

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029169.D
 Acq On : 22 Dec 2023 02:54
 Operator : MA/JU
 Sample : PB157976BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157976BL

Quant Time: Dec 22 04:03:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

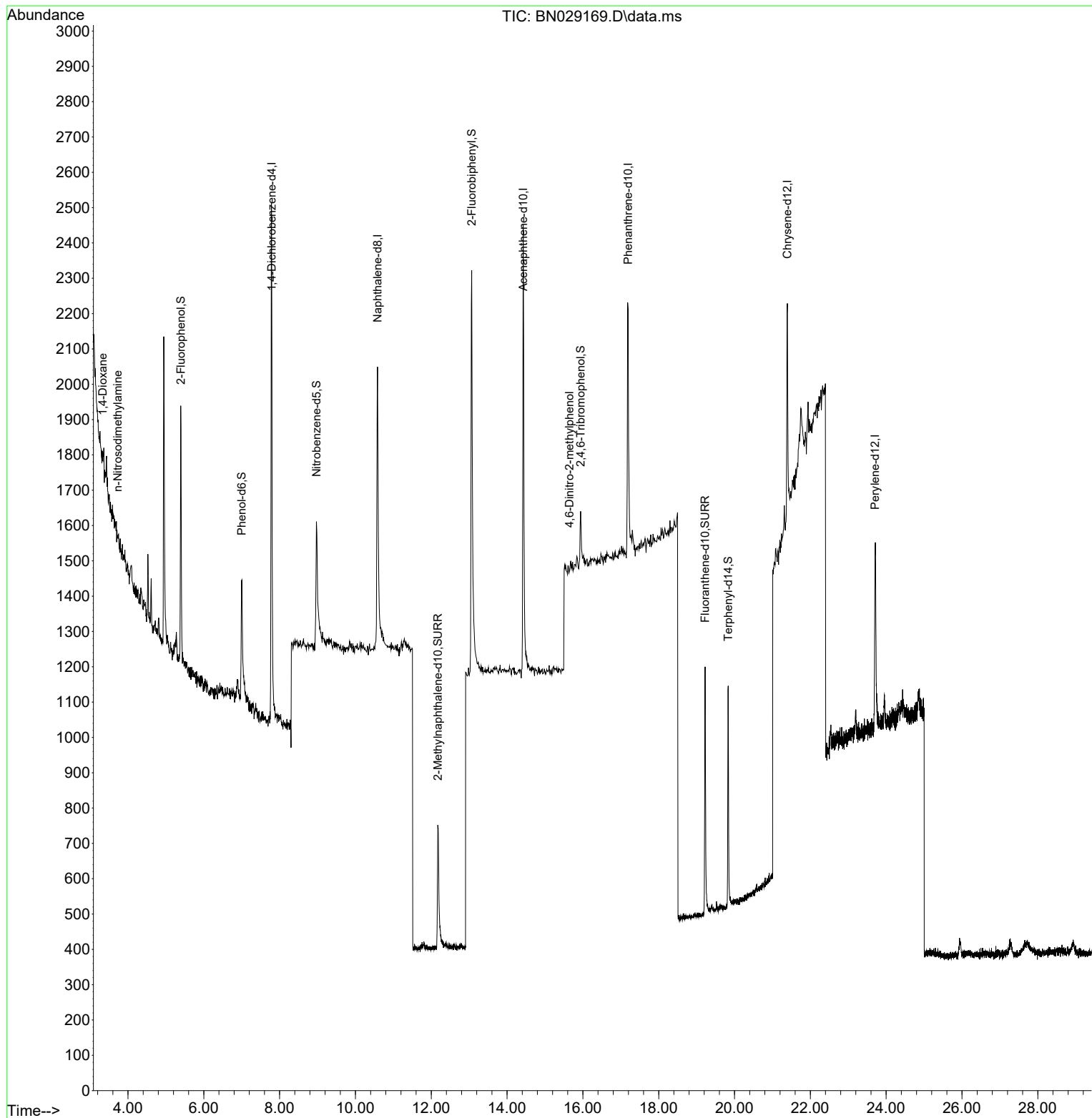
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	922	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	1686	0.400	ng	0.00
13) Acenaphthene-d10	14.426	164	912	0.400	ng	0.00
19) Phenanthrene-d10	17.193	188	1591	0.400	ng	# 0.01
29) Chrysene-d12	21.394	240	661	0.400	ng	0.00
35) Perylene-d12	23.710	264	821	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	624	0.283	ng	0.00
5) Phenol-d6	7.002	99	586	0.242	ng	0.00
8) Nitrobenzene-d5	8.971	82	650	0.296	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	806	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	134	0.168	ng	0.01
15) 2-Fluorobiphenyl	13.068	172	1583	0.297	ng	0.01
27) Fluoranthene-d10	19.225	212	1013	0.263	ng	0.00
31) Terphenyl-d14	19.833	244	653	0.360	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.333	88	19	0.022	ng	# 1
3) n-Nitrosodimethylamine	3.731	42	25	0.042	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.642	198	7	0.072	ng	# 43
34) Bis(2-ethylhexyl)phtha...	21.313	149	105	Below Cal		# 96

