

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
 Data File : BN015288.D
 Acq On : 02 Jul 2021 09:12
 Operator : CG/JU
 Sample : M2783-18DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20210618DL

Quant Time: Jul 02 09:43:46 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)

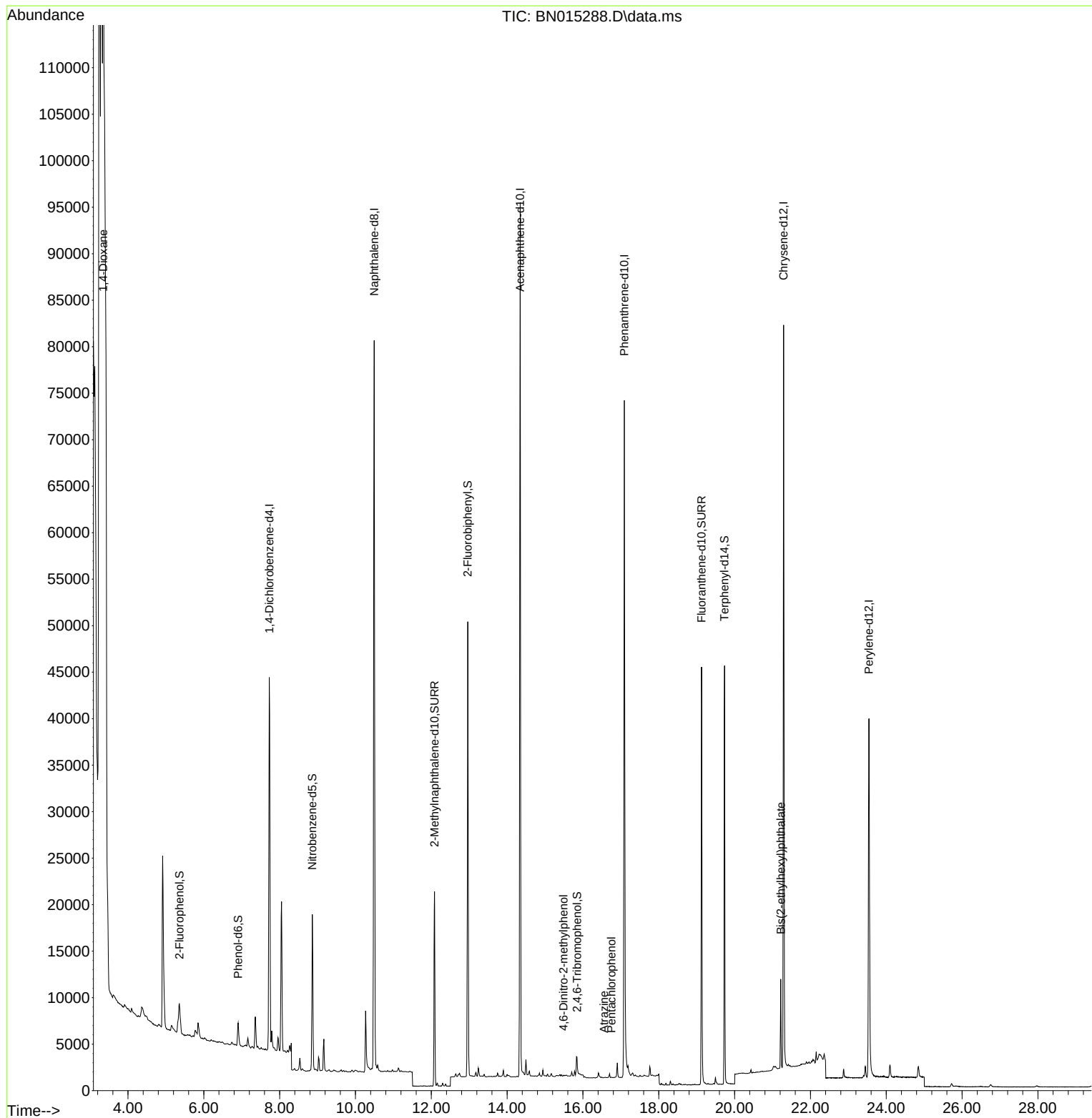
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	23996	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	107919	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	55657	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	107341	0.40	ng	0.00
29) Chrysene-d12	21.291	240	75388	0.40	ng	#-0.01
35) Perylene-d12	23.543	264	56804	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	4119	0.07	ng	0.00
5) Phenol-d6	6.905	99	2716	0.04	ng	0.00
8) Nitrobenzene-d5	8.860	82	14514	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	28077	0.16	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	2369	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	41523	0.18	ng	0.00
27) Fluoranthene-d10	19.127	212	51533	0.16	ng	0.00
31) Terphenyl-d14	19.733	244	45032	0.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.346	88	80538	7.16	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.487	198	8	0.19	ng	# 5
23) Atrazine	16.555	200	18	0.17	ng	# 16
24) Pentachlorophenol	16.750	266	42	0.25	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.217	149	8376	0.24	ng	# 86

