

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
 Data File : BN015274.D
 Acq On : 01 Jul 2021 23:32
 Operator : CG/JU
 Sample : M2783-17DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20210618DL

Quant Time: Jul 02 01:01:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

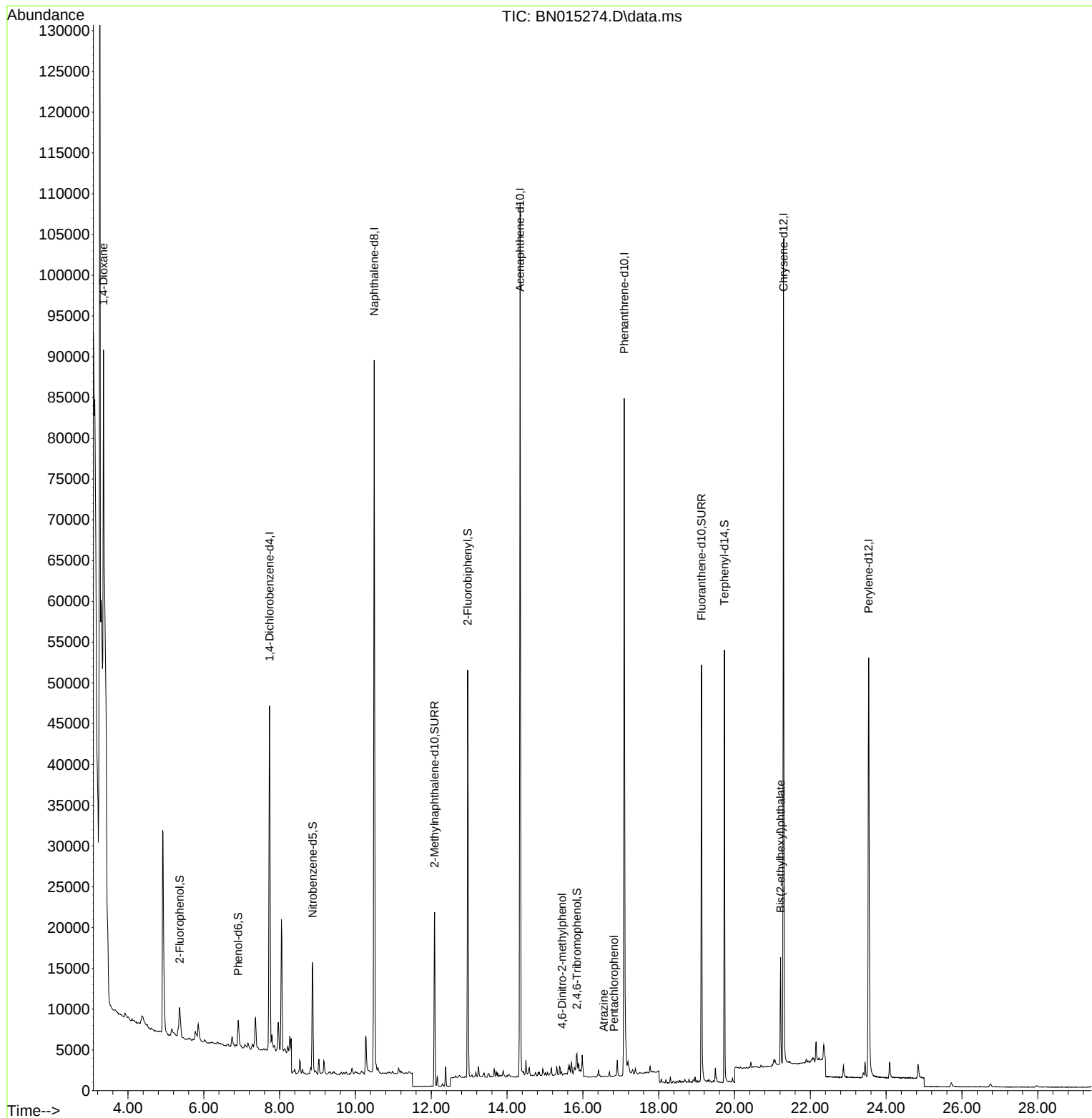
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	25041	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	114491	0.40	ng	0.00
13) Acenaphthene-d10	14.344	164	60457	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	121676	0.40	ng	0.00
29) Chrysene-d12	21.291	240	93420	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	73077	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.364	112	4874	0.08	ng	0.00
5) Phenol-d6	6.904	99	3324	0.04	ng	0.00
8) Nitrobenzene-d5	8.873	82	12888	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	28575	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	2423	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	42464	0.17	ng	0.00
27) Fluoranthene-d10	19.127	212	60793	0.17	ng	0.00
31) Terphenyl-d14	19.733	244	53205	0.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.354	88	72234	6.15	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.448	198	7	0.19	ng	# 1
23) Atrazine	16.555	200	16	0.17	ng	# 1
24) Pentachlorophenol	16.822	266	7	0.24	ng	# 37
34) Bis(2-ethylhexyl)phtha...	21.216	149	12689	0.26	ng	# 87

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

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ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Jul 02 01:01:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

