

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071621\
 Data File : BN015592.D
 Acq On : 16 Jul 2021 11:24
 Operator : CG/JU
 Sample : M2953-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-070621

Quant Time: Jul 16 12:17:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 15 15:46:51 2021
 Response via : Initial Calibration

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

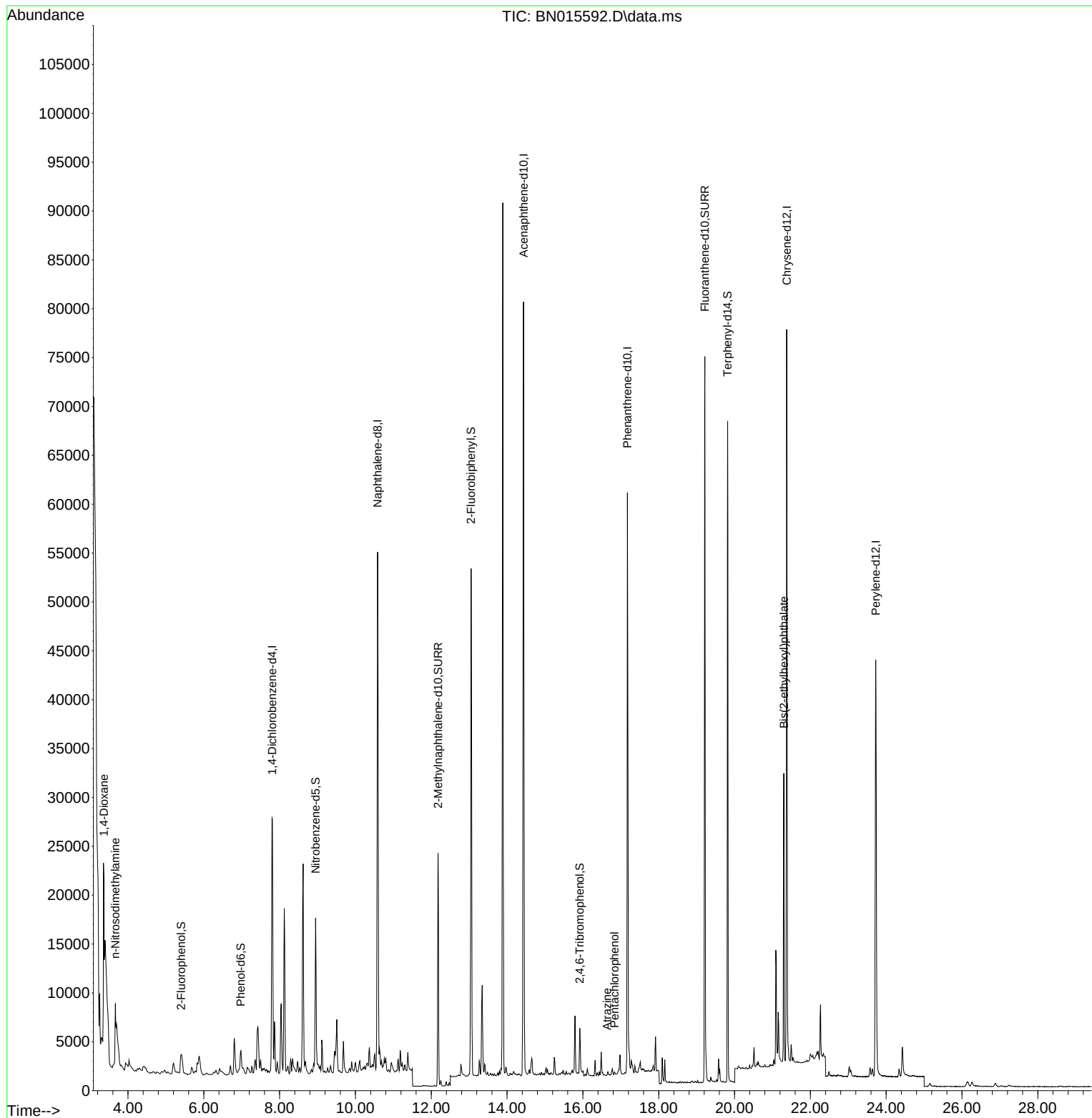
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	16163	0.400	ng	# 0.00
7) Naphthalene-d8	10.584	136	71226	0.400	ng	# 0.00
13) Acenaphthene-d10	14.434	164	40126	0.400	ng	0.00
19) Phenanthrene-d10	17.176	188	76146	0.400	ng	0.00
29) Chrysene-d12	21.376	240	67718	0.400	ng	# 0.00
35) Perylene-d12	23.724	264	61325	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.402	112	3907	0.084	ng	0.00
5) Phenol-d6	6.979	99	2672	0.048	ng	0.00
8) Nitrobenzene-d5	8.949	82	13733	0.268	ng	0.00
11) 2-Methylnaphthalene-d10	12.181	152	31657	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	3546	0.307	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	45408	0.280	ng	0.00
27) Fluoranthene-d10	19.217	212	81926	0.356	ng	0.00
31) Terphenyl-d14	19.818	244	64633	0.402	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.364	88	14751	1.866	ng	# 61
3) n-Nitrosodimethylamine	3.668	42	1239	0.093	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.576	198	18	Below Cal		# 11
23) Atrazine	16.640	200	39	0.096	ng	# 16
24) Pentachlorophenol	16.835	266	202	0.295	ng	97
34) Bis(2-ethylhexyl)phtha...	21.302	149	27450	0.271	ng	# 87

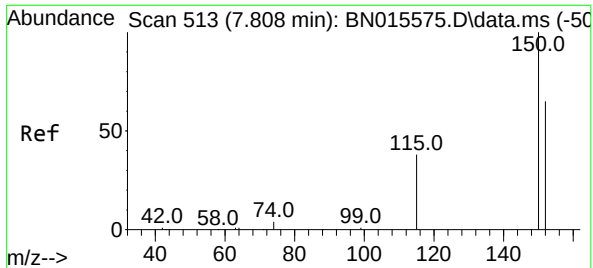
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 12:17:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
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QLast Update : Thu Jul 15 15:46:51 2021
Response via : Initial Calibration

