

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034547.D
 Acq On : 11 Oct 2024 08:03
 Operator : RC/JU
 Sample : P4231-02DL 2X
 Misc :
 ALS Vial : 123 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20240924DL

Quant Time: Oct 11 08:33:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

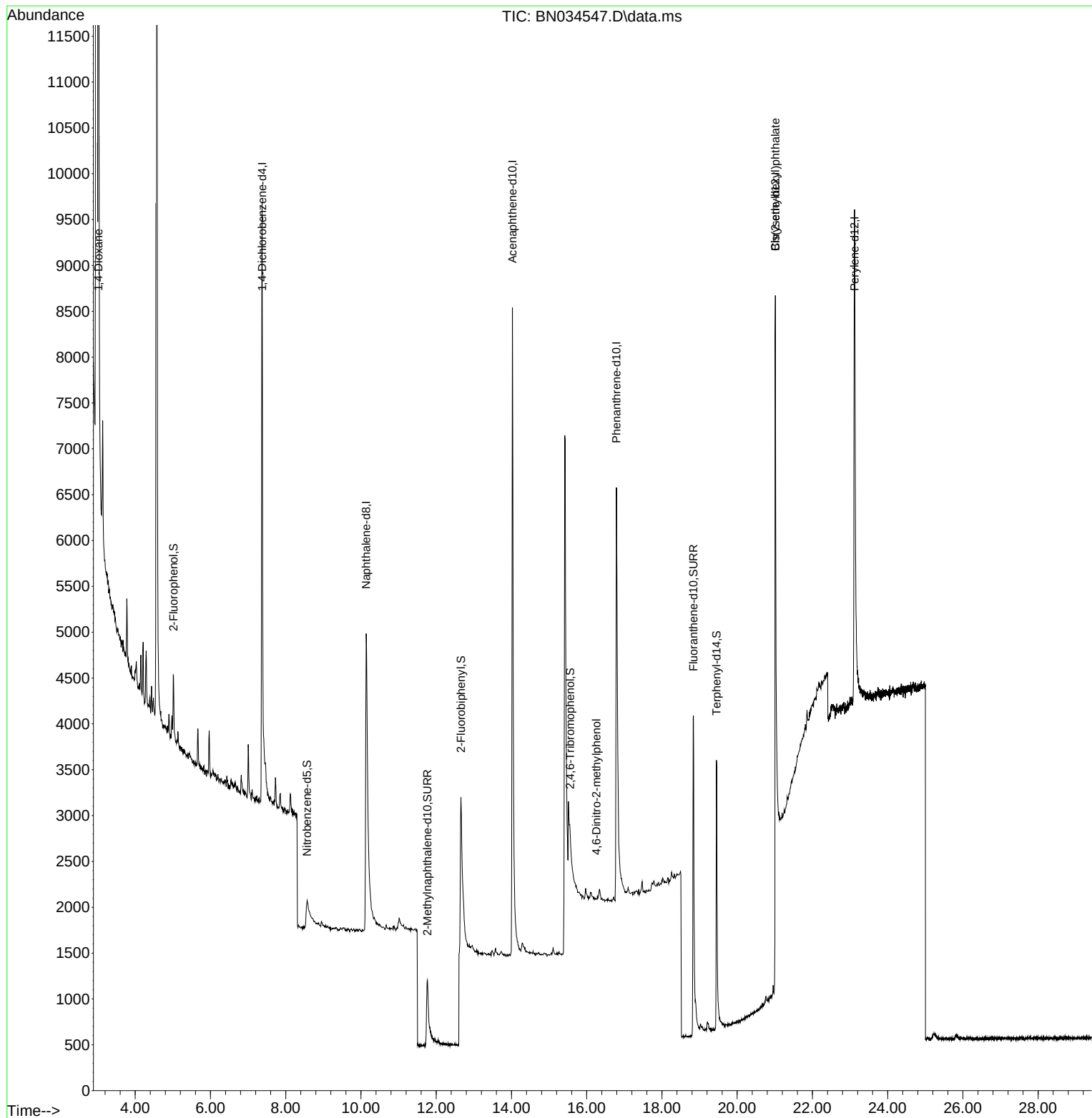
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3856	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	10257	0.400	ng	# 0.01
13) Acenaphthene-d10	14.026	164	6223	0.400	ng	0.01
19) Phenanthrene-d10	16.790	188	11665	0.400	ng	# 0.01
29) Chrysene-d12	21.015	240	8777	0.400	ng	0.00
35) Perylene-d12	23.119	264	9615	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	642	0.059	ng	0.00
5) Phenol-d6	6.614	99	72	0.006	ng	0.04
8) Nitrobenzene-d5	8.568	82	640	0.082	ng	0.05
11) 2-Methylnaphthalene-d10	11.765	152	2101	0.139	ng	0.04
14) 2,4,6-Tribromophenol	15.562	330	321	0.114	ng	0.02
15) 2-Fluorobiphenyl	12.657	172	3961	0.156	ng	0.02
27) Fluoranthene-d10	18.836	212	5955	0.202	ng	0.00
31) Terphenyl-d14	19.449	244	4041	0.231	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	12697	2.634	ng	99
20) 4,6-Dinitro-2-methylph...	16.257	198	9	0.142	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.015	149	954	0.082	ng	# 70

