

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
 Data File : BN015276.D
 Acq On : 02 Jul 2021 00:43
 Operator : CG/JU
 Sample : M2783-22DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20210618DL

Quant Time: Jul 02 01:37:35 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)

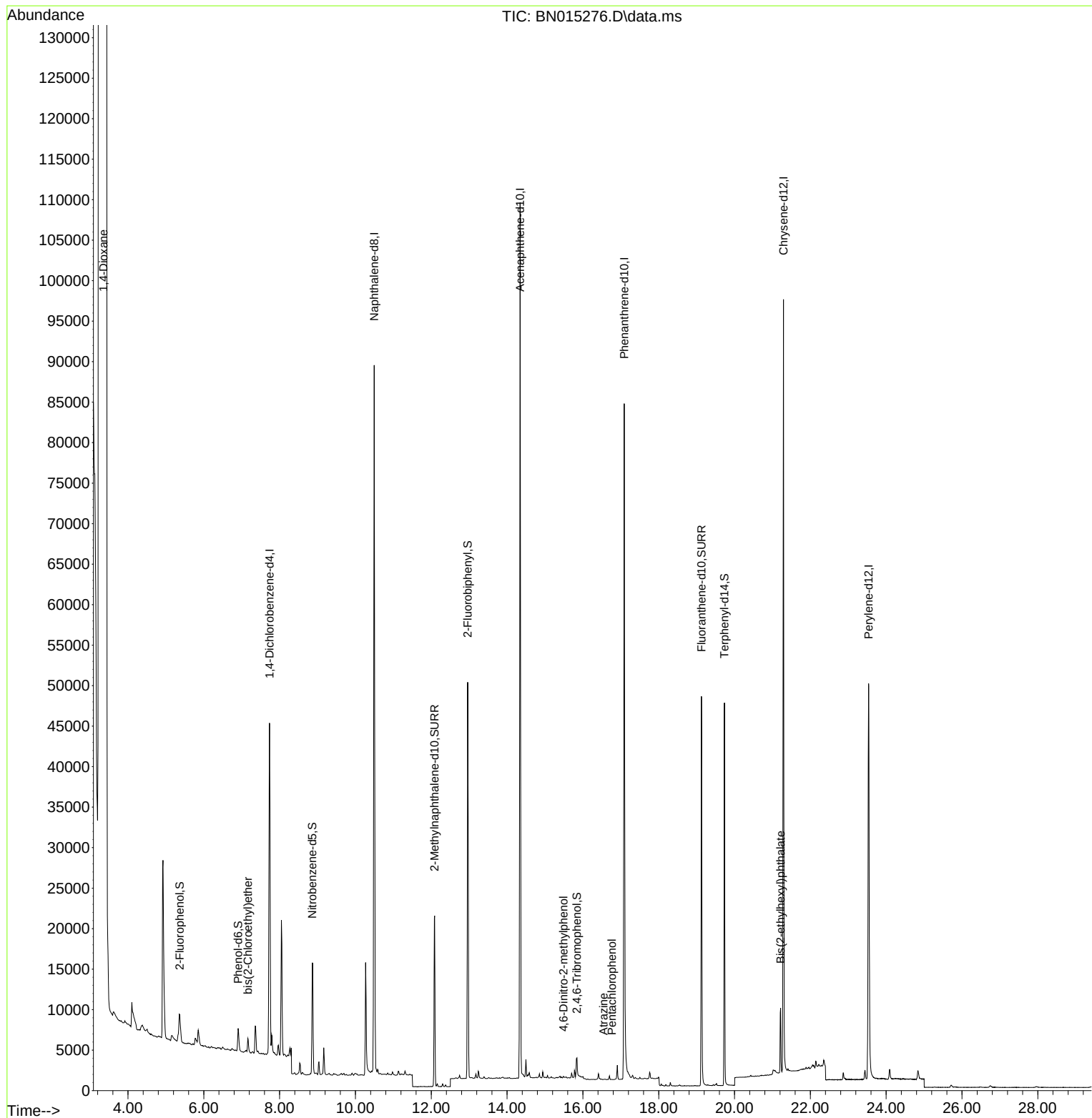
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	24922	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	114979	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	60261	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	118059	0.40	ng	0.00
29) Chrysene-d12	21.291	240	90949	0.40	ng	#-0.01
35) Perylene-d12	23.536	264	71373	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	4536	0.07	ng	0.00
5) Phenol-d6	6.905	99	2988	0.04	ng	0.00
8) Nitrobenzene-d5	8.861	82	13261	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	28616	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	2695	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	42501	0.17	ng	0.00
27) Fluoranthene-d10	19.128	212	54831	0.16	ng	0.00
31) Terphenyl-d14	19.733	244	47170	0.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	58177	4.98	ng	# 67
6) bis(2-Chloroethyl)ether	7.163	93	1582	0.02	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.487	198	3	0.19	ng	# 1
23) Atrazine	16.543	200	25	0.17	ng	# 11
24) Pentachlorophenol	16.762	266	17	0.24	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.217	149	8672	0.23	ng	# 86

