

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
 Data File : BN033816.D
 Acq On : 09 Sep 2024 13:37
 Operator : MA/JU
 Sample : P3874-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D1-HYD-20240904

Quant Time: Sep 10 03:15:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

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

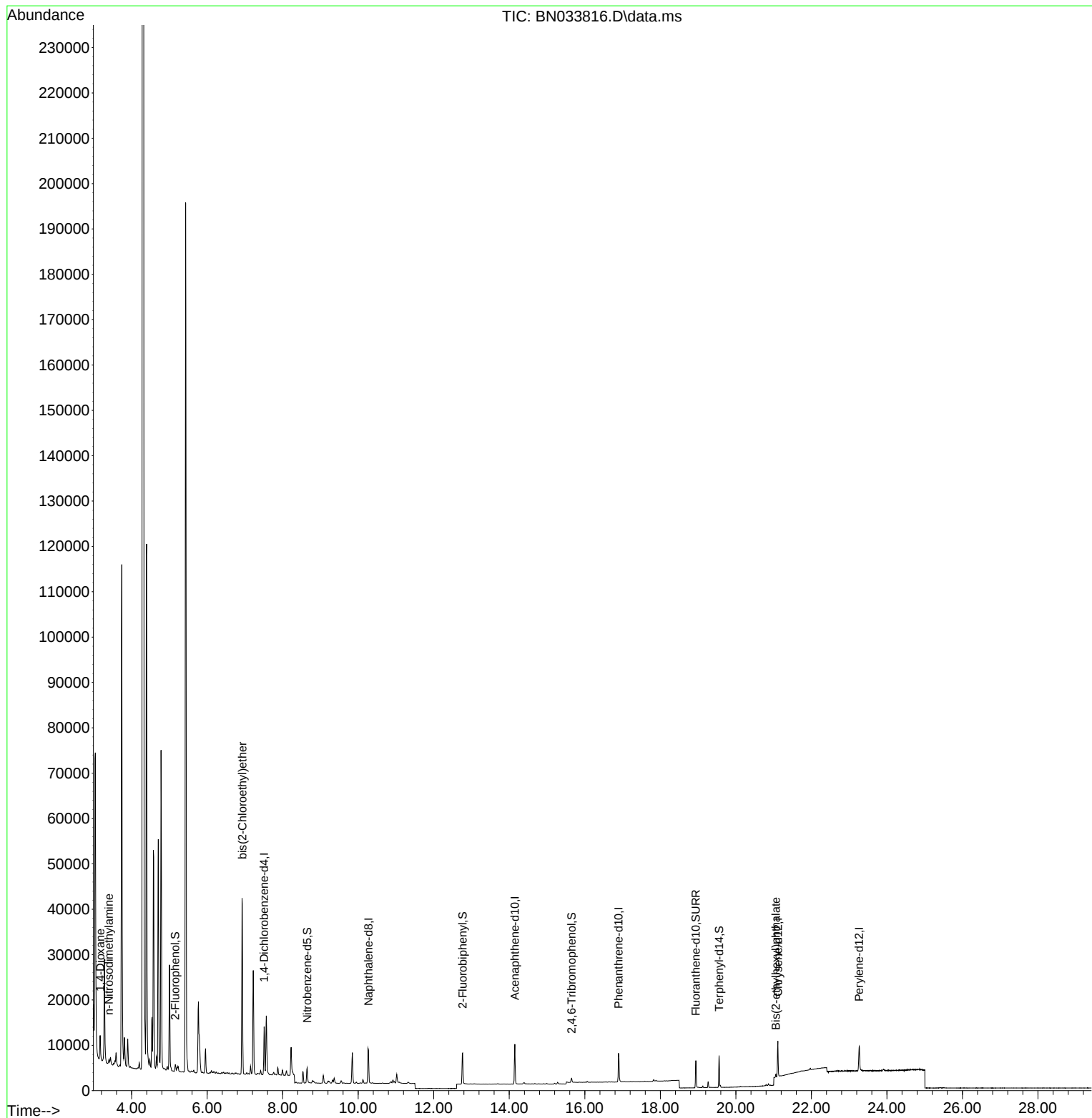
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4233	0.400	ng	0.00
7) Naphthalene-d8	10.272	136	10763	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	4856	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	9510	0.400	ng	#-0.01
29) Chrysene-d12	21.113	240	7137	0.400	ng	# 0.00
35) Perylene-d12	23.265	264	7211	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	657	0.051	ng	0.00
5) Phenol-d6	6.657	99	20	0.001	ng	-0.05
8) Nitrobenzene-d5	8.649	82	2880	0.314	ng	0.00
11) 2-Methylnaphthalene-d10	11.866	152	78	0.005	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	599	0.244	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	6589	0.325	ng	0.00
27) Fluoranthene-d10	18.938	212	6880	0.293	ng	0.00
31) Terphenyl-d14	19.556	244	6493	0.427	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.168	88	3536	0.734	ng	# 87
3) n-Nitrosodimethylamine	3.399	42	858	0.152	ng	# 2
6) bis(2-Chloroethyl)ether	6.931	93	23121	1.997	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.059	149	685	0.049	ng	# 97

