

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019078.D
 Acq On : 23 Mar 2022 05:07
 Operator : CG/JU
 Sample : N2041-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20220317

Quant Time: Mar 23 05:51:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

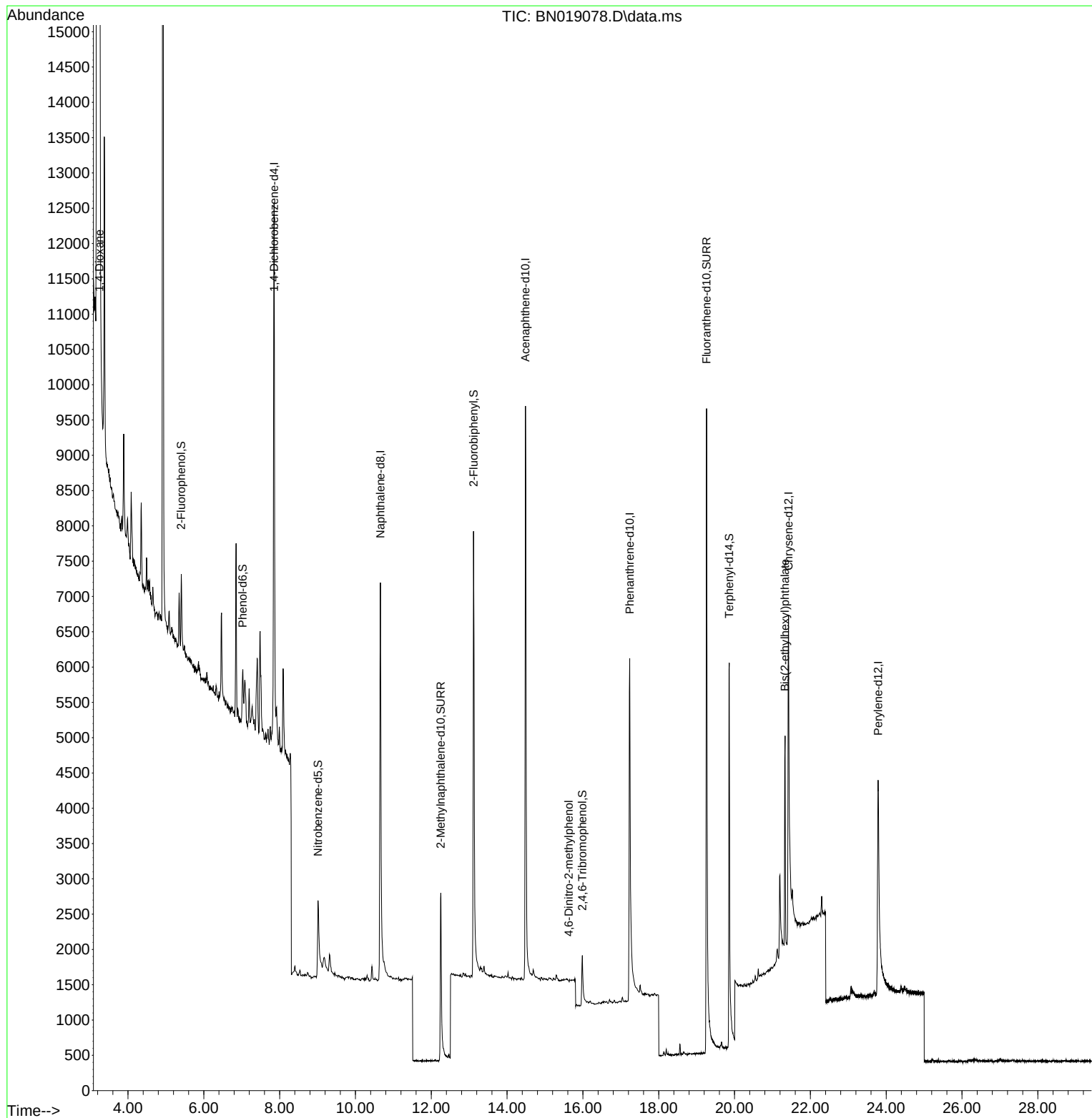
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3981	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9851	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	5691	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	11036	0.400	ng	0.00
29) Chrysene-d12	21.422	240	9019	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	7335	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	1001	0.112	ng	0.00
5) Phenol-d6	7.024	99	466	0.050	ng	0.01
8) Nitrobenzene-d5	9.014	82	1718	0.242	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	4752	0.291	ng	0.00
14) 2,4,6-Tribromophenol	15.985	330	629	0.229	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	6905	0.303	ng	-0.01
27) Fluoranthene-d10	19.261	212	14071	0.430	ng	0.00
31) Terphenyl-d14	19.860	244	8215	0.371	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	28361	5.764	ng	Qvalue 96
20) 4,6-Dinitro-2-methylph...	15.629	198	1	0.110	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.333	149	2955	0.160	ng	# 100