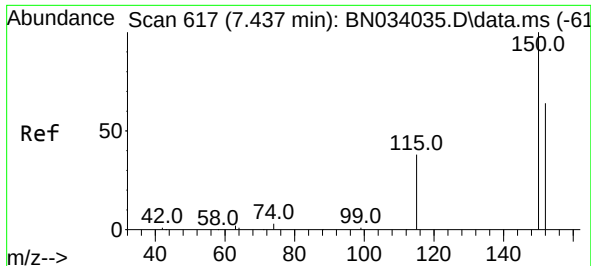
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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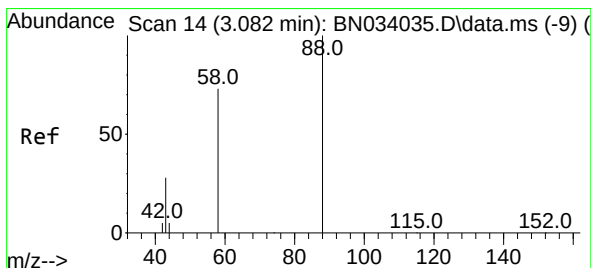
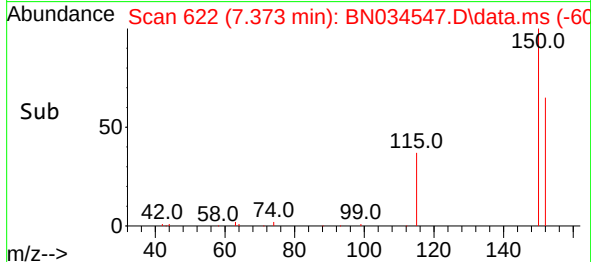
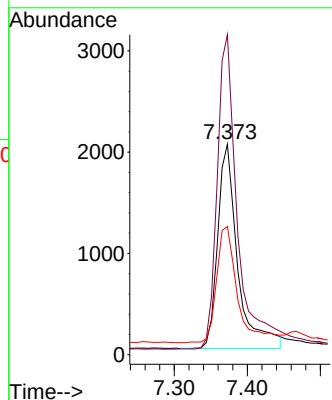
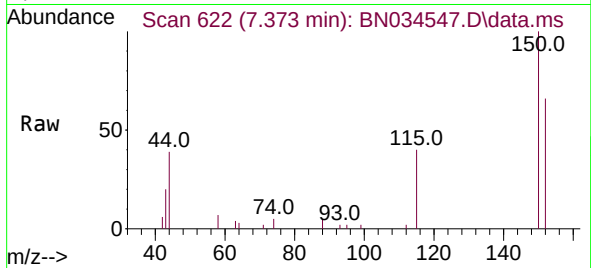




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.373 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN034547.D
 Acq: 11 Oct 2024 08:03

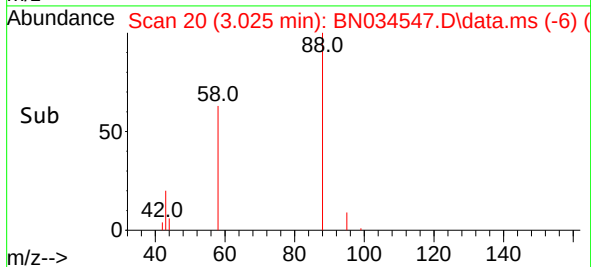
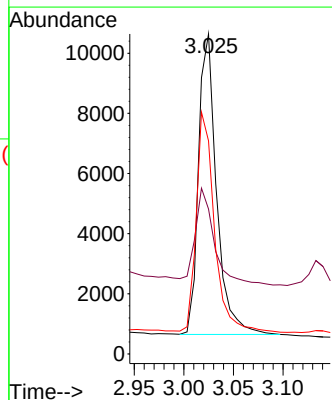
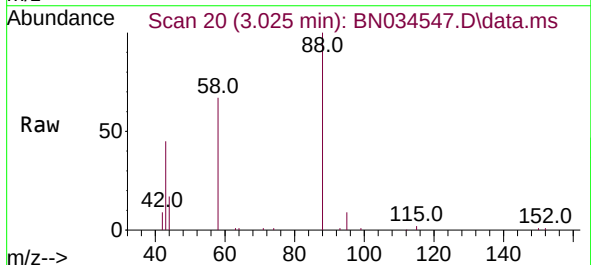
Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20240924DL

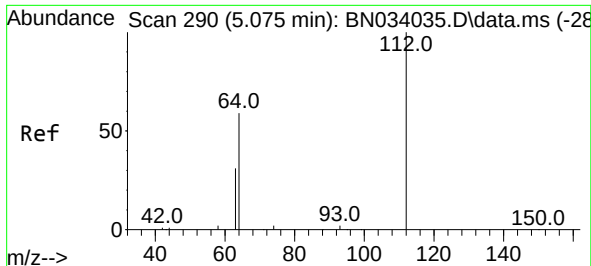
Tgt Ion:152 Resp: 3856
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.6 187.0
 115 60.8 50.0 75.0



#2
 1,4-Dioxane
 Concen: 2.634 ng
 RT: 3.025 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN034547.D
 Acq: 11 Oct 2024 08:03

Tgt Ion: 88 Resp: 12697
 Ion Ratio Lower Upper
 88 100
 43 34.1 25.8 38.8
 58 73.7 58.8 88.2

