

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016608.D
 Acq On : 30 Sep 2021 20:22
 Operator : CG/JU
 Sample : M3962-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 UNDERPASS

Manual Integrations
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 10/1/2021 9:17:16 AM

Quant Time: Oct 01 01:37:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 17:56:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28705	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	133696	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	73058	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	144024	0.400	ng	0.00
29) Chrysene-d12	21.238	240	137039	0.400	ng	0.00
35) Perylene-d12	23.484	264	145817	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	9438	0.129	ng	0.02
5) Phenol-d6	6.831	99	6129	0.077	ng	0.00
8) Nitrobenzene-d5	8.784	82	19224	0.221	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	62639	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11877	0.357	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	83971	0.284	ng	0.00
27) Fluoranthene-d10	19.068	212	147196	0.384	ng	0.00
31) Terphenyl-d14	19.678	244	120104	0.403	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.262	88	1024	0.078	ng	Qvalue # 74
25) Phenanthrene	17.066	178	27831m	0.064	ng	
26) Anthracene	17.151	178	23176	0.062	ng	99
34) Bis(2-ethylhexyl)phtha...	21.174	149	28779	0.172	ng	# 99

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

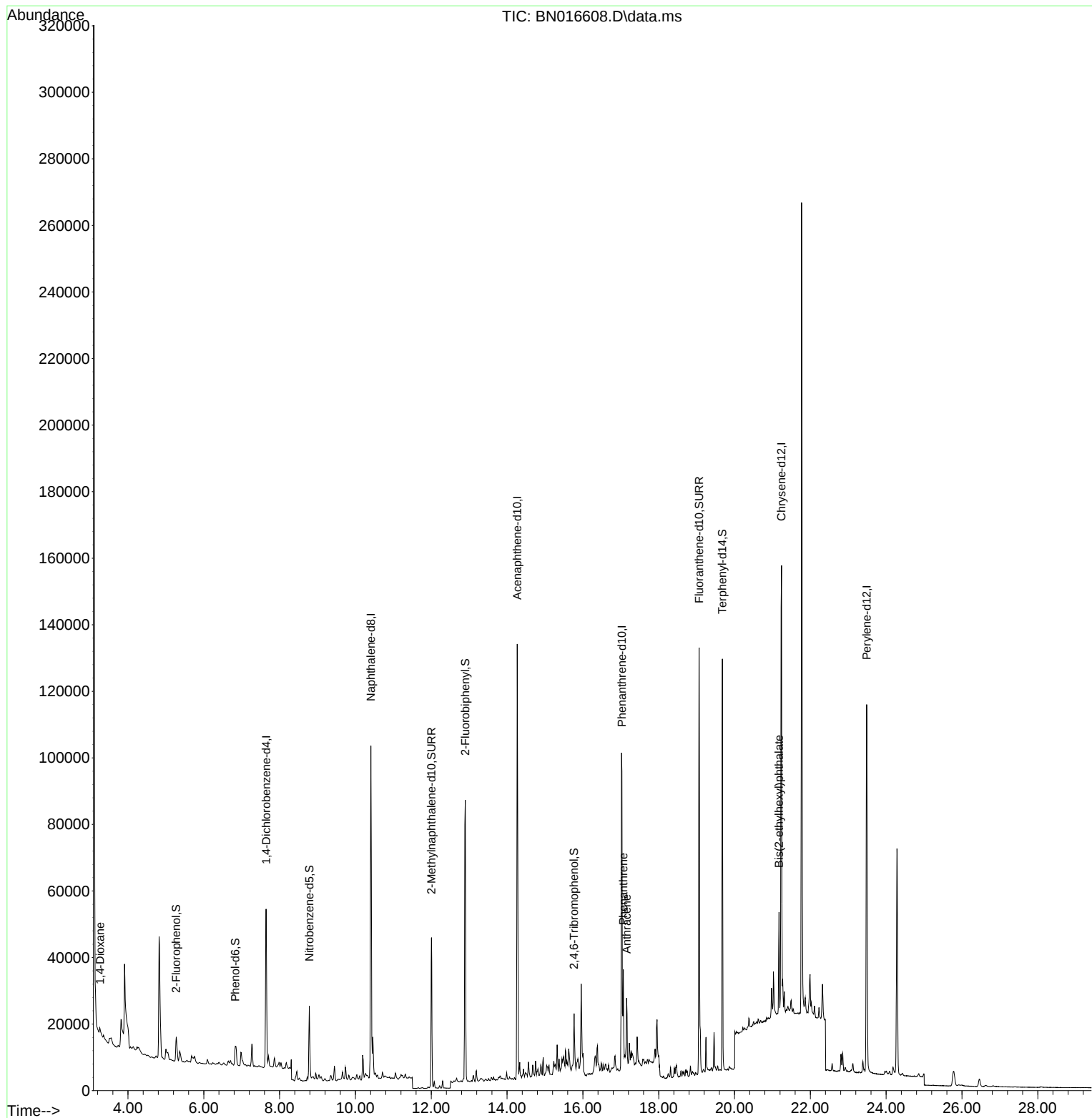
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Data File : BN016608.D
Acq On : 30 Sep 2021 20:22
Operator : CG/JU
Sample : M3962-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