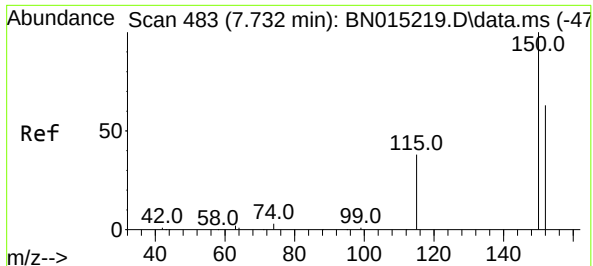
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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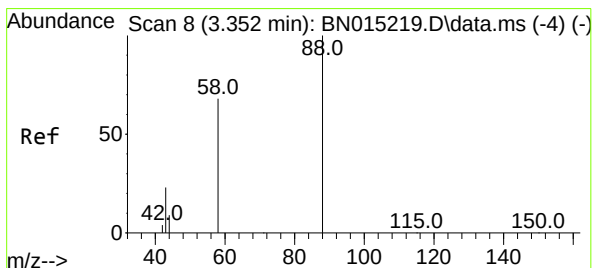
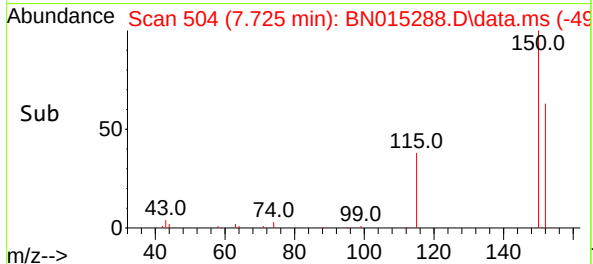
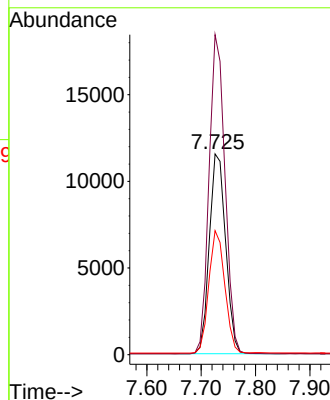
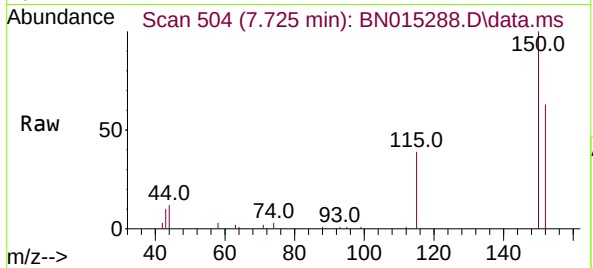




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. -0.007 min
 Lab File: BN015288.D
 Acq: 02 Jul 2021 09:12

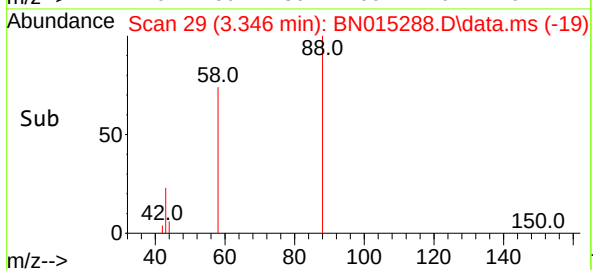
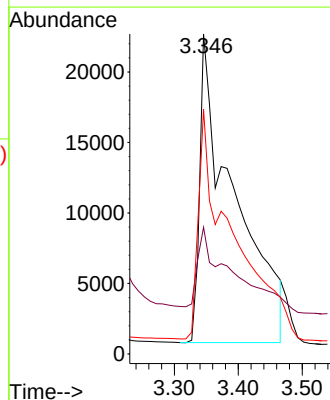
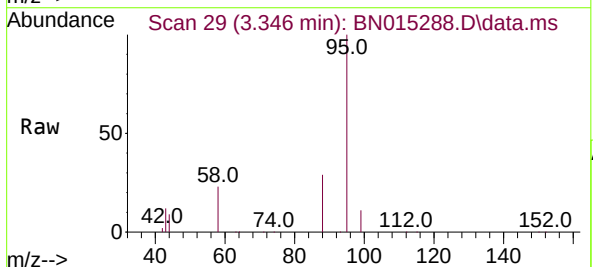
Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20210618DL

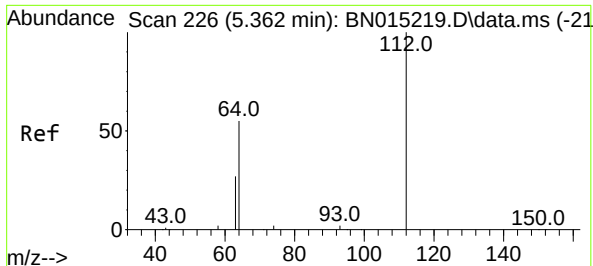
Tgt Ion:152 Resp: 23996
 Ion Ratio Lower Upper
 152 100
 150 159.3 119.0 178.6
 115 61.7 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 7.16 ng
 RT: 3.346 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015288.D
 Acq: 02 Jul 2021 09:12

Tgt Ion: 88 Resp: 80538
 Ion Ratio Lower Upper
 88 100
 43 23.6 12.9 19.3#
 58 71.7 38.1 57.1#

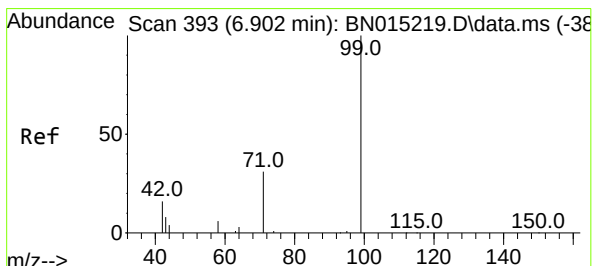
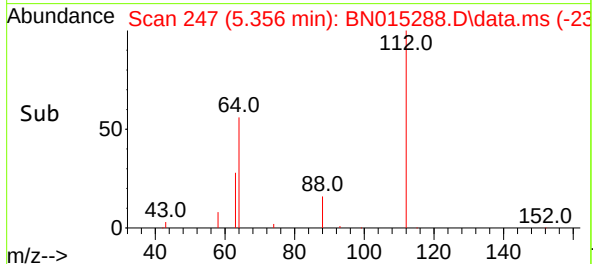
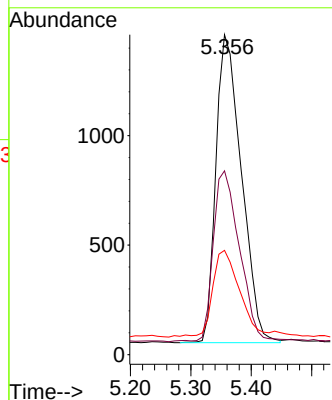
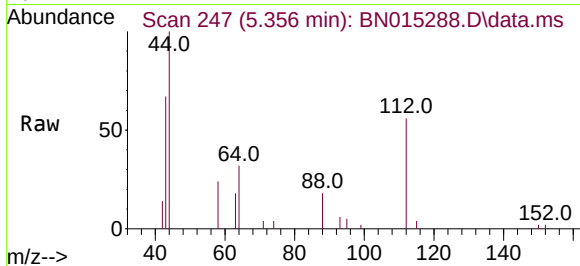