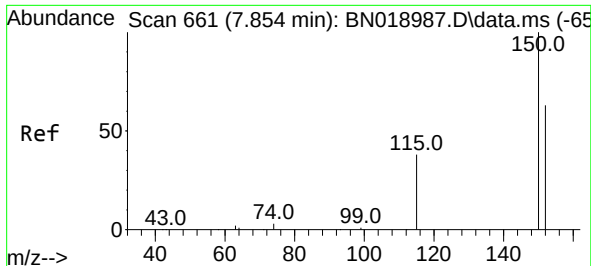
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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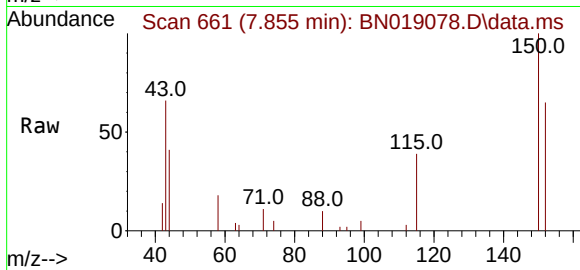
Quant Time: Mar 23 05:51:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
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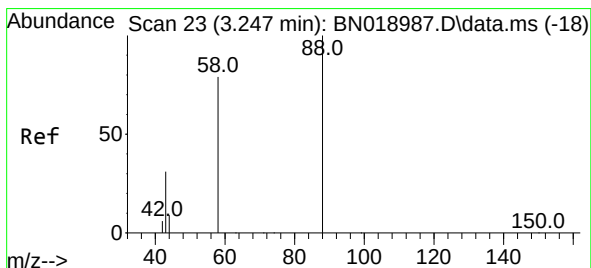
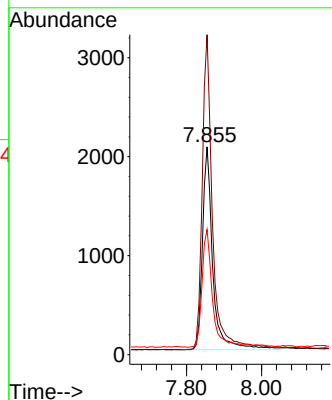
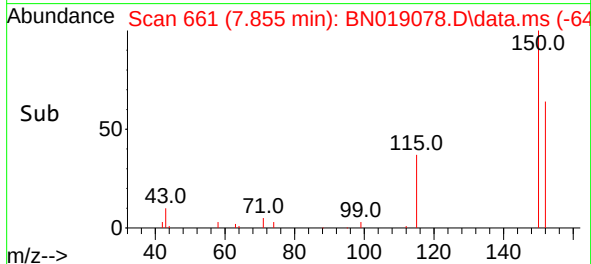


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.855 min Scan# 661
 Delta R.T. 0.001 min
 Lab File: BN019078.D
 Acq: 23 Mar 2022 05:07

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20220317

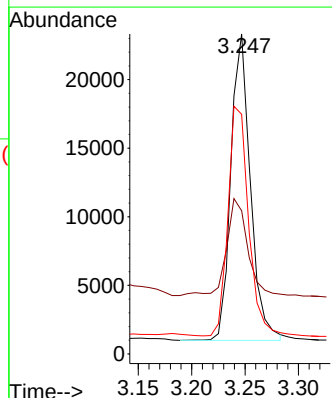
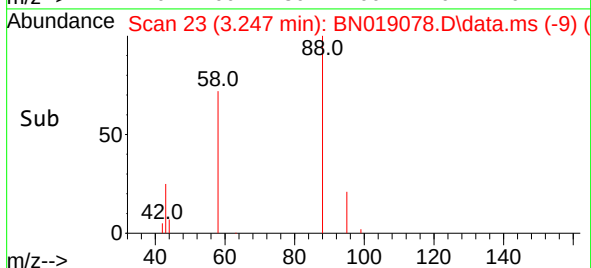
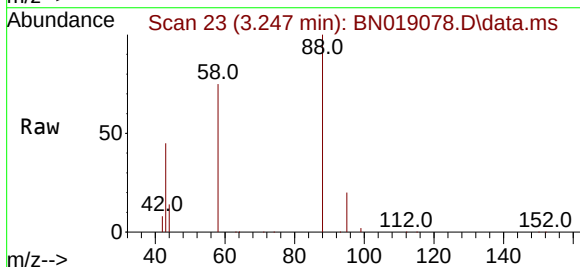


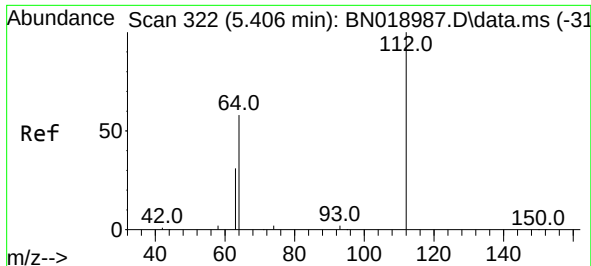
Tgt Ion:152 Resp: 3981
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.9 185.9
 115 60.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 5.764 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN019078.D
 Acq: 23 Mar 2022 05:07

Tgt Ion: 88 Resp: 28361
 Ion Ratio Lower Upper
 88 100
 43 33.9 24.6 37.0
 58 79.2 65.4 98.2