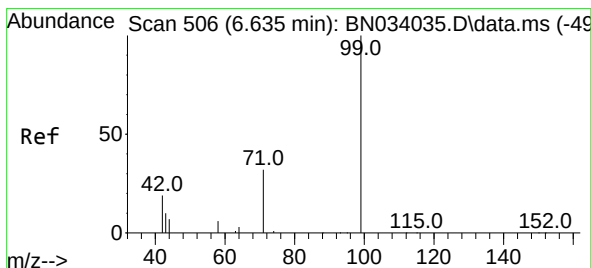
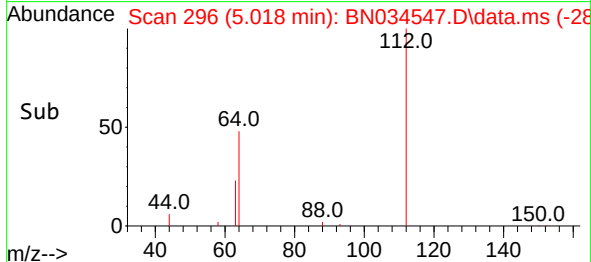
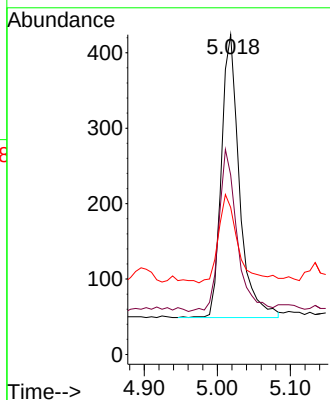
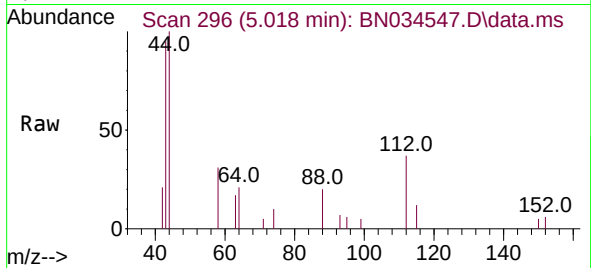




#4
2-Fluorophenol
Concen: 0.059 ng
RT: 5.018 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

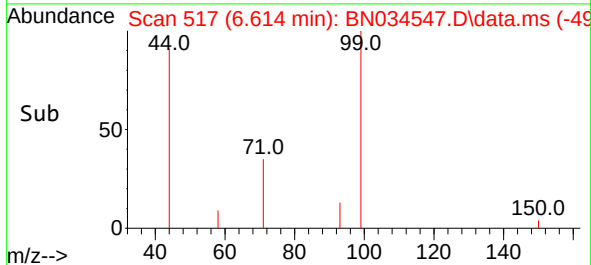
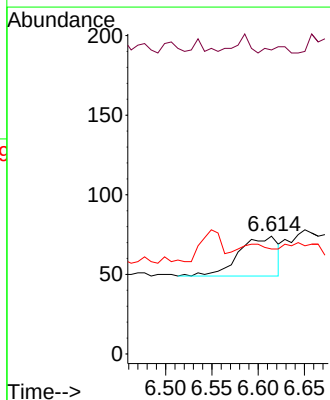
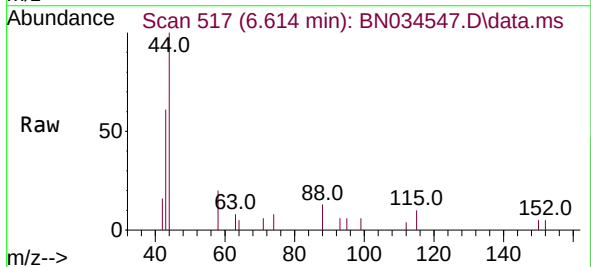
Instrument :
BNA_N
ClientSampleId :
TT101D1-20240924DL

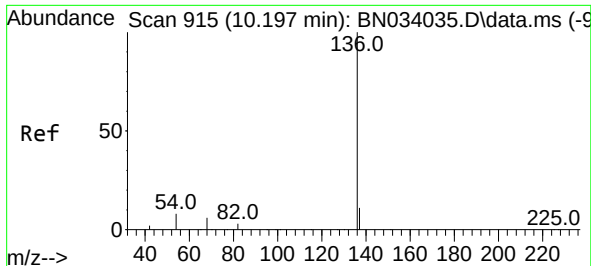
Tgt Ion:112 Resp: 642
Ion Ratio Lower Upper
112 100
64 57.9 48.6 72.8
63 34.0 25.6 38.4



#5
Phenol-d6
Concen: 0.006 ng
RT: 6.614 min Scan# 517
Delta R.T. 0.043 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

Tgt Ion: 99 Resp: 72
Ion Ratio Lower Upper
99 100
42 8.3 17.8 26.8#
71 0.0 26.2 39.2#

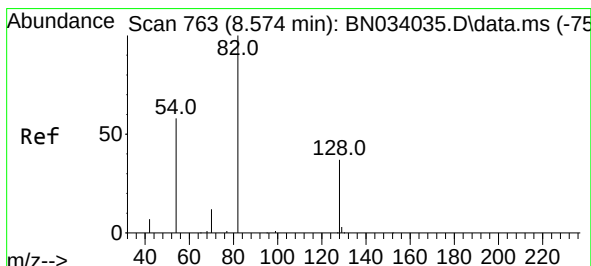
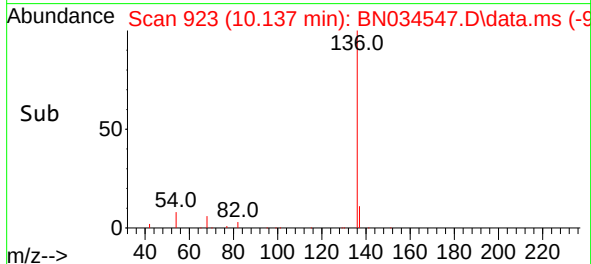
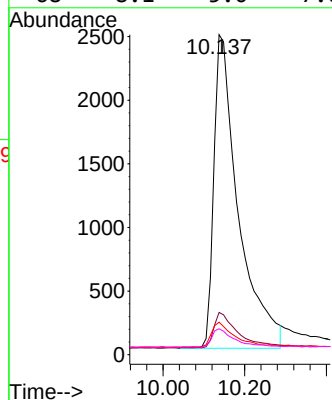
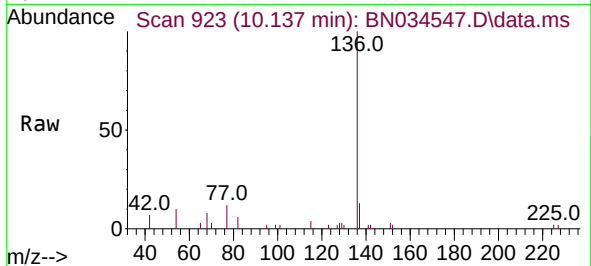