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

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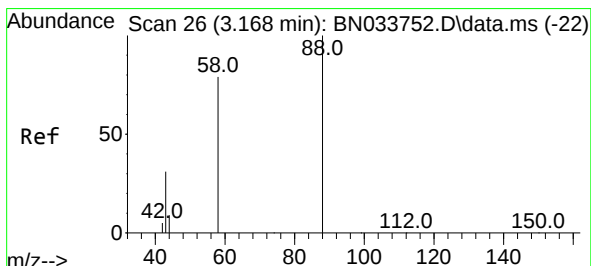
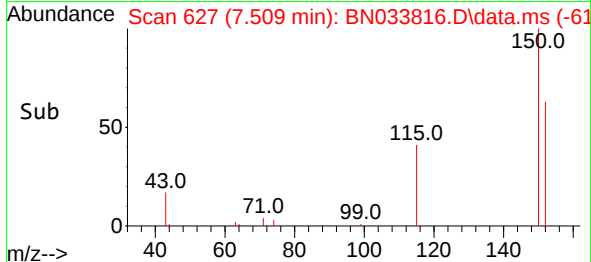
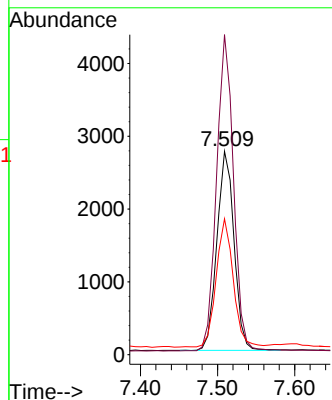
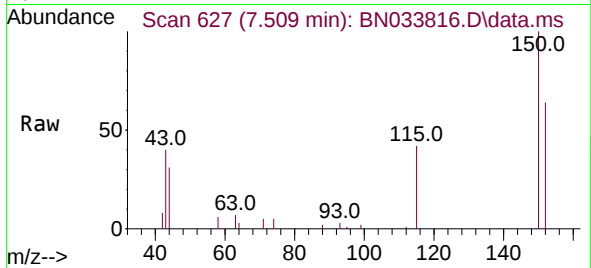




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.509 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033816.D
 Acq: 09 Sep 2024 13:37

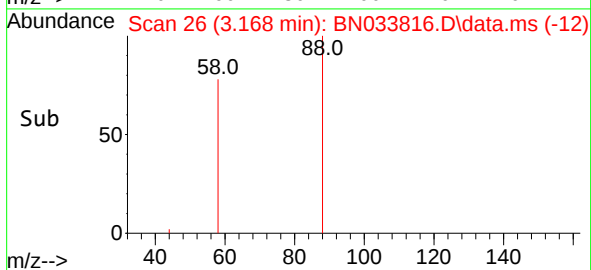
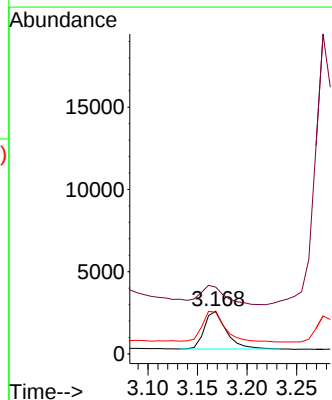
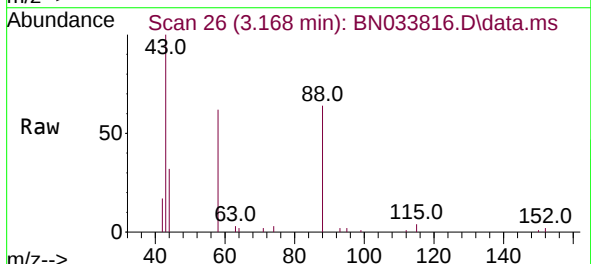
Instrument :
 BNA_N
 ClientSampleId :
 TT189D1-HYD-20240904

Tgt Ion:152 Resp: 4233
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.3 184.9
 115 66.8 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.734 ng
 RT: 3.168 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN033816.D
 Acq: 09 Sep 2024 13:37

Tgt Ion: 88 Resp: 3536
 Ion Ratio Lower Upper
 88 100
 43 55.8 29.0 43.4#
 58 83.8 64.1 96.1

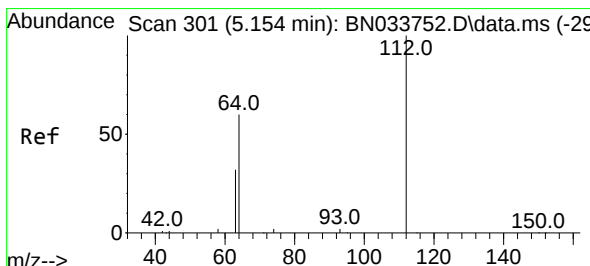
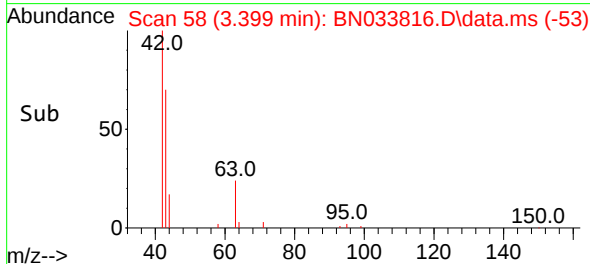
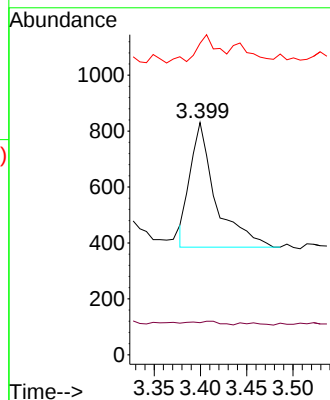
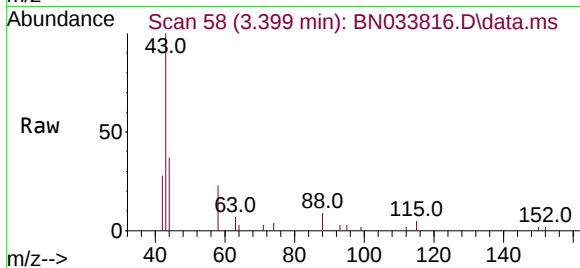




