

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
 Data File : BN015275.D
 Acq On : 02 Jul 2021 00:08
 Operator : CG/JU
 Sample : M2783-21DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210618DL

Quant Time: Jul 02 01:01:11 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)

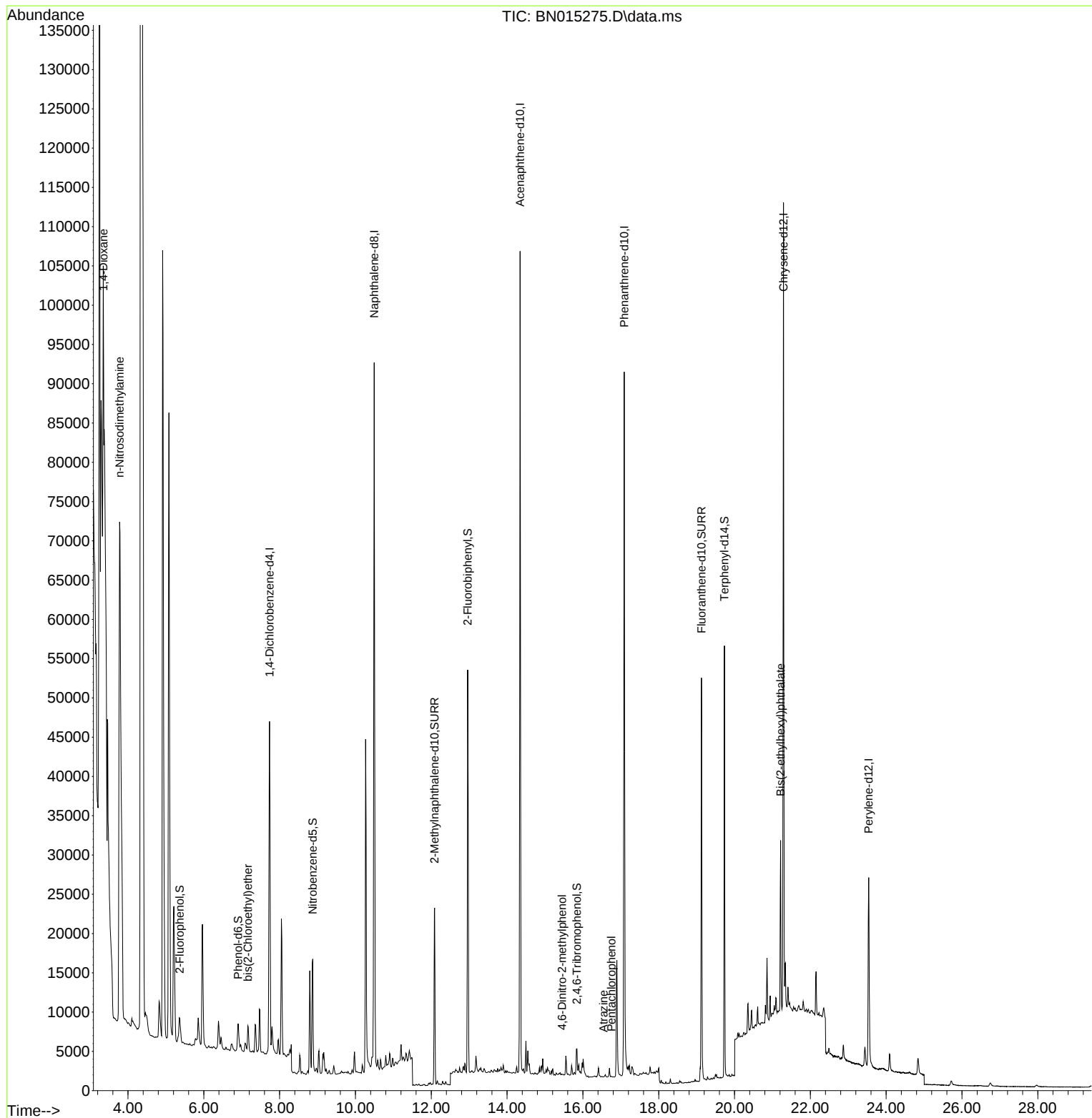
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	25326	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	117557	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	57472	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	124238	0.40	ng	0.00
29) Chrysene-d12	21.291	240	95895	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	34181	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	4420	0.07	ng	0.00
5) Phenol-d6	6.905	99	2909	0.04	ng	0.00
8) Nitrobenzene-d5	8.873	82	13455	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	30035	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	3335	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	44533	0.19	ng	0.00
27) Fluoranthene-d10	19.127	212	59248	0.16	ng	0.00
31) Terphenyl-d14	19.733	244	53992	0.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	88887	7.49	ng	# 72
3) n-Nitrosodimethylamine	3.779	42	2832	0.13	ng	# 1
6) bis(2-Chloroethyl)ether	7.163	93	1946	0.02	ng	# 73
20) 4,6-Dinitro-2-methylph...	15.448	198	15	0.20	ng	# 1
23) Atrazine	16.543	200	22	0.17	ng	# 11
24) Pentachlorophenol	16.750	266	57	0.25	ng	98
34) Bis(2-ethylhexyl)phtha...	21.217	149	21253	0.33	ng	# 88

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

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QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

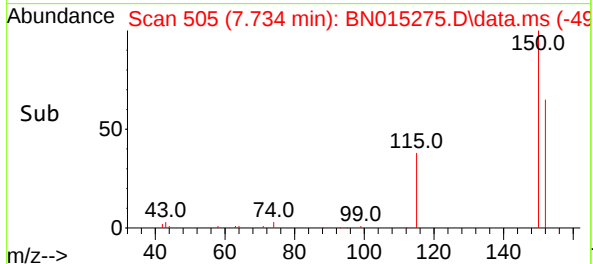
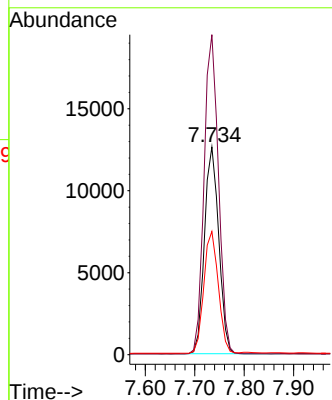
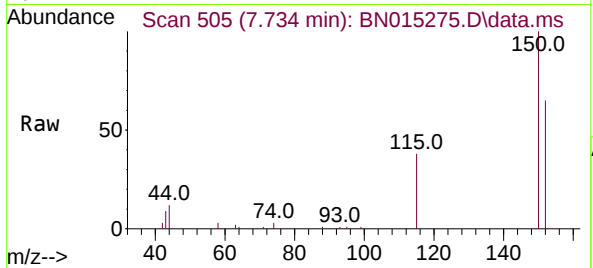