#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.356 min Scan# 247
Delta R.T. -0.006 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

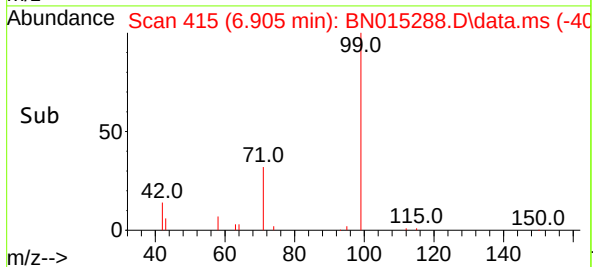
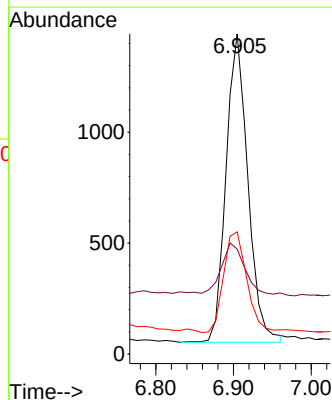
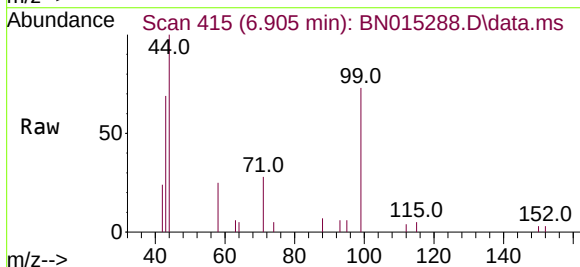
Instrument :
BNA_N
ClientSampleId :
RE132D4-20210618DL

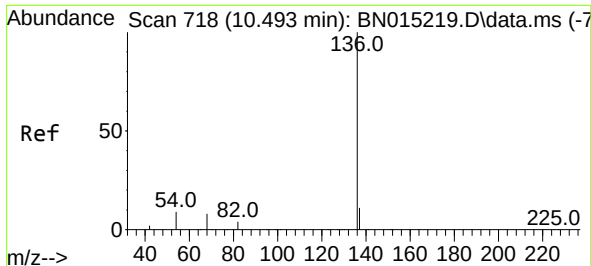
Tgt Ion:	112	Resp:	4119
Ion	Ratio	Lower	Upper
112	100		
64	56.3	39.0	58.6
63	28.8	20.6	30.8



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

Tgt Ion:	99	Resp:	2716
Ion	Ratio	Lower	Upper
99	100		
42	17.1	8.9	13.3#
71	34.5	35.6	53.4#

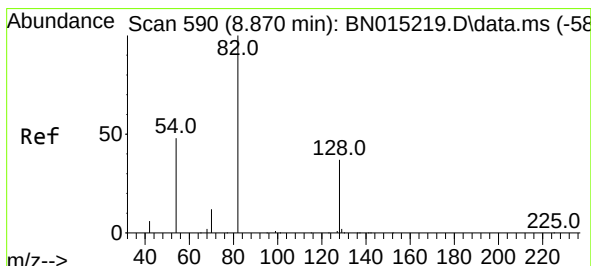
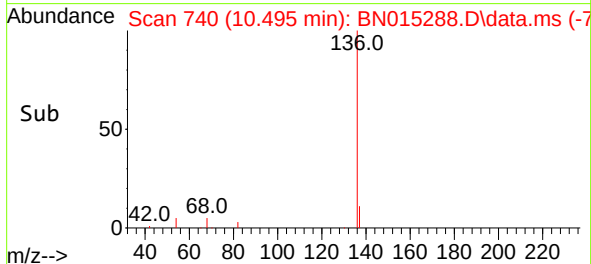
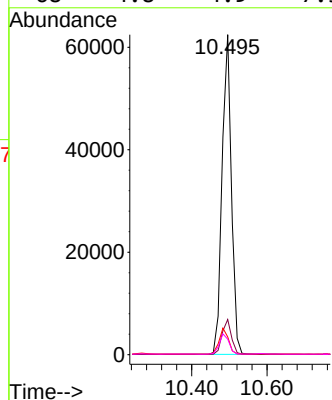
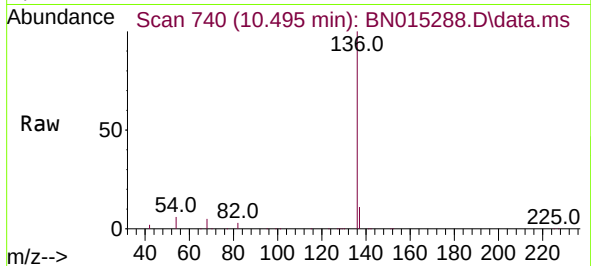




