

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034129.D
 Acq On : 21 Sep 2024 17:51
 Operator : JU/RC
 Sample : P4116-19
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20240918

Quant Time: Sep 23 00:00:05 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)

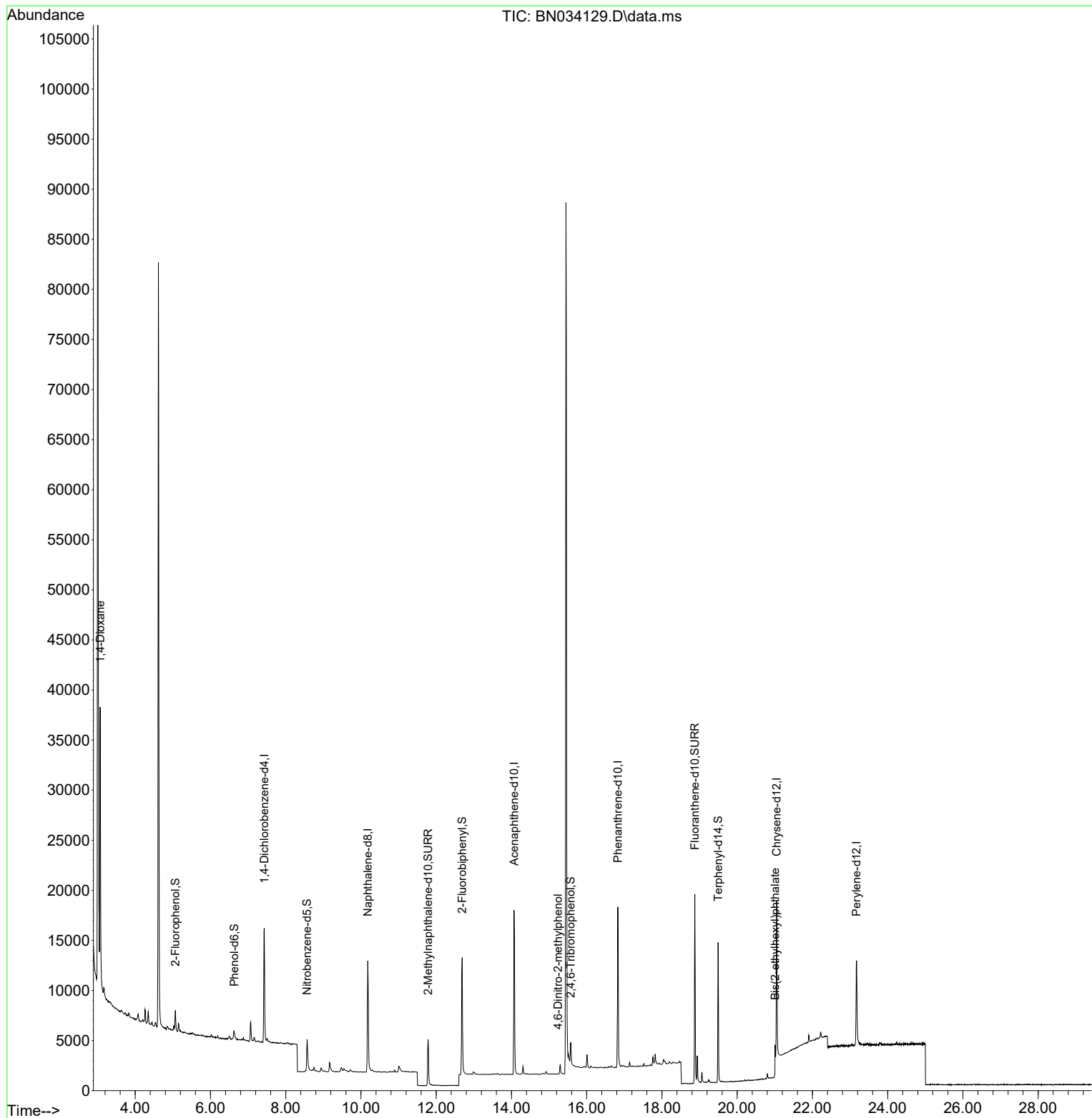
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5604	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	15798	0.400	ng	#-0.02
13) Acenaphthene-d10	14.069	164	9508	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	20443	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	14487	0.400	ng	0.00
35) Perylene-d12	23.172	264	11580	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1579	0.099	ng	0.00
5) Phenol-d6	6.629	99	951	0.051	ng	0.00
8) Nitrobenzene-d5	8.568	82	3331	0.276	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	6978	0.299	ng	0.00
14) 2,4,6-Tribromophenol	15.574	330	1166	0.271	ng	-0.01
15) 2-Fluorobiphenyl	12.690	172	11231	0.290	ng	-0.01
27) Fluoranthene-d10	18.874	212	20176	0.391	ng	-0.01
31) Terphenyl-d14	19.496	244	13157	0.455	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	15092	2.154	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.234	198	12	0.141	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.006	149	1713	0.090	ng	# 91