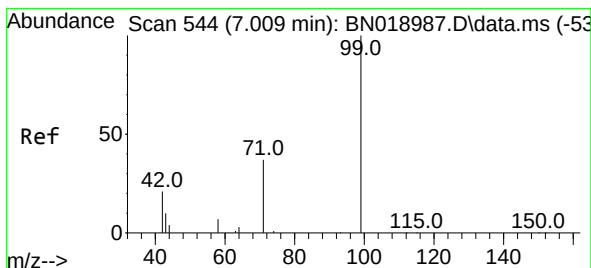
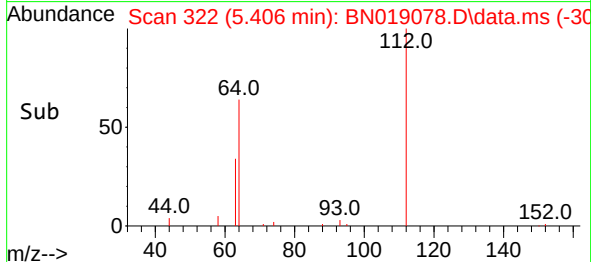
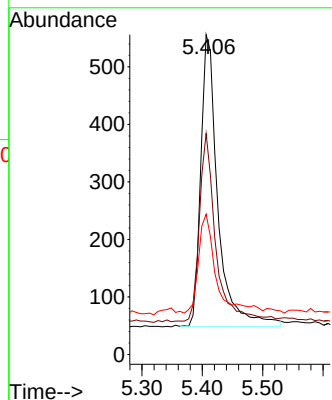
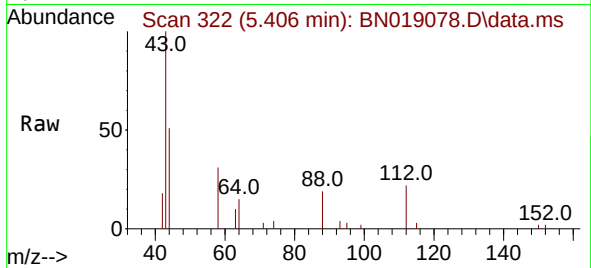




#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019078.D
Acq: 23 Mar 2022 05:07

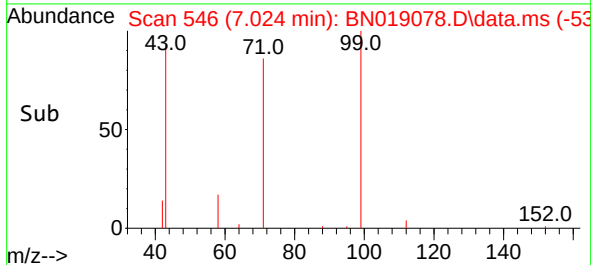
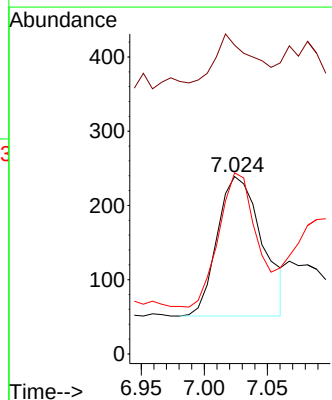
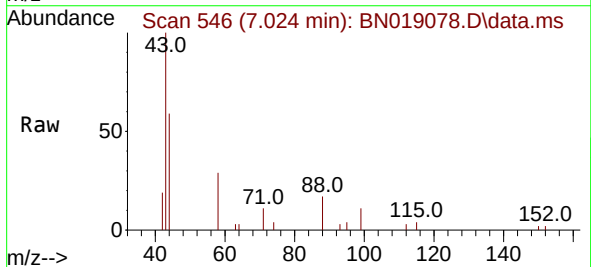
Instrument :
BNA_N
ClientSampleId :
RE103D1-20220317

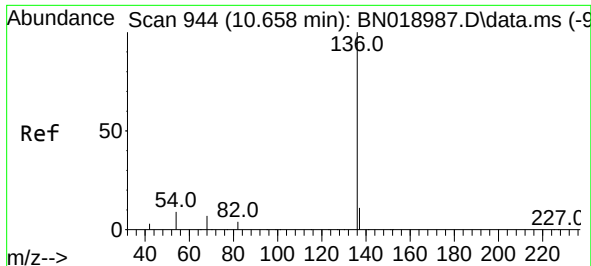
Tgt Ion:112 Resp: 1001
Ion Ratio Lower Upper
112 100
64 61.1 47.8 71.8
63 34.8 25.7 38.5



#5
Phenol-d6
Concen: 0.050 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.015 min
Lab File: BN019078.D
Acq: 23 Mar 2022 05:07

Tgt Ion: 99 Resp: 466
Ion Ratio Lower Upper
99 100
42 27.5 16.2 24.4#
71 79.0 27.7 41.5#

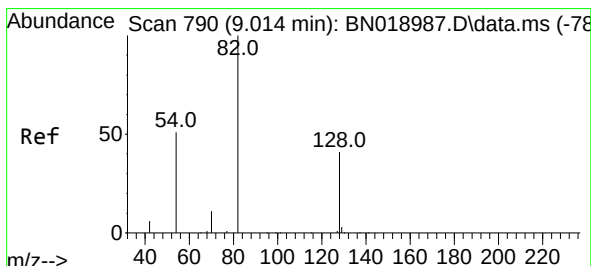
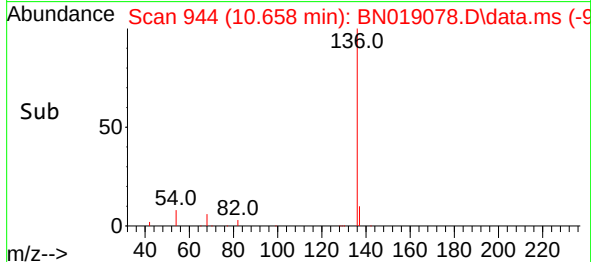
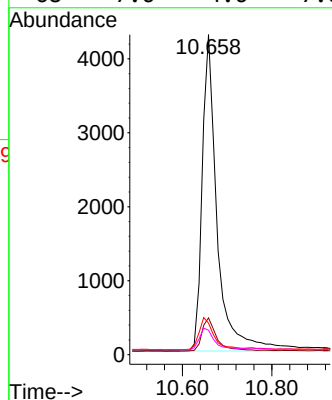
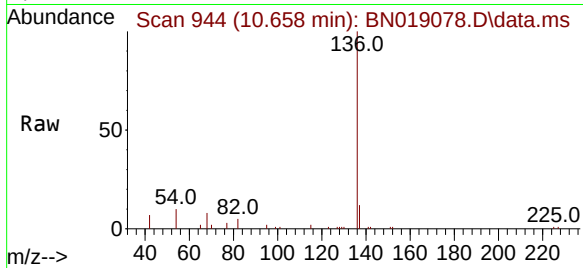