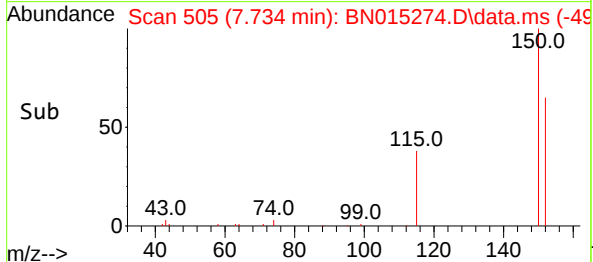
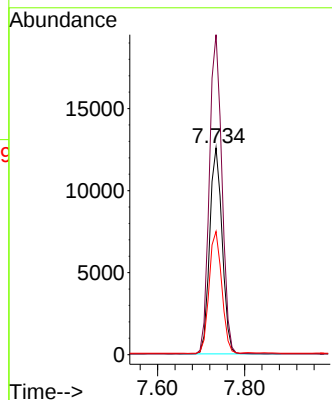
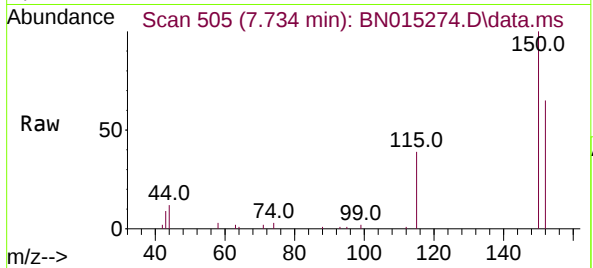




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015274.D
 Acq: 01 Jul 2021 23:32

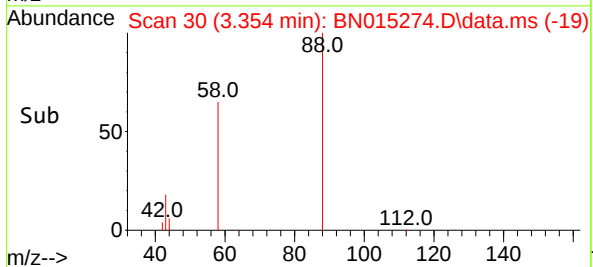
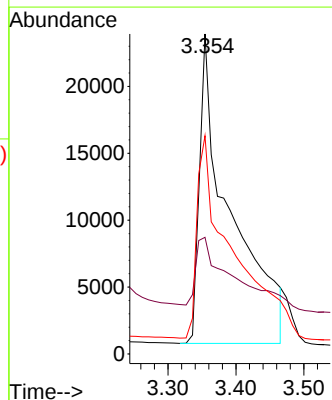
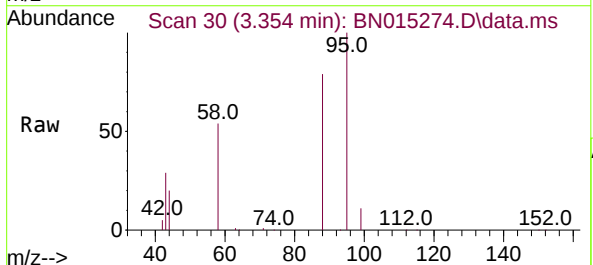
Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20210618DL

Tgt Ion:152 Resp: 25041
 Ion Ratio Lower Upper
 152 100
 150 154.6 119.0 178.6
 115 59.5 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 6.15 ng
 RT: 3.354 min Scan# 30
 Delta R.T. 0.002 min
 Lab File: BN015274.D
 Acq: 01 Jul 2021 23:32

Tgt Ion: 88 Resp: 72234
 Ion Ratio Lower Upper
 88 100
 43 23.5 12.9 19.3#
 58 71.9 38.1 57.1#

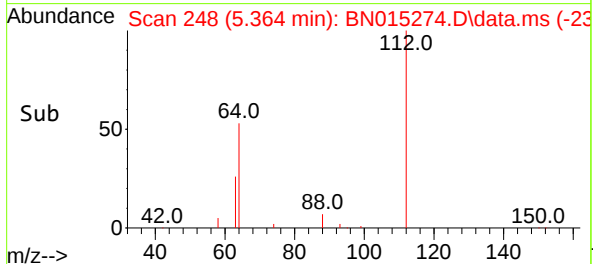
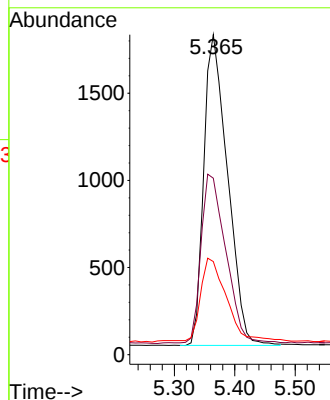
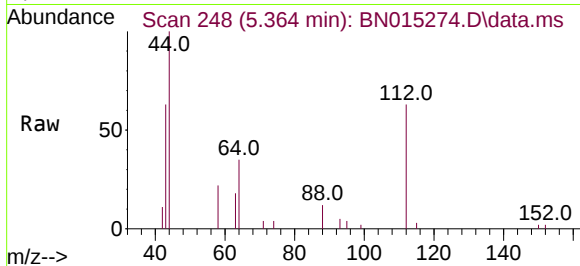




#4
2-Fluorophenol
Concen: 0.08 ng
RT: 5.364 min Scan# 248
Delta R.T. 0.002 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