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

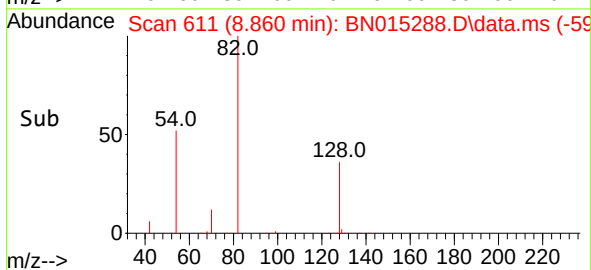
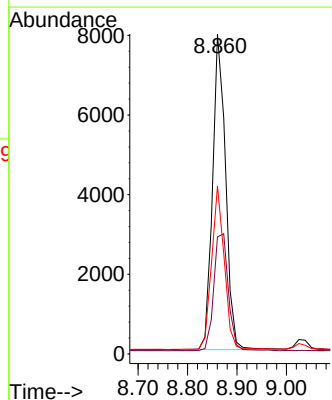
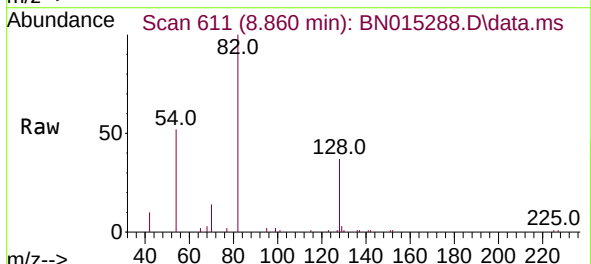
Instrument :
BNA_N
ClientSampleId :
RE132D4-20210618DL

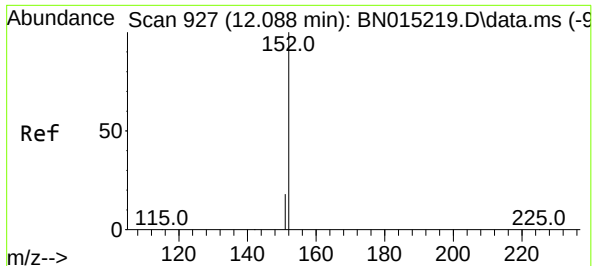
Tgt Ion:	136	Resp:	107919
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	5.6	5.4	8.2
68	4.8	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.010 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

Tgt Ion:	82	Resp:	14514
Ion	Ratio	Lower	Upper
82	100		
128	36.6	31.6	47.4
54	52.5	29.0	43.4

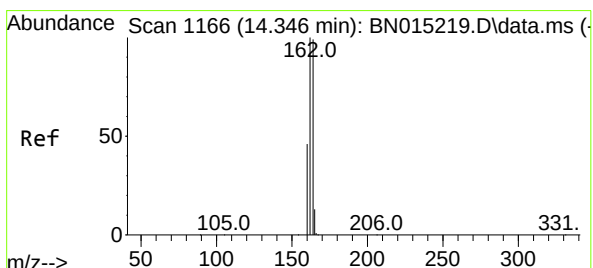
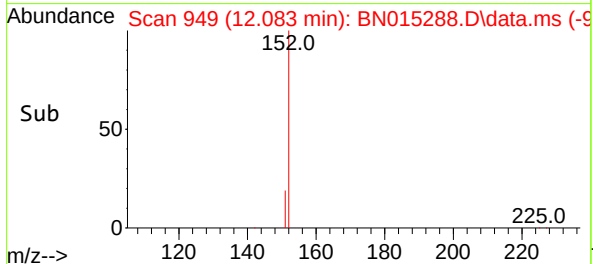
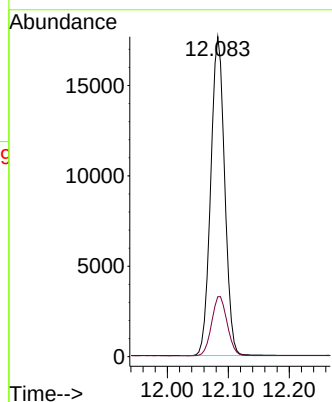
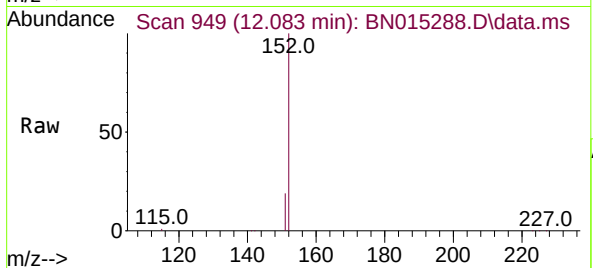




#11
2-Methylnaphthalene-d10
Concen: 0.16 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

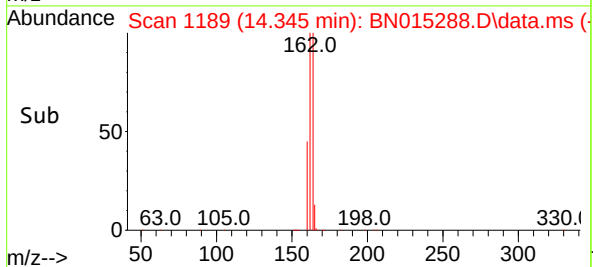
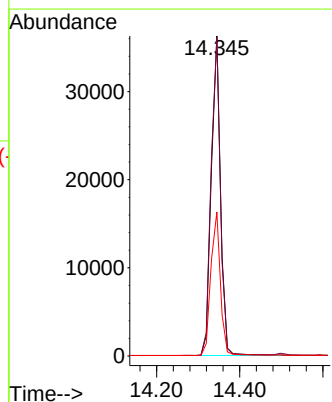
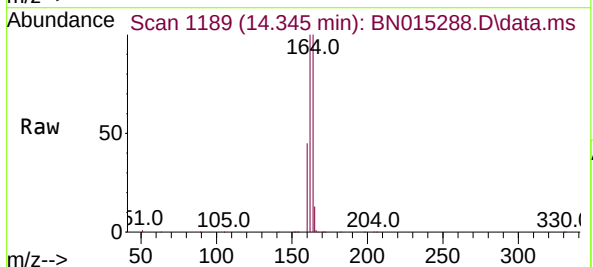
Instrument :
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ClientSampleId :
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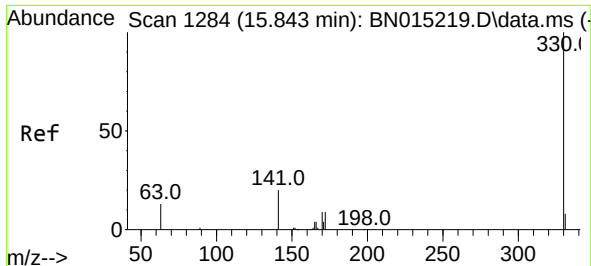
Tgt Ion:152 Resp: 28077
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