#3
n-Nitrosodimethylamine
Concen: 0.152 ng
RT: 3.399 min Scan# 51
Delta R.T. -0.065 min
Lab File: BN033816.D
Acq: 09 Sep 2024 13:37

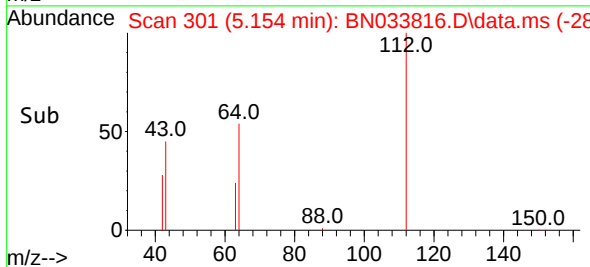
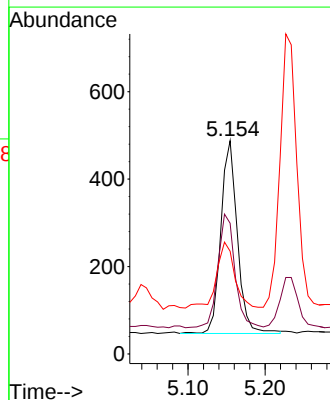
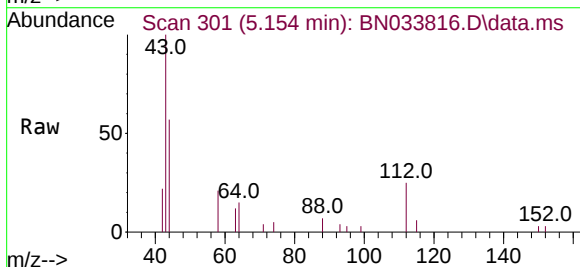
Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904

Tgt Ion: 42 Resp: 858
Ion Ratio Lower Upper
42 100
74 3.0 93.5 140.3#
44 15.3 7.4 11.0#



#4
2-Fluorophenol
Concen: 0.051 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033816.D
Acq: 09 Sep 2024 13:37

Tgt Ion: 112 Resp: 657
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 37.3 25.9 38.9





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.657 min Scan# 509

Delta R.T. -0.051 min

Lab File: BN033816.D

Acq: 09 Sep 2024 13:37

Instrument :

BNA_N

ClientSampleId :

TT189D1-HYD-20240904

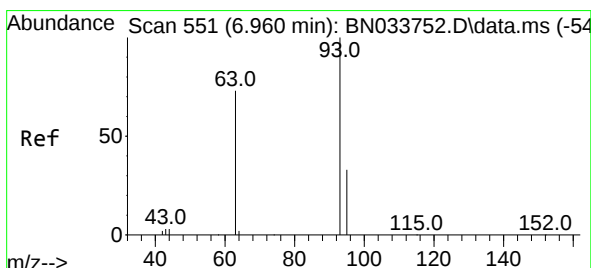
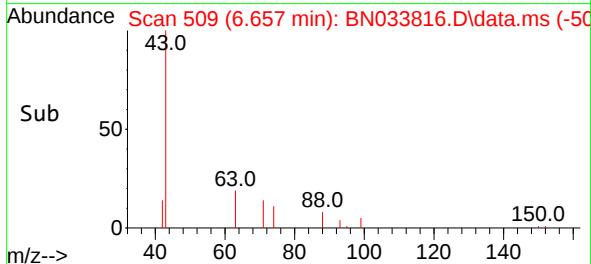
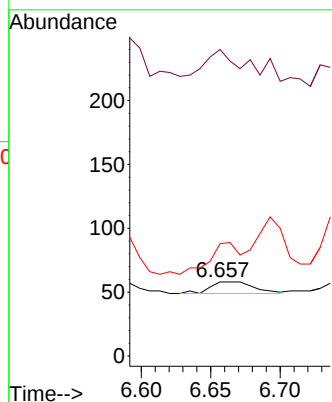
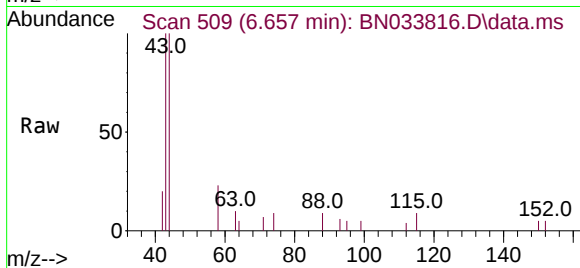
Tgt Ion: 99 Resp: 20