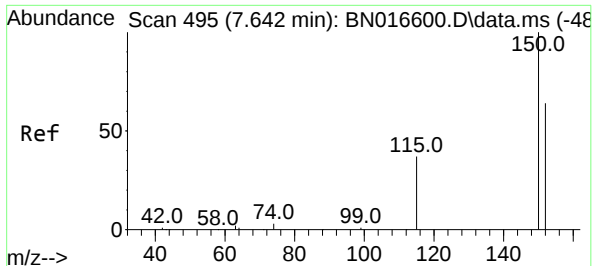
Instrument :
BNA_N
ClientSampleId :
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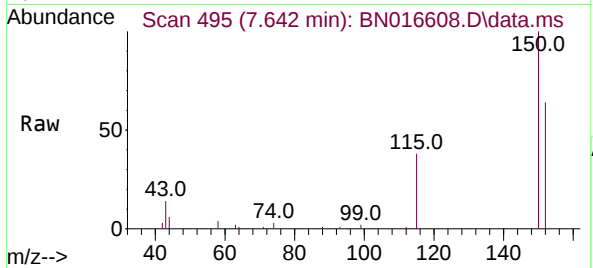
Quant Time: Oct 01 01:37:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 17:56:53 2021
Response via : Initial Calibration



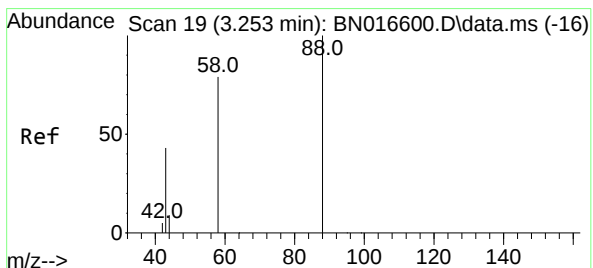
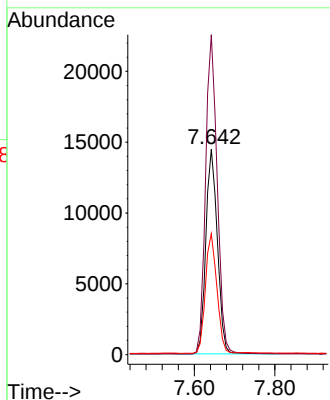
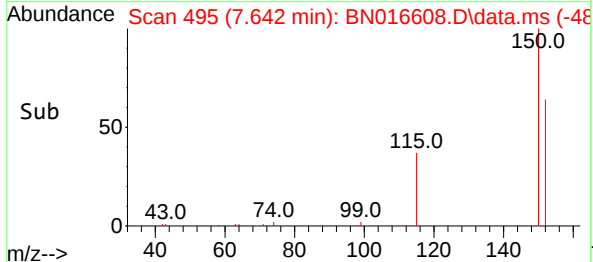


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

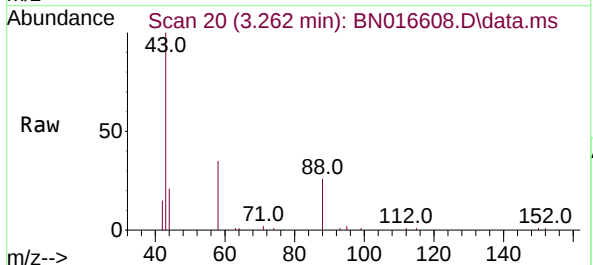
Instrument :
BNA_N
ClientSampled :
UNDERPASS