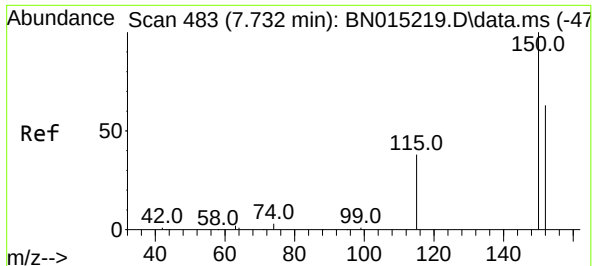
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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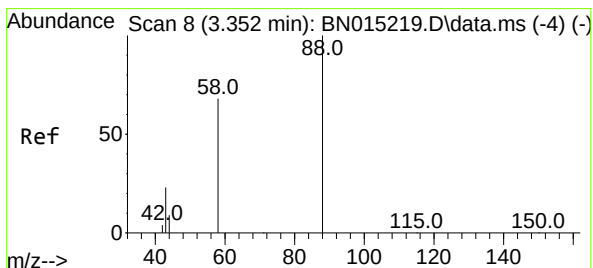
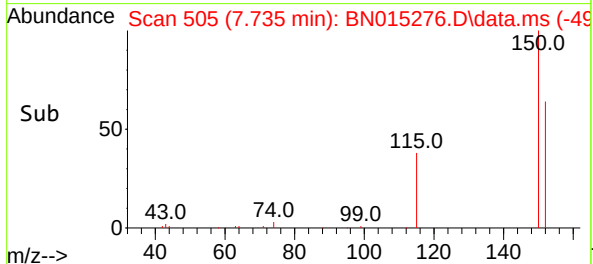
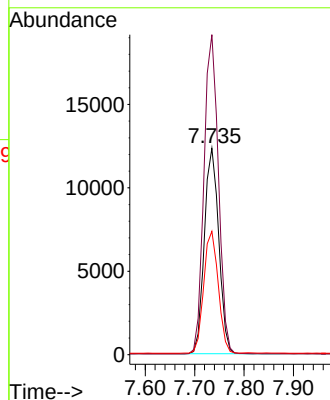
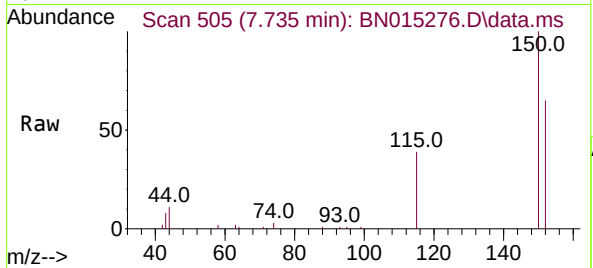




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015276.D
 Acq: 02 Jul 2021 00:43

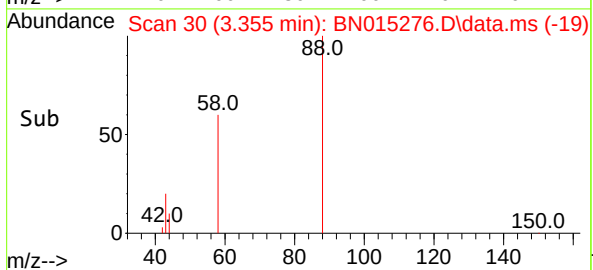
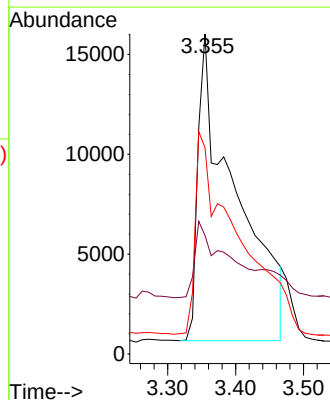
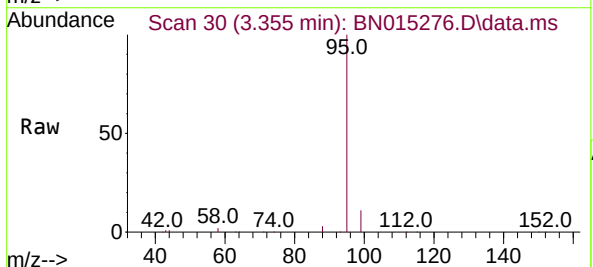
Instrument :
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 RE132D6-20210618DL

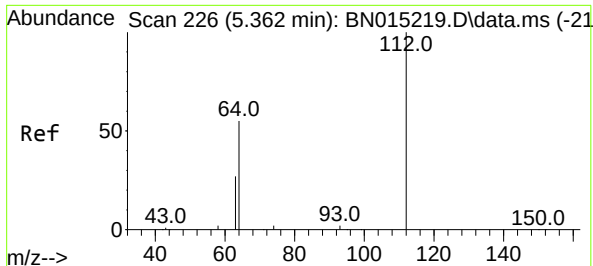
Tgt Ion:152 Resp: 24922
 Ion Ratio Lower Upper
 152 100
 150 155.0 119.0 178.6
 115 59.8 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 4.98 ng
 RT: 3.355 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN015276.D
 Acq: 02 Jul 2021 00:43

Tgt Ion: 88 Resp: 58177
 Ion Ratio Lower Upper
 88 100
 43 26.7 12.9 19.3#
 58 71.9 38.1 57.1#

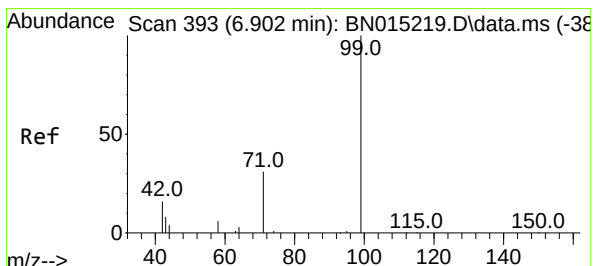
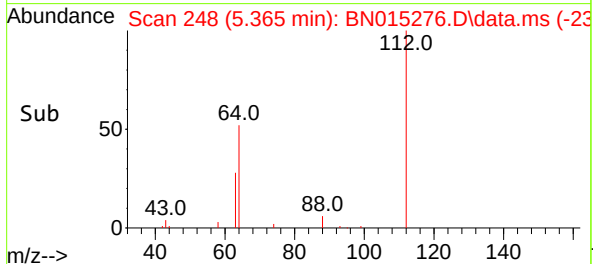
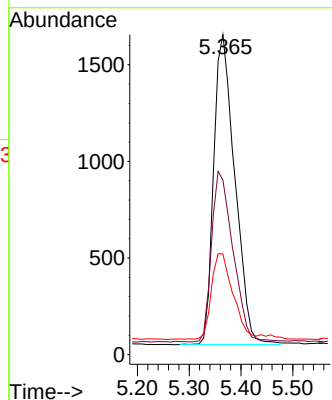
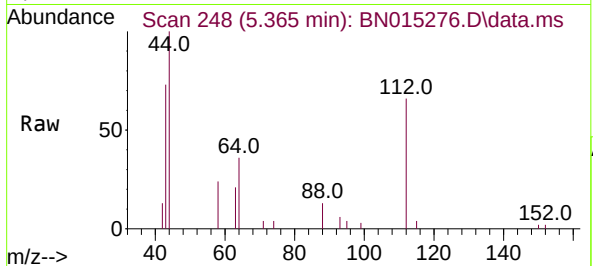