Ion Ratio Lower Upper

99 100

42 130.0 18.0 27.0#

71 195.0 28.7 43.1#



#6

bis(2-Chloroethyl)ether

Concen: 1.997 ng

RT: 6.931 min Scan# 547

Delta R.T. -0.029 min

Lab File: BN033816.D

Acq: 09 Sep 2024 13:37

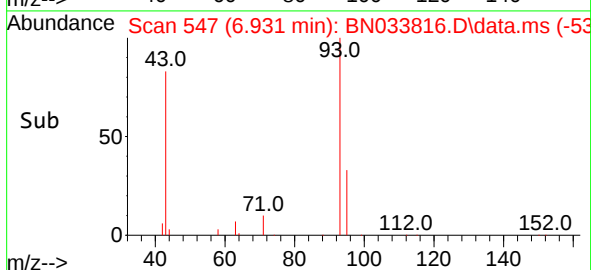
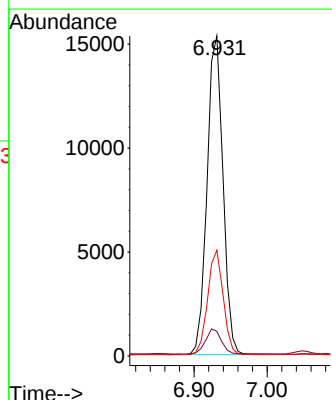
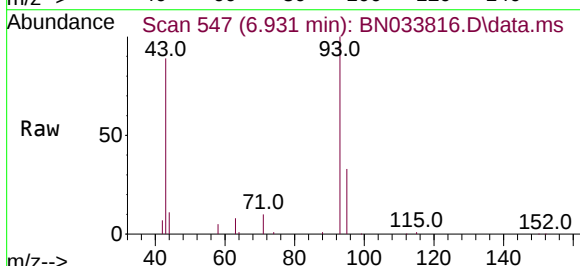
Tgt Ion: 93 Resp: 23121

Ion Ratio Lower Upper

93 100

63 7.8 64.4 96.6#

95 32.2 26.5 39.7

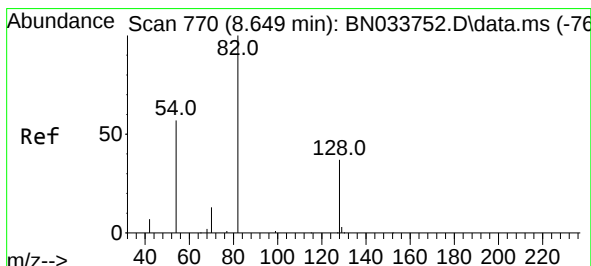
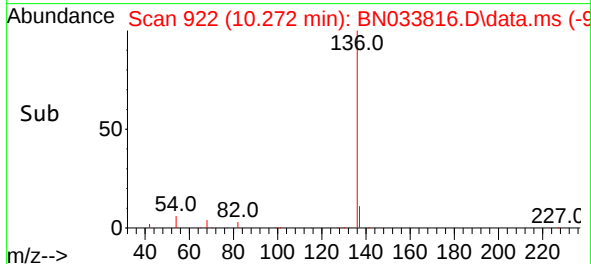
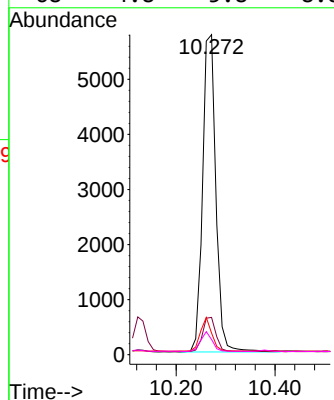
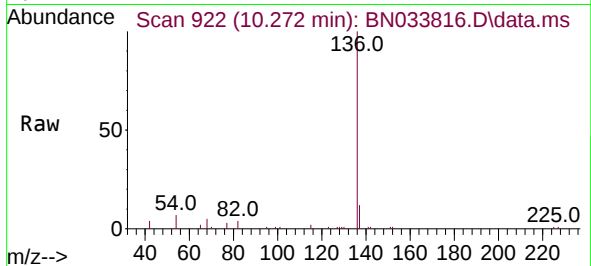




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.272 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033816.D
Acq: 09 Sep 2024 13:37

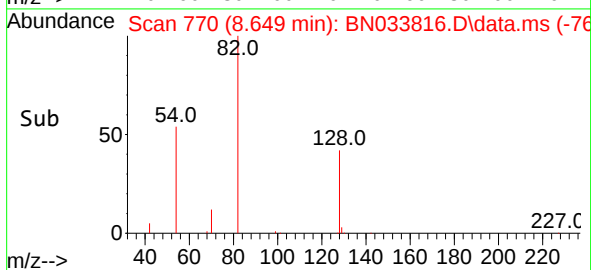
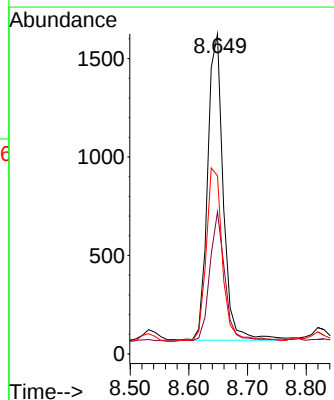
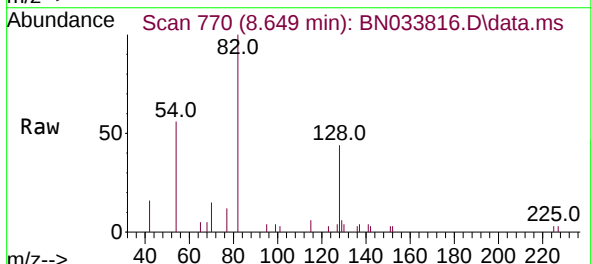
Instrument :
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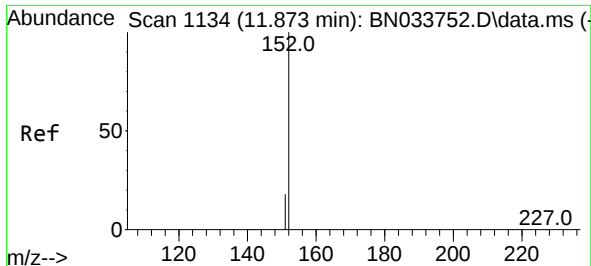
Tgt Ion:	136	Resp:	10763
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.4
54	6.8	8.1	12.1#
68	4.8	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.649 min Scan# 770
Delta R.T. -0.000 min
Lab File: BN033816.D
Acq: 09 Sep 2024 13:37