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015275.D
 Acq: 02 Jul 2021 00:08

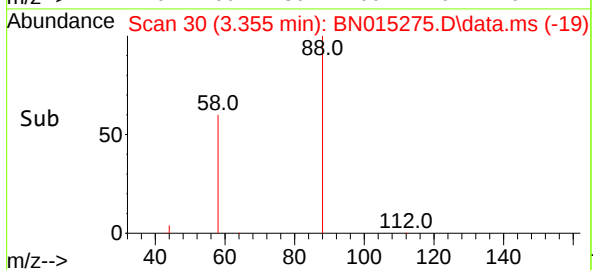
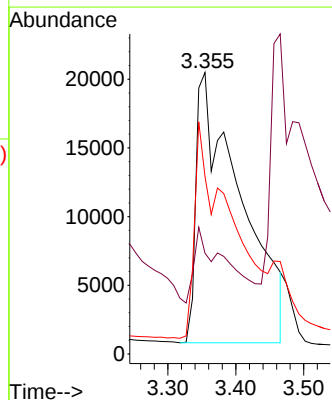
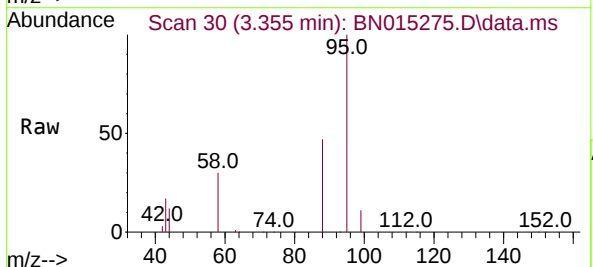
Instrument :
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 ClientSampleId :
 RE132D5-20210618DL

Tgt Ion:152 Resp: 25326
 Ion Ratio Lower Upper
 152 100
 150 154.1 119.0 178.6
 115 59.3 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 7.49 ng
 RT: 3.355 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN015275.D
 Acq: 02 Jul 2021 00:08

Tgt Ion: 88 Resp: 88887
 Ion Ratio Lower Upper
 88 100
 43 8.9 12.9 19.3#
 58 25.9 38.1 57.1#

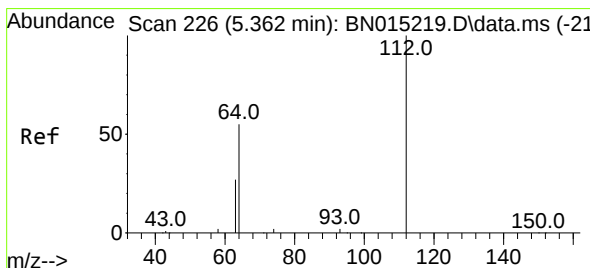
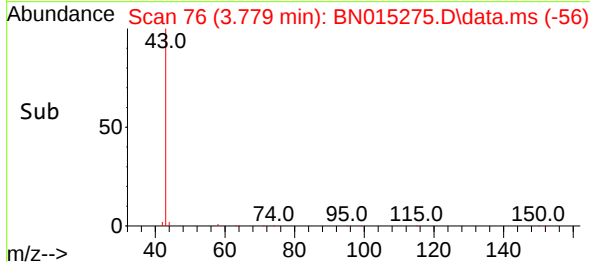
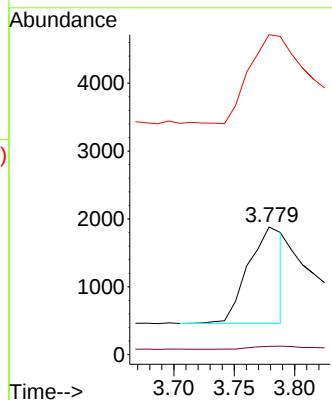
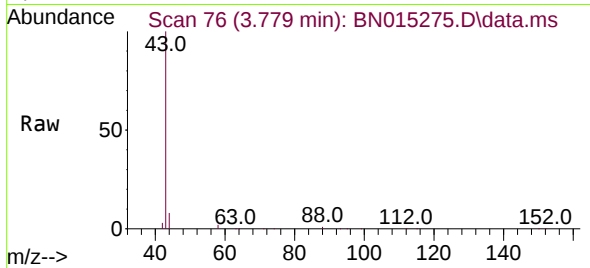




#3
n-Nitrosodimethylamine
Concen: 0.13 ng
RT: 3.779 min Scan# 76
Delta R.T. 0.086 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

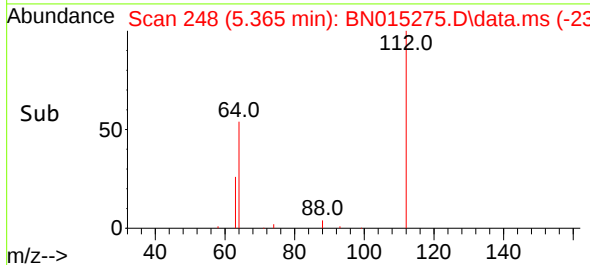
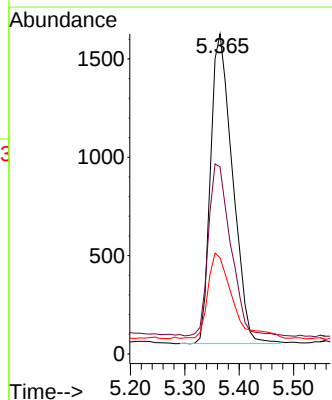
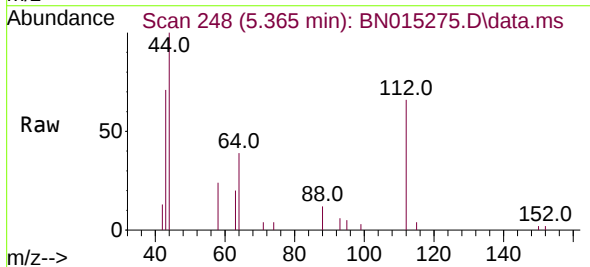
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BNA_N
ClientSampleId :
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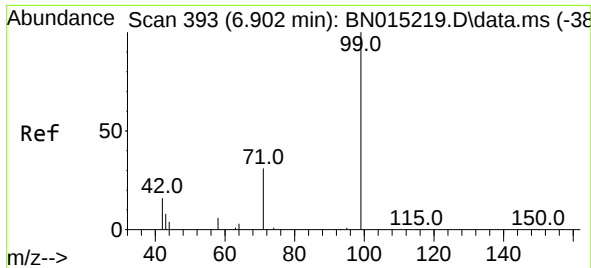
Tgt Ion: 42 Resp: 2832
Ion Ratio Lower Upper
42 100
74 0.0 149.5 224.3#
44 90.1 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion: 112 Resp: 4420
Ion Ratio Lower Upper
112 100
64 56.4 39.0 58.6
63 30.5 20.6 30.8