#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

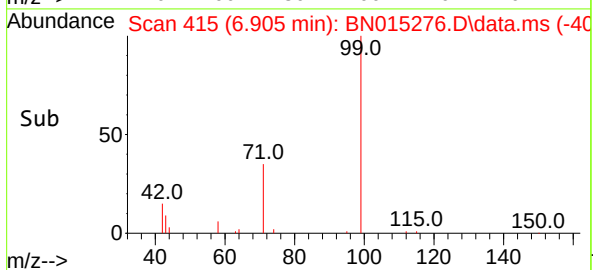
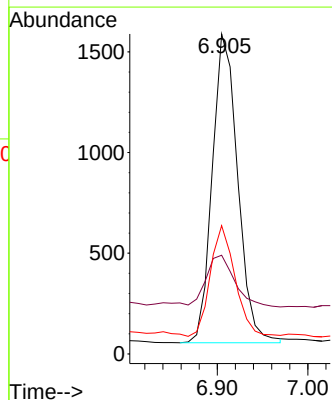
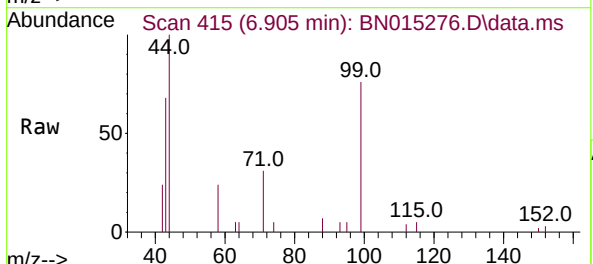
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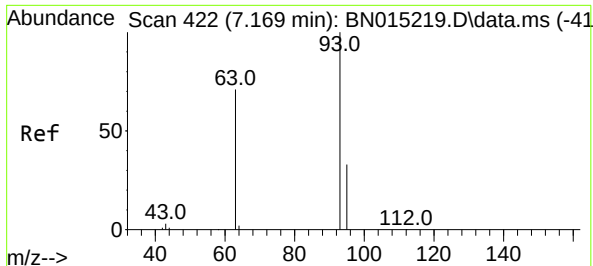
Tgt Ion:112 Resp: 4536
Ion Ratio Lower Upper
112 100
64 55.9 39.0 58.6
63 28.2 20.6 30.8



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

Tgt Ion: 99 Resp: 2988
Ion Ratio Lower Upper
99 100
42 18.8 8.9 13.3#
71 34.9 35.6 53.4#

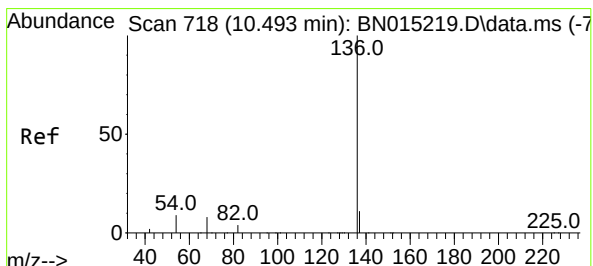
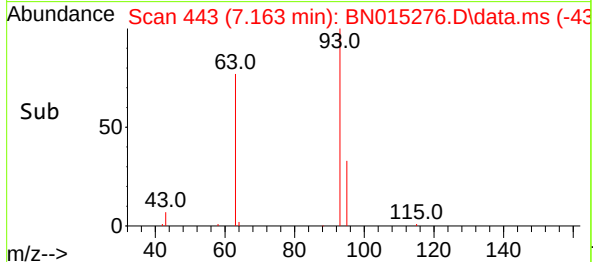
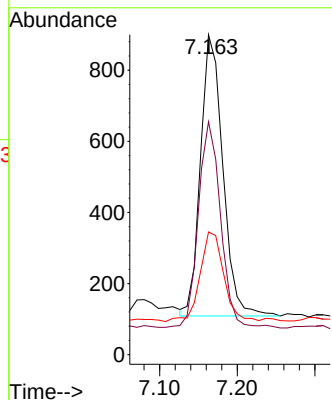
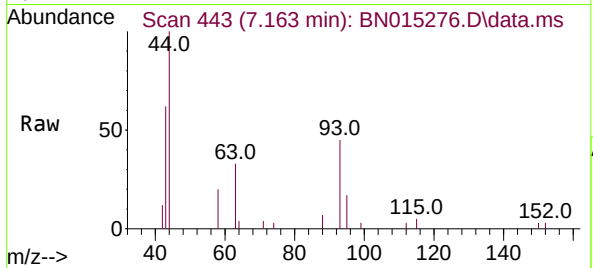




#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.006 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

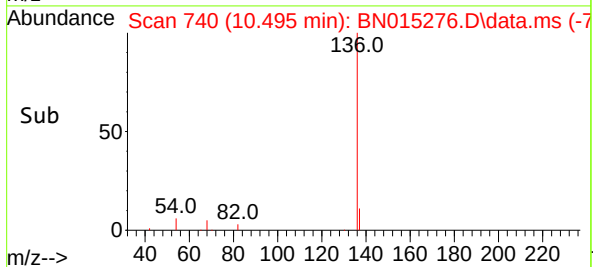
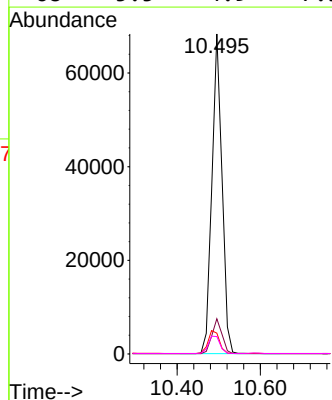
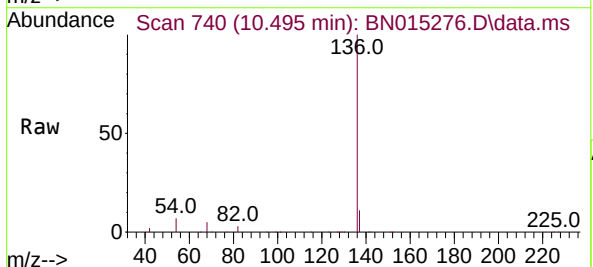
Instrument :
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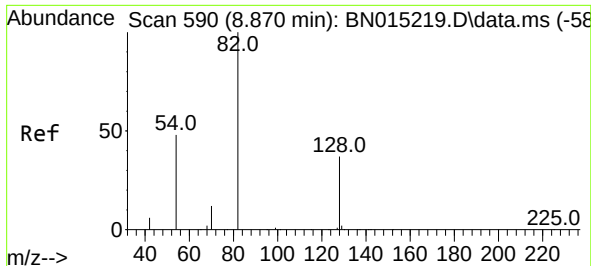
Tgt Ion: 93 Resp: 1582
Ion Ratio Lower Upper
93 100
63 73.7 46.6 70.0#
95 33.9 28.6 42.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

