

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062822\
 Data File : BN020560.D
 Acq On : 29 Jun 2022 08:47
 Operator : CG/JU
 Sample : N3457-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20220620

Quant Time: Jun 29 13:56:56 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 02:03:21 2022
 Response via : Initial Calibration

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

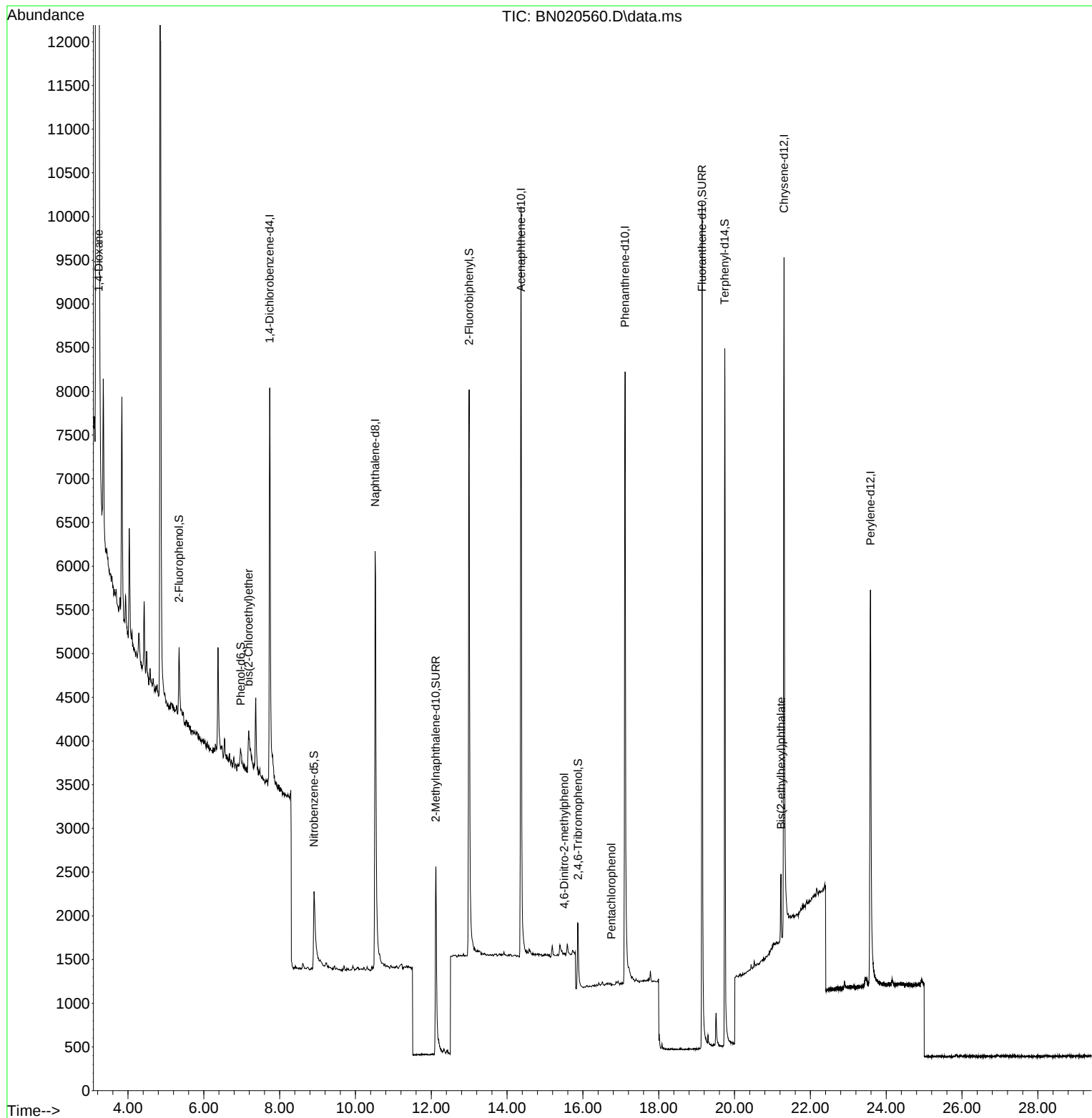
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2974	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	9029	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	5584	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	12450	0.400	ng	0.00
29) Chrysene-d12	21.306	240	9600	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	7682	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	877	0.106	ng	0.00
5) Phenol-d6	6.973	99	471	0.048	ng	0.03
8) Nitrobenzene-d5	8.907	82	1592	0.218	ng	0.01
11) 2-Methylnaphthalene-d10	12.121	152	4422	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.872	330	548	0.260	ng	0.01
15) 2-Fluorobiphenyl	12.998	172	7512	0.326	ng	0.00
27) Fluoranthene-d10	19.143	212	12290	0.332	ng	0.00
31) Terphenyl-d14	19.742	244	10071	0.439	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.225	88	13803	3.541	ng	93
6) bis(2-Chloroethyl)ether	7.183	93	396	0.047	ng	93
20) 4,6-Dinitro-2-methylph...	15.511	198	1	0.226	ng	# 1
24) Pentachlorophenol	16.754	266	7	0.187	ng	# 38
34) Bis(2-ethylhexyl)phtha...	21.225	149	831	0.043	ng	# 95