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

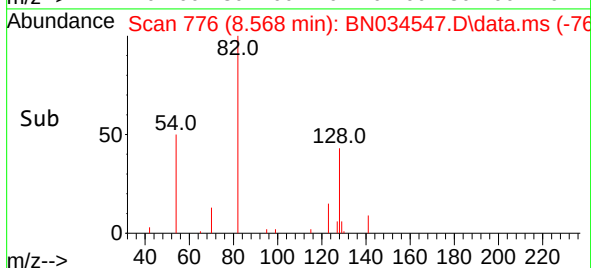
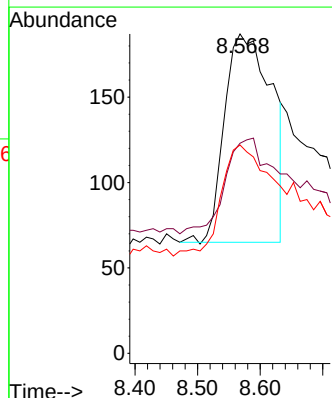
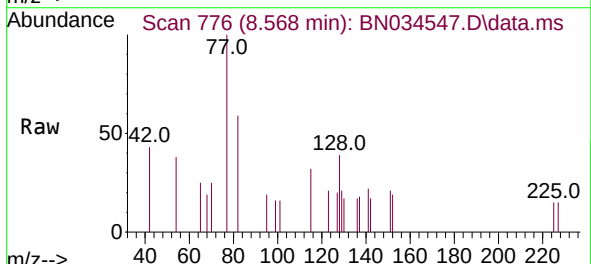
Instrument :
BNA_N
ClientSampleId :
TT101D1-20240924DL

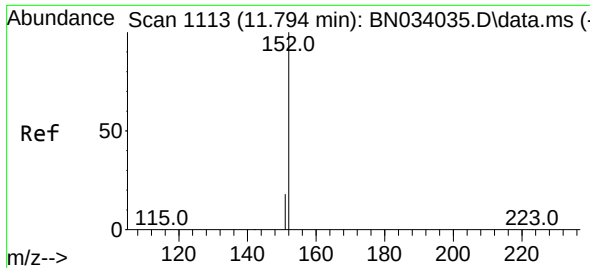
Tgt Ion:	136	Resp:	10257
Ion Ratio	Lower	Upper	
136	100		
137	13.2	9.0	13.6
54	10.2	6.8	10.2
68	8.1	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.082 ng
RT: 8.568 min Scan# 776
Delta R.T. 0.053 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

Tgt Ion:	82	Resp:	640
Ion Ratio	Lower	Upper	
82	100		
128	65.8	31.4	47.2
54	65.2	47.4	71.0

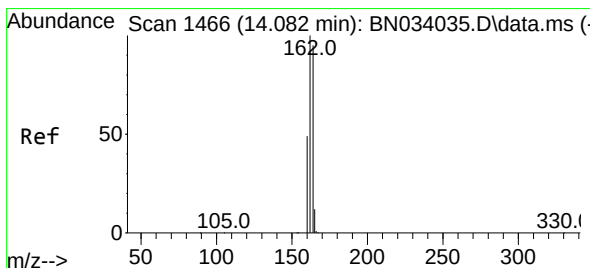
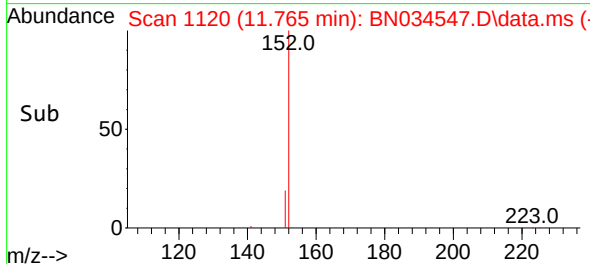
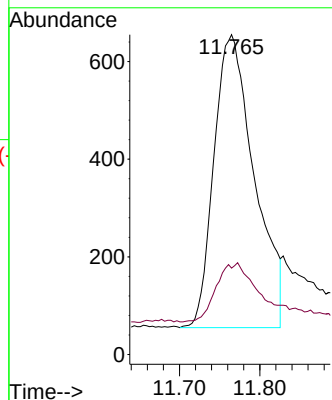
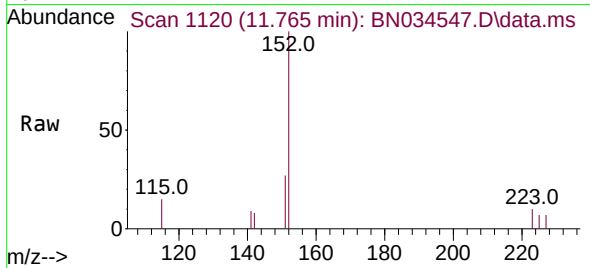




#11
2-Methylnaphthalene-d10
Concen: 0.139 ng
RT: 11.765 min Scan# 1113
Delta R.T. 0.038 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

