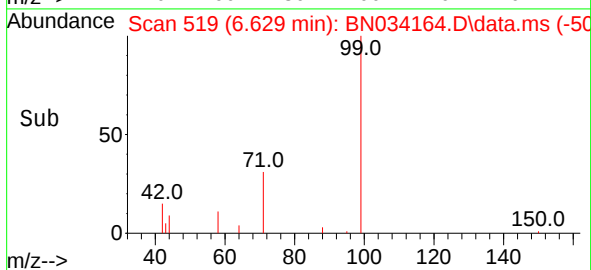
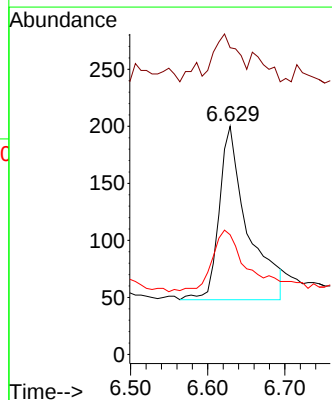
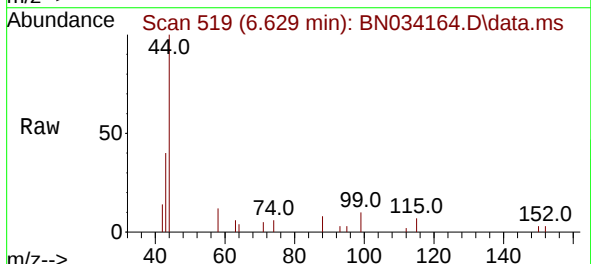
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL

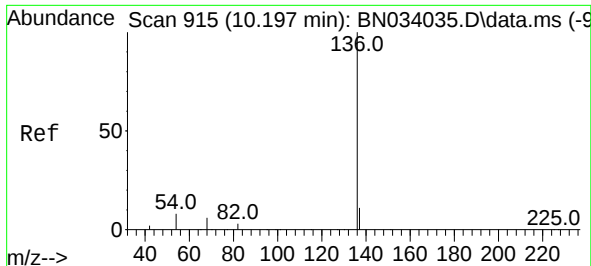
Tgt Ion:112 Resp: 661
Ion Ratio Lower Upper
112 100
64 67.3 48.6 72.8
63 37.5 25.6 38.4



#5
Phenol-d6
Concen: 0.023 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

Tgt Ion: 99 Resp: 388
Ion Ratio Lower Upper
99 100
42 22.9 17.8 26.8
71 42.8 26.2 39.2#

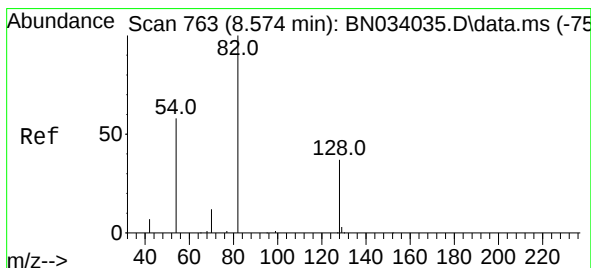
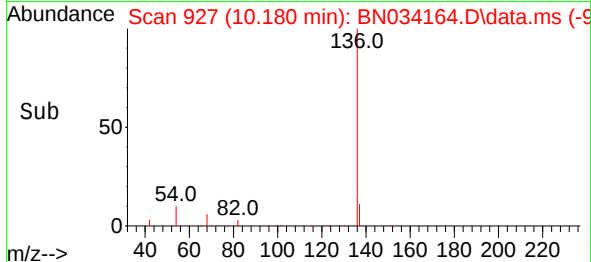
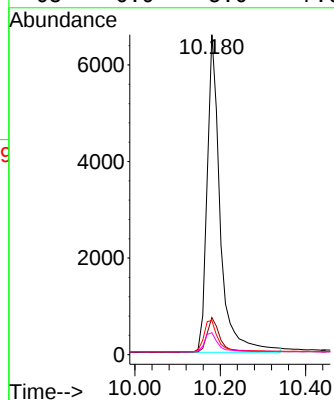
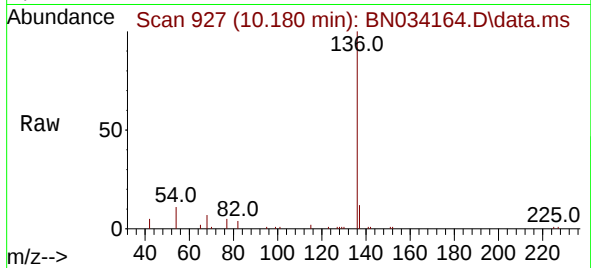




