

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
 Data File : BN015325.D
 Acq On : 03 Jul 2021 09:40
 Operator : CG/JU
 Sample : M2838-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20210622

Manual Integrations
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Quant Time: Jul 05 05:48:56 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	25817	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	119664	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	65796	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	127962	0.40	ng	# 0.00
29) Chrysene-d12	21.291	240	85692	0.40	ng	#-0.01
35) Perylene-d12	23.532	264	67189	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	10936	0.17	ng	0.00
5) Phenol-d6	6.905	99	7556	0.09	ng	0.00
8) Nitrobenzene-d5	8.860	82	29997	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	68561	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	6733	0.46	ng	-0.01
15) 2-Fluorobiphenyl	12.962	172	102456	0.38	ng	0.00
27) Fluoranthene-d10	19.127	212	129022	0.34	ng	0.00
31) Terphenyl-d14	19.728	244	103268	0.52	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	9398m	0.78	ng	
6) bis(2-Chloroethyl)ether	7.163	93	1781	0.02	ng	87
34) Bis(2-ethylhexyl)phtha...	21.206	149	38778	0.51	ng	# 86

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

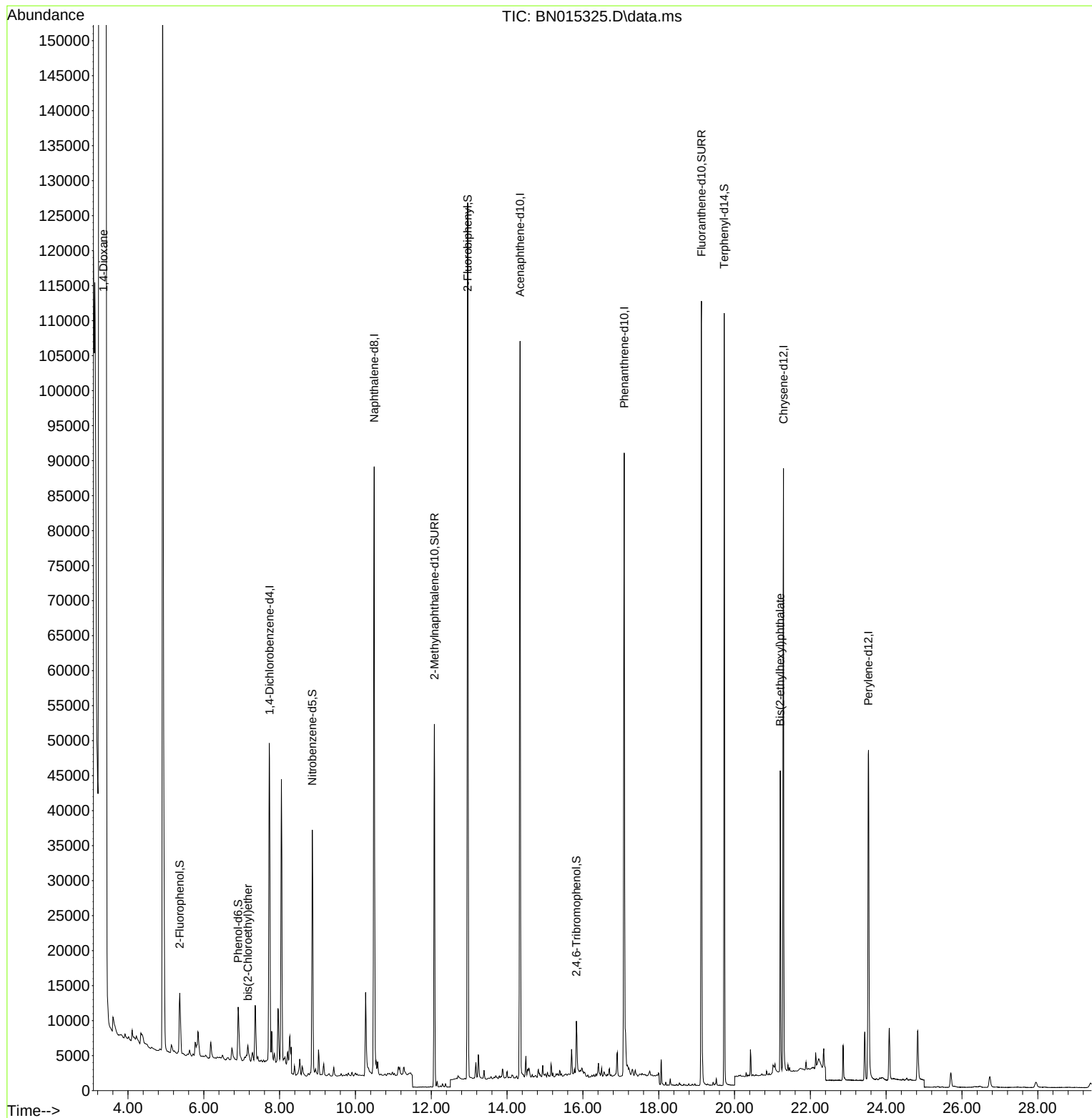
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015325.D
Acq On : 03 Jul 2021 09:40
Operator : CG/JU
Sample : M2838-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

