

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
 Data File : BN021390.D
 Acq On : 26 Aug 2022 18:14
 Operator : CG/JU
 Sample : N4281-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20220818

Quant Time: Aug 26 23:42:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 23:37:03 2022
 Response via : Initial Calibration

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

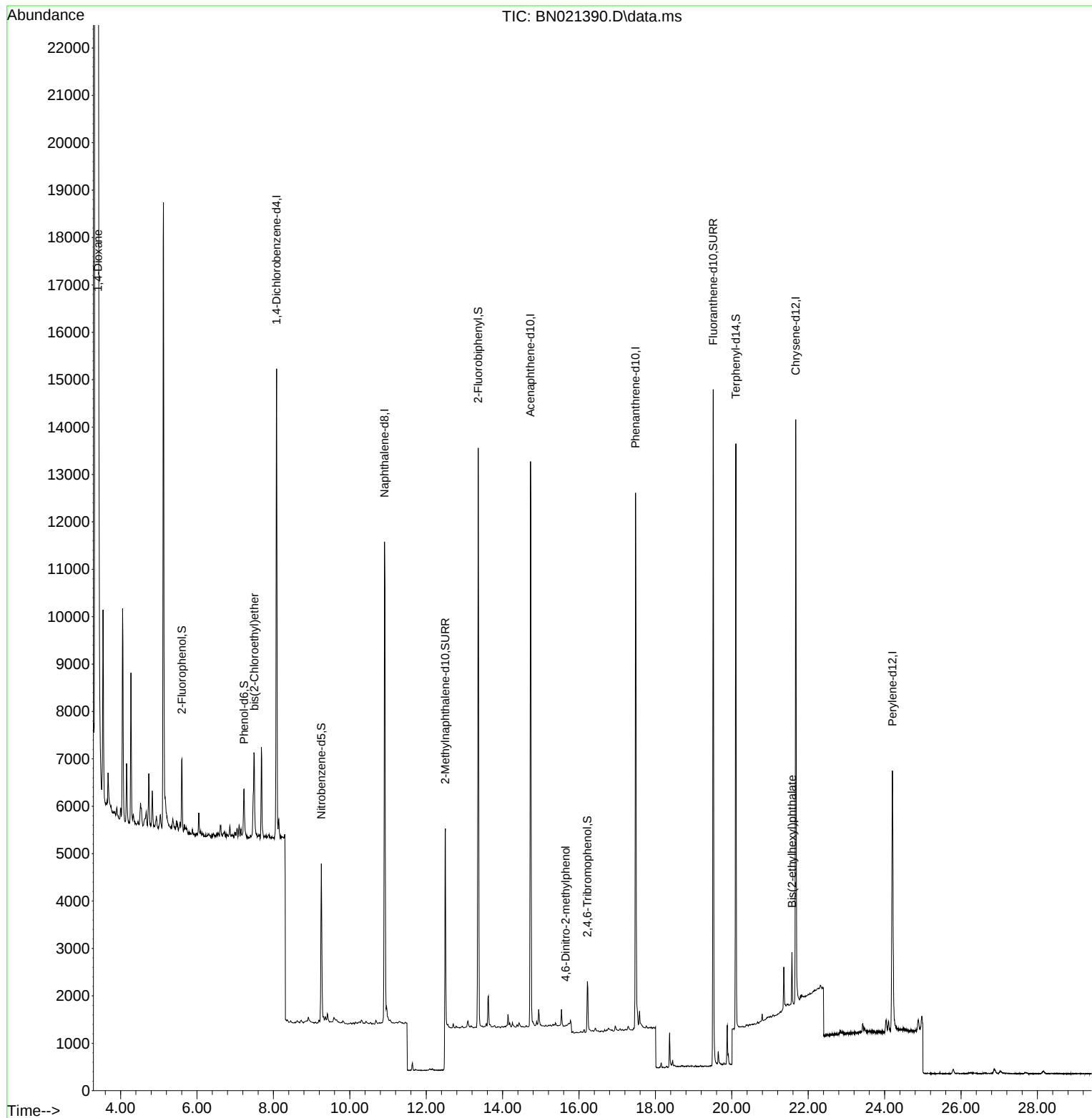
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	4801	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	14412	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	7331	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	15367	0.400	ng	# 0.00
29) Chrysene-d12	21.673	240	11494	0.400	ng	# 0.00
35) Perylene-d12	24.203	264	8731	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	1304	0.100	ng	0.00
5) Phenol-d6	7.231	99	935	0.057	ng	0.00
8) Nitrobenzene-d5	9.254	82	2889	0.265	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	9520	0.391	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	667	0.199	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	10478	0.320	ng	0.00
27) Fluoranthene-d10	19.514	212	15437	0.336	ng	0.00
31) Terphenyl-d14	20.106	244	10501	0.432	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	16333	2.452	ng	# 93
6) bis(2-Chloroethyl)ether	7.498	93	1149	0.071	ng	94
20) 4,6-Dinitro-2-methylph...	15.648	198	4	0.198	ng	96
34) Bis(2-ethylhexyl)phtha...	21.574	149	975	0.046	ng	97