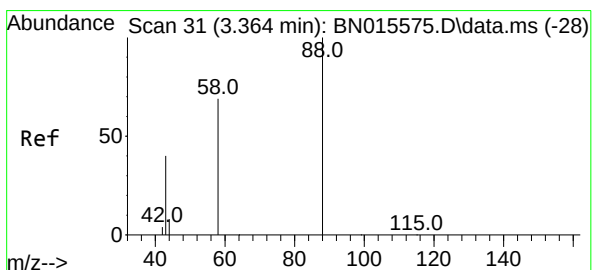
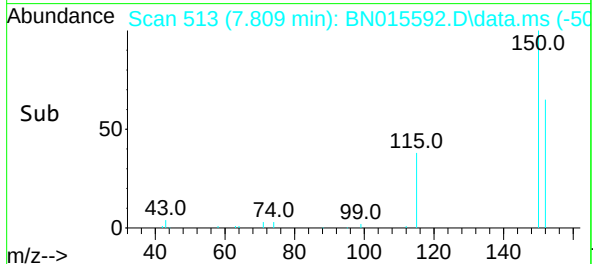
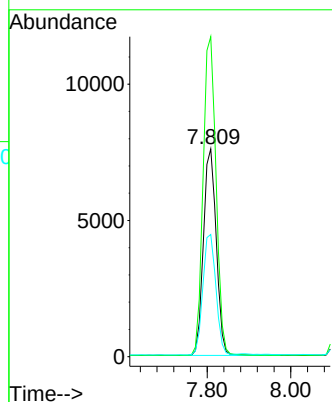
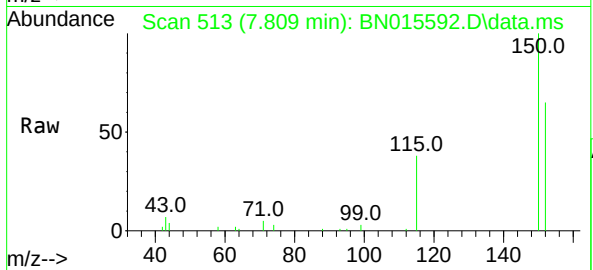




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.809 min Scan# 513
 Delta R.T. 0.001 min
 Lab File: BN015592.D
 Acq: 16 Jul 2021 11:24

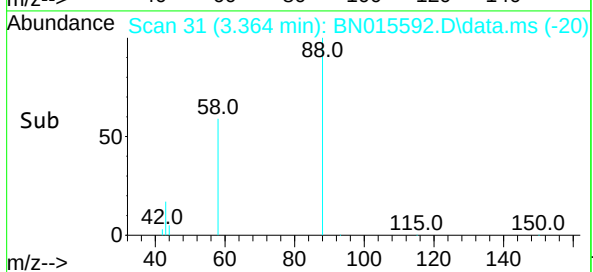
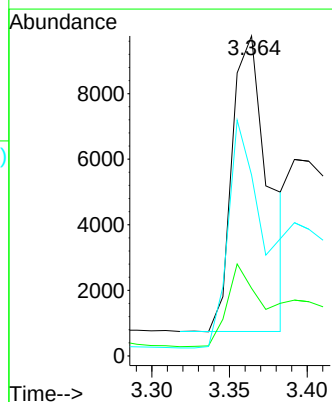
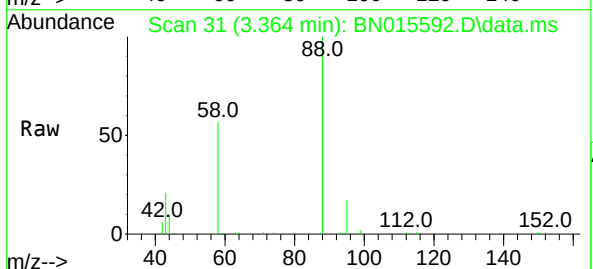
Instrument :
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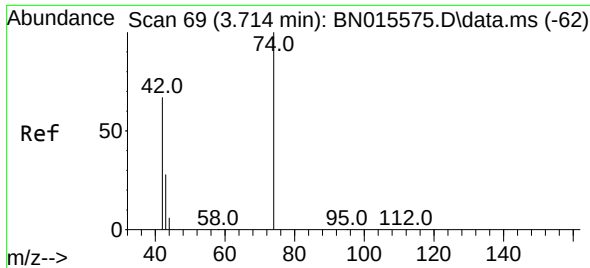
Tgt Ion: 152 Resp: 16163
 Ion Ratio Lower Upper
 152 100
 150 154.0 119.0 178.6
 115 58.8 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 1.866 ng
 RT: 3.364 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN015592.D
 Acq: 16 Jul 2021 11:24

Tgt Ion: 88 Resp: 14751
 Ion Ratio Lower Upper
 88 100
 43 28.6 12.9 19.3#
 58 76.1 38.1 57.1#

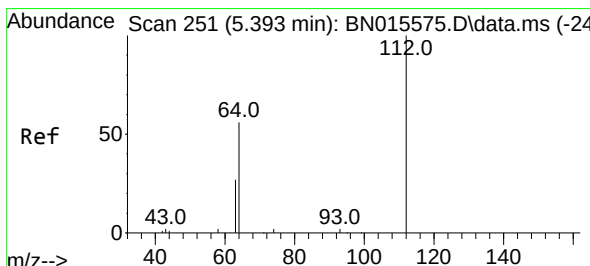
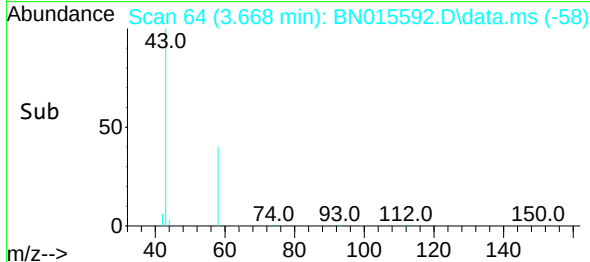
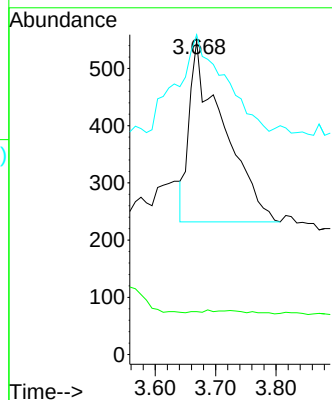
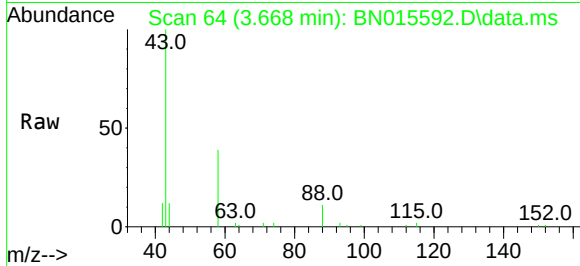