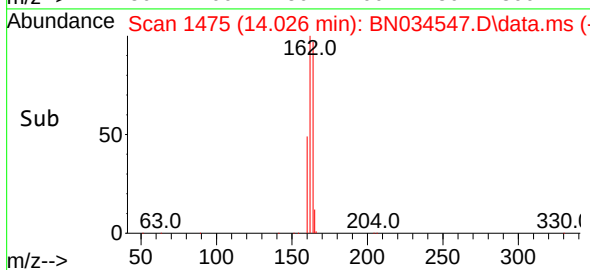
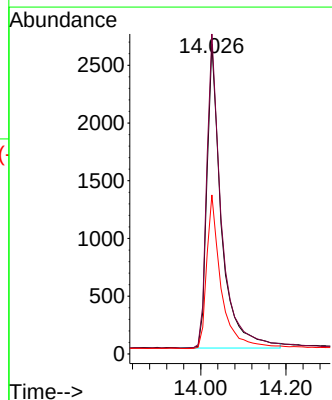
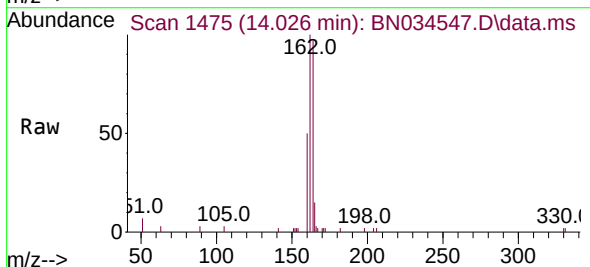
Instrument :
BNA_N
ClientSampleId :
TT101D1-20240924DL

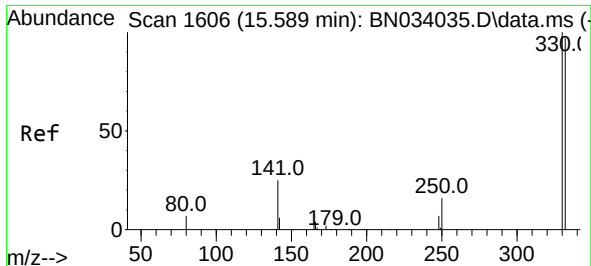
Tgt Ion:152 Resp: 2101
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 1475
Delta R.T. 0.011 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

Tgt Ion:164 Resp: 6223
Ion Ratio Lower Upper
164 100
162 103.3 84.2 126.2
160 51.3 41.7 62.5

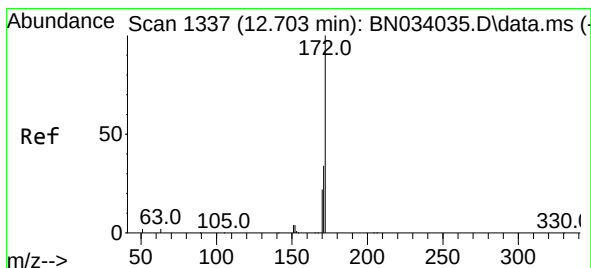
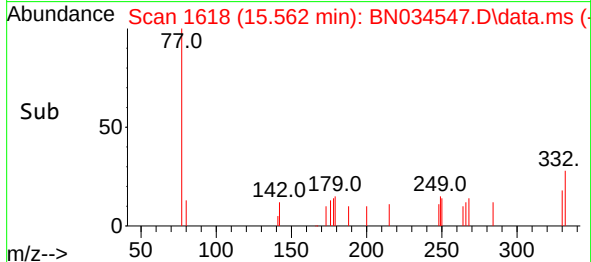
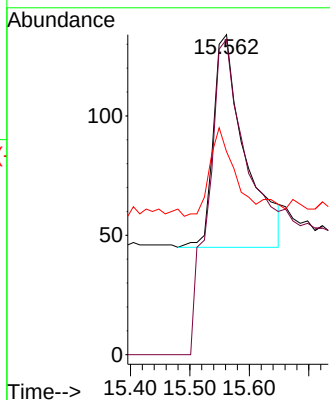
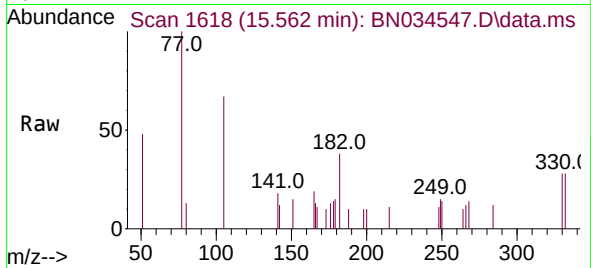




#14
2,4,6-Tribromophenol
Concen: 0.114 ng
RT: 15.562 min Scan# 1618
Delta R.T. 0.025 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

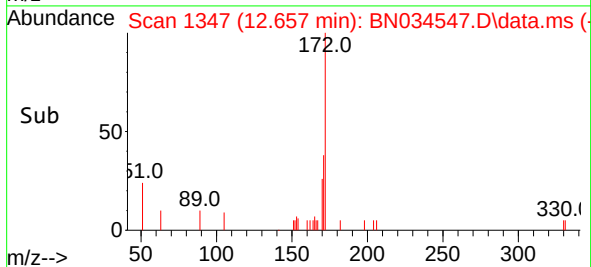
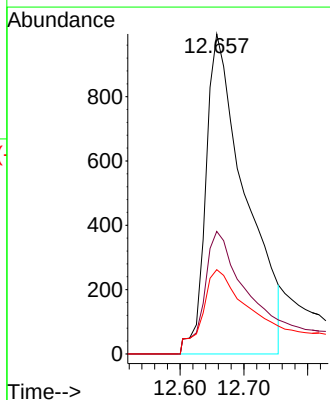
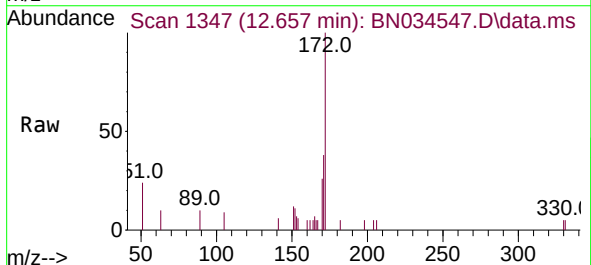
Instrument :
BNA_N
ClientSampleId :
TT101D1-20240924DL