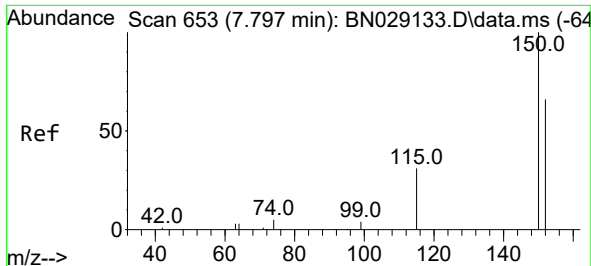
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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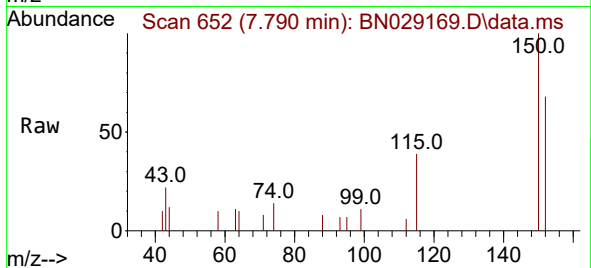
Quant Time: Dec 22 04:03:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
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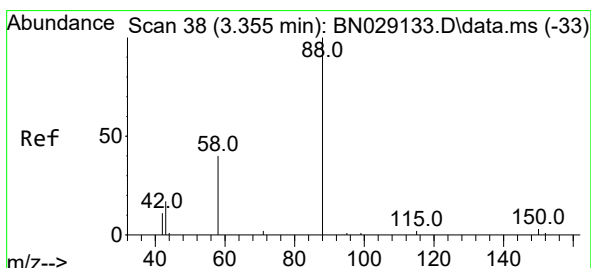
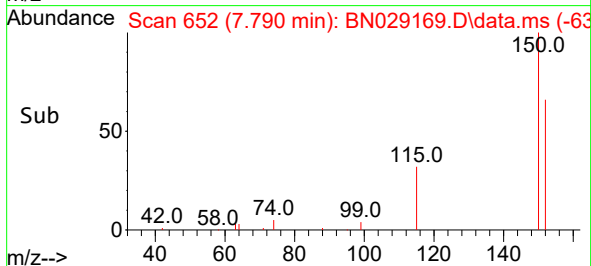
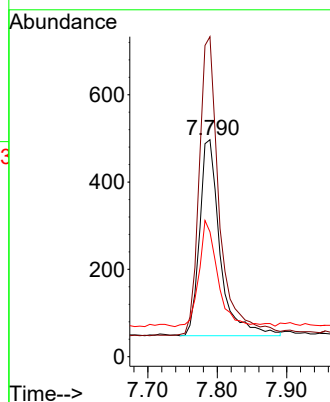
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.790 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029169.D
 Acq: 22 Dec 2023 02:54

Instrument :
 BNA_N
 ClientSampleId :
 PB157976BL



Tgt Ion:152 Resp: 922

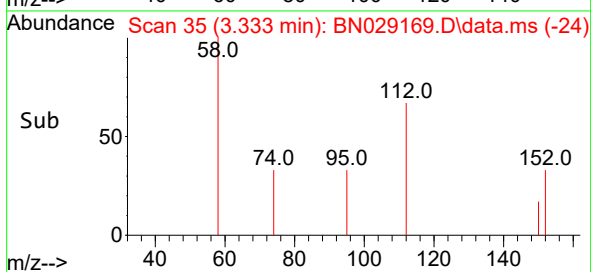
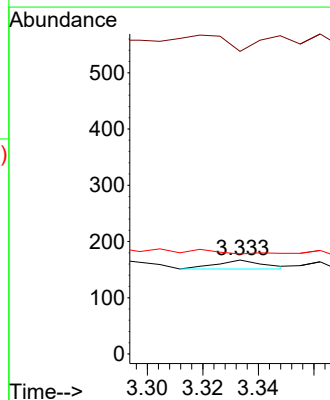
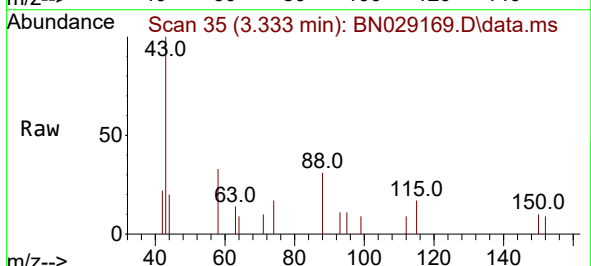
Ion	Ratio	Lower	Upper
152	100		
150	147.5	117.6	176.4
115	57.5	44.2	66.2

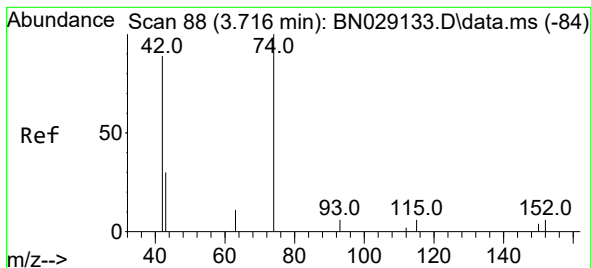


#2
 1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.022 min
 Lab File: BN029169.D
 Acq: 22 Dec 2023 02:54

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	178.9	20.1	30.1#
58	0.0	35.4	53.2#





#3

n-Nitrosodimethylamine

Concen: 0.042 ng

RT: 3.731 min Scan# 90

Delta R.T. 0.014 min

Lab File: BN029169.D

Acq: 22 Dec 2023 02:54

Instrument :

BNA_N

ClientSampleId :

PB157976BL

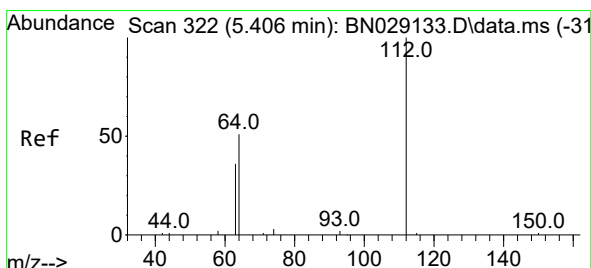
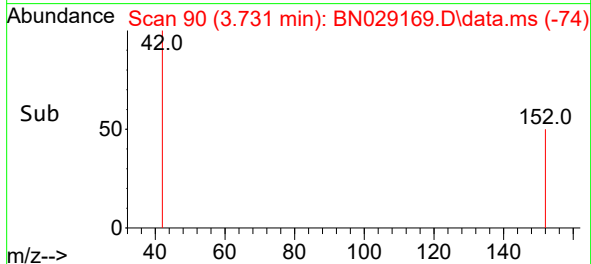
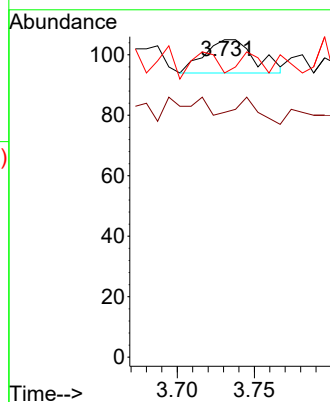
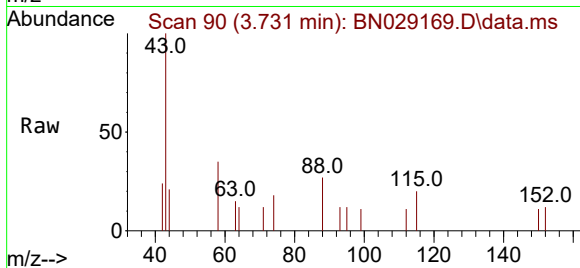
Tgt Ion: 42 Resp: 25