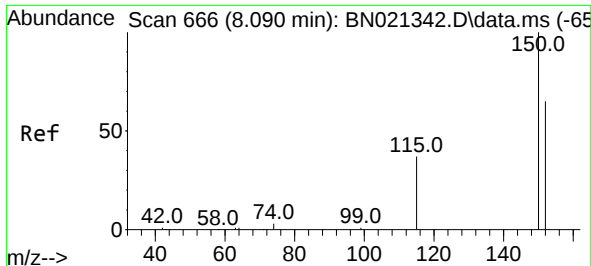
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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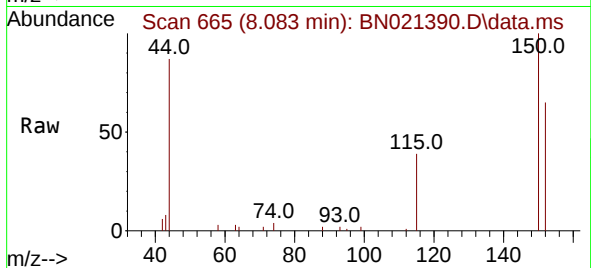
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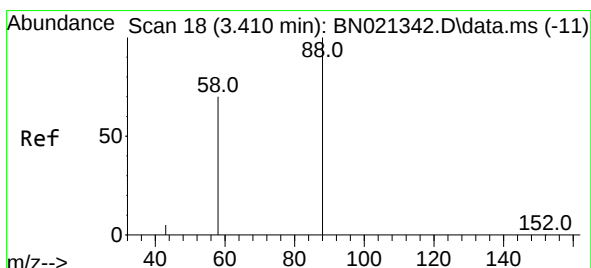
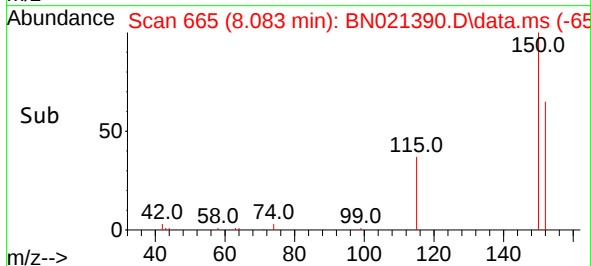
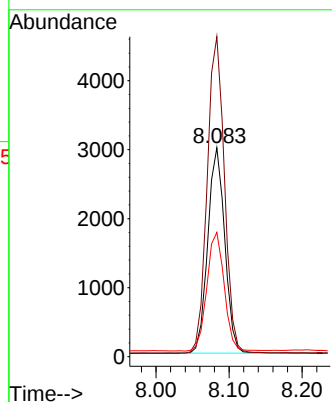


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 666
 Delta R.T. 0.000 min
 Lab File: BN021390.D
 Acq: 26 Aug 2022 18:14

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20220818

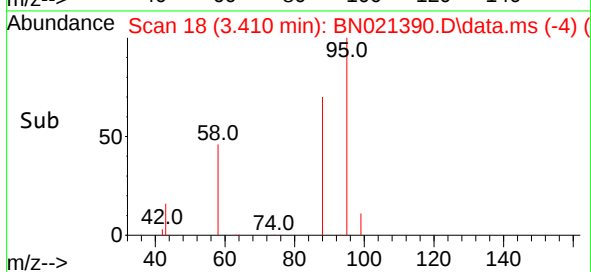
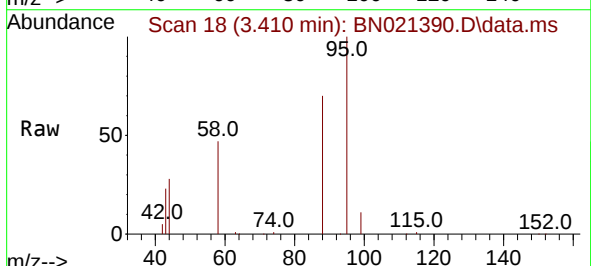
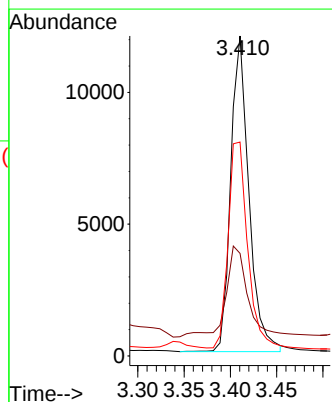


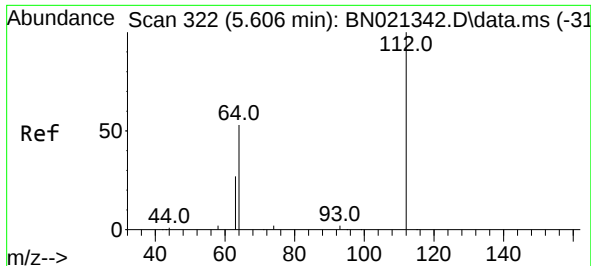
Tgt Ion:152 Resp: 4801
 Ion Ratio Lower Upper
 152 100
 150 153.2 121.4 182.0
 115 59.5 48.6 72.8



#2
 1,4-Dioxane
 Concen: 2.452 ng
 RT: 3.410 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BN021390.D
 Acq: 26 Aug 2022 18:14

Tgt Ion: 88 Resp: 16333
 Ion Ratio Lower Upper
 88 100
 43 34.4 35.8 53.8#
 58 69.7 57.1 85.7