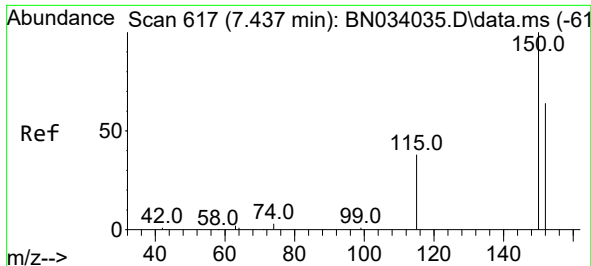
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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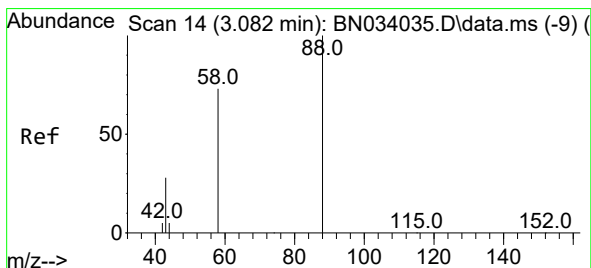
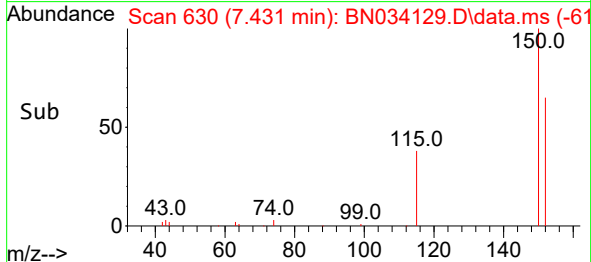
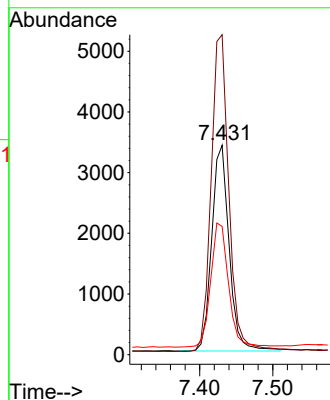
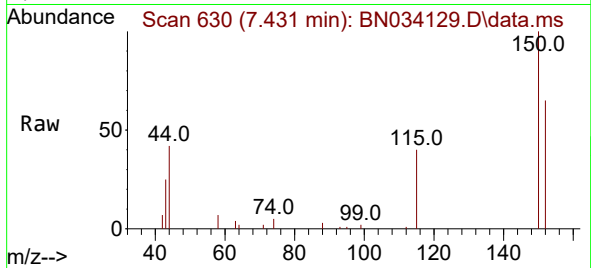




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.431 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BN034129.D
 Acq: 21 Sep 2024 17:51

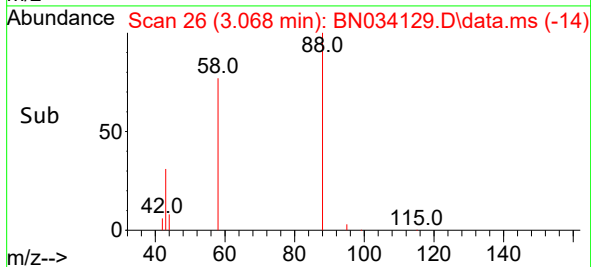
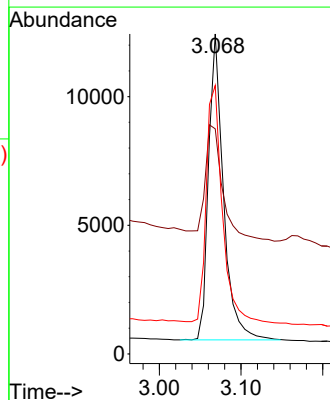
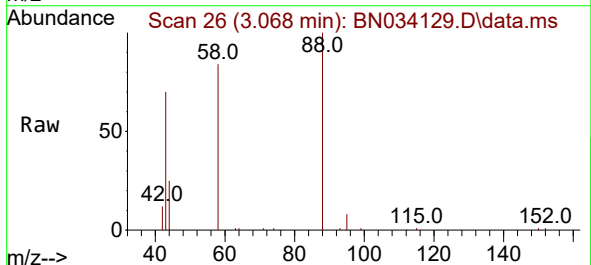
Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20240918

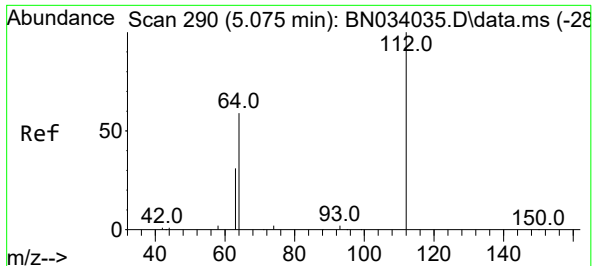
Tgt Ion:152 Resp: 5604
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.6 187.0
 115 61.3 50.0 75.0



#2
 1,4-Dioxane
 Concen: 2.154 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034129.D
 Acq: 21 Sep 2024 17:51

Tgt Ion: 88 Resp: 15092
 Ion Ratio Lower Upper
 88 100
 43 46.7 25.8 38.8#
 58 84.2 58.8 88.2