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

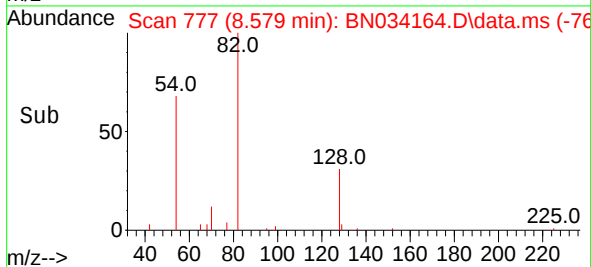
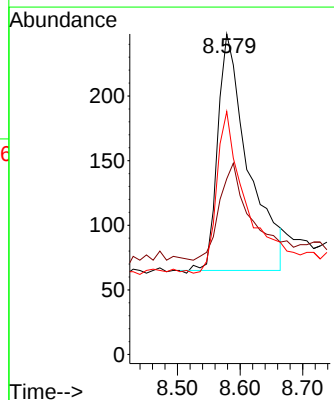
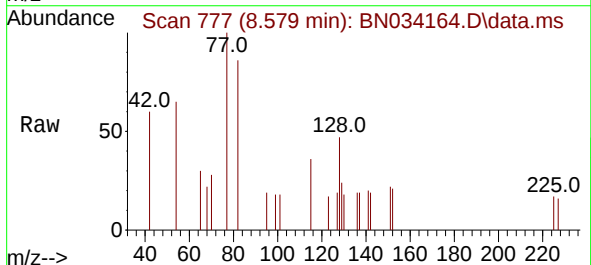
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL

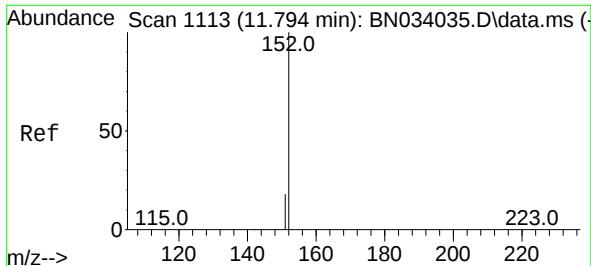
Tgt Ion:	136	Resp:	13957
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.6
54	10.7	6.8	10.2#
68	6.9	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.058 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

Tgt Ion:	82	Resp:	617
Ion Ratio	Lower	Upper	
82	100		
128	54.8	31.4	47.2#
54	75.8	47.4	71.0#





#11

2-Methylnaphthalene-d10

Concen: 0.071 ng

RT: 11.788 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BN034164.D

Acq: 23 Sep 2024 13:42

Instrument :

BNA_N

ClientSampleId :