Tgt Ion:164 Resp: 55657
Ion Ratio Lower Upper
164 100
162 99.5 83.8 125.6
160 45.0 37.4 56.0

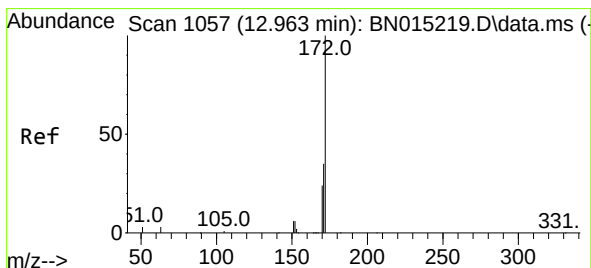
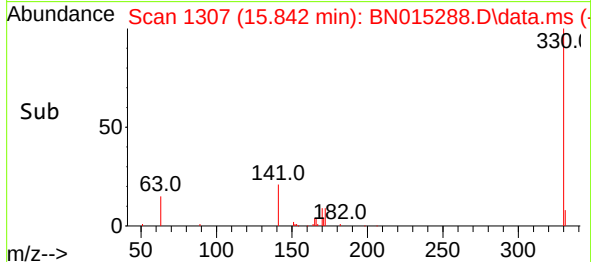
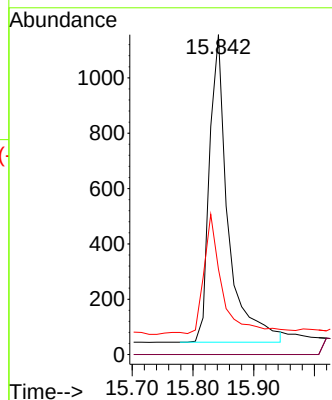
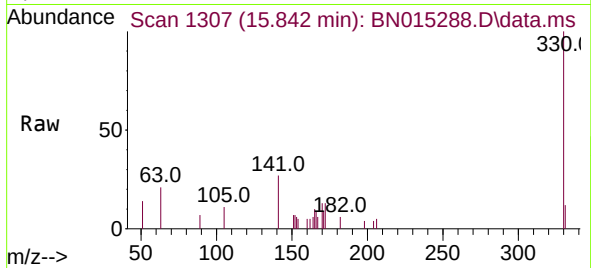




#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

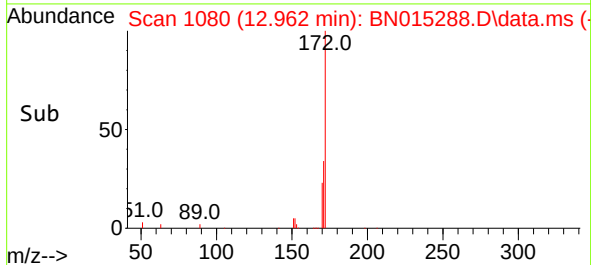
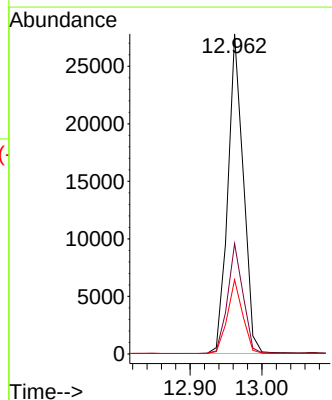
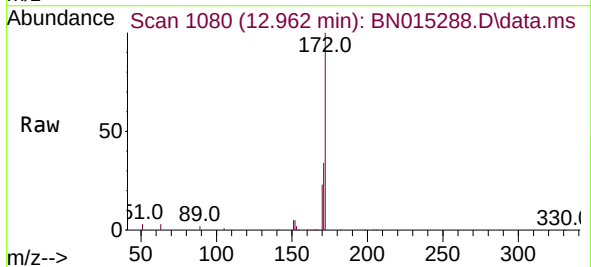
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ClientSampleId :
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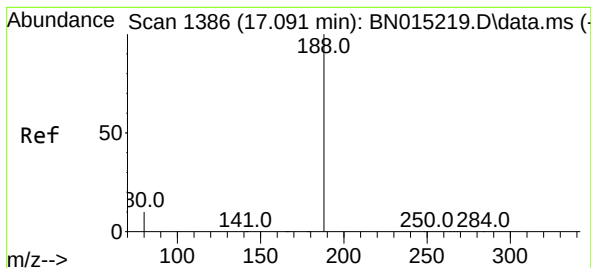
Tgt Ion: 330 Resp: 2369
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.7 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

Tgt Ion: 172 Resp: 41523
Ion Ratio Lower Upper
172 100
171 34.5 30.6 45.8
170 23.2 20.2 30.4

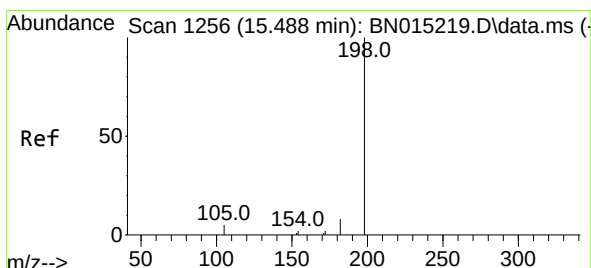
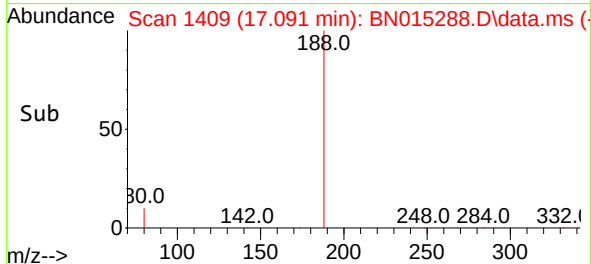
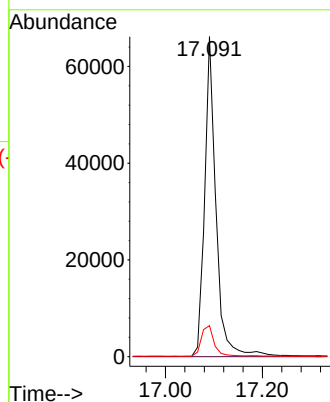
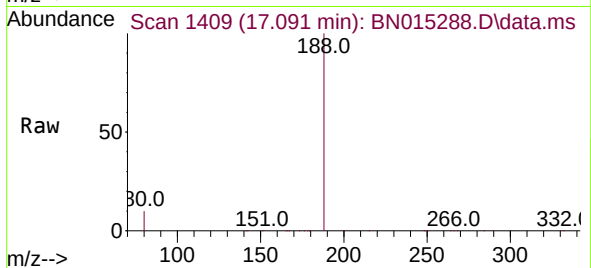