Ion Ratio Lower Upper

42 100

74 0.0 103.0 154.4#

44 44.0 3.2 4.8#



#4

2-Fluorophenol

Concen: 0.283 ng

RT: 5.399 min Scan# 321

Delta R.T. -0.007 min

Lab File: BN029169.D

Acq: 22 Dec 2023 02:54

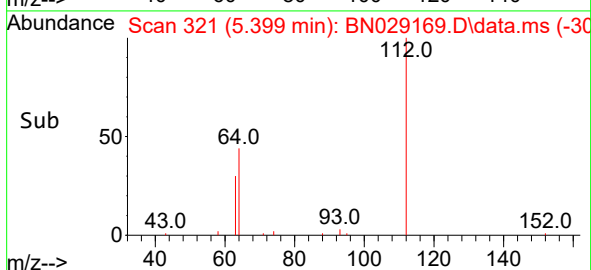
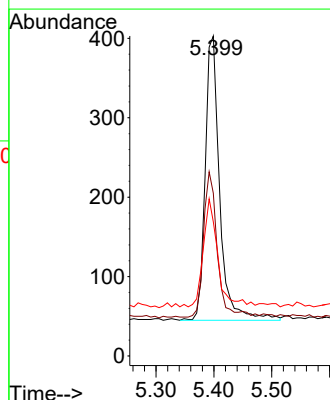
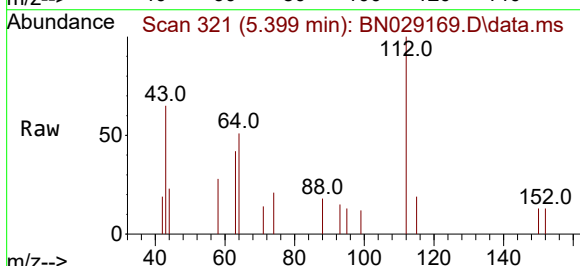
Tgt Ion: 112 Resp: 624

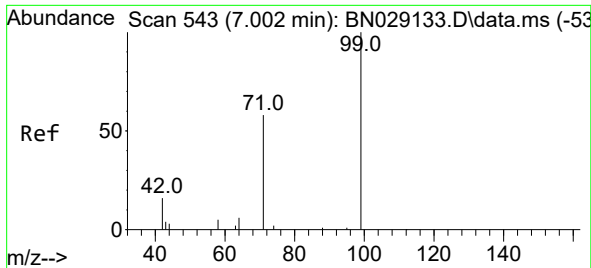
Ion Ratio Lower Upper

112 100

64 48.4 38.6 58.0

63 37.8 30.0 45.0

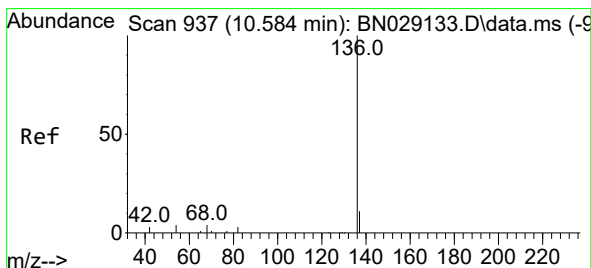
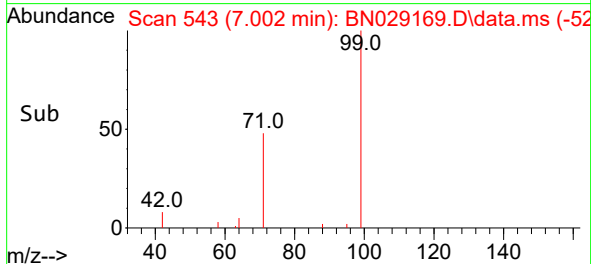
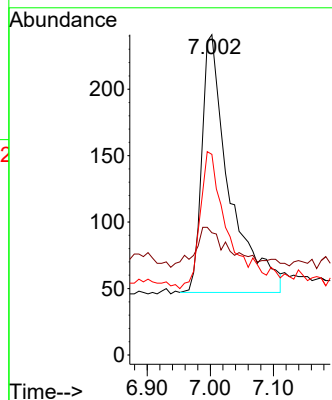
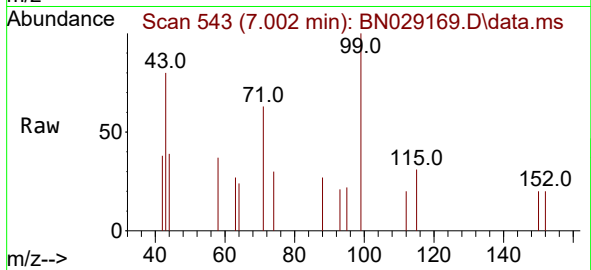




#5
Phenol-d6
Concen: 0.242 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN029169.D
Acq: 22 Dec 2023 02:54