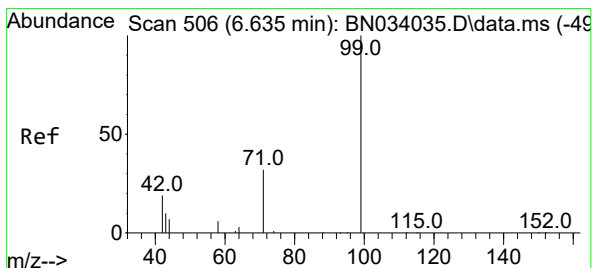
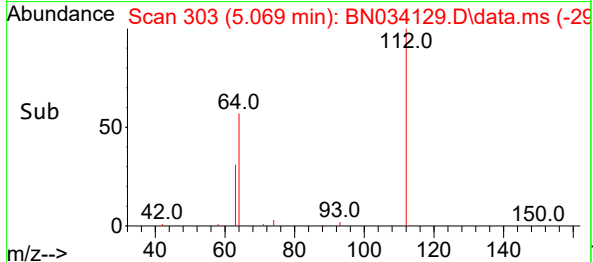
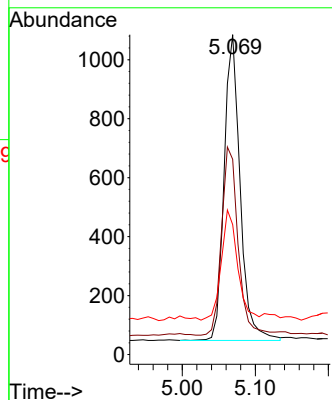
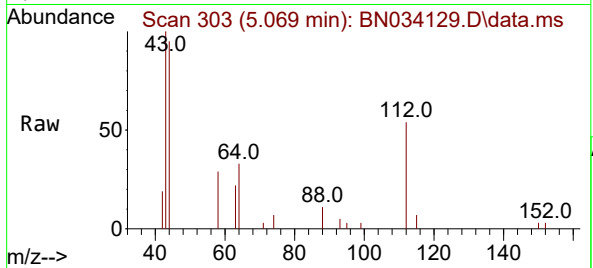




#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034129.D
Acq: 21 Sep 2024 17:51

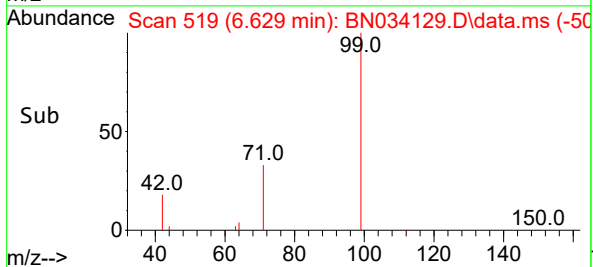
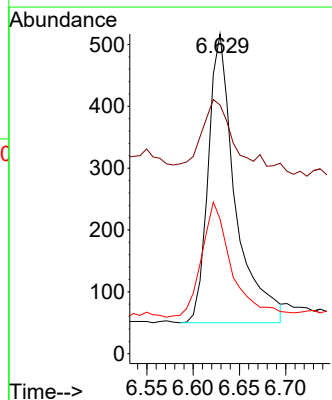
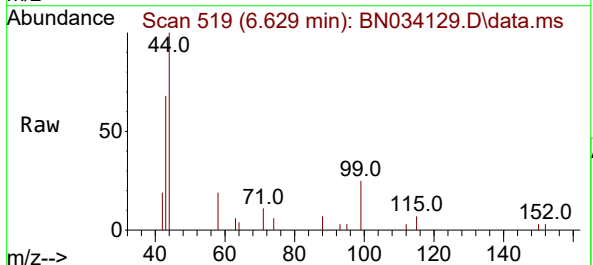
Instrument :
BNA_N
ClientSampleId :
RE132D1-20240918

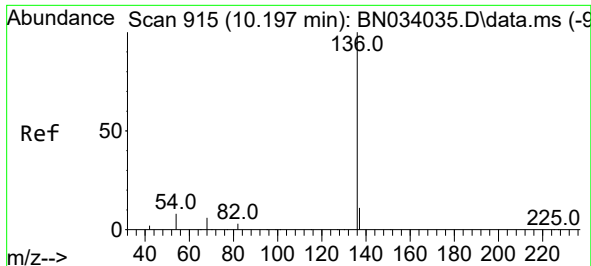
Tgt Ion:112 Resp: 1579
Ion Ratio Lower Upper
112 100
64 63.6 48.6 72.8
63 36.5 25.6 38.4



#5
Phenol-d6
Concen: 0.051 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034129.D
Acq: 21 Sep 2024 17:51

Tgt Ion: 99 Resp: 951
Ion Ratio Lower Upper
99 100
42 30.2 17.8 26.8#
71 44.2 26.2 39.2#

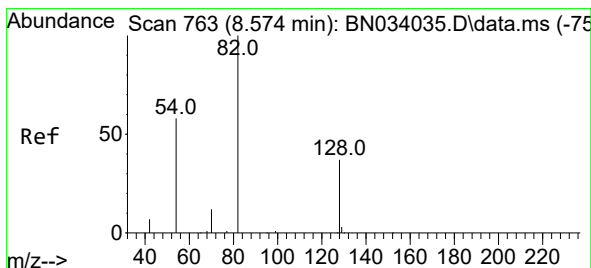
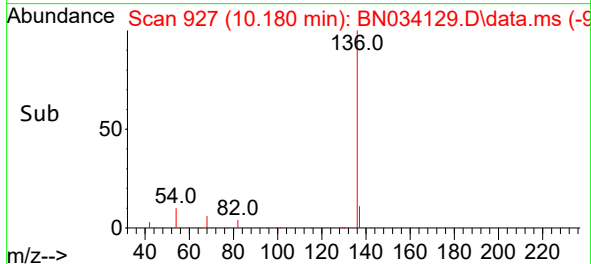
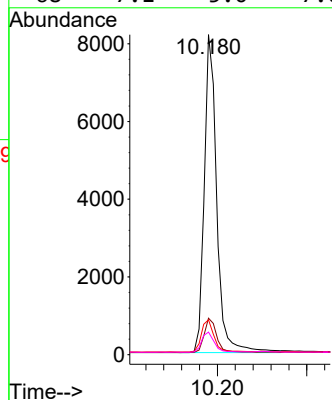
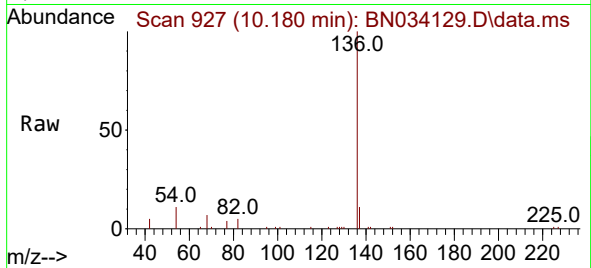




