

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062222\
 Data File : BN020345.D
 Acq On : 22 Jun 2022 16:12
 Operator : CG/JU
 Sample : PB145588BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB145588BL

Quant Time: Jun 23 02:50:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 15:57:15 2022
 Response via : Initial Calibration

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

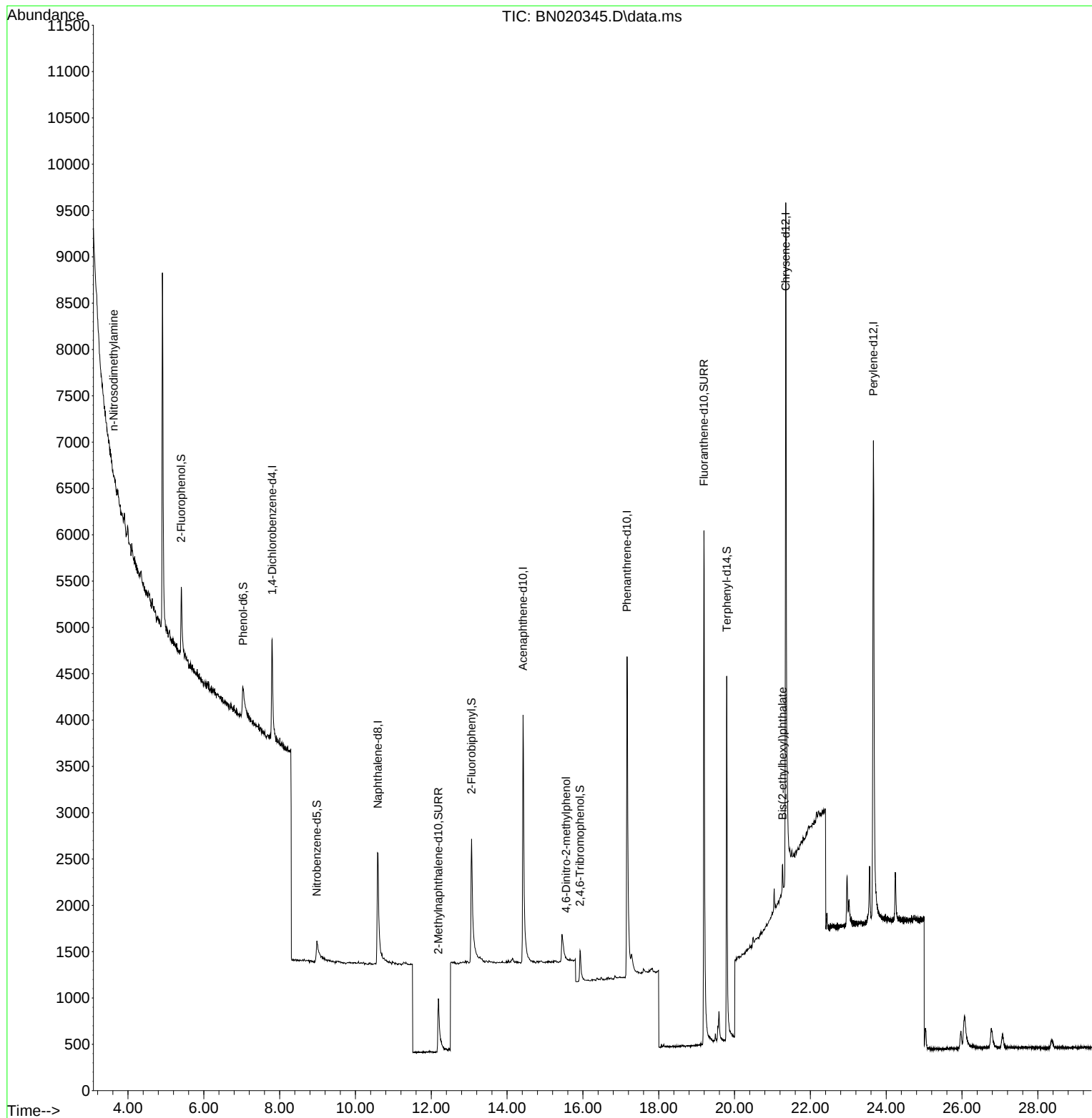
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	892	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	3012	0.400	ng	# 0.01
13) Acenaphthene-d10	14.420	164	2532	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	7549	0.400	ng	# 0.00
29) Chrysene-d12	21.351	240	8890	0.400	ng	0.00
35) Perylene-d12	23.665	264	9339	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	913	0.349	ng	0.00
5) Phenol-d6	7.038	99	849	0.252	ng	0.03
8) Nitrobenzene-d5	8.982	82	547	0.260	ng	0.02
11) 2-Methylnaphthalene-d10	12.189	152	1706	0.305	ng	0.02
14) 2,4,6-Tribromophenol	15.923	330	290	0.241	ng	0.01
15) 2-Fluorobiphenyl	13.063	172	2182	0.241	ng	0.01
27) Fluoranthene-d10	19.194	212	8121	0.307	ng	0.00
31) Terphenyl-d14	19.792	244	5851	0.330	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	42	Below Cal	#	14
3) n-Nitrosodimethylamine	3.622	42	28	0.030	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.554	198	3	0.115	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.270	149	545	0.037	ng	# 86