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

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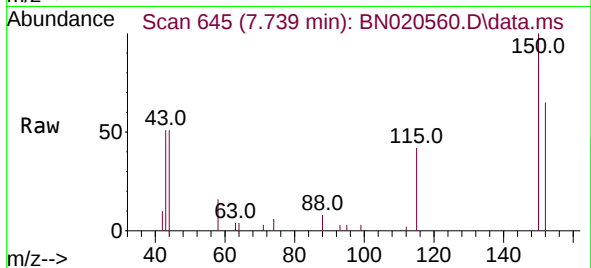
Quant Time: Jun 29 13:56:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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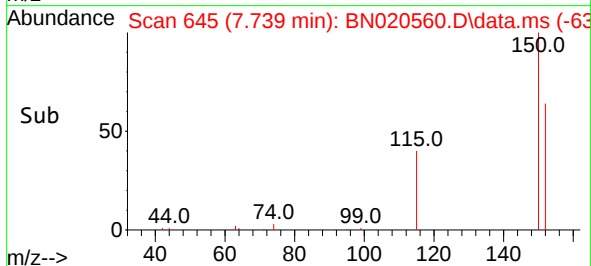
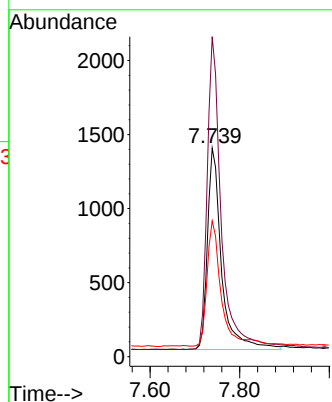
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 645
Delta R.T. -0.000 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 2974

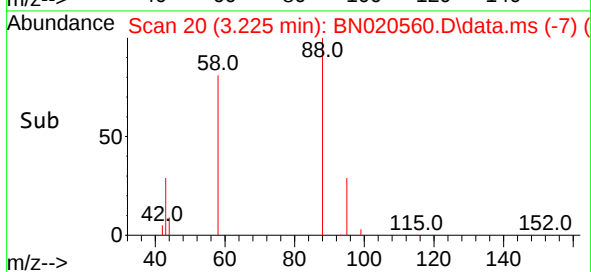
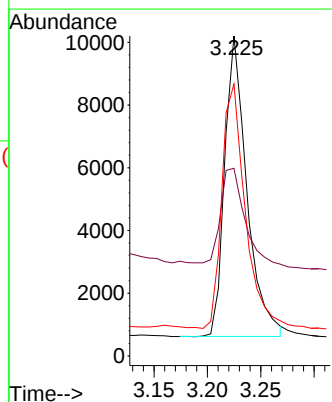
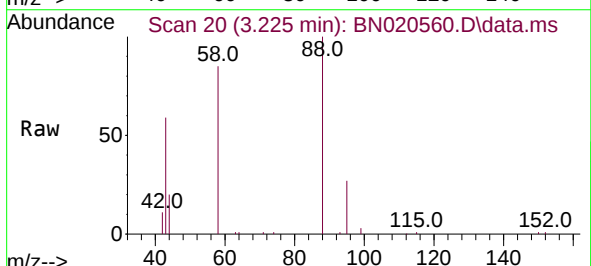
Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.9	191.9
115	65.1	51.4	77.2



#2
1,4-Dioxane
Concen: 3.541 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.007 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

Tgt Ion: 88 Resp: 13803

Ion	Ratio	Lower	Upper
88	100		
43	34.0	30.2	45.2
58	84.5	73.0	109.6

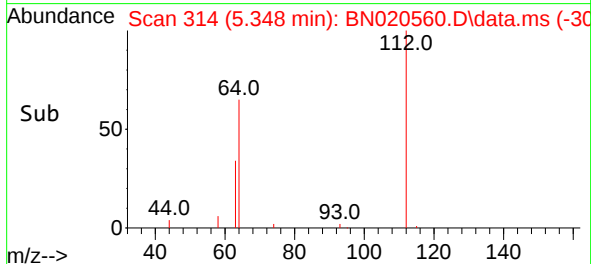
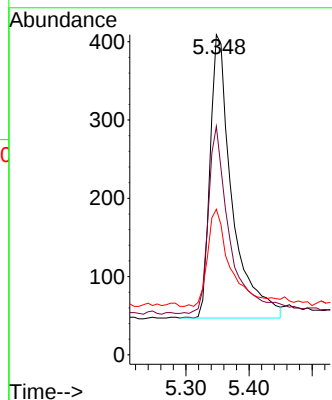
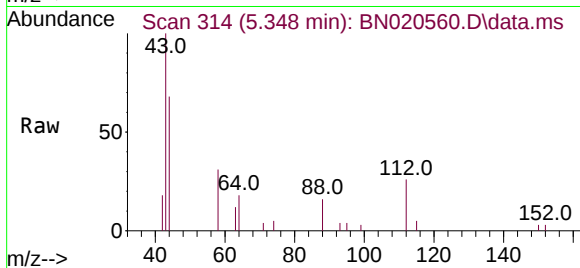




