

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
 Data File : BN034055.D
 Acq On : 19 Sep 2024 18:15
 Operator : JU/RC
 Sample : P3972-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240911

Quant Time: Sep 19 18:45:06 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)

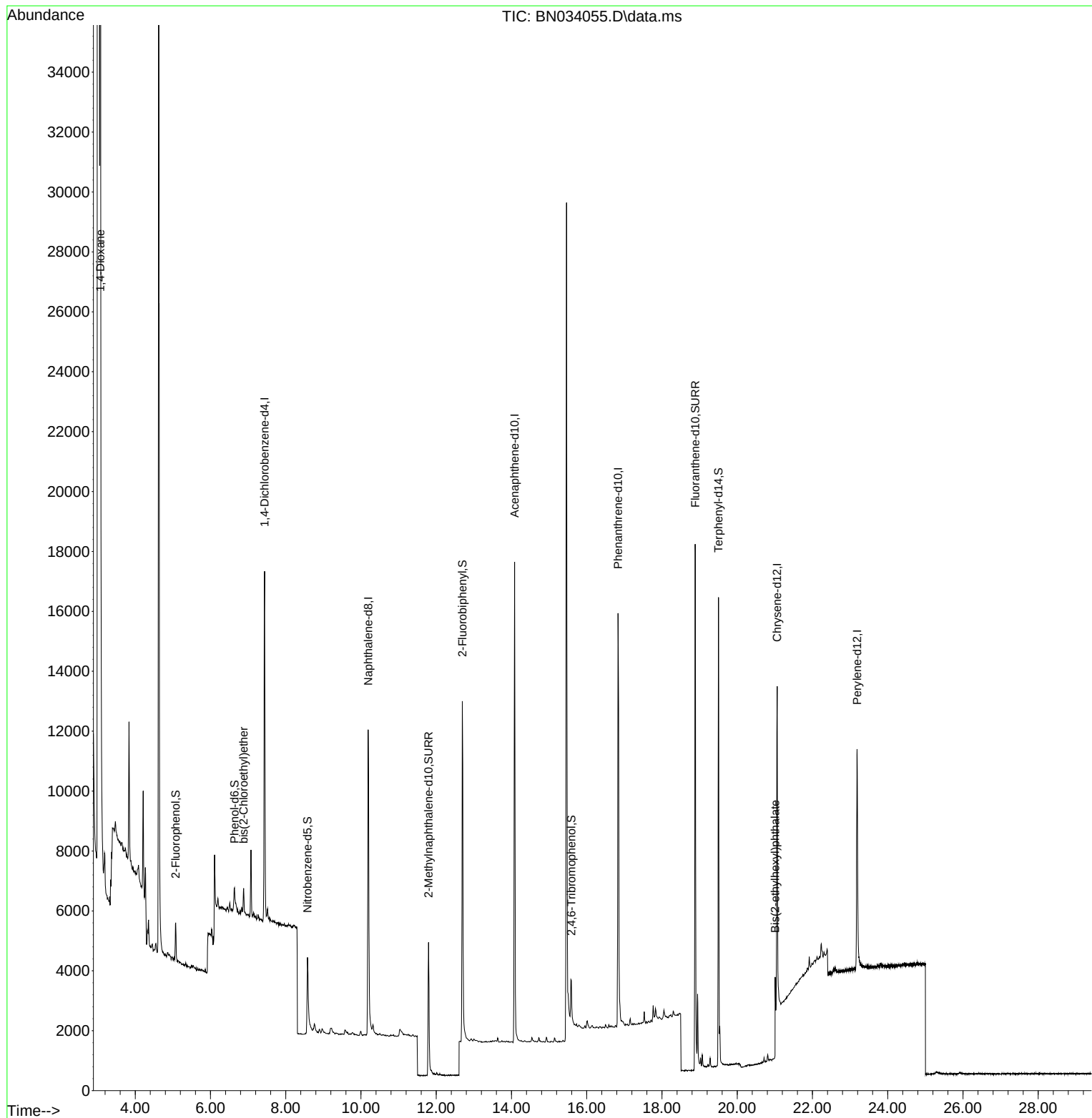
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	5666	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15607	0.400	ng	# 0.00
13) Acenaphthene-d10	14.083	164	9040	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	20719	0.400	ng	# 0.00
29) Chrysene-d12	21.062	240	11369	0.400	ng	# 0.00
35) Perylene-d12	23.186	264	10239	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	1026	0.064	ng	0.00
5) Phenol-d6	6.636	99	864	0.046	ng	0.00
8) Nitrobenzene-d5	8.578	82	3076	0.258	ng	0.00
11) 2-Methylnaphthalene-d10	11.795	152	7038	0.305	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	1034	0.252	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	11537	0.314	ng	0.00
27) Fluoranthene-d10	18.885	212	20239	0.387	ng	0.00
31) Terphenyl-d14	19.503	244	15010	0.661	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.075	88	23527	3.321	ng	92
6) bis(2-Chloroethyl)ether	6.882	93	550	0.033	ng	99
34) Bis(2-ethylhexyl)phtha...	21.008	149	1474	0.098	ng	# 89