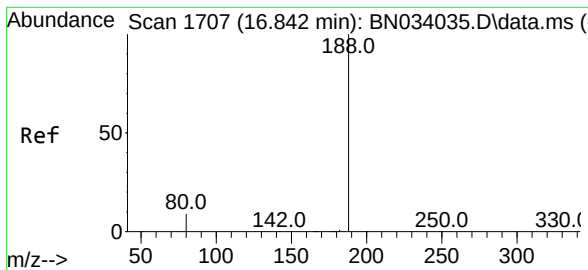
Tgt Ion:330 Resp: 321
Ion Ratio Lower Upper
330 100
332 218.1 77.4 116.0#
141 32.4 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.156 ng
RT: 12.657 min Scan# 1347
Delta R.T. 0.021 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

Tgt Ion:172 Resp: 3961
Ion Ratio Lower Upper
172 100
171 38.3 27.3 40.9
170 26.3 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.790 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN034547.D

Acq: 11 Oct 2024 08:03

Instrument :

BNA_N

ClientSampleId :

TT101D1-20240924DL

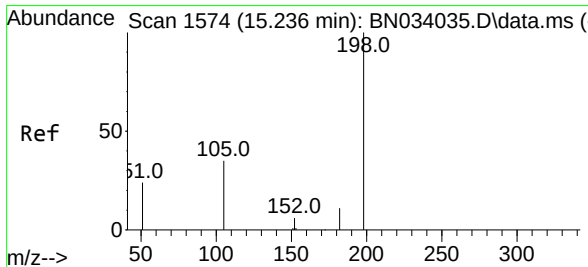
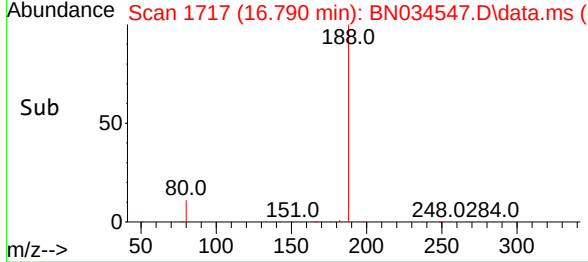
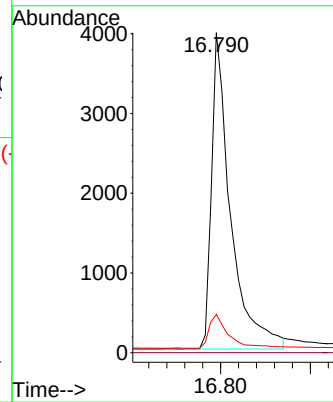
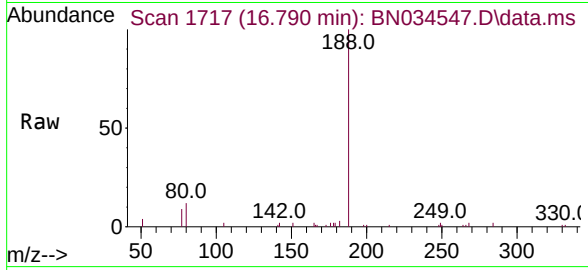
Tgt Ion:188 Resp: 11665

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.142 ng

RT: 16.257 min Scan# 1674

Delta R.T. -0.025 min

Lab File: BN034547.D

Acq: 11 Oct 2024 08:03

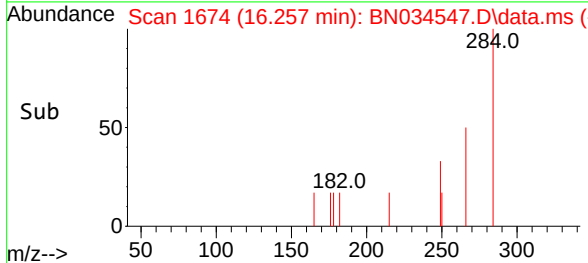
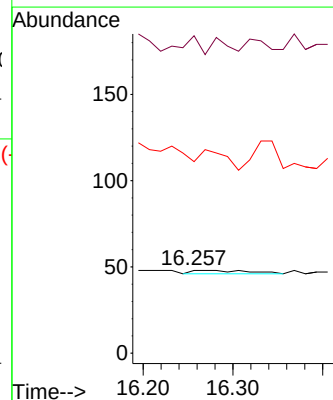
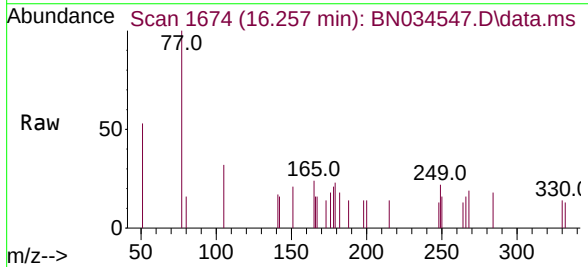
Tgt Ion:198 Resp: 9