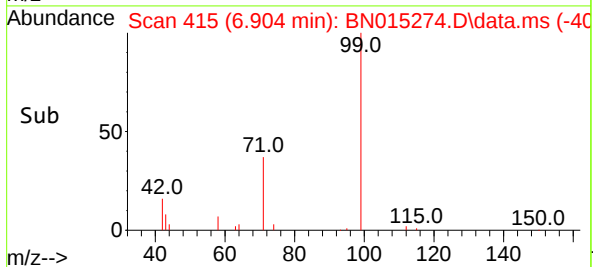
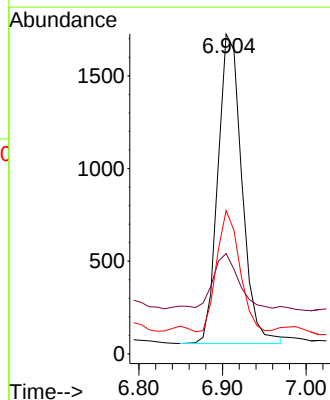
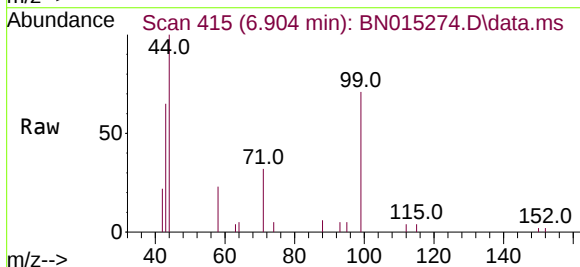
Instrument :
BNA_N
ClientSampleId :
RE132D3-20210618DL

Tgt Ion:	112	Resp:	4874
Ion	Ratio	Lower	Upper
112	100		
64	56.3	39.0	58.6
63	27.9	20.6	30.8



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.904 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

Tgt Ion:	99	Resp:	3324
Ion	Ratio	Lower	Upper
99	100		
42	19.4	8.9	13.3#
71	37.4	35.6	53.4

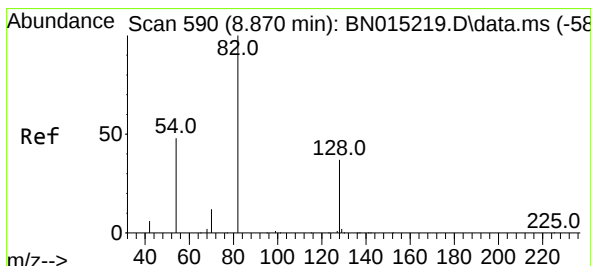
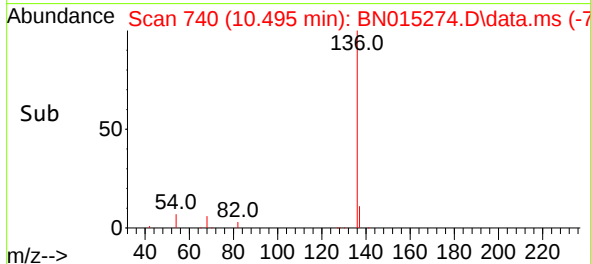
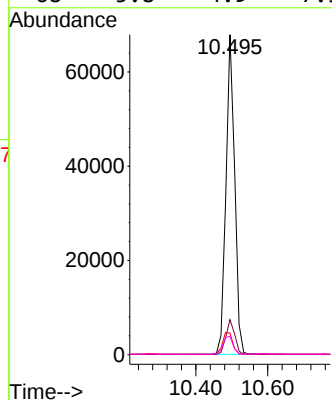
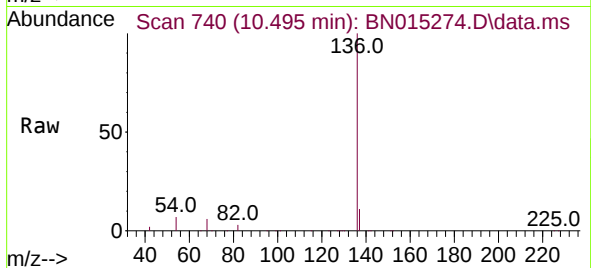




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.002 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

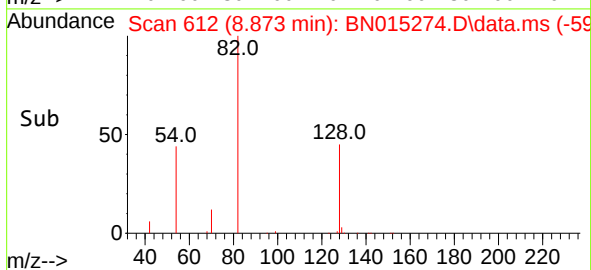
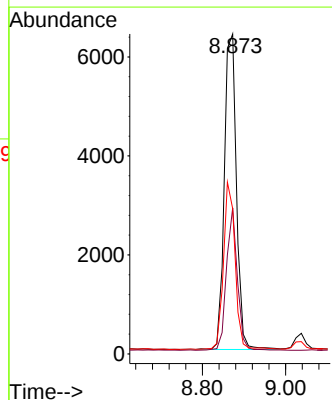
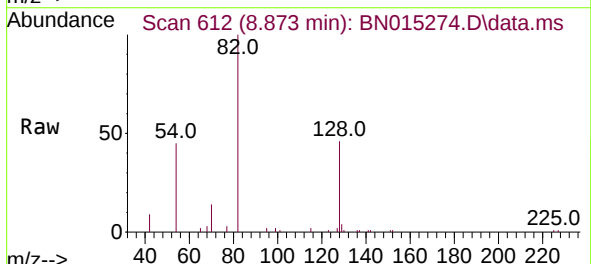
Instrument :
BNA_N
ClientSampleId :
RE132D3-20210618DL

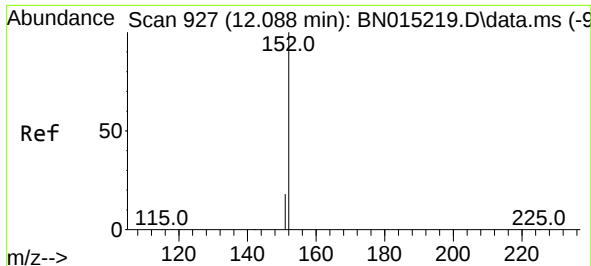
Tgt Ion:	136	Resp:	114491
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.8
54	6.8	5.4	8.2
68	5.8	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