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034129.D
Acq: 21 Sep 2024 17:51

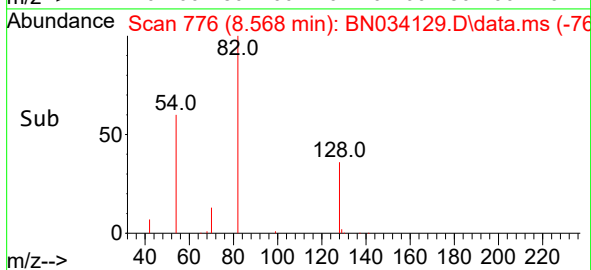
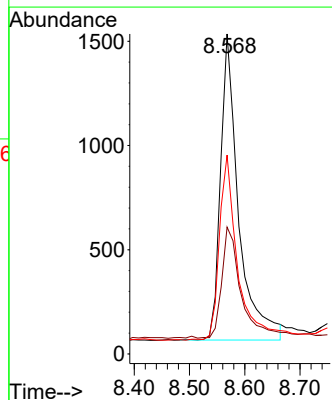
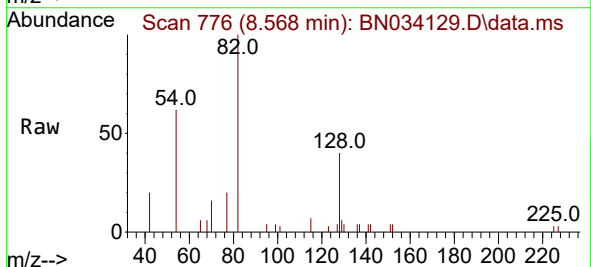
Instrument :
BNA_N
ClientSampleId :
RE132D1-20240918

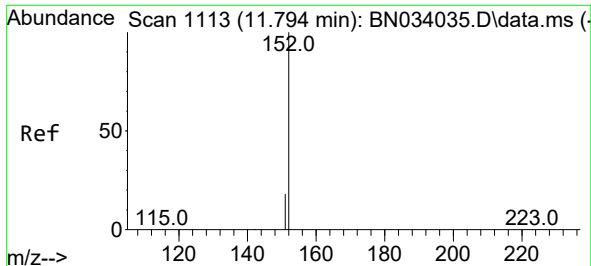
Tgt Ion:136	Resp:	15798
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	10.9	6.8 10.2
68	7.1	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034129.D
Acq: 21 Sep 2024 17:51

Tgt Ion: 82	Resp:	3331
Ion Ratio	Lower	Upper
82	100	
128	39.7	31.4 47.2
54	62.1	47.4 71.0

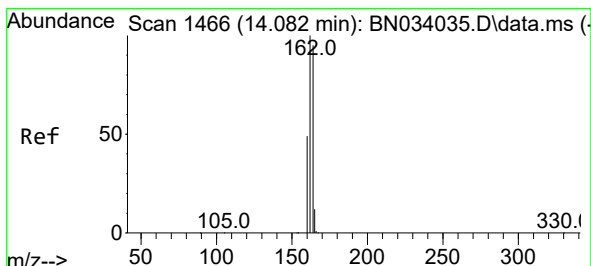
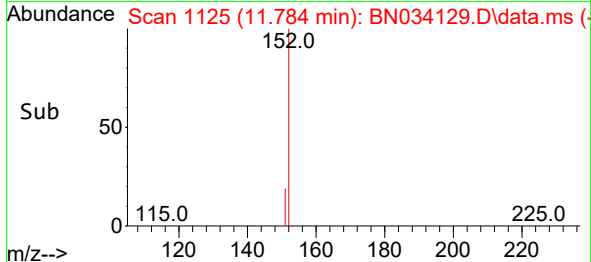
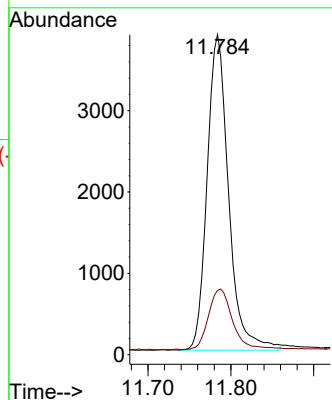
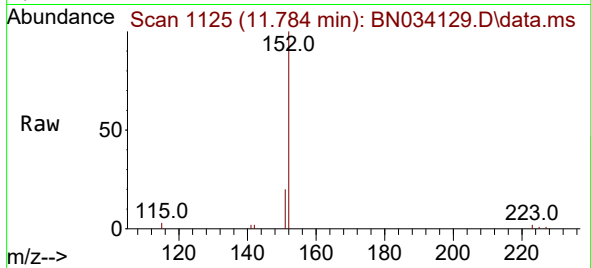




#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034129.D
Acq: 21 Sep 2024 17:51