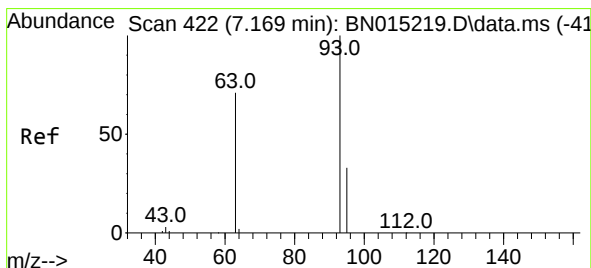
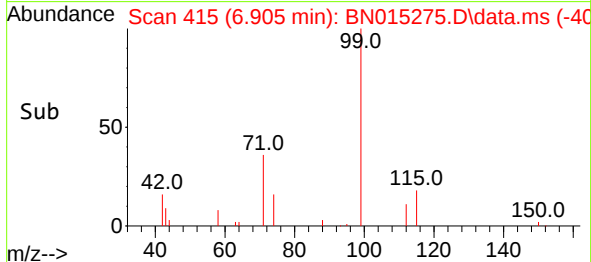
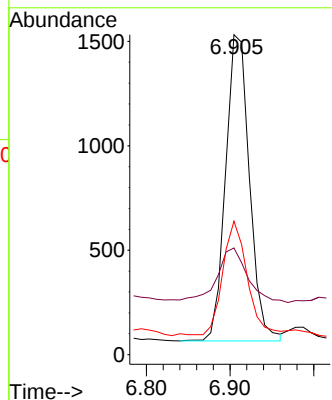
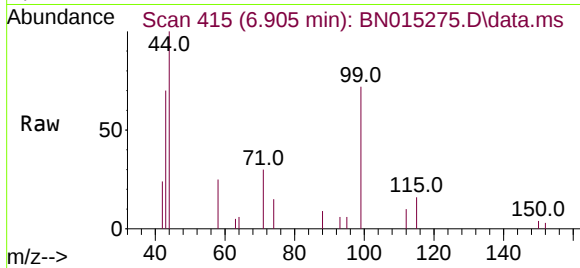




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

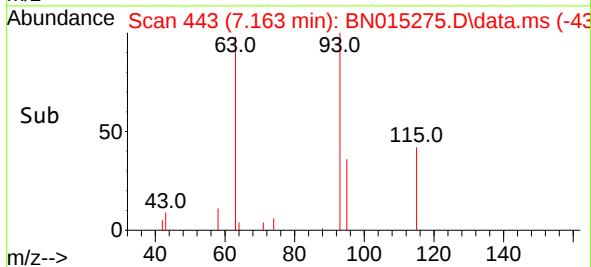
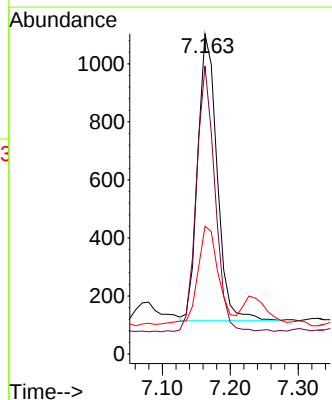
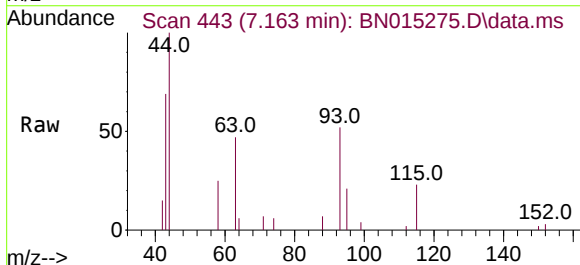
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210618DL

Tgt Ion: 99 Resp: 2909
Ion Ratio Lower Upper
99 100
42 22.7 8.9 13.3#
71 37.5 35.6 53.4



#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.007 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion: 93 Resp: 1946
Ion Ratio Lower Upper
93 100
63 89.8 46.6 70.0#
95 37.4 28.6 42.8

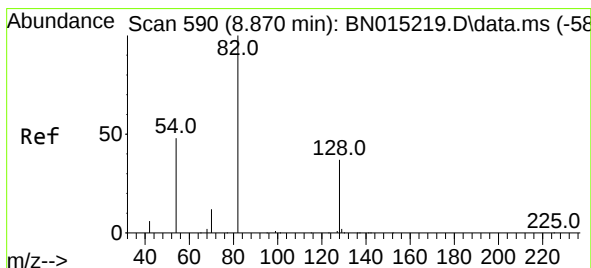
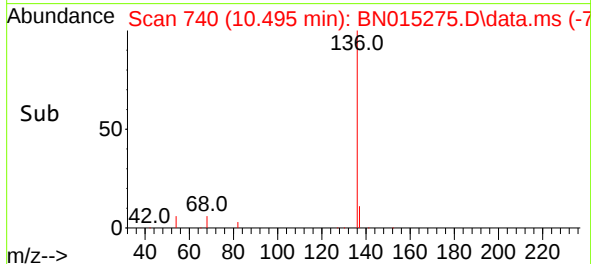
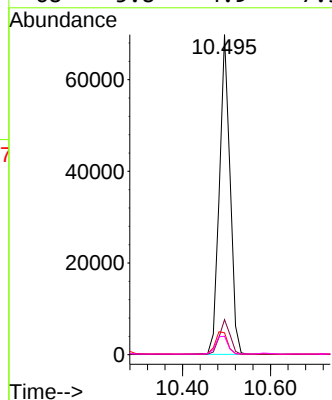
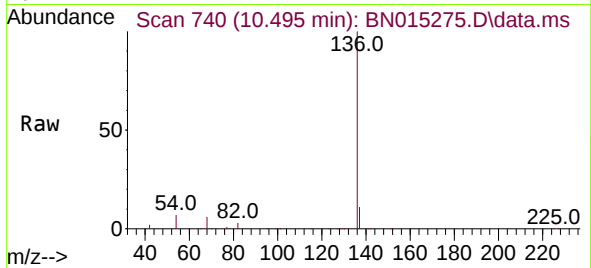