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

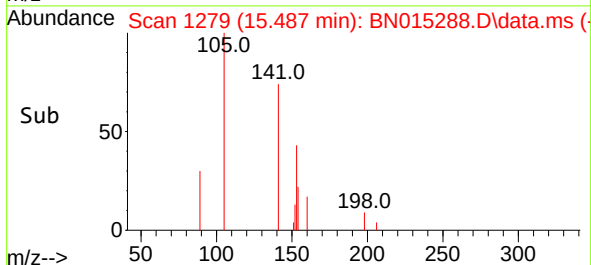
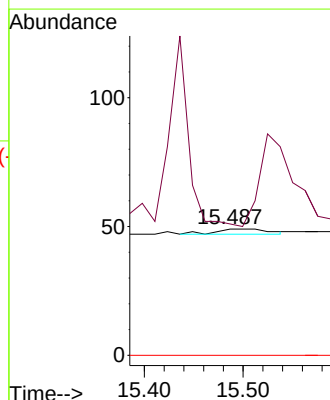
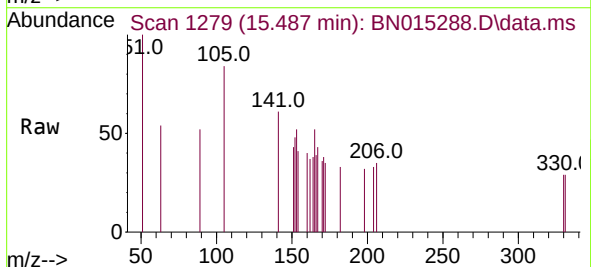
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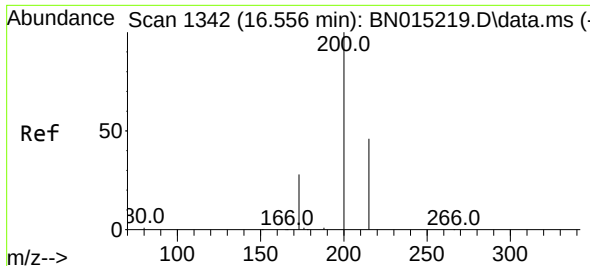
Tgt Ion:188 Resp: 107341
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.487 min Scan# 1279
Delta R.T. -0.001 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 104.1 34.5 51.7#
77 0.0 0.0 0.0

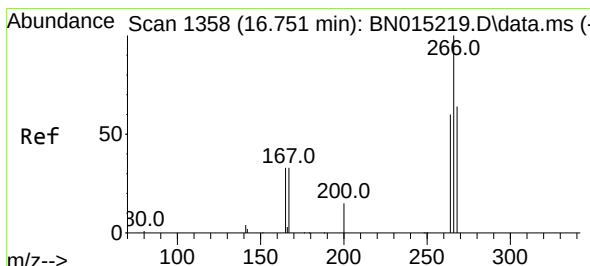
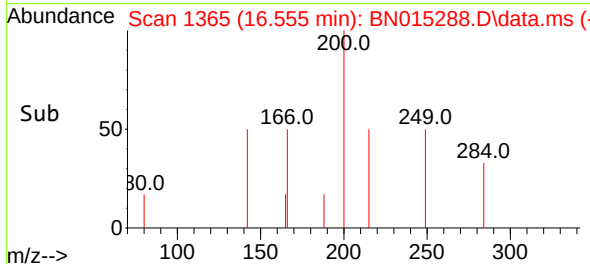
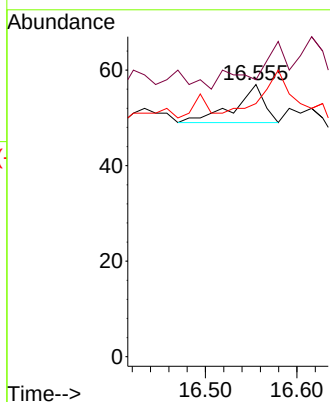
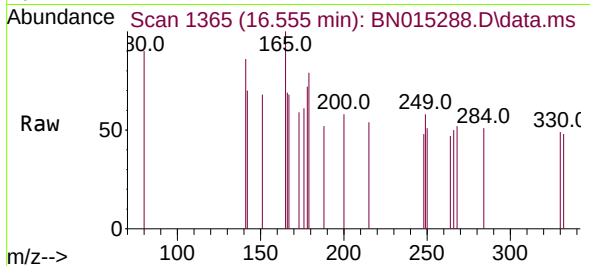