Tgt Ion:	82	Resp:	2880
Ion Ratio	Lower	Upper	
82	100		
128	44.4	31.3	46.9
54	55.6	46.9	70.3

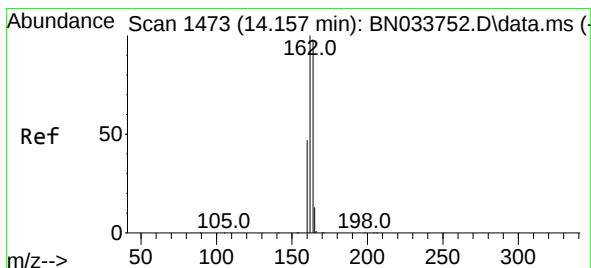
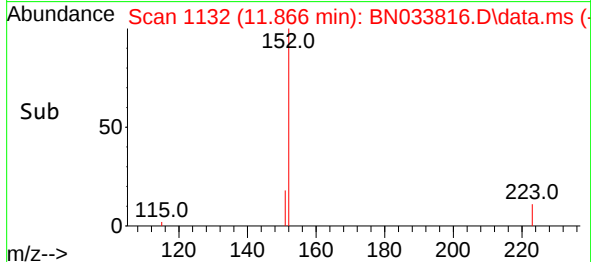
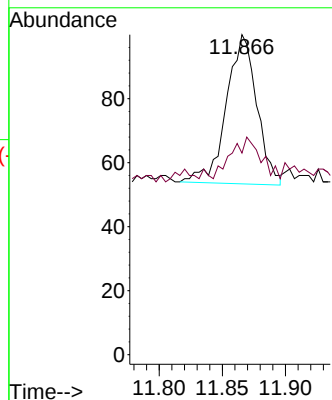
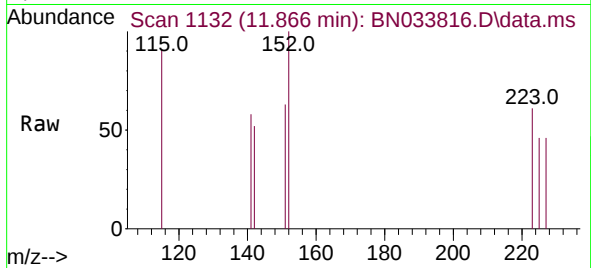




#11
2-Methylnaphthalene-d10
Concen: 0.005 ng
RT: 11.866 min Scan# 1134
Delta R.T. -0.008 min
Lab File: BN033816.D
Acq: 09 Sep 2024 13:37

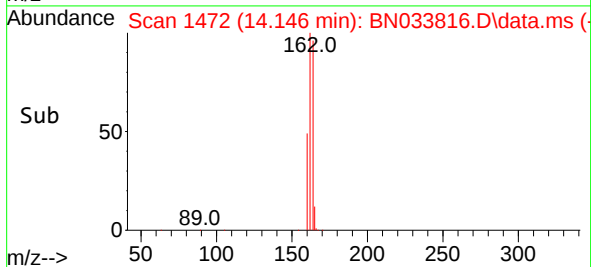
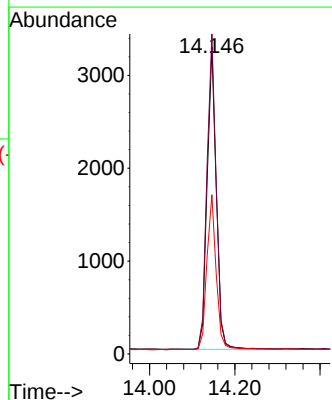
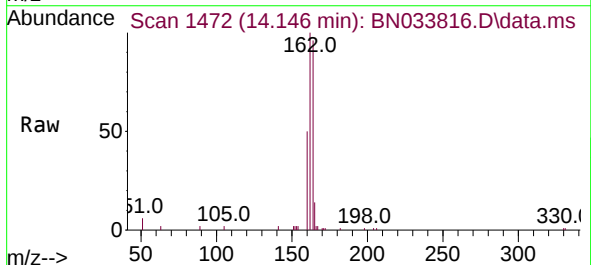
Instrument :
BNA_N
ClientSampleId :
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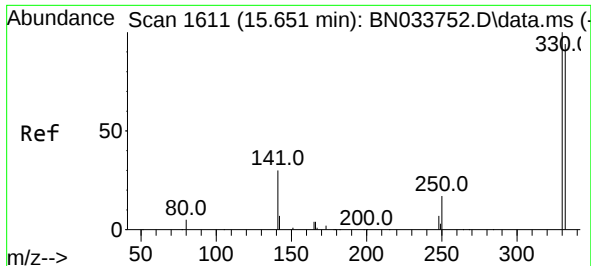
Tgt Ion:152 Resp: 78
Ion Ratio Lower Upper
152 100
151 30.8 16.7 25.1#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033816.D
Acq: 09 Sep 2024 13:37

Tgt Ion:164 Resp: 4856
Ion Ratio Lower Upper
164 100
162 104.3 82.0 123.0
160 51.9 39.1 58.7