#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

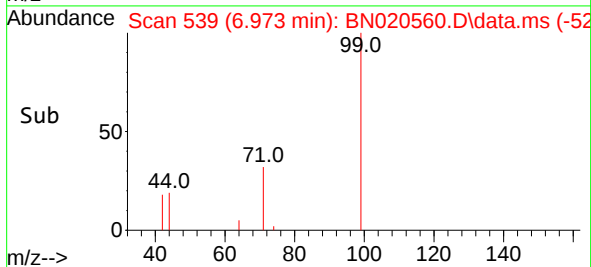
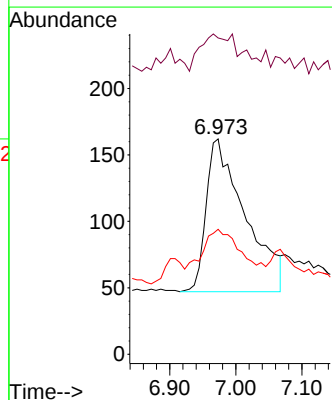
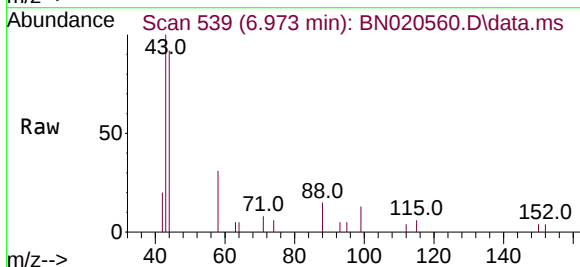
Instrument :
BNA_N
ClientSampleId :
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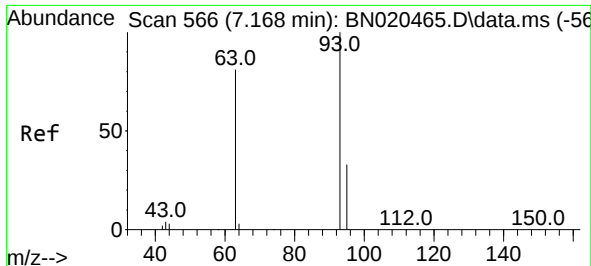
Tgt Ion:112 Resp: 877
Ion Ratio Lower Upper
112 100
64 64.5 49.1 73.7
63 37.7 26.3 39.5



#5
Phenol-d6
Concen: 0.048 ng
RT: 6.973 min Scan# 539
Delta R.T. 0.029 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

Tgt Ion: 99 Resp: 471
Ion Ratio Lower Upper
99 100
42 24.8 19.3 28.9
71 27.6 27.5 41.3

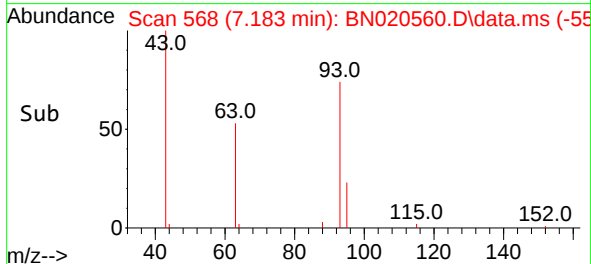
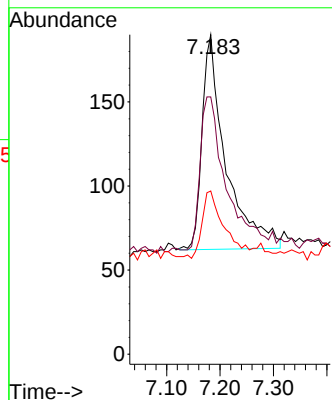
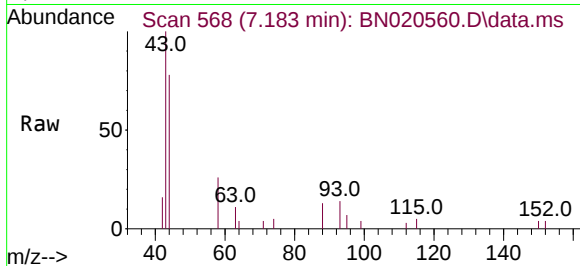




#6
bis(2-Chloroethyl)ether
Concen: 0.047 ng
RT: 7.183 min Scan# 568
Delta R.T. 0.014 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

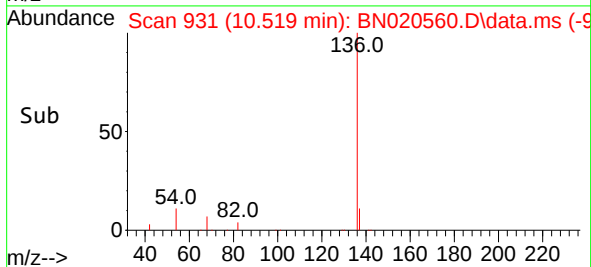
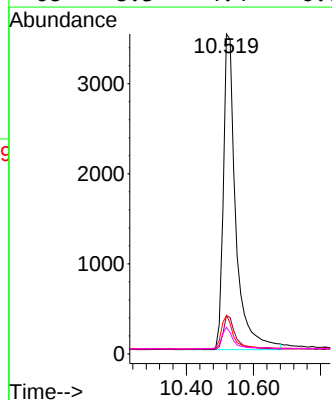
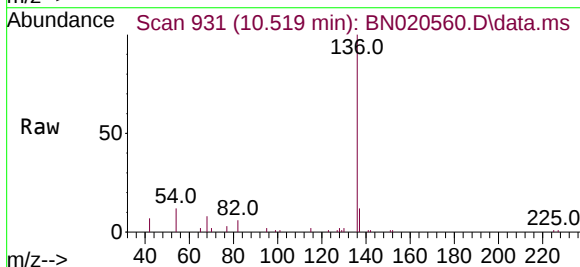
Instrument :
BNA_N
ClientSampleId :
RE115D1-20220620

Tgt Ion: 93 Resp: 396
Ion Ratio Lower Upper
93 100
63 78.3 67.4 101.0
95 27.5 26.5 39.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.000 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

Tgt Ion: 136 Resp: 9029
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 12.1 6.2 9.2#
68 8.3 4.4 6.6#