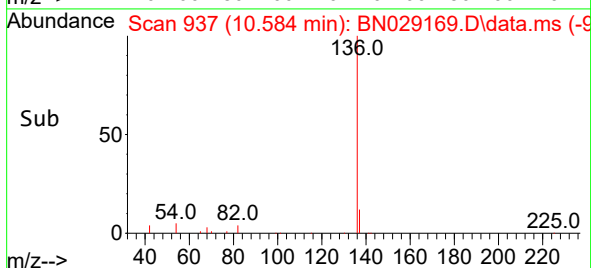
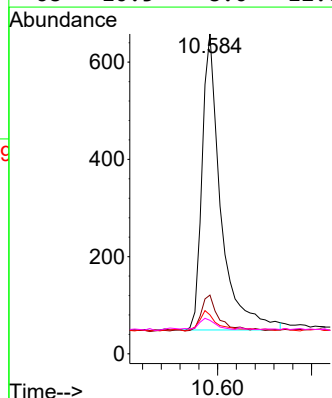
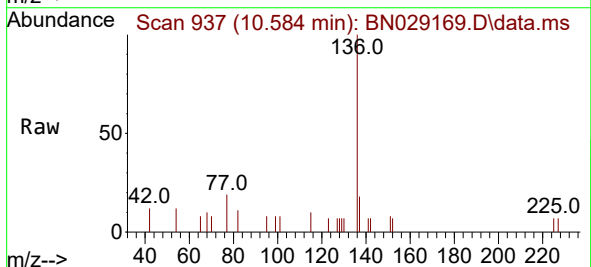
Instrument :
BNA_N
ClientSampleId :
PB157976BL

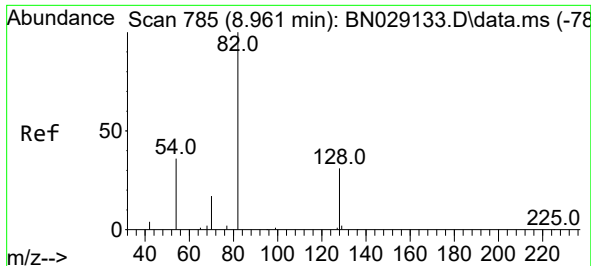
Tgt Ion:	99	Resp:	586
Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.8	20.6
71	53.2	45.4	68.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN029169.D
Acq: 22 Dec 2023 02:54

Tgt Ion:	136	Resp:	1686
Ion	Ratio	Lower	Upper
136	100		
137	18.4	13.4	20.0
54	12.2	8.6	13.0
68	10.5	8.0	12.0

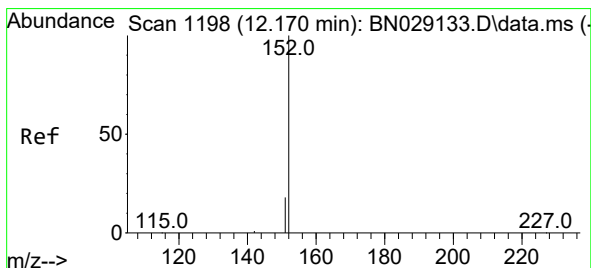
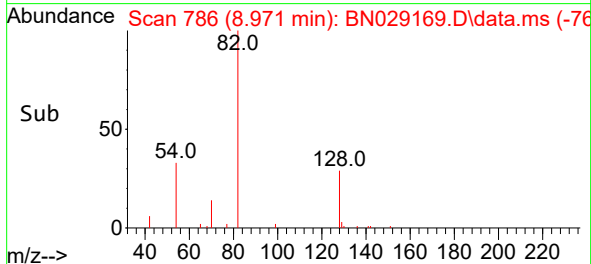
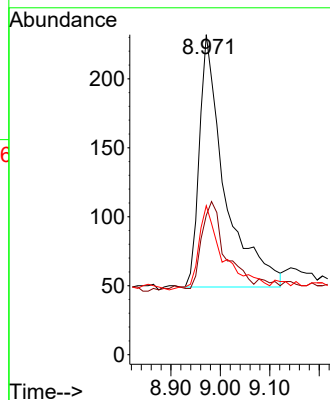
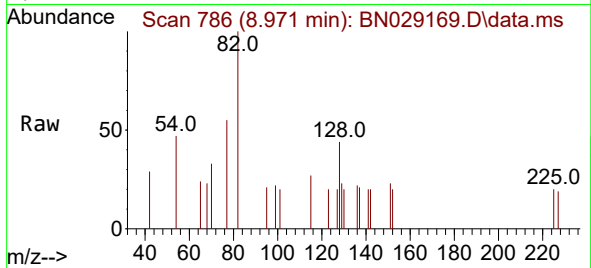




#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.971 min Scan# 785
Delta R.T. 0.011 min
Lab File: BN029169.D
Acq: 22 Dec 2023 02:54

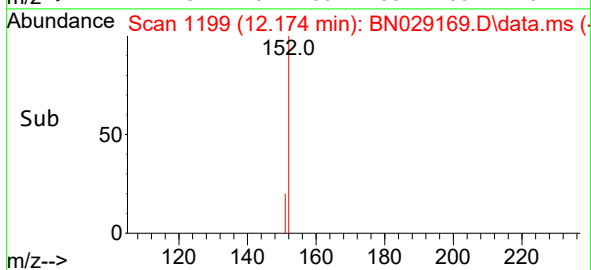
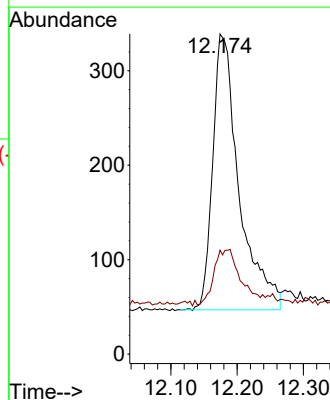
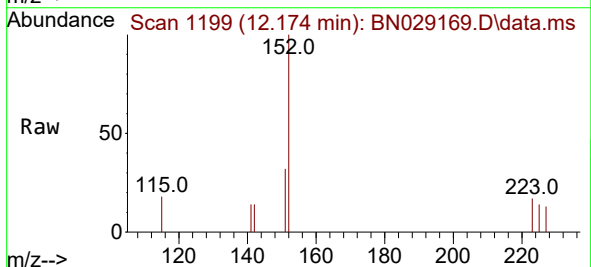
Instrument :
BNA_N
ClientSampleId :
PB157976BL