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

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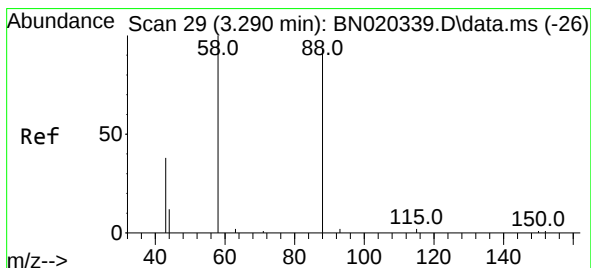
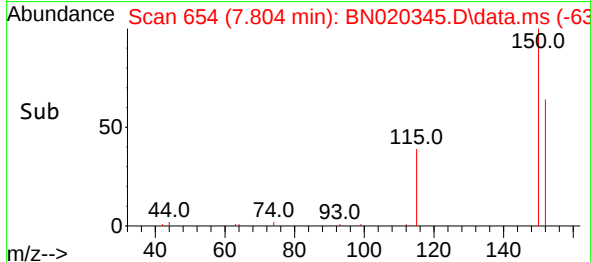
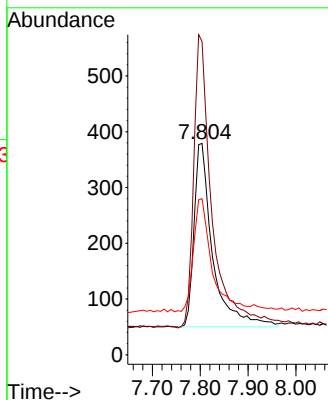
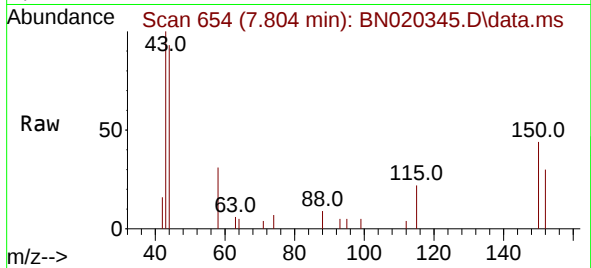




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN020345.D
 Acq: 22 Jun 2022 16:12

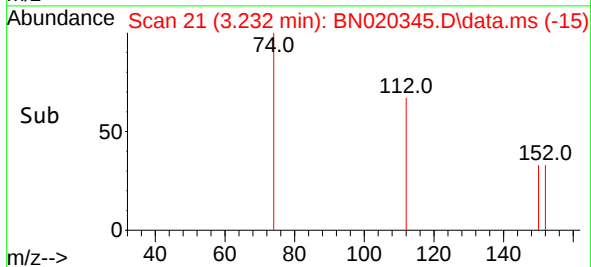
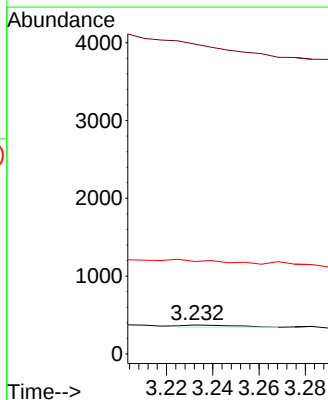
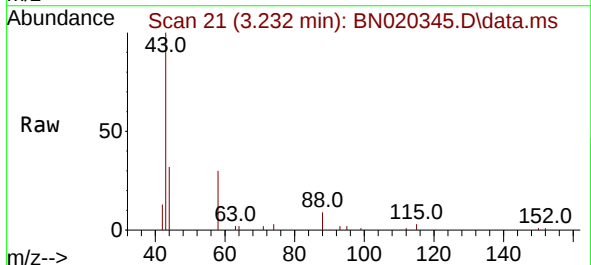
Instrument :
 BNA_N
 ClientSampleId :
 PB145588BL

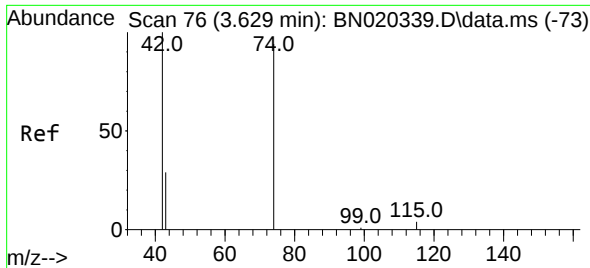
Tgt Ion: 152 Resp: 892
 Ion Ratio Lower Upper
 152 100
 150 148.3 127.9 191.9
 115 73.9 51.4 77.2



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.232 min Scan# 21
 Delta R.T. -0.058 min
 Lab File: BN020345.D
 Acq: 22 Jun 2022 16:12

Tgt Ion: 88 Resp: 42
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.2 45.2#
 58 0.0 73.0 109.6#

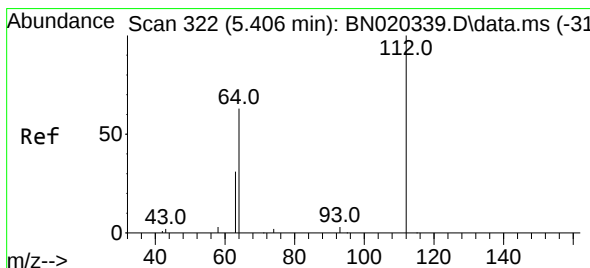
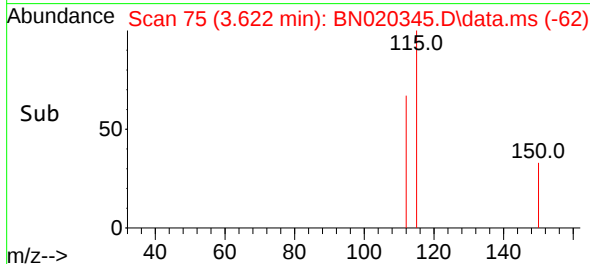
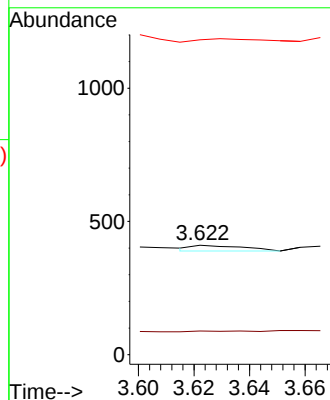
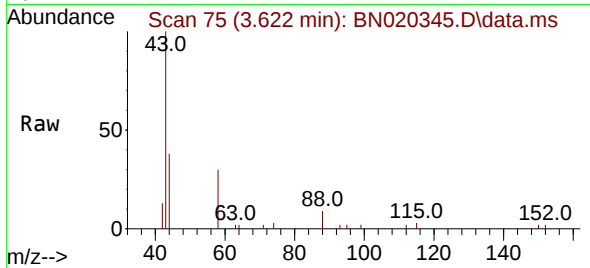