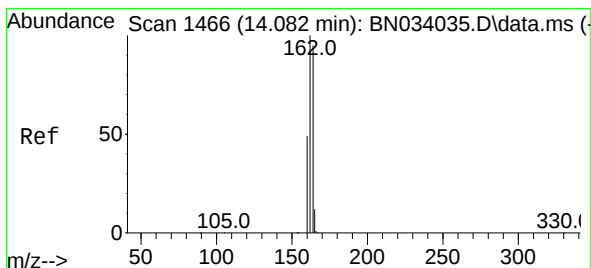
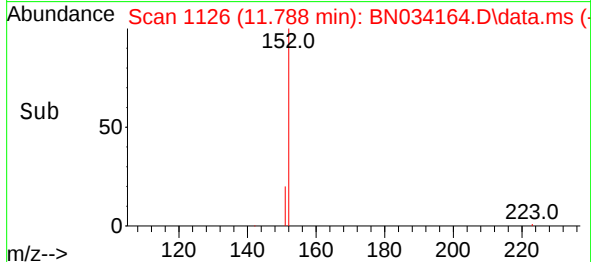
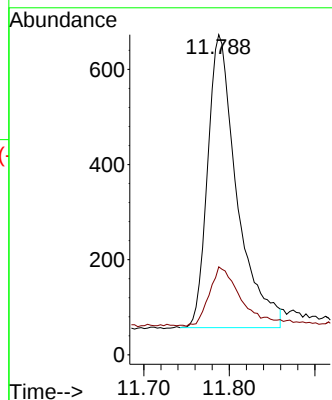
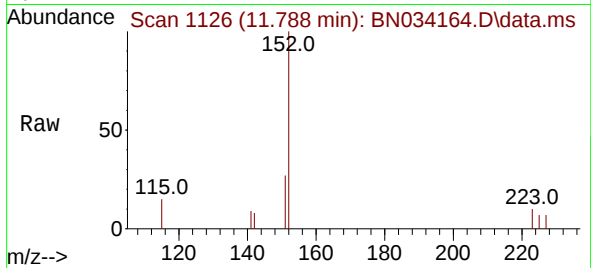
RE131D1-20240917DL

Tgt Ion:152 Resp: 1462

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.073 min Scan# 1480

Delta R.T. -0.009 min

Lab File: BN034164.D

Acq: 23 Sep 2024 13:42

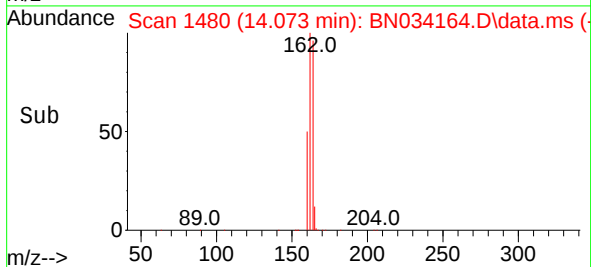
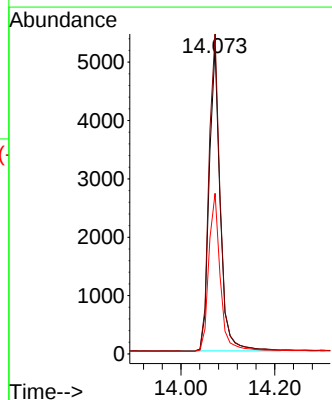
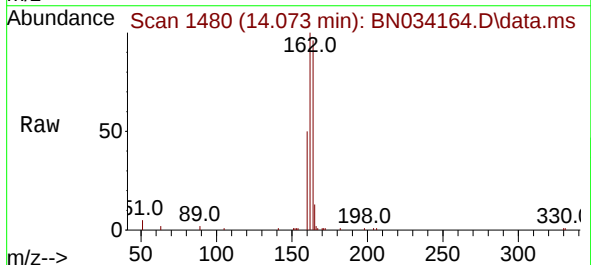
Tgt Ion:164 Resp: 8505