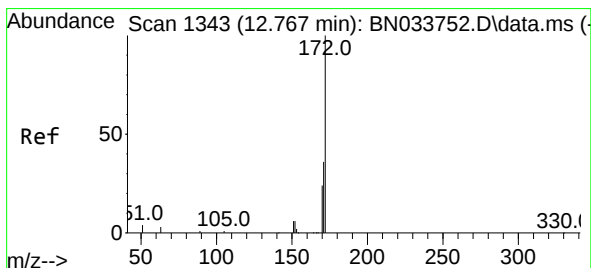
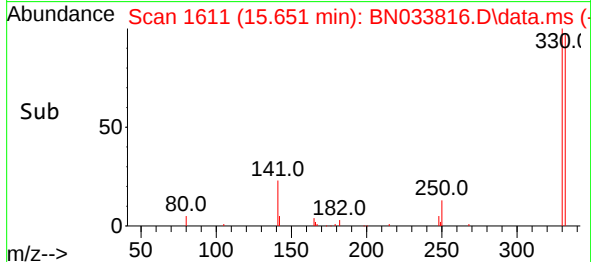
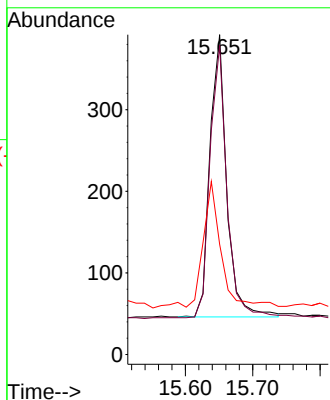
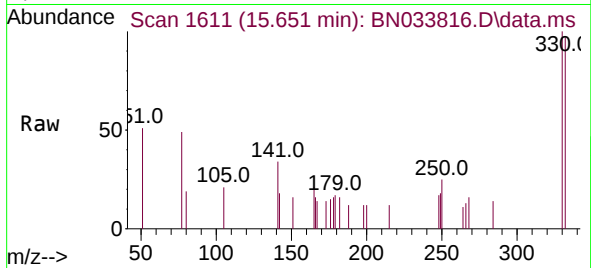




#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033816.D
Acq: 09 Sep 2024 13:37

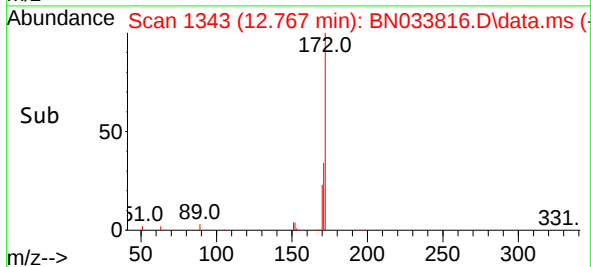
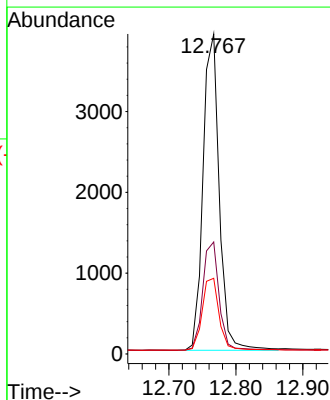
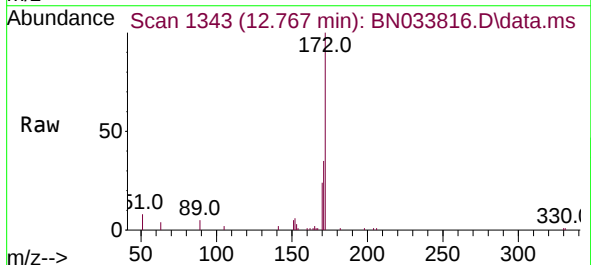
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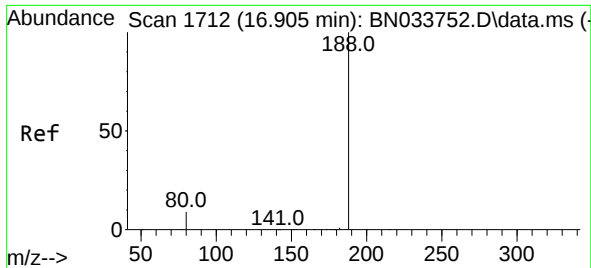
Tgt Ion:330 Resp: 599
Ion Ratio Lower Upper
330 100
332 97.2 74.2 111.4
141 45.7 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.767 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN033816.D
Acq: 09 Sep 2024 13:37

Tgt Ion:172 Resp: 6589
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.7 19.7 29.5

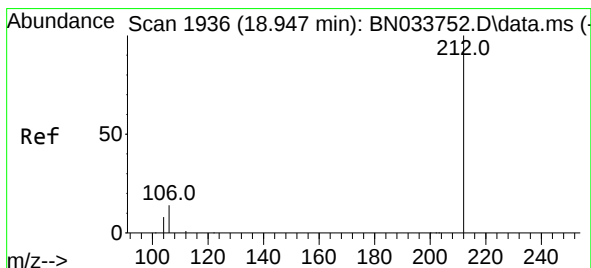
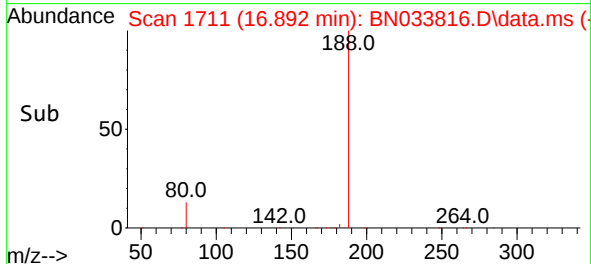
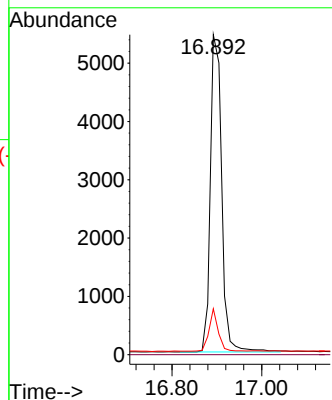
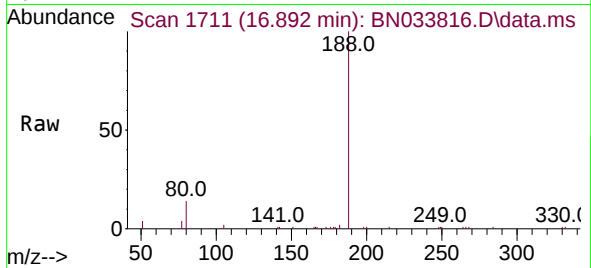