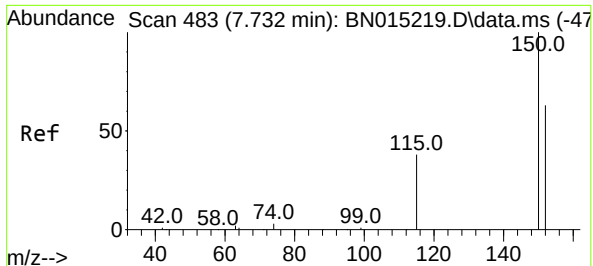
Instrument :
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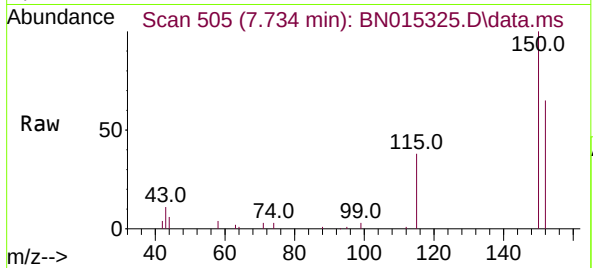
Quant Time: Jul 05 05:48:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015325.D
 Acq: 03 Jul 2021 09:40

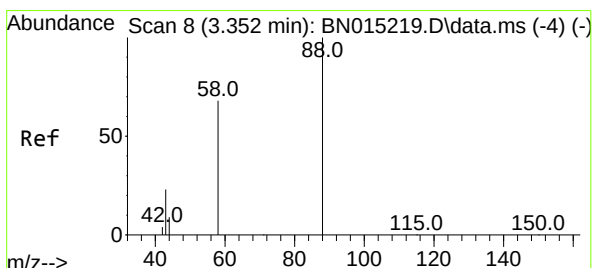
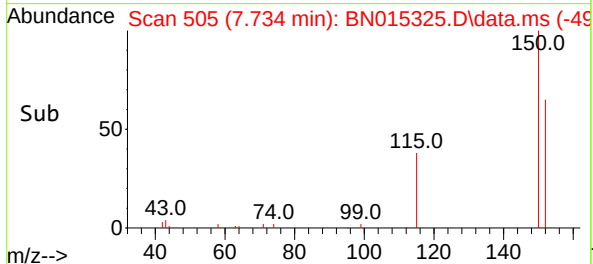
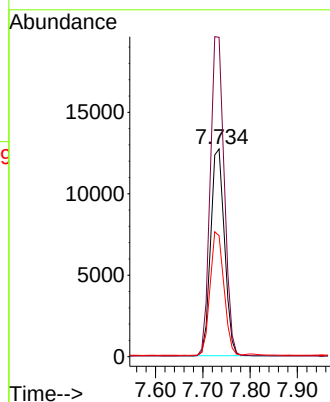
Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20210622



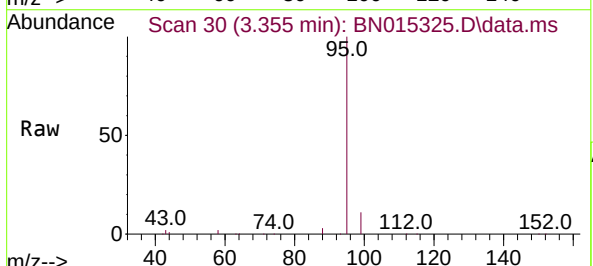
Tgt Ion: 152 Resp: 25817
 Ion Ratio Lower Upper
 152 100
 150 153.8 119.0 178.6
 115 58.2 62.2 93.4#

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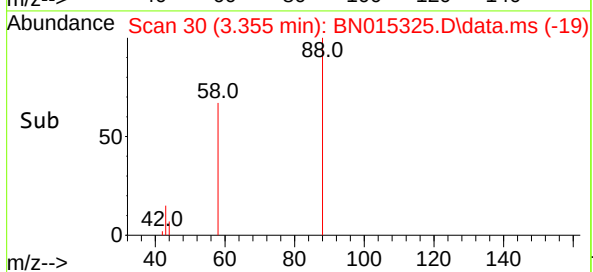
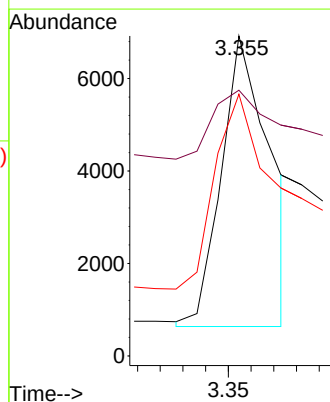
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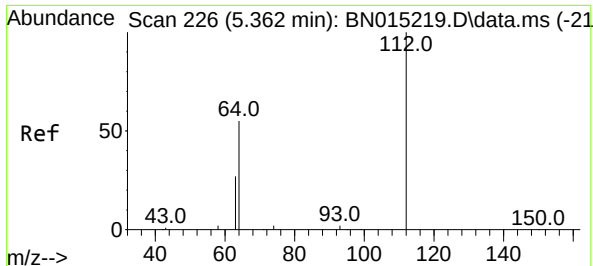


#2
 1,4-Dioxane
 Concen: 0.78 ng m
 RT: 3.355 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN015325.D
 Acq: 03 Jul 2021 09:40



Tgt Ion: 88 Resp: 9398
 Ion Ratio Lower Upper
 88 100
 43 40.1 12.9 19.3#
 58 140.3 38.1 57.1#