#4

2-Fluorophenol

Concen: 0.100 ng

RT: 5.606 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN021390.D

Acq: 26 Aug 2022 18:14

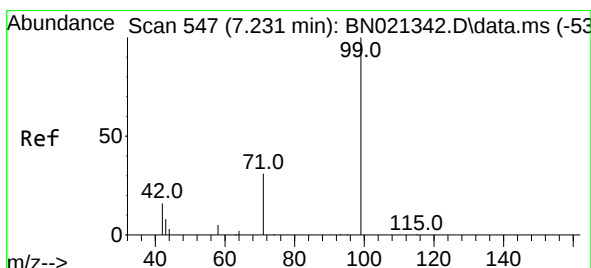
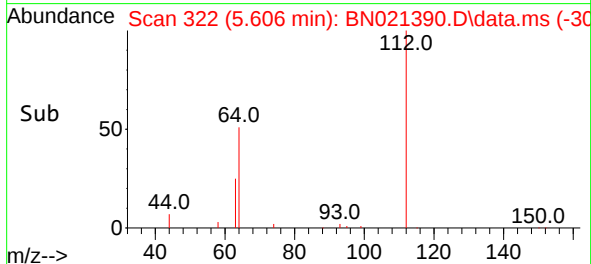
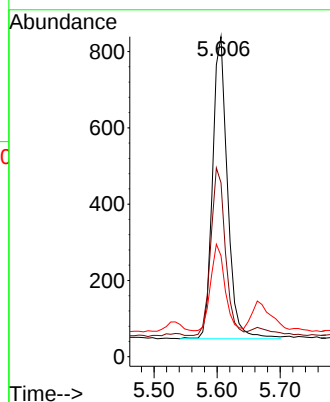
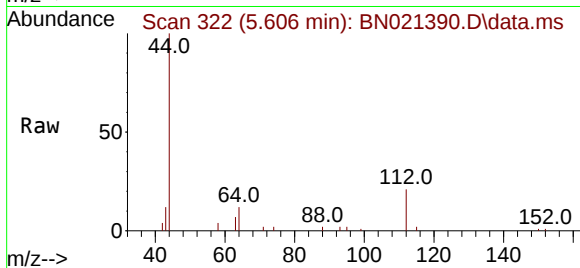
Instrument :

BNA_N

ClientSampleId :

RE108D2-20220818

Tgt Ion:	112	Resp:	1304
Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.5	65.3
63	27.3	22.6	34.0



#5

Phenol-d6

Concen: 0.057 ng

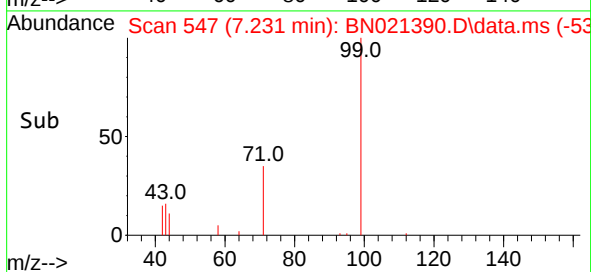
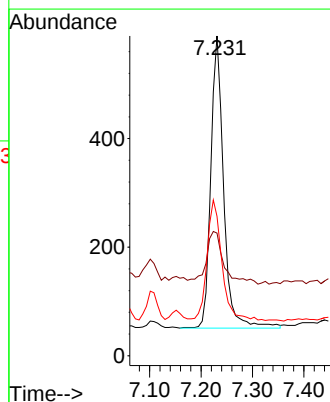
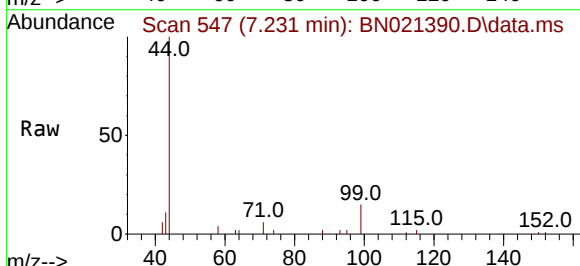
RT: 7.231 min Scan# 547

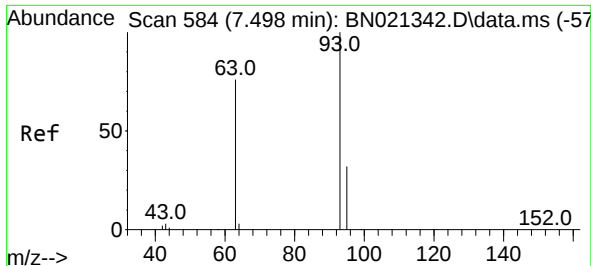
Delta R.T. -0.000 min

Lab File: BN021390.D

Acq: 26 Aug 2022 18:14

Tgt Ion:	99	Resp:	935
Ion	Ratio	Lower	Upper
99	100		
42	24.0	15.5	23.3#
71	47.6	24.2	36.2#

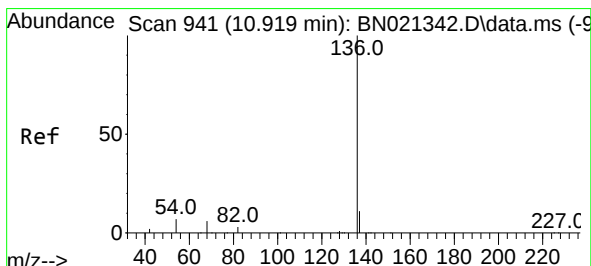
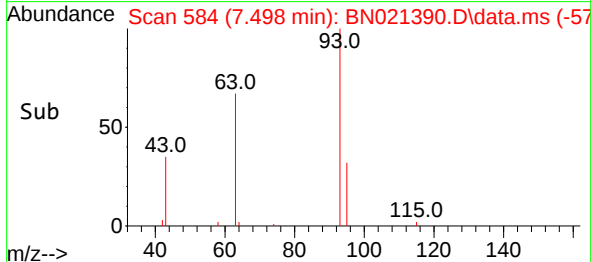
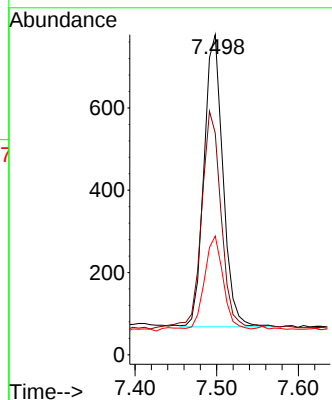
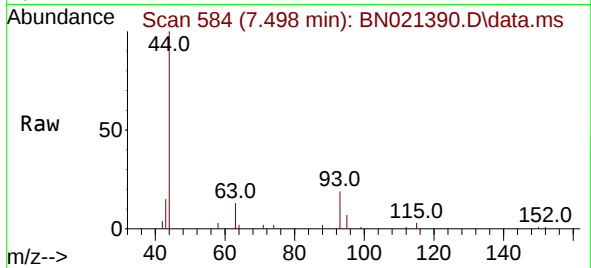