#3
n-Nitrosodimethylamine
Concen: 0.093 ng
RT: 3.668 min Scan# 64
Delta R.T. -0.046 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

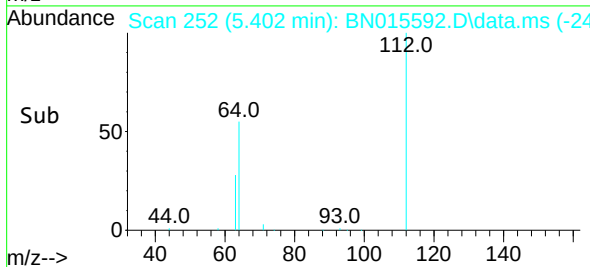
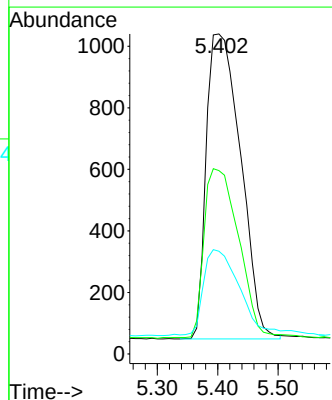
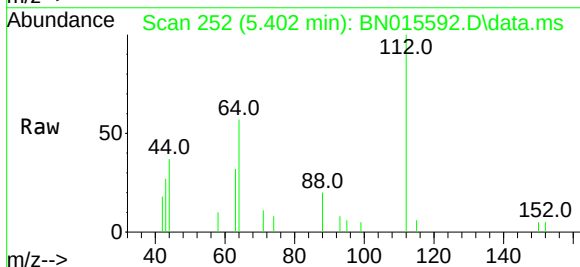
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BNA_N
ClientSampleId :
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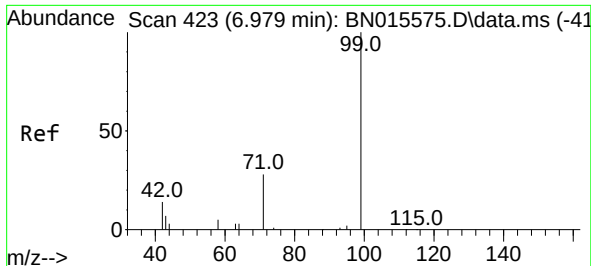
Tgt Ion: 42 Resp: 1239
Ion Ratio Lower Upper
42 100
74 0.6 149.5 224.3#
44 56.7 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.084 ng
RT: 5.402 min Scan# 252
Delta R.T. 0.009 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

Tgt Ion: 112 Resp: 3907
Ion Ratio Lower Upper
112 100
64 55.5 39.0 58.6
63 29.5 20.6 30.8

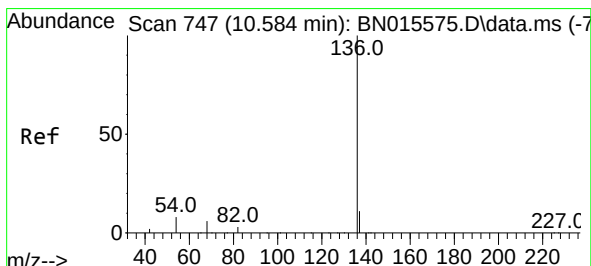
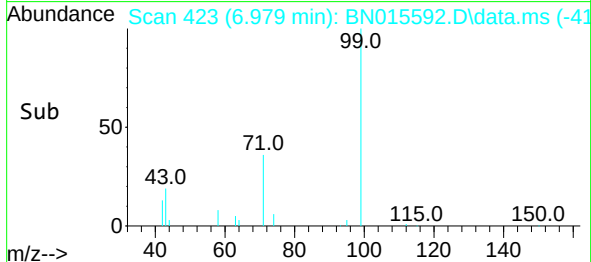
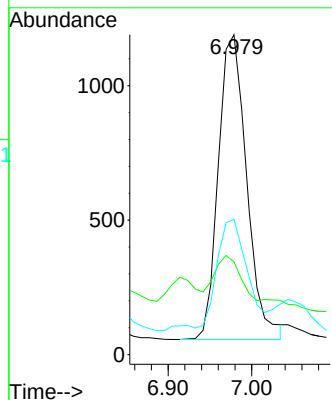
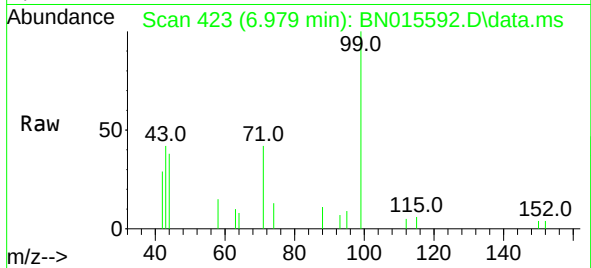




#5
Phenol-d6
Concen: 0.048 ng
RT: 6.979 min Scan# 423
Delta R.T. 0.000 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

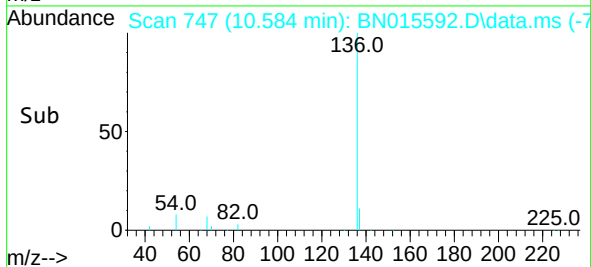
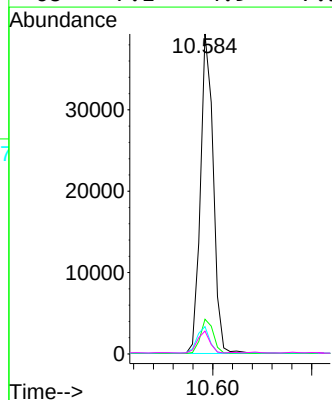
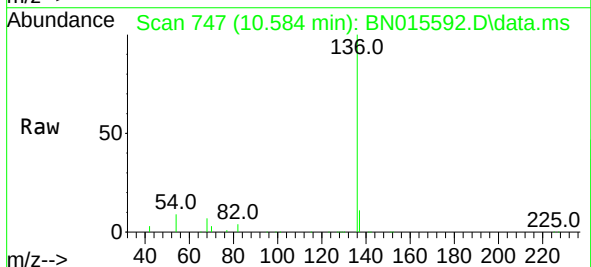
Instrument :
BNA_N
ClientSampleId :
EB-01-070621