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019078.D
Acq: 23 Mar 2022 05:07

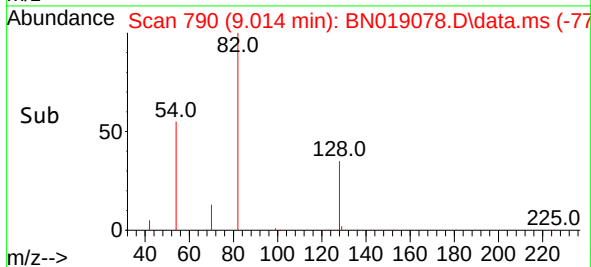
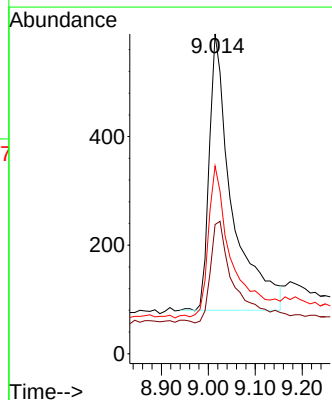
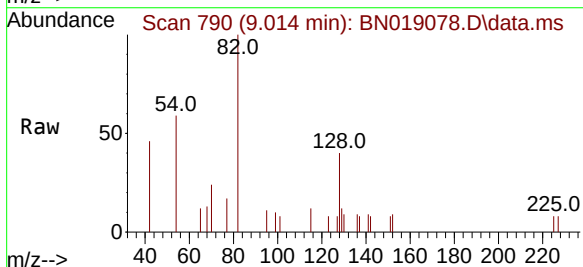
Instrument :
BNA_N
ClientSampleId :
RE103D1-20220317

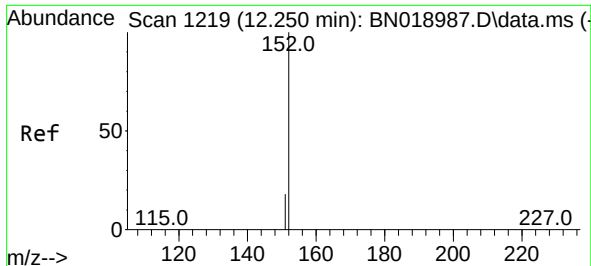
Tgt Ion:	136	Resp:	9851
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.9	5.8	8.6#
68	7.6	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019078.D
Acq: 23 Mar 2022 05:07

Tgt Ion:	82	Resp:	1718
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.0	49.6
54	58.7	42.5	63.7

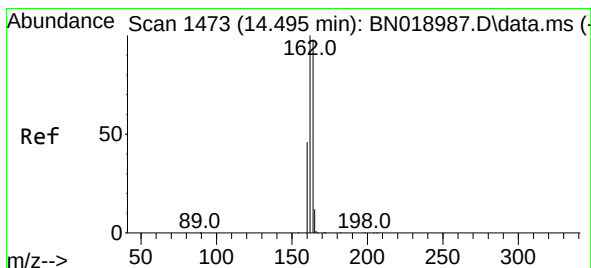
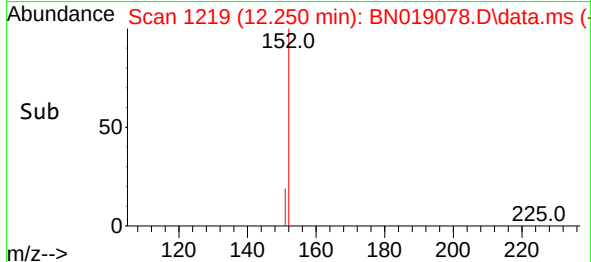
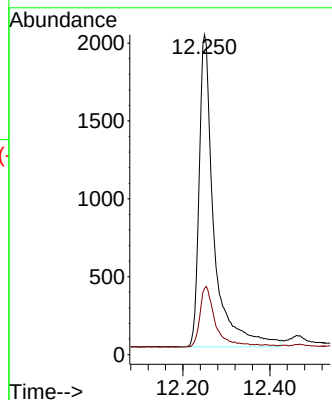
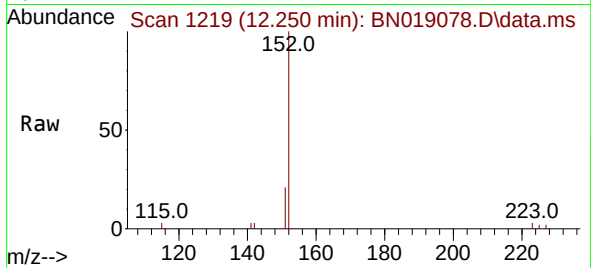




#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.250 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN019078.D
Acq: 23 Mar 2022 05:07