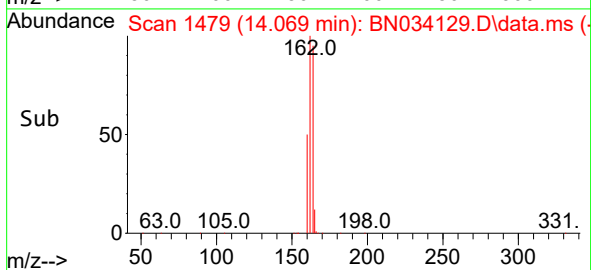
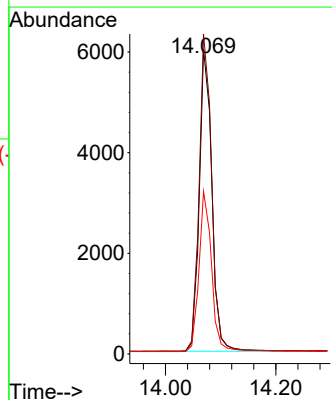
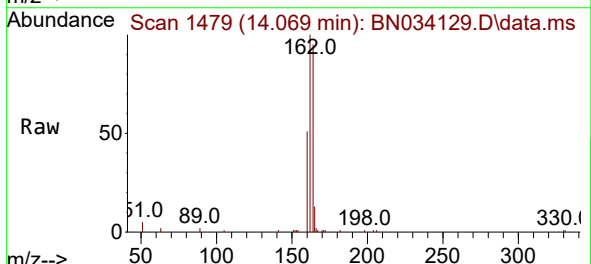
Instrument :
BNA_N
ClientSampleId :
RE132D1-20240918

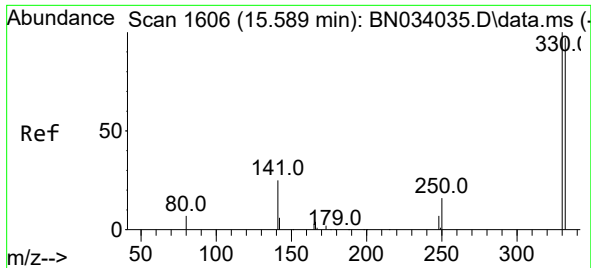
Tgt Ion:152 Resp: 6978
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.069 min Scan# 1479
Delta R.T. -0.013 min
Lab File: BN034129.D
Acq: 21 Sep 2024 17:51

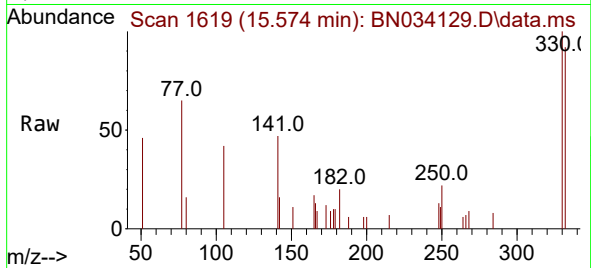
Tgt Ion:164 Resp: 9508
Ion Ratio Lower Upper
164 100
162 105.0 84.2 126.2
160 53.3 41.7 62.5



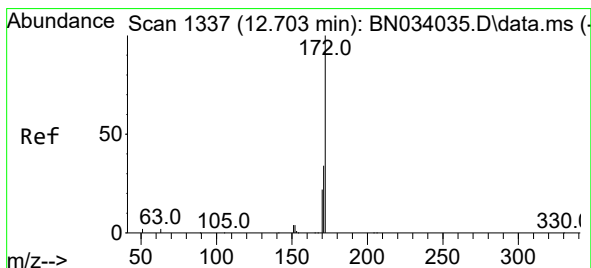
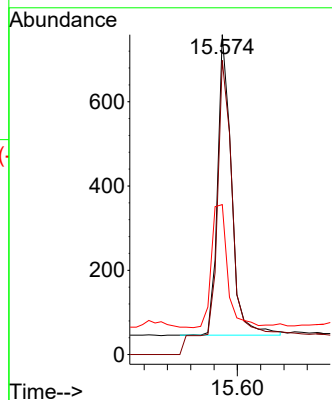
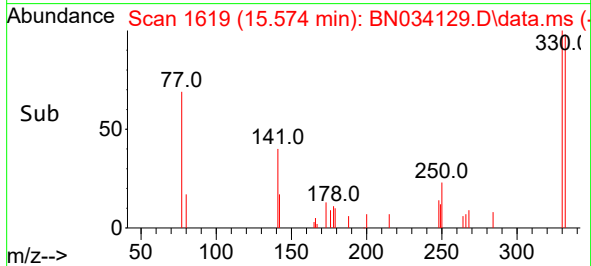


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.574 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN034129.D
Acq: 21 Sep 2024 17:51

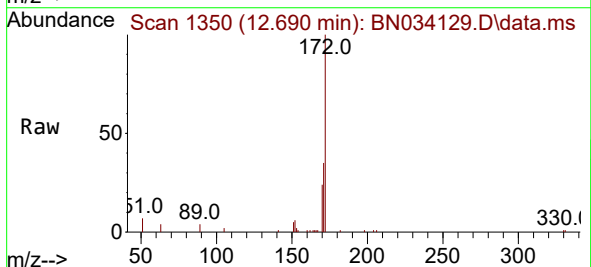
Instrument :
BNA_N
ClientSampleId :
RE132D1-20240918



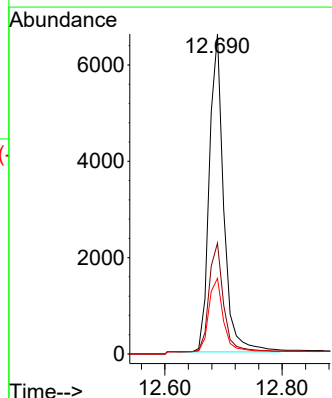
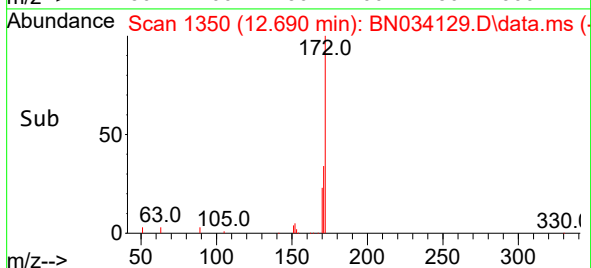
Tgt Ion:330 Resp: 1166
Ion Ratio Lower Upper
330 100
332 130.2 77.4 116.0#
141 49.0 35.9 53.9