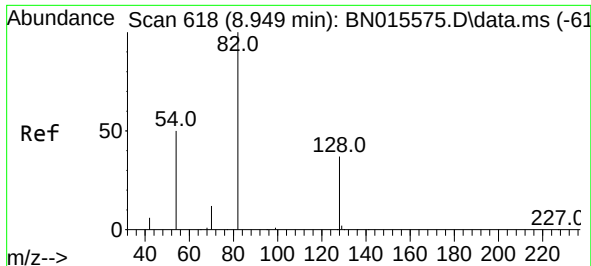
Tgt Ion: 99 Resp: 2672
Ion Ratio Lower Upper
99 100
42 15.9 8.9 13.3#
71 37.2 35.6 53.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 747
Delta R.T. 0.000 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

Tgt Ion: 136 Resp: 71226
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 8.6 5.4 8.2#
68 7.1 4.9 7.3

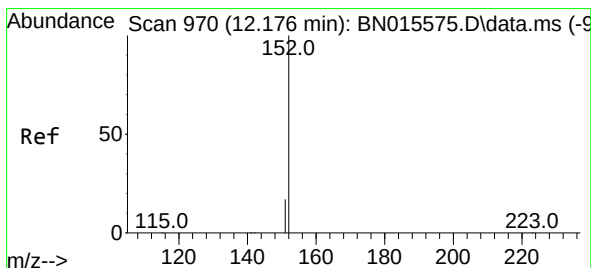
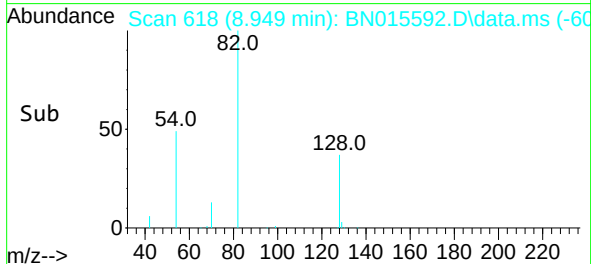
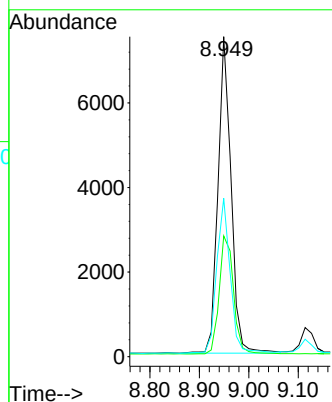
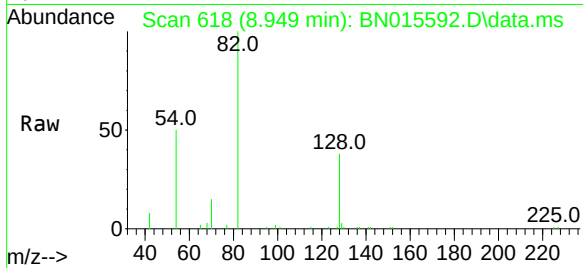




#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 8.949 min Scan# 618
Delta R.T. 0.000 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

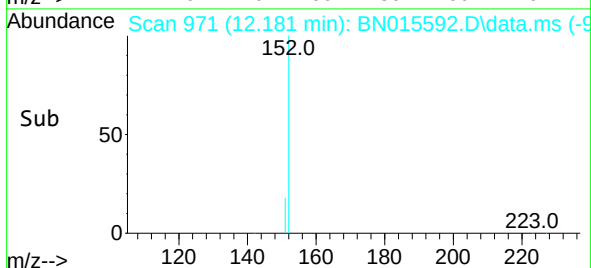
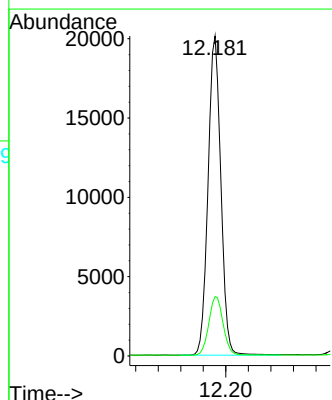
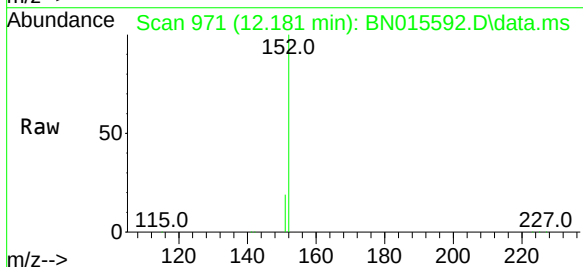
Instrument :
BNA_N
ClientSampleId :
EB-01-070621

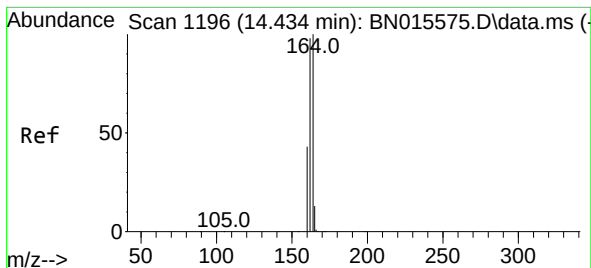
Tgt Ion: 82 Resp: 13733
Ion Ratio Lower Upper
82 100
128 37.8 31.6 47.4
54 49.5 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.181 min Scan# 971
Delta R.T. 0.004 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