#6
bis(2-Chloroethyl)ether
Concen: 0.071 ng
RT: 7.498 min Scan# 584
Delta R.T. -0.000 min
Lab File: BN021390.D
Acq: 26 Aug 2022 18:14

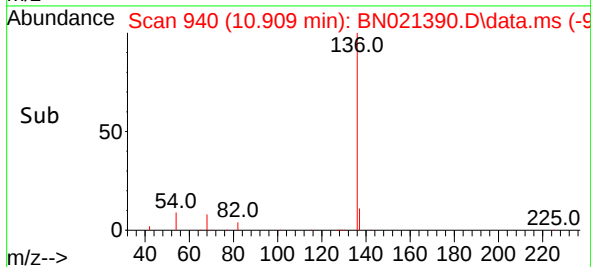
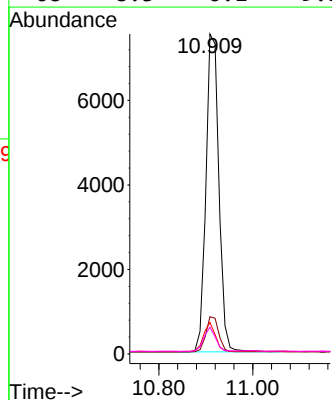
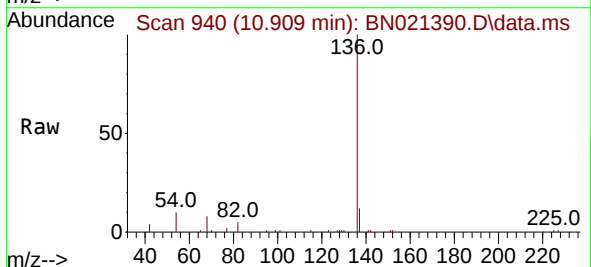
Instrument :
BNA_N
ClientSampleId :
RE108D2-20220818

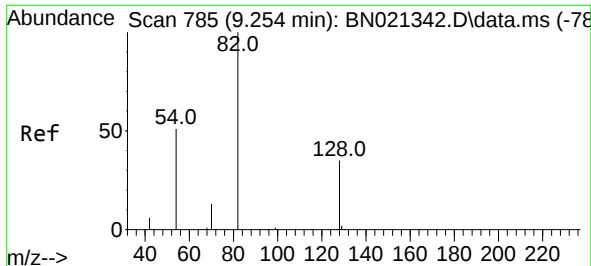
Tgt Ion: 93	Resp:	1149	
Ion	Ratio	Lower	Upper
93	100		
63	79.5	57.8	86.8
95	31.9	25.9	38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021390.D
Acq: 26 Aug 2022 18:14

Tgt	Ion:136	Resp:	14412
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	9.9	6.9	10.3
68	8.3	6.1	9.1

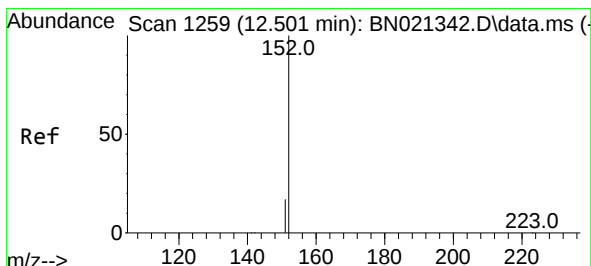
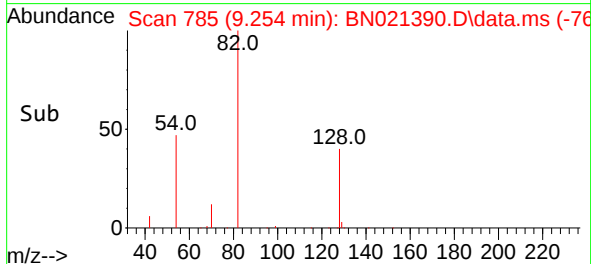
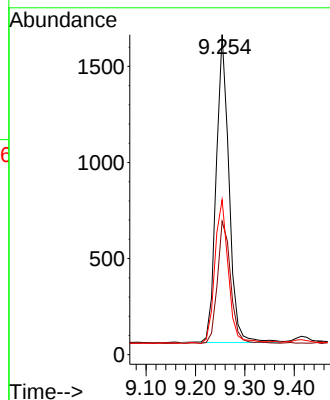
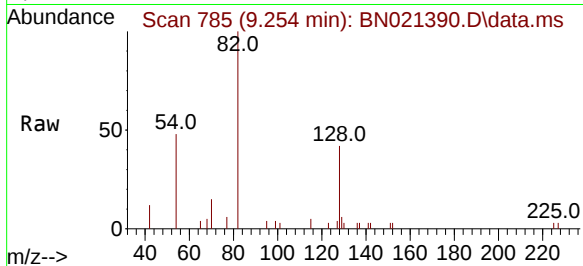




#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021390.D
Acq: 26 Aug 2022 18:14