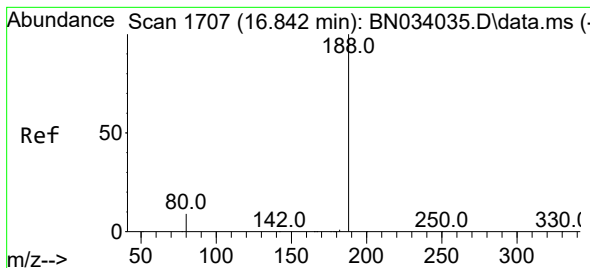


#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034129.D
Acq: 21 Sep 2024 17:51



Tgt Ion:172 Resp: 11231
Ion Ratio Lower Upper
172 100
171 34.7 27.3 40.9
170 23.6 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.828 min Scan# 11

Delta R.T. -0.015 min

Lab File: BN034129.D

Acq: 21 Sep 2024 17:51

Instrument :

BNA_N

ClientSampleId :

RE132D1-20240918

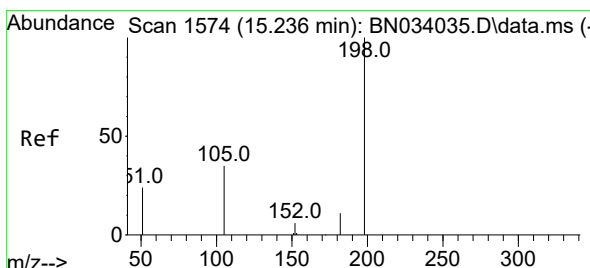
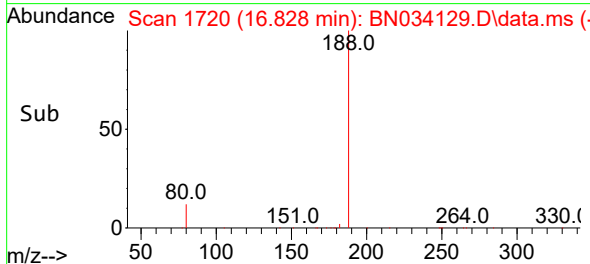
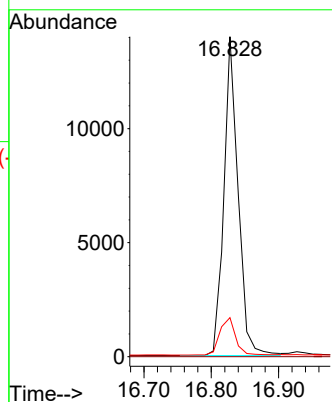
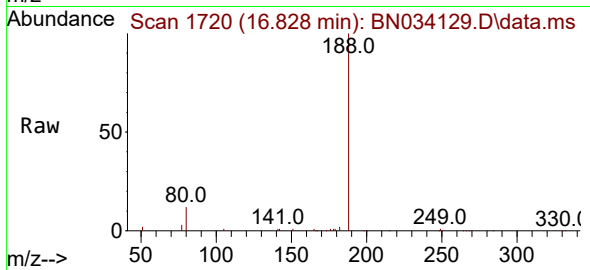
Tgt Ion:188 Resp: 20443

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.141 ng

RT: 15.234 min Scan# 1588

Delta R.T. -0.002 min

Lab File: BN034129.D

Acq: 21 Sep 2024 17:51

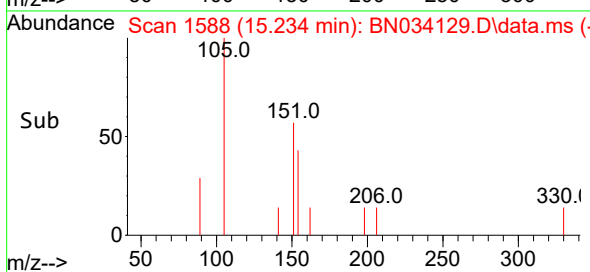
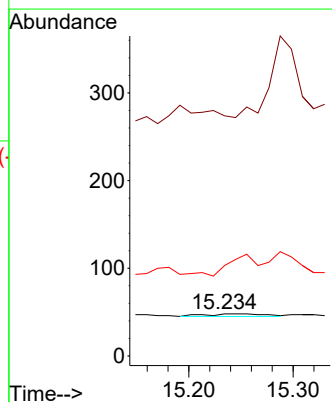
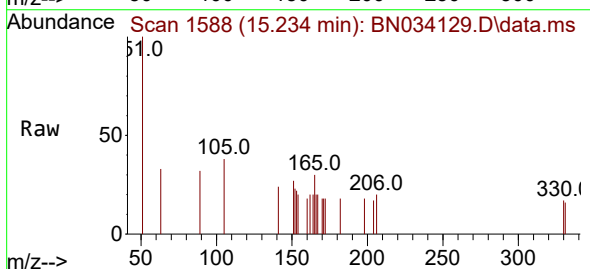
Tgt Ion:198 Resp: 12