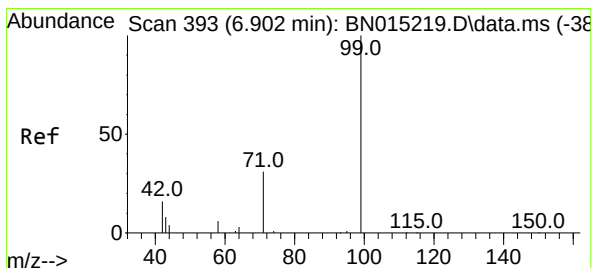
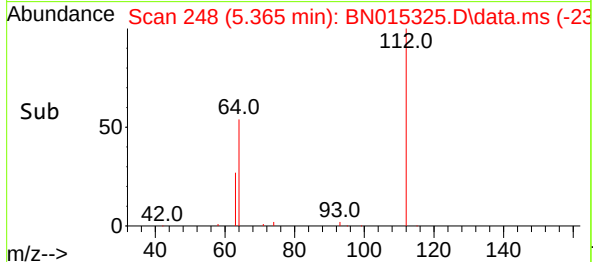
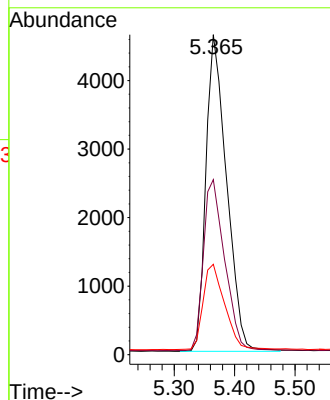
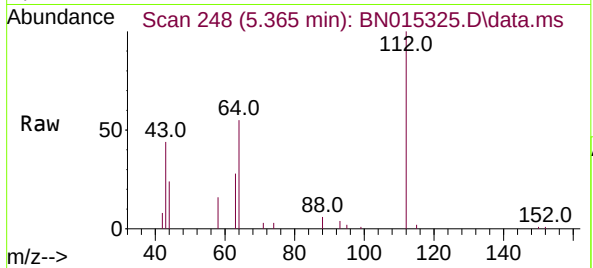
#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015325.D
Acq: 03 Jul 2021 09:40

Tgt Ion: 112 Resp: 10936
Ion Ratio Lower Upper
112 100
64 55.6 39.0 58.6
63 28.3 20.6 30.8

Instrument :
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ClientSampleId :
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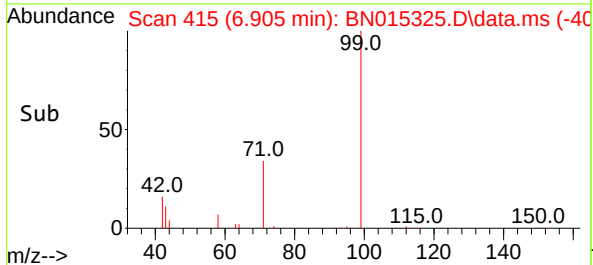
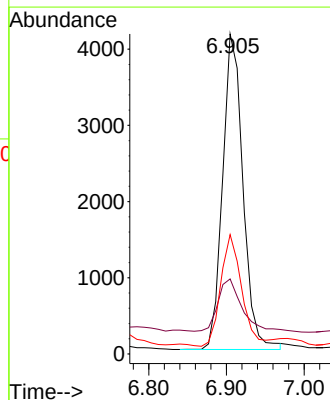
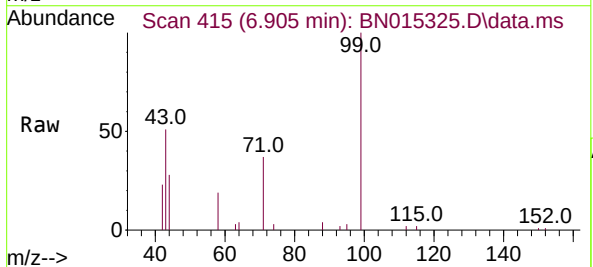
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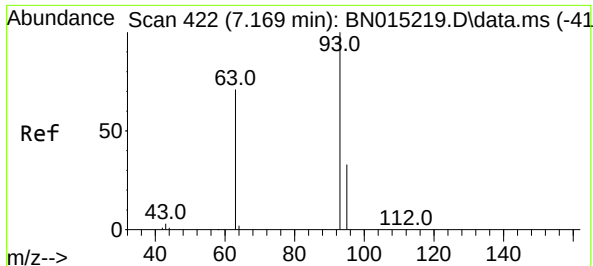
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#5
Phenol-d6
Concen: 0.09 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015325.D
Acq: 03 Jul 2021 09:40

Tgt Ion: 99 Resp: 7556
Ion Ratio Lower Upper
99 100
42 19.1 8.9 13.3#
71 36.3 35.6 53.4





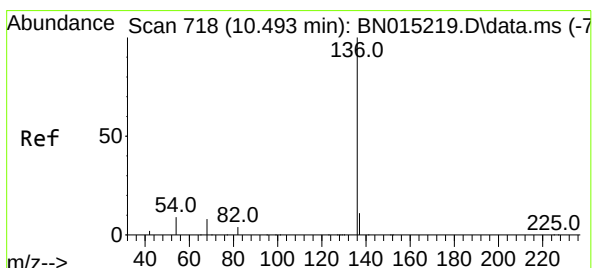
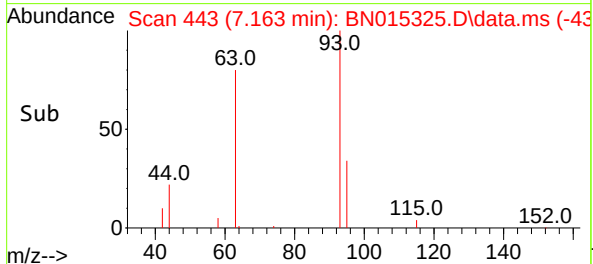
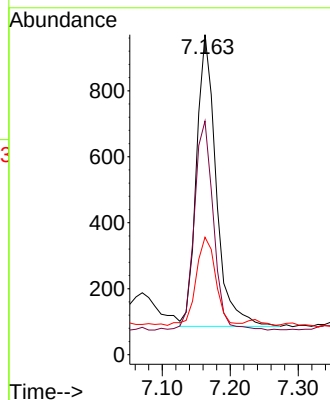
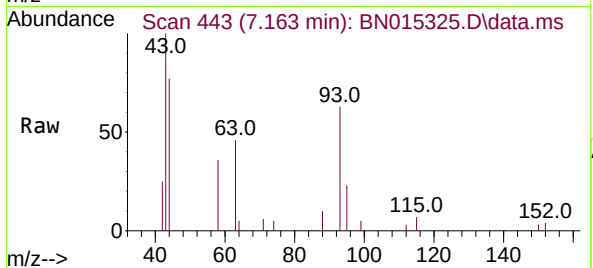
#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.006 min
Lab File: BN015325.D
Acq: 03 Jul 2021 09:40

Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.6	46.6	70.0
95	30.3	28.6	42.8

Instrument :
BNA_N
ClientSampleId :
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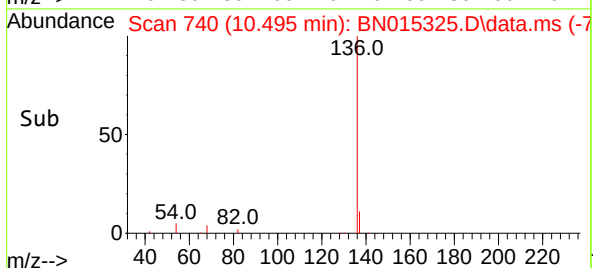
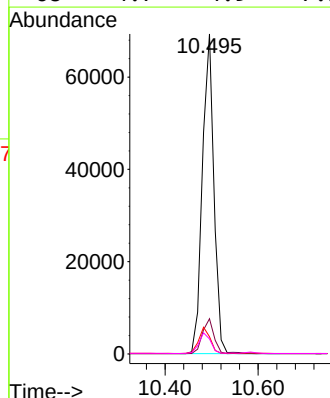
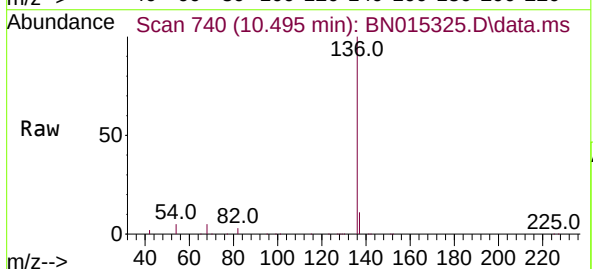
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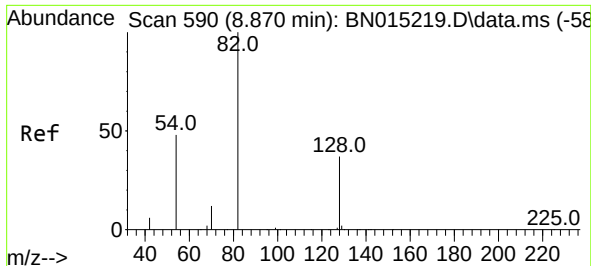
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#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015325.D
Acq: 03 Jul 2021 09:40

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	5.4	5.4	8.2#
68	4.7	4.9	7.3#





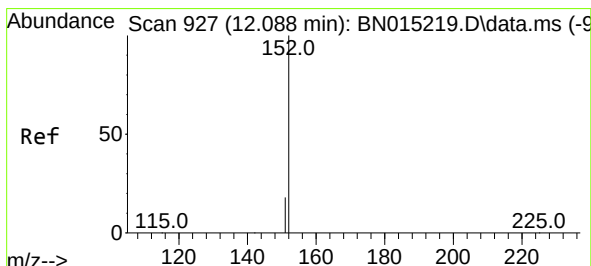
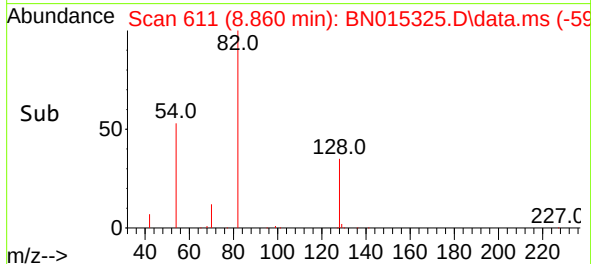
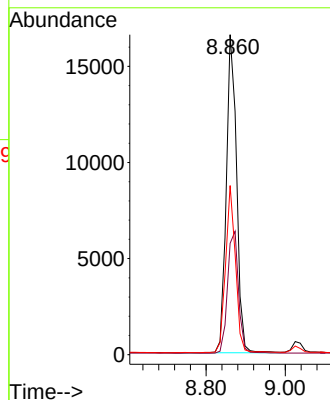
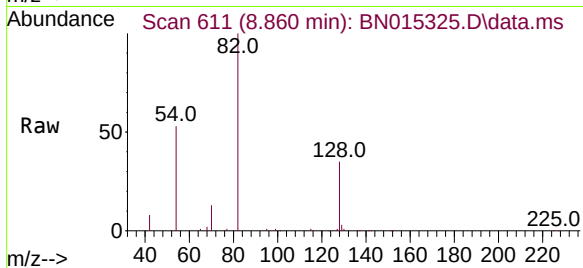
#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.010 min
Lab File: BN015325.D
Acq: 03 Jul 2021 09:40