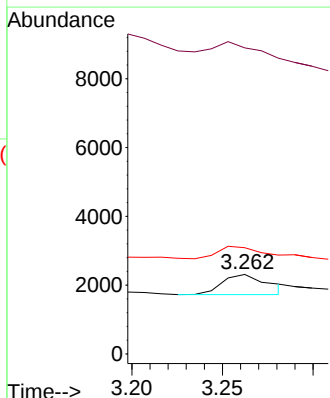
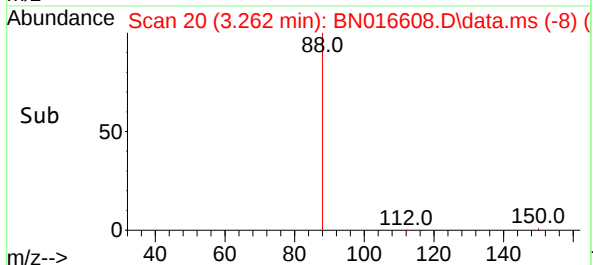
Tgt Ion: 152 Resp: 28705
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 58.9 46.5 69.7

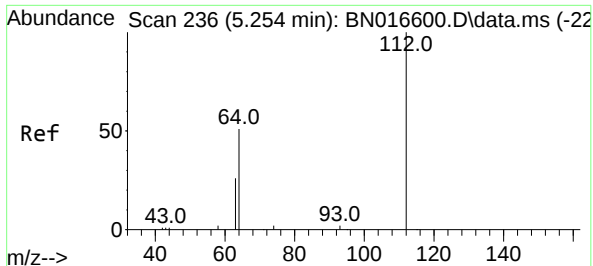


#2
1,4-Dioxane
Concen: 0.078 ng
RT: 3.262 min Scan# 20
Delta R.T. 0.009 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22



Tgt Ion: 88 Resp: 1024
Ion Ratio Lower Upper
88 100
43 68.3 37.8 56.8#
58 57.6 61.3 91.9#





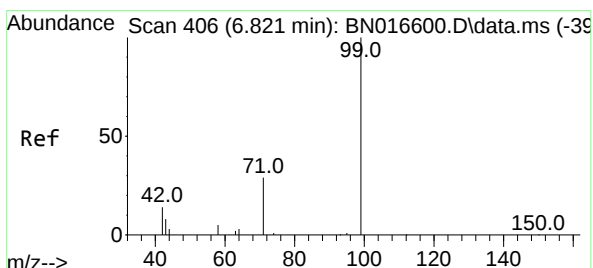
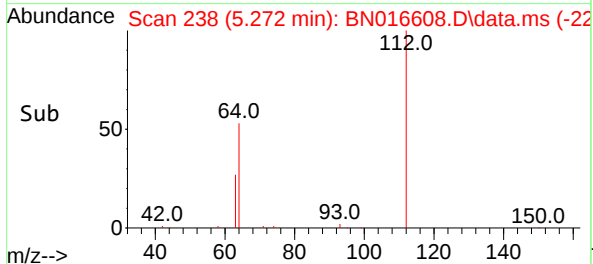
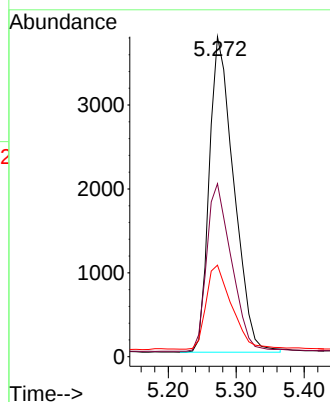
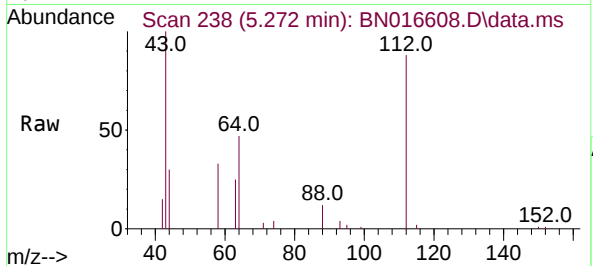
#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.018 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion:	112	Resp:	9438
Ion	Ratio	Lower	Upper
112	100		
64	53.7	43.1	64.7
63	27.7	21.6	32.4