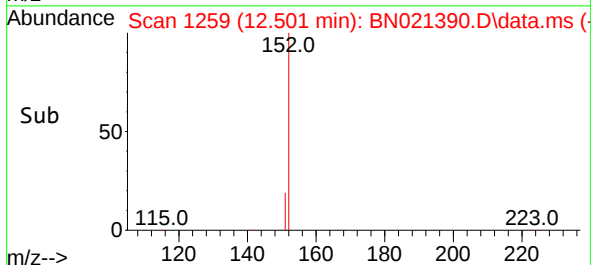
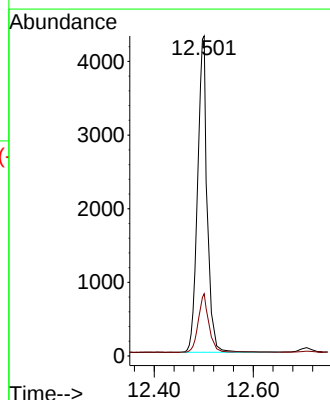
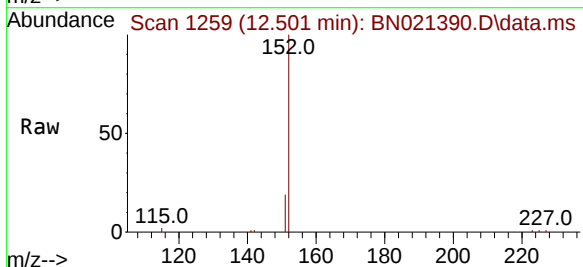
Instrument :
BNA_N
ClientSampleId :
RE108D2-20220818

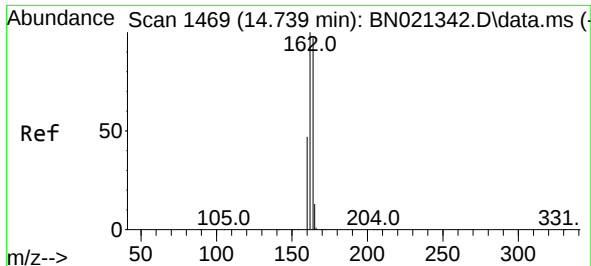
Tgt Ion: 82 Resp: 2889
Ion Ratio Lower Upper
82 100
128 41.7 30.9 46.3
54 48.5 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.501 min Scan# 1259
Delta R.T. 0.004 min
Lab File: BN021390.D
Acq: 26 Aug 2022 18:14

Tgt Ion: 152 Resp: 9520
Ion Ratio Lower Upper
152 100
151 17.6 14.5 21.7

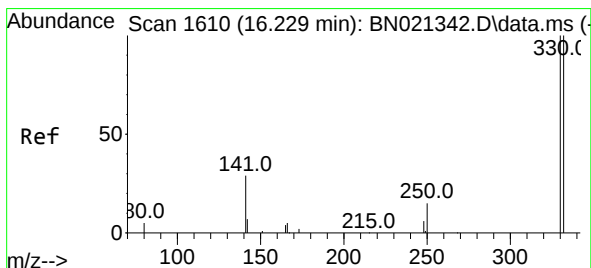
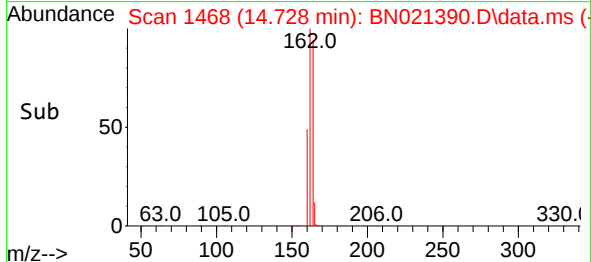
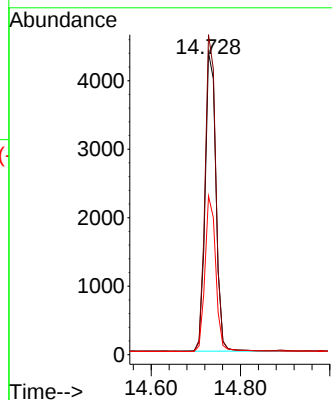
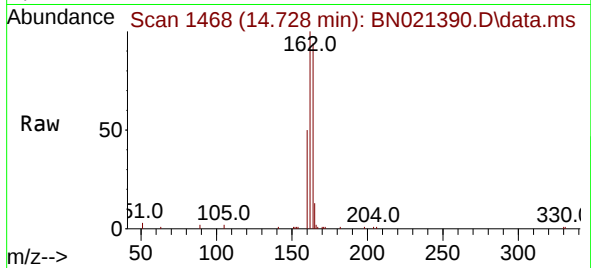




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021390.D
Acq: 26 Aug 2022 18:14

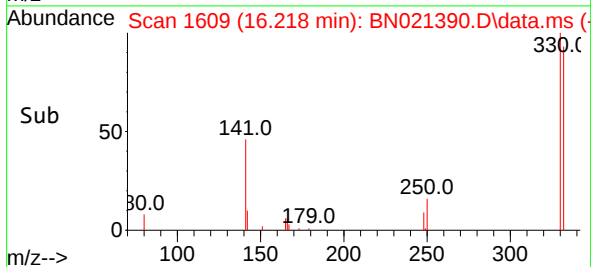
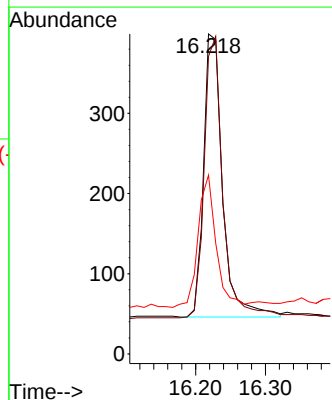
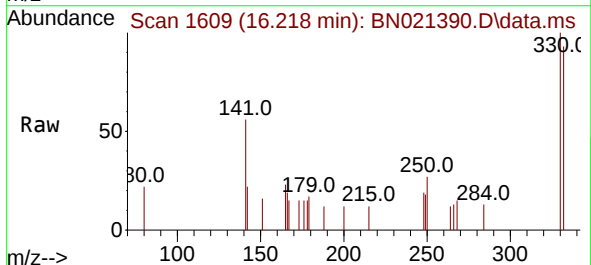
Instrument :
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ClientSampleId :
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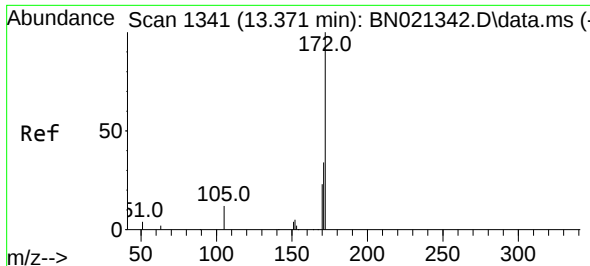
Tgt Ion:164 Resp: 7331
Ion Ratio Lower Upper
164 100
162 105.9 82.2 123.4
160 52.5 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.199 ng
RT: 16.218 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN021390.D
Acq: 26 Aug 2022 18:14