Tgt Ion:136 Resp: 114979
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 6.5 5.4 8.2
68 5.5 4.9 7.3

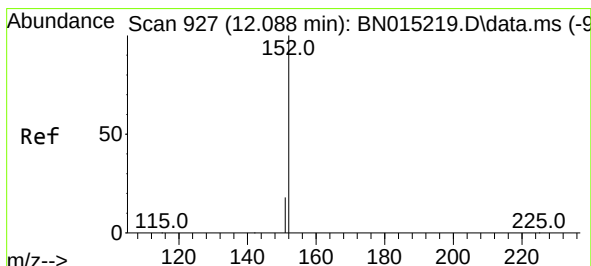
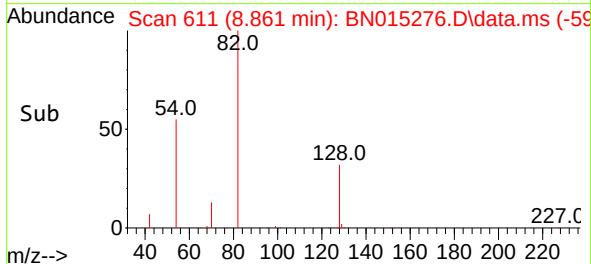
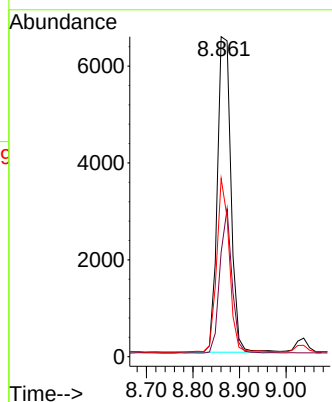
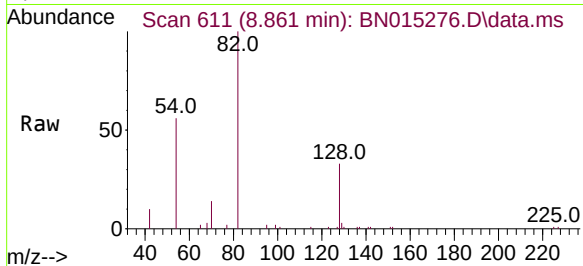




#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 8.861 min Scan# 611
Delta R.T. -0.009 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

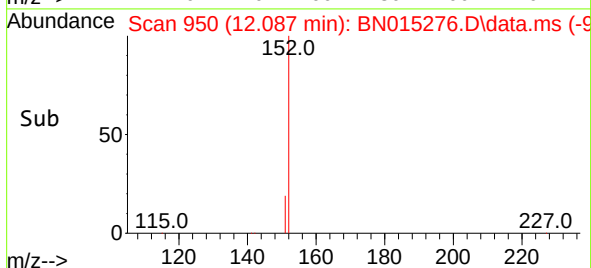
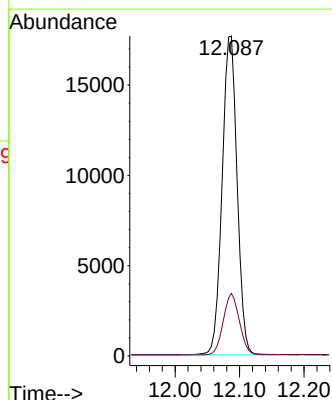
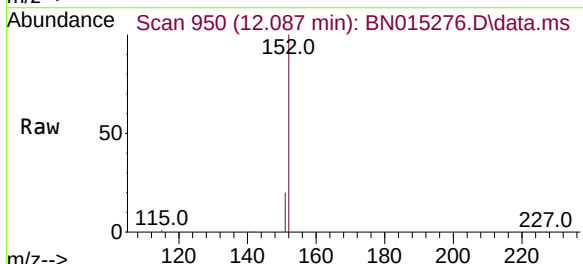
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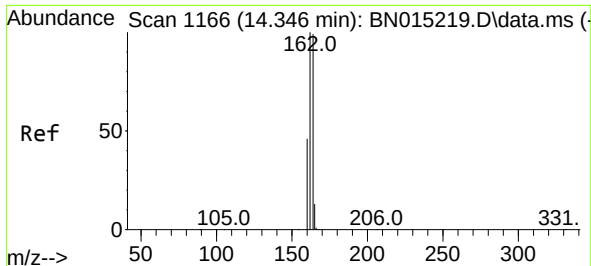
Tgt Ion: 82 Resp: 13261
Ion Ratio Lower Upper
82 100
128 32.7 31.6 47.4
54 55.7 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.15 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