Instrument :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.8	31.6	47.4
54	52.9	29.0	43.4

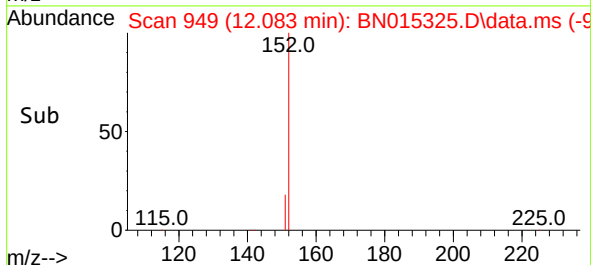
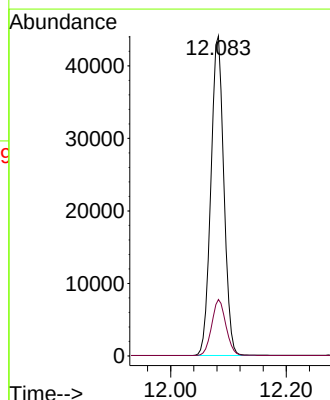
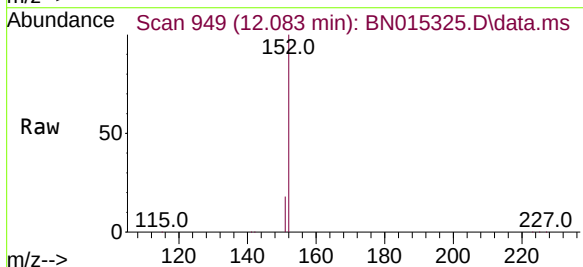
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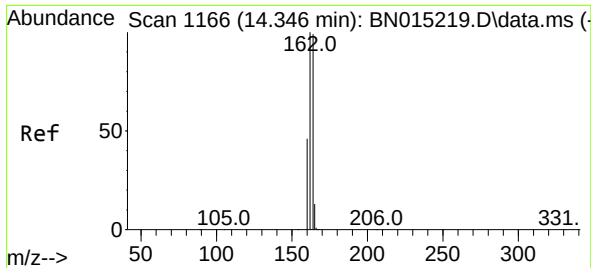
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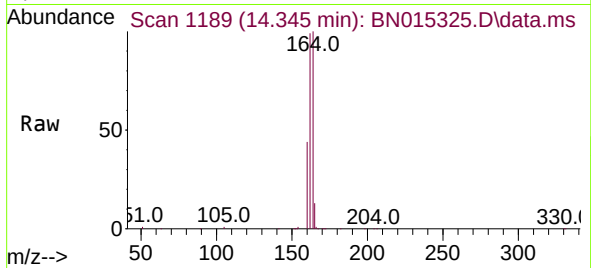
#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.006 min
Lab File: BN015325.D
Acq: 03 Jul 2021 09:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.7	25.1

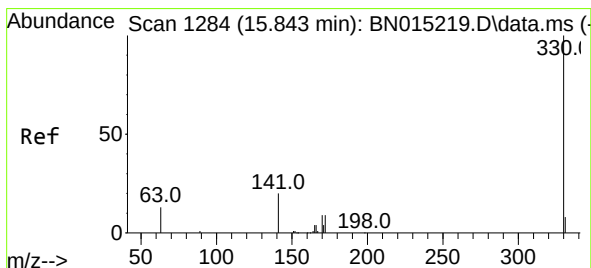
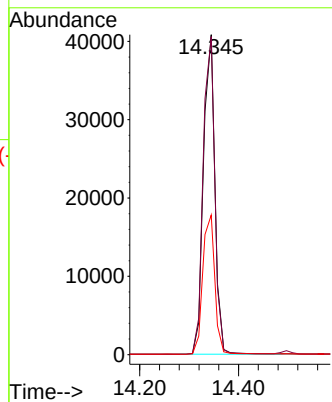
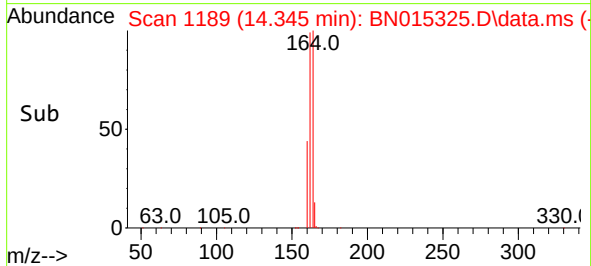




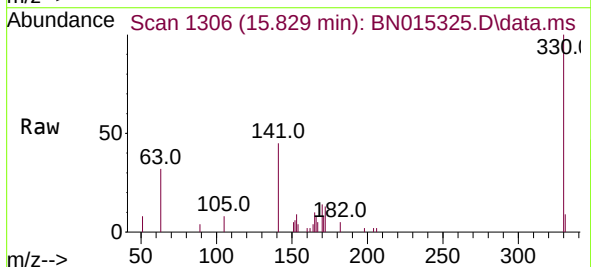
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015325.D
Acq: 03 Jul 2021 09:40