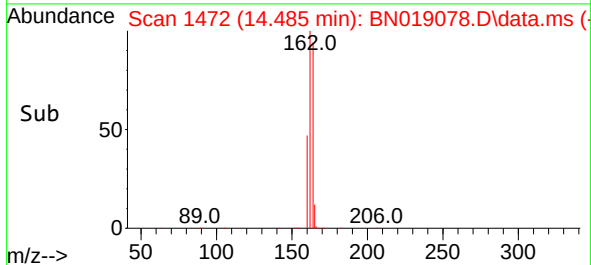
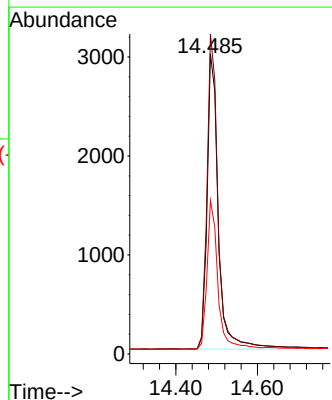
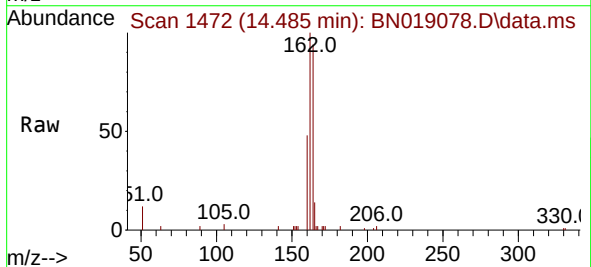
Instrument :
BNA_N
ClientSampleId :
RE103D1-20220317

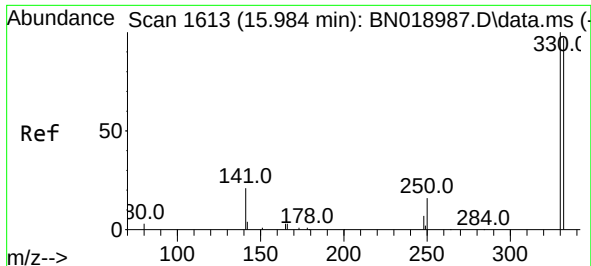
Tgt Ion:152 Resp: 4752
Ion Ratio Lower Upper
152 100
151 19.7 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019078.D
Acq: 23 Mar 2022 05:07

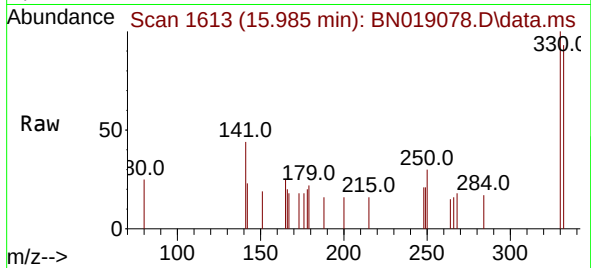
Tgt Ion:164 Resp: 5691
Ion Ratio Lower Upper
164 100
162 106.6 85.2 127.8
160 51.2 41.5 62.3



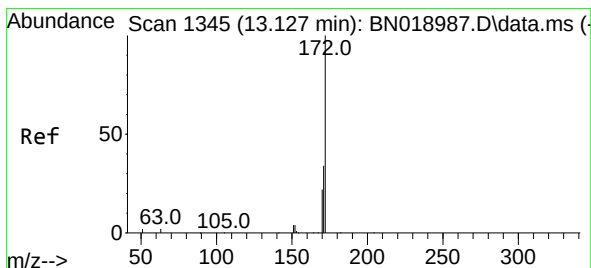
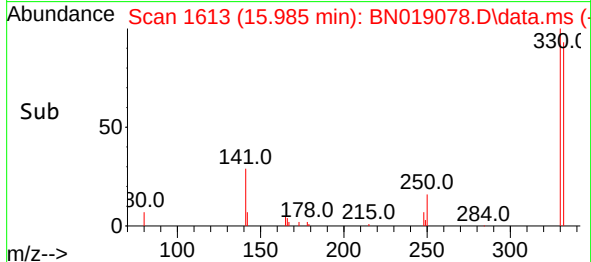
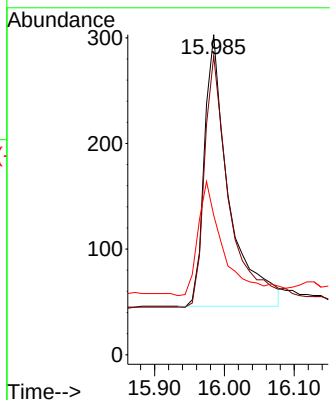


#14
 2,4,6-Tribromophenol
 Concen: 0.229 ng
 RT: 15.985 min Scan# 1613
 Delta R.T. 0.000 min
 Lab File: BN019078.D
 Acq: 23 Mar 2022 05:07

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20220317

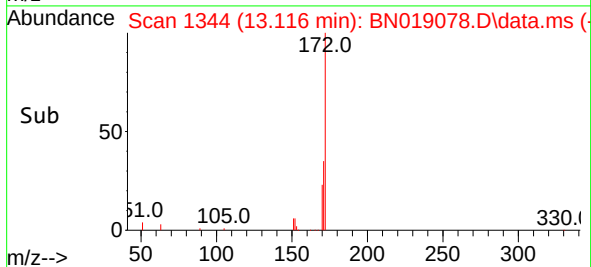
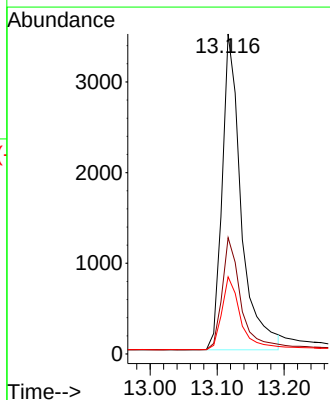
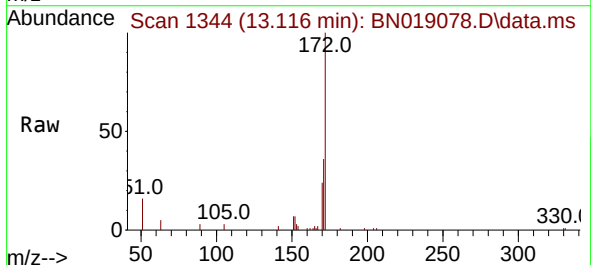