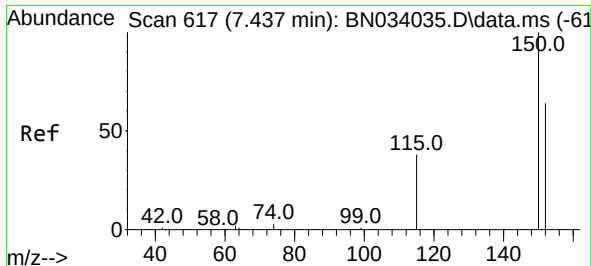
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
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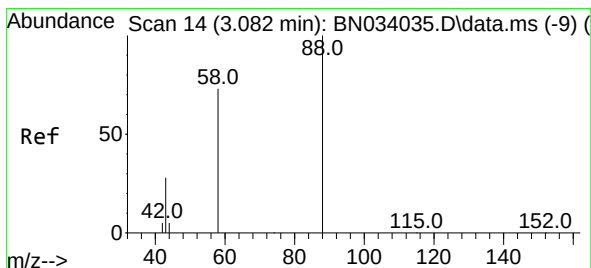
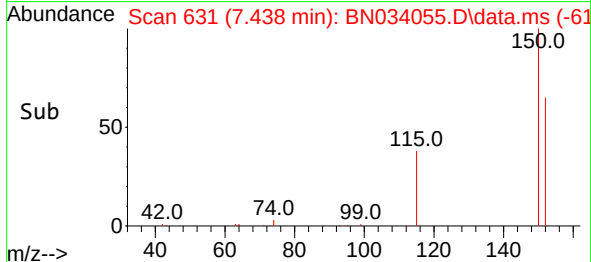
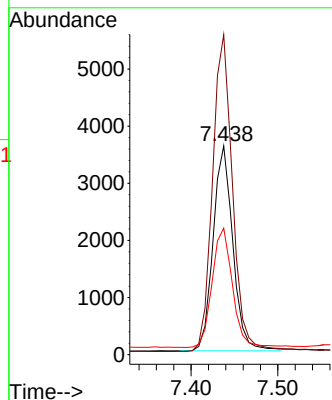
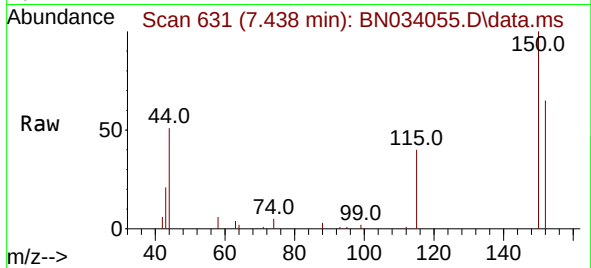




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.438 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN034055.D
 Acq: 19 Sep 2024 18:15

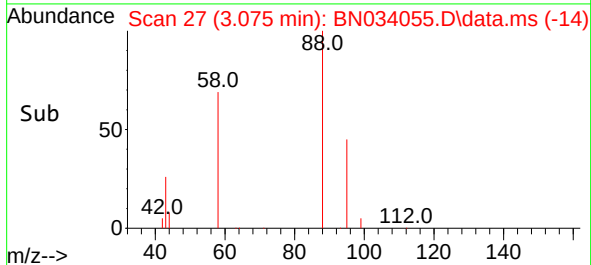
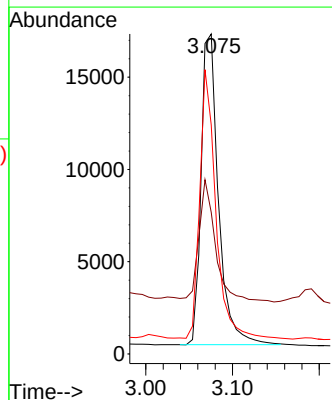
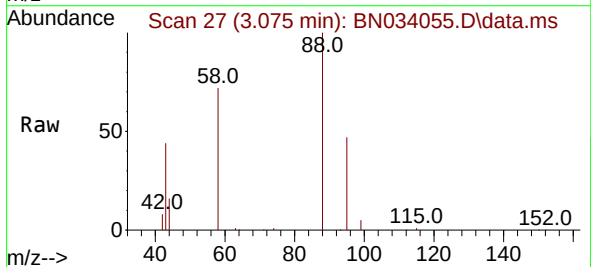
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240911

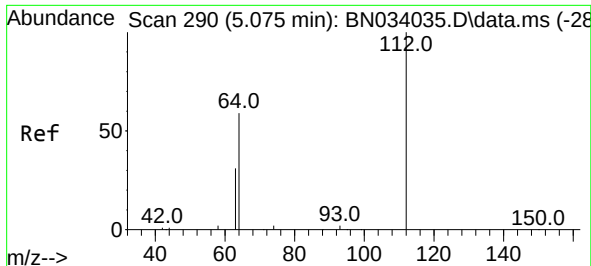
Tgt Ion:152 Resp: 5666
 Ion Ratio Lower Upper
 152 100
 150 153.2 124.6 187.0
 115 60.6 50.0 75.0



#2
 1,4-Dioxane
 Concen: 3.321 ng
 RT: 3.075 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BN034055.D
 Acq: 19 Sep 2024 18:15

Tgt Ion: 88 Resp: 23527
 Ion Ratio Lower Upper
 88 100
 43 37.8 25.8 38.8
 58 79.3 58.8 88.2