Instrument :
BNA_N
ClientSampleId :
UNDERPASS

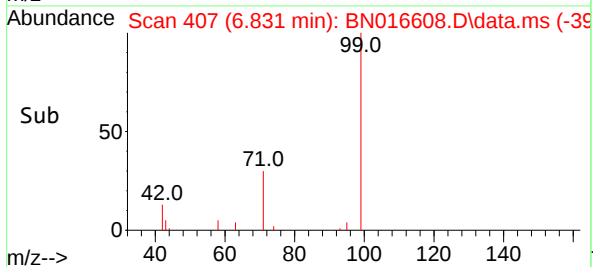
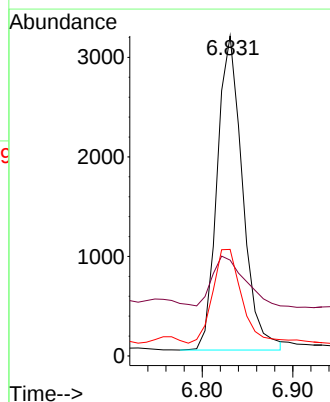
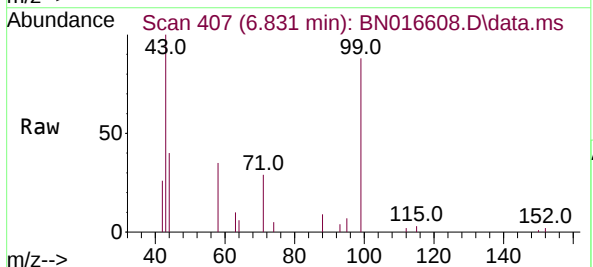
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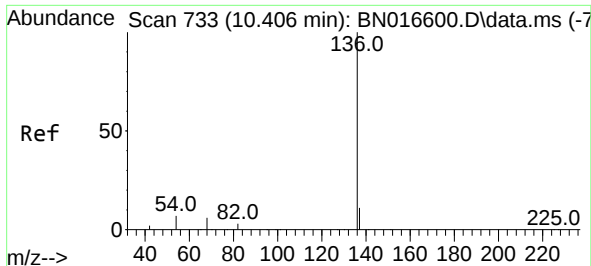
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#5
Phenol-d6
Concen: 0.077 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

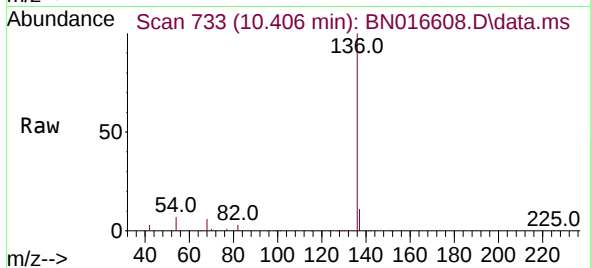
Tgt Ion:	99	Resp:	6129
Ion	Ratio	Lower	Upper
99	100		
42	19.8	13.0	19.6#
71	33.9	23.5	35.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

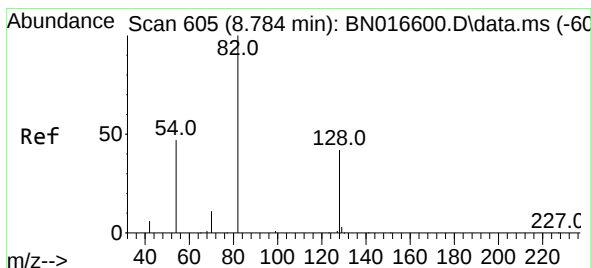
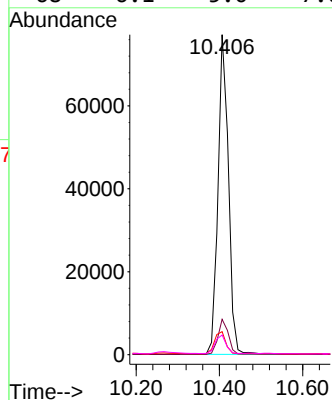
Instrument :
BNA_N
ClientSampleId :
UNDERPASS