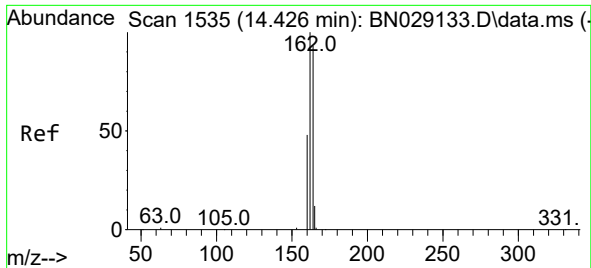
Tgt Ion: 82 Resp: 650
Ion Ratio Lower Upper
82 100
128 43.5 33.0 49.4
54 46.6 35.8 53.8



#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.174 min Scan# 1199
Delta R.T. 0.004 min
Lab File: BN029169.D
Acq: 22 Dec 2023 02:54

Tgt Ion: 152 Resp: 806
Ion Ratio Lower Upper
152 100
151 20.1 17.4 26.2

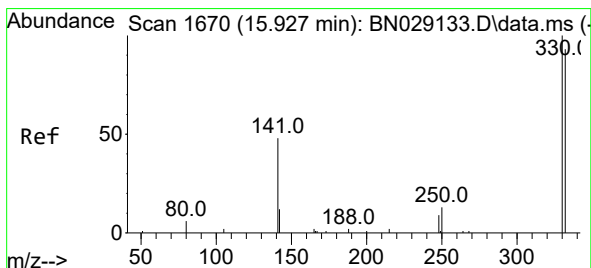
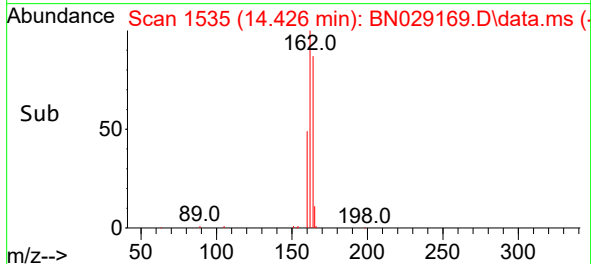
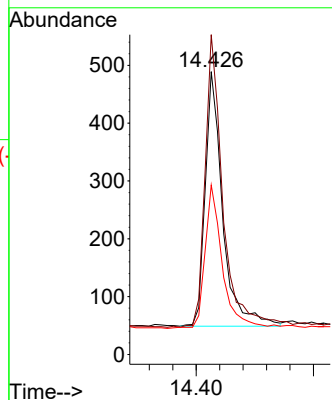
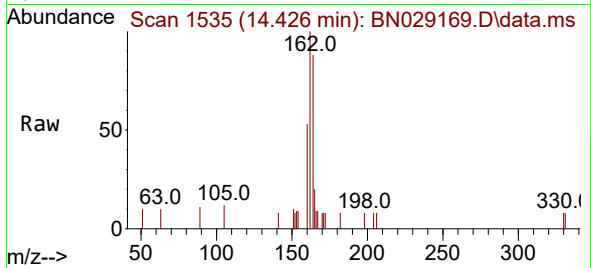




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029169.D
Acq: 22 Dec 2023 02:54

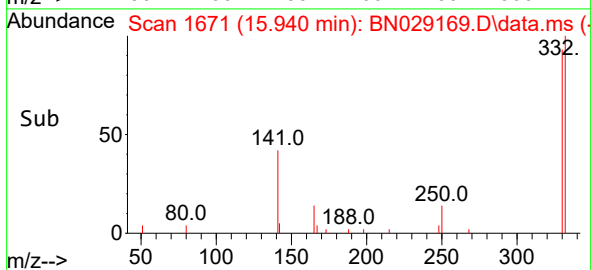
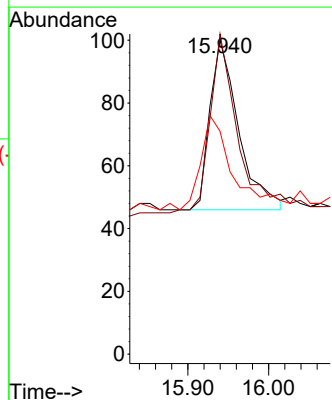
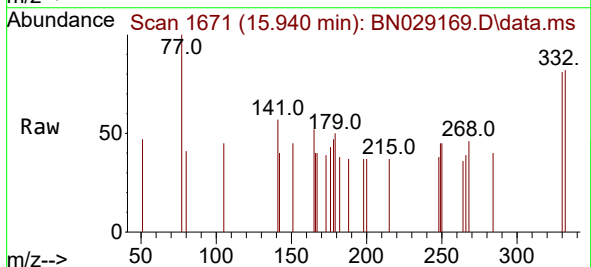
Instrument :
BNA_N
ClientSampleId :
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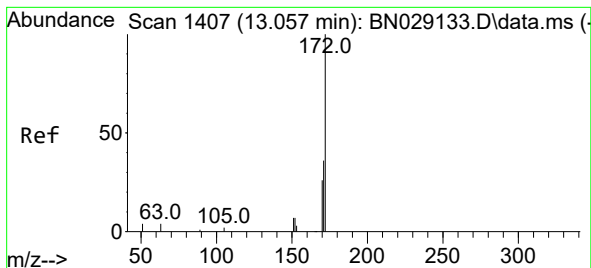
Tgt Ion:164 Resp: 912
Ion Ratio Lower Upper
164 100
162 113.1 85.0 127.4
160 59.9 45.8 68.8