Tgt Ion: 152 Resp: 31657
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

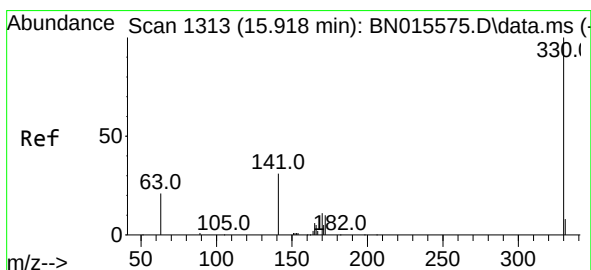
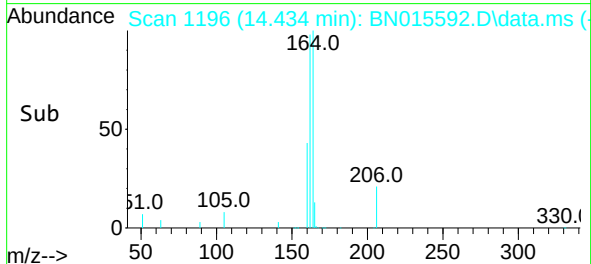
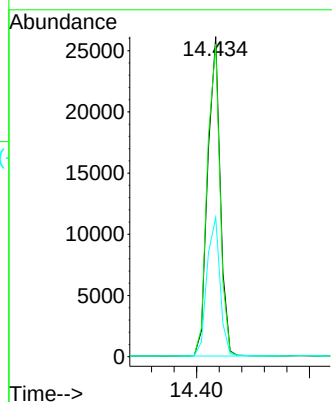
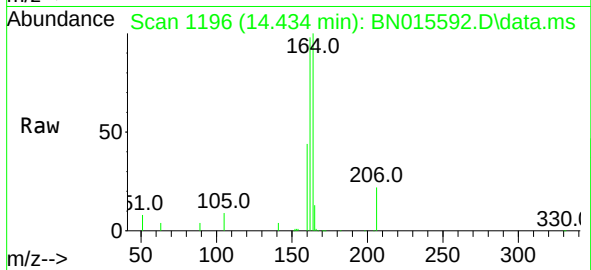




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.434 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

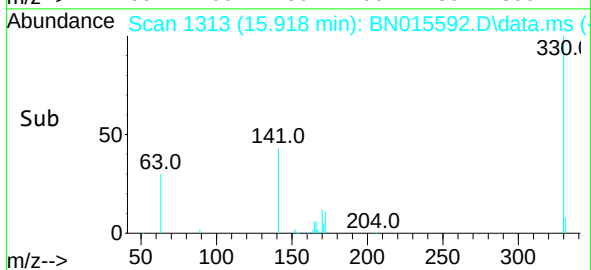
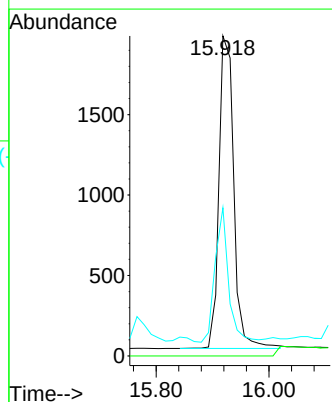
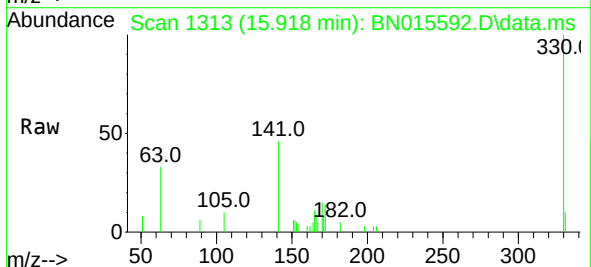
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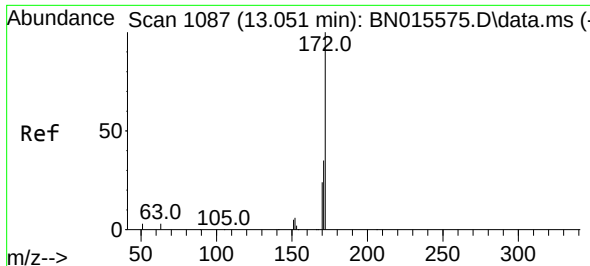
Tgt Ion:164 Resp: 40126
Ion Ratio Lower Upper
164 100
162 97.6 83.8 125.6
160 43.5 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 15.918 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

Tgt Ion:330 Resp: 3546
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.9 22.4 33.6#

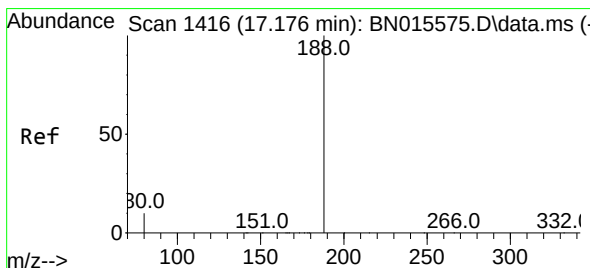
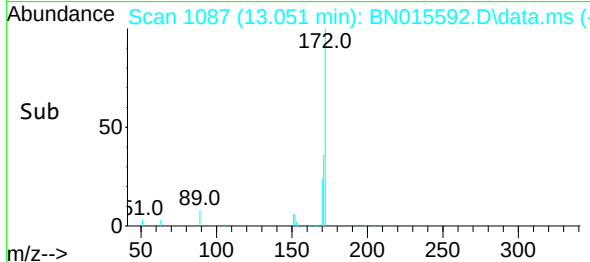
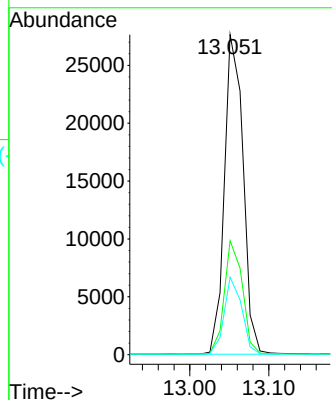
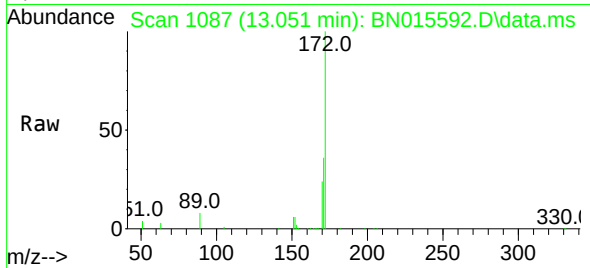