#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.622 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

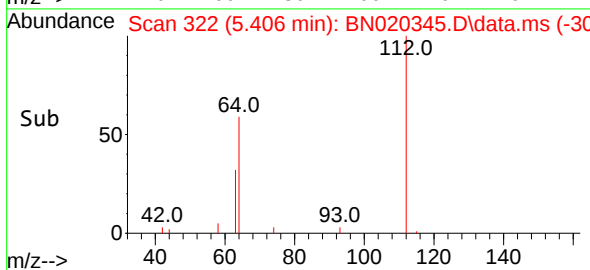
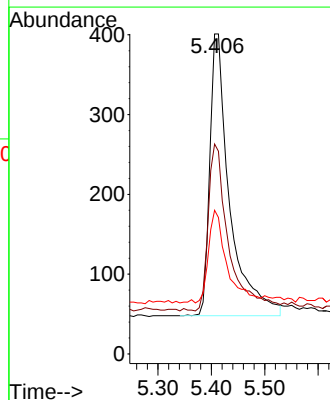
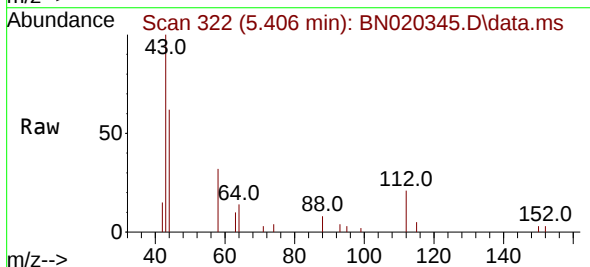
Instrument :
BNA_N
ClientSampleId :
PB145588BL

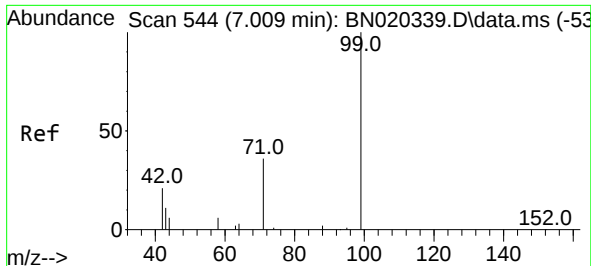
Tgt Ion: 42 Resp: 28
Ion Ratio Lower Upper
42 100
74 0.0 84.0 126.0#
44 82.1 9.8 14.8#



#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

Tgt Ion: 112 Resp: 913
Ion Ratio Lower Upper
112 100
64 61.3 49.1 73.7
63 30.7 26.3 39.5

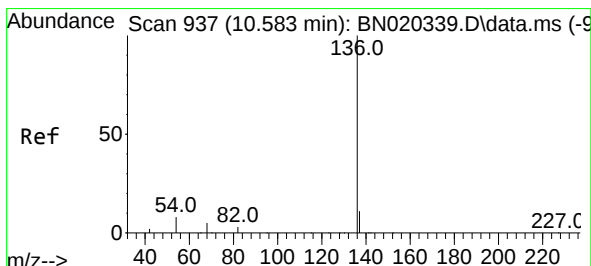
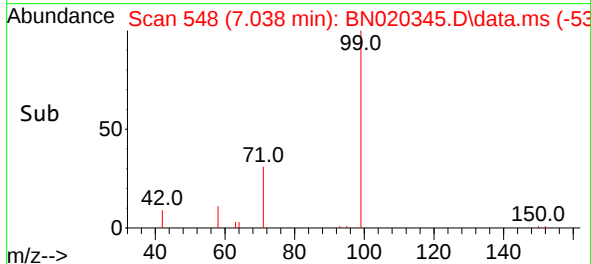
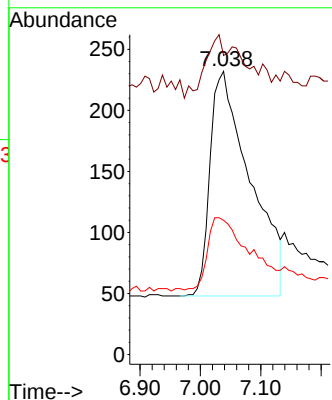
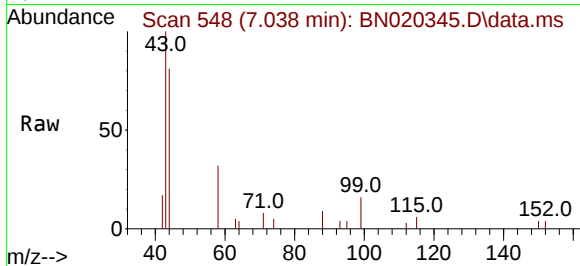




#5
Phenol-d6
Concen: 0.252 ng
RT: 7.038 min Scan# 544
Delta R.T. 0.029 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