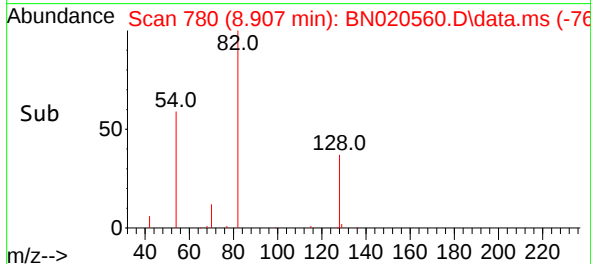
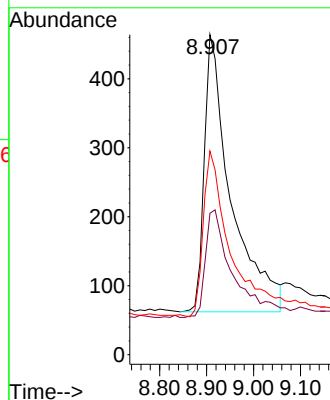
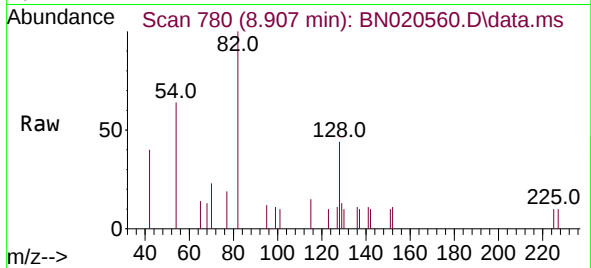




#8
Nitrobenzene-d5
Concen: 0.218 ng
RT: 8.907 min Scan# 779
Delta R.T. 0.011 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

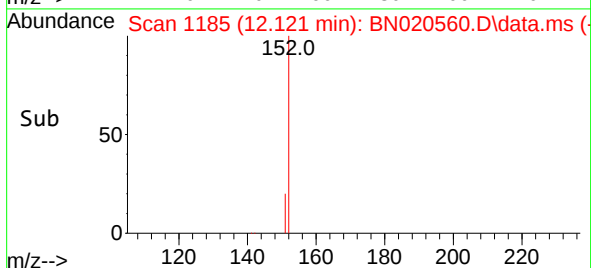
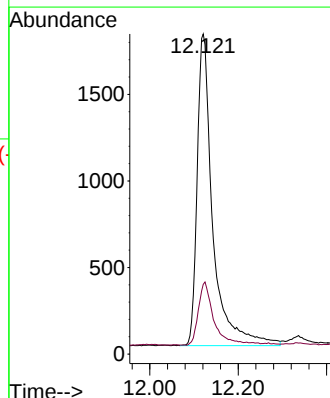
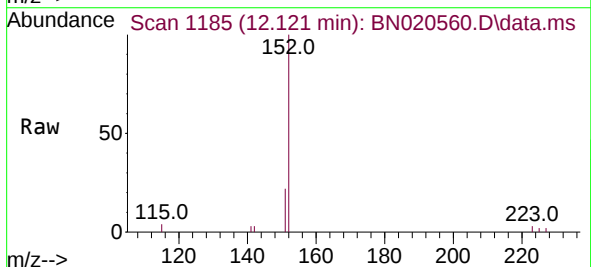
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ClientSampleId :
RE115D1-20220620

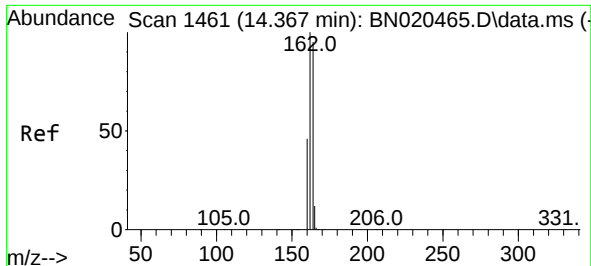
Tgt Ion: 82 Resp: 1592
Ion Ratio Lower Upper
82 100
128 44.2 35.0 52.6
54 63.6 46.2 69.4



#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.121 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

Tgt Ion: 152 Resp: 4422
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4

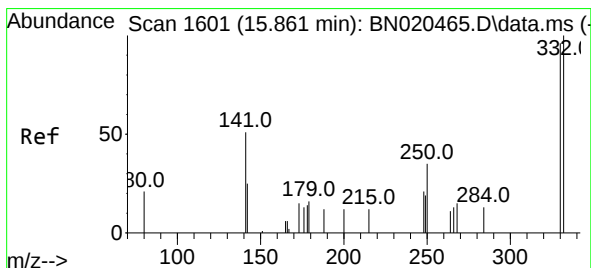
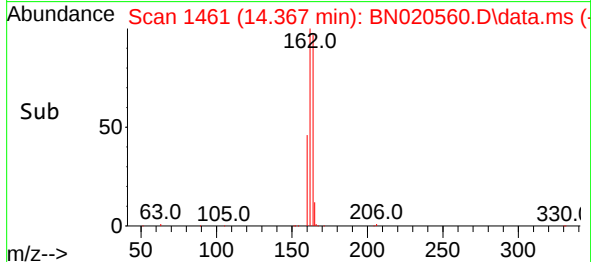
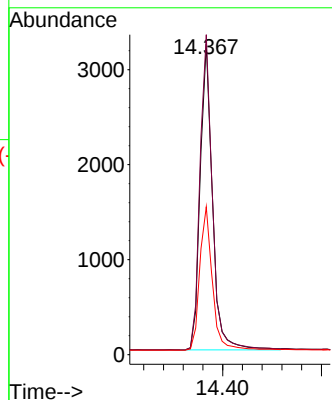
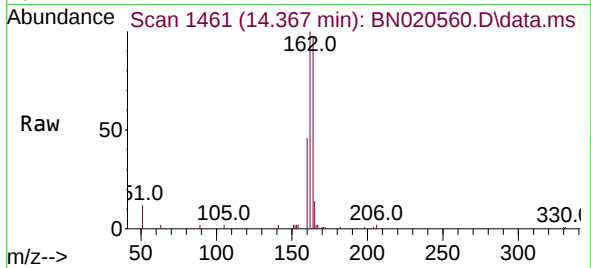