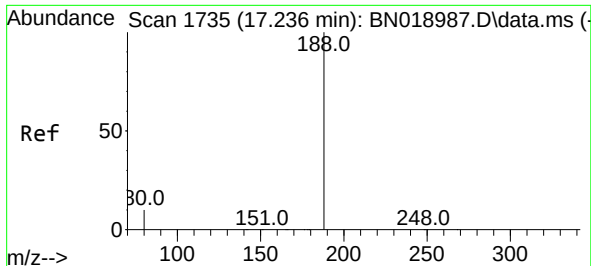
Tgt Ion:330 Resp: 629
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.8 115.2
 141 43.9 32.2 48.2



#15
 2-Fluorobiphenyl
 Concen: 0.303 ng
 RT: 13.116 min Scan# 1344
 Delta R.T. -0.011 min
 Lab File: BN019078.D
 Acq: 23 Mar 2022 05:07

Tgt Ion:172 Resp: 6905
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.2 42.2
 170 24.1 18.7 28.1

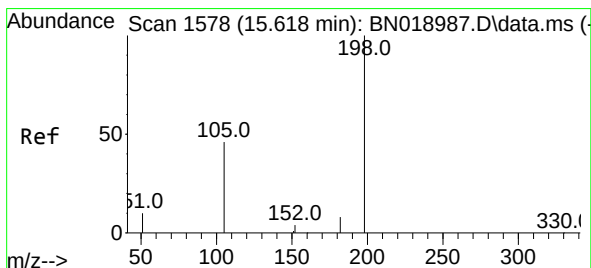
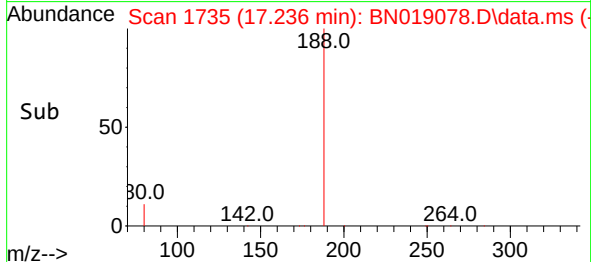
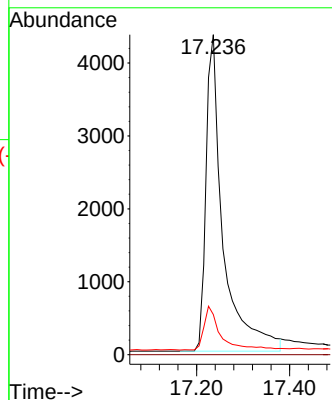
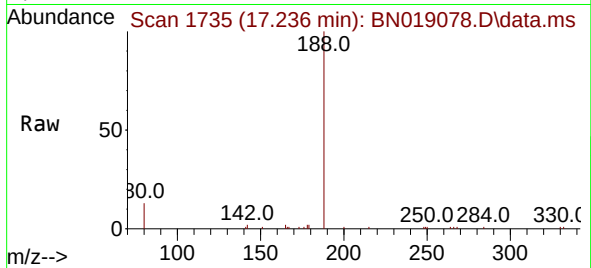




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019078.D
Acq: 23 Mar 2022 05:07

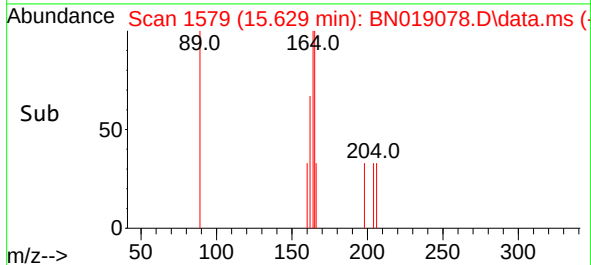
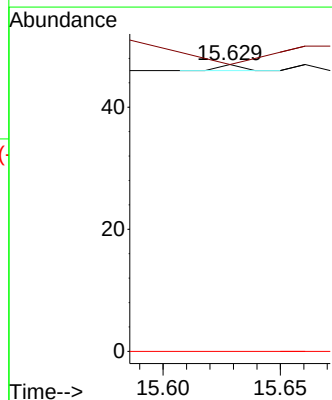
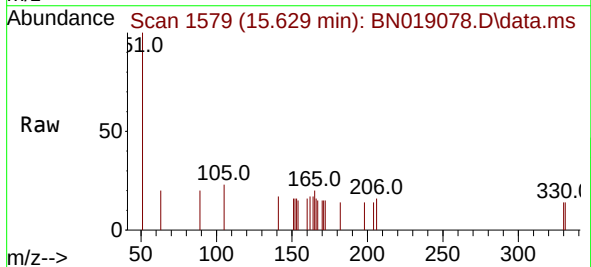
Instrument :
BNA_N
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RE103D1-20220317