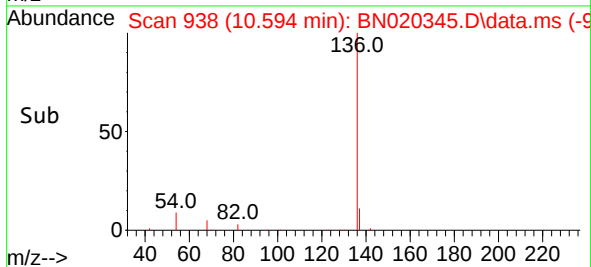
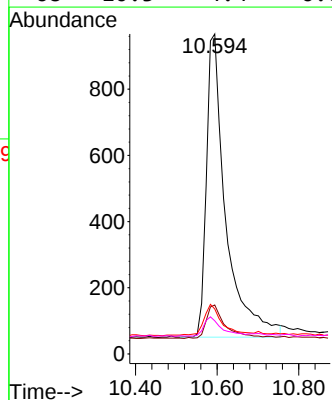
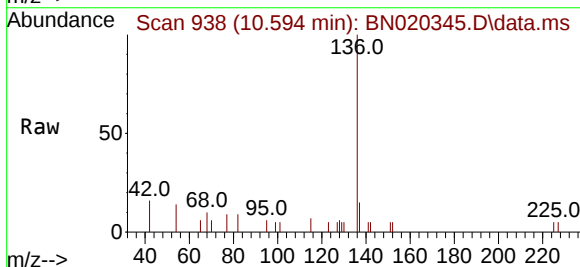
Instrument :
BNA_N
ClientSampleId :
PB145588BL

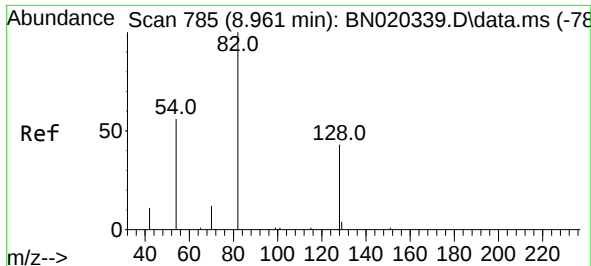
Tgt Ion: 99 Resp: 849
Ion Ratio Lower Upper
99 100
42 11.3 19.3 28.9#
71 33.8 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. 0.011 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

Tgt Ion: 136 Resp: 3012
Ion Ratio Lower Upper
136 100
137 15.3 9.0 13.6#
54 14.1 6.2 9.2#
68 10.3 4.4 6.6#

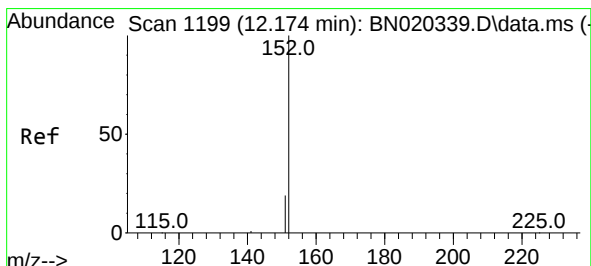
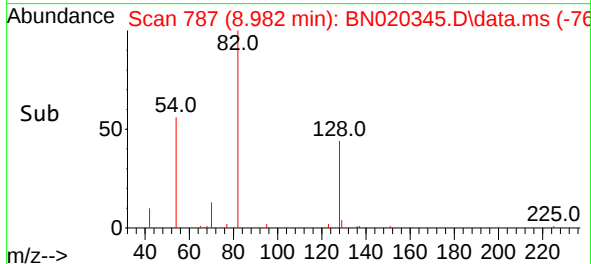
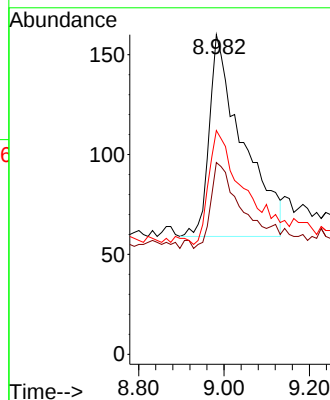
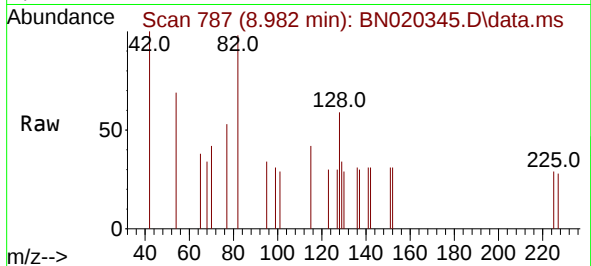




#8
Nitrobenzene-d5
Concen: 0.260 ng
RT: 8.982 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