#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

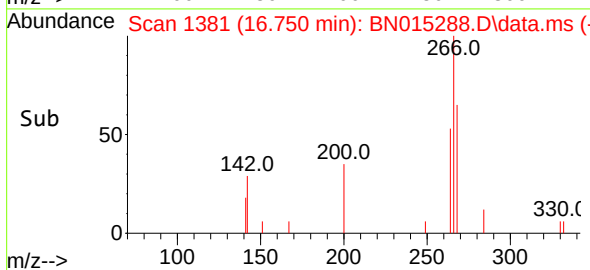
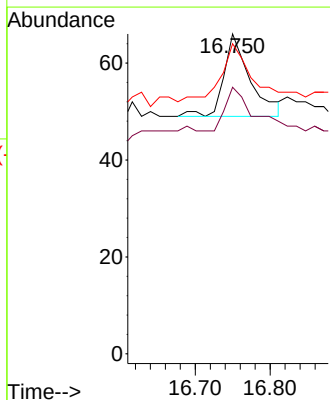
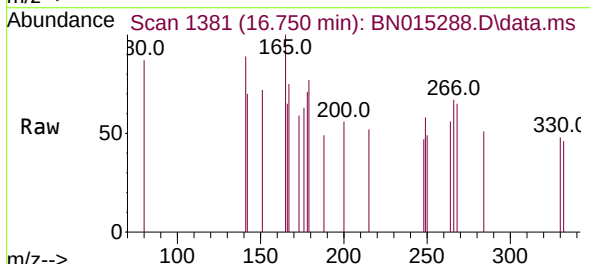
Instrument :
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RE132D4-20210618DL

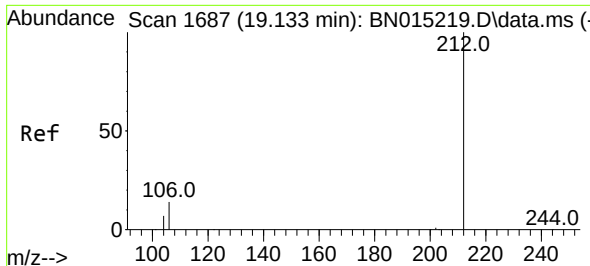
Tgt Ion:200 Resp: 18
Ion Ratio Lower Upper
200 100
173 101.8 21.7 32.5#
215 93.0 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

Tgt Ion:266 Resp: 42
Ion Ratio Lower Upper
266 100
264 57.1 51.0 76.4
268 88.1 50.6 76.0#

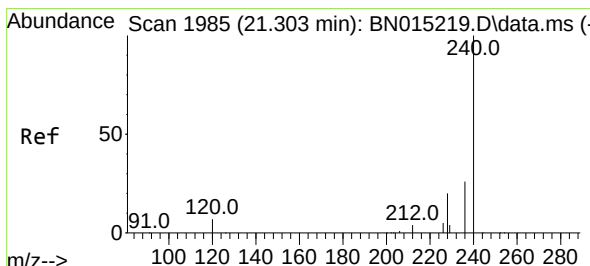
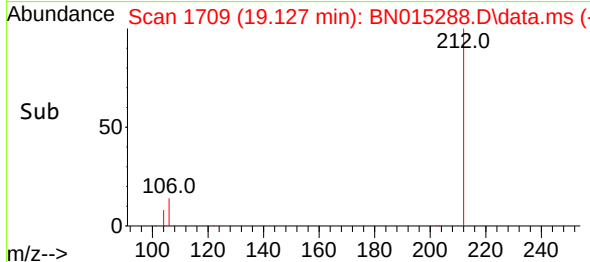
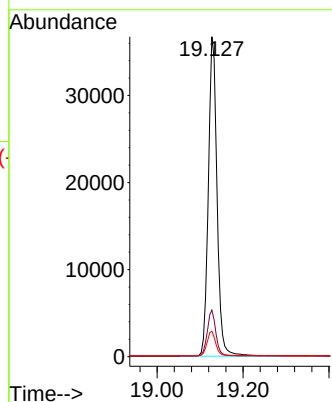
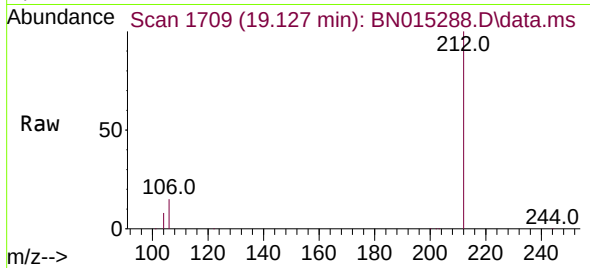




#27
Fluoranthene-d10
Concen: 0.16 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

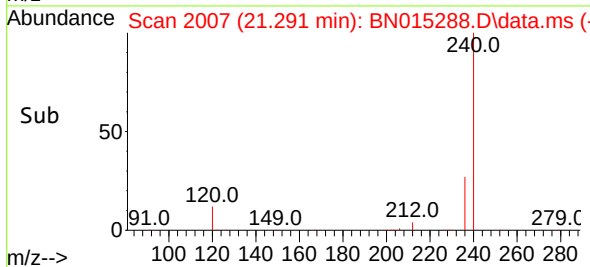
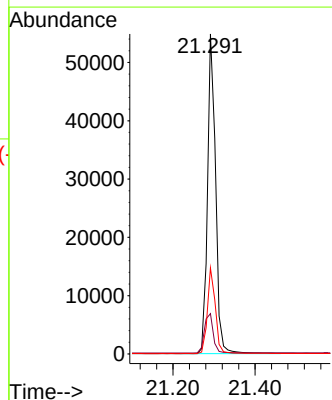
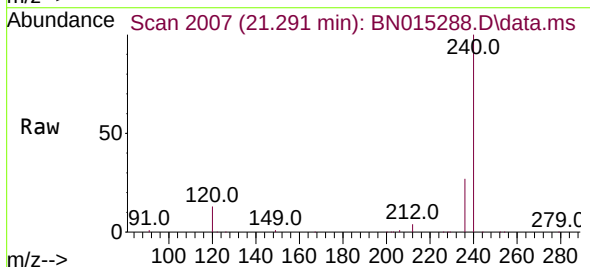
Instrument :
BNA_N
ClientSampleId :
RE132D4-20210618DL