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

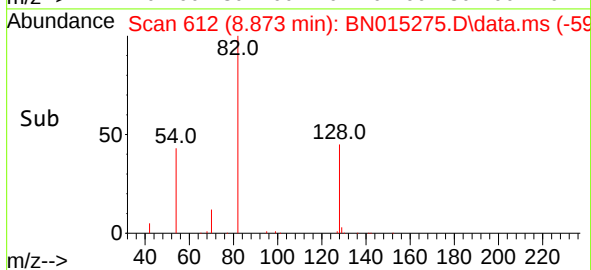
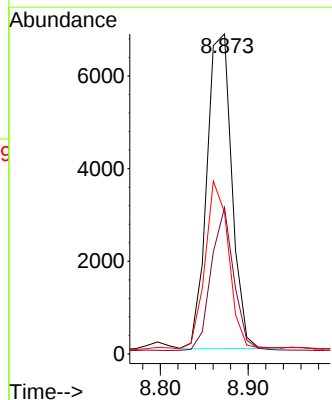
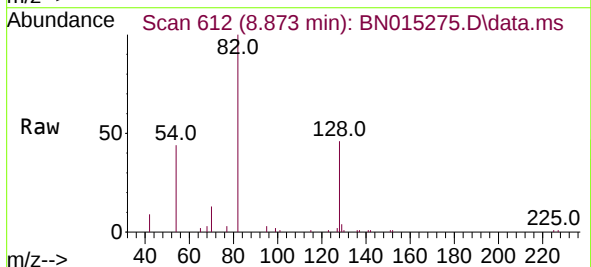
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210618DL

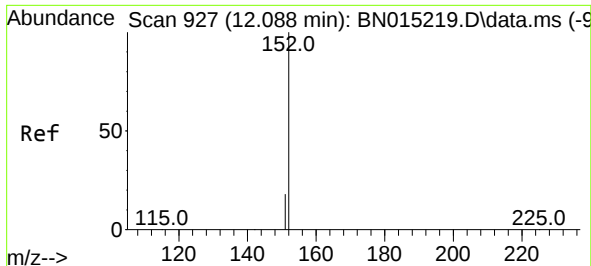
Tgt Ion:	136	Resp:	117557
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	6.8	5.4	8.2
68	5.8	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion:	82	Resp:	13455
Ion	Ratio	Lower	Upper
82	100		
128	45.8	31.6	47.4
54	44.3	29.0	43.4

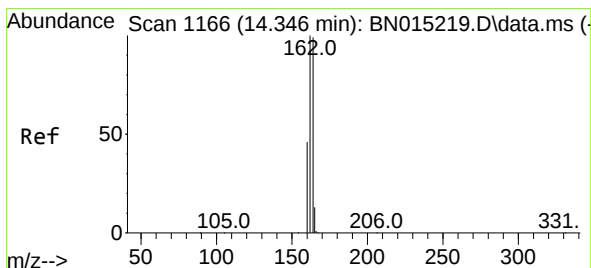
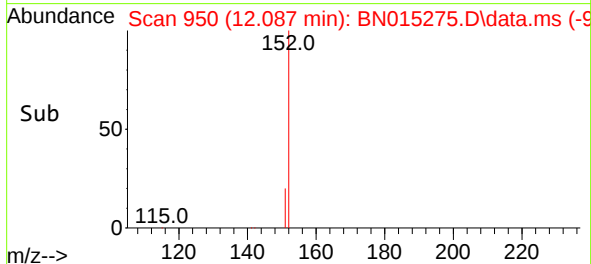
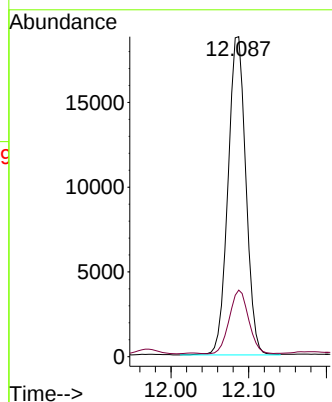
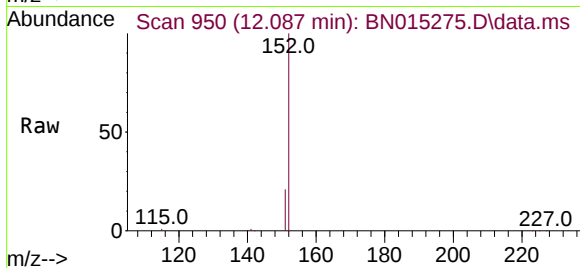




#11
2-Methylnaphthalene-d10
Concen: 0.15 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