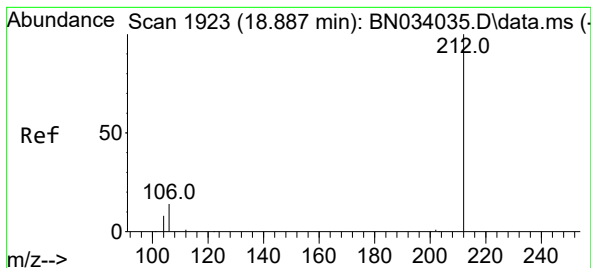
Ion Ratio Lower Upper

198 100

51 570.8 106.4 159.6#

105 214.6 38.5 57.7#





#27

Fluoranthene-d10

Concen: 0.391 ng

RT: 18.874 min Scan# 1923

Delta R.T. -0.013 min

Lab File: BN034129.D

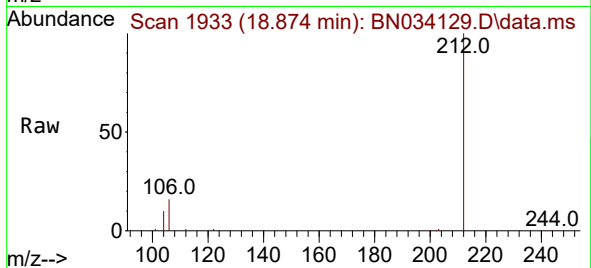
Acq: 21 Sep 2024 17:51

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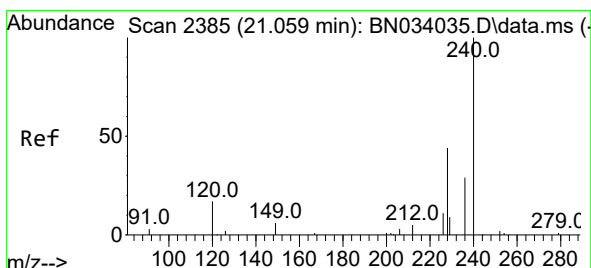
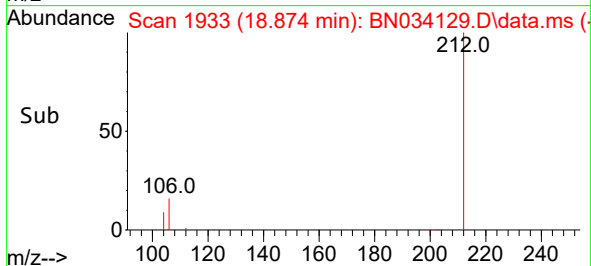
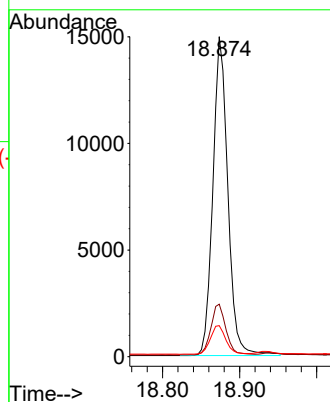
Tgt Ion:212 Resp: 20176

Ion Ratio Lower Upper

212 100

106 16.0 13.4 20.2

104 9.3 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.051 min Scan# 2397

Delta R.T. -0.008 min

Lab File: BN034129.D

Acq: 21 Sep 2024 17:51

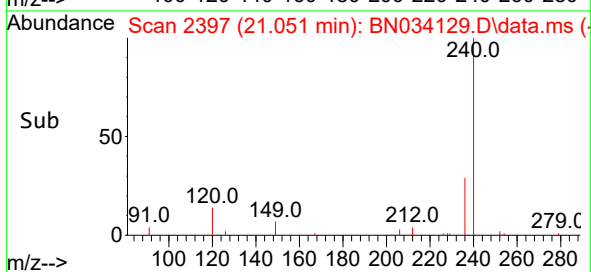
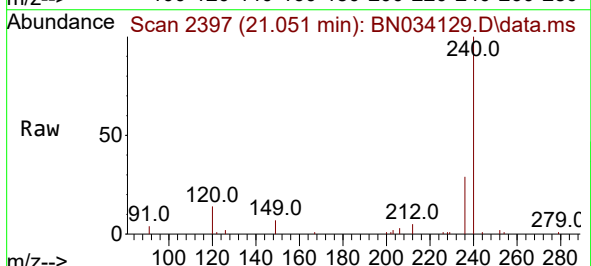
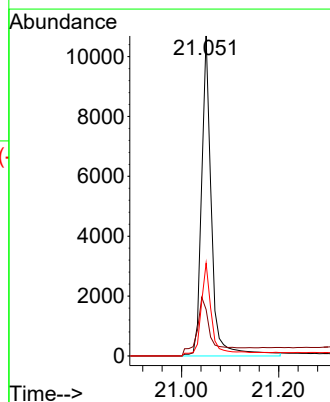
Tgt Ion:240 Resp: 14487