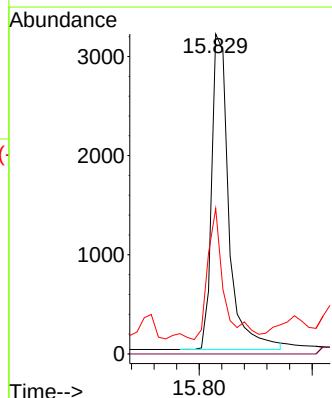
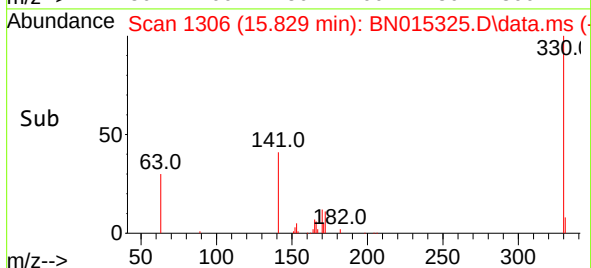
Tgt Ion:164 Resp: 65796
Ion Ratio Lower Upper
164 100
162 99.4 83.8 125.6
160 43.6 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.46 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.014 min
Lab File: BN015325.D
Acq: 03 Jul 2021 09:40



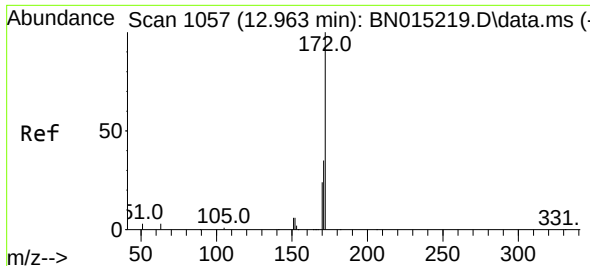
Tgt Ion:330 Resp: 6733
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.9 22.4 33.6#



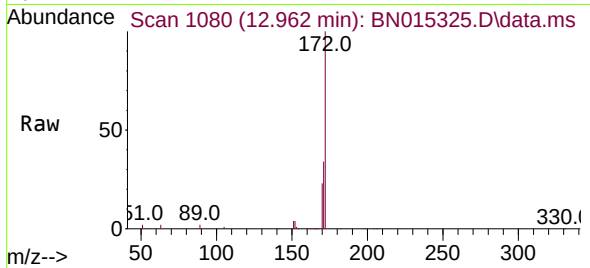
Instrument :
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RE103D2-20210622

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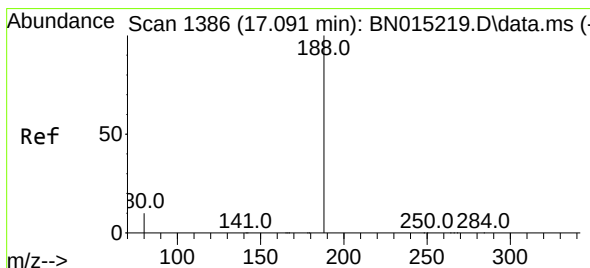
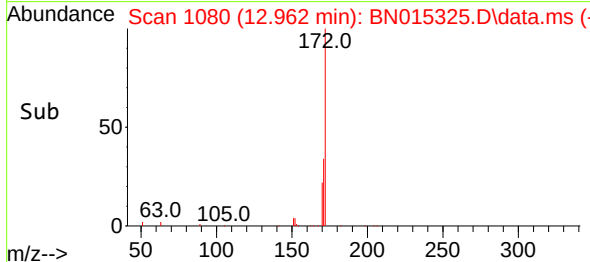
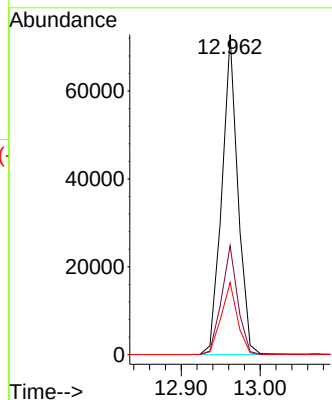
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#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015325.D
Acq: 03 Jul 2021 09:40

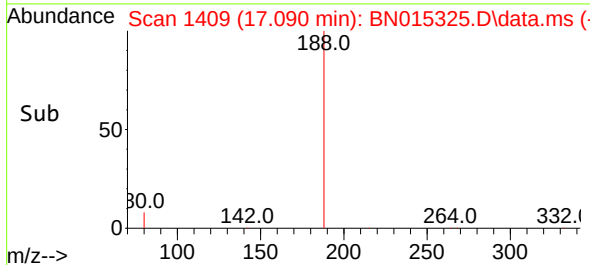
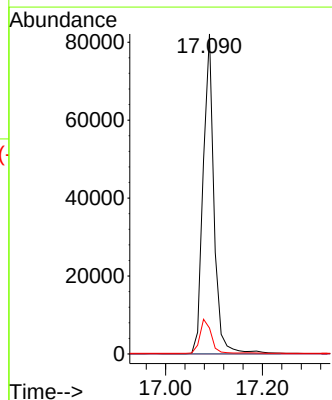
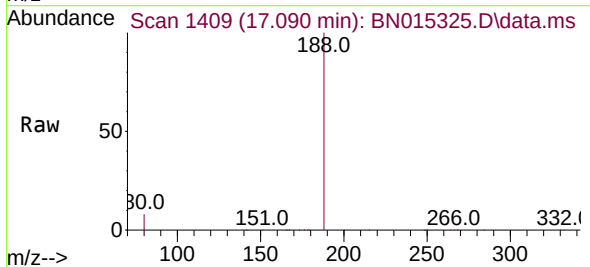


Tgt Ion:172 Resp: 102456
Ion Ratio Lower Upper
172 100
171 34.0 30.6 45.8
170 22.5 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015325.D
Acq: 03 Jul 2021 09:40