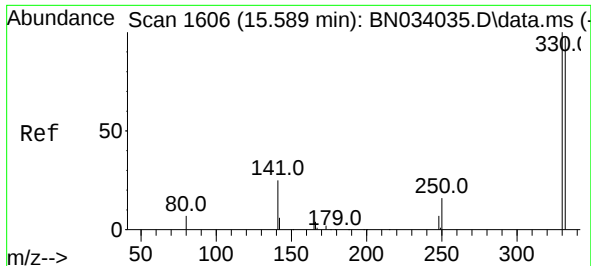
Ion Ratio Lower Upper

164 100

162 104.6 84.2 126.2

160 52.5 41.7 62.5

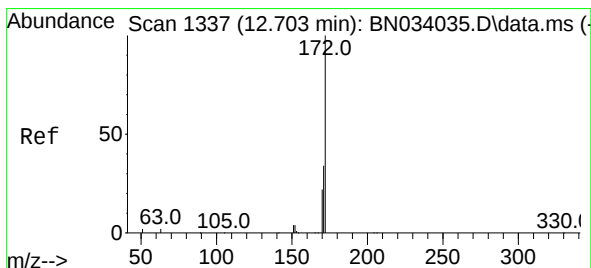
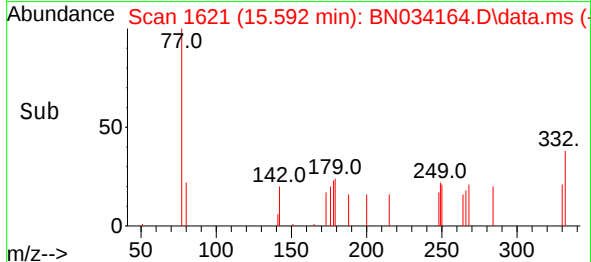
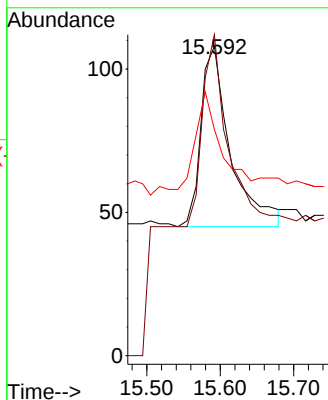
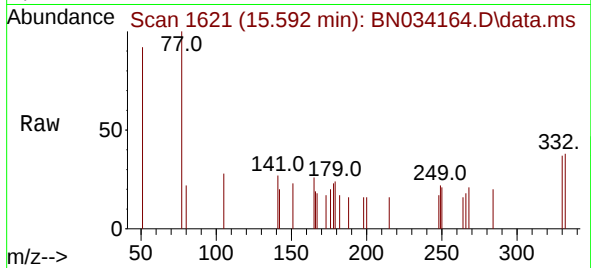




#14
2,4,6-Tribromophenol
Concen: 0.046 ng
RT: 15.592 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

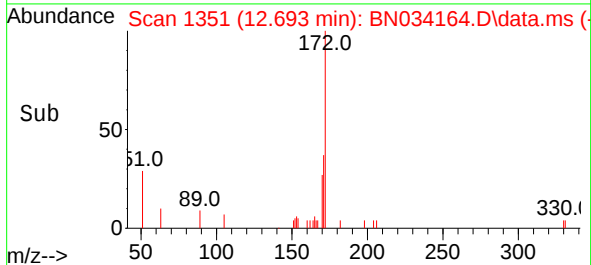
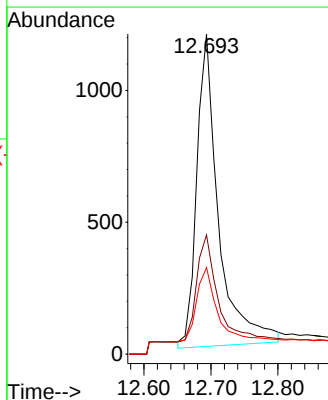
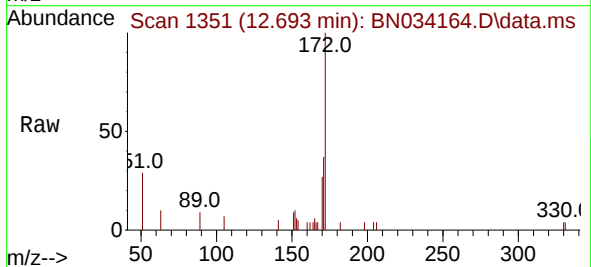
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL

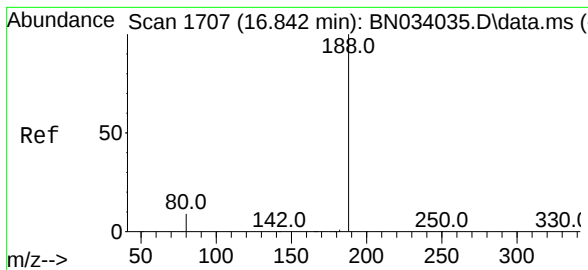
Tgt Ion:330 Resp: 177
Ion Ratio Lower Upper
330 100
332 91.5 77.4 116.0
141 59.3 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.078 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

Tgt Ion:172 Resp: 2684
Ion Ratio Lower Upper
172 100
171 37.2 27.3 40.9
170 27.0 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN034164.D

Acq: 23 Sep 2024 13:42

Instrument :

BNA_N

ClientSampleId :

RE131D1-20240917DL

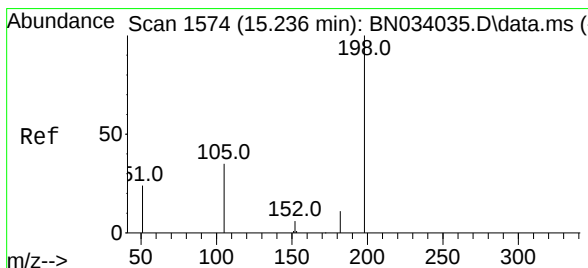
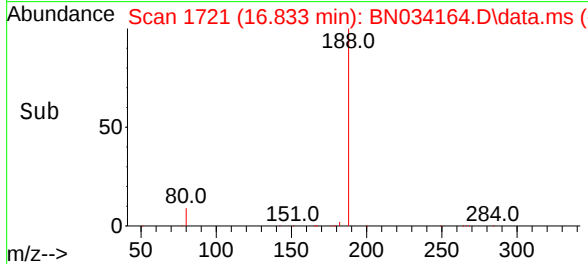
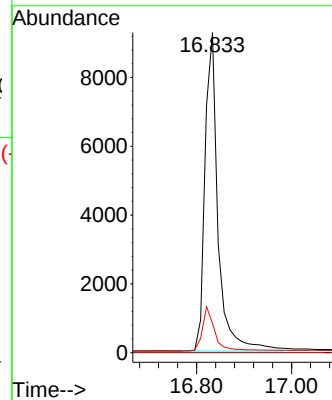
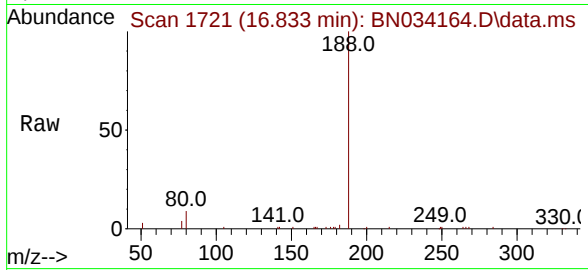
Tgt Ion:188 Resp: 17764