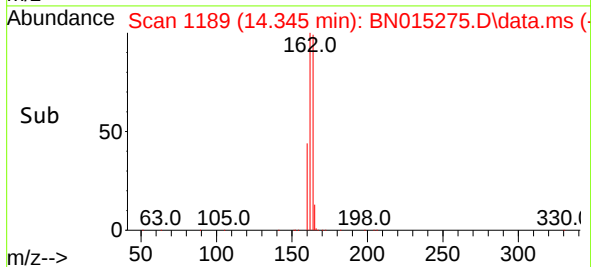
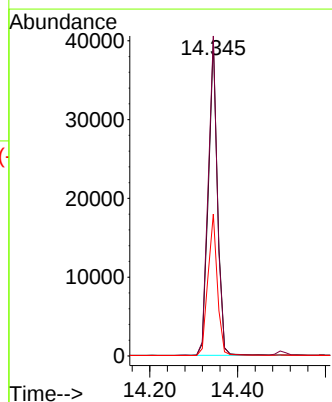
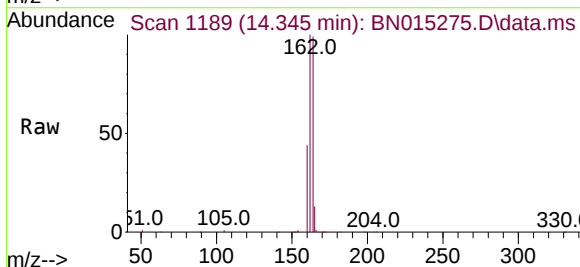
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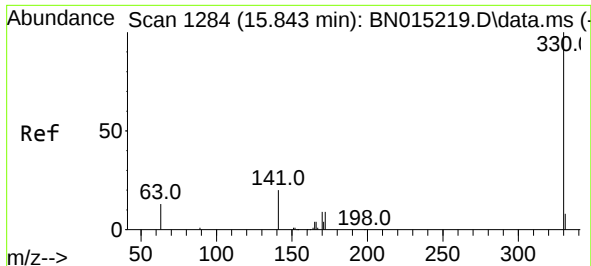
Tgt Ion:152 Resp: 30035
Ion Ratio Lower Upper
152 100
151 21.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion:164 Resp: 57472
Ion Ratio Lower Upper
164 100
162 101.2 83.8 125.6
160 44.9 37.4 56.0

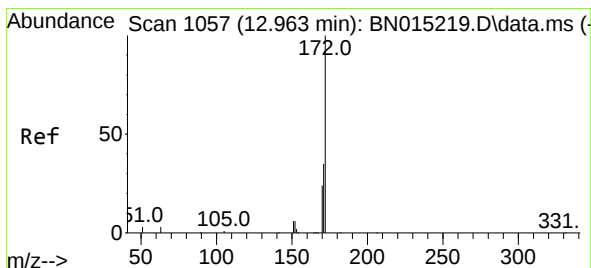
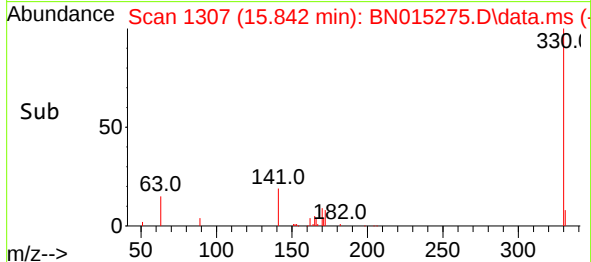
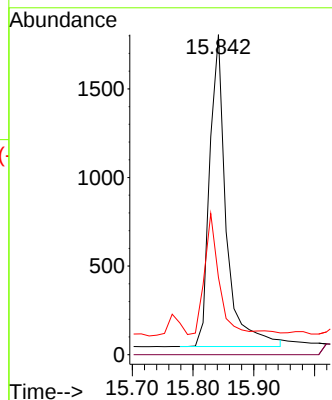
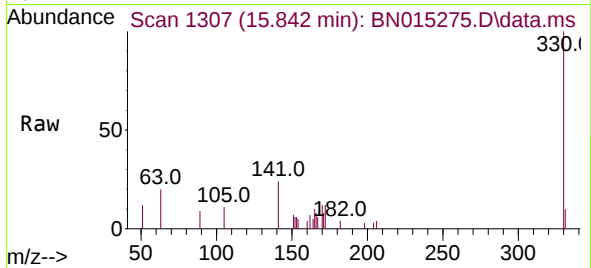




#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

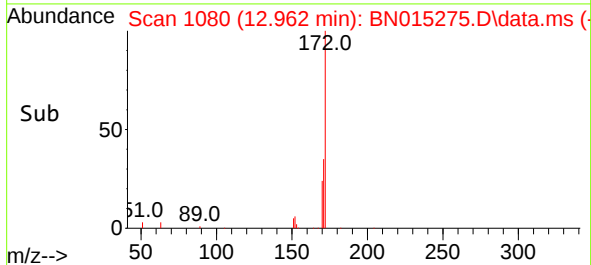
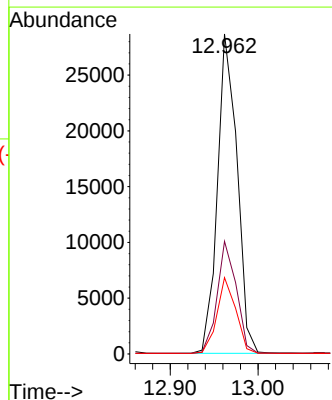
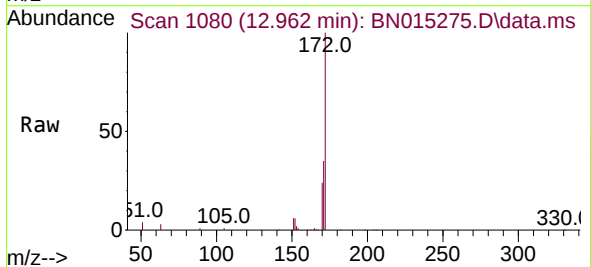
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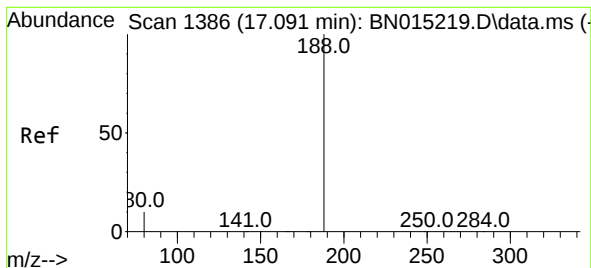
Tgt Ion: 330 Resp: 3335
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.2 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion: 172 Resp: 44533
Ion Ratio Lower Upper
172 100
171 35.2 30.6 45.8
170 23.9 20.2 30.4