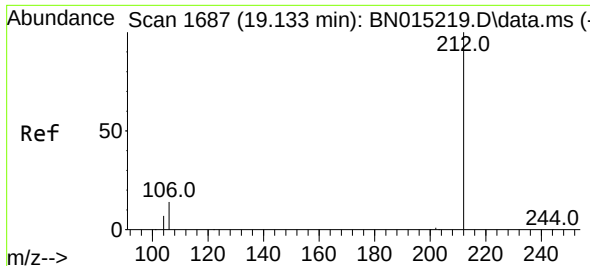
Tgt Ion:188 Resp: 127962
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 9.0 13.4



Instrument :
BNA_N
ClientSampleId :
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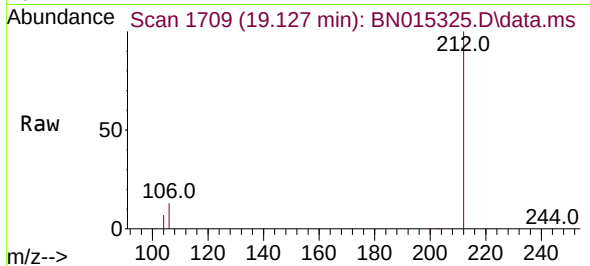
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#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015325.D
Acq: 03 Jul 2021 09:40

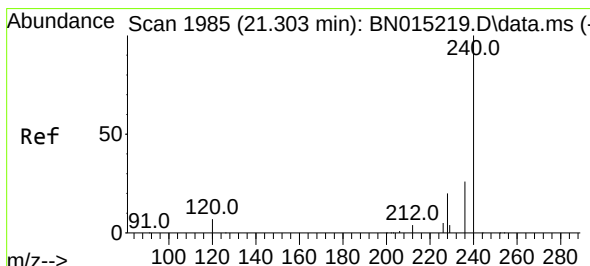
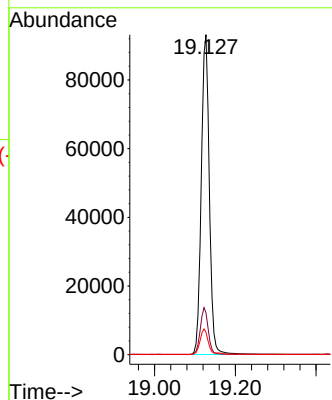
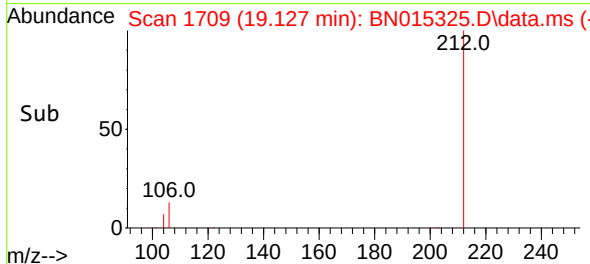
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ClientSampleId :
RE103D2-20210622



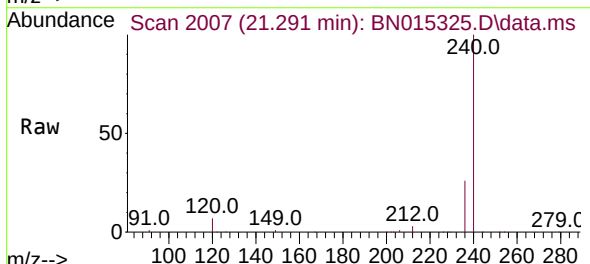
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Ion Ratio Lower Upper
212 100
106 14.4 7.0 10.6#
104 8.1 4.1 6.1#

Manual Integrations
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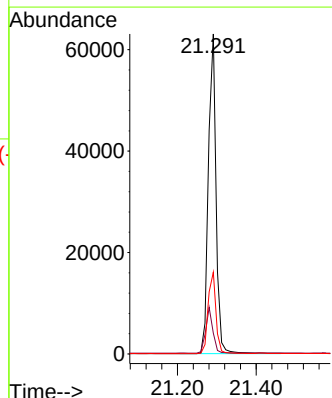
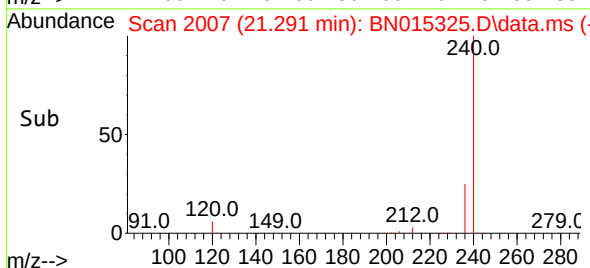
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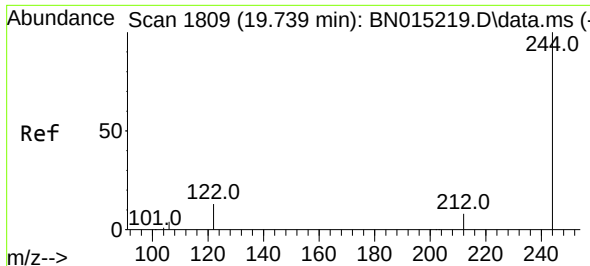


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015325.D
Acq: 03 Jul 2021 09:40

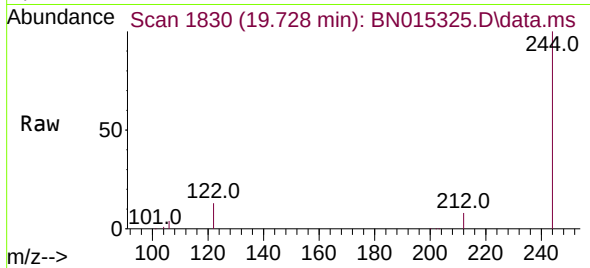


Tgt Ion:240 Resp: 85692
Ion Ratio Lower Upper
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120 6.5 4.2 6.4#
236 25.5 21.4 32.2