#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 15.940 min Scan# 1671
Delta R.T. 0.012 min
Lab File: BN029169.D
Acq: 22 Dec 2023 02:54

Tgt Ion:330 Resp: 134
Ion Ratio Lower Upper
330 100
332 103.0 83.4 125.0
141 63.4 43.8 65.8





#15

2-Fluorobiphenyl

Concen: 0.297 ng

RT: 13.068 min Scan# 1408

Delta R.T. 0.011 min

Lab File: BN029169.D

Acq: 22 Dec 2023 02:54

Instrument :

BNA_N

ClientSampleId :

PB157976BL

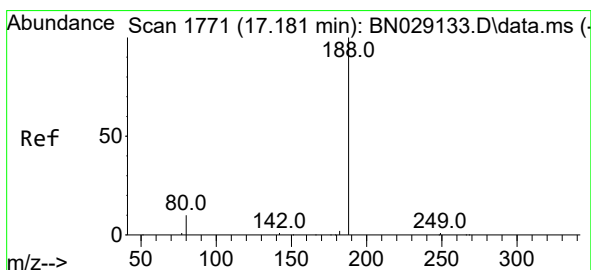
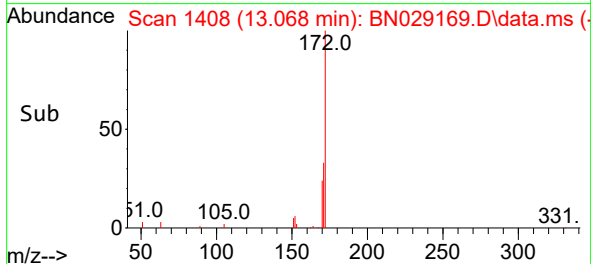
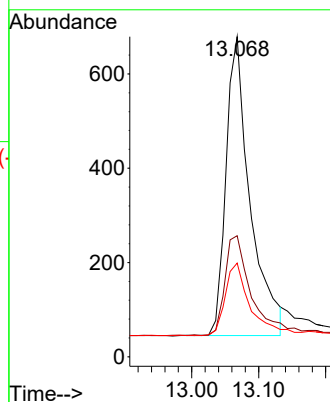
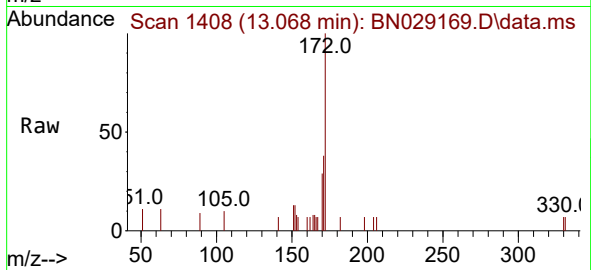
Tgt Ion:172 Resp: 1583

Ion Ratio Lower Upper

172 100

171 37.8 32.2 48.4

170 29.3 25.0 37.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.193 min Scan# 1772

Delta R.T. 0.012 min

Lab File: BN029169.D

Acq: 22 Dec 2023 02:54

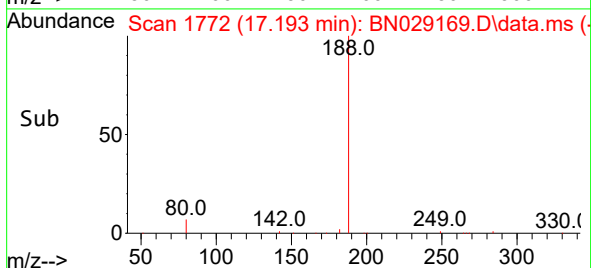
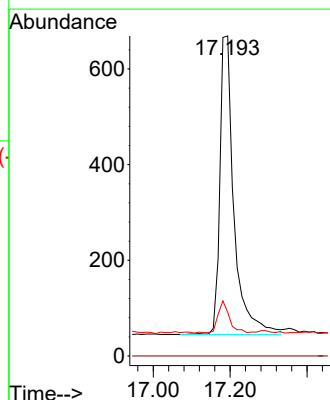
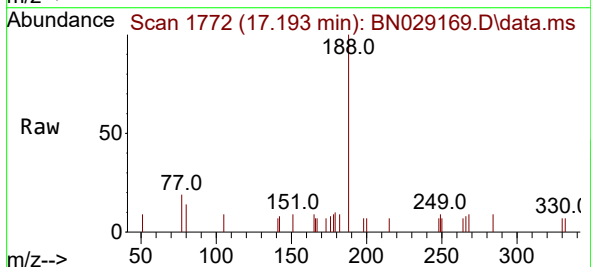
Tgt Ion:188 Resp: 1591

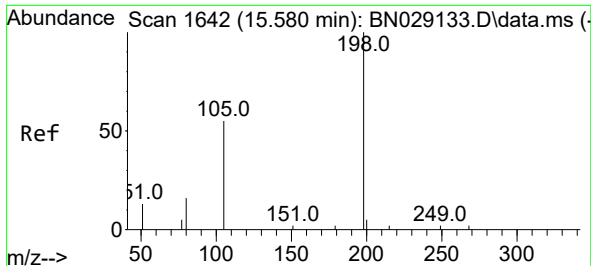
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 13.7 20.5#