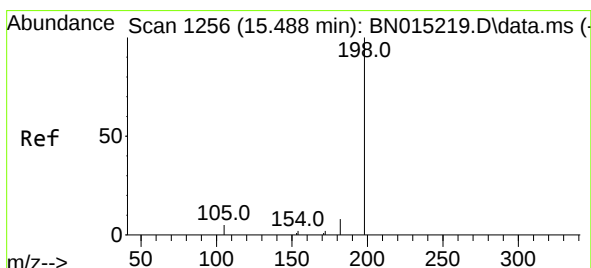
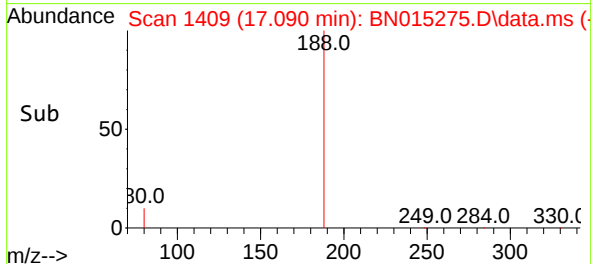
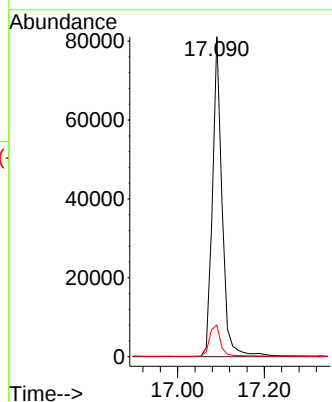
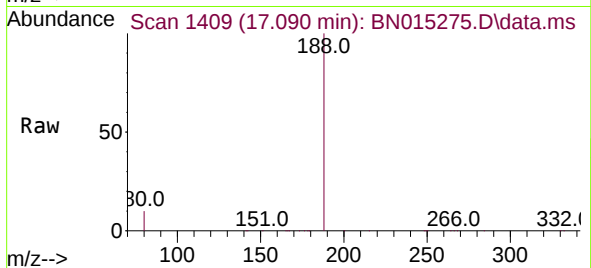




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

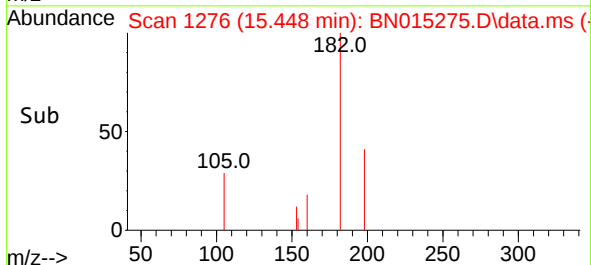
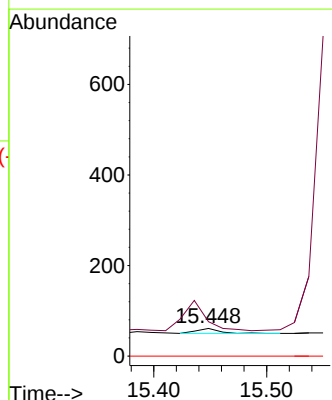
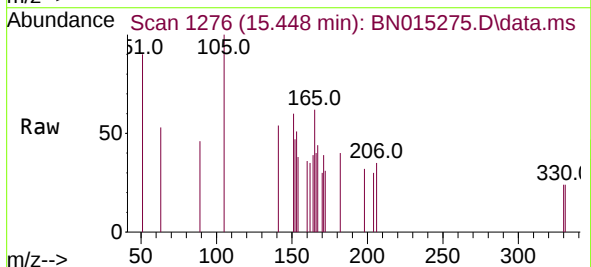
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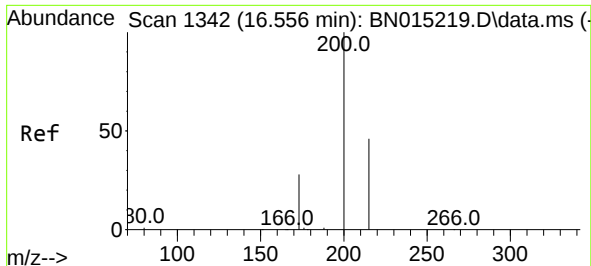
Tgt Ion:188 Resp: 124238
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.448 min Scan# 1276
Delta R.T. -0.040 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
182 124.6 34.5 51.7#
77 0.0 0.0 0.0

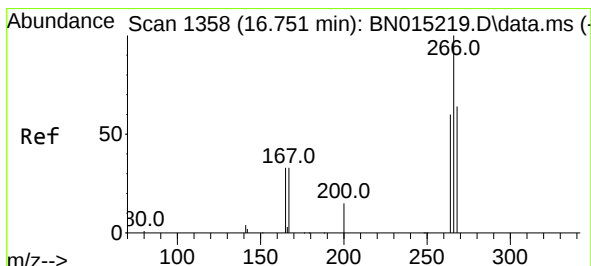
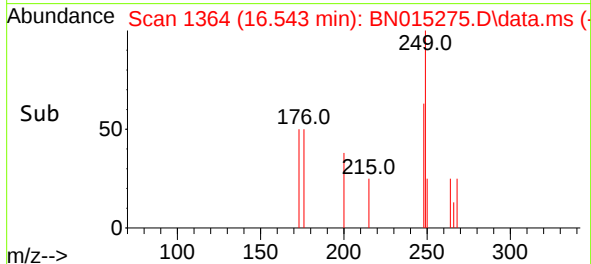
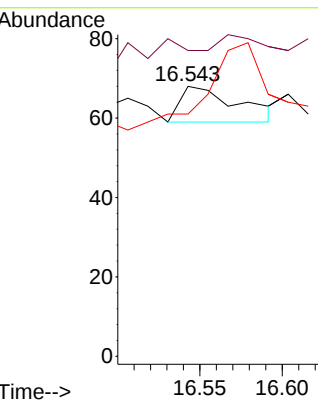
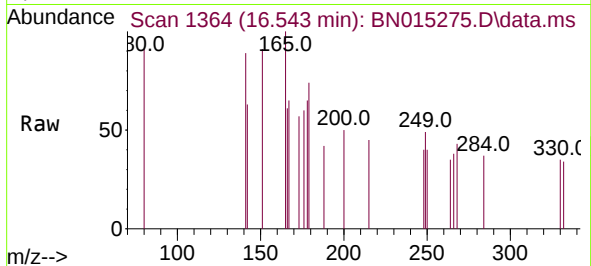