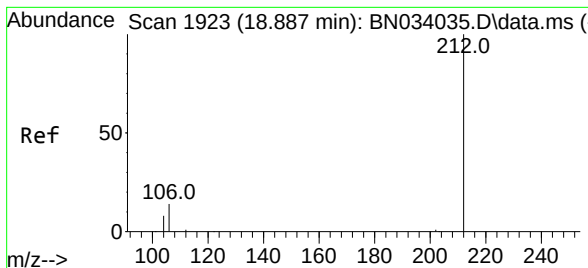
Ion Ratio Lower Upper

198 100

51 383.3 106.4 159.6#

105 231.3 38.5 57.7#





#27

Fluoranthene-d10

Concen: 0.202 ng

RT: 18.836 min Scan# 1925

Delta R.T. 0.009 min

Lab File: BN034547.D

Acq: 11 Oct 2024 08:03

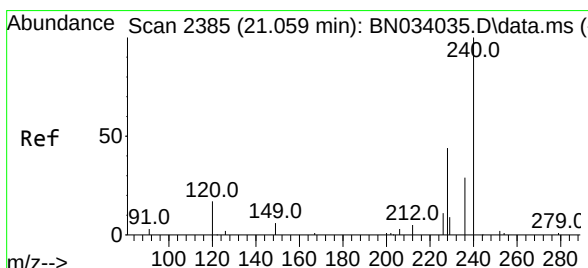
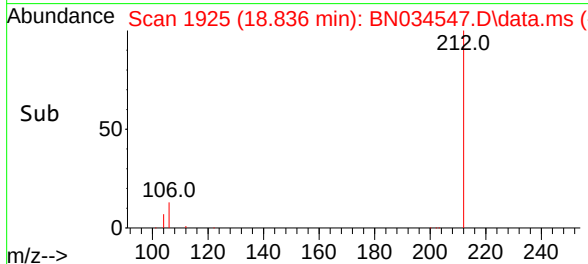
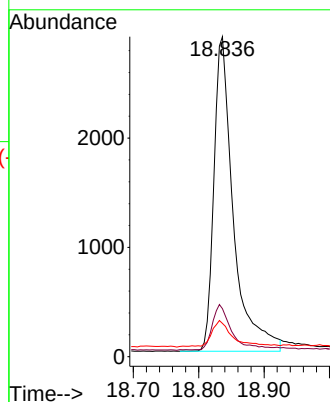
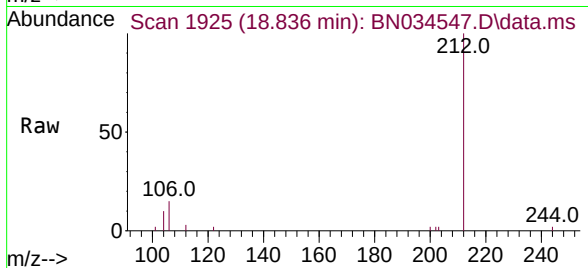
Instrument :

BNA_N

ClientSampleId :

TT101D1-20240924DL

Tgt Ion:212	Resp:	5955
Ion Ratio	Lower	Upper
212	100	
106	14.3	13.4 20.2
104	8.6	7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

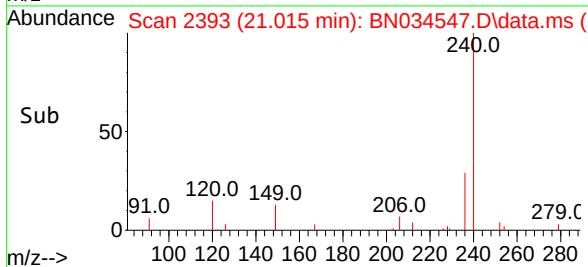
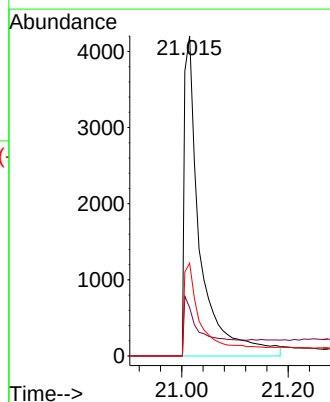
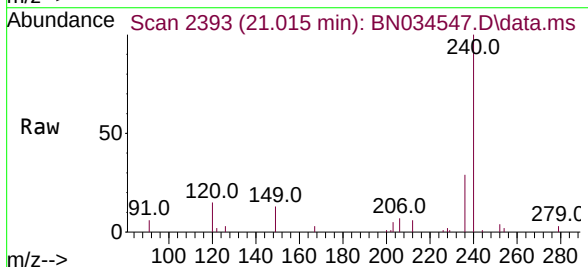
RT: 21.015 min Scan# 2393

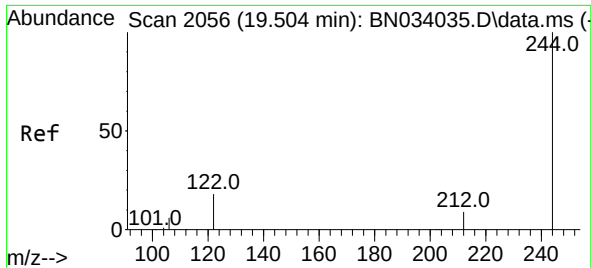
Delta R.T. 0.009 min

Lab File: BN034547.D

Acq: 11 Oct 2024 08:03

Tgt Ion:240	Resp:	8777
Ion Ratio	Lower	Upper
240	100	
120	15.1	13.5 20.3
236	29.0	23.4 35.0