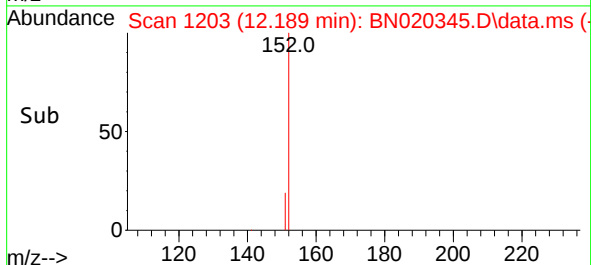
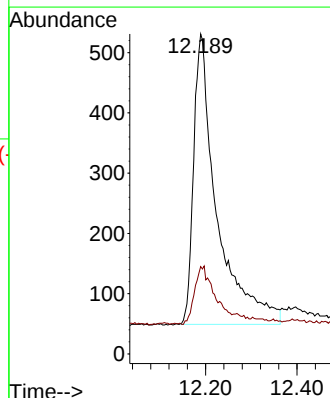
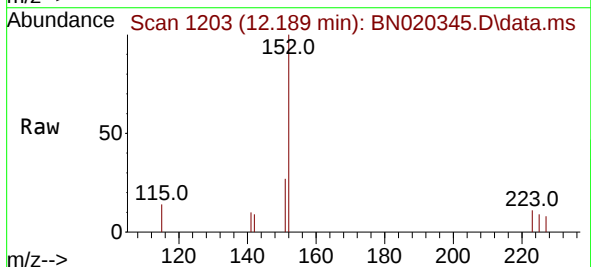
Instrument :
BNA_N
ClientSampleId :
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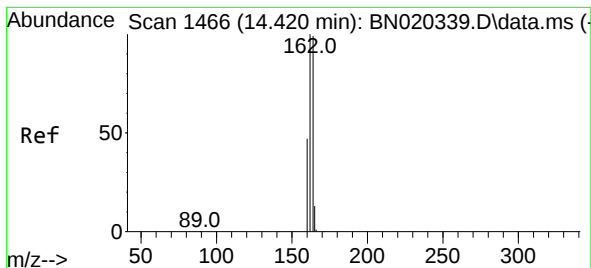
Tgt Ion: 82 Resp: 547
Ion Ratio Lower Upper
82 100
128 60.0 35.0 52.6#
54 70.0 46.2 69.4#



#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 12.189 min Scan# 1203
Delta R.T. 0.015 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

Tgt Ion: 152 Resp: 1706
Ion Ratio Lower Upper
152 100
151 17.6 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.420 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BN020345.D

Acq: 22 Jun 2022 16:12

Instrument :

BNA_N

ClientSampleId :

PB145588BL

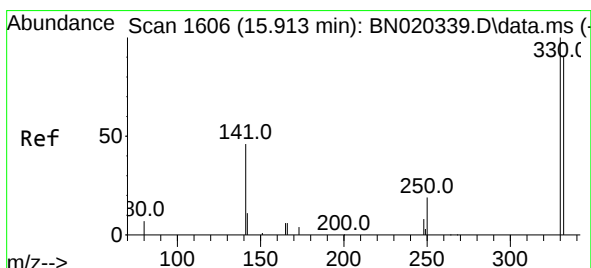
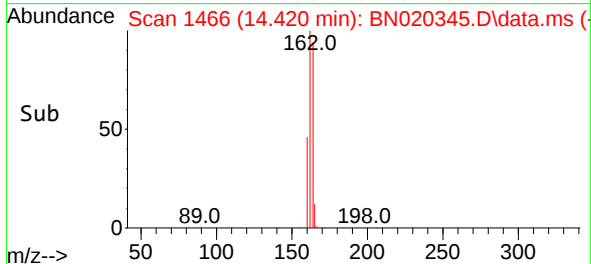
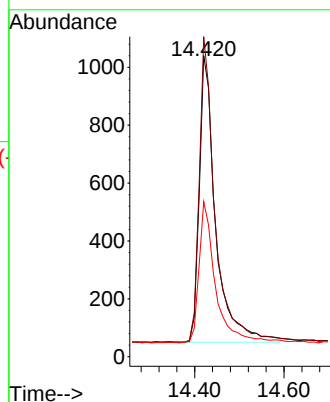
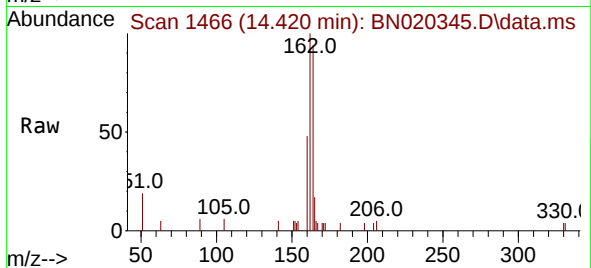
Tgt Ion:164 Resp: 2532

Ion Ratio Lower Upper

164 100

162 106.2 82.1 123.1

160 51.5 38.6 58.0



#14

2,4,6-Tribromophenol

Concen: 0.241 ng

RT: 15.923 min Scan# 1607

Delta R.T. 0.010 min

Lab File: BN020345.D

Acq: 22 Jun 2022 16:12

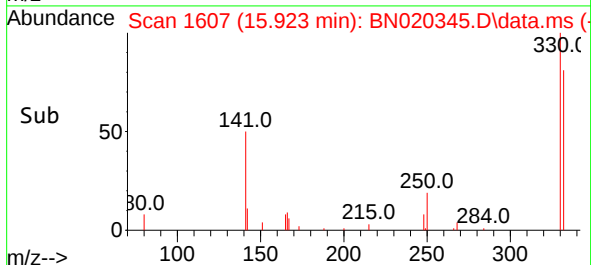
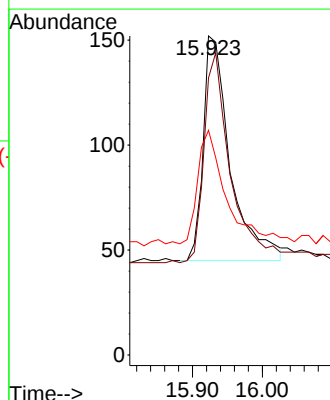
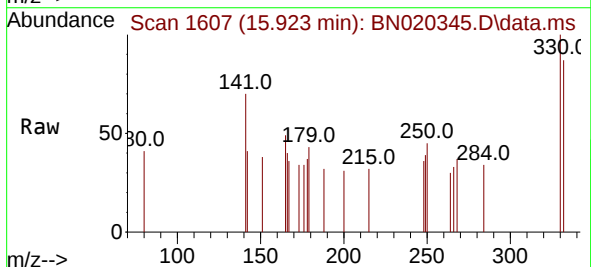
Tgt Ion:330 Resp: 290