#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 13.051 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

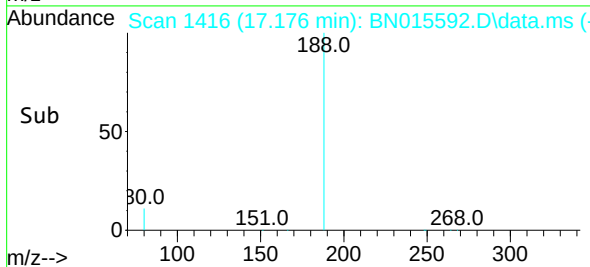
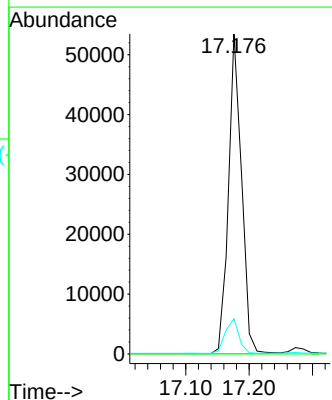
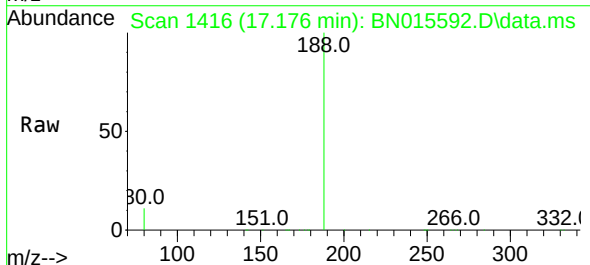
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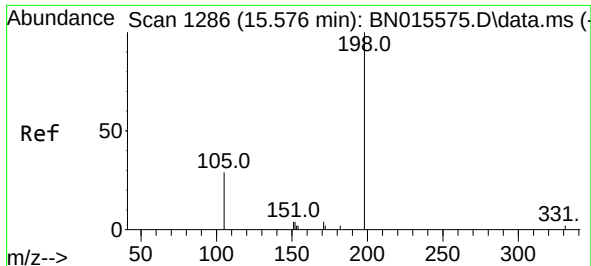
Tgt Ion:	172	Resp:	45408
Ion Ratio	Lower	Upper	
172	100		
171	35.6	30.6	45.8
170	24.2	20.2	30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.176 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

Tgt Ion:	188	Resp:	76146
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.1	9.0	13.4

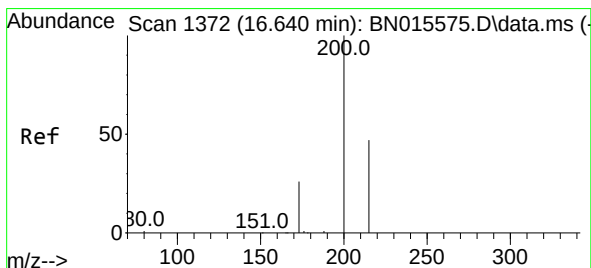
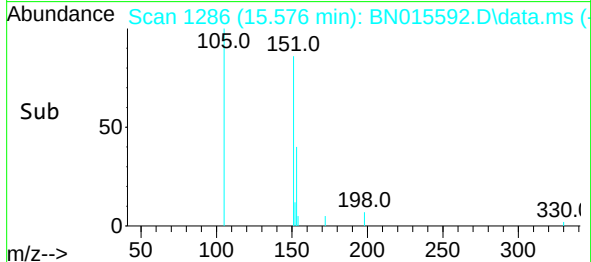
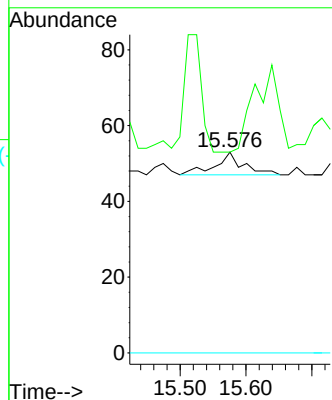
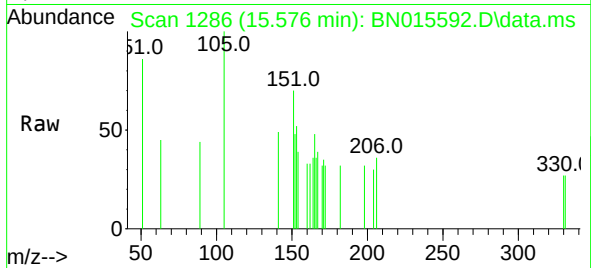




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.576 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

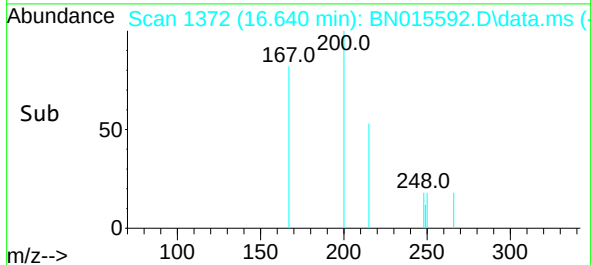
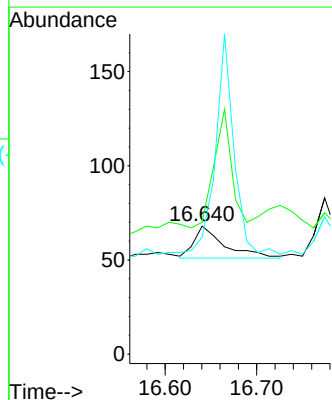
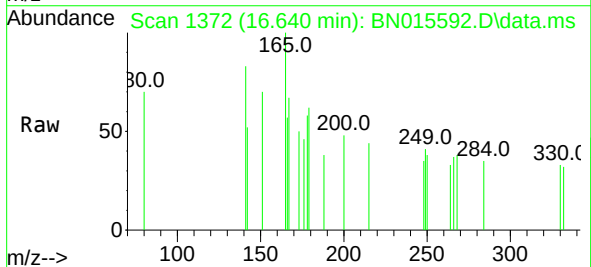
Instrument :
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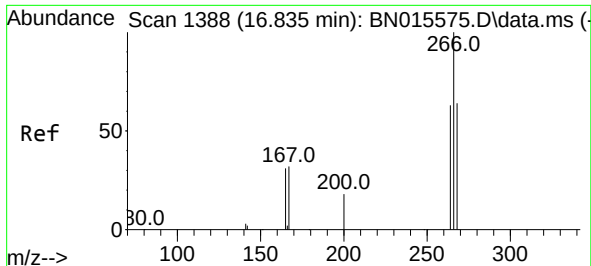
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
182 100.0 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.096 ng
RT: 16.640 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