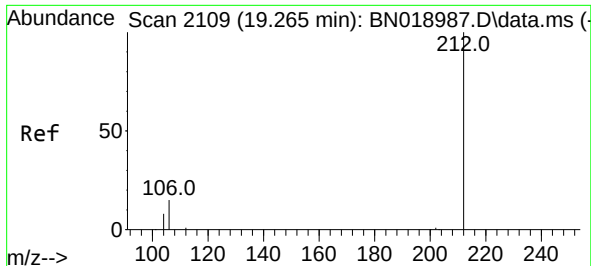
Tgt Ion:188 Resp: 11036
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 11.8 17.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.629 min Scan# 1579
Delta R.T. 0.011 min
Lab File: BN019078.D
Acq: 23 Mar 2022 05:07

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 100.0 13.0 19.4#
77 0.0 0.0 0.0

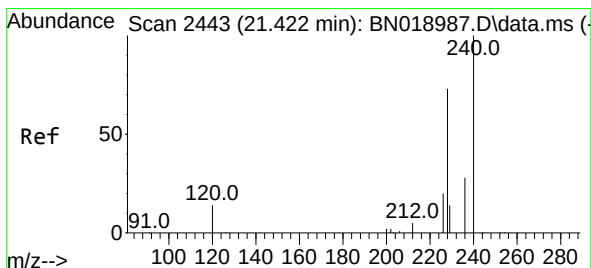
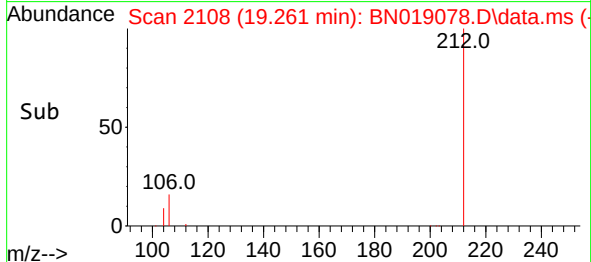
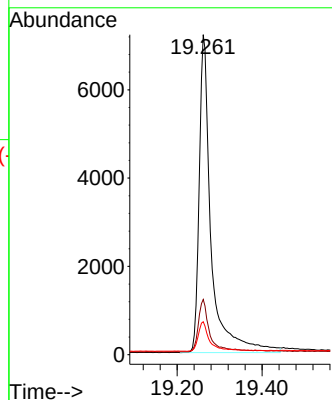
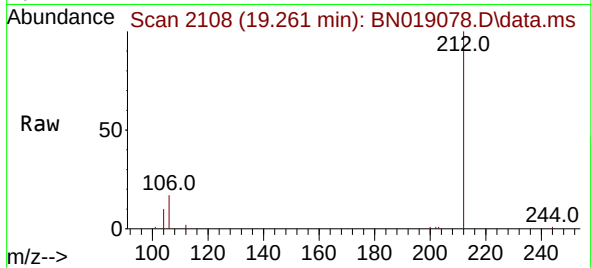




#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019078.D
Acq: 23 Mar 2022 05:07

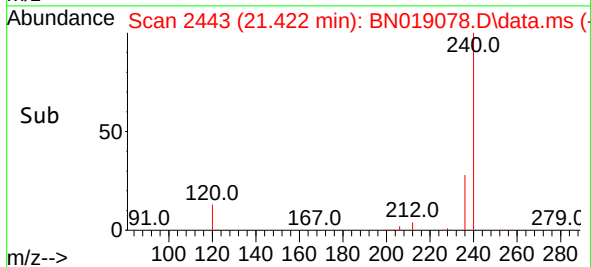
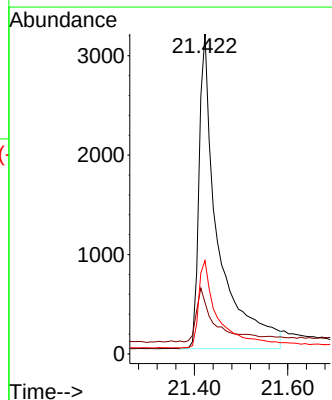
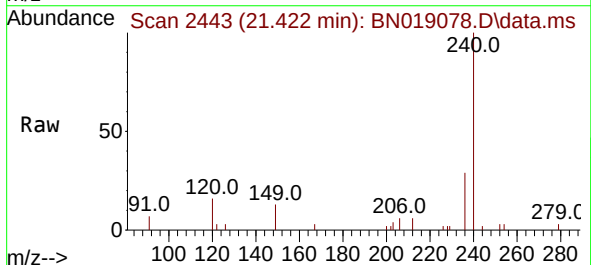
Instrument :
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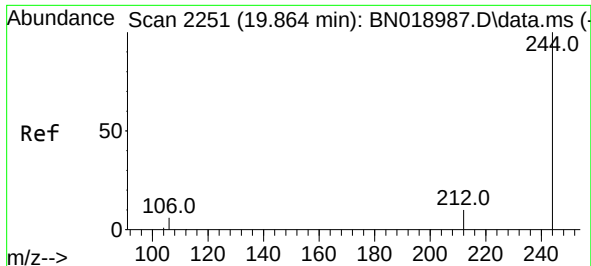
Tgt Ion:212 Resp: 14071
Ion Ratio Lower Upper
212 100
106 15.7 12.7 19.1
104 9.1 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN019078.D
Acq: 23 Mar 2022 05:07