Tgt Ion:	82	Resp:	12888
Ion Ratio	Lower	Upper	
82	100		
128	45.6	31.6	47.4
54	45.4	29.0	43.4

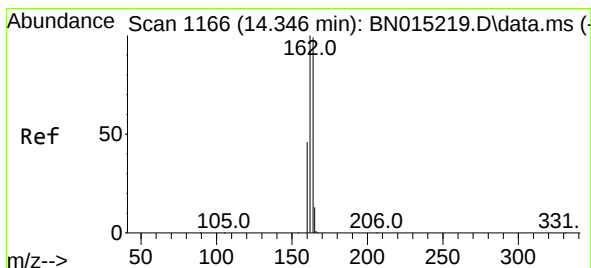
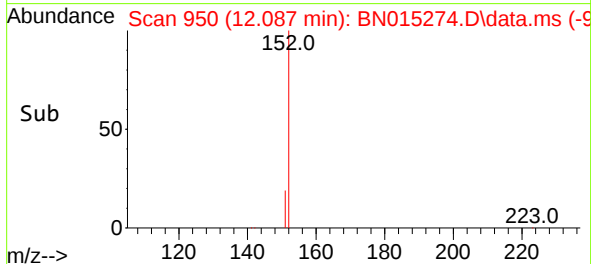
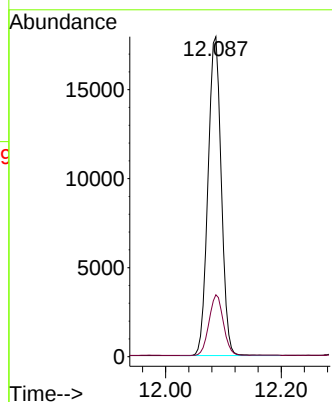
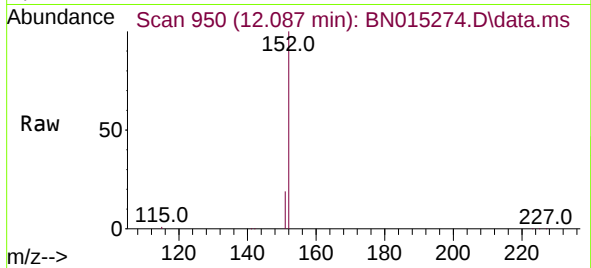




#11
2-Methylnaphthalene-d10
Concen: 0.15 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

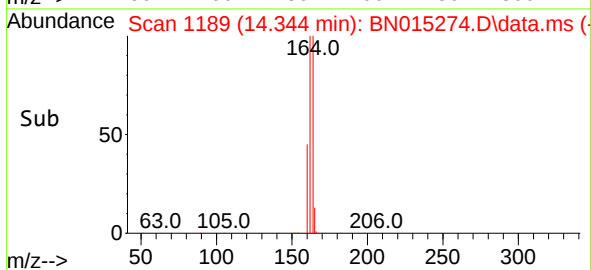
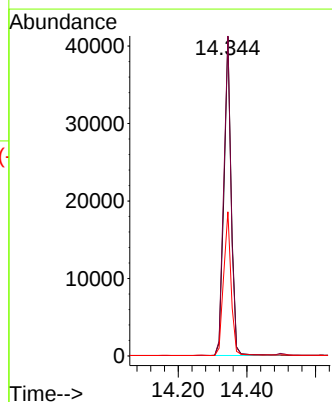
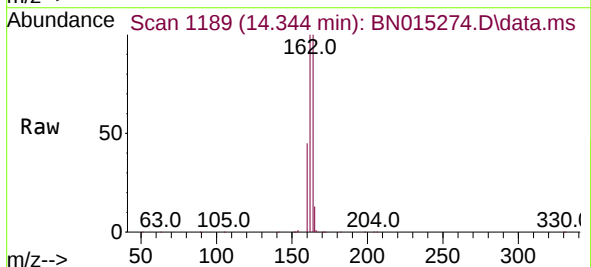
Instrument :
BNA_N
ClientSampleId :
RE132D3-20210618DL

Tgt Ion:152 Resp: 28575
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.344 min Scan# 1189
Delta R.T. -0.002 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

Tgt Ion:164 Resp: 60457
Ion Ratio Lower Upper
164 100
162 100.2 83.8 125.6
160 45.1 37.4 56.0

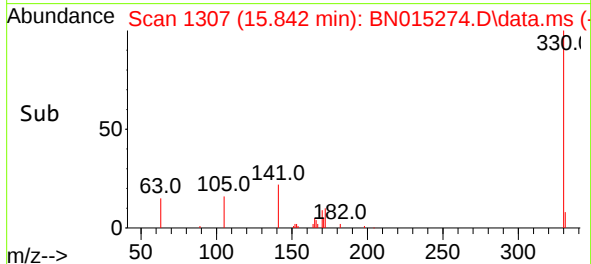
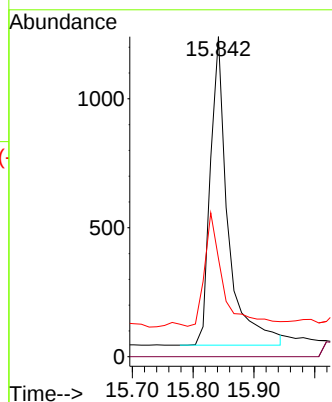
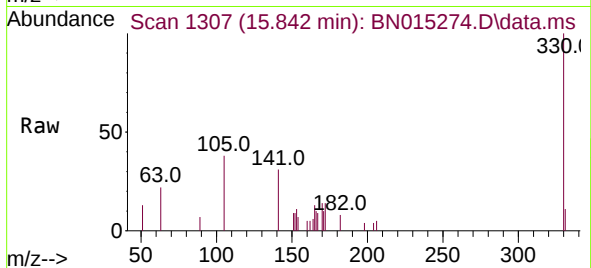