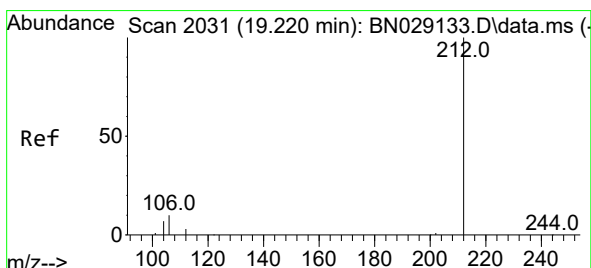
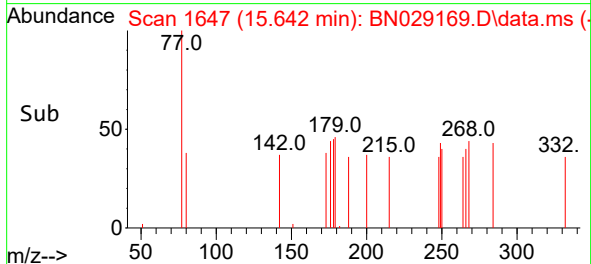
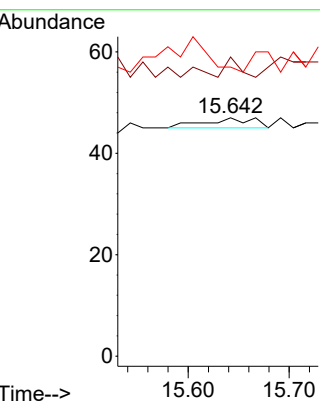
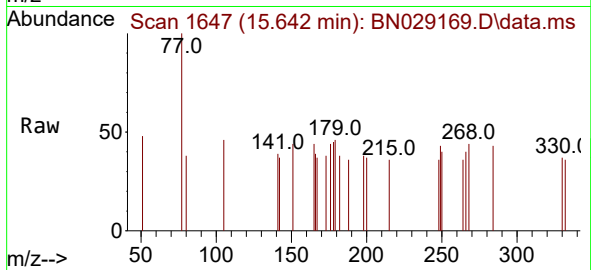




#20
4,6-Dinitro-2-methylphenol
Concen: 0.072 ng
RT: 15.642 min Scan# 10
Delta R.T. 0.062 min
Lab File: BN029169.D
Acq: 22 Dec 2023 02:54

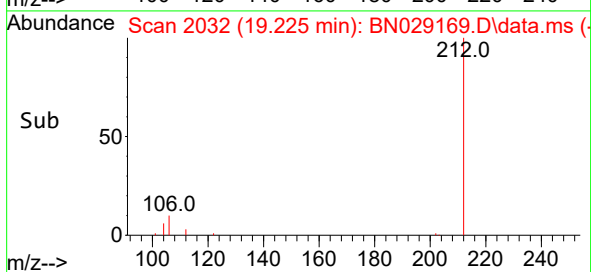
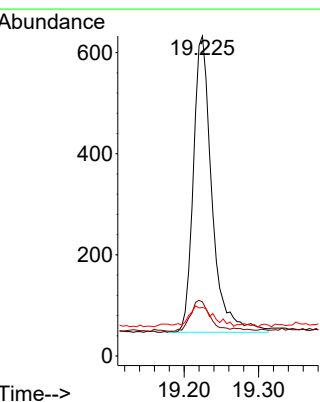
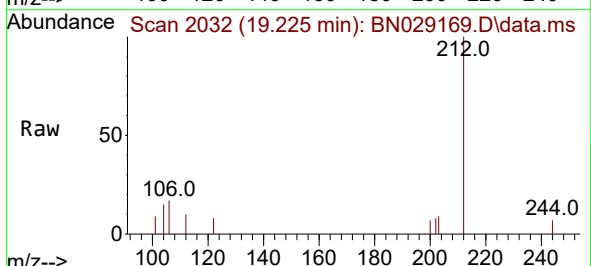
Instrument :
BNA_N
ClientSampleId :
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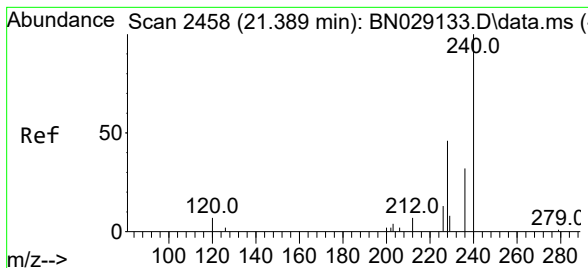
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 125.5 53.6 80.4#
105 121.3 65.6 98.4#



#27
Fluoranthene-d10
Concen: 0.263 ng
RT: 19.225 min Scan# 2032
Delta R.T. 0.005 min
Lab File: BN029169.D
Acq: 22 Dec 2023 02:54

Tgt Ion:212 Resp: 1013
Ion Ratio Lower Upper
212 100
106 10.7 9.6 14.4
104 8.6 6.5 9.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.394 min Scan# 2458

Delta R.T. 0.005 min

Lab File: BN029169.D

Acq: 22 Dec 2023 02:54

Instrument :

BNA_N

ClientSampleId :

PB157976BL

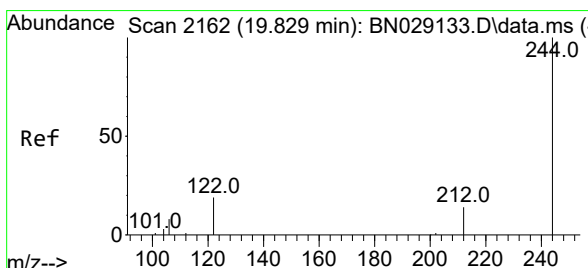
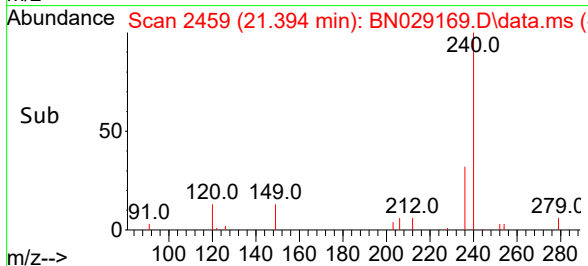
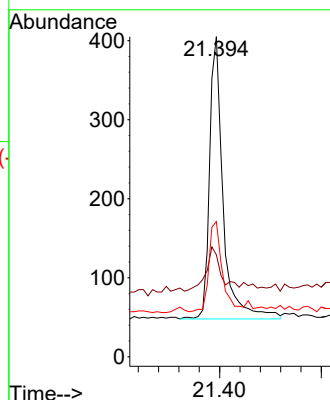
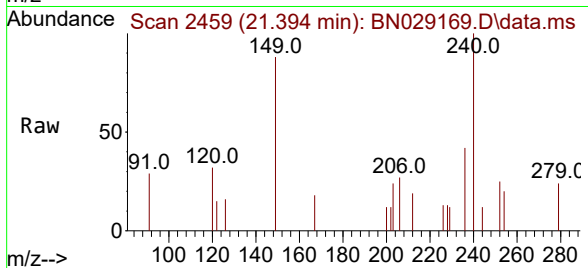
Tgt Ion:240 Resp: 661