Tgt Ion:200 Resp: 39
Ion Ratio Lower Upper
200 100
173 102.9 21.7 32.5#
215 91.2 43.1 64.7#

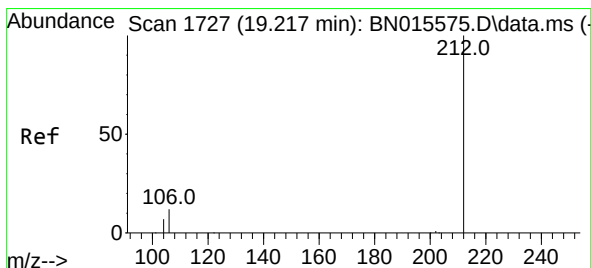
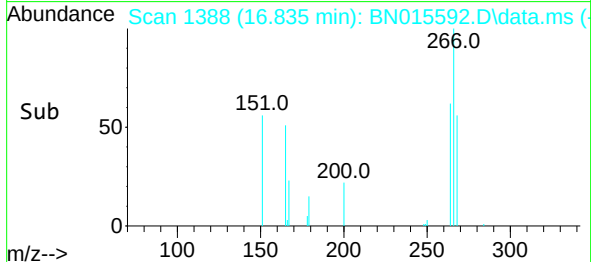
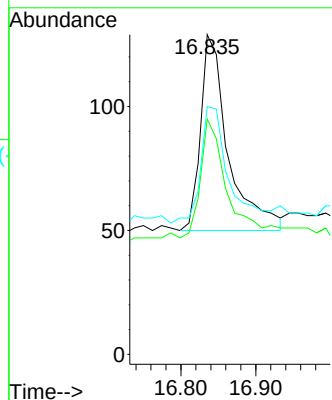
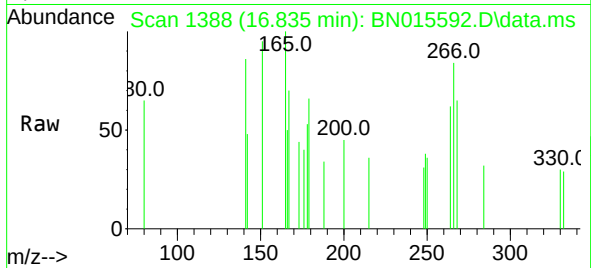




#24
Pentachlorophenol
Concen: 0.295 ng
RT: 16.835 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

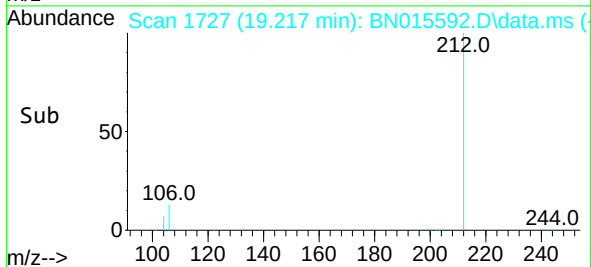
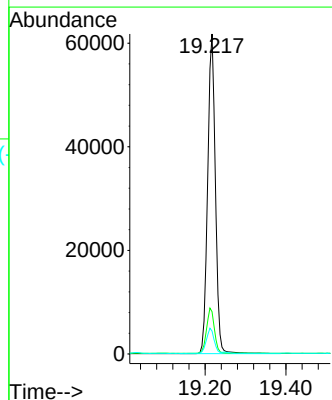
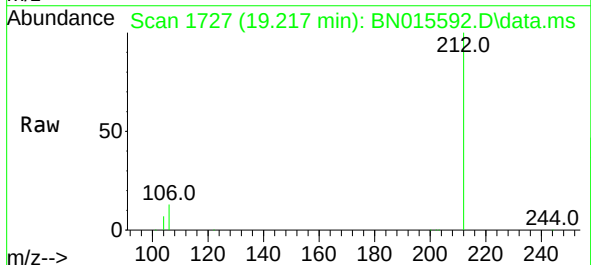
Instrument :
BNA_N
ClientSampleId :
EB-01-070621

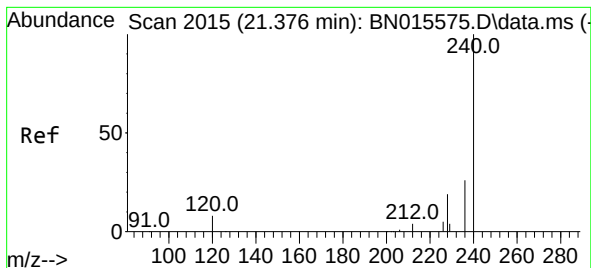
Tgt Ion:	266	Resp:	202
Ion Ratio	Lower	Upper	
266	100		
264	65.3	51.0	76.4
268	60.4	50.6	76.0



#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.217 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BN015592.D
Acq: 16 Jul 2021 11:24

Tgt Ion:	212	Resp:	81926
Ion Ratio	Lower	Upper	
212	100		
106	14.3	7.0	10.6#
104	7.8	4.1	6.1#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.376 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BN015592.D