Tgt Ion:330 Resp: 667
Ion Ratio Lower Upper
330 100
332 97.3 79.3 118.9
141 45.0 37.1 55.7

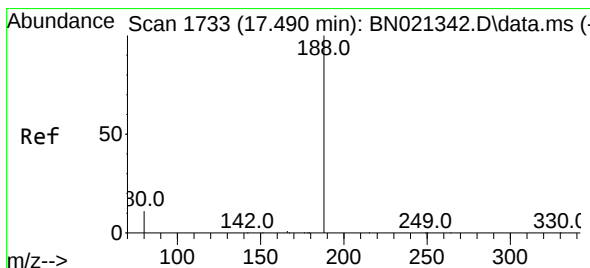
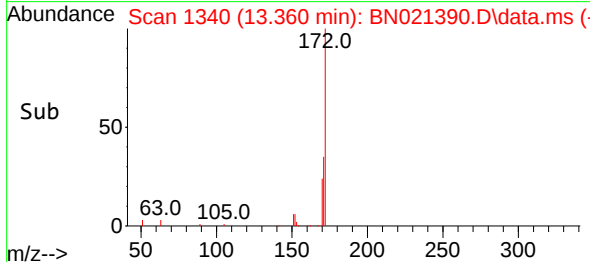
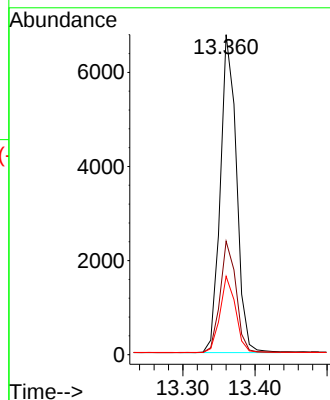
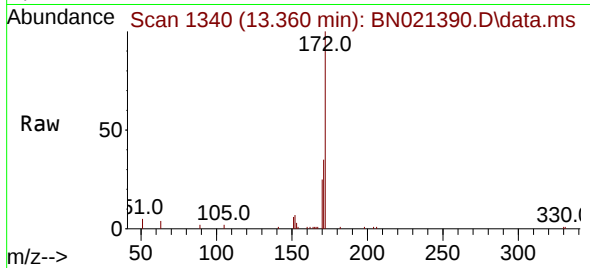




#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021390.D
Acq: 26 Aug 2022 18:14

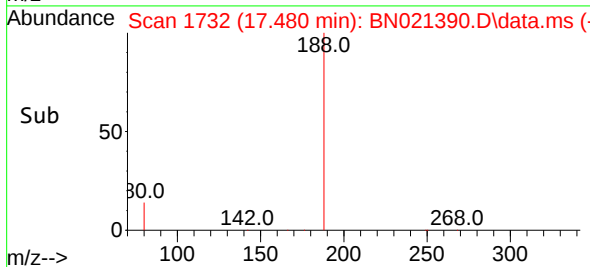
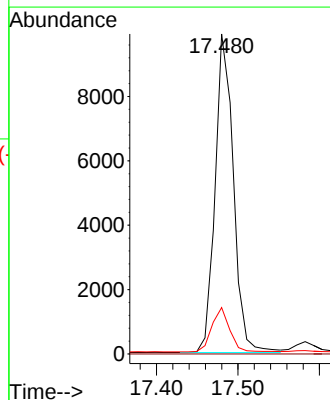
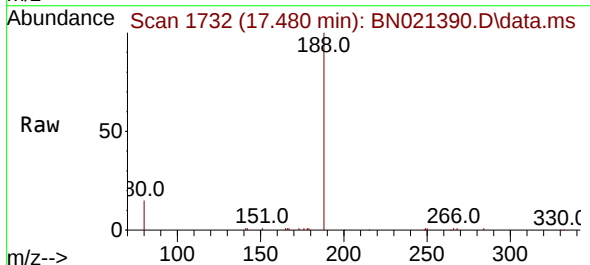
Instrument :
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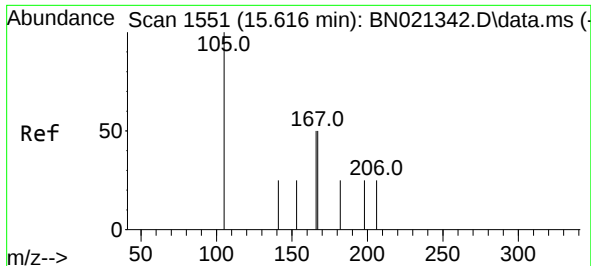
Tgt Ion:172 Resp: 10478
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.6
170 24.5 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021390.D
Acq: 26 Aug 2022 18:14

Tgt Ion:188 Resp: 15367
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 9.5 14.3