Tgt Ion: 152 Resp: 28616
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1

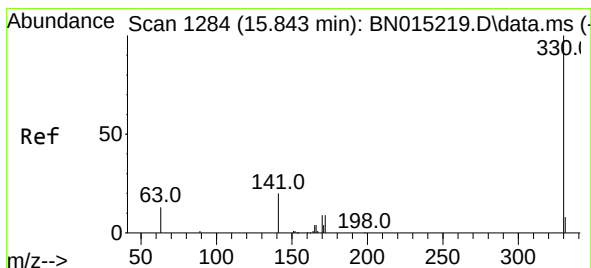
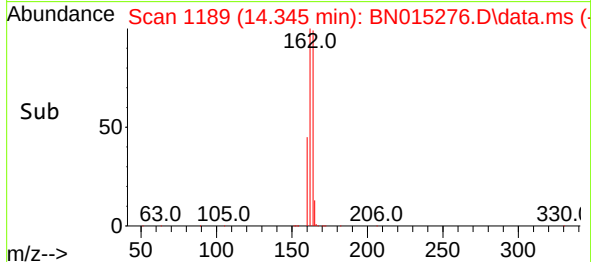
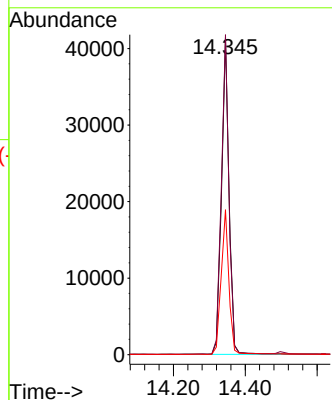
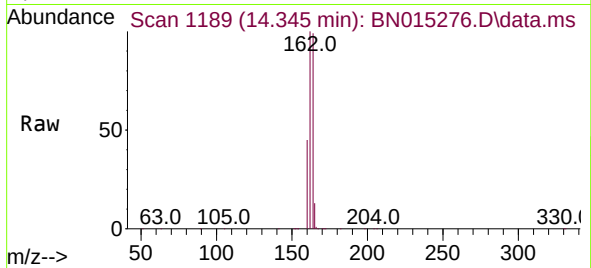




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

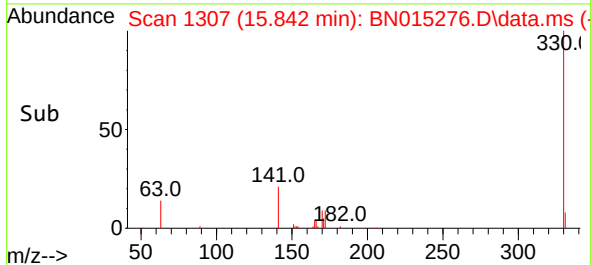
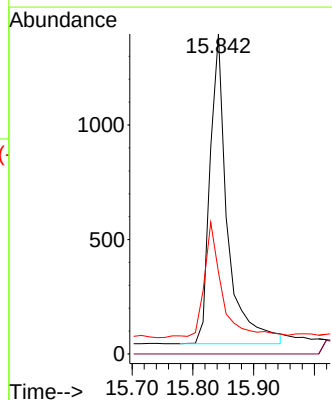
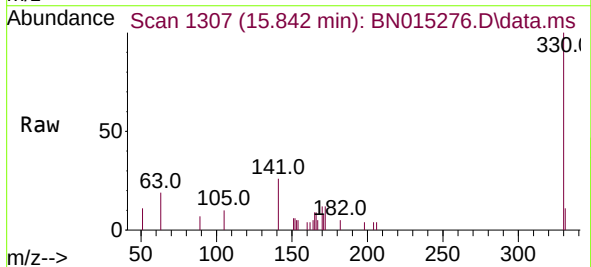
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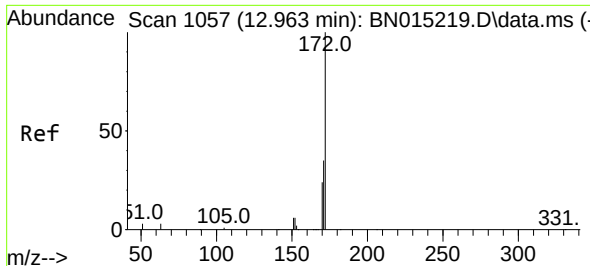
Tgt Ion:164 Resp: 60261
Ion Ratio Lower Upper
164 100
162 100.8 83.8 125.6
160 45.7 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

Tgt Ion:330 Resp: 2695
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.2 22.4 33.6#

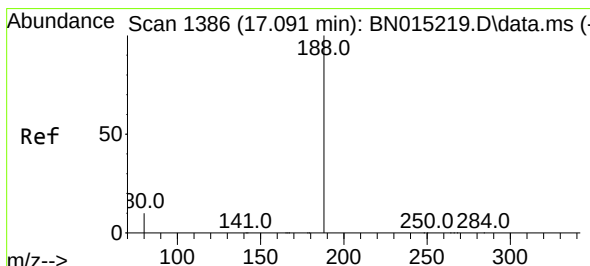
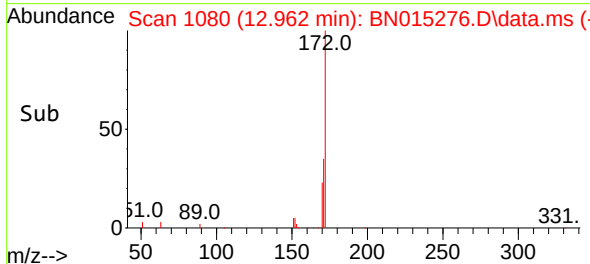
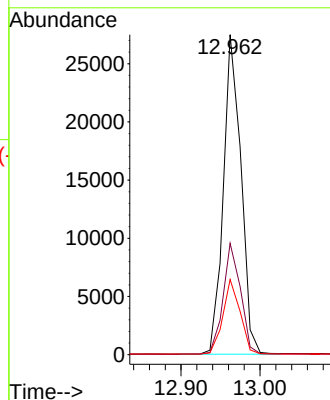
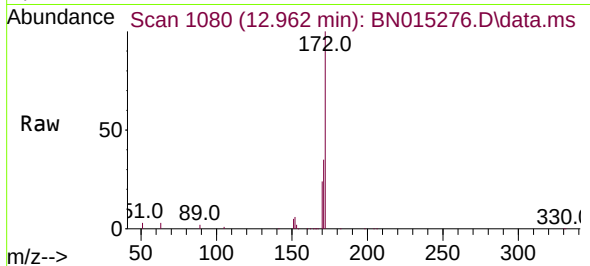




#15
2-Fluorobiphenyl
Concen: 0.17 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