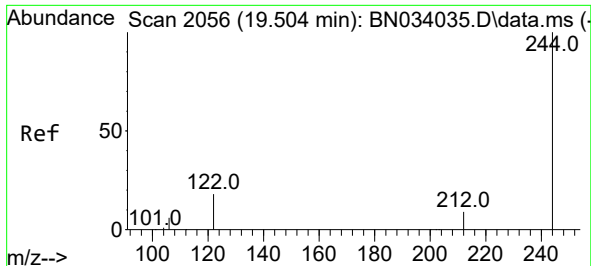
Ion Ratio Lower Upper

240 100

120 14.5 13.5 20.3

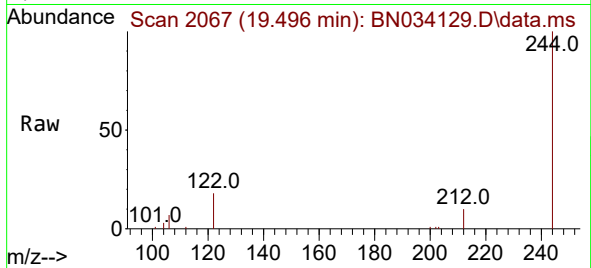
236 29.0 23.4 35.0



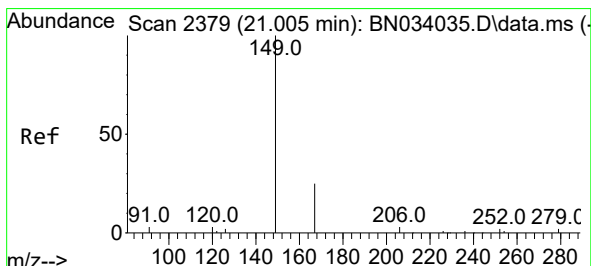
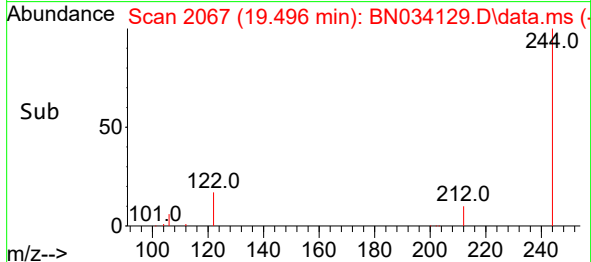
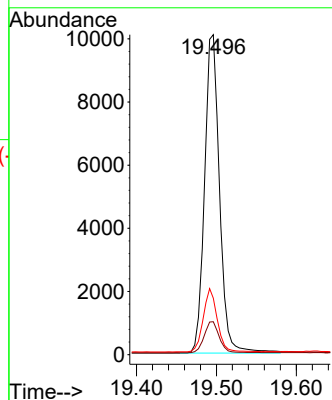


#31
Terphenyl-d14
Concen: 0.455 ng
RT: 19.496 min Scan# 2056
Delta R.T. -0.008 min
Lab File: BN034129.D
Acq: 21 Sep 2024 17:51

Instrument :
BNA_N
ClientSampleId :
RE132D1-20240918

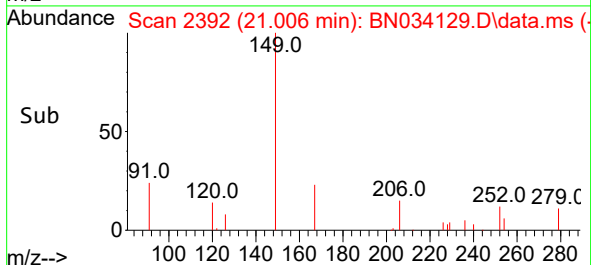
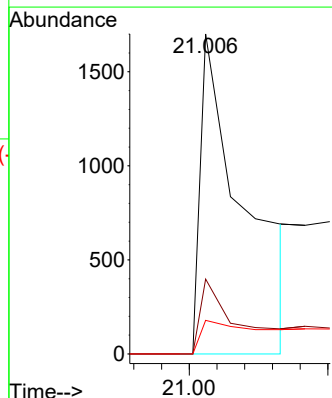
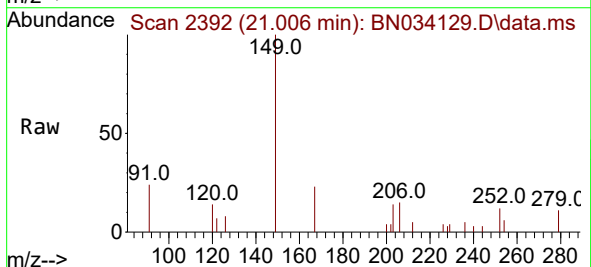


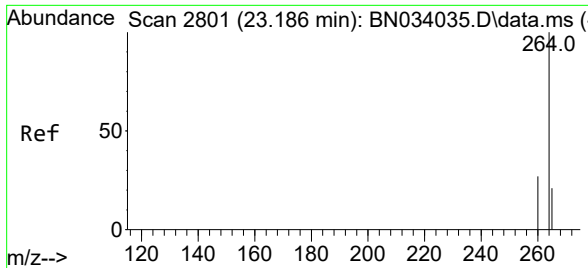
Tgt Ion:244 Resp: 13157
Ion Ratio Lower Upper
244 100
212 10.3 7.8 11.6
122 17.7 14.8 22.2



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.090 ng
RT: 21.006 min Scan# 2392
Delta R.T. 0.001 min
Lab File: BN034129.D
Acq: 21 Sep 2024 17:51

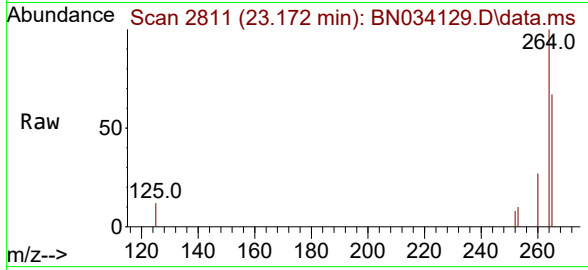
Tgt Ion:149 Resp: 1713
Ion Ratio Lower Upper
149 100
167 21.1 19.9 29.9
279 10.8 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.172 min Scan# 2811
Delta R.T. -0.014 min
Lab File: BN034129.D
Acq: 21 Sep 2024 17:51

Instrument :
BNA_N
ClientSampleId :
RE132D1-20240918



Tgt Ion:264 Resp: 11580
Ion Ratio Lower Upper
264 100
260 27.1 21.7 32.5
265 67.0 52.1 78.1