#23
Atrazine
Concen: 0.17 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.013 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

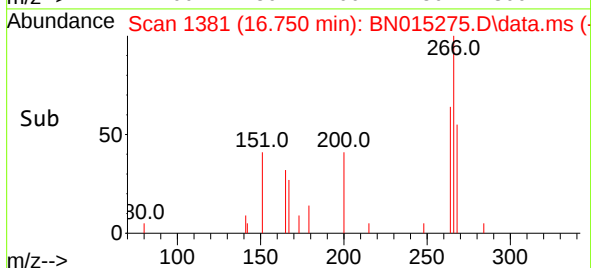
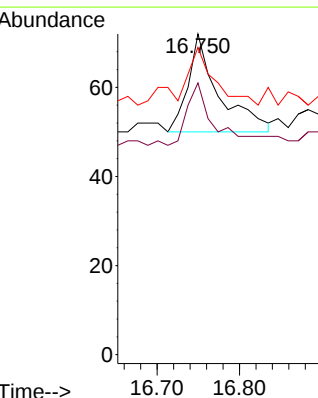
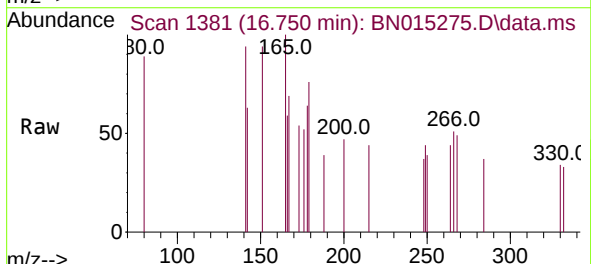
Instrument :
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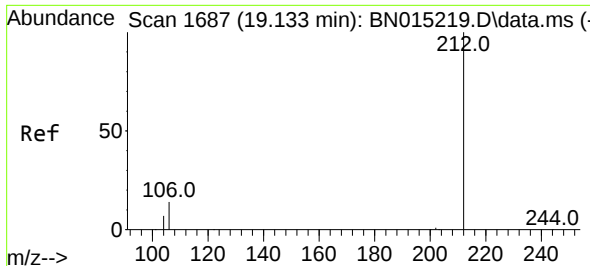
Tgt Ion:200 Resp: 22
Ion Ratio Lower Upper
200 100
173 113.2 21.7 32.5#
215 89.7 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion:266 Resp: 57
Ion Ratio Lower Upper
266 100
264 63.2 51.0 76.4
268 61.4 50.6 76.0

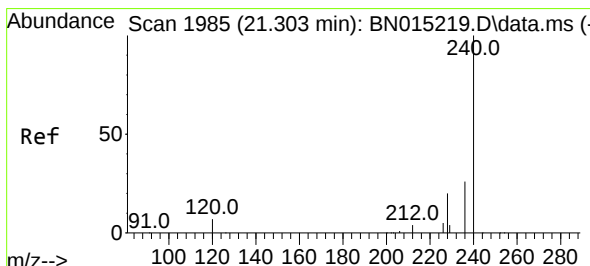
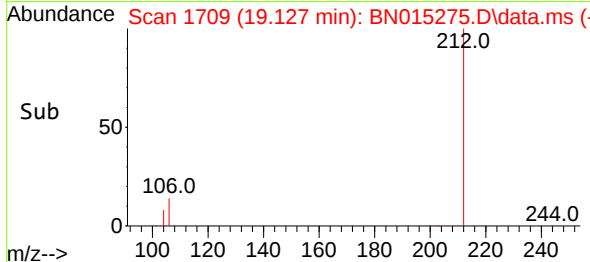
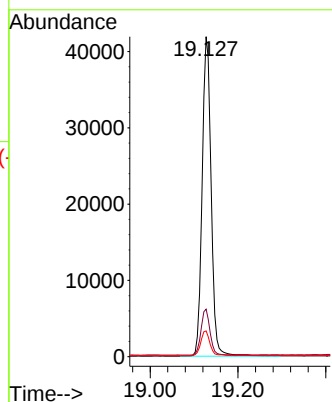
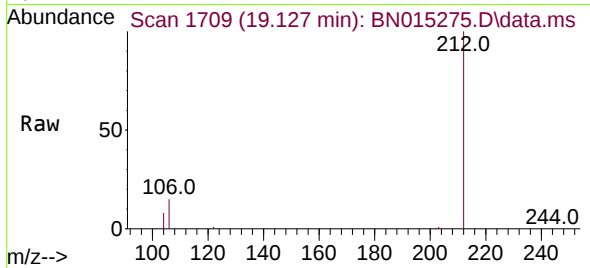




#27
Fluoranthene-d10
Concen: 0.16 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

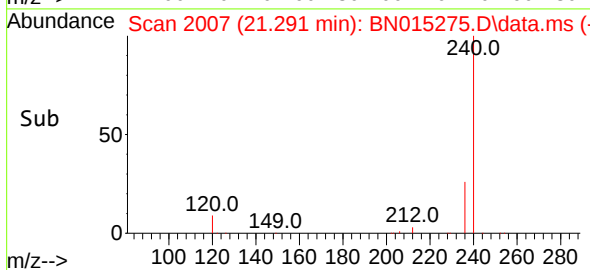
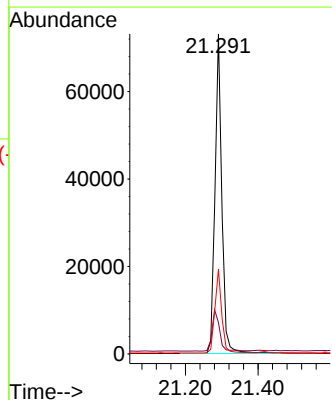
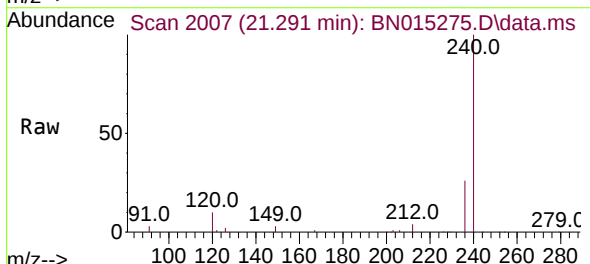
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210618DL