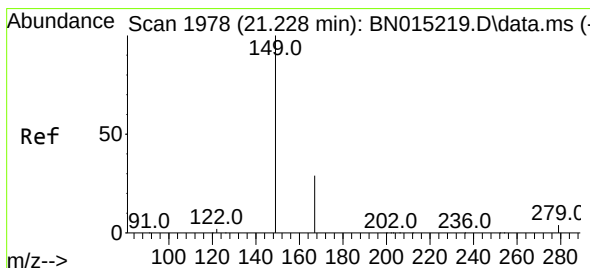
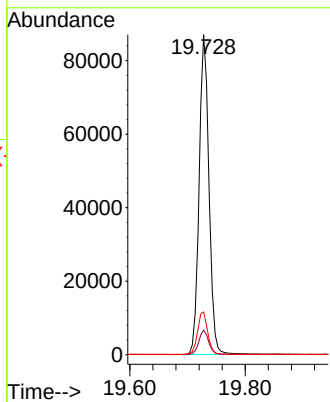
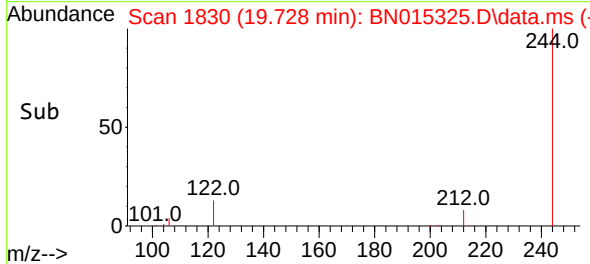




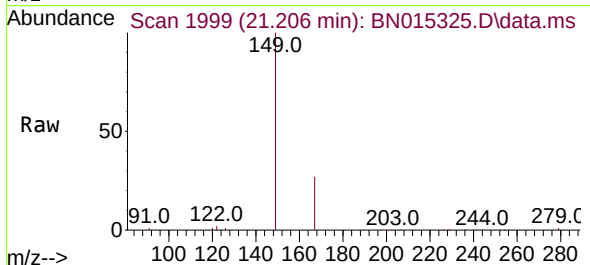
#31
 Terphenyl-d14
 Concen: 0.52 ng
 RT: 19.728 min Scan# 1830
 Delta R.T. -0.011 min
 Lab File: BN015325.D
 Acq: 03 Jul 2021 09:40



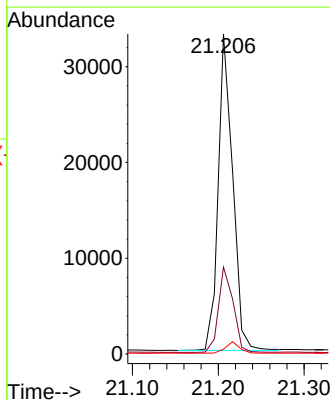
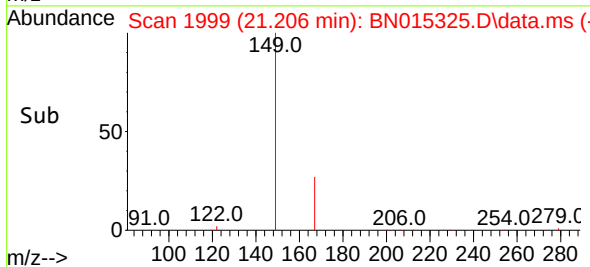
Tgt Ion:244 Resp: 103268
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 13.3 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.51 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. -0.022 min
 Lab File: BN015325.D
 Acq: 03 Jul 2021 09:40



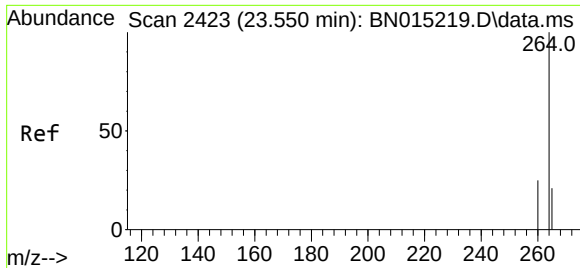
Tgt Ion:149 Resp: 38778
 Ion Ratio Lower Upper
 149 100
 167 27.3 28.9 43.3#
 279 3.5 4.9 7.3#



Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20210622

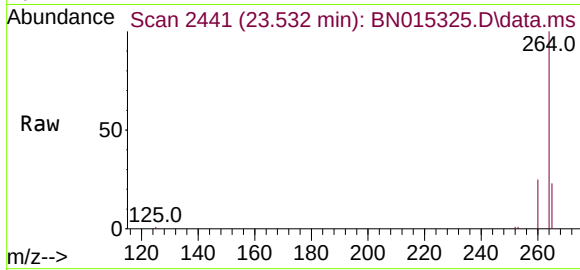
Manual Integrations
 APPROVED

mohammad
 7/6/2021 10:04:03 AM



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.532 min Scan# 2441
 Delta R.T. -0.018 min
 Lab File: BN015325.D
 Acq: 03 Jul 2021 09:40

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20210622



Tgt Ion:264 Resp: 67189

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	31.0
265	22.6	21.4	32.2

Manual Integrations
 APPROVED
 mohammad
 7/6/2021 10:04:03 AM