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 15.227 min Scan# 1588

Delta R.T. -0.009 min

Lab File: BN034164.D

Acq: 23 Sep 2024 13:42

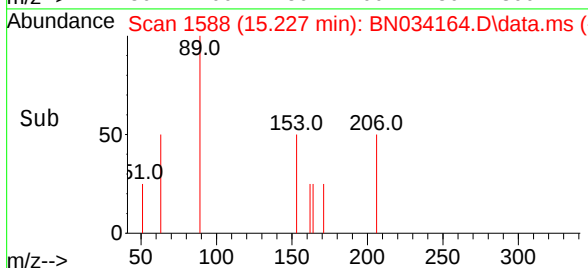
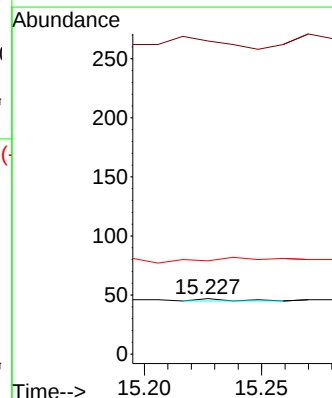
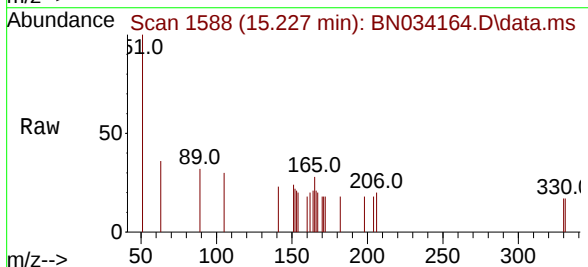
Tgt Ion:198 Resp: 2

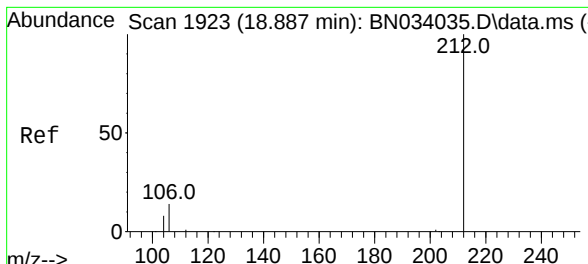
Ion Ratio Lower Upper

198 100

51 563.8 106.4 159.6#

105 168.1 38.5 57.7#

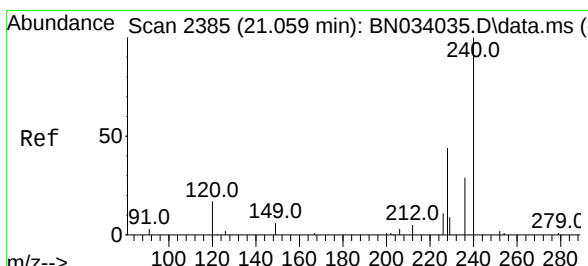
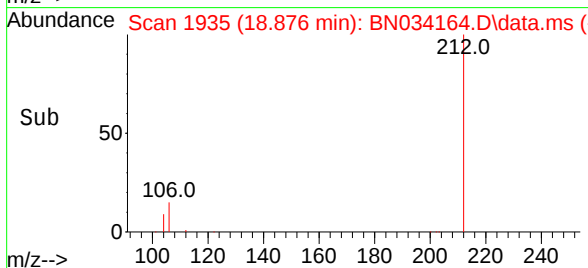
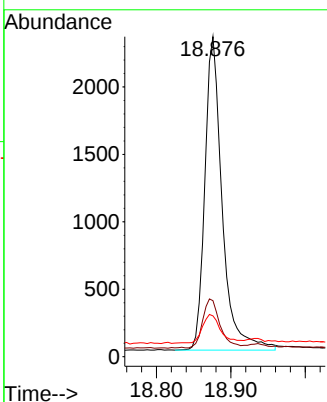
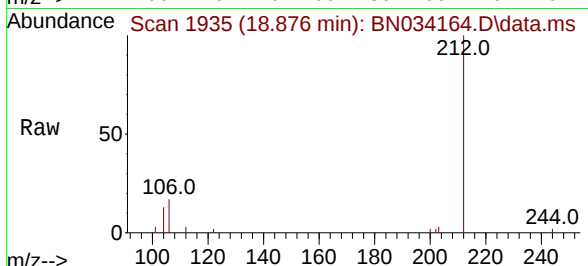




#27
 Fluoranthene-d10
 Concen: 0.084 ng
 RT: 18.876 min Scan# 1935
 Delta R.T. -0.011 min
 Lab File: BN034164.D
 Acq: 23 Sep 2024 13:42