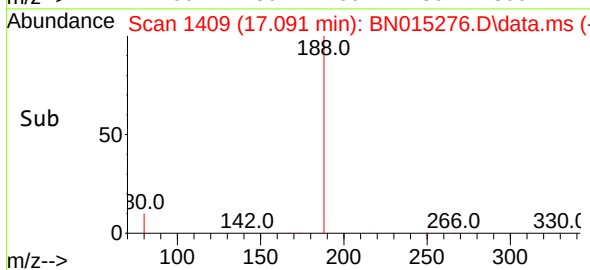
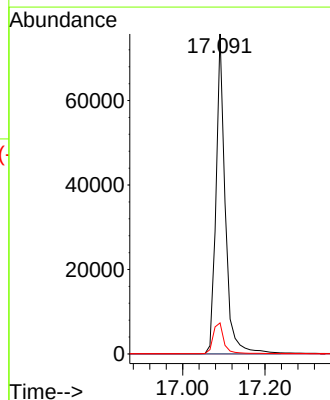
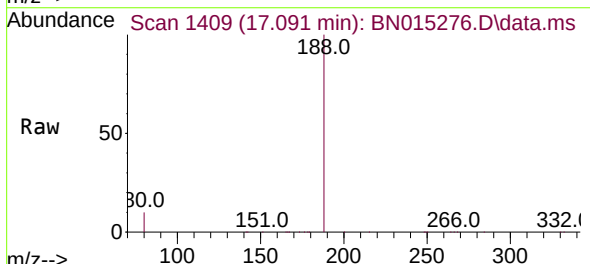
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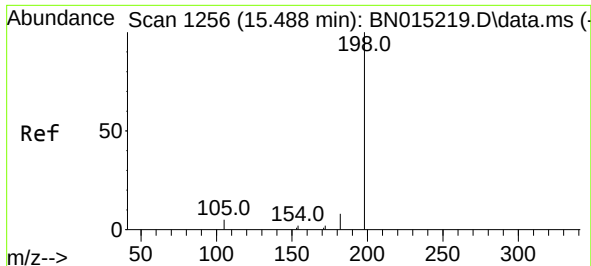
Tgt Ion:172	Resp:	42501
Ion Ratio	Lower	Upper
172	100	
171	34.8	30.6 45.8
170	23.5	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

Tgt Ion:188	Resp:	118059
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.7	9.0 13.4

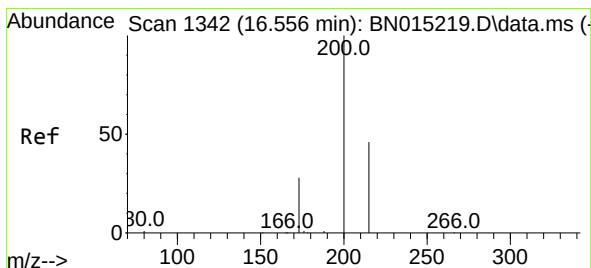
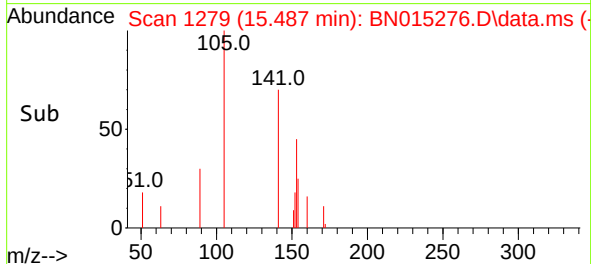
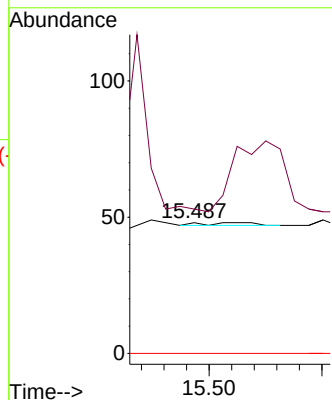
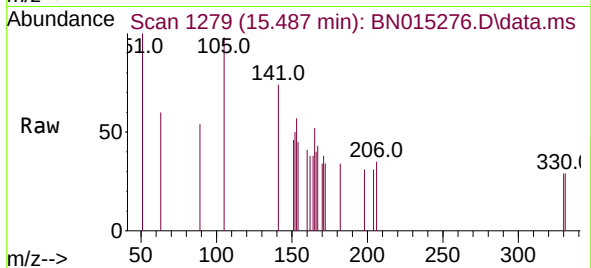




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.487 min Scan# 1279
Delta R.T. -0.001 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

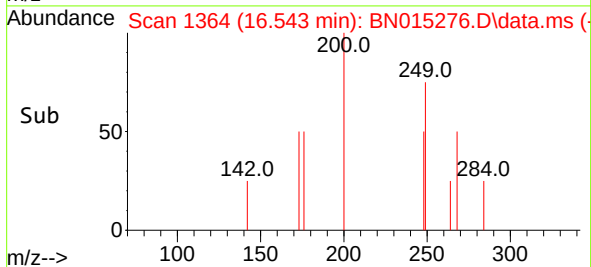
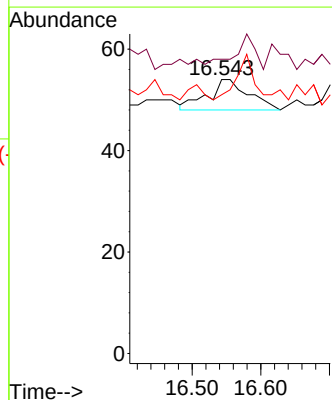
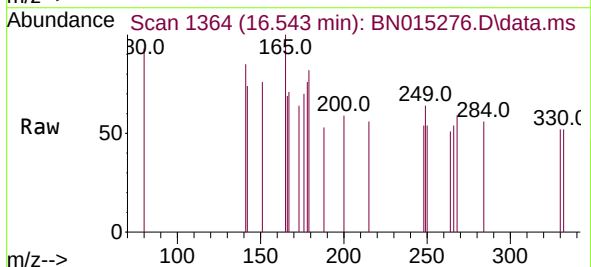
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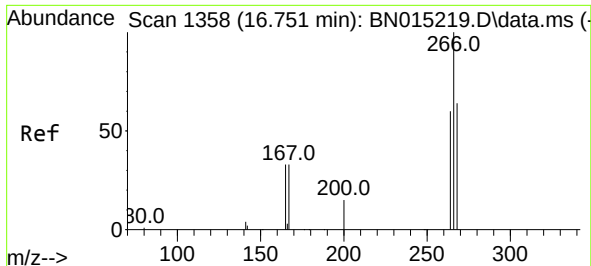
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 110.4 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.013 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