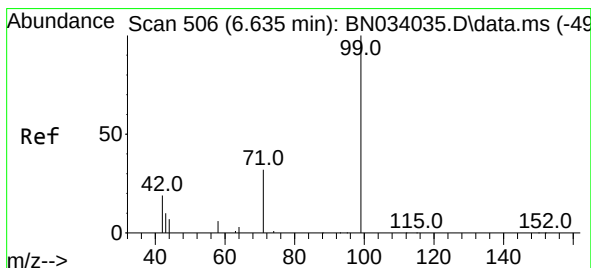
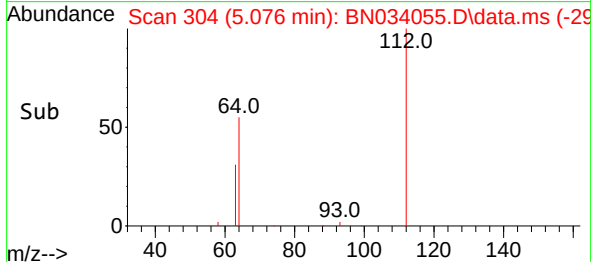
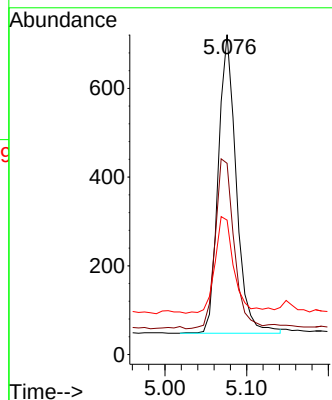
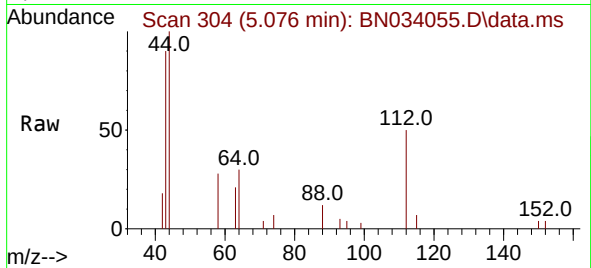




#4
2-Fluorophenol
Concen: 0.064 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

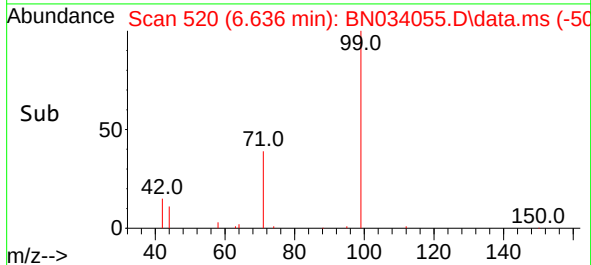
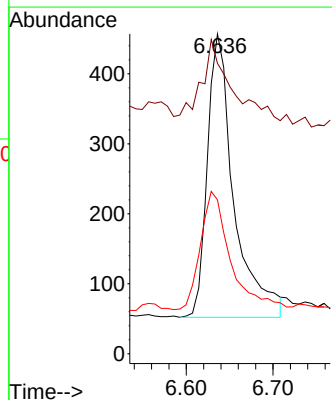
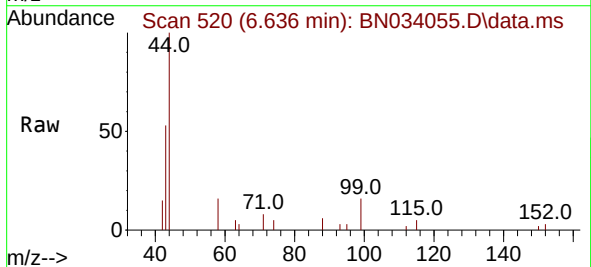
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240911

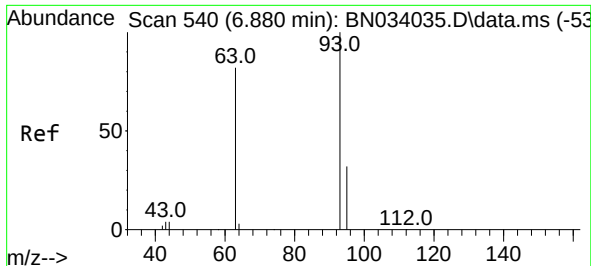
Tgt Ion: 112 Resp: 1026
Ion Ratio Lower Upper
112 100
64 60.0 48.6 72.8
63 34.2 25.6 38.4



#5
Phenol-d6
Concen: 0.046 ng
RT: 6.636 min Scan# 520
Delta R.T. 0.001 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

Tgt Ion: 99 Resp: 864
Ion Ratio Lower Upper
99 100
42 31.6 17.8 26.8#
71 46.8 26.2 39.2#

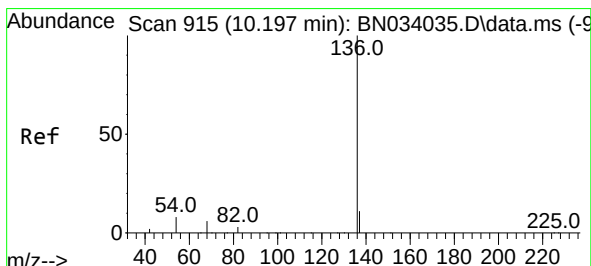
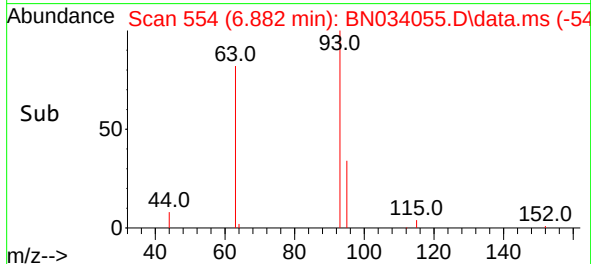
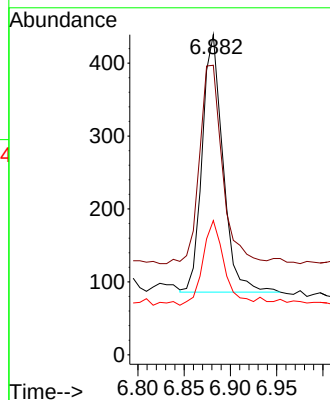
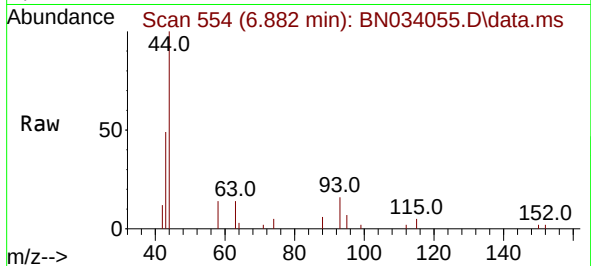