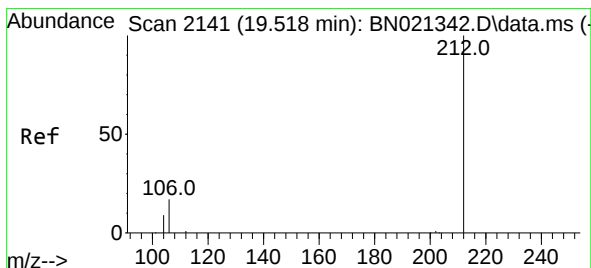
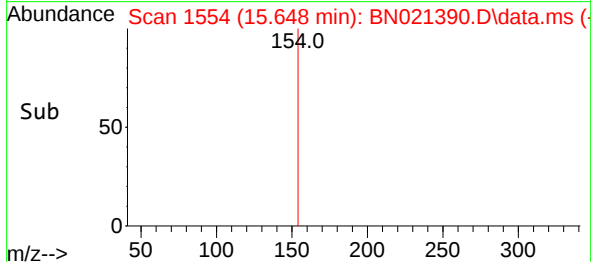
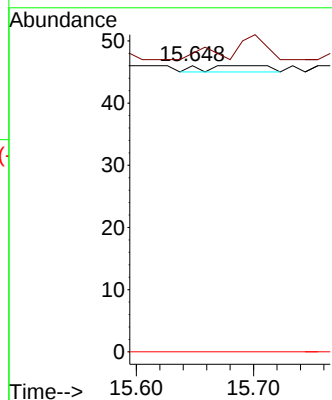
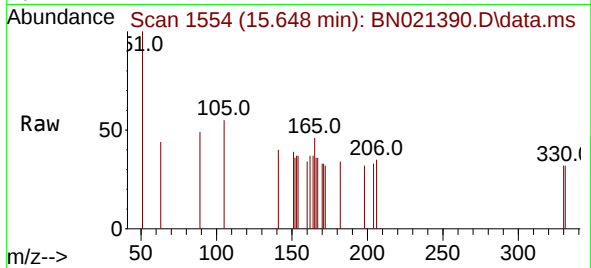




#20
4,6-Dinitro-2-methylphenol
Concen: 0.198 ng
RT: 15.648 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN021390.D
Acq: 26 Aug 2022 18:14

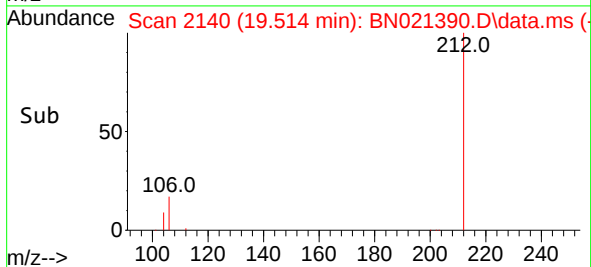
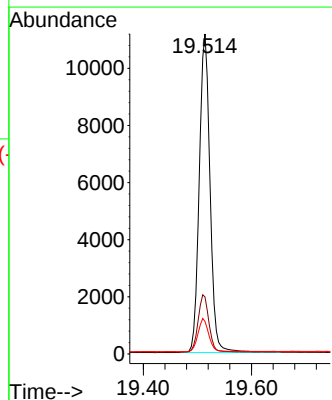
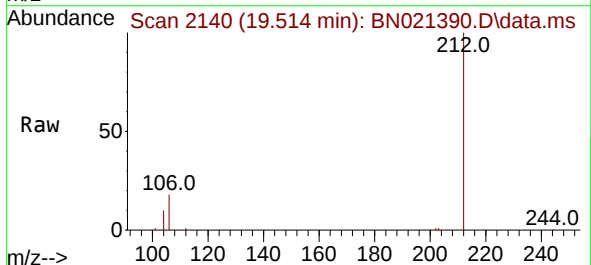
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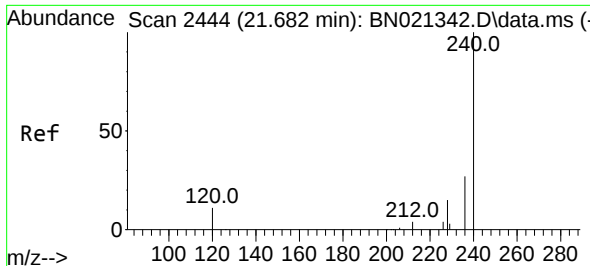
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 104.3 86.6 130.0
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.514 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BN021390.D
Acq: 26 Aug 2022 18:14

Tgt Ion:212 Resp: 15437
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.3 7.8 11.6

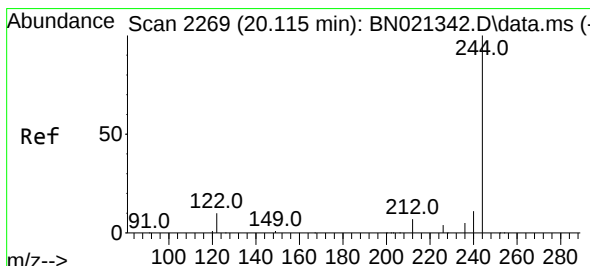
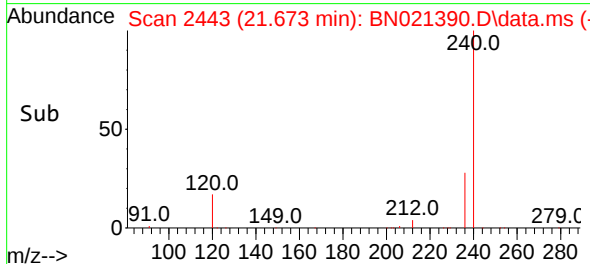
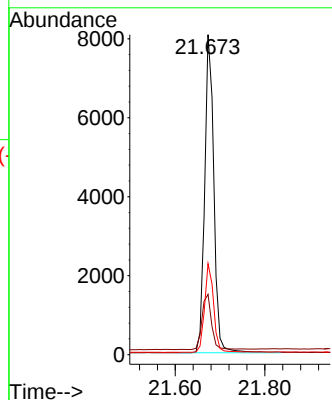
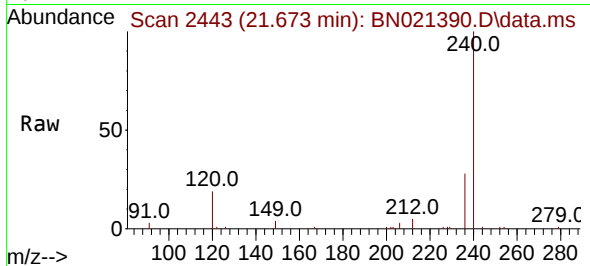