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

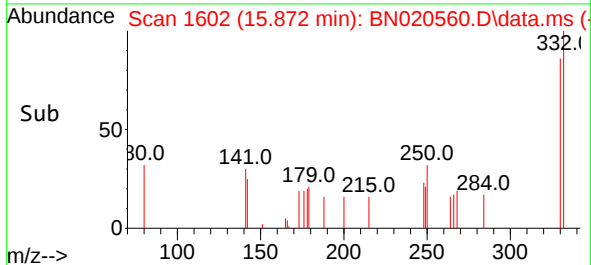
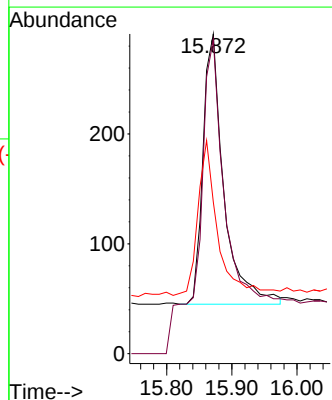
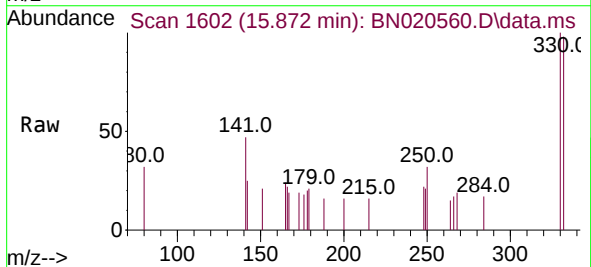
Instrument :
BNA_N
ClientSampleId :
RE115D1-20220620

Tgt Ion:164 Resp: 5584
Ion Ratio Lower Upper
164 100
162 103.0 82.1 123.1
160 47.6 38.6 58.0



#14
2,4,6-Tribromophenol
Concen: 0.260 ng
RT: 15.872 min Scan# 1602
Delta R.T. 0.010 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

Tgt Ion:330 Resp: 548
Ion Ratio Lower Upper
330 100
332 175.5 77.6 116.4#
141 53.6 41.0 61.4

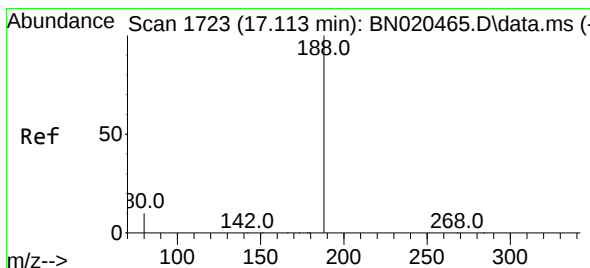
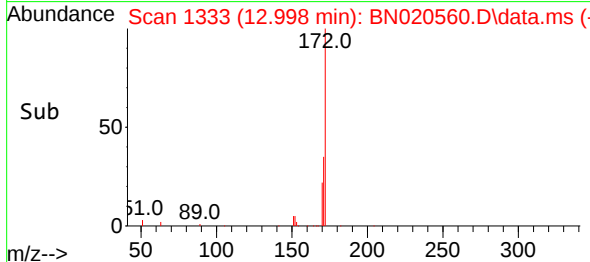
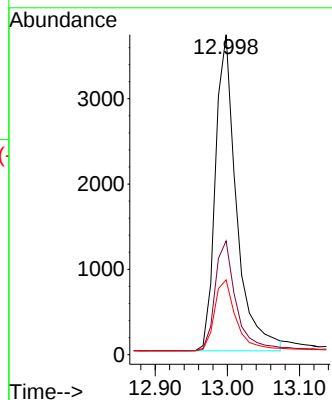
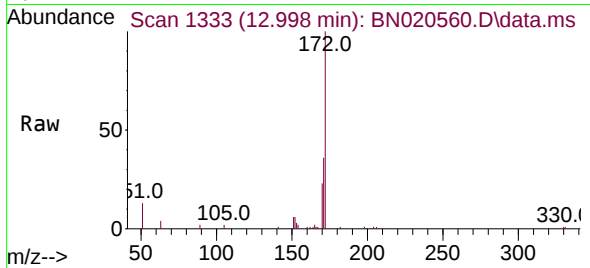