Tgt Ion:200 Resp: 25
Ion Ratio Lower Upper
200 100
173 107.4 21.7 32.5#
215 94.4 43.1 64.7#

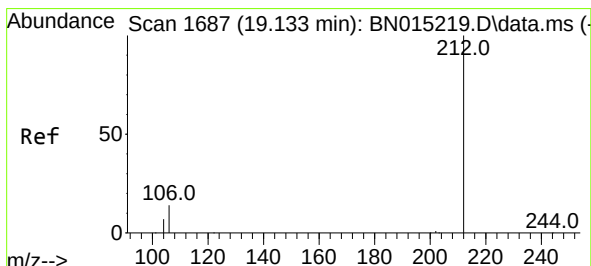
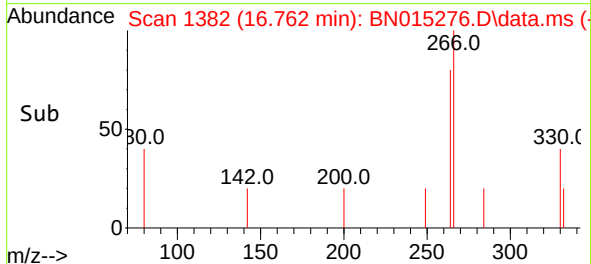
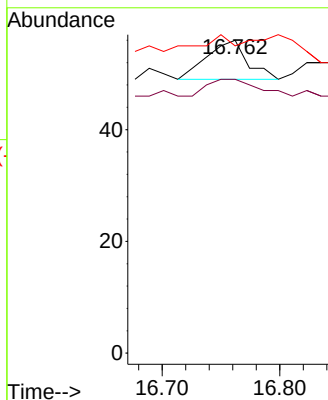
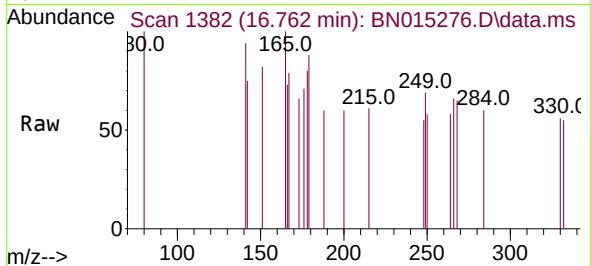




#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.762 min Scan# 1382
Delta R.T. 0.011 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

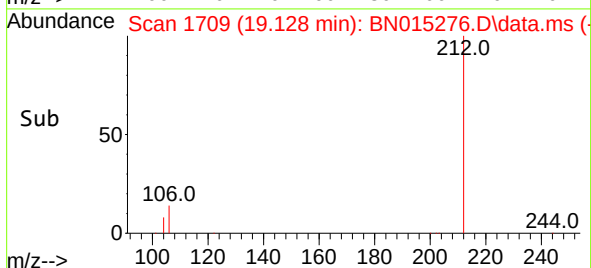
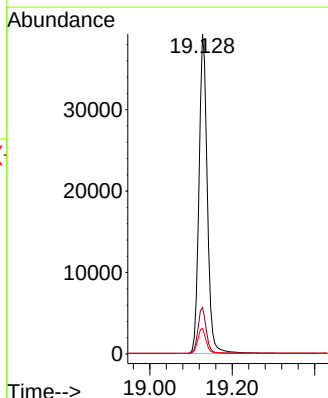
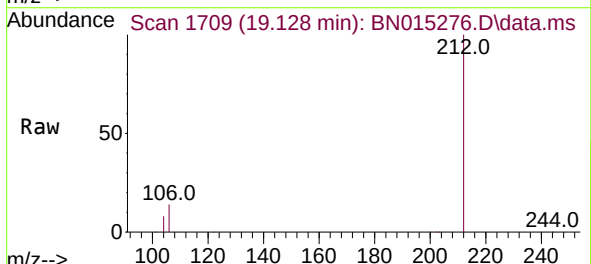
Instrument :
BNA_N
ClientSampleId :
RE132D6-20210618DL

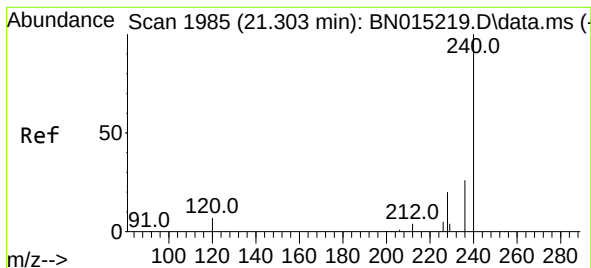
Tgt Ion:266	Resp:	17
Ion Ratio	Lower	Upper
266	100	
264	52.9	51.0 76.4
268	35.3	50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.16 ng
RT: 19.128 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

Tgt Ion:212	Resp:	54831
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: BN015276.D