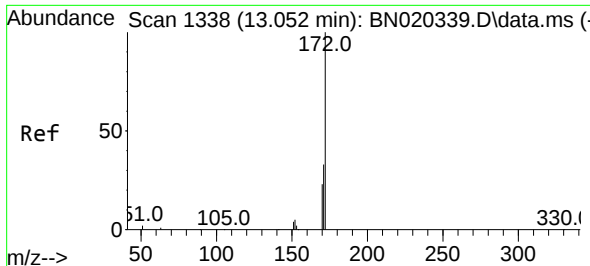
Ion Ratio Lower Upper

330 100

332 91.7 77.6 116.4

141 52.8 41.0 61.4

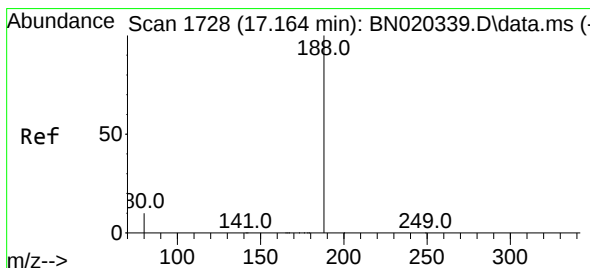
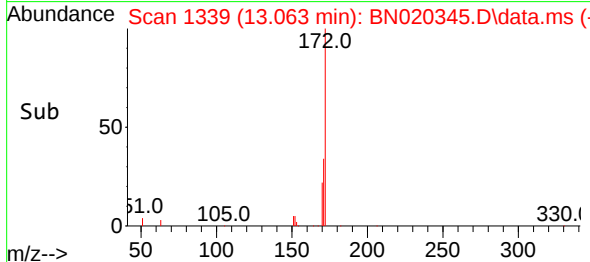
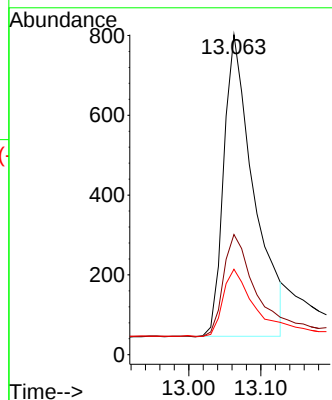
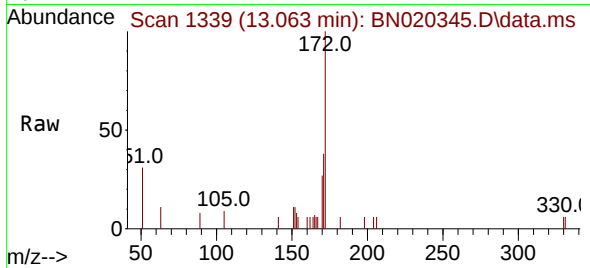




#15
2-Fluorobiphenyl
Concen: 0.241 ng
RT: 13.063 min Scan# 1339
Delta R.T. 0.011 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

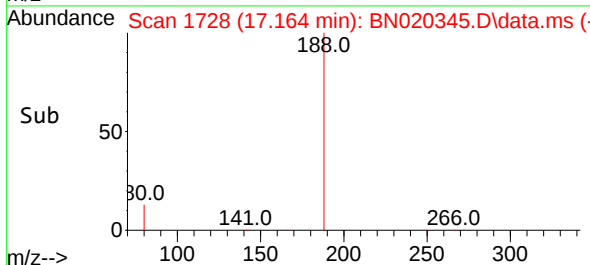
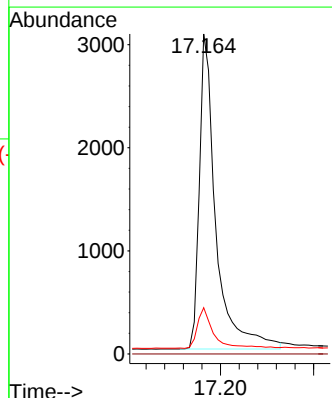
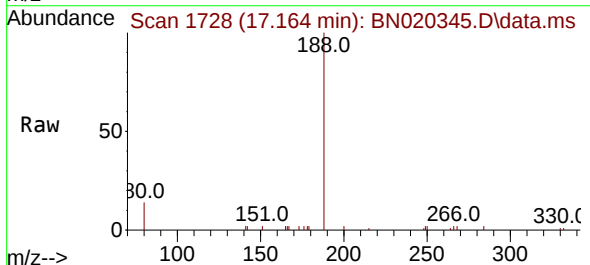
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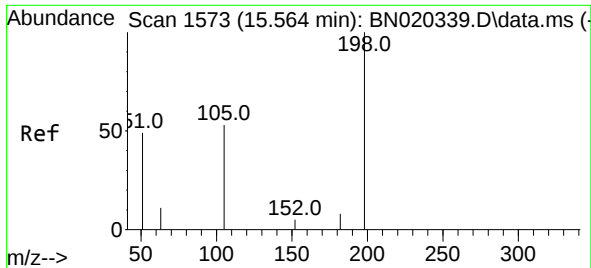
Tgt Ion:	172	Resp:	2182
Ion Ratio	Lower	Upper	
172	100		
171	37.5	27.2	40.8
170	26.7	18.2	27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

Tgt Ion:	188	Resp:	7549
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.4	7.4	11.2