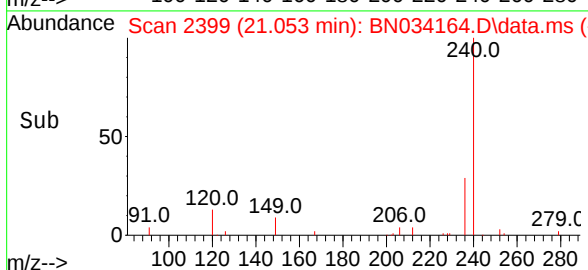
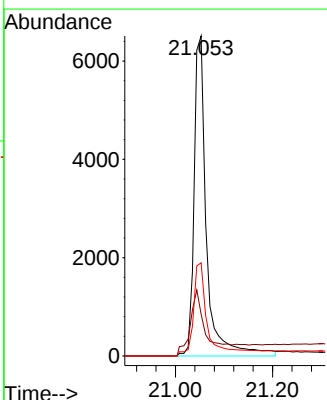
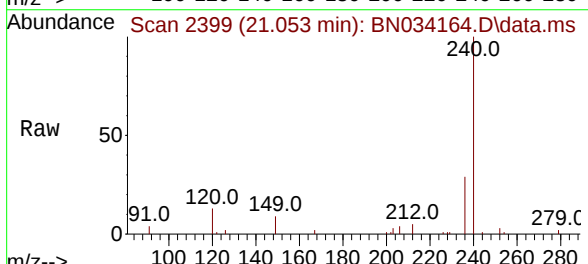
Instrument :
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 RE131D1-20240917DL

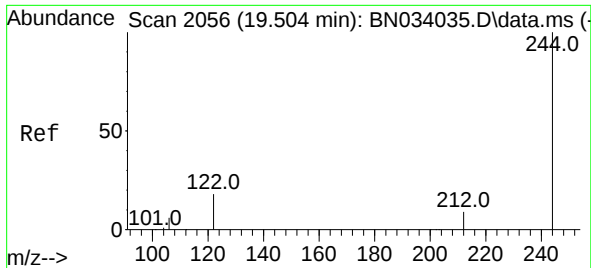
Tgt Ion:	212	Resp:	3771
Ion	Ratio	Lower	Upper
212	100		
106	15.5	13.4	20.2
104	9.6	7.8	11.6



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.053 min Scan# 2399
 Delta R.T. -0.006 min
 Lab File: BN034164.D
 Acq: 23 Sep 2024 13:42

Tgt Ion:	240	Resp:	11109
Ion	Ratio	Lower	Upper
240	100		
120	13.1	13.5	20.3#
236	29.1	23.4	35.0

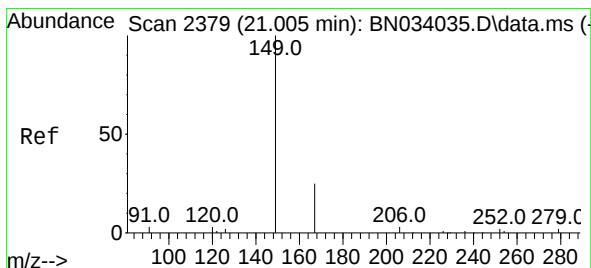
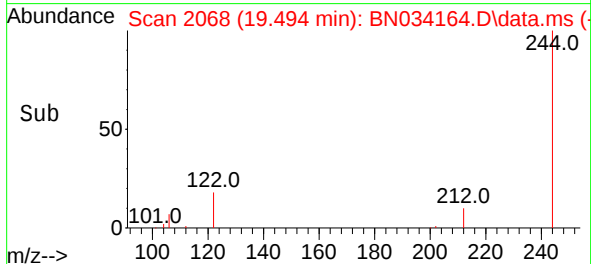
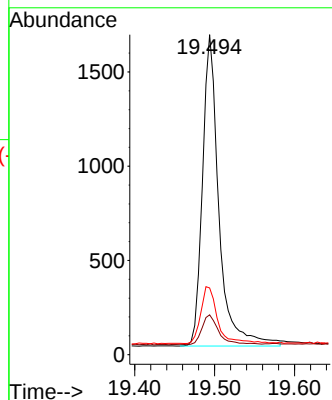
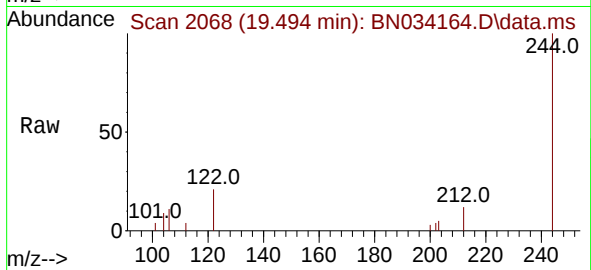