#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

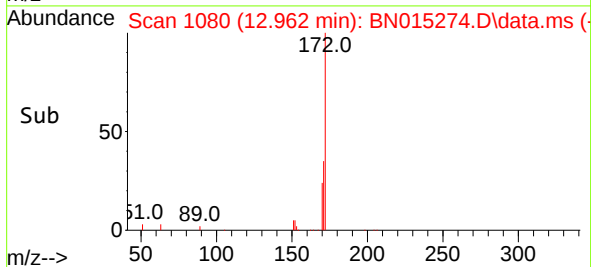
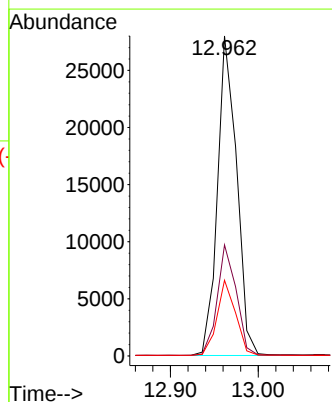
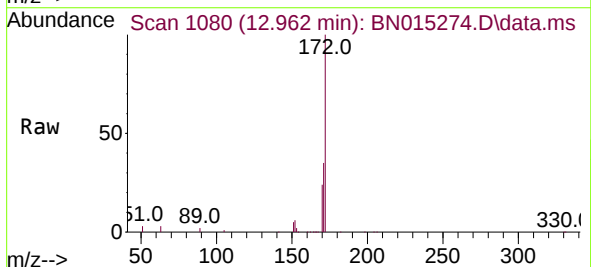
Instrument :
BNA_N
ClientSampleId :
RE132D3-20210618DL

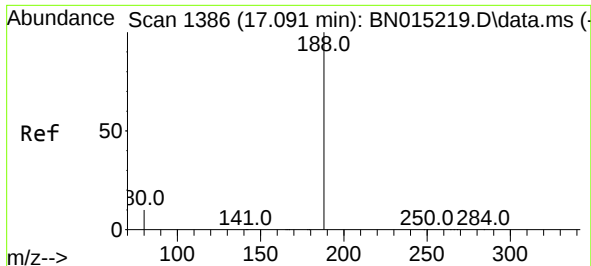
Tgt Ion: 330 Resp: 2423
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.0 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.17 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

Tgt Ion: 172 Resp: 42464
Ion Ratio Lower Upper
172 100
171 34.7 30.6 45.8
170 23.7 20.2 30.4

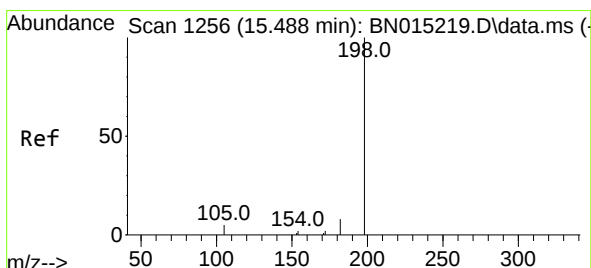
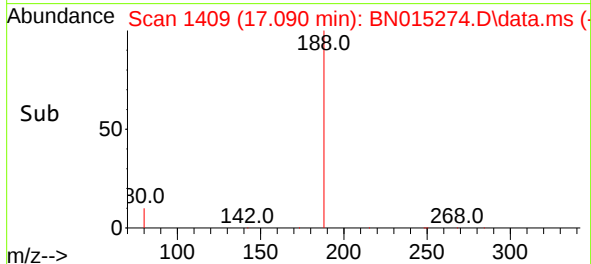
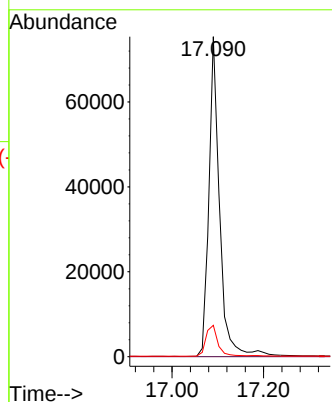
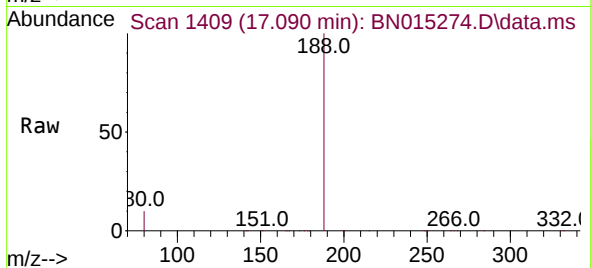