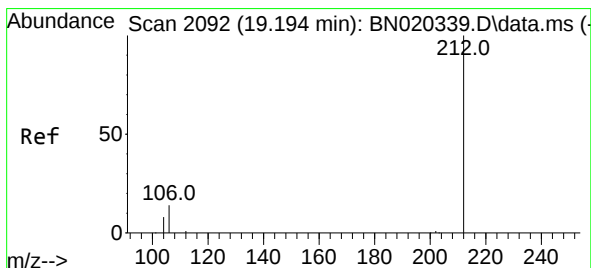
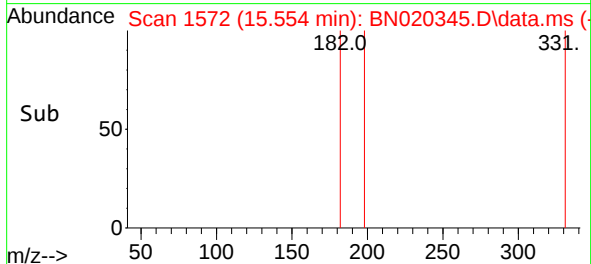
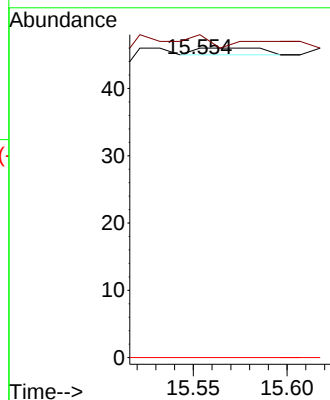
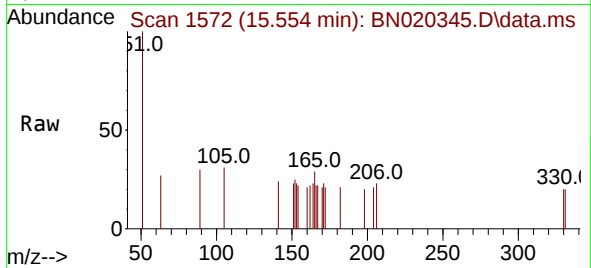




#20
4,6-Dinitro-2-methylphenol
Concen: 0.115 ng
RT: 15.554 min Scan# 1572
Delta R.T. -0.010 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

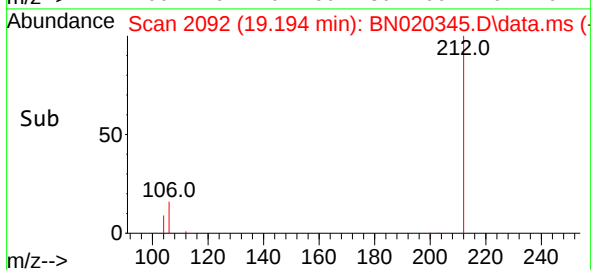
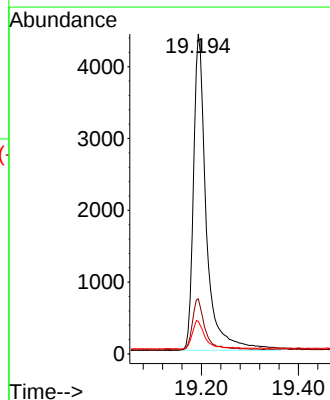
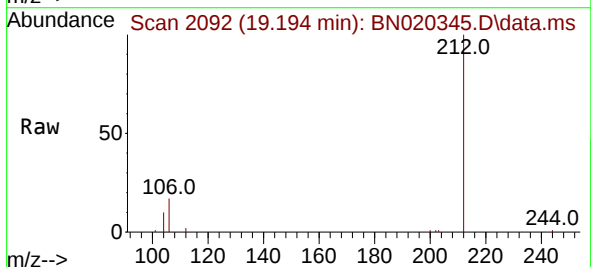
Instrument :
BNA_N
ClientSampleId :
PB145588BL

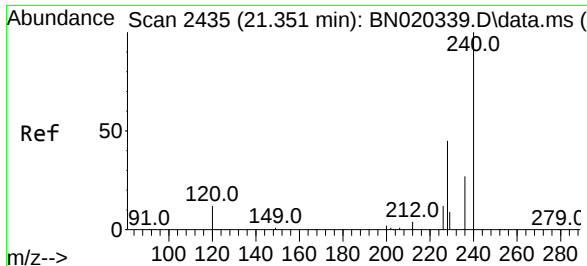
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 104.3 12.1 18.1#
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.307 ng
RT: 19.194 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

Tgt Ion:212 Resp: 8121
Ion Ratio Lower Upper
212 100
106 15.6 12.6 19.0
104 8.7 7.2 10.8

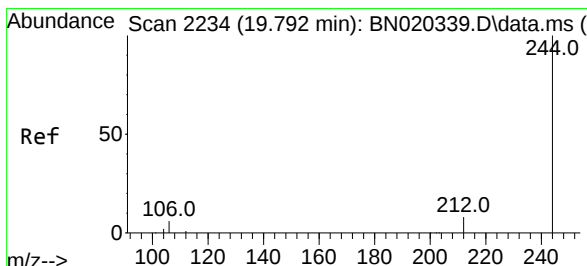
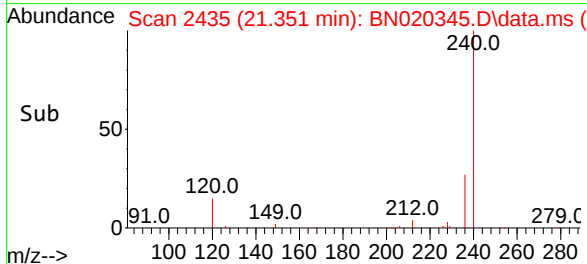
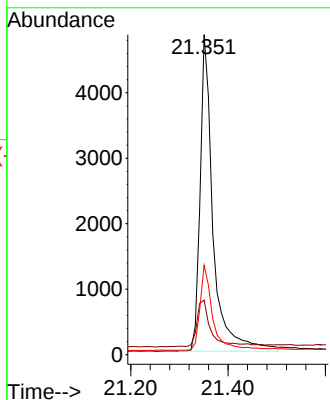
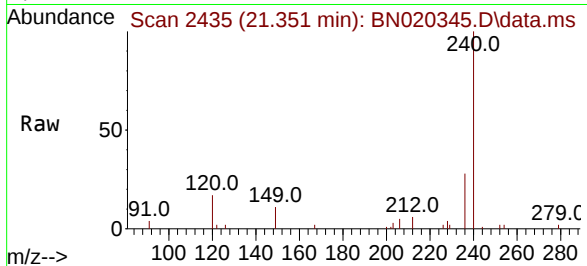