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

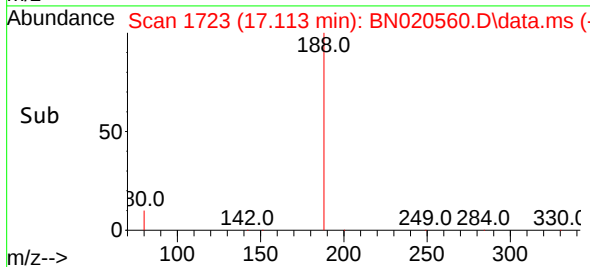
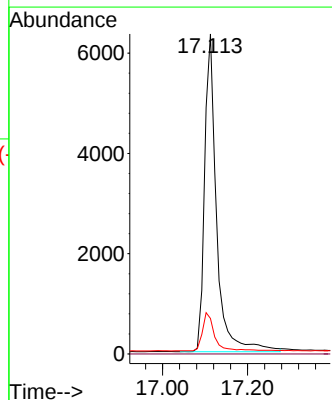
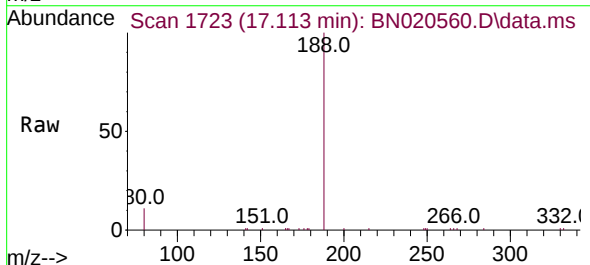
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BNA_N
ClientSampleId :
RE115D1-20220620

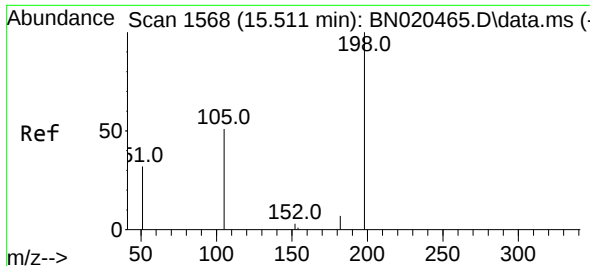
Tgt Ion:172 Resp: 7512
Ion Ratio Lower Upper
172 100
171 35.5 27.2 40.8
170 23.4 18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

Tgt Ion:188 Resp: 12450
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 7.4 11.2

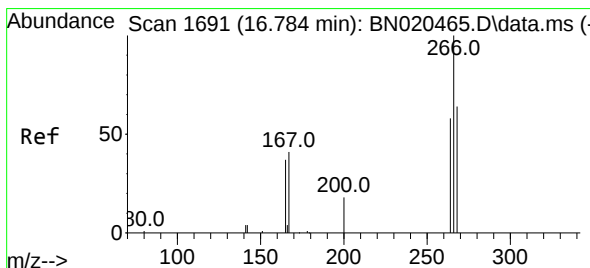
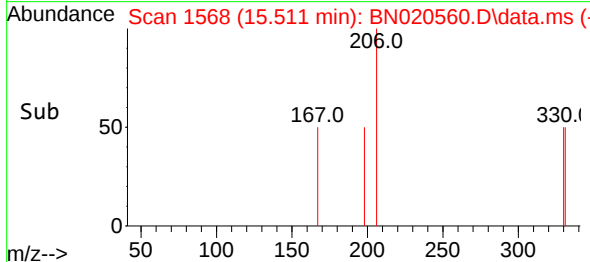
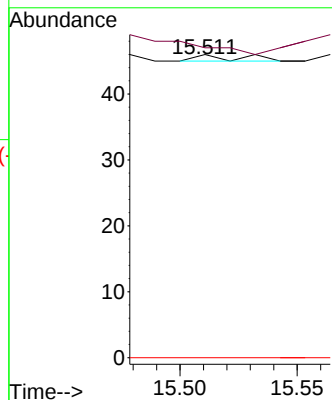
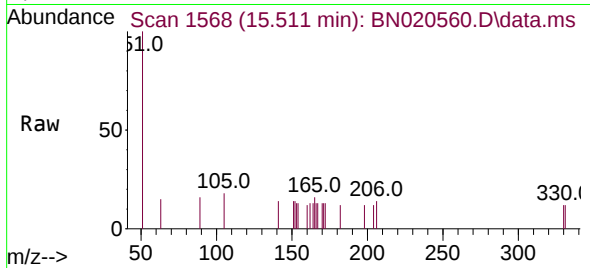




#20
4,6-Dinitro-2-methylphenol
Concen: 0.226 ng
RT: 15.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

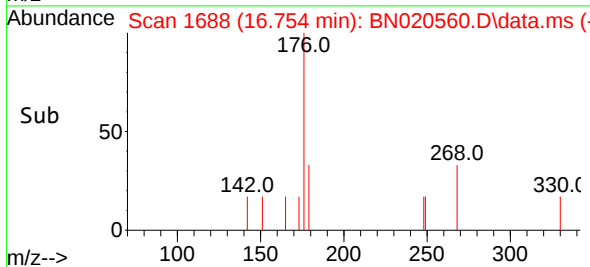
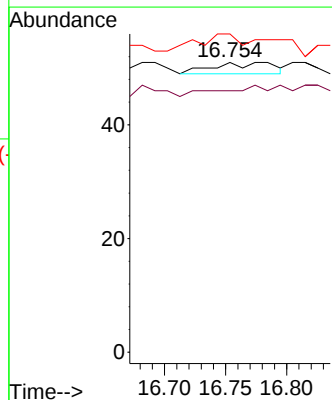
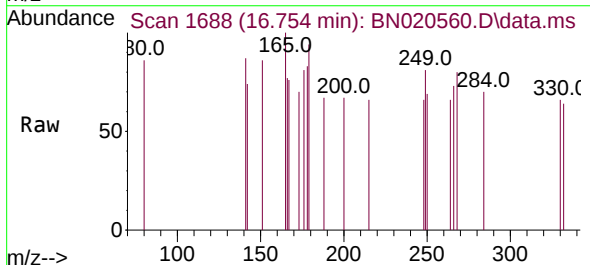
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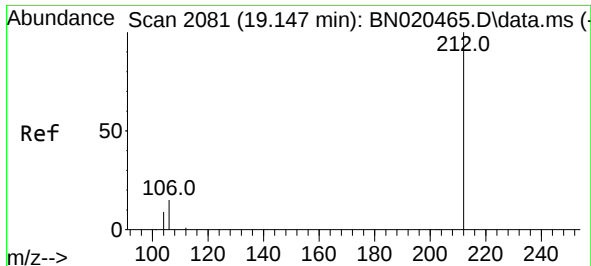
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 102.2 12.1 18.1#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.187 ng
RT: 16.754 min Scan# 1688
Delta R.T. -0.030 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