#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 6.882 min Scan# 511
Delta R.T. 0.001 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

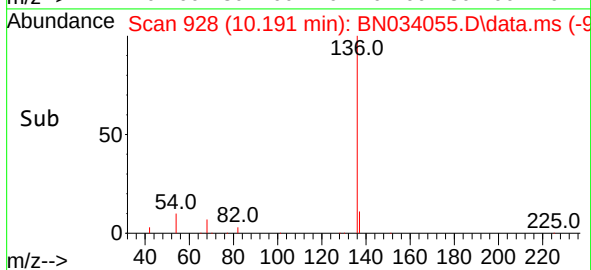
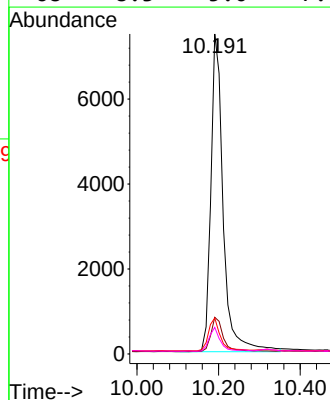
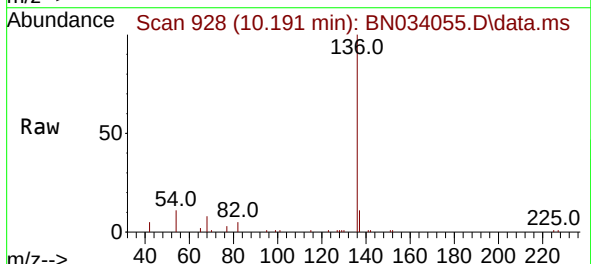
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240911

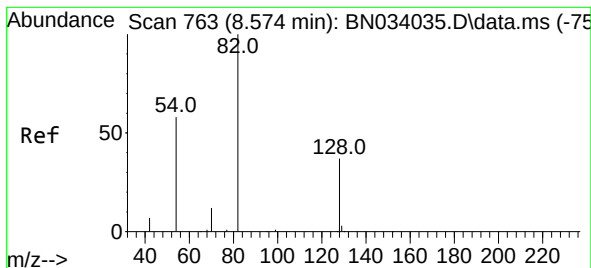
Tgt Ion:	93	Resp:	550
Ion	Ratio	Lower	Upper
93	100		
63	85.5	67.3	100.9
95	33.8	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.006 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

Tgt Ion:	136	Resp:	15607
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.2	6.8	10.2#
68	8.3	5.0	7.6#





#8

Nitrobenzene-d5

Concen: 0.258 ng

RT: 8.578 min Scan# 71

Delta R.T. 0.004 min

Lab File: BN034055.D

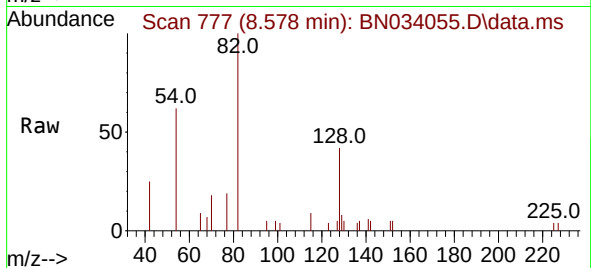
Acq: 19 Sep 2024 18:15

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240911



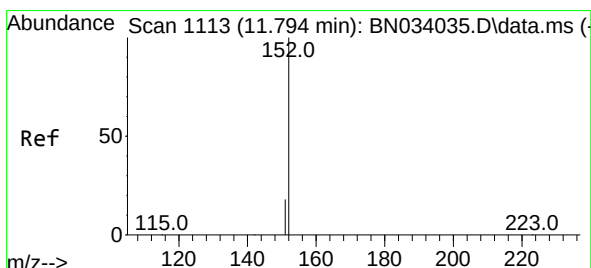
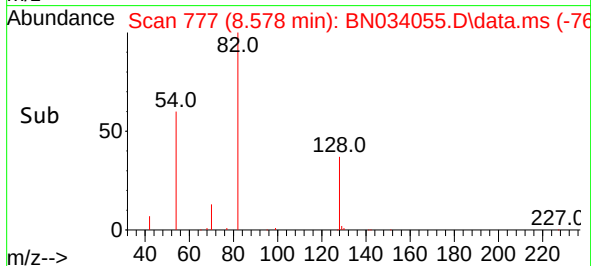
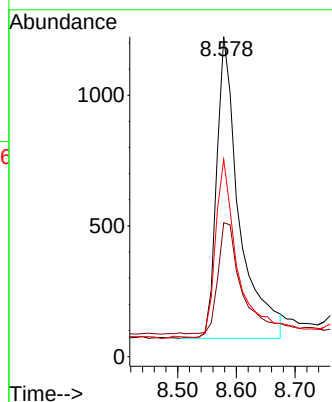
Tgt Ion: 82 Resp: 3076