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.892 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BN033816.D
Acq: 09 Sep 2024 13:37

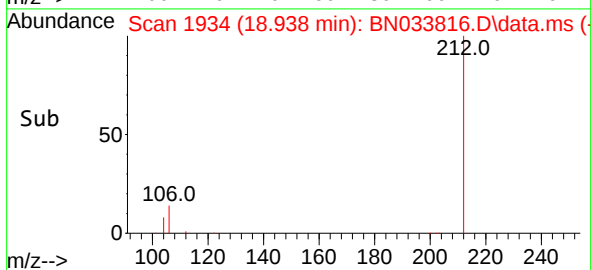
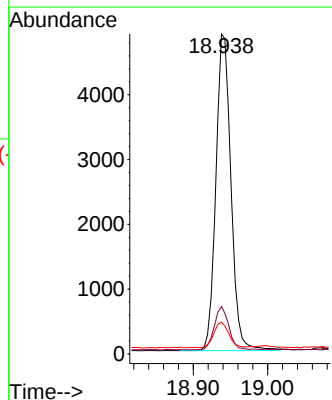
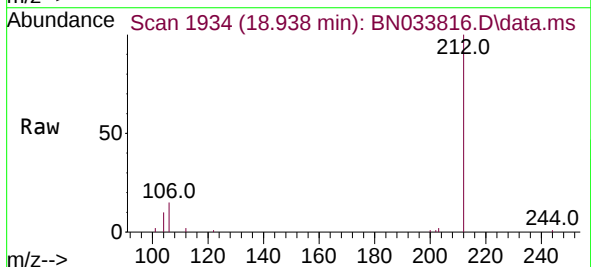
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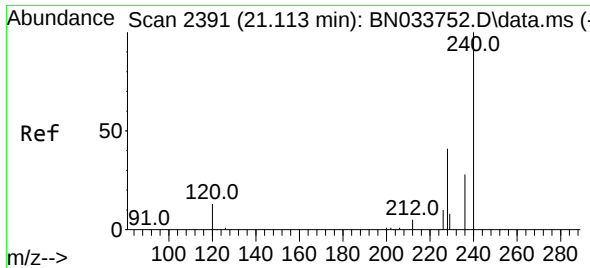
Tgt Ion:188 Resp: 9510
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 7.9 11.9#



#27
Fluoranthene-d10
Concen: 0.293 ng
RT: 18.938 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BN033816.D
Acq: 09 Sep 2024 13:37

Tgt Ion:212 Resp: 6880
Ion Ratio Lower Upper
212 100
106 13.3 11.5 17.3
104 8.0 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.113 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033816.D

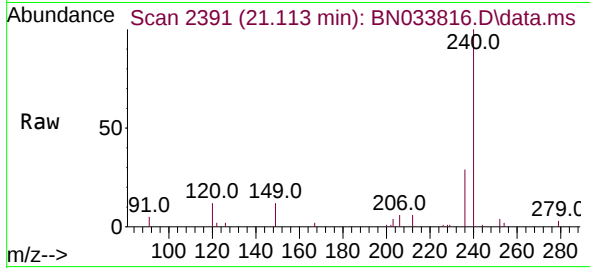
Acq: 09 Sep 2024 13:37

Instrument :

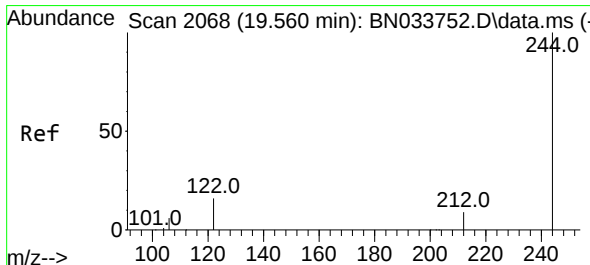
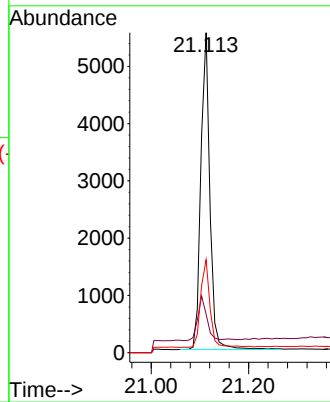
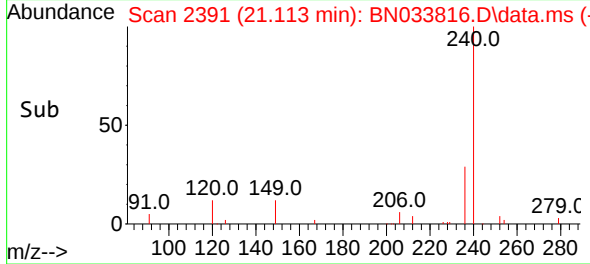
BNA_N