Tgt Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
264 0.0 51.3 76.9#
268 100.0 52.6 79.0#

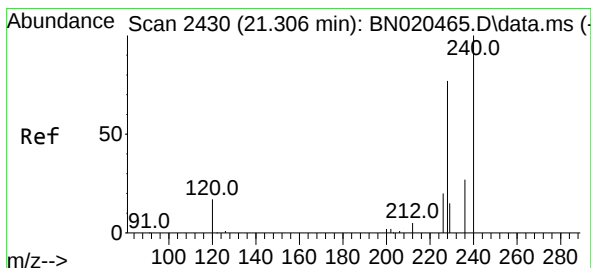
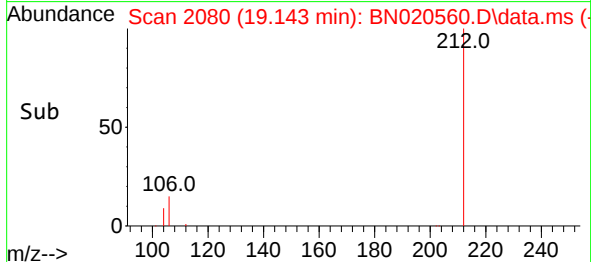
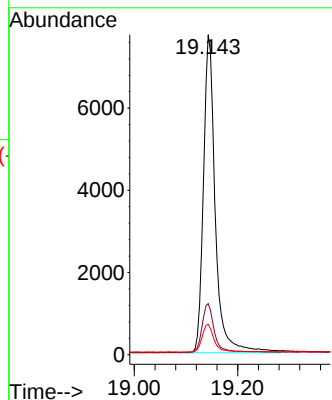
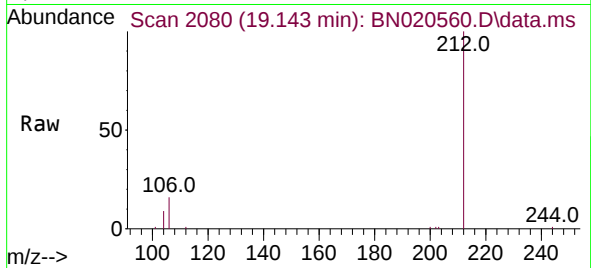




#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.143 min Scan# 2081
Delta R.T. -0.004 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

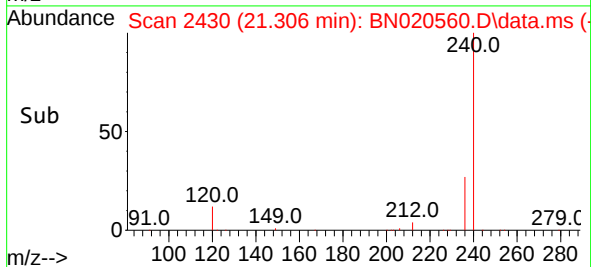
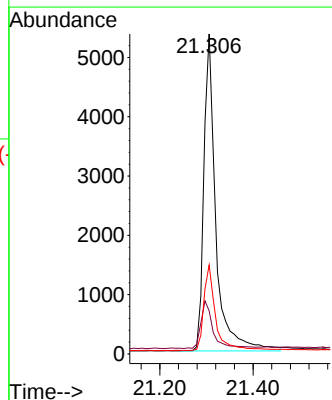
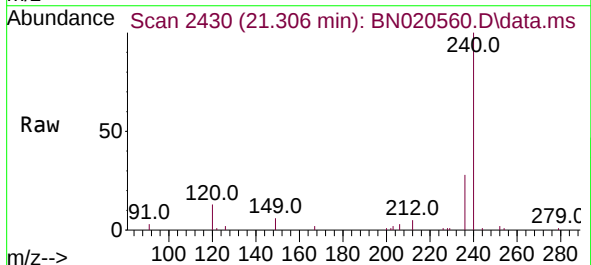
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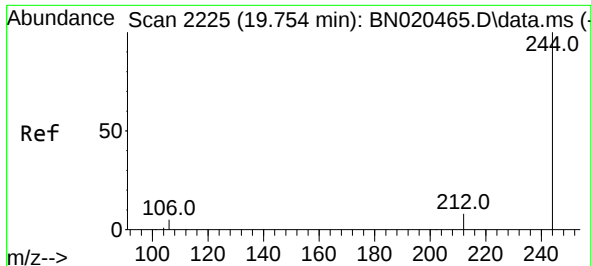
Tgt Ion:212 Resp: 12290
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 8.8 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN020560.D
Acq: 29 Jun 2022 08:47

Tgt Ion:240 Resp: 9600
Ion Ratio Lower Upper
240 100
120 13.5 14.6 21.8#
236 27.8 22.6 33.8