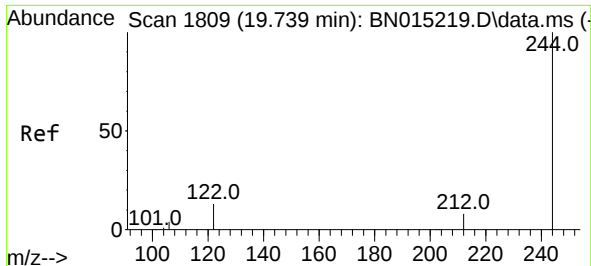
Tgt Ion:212 Resp: 59248
Ion Ratio Lower Upper
212 100
106 14.3 7.0 10.6#
104 8.0 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015275.D
Acq: 02 Jul 2021 00:08

Tgt Ion:240 Resp: 95895
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.4#
236 26.4 21.4 32.2

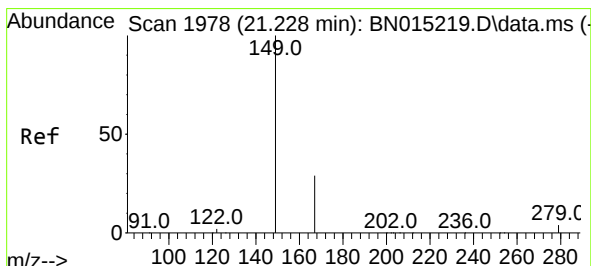
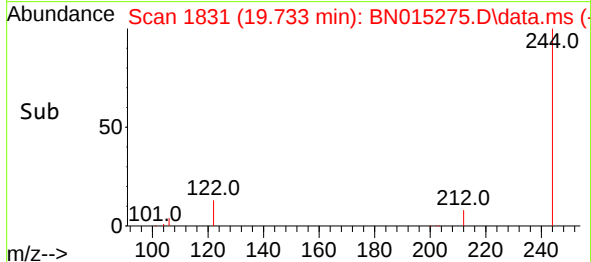
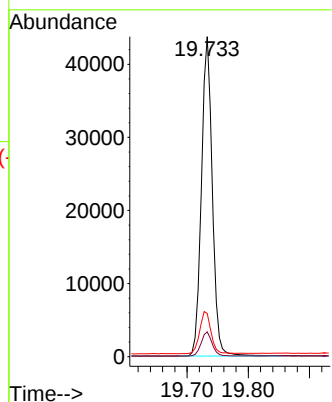
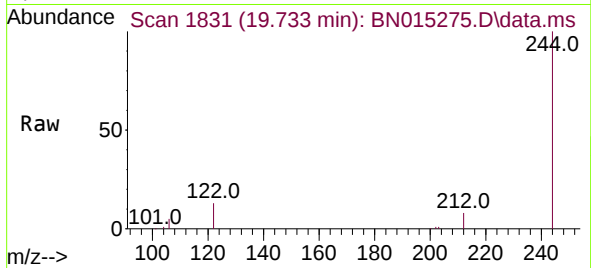




#31
 Terphenyl-d14
 Concen: 0.24 ng
 RT: 19.733 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BN015275.D
 Acq: 02 Jul 2021 00:08

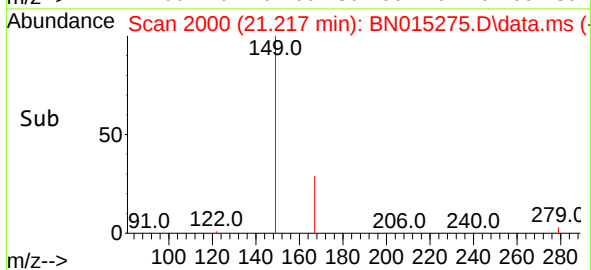
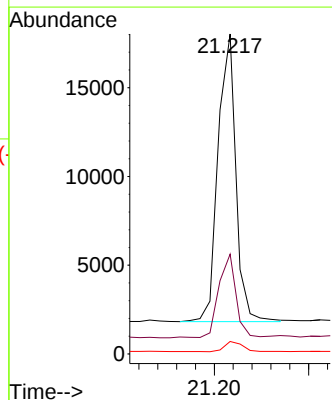
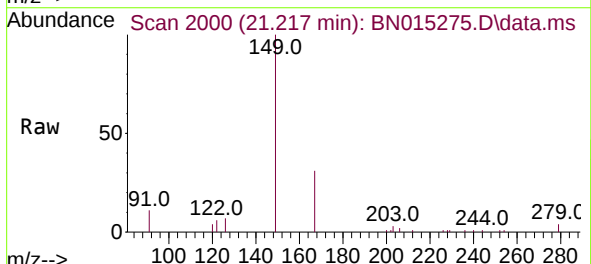
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210618DL

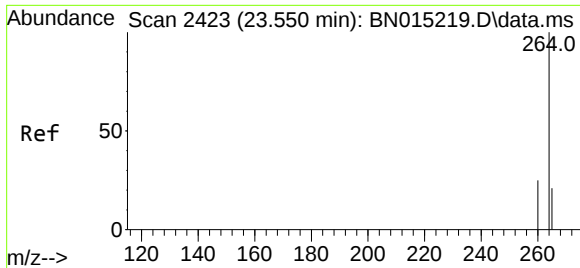
Tgt Ion:244 Resp: 53992
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 13.5 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.33 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN015275.D
 Acq: 02 Jul 2021 00:08

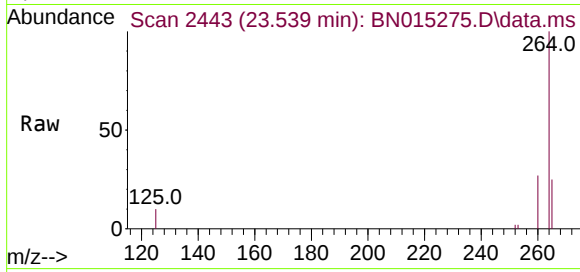
Tgt Ion:149 Resp: 21253
 Ion Ratio Lower Upper
 149 100
 167 28.3 28.9 43.3#
 279 3.6 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.539 min Scan# 2443
 Delta R.T. -0.011 min
 Lab File: BN015275.D
 Acq: 02 Jul 2021 00:08

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210618DL



Tgt Ion:264 Resp: 34181

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.6	31.0
265	24.7	21.4	32.2