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.351 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

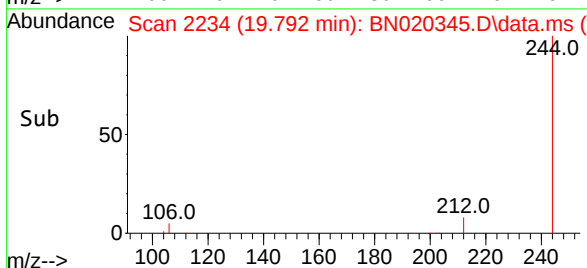
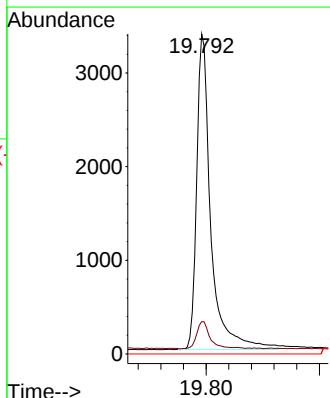
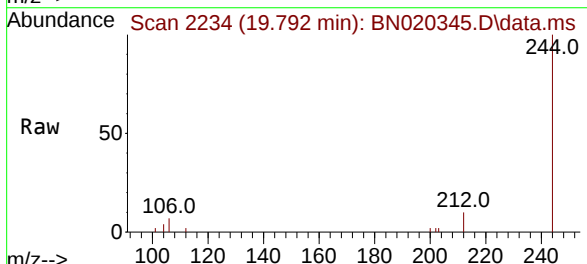
Instrument :
BNA_N
ClientSampleId :
PB145588BL

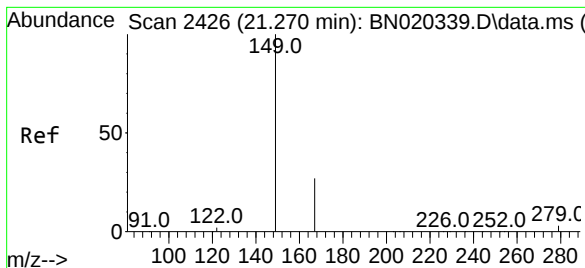
Tgt Ion:240 Resp: 8890
Ion Ratio Lower Upper
240 100
120 17.0 14.6 21.8
236 28.0 22.6 33.8



#31
Terphenyl-d14
Concen: 0.330 ng
RT: 19.792 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

Tgt Ion:244 Resp: 5851
Ion Ratio Lower Upper
244 100
212 10.1 7.1 10.7
122 0.0 0.0 0.0

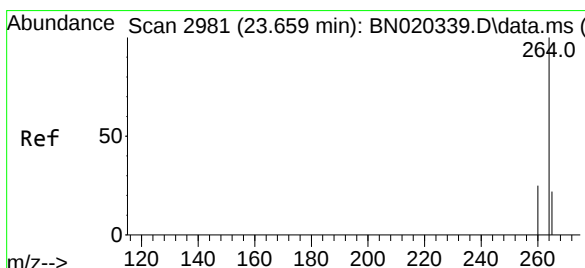
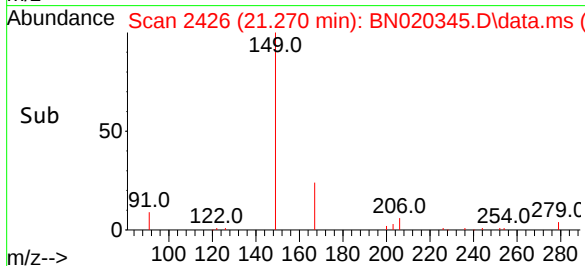
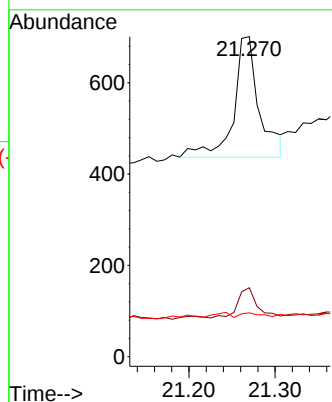
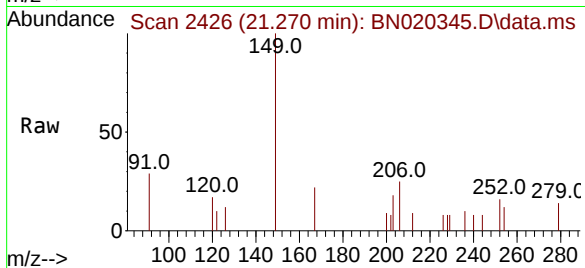




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.037 ng
RT: 21.270 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

Instrument :
BNA_N
ClientSampleId :
PB145588BL

Tgt Ion:149 Resp: 545
Ion Ratio Lower Upper
149 100
167 19.1 21.7 32.5#
279 3.1 2.2 3.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.665 min Scan# 2983
Delta R.T. 0.006 min
Lab File: BN020345.D
Acq: 22 Jun 2022 16:12

Tgt Ion:264 Resp: 9339
Ion Ratio Lower Upper
264 100
260 26.0 20.9 31.3
265 46.9 28.0 42.0#