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

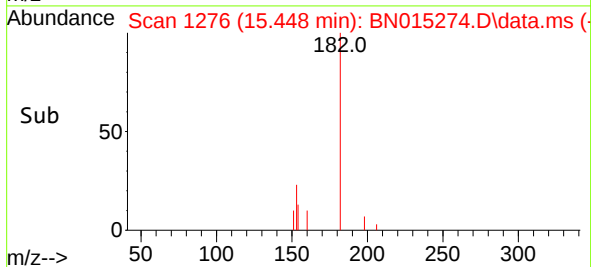
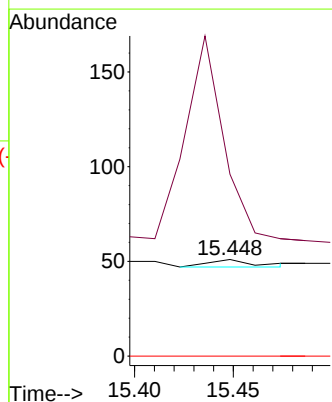
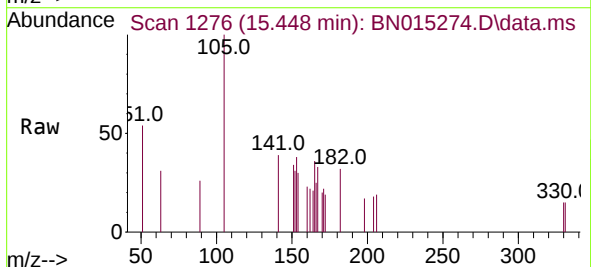
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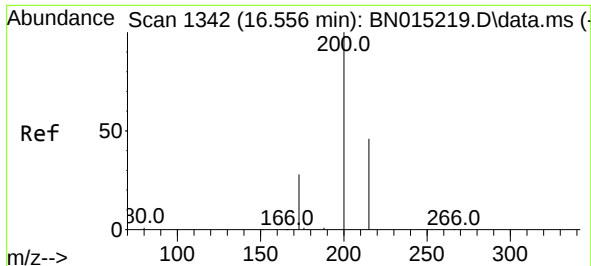
Tgt Ion:188 Resp: 121676
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.448 min Scan# 1276
Delta R.T. -0.040 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 188.2 34.5 51.7#
77 0.0 0.0 0.0

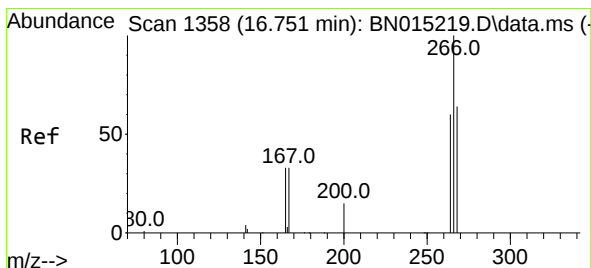
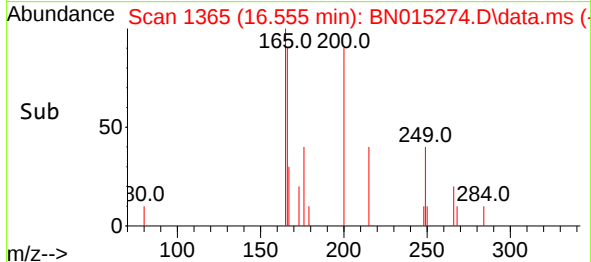
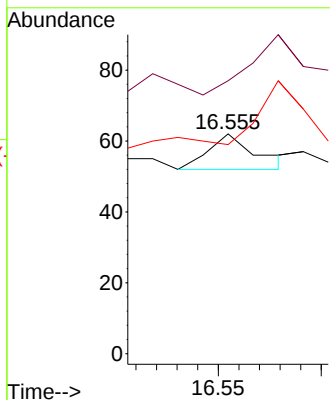
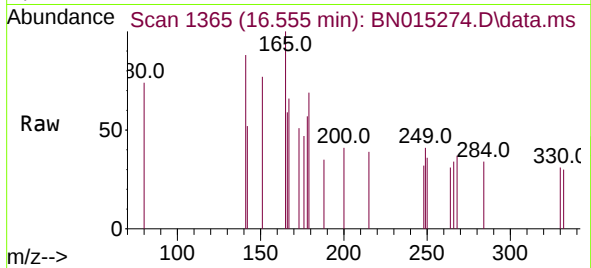




#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

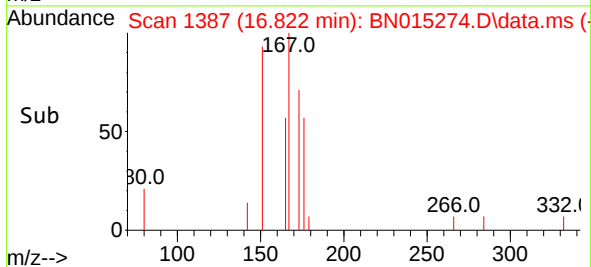
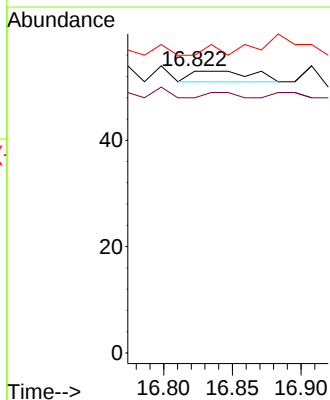
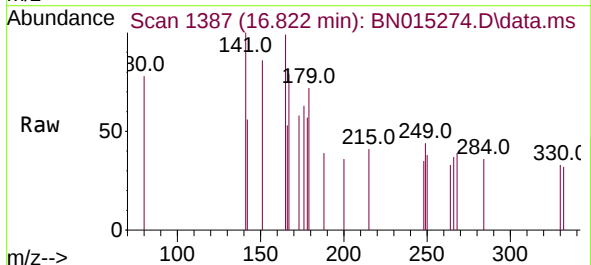
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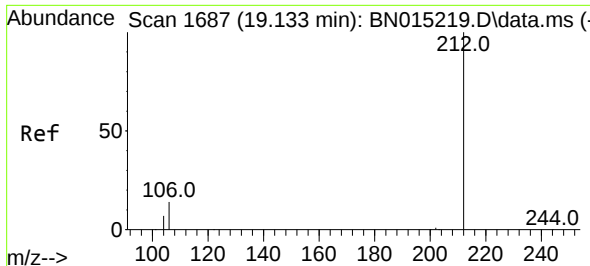
Tgt Ion:200 Resp: 16
Ion Ratio Lower Upper
200 100
173 124.2 21.7 32.5#
215 95.2 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.822 min Scan# 1387
Delta R.T. 0.071 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