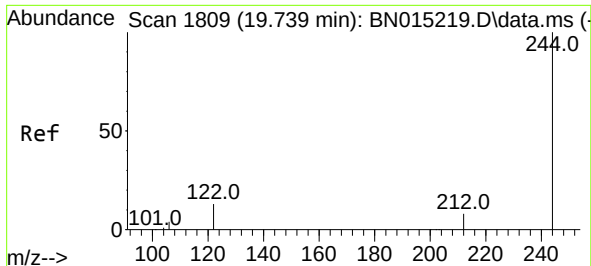
Tgt Ion:212 Resp: 51533
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 7.8 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015288.D
Acq: 02 Jul 2021 09:12

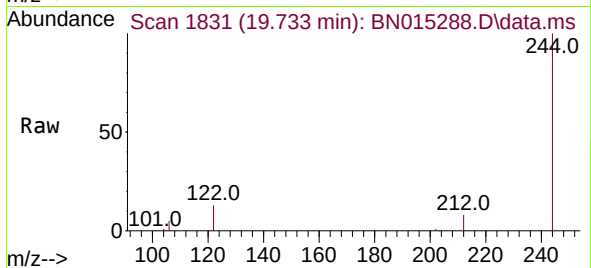
Tgt Ion:240 Resp: 75388
Ion Ratio Lower Upper
240 100
120 12.6 4.2 6.4#
236 26.9 21.4 32.2



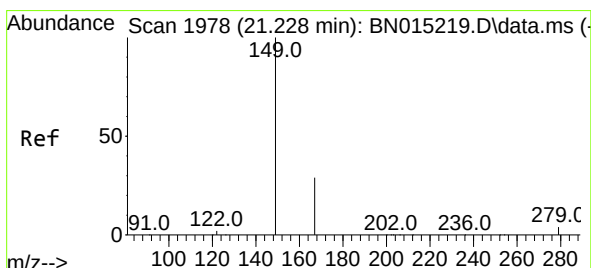
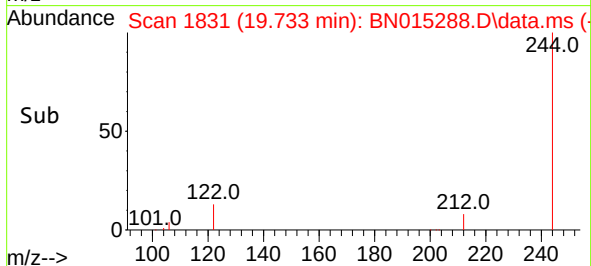
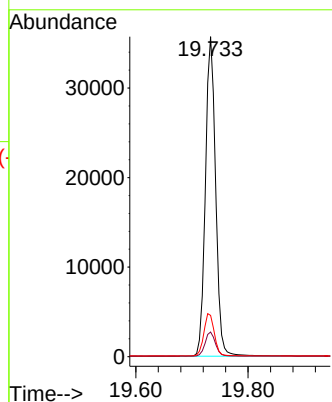


#31
 Terphenyl-d14
 Concen: 0.26 ng
 RT: 19.733 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BN015288.D
 Acq: 02 Jul 2021 09:12

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20210618DL

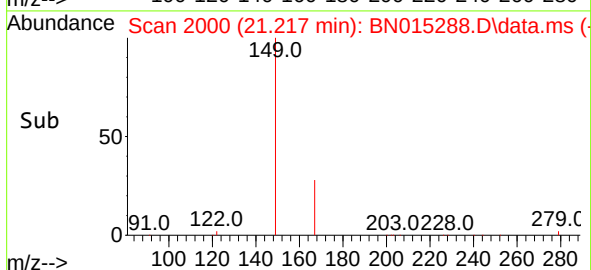
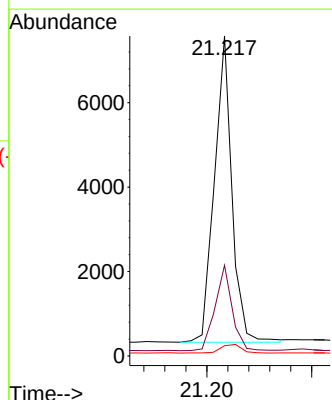
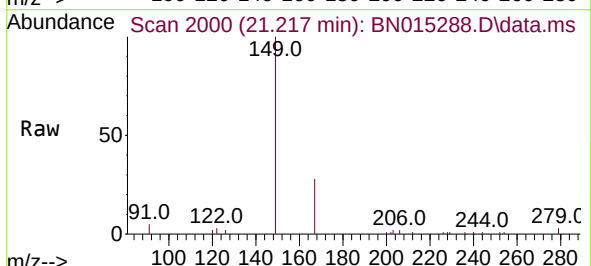


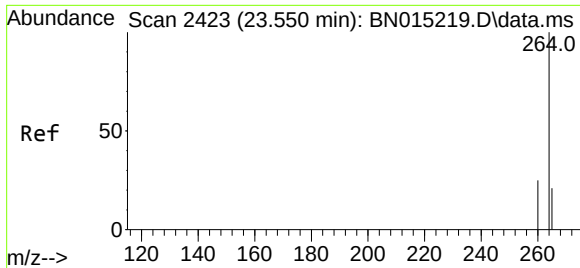
Tgt Ion:244 Resp: 45032
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 12.9 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.24 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN015288.D
 Acq: 02 Jul 2021 09:12

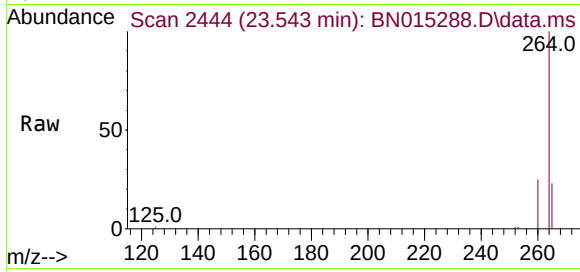
Tgt Ion:149 Resp: 8376
 Ion Ratio Lower Upper
 149 100
 167 27.1 28.9 43.3#
 279 3.4 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.543 min Scan# 2444
 Delta R.T. -0.007 min
 Lab File: BN015288.D
 Acq: 02 Jul 2021 09:12

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20210618DL



Tgt Ion:264 Resp: 56804

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	31.0
265	23.3	21.4	32.2