Ion Ratio Lower Upper

82 100

128 41.8 31.4 47.2

54 61.6 47.4 71.0



#11

2-Methylnaphthalene-d10

Concen: 0.305 ng

RT: 11.795 min Scan# 1128

Delta R.T. 0.001 min

Lab File: BN034055.D

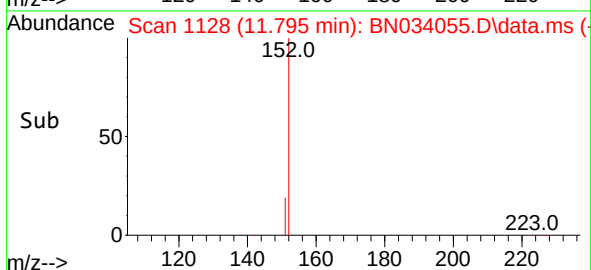
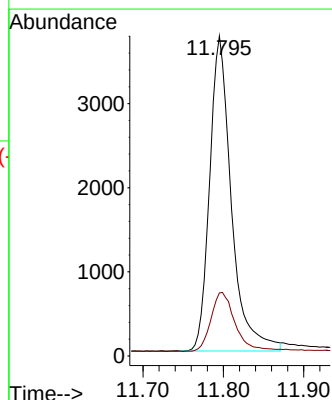
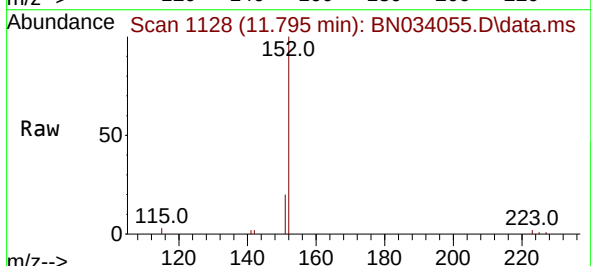
Acq: 19 Sep 2024 18:15

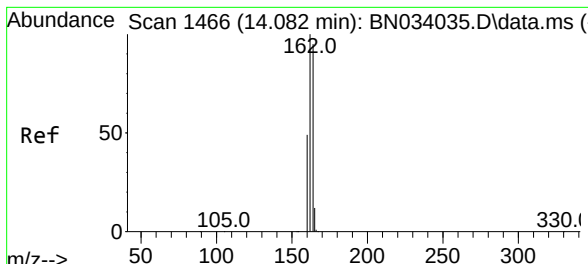
Tgt Ion: 152 Resp: 7038

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

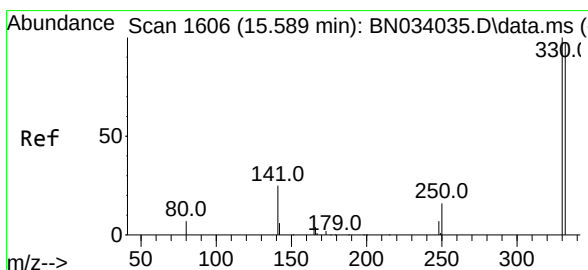
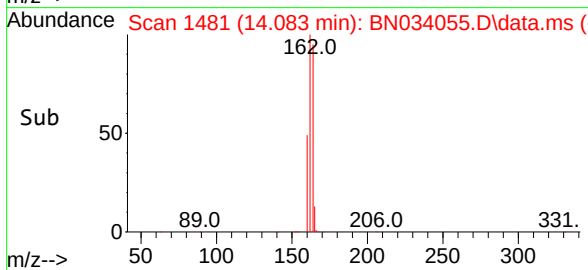
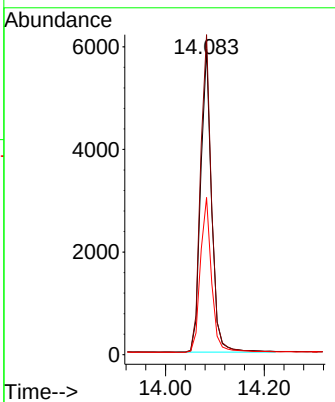
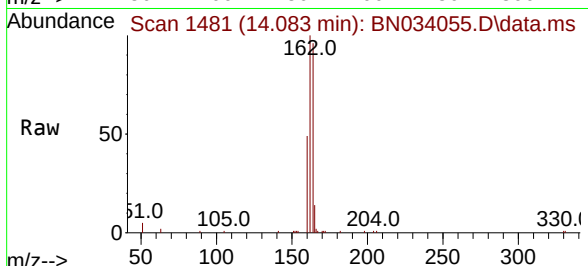




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.083 min Scan# 14
 Delta R.T. 0.001 min
 Lab File: BN034055.D
 Acq: 19 Sep 2024 18:15