Acq: 02 Jul 2021 00:43

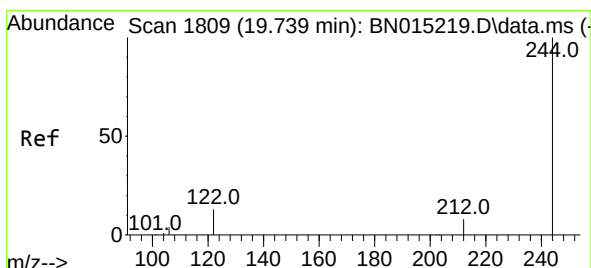
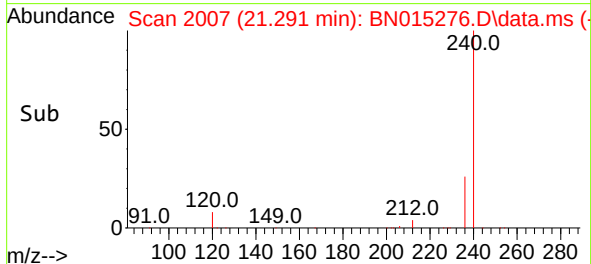
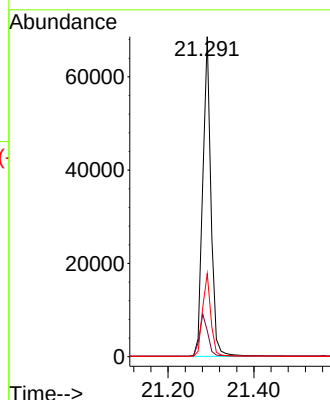
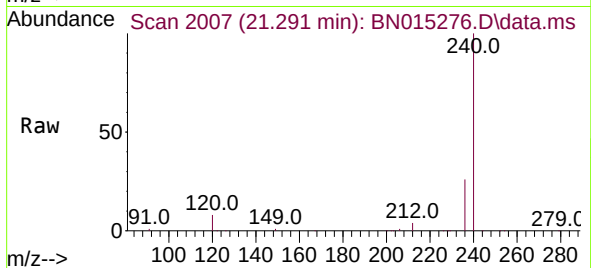
Tgt Ion:240 Resp: 90949

Ion Ratio Lower Upper

240 100

120 8.1 4.2 6.4#

236 26.0 21.4 32.2



#31

Terphenyl-d14

Concen: 0.22 ng

RT: 19.733 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BN015276.D

Acq: 02 Jul 2021 00:43

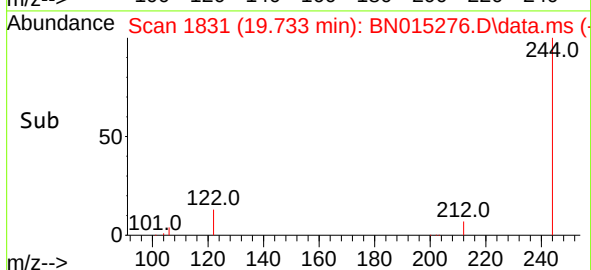
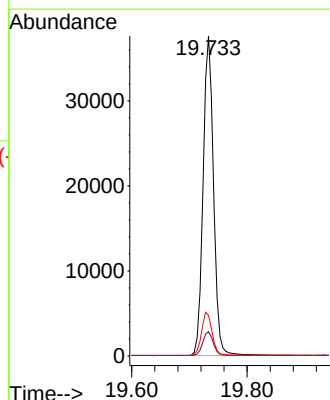
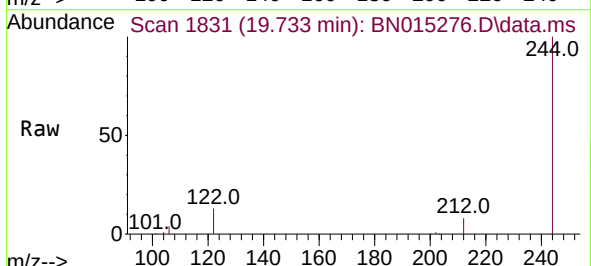
Tgt Ion:244 Resp: 47170

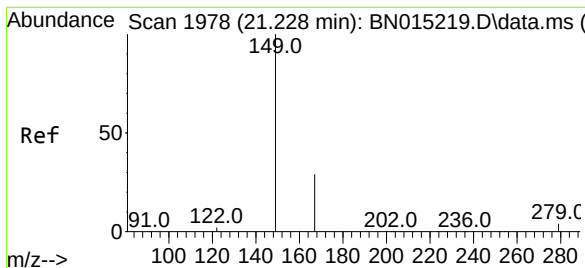
Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 12.7 6.2 9.2#

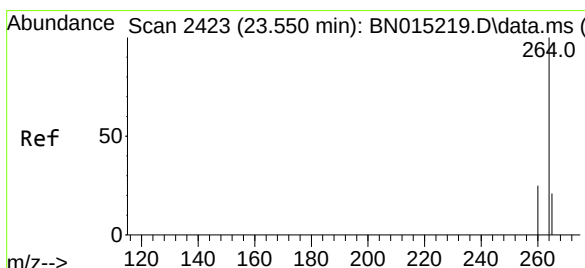
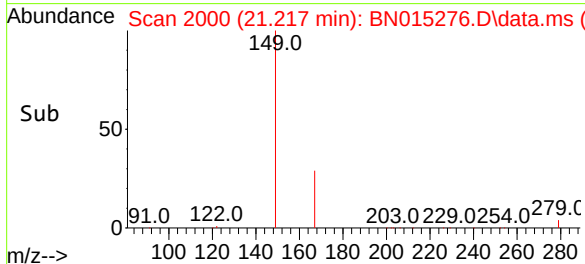
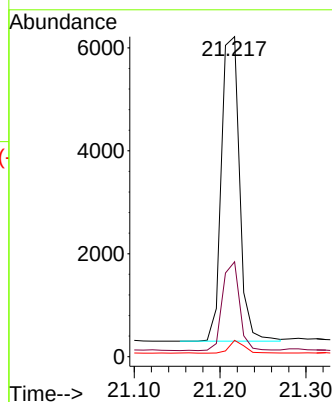
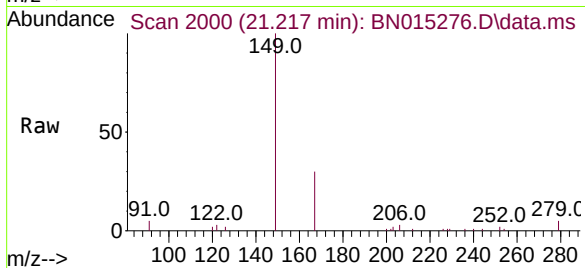




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

Instrument :
BNA_N
ClientSampleId :
RE132D6-20210618DL

Tgt Ion:149 Resp: 8672
Ion Ratio Lower Upper
149 100
167 27.6 28.9 43.3#
279 3.4 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.536 min Scan# 2442
Delta R.T. -0.014 min
Lab File: BN015276.D
Acq: 02 Jul 2021 00:43

Tgt Ion:264 Resp: 71373
Ion Ratio Lower Upper
264 100
260 25.1 20.6 31.0
265 22.8 21.4 32.2