Ion Ratio Lower Upper

240 100

120 31.9 21.4 32.0

236 42.2 33.5 50.3



#31

Terphenyl-d14

Concen: 0.360 ng

RT: 19.833 min Scan# 2163

Delta R.T. 0.005 min

Lab File: BN029169.D

Acq: 22 Dec 2023 02:54

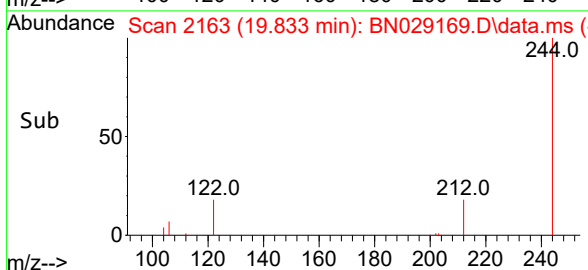
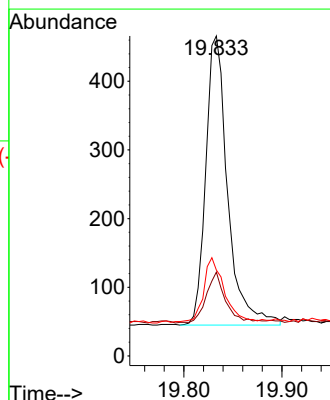
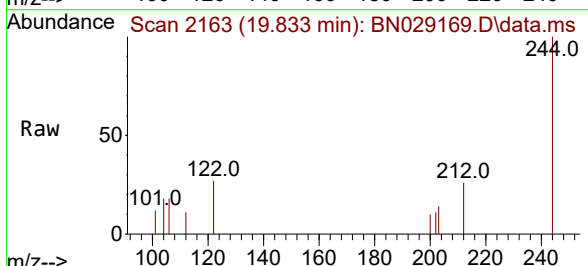
Tgt Ion:244 Resp: 653

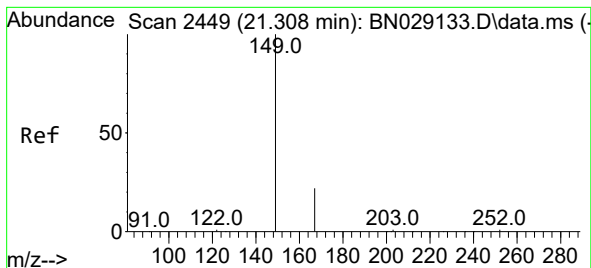
Ion Ratio Lower Upper

244 100

212 26.2 19.0 28.6

122 26.8 22.5 33.7

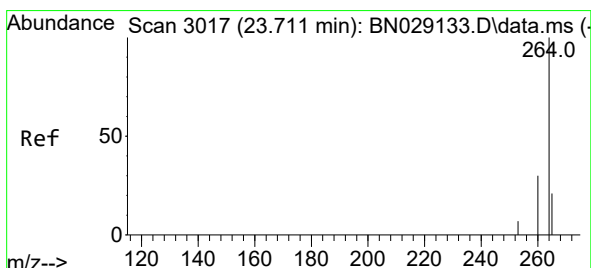
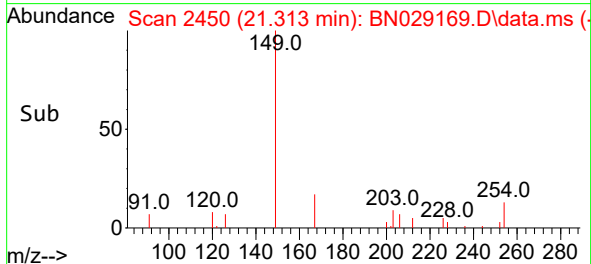
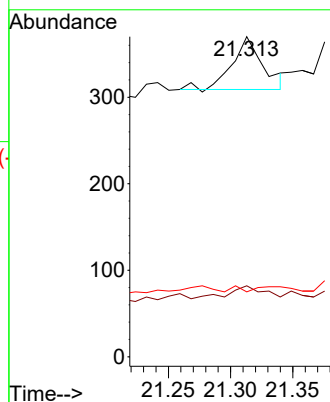
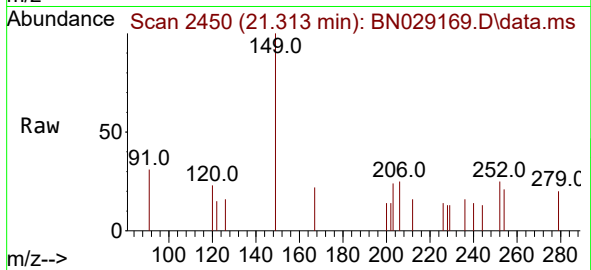




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.313 min Scan# 2449
Delta R.T. 0.005 min
Lab File: BN029169.D
Acq: 22 Dec 2023 02:54

Instrument :
BNA_N
ClientSampleId :
PB157976BL

Tgt Ion:149 Resp: 105
Ion Ratio Lower Upper
149 100
167 22.9 20.2 30.2
279 3.8 2.5 3.7#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.710 min Scan# 3018
Delta R.T. -0.001 min
Lab File: BN029169.D
Acq: 22 Dec 2023 02:54

Tgt Ion:264 Resp: 821
Ion Ratio Lower Upper
264 100
260 36.4 31.0 46.6
265 129.5 105.3 157.9