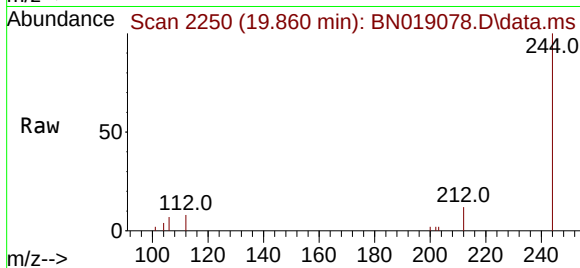
Tgt Ion:240 Resp: 9019
Ion Ratio Lower Upper
240 100
120 16.1 8.5 12.7#
236 29.2 22.4 33.6



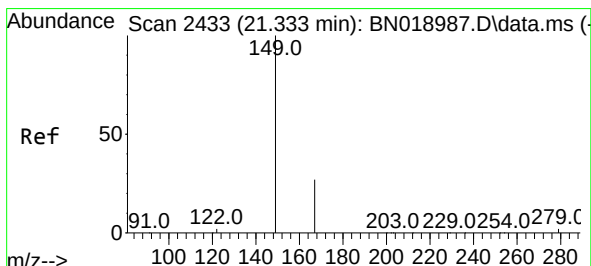
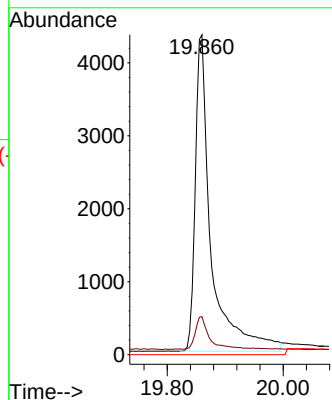
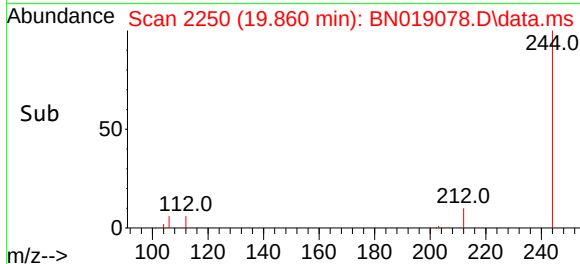


#31
 Terphenyl-d14
 Concen: 0.371 ng
 RT: 19.860 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN019078.D
 Acq: 23 Mar 2022 05:07

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20220317

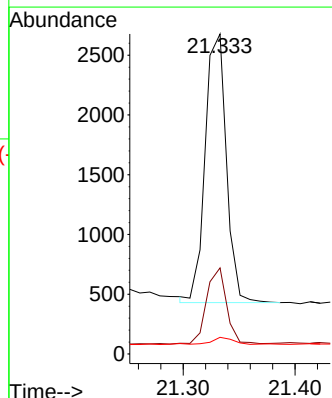
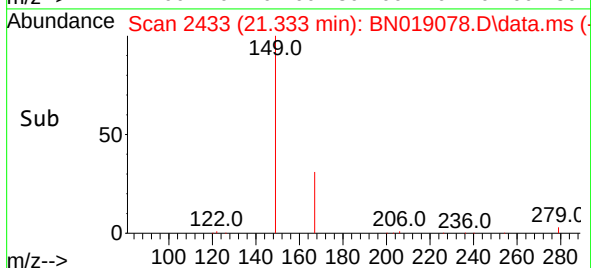
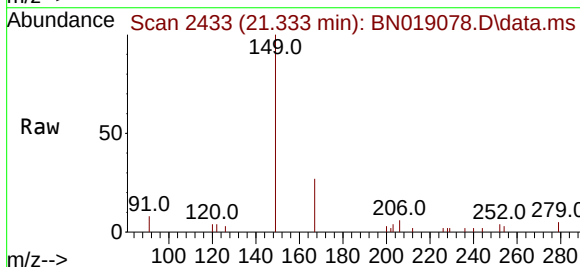


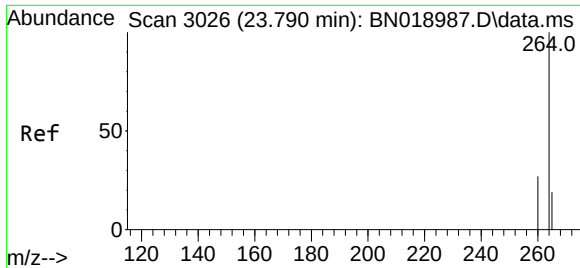
Tgt Ion:244 Resp: 8215
 Ion Ratio Lower Upper
 244 100
 212 11.9 8.2 12.4
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.160 ng
 RT: 21.333 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BN019078.D
 Acq: 23 Mar 2022 05:07

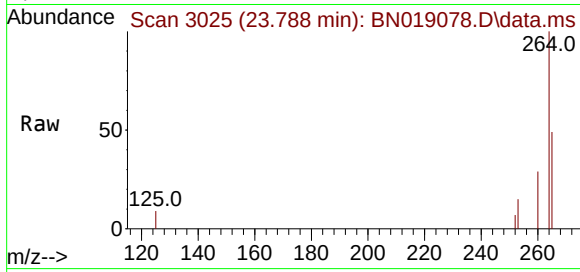
Tgt Ion:149 Resp: 2955
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.8 32.8
 279 3.1 2.0 3.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.788 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BN019078.D
 Acq: 23 Mar 2022 05:07

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20220317



Tgt Ion:264 Resp: 7335

Ion	Ratio	Lower	Upper
264	100		
260	28.8	22.4	33.6
265	49.1	25.3	37.9