Tgt Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
264 14.3 51.0 76.4#
268 14.3 50.6 76.0#

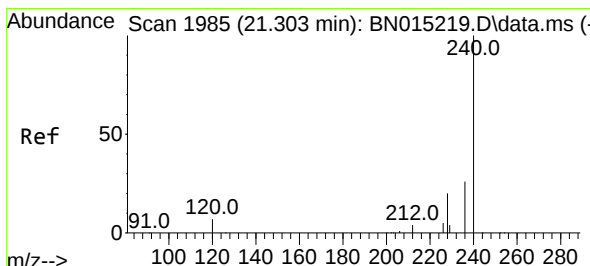
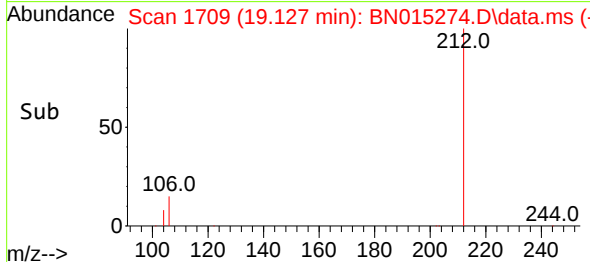
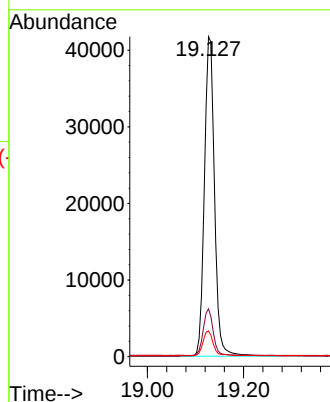
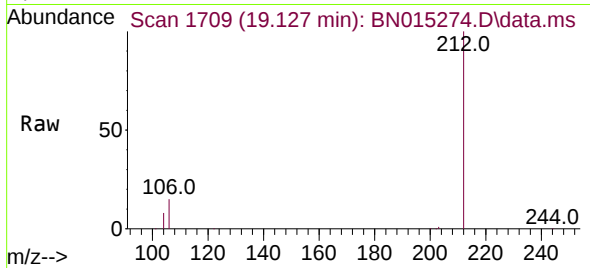




#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

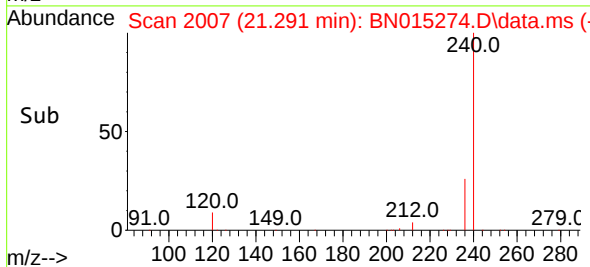
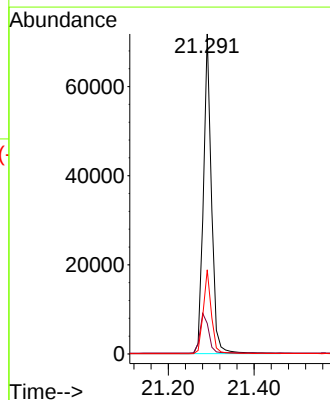
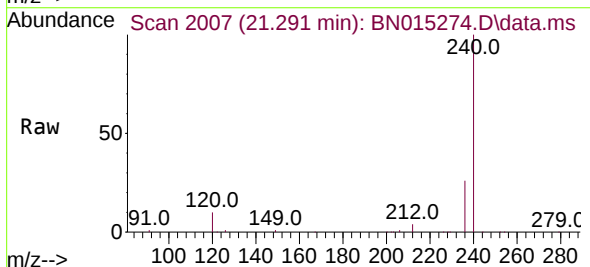
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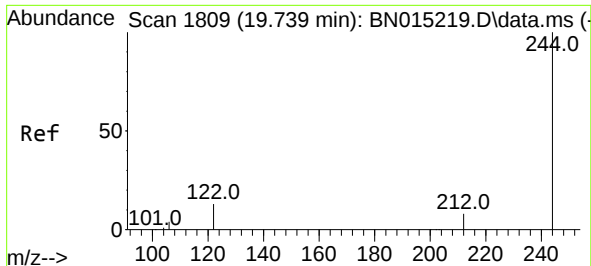
Tgt Ion:212 Resp: 60793
Ion Ratio Lower Upper
212 100
106 14.4 7.0 10.6#
104 7.9 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015274.D
Acq: 01 Jul 2021 23:32

Tgt Ion:240 Resp: 93420
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.4#
236 26.3 21.4 32.2