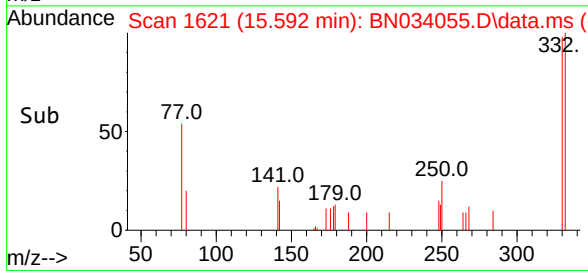
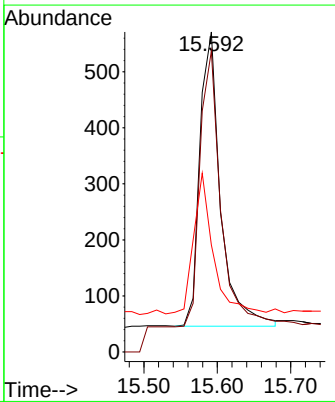
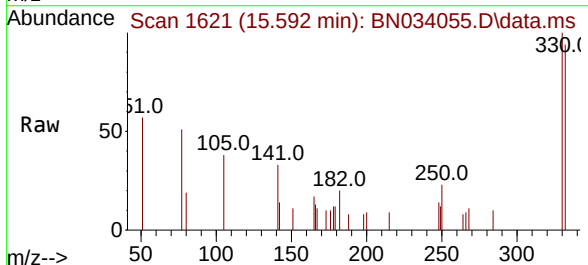
Instrument :
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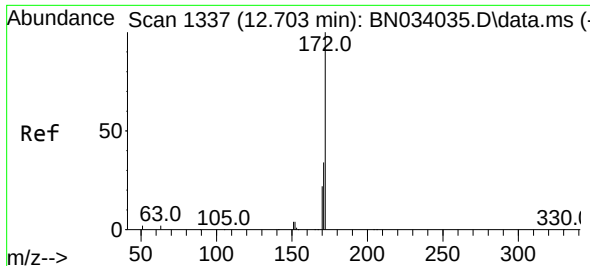
Tgt Ion:	164	Resp:	9040
Ion	Ratio	Lower	Upper
164	100		
162	104.7	84.2	126.2
160	51.4	41.7	62.5



#14
 2,4,6-Tribromophenol
 Concen: 0.252 ng
 RT: 15.592 min Scan# 1621
 Delta R.T. 0.003 min
 Lab File: BN034055.D
 Acq: 19 Sep 2024 18:15

Tgt Ion:	330	Resp:	1034
Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.0
141	44.7	35.9	53.9

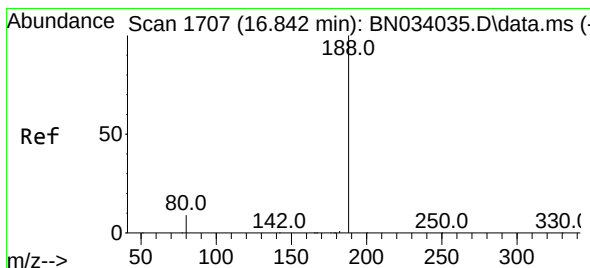
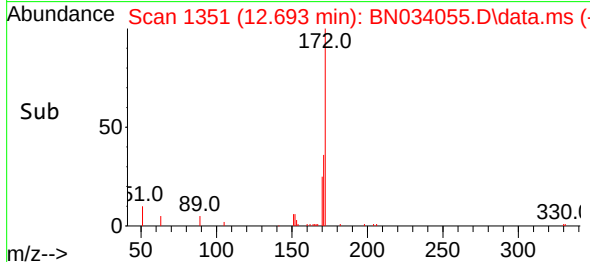
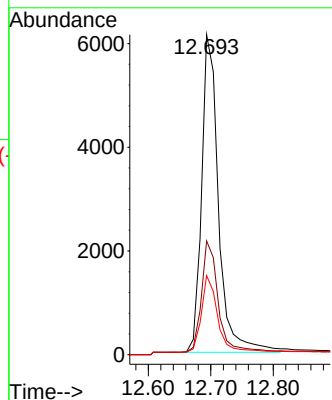
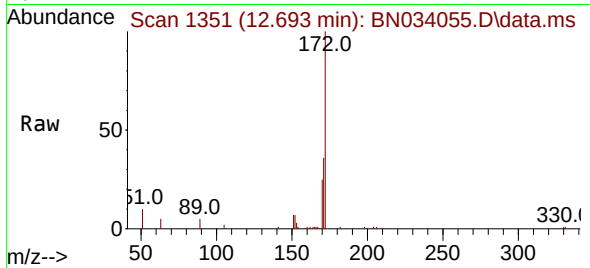




#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.693 min Scan# 11537
Delta R.T. -0.009 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

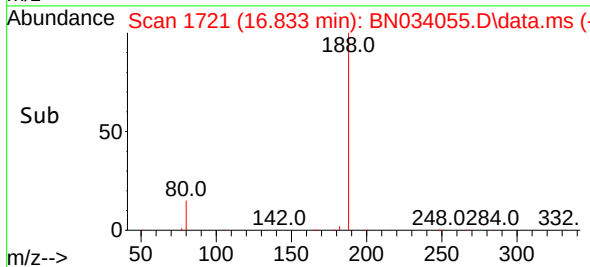
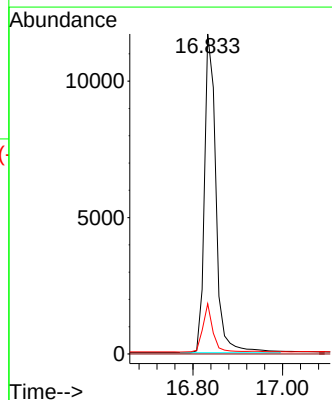
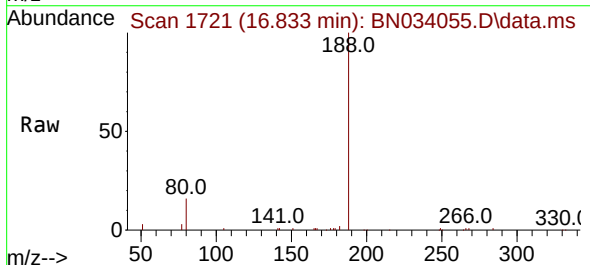
Instrument :
BNA_N
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RW7-SP100-20240911