#31
Terphenyl-d14
Concen: 0.107 ng
RT: 19.494 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

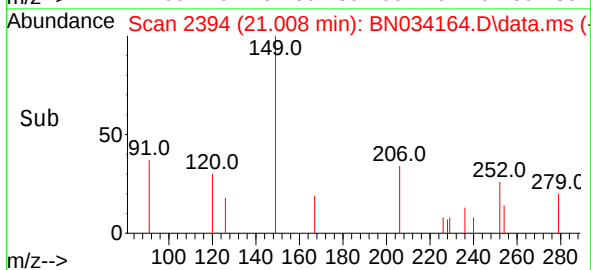
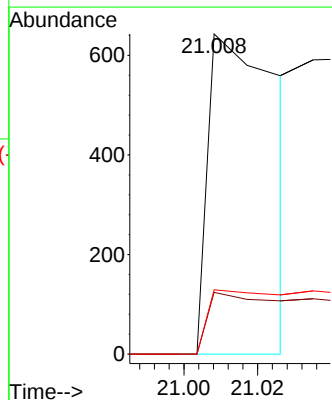
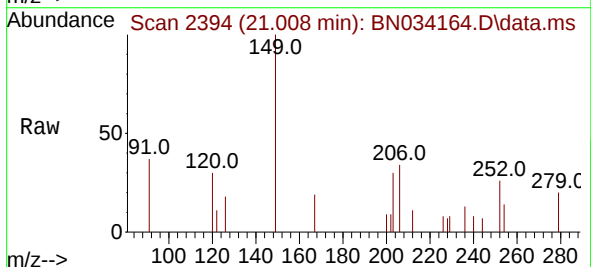
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL

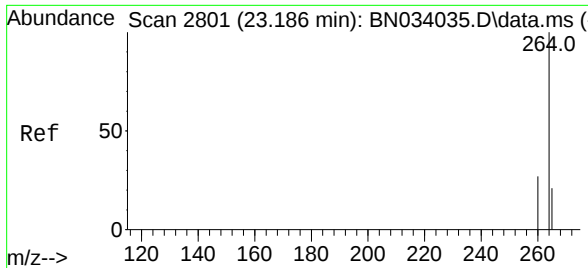
Tgt Ion:244 Resp: 2367
Ion Ratio Lower Upper
244 100
212 12.4 7.8 11.6#
122 20.8 14.8 22.2



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.050 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

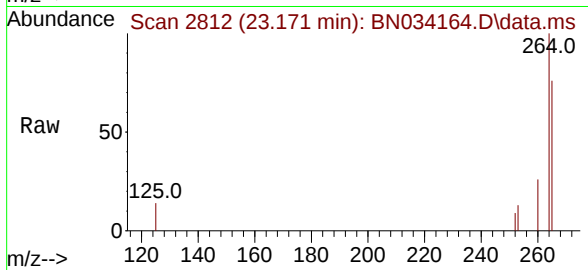
Tgt Ion:149 Resp: 727
Ion Ratio Lower Upper
149 100
167 19.1 19.9 29.9#
279 20.8 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.171 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN034164.D
Acq: 23 Sep 2024 13:42

Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917DL



Tgt Ion:264 Resp: 8874
Ion Ratio Lower Upper
264 100
260 26.2 21.7 32.5
265 76.4 52.1 78.1