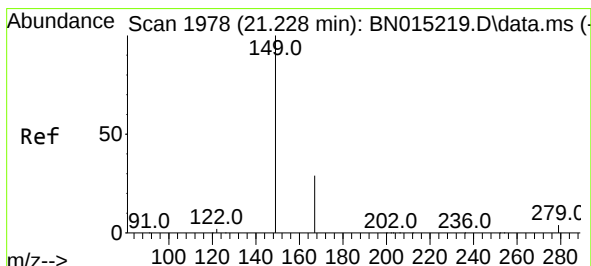
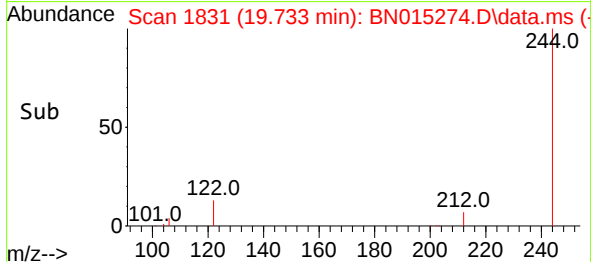
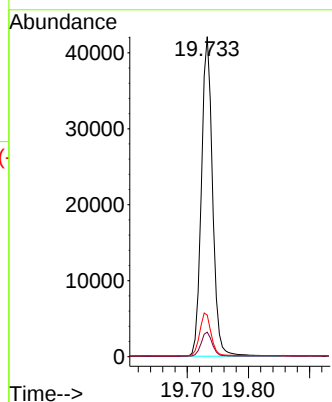
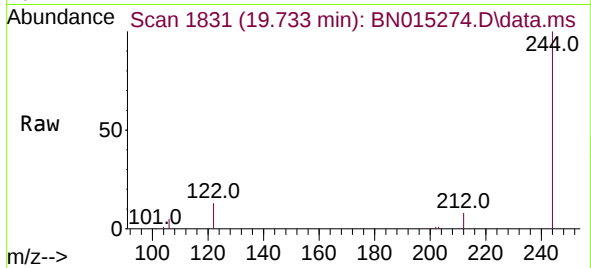




#31
 Terphenyl-d14
 Concen: 0.24 ng
 RT: 19.733 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BN015274.D
 Acq: 01 Jul 2021 23:32

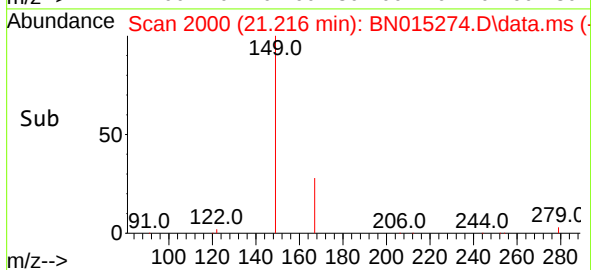
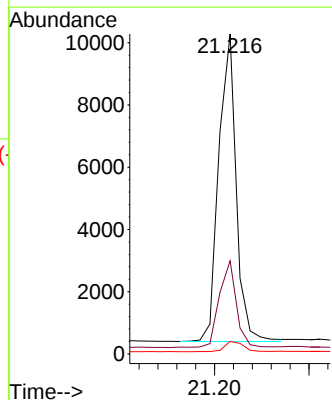
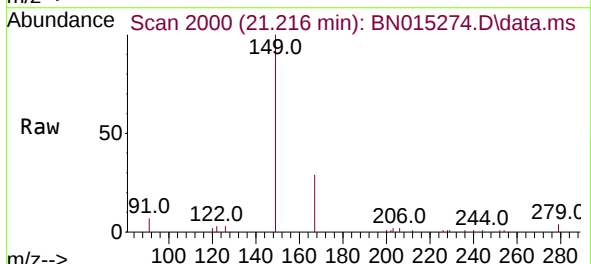
Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20210618DL

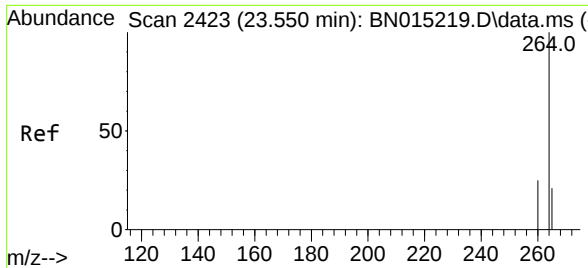
Tgt Ion:244	Resp:	53205
Ion Ratio	Lower	Upper
244	100	
212	7.7	6.3 9.5
122	13.0	6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.26 ng
 RT: 21.216 min Scan# 2000
 Delta R.T. -0.012 min
 Lab File: BN015274.D
 Acq: 01 Jul 2021 23:32

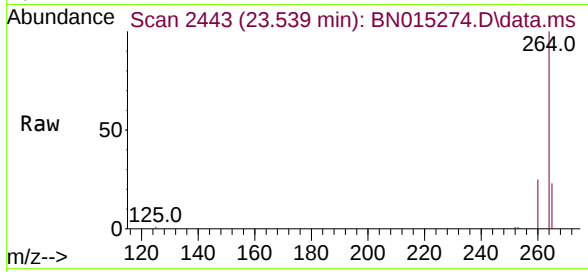
Tgt Ion:149	Resp:	12689
Ion Ratio	Lower	Upper
149	100	
167	27.8	28.9 43.3#
279	3.5	4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.539 min Scan# 2443
 Delta R.T. -0.011 min
 Lab File: BN015274.D
 Acq: 01 Jul 2021 23:32

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20210618DL



Tgt Ion:264 Resp: 73077

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	31.0
265	22.9	21.4	32.2