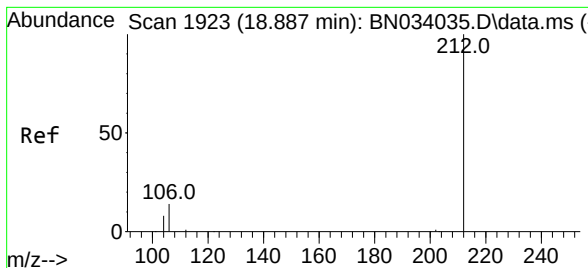
Tgt Ion:	172	Resp:	11537
Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.3	40.9
170	24.8	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

Tgt Ion:	188	Resp:	20719
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.7	7.4	11.0





#27

Fluoranthene-d10

Concen: 0.387 ng

RT: 18.885 min Scan# 1923

Delta R.T. -0.002 min

Lab File: BN034055.D

Acq: 19 Sep 2024 18:15

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240911

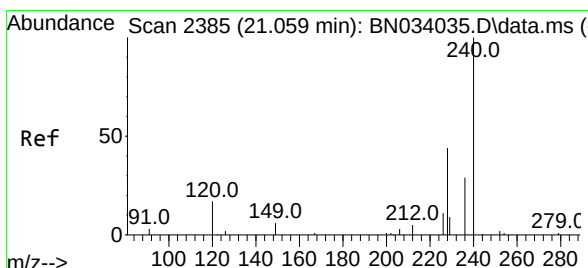
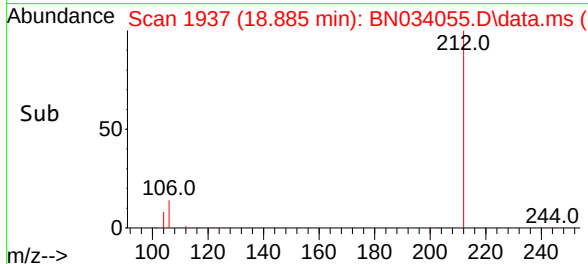
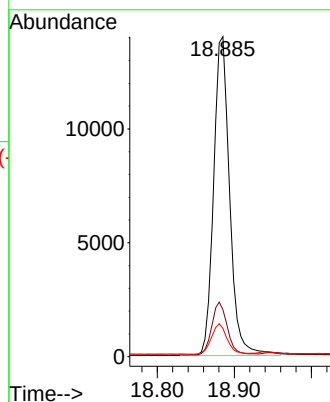
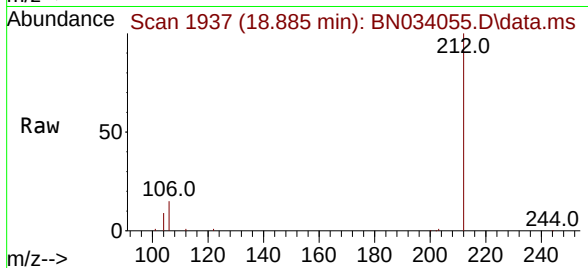
Tgt Ion:212 Resp: 20239

Ion Ratio Lower Upper

212 100

106 16.2 13.4 20.2

104 9.2 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.062 min Scan# 2400

Delta R.T. 0.003 min

Lab File: BN034055.D

Acq: 19 Sep 2024 18:15

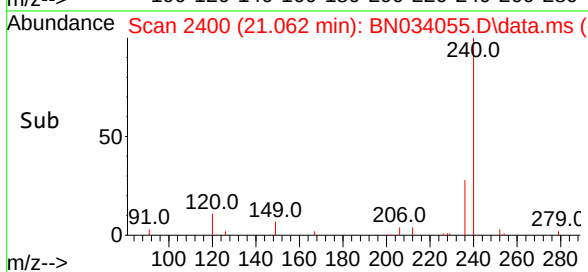
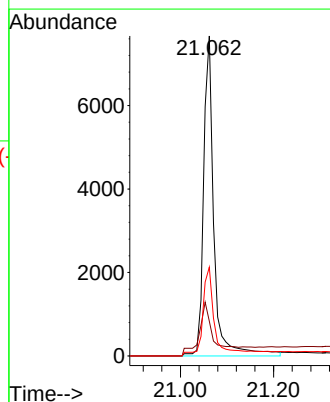
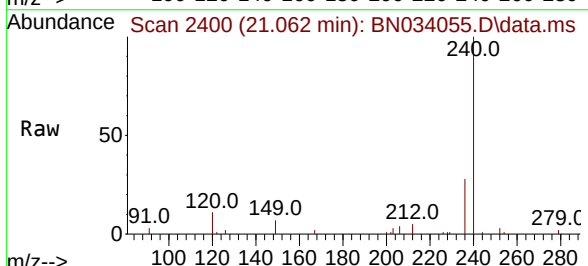
Tgt Ion:240 Resp: 11369