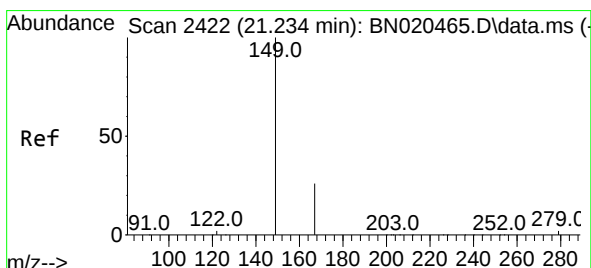
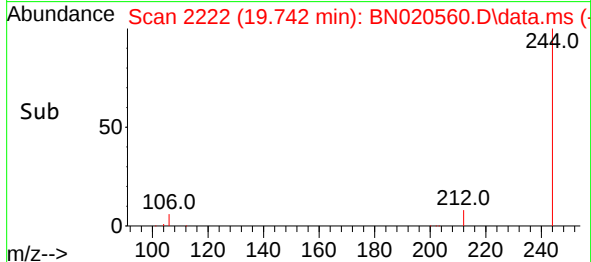
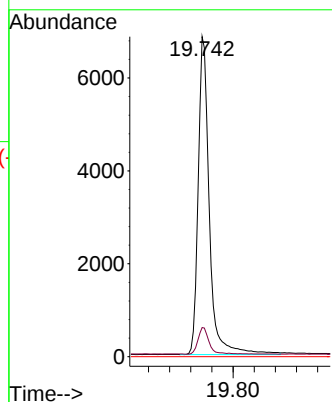
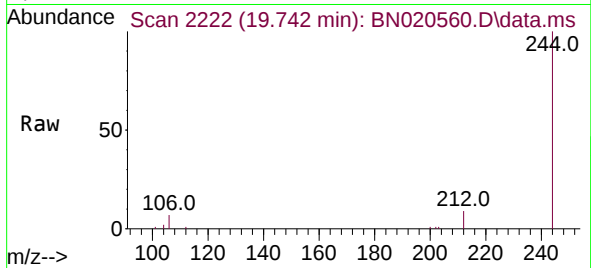




#31
 Terphenyl-d14
 Concen: 0.439 ng
 RT: 19.742 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BN020560.D
 Acq: 29 Jun 2022 08:47

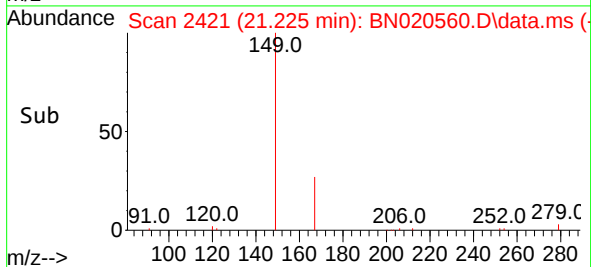
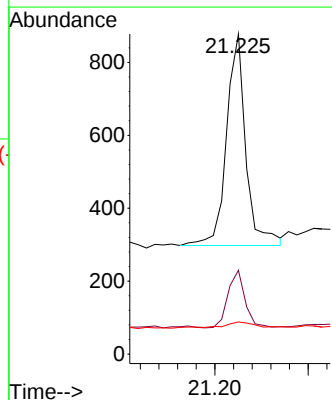
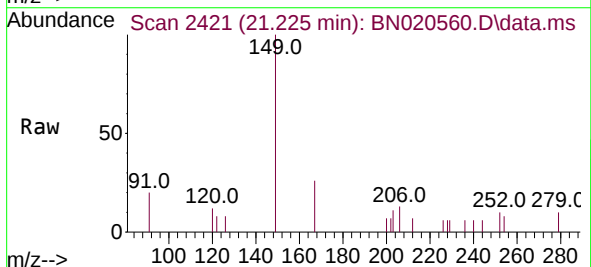
Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20220620

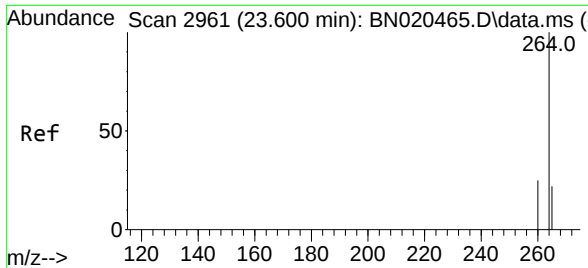
Tgt Ion:244 Resp: 10071
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.1 10.7
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.043 ng
 RT: 21.225 min Scan# 2421
 Delta R.T. -0.009 min
 Lab File: BN020560.D
 Acq: 29 Jun 2022 08:47

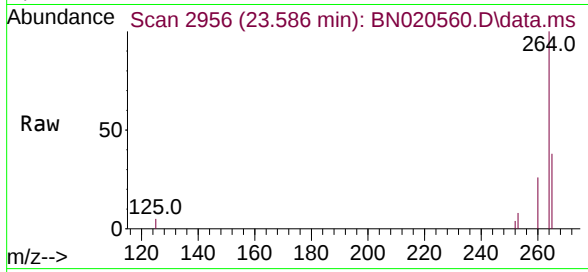
Tgt Ion:149 Resp: 831
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.7 32.5
 279 5.5 2.2 3.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 2956
 Delta R.T. -0.015 min
 Lab File: BN020560.D
 Acq: 29 Jun 2022 08:47

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20220620



Tgt Ion:264 Resp: 7682

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.9	31.3
265	38.3	28.0	42.0