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN021390.D
Acq: 26 Aug 2022 18:14

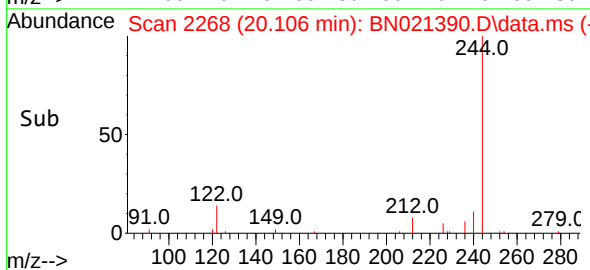
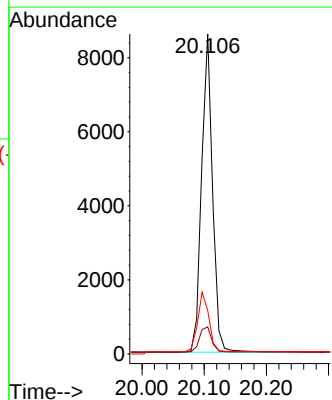
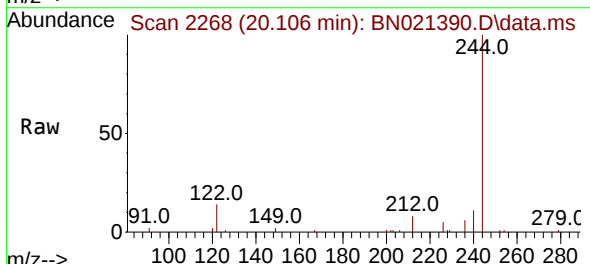
Instrument :
BNA_N
ClientSampleId :
RE108D2-20220818

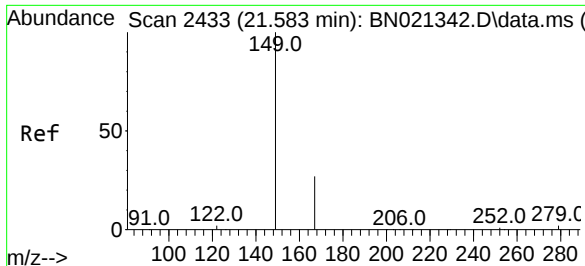
Tgt Ion:240 Resp: 11494
Ion Ratio Lower Upper
240 100
120 18.9 10.2 15.4#
236 28.5 22.1 33.1



#31
Terphenyl-d14
Concen: 0.432 ng
RT: 20.106 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BN021390.D
Acq: 26 Aug 2022 18:14

Tgt Ion:244 Resp: 10501
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 13.6 9.1 13.7

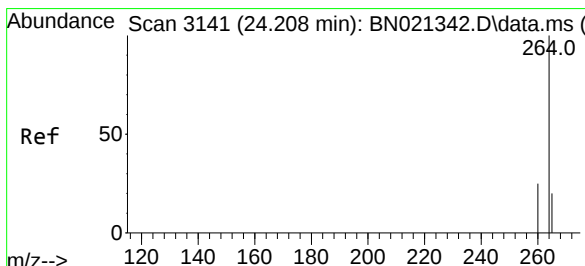
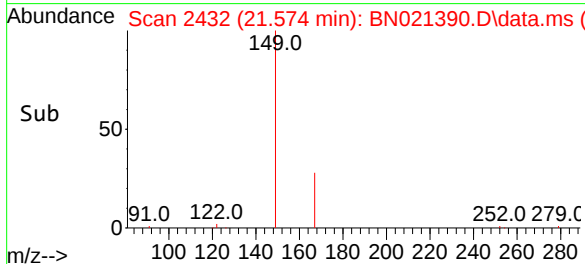
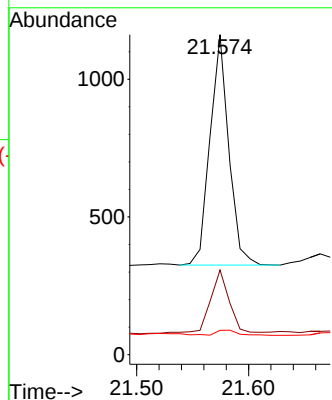
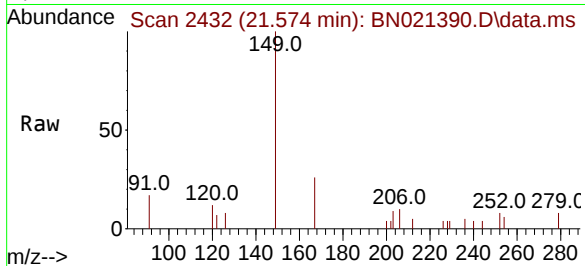




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.574 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN021390.D
 Acq: 26 Aug 2022 18:14

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20220818

Tgt Ion:149 Resp: 975
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.4 32.0
 279 2.7 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.203 min Scan# 3139
 Delta R.T. -0.000 min
 Lab File: BN021390.D
 Acq: 26 Aug 2022 18:14

Tgt Ion:264 Resp: 8731
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.0 31.6
 265 37.2 32.2 48.2