Acq: 16 Jul 2021 11:24

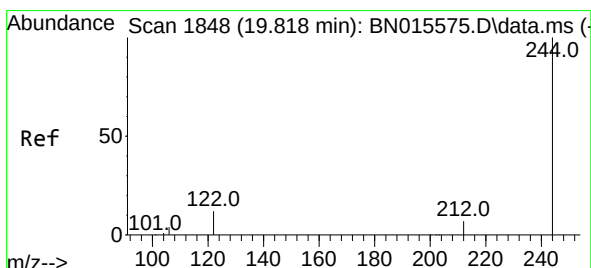
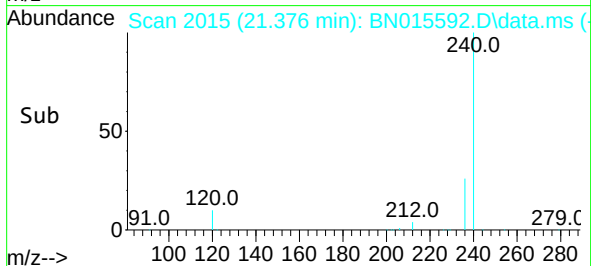
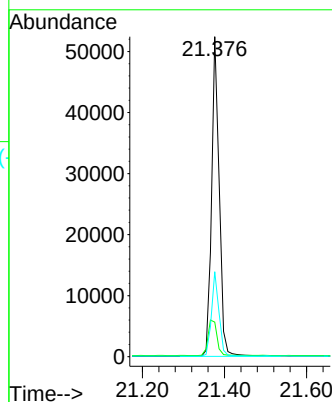
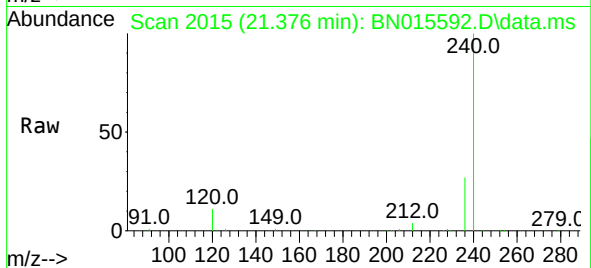
Tgt Ion:240 Resp: 67718

Ion Ratio Lower Upper

240 100

120 10.8 4.2 6.4#

236 26.6 21.4 32.2



#31

Terphenyl-d14

Concen: 0.402 ng

RT: 19.818 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BN015592.D

Acq: 16 Jul 2021 11:24

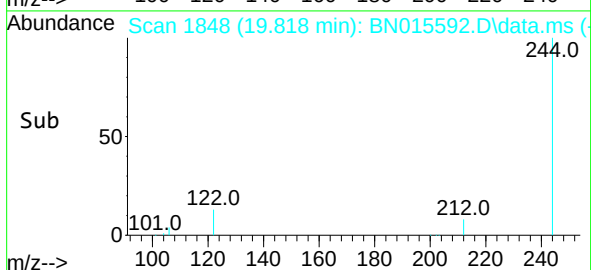
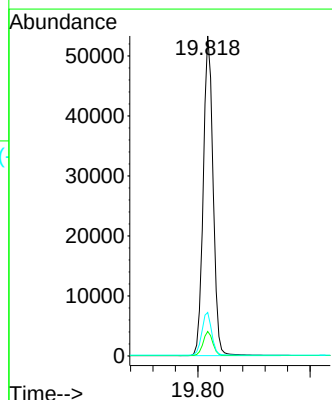
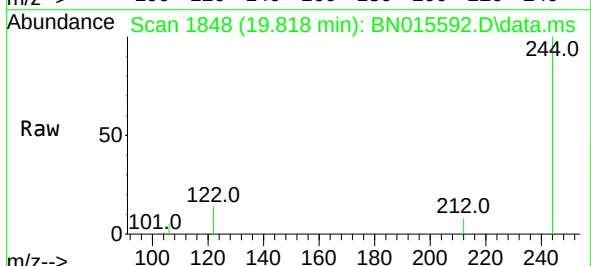
Tgt Ion:244 Resp: 64633

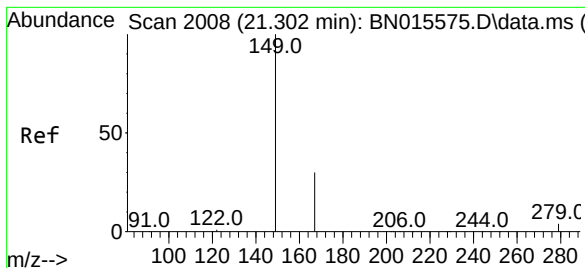
Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

122 13.6 6.2 9.2#

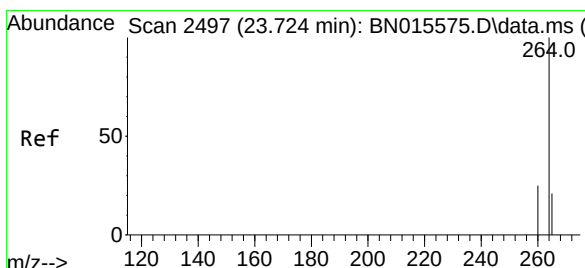
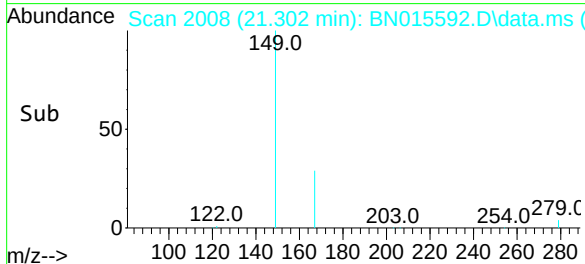
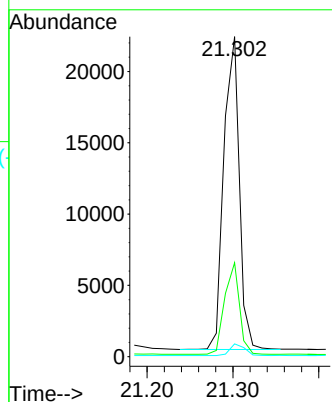
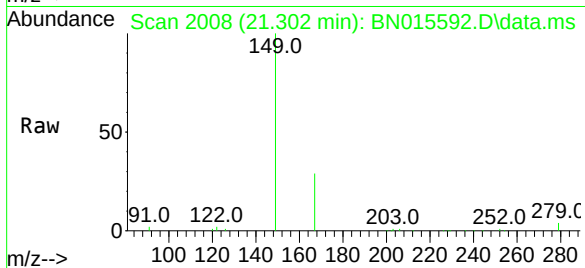




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.271 ng
 RT: 21.302 min Scan# 2008
 Delta R.T. -0.000 min
 Lab File: BN015592.D
 Acq: 16 Jul 2021 11:24

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-070621

Tgt Ion:149 Resp: 27450
 Ion Ratio Lower Upper
 149 100
 167 28.0 28.9 43.3#
 279 3.6 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.724 min Scan# 2497
 Delta R.T. 0.000 min
 Lab File: BN015592.D
 Acq: 16 Jul 2021 11:24

Tgt Ion:264 Resp: 61325
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.6 31.0
 265 23.1 21.4 32.2