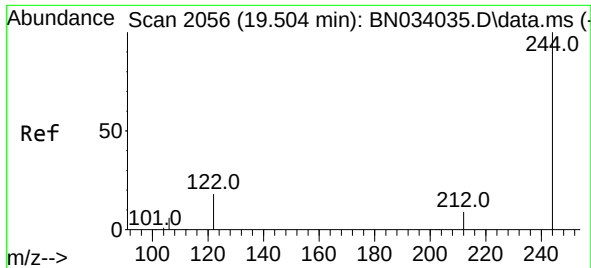
Ion Ratio Lower Upper

240 100

120 10.9 13.5 20.3

236 27.8 23.4 35.0

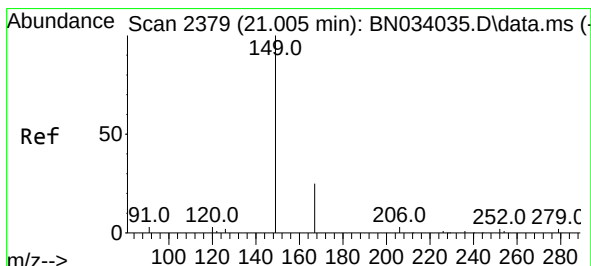
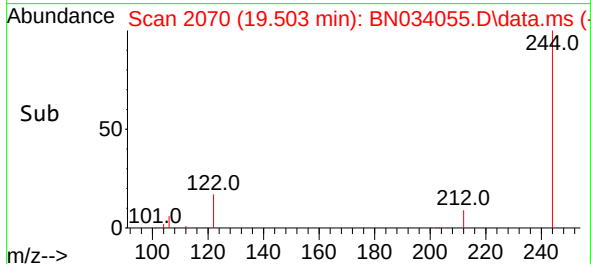
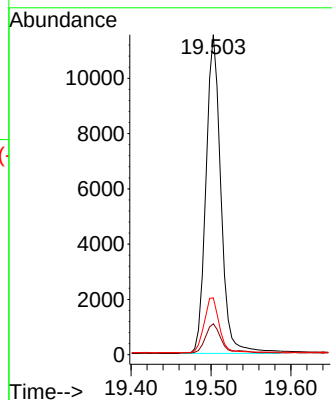
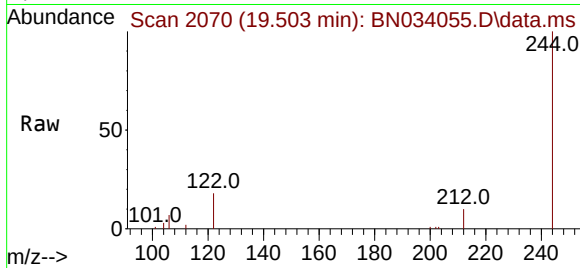




#31
Terphenyl-d14
Concen: 0.661 ng
RT: 19.503 min Scan# 2056
Delta R.T. -0.002 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

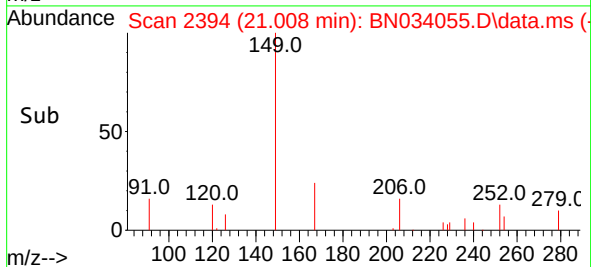
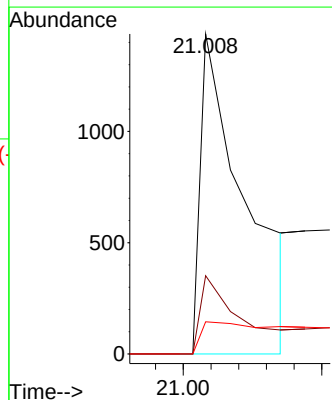
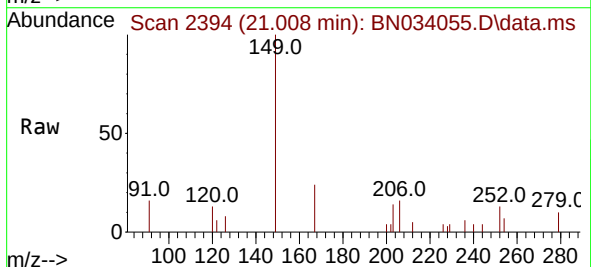
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240911

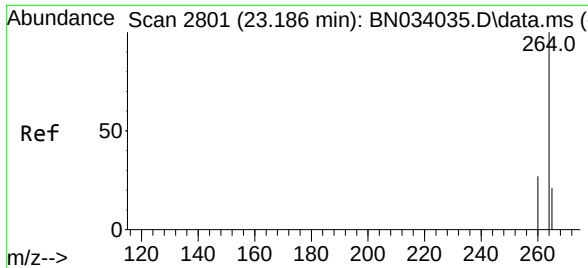
Tgt Ion:244 Resp: 15010
Ion Ratio Lower Upper
244 100
212 9.6 7.8 11.6
122 17.7 14.8 22.2



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

Tgt Ion:149 Resp: 1474
Ion Ratio Lower Upper
149 100
167 22.7 19.9 29.9
279 19.7 4.6 6.8#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.186 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN034055.D

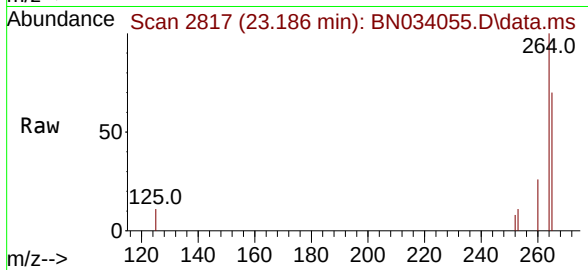
Acq: 19 Sep 2024 18:15

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240911



Tgt Ion:264 Resp: 10239

Ion Ratio Lower Upper

264 100

260 26.0 21.7 32.5

265 69.8 52.1 78.1