ClientSampleId :

TT189D1-HYD-20240904



Tgt Ion:	240	Resp:	7137
Ion	Ratio	Lower	Upper
240	100		
120	12.0	13.7	20.5#
236	29.1	23.4	35.2



#31

Terphenyl-d14

Concen: 0.427 ng

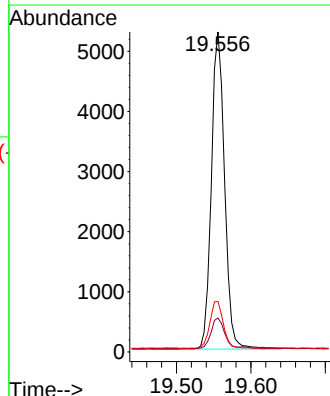
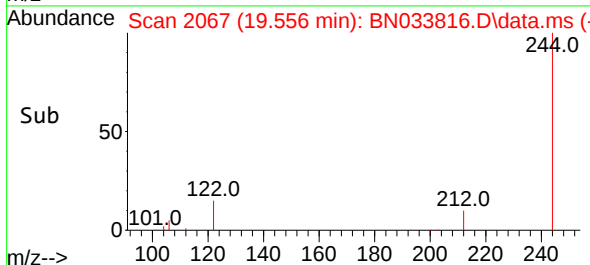
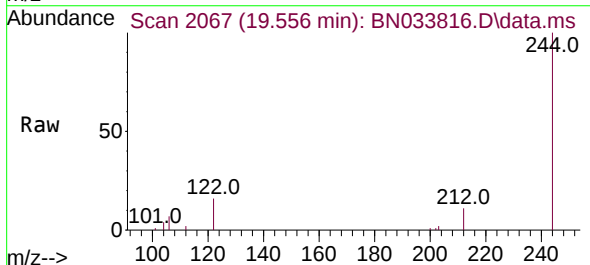
RT: 19.556 min Scan# 2067

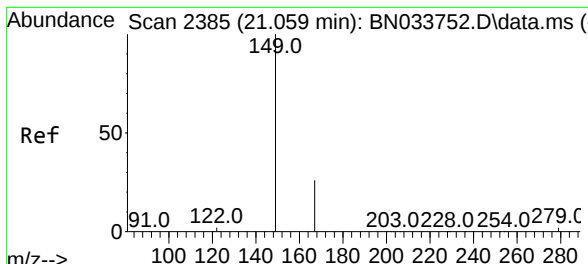
Delta R.T. -0.005 min

Lab File: BN033816.D

Acq: 09 Sep 2024 13:37

Tgt Ion:	244	Resp:	6493
Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.9	11.9
122	15.8	13.2	19.8

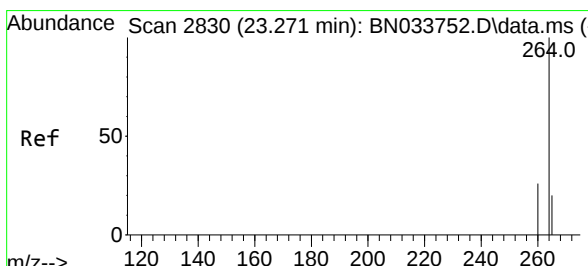
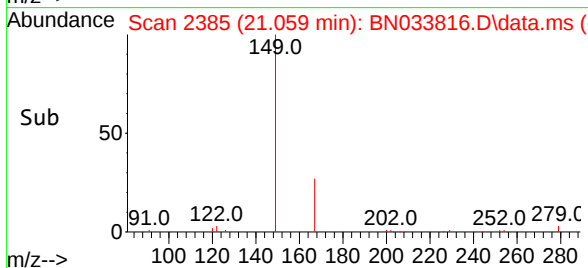
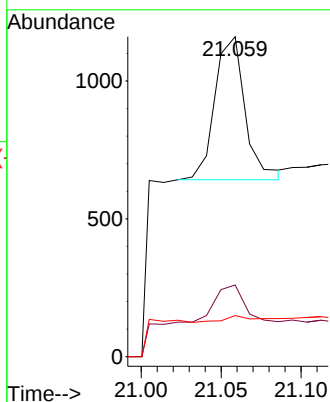
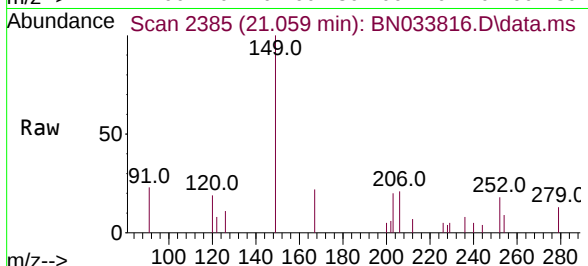




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.059 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN033816.D
 Acq: 09 Sep 2024 13:37

Instrument :
 BNA_N
 ClientSampleId :
 TT189D1-HYD-20240904

Tgt Ion:	149	Resp:	685
Ion Ratio	Lower	Upper	
149	100		
167	24.8	21.0	31.4
279	5.0	2.4	3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.265 min Scan# 2828
 Delta R.T. -0.006 min
 Lab File: BN033816.D
 Acq: 09 Sep 2024 13:37

Tgt Ion:	264	Resp:	7211
Ion Ratio	Lower	Upper	
264	100		
260	26.1	21.1	31.7
265	92.2	72.0	108.0