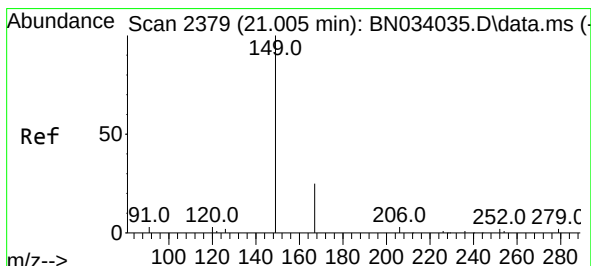
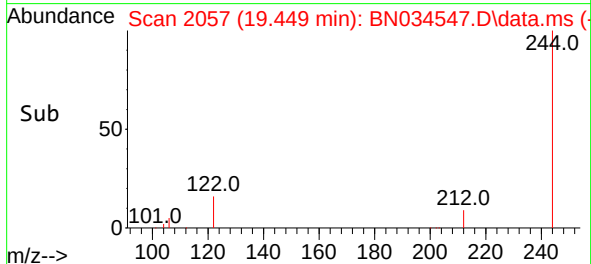
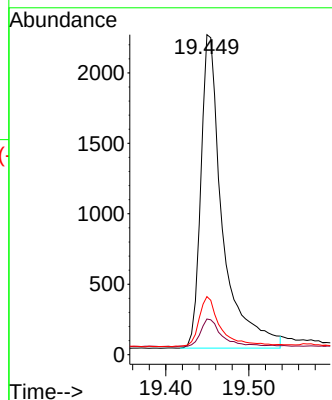
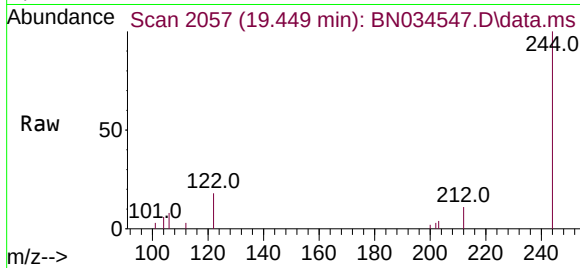




#31
 Terphenyl-d14
 Concen: 0.231 ng
 RT: 19.449 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: BN034547.D
 Acq: 11 Oct 2024 08:03

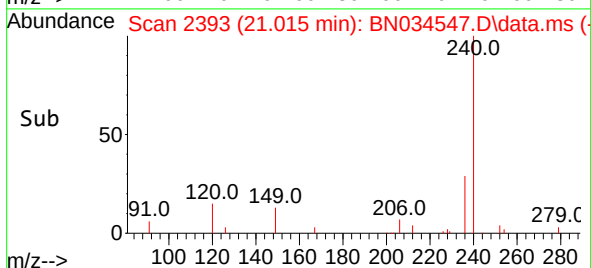
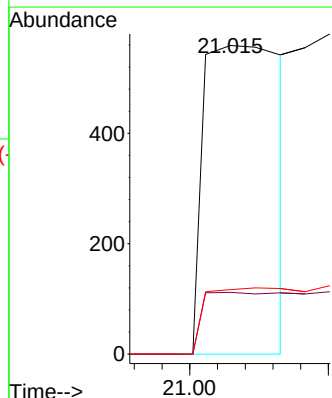
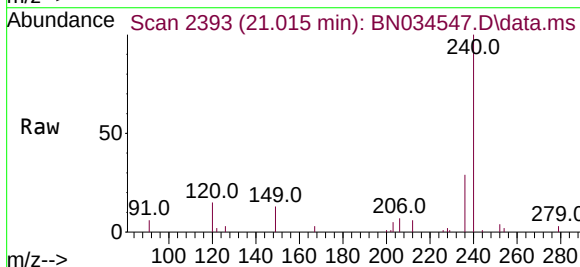
Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20240924DL

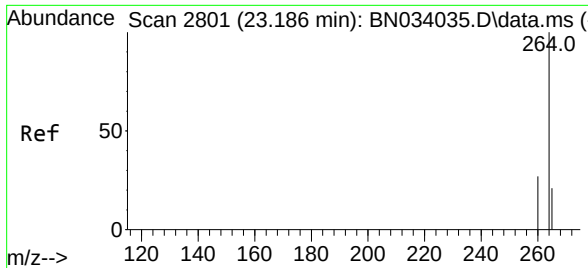
Tgt Ion:	244	Resp:	4041
Ion Ratio	Lower	Upper	
244	100		
212	11.1	7.8	11.6
122	18.1	14.8	22.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.015 min Scan# 2393
 Delta R.T. 0.009 min
 Lab File: BN034547.D
 Acq: 11 Oct 2024 08:03

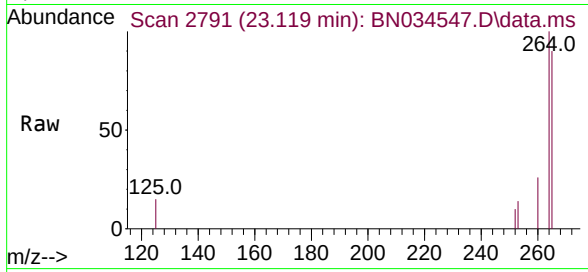
Tgt Ion:	149	Resp:	954
Ion Ratio	Lower	Upper	
149	100		
167	14.2	19.9	29.9#
279	27.6	4.6	6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN034547.D
Acq: 11 Oct 2024 08:03

Instrument :
BNA_N
ClientSampleId :
TT101D1-20240924DL



Tgt Ion:264 Resp: 9615
Ion Ratio Lower Upper
264 100
260 25.9 21.7 32.5
265 90.3 52.1 78.1#