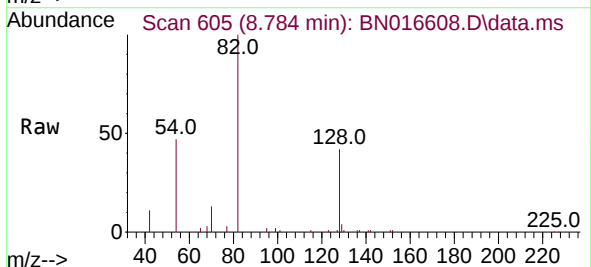
Tgt Ion:	136	Resp:	133696
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	5.9	8.9
68	6.1	5.0	7.6

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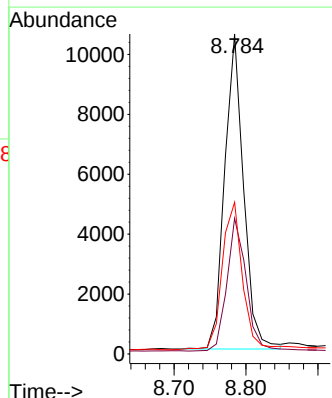
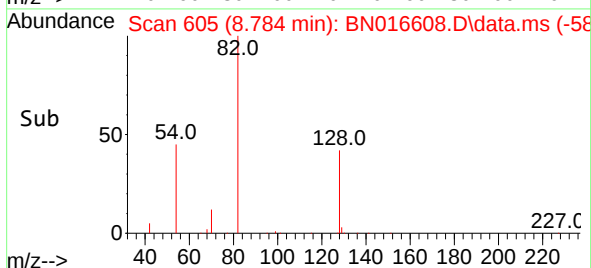
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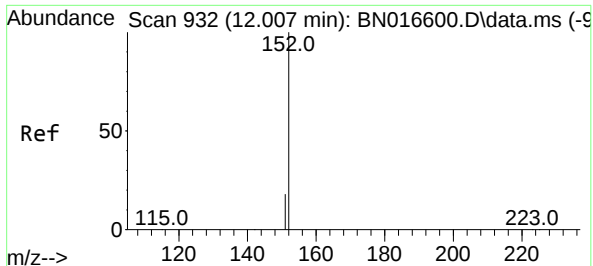


#8
Nitrobenzene-d5
Concen: 0.221 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22



Tgt Ion:	82	Resp:	19224
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.6	50.4
54	47.4	37.6	56.4





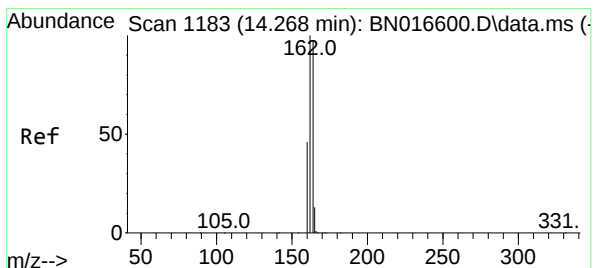
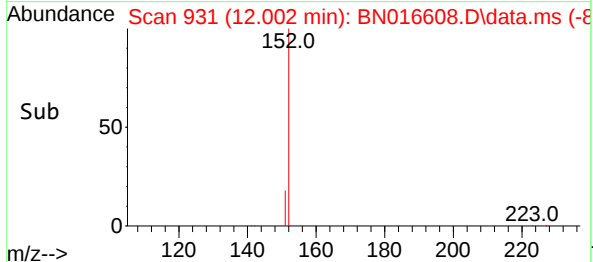
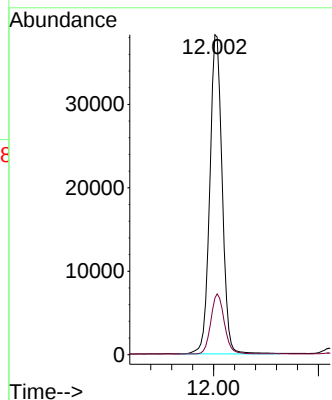
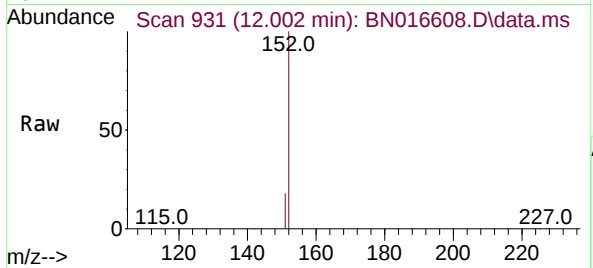
#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.002 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion:152 Resp: 62639
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

Instrument :
BNA_N
ClientSampleId :
UNDERPASS

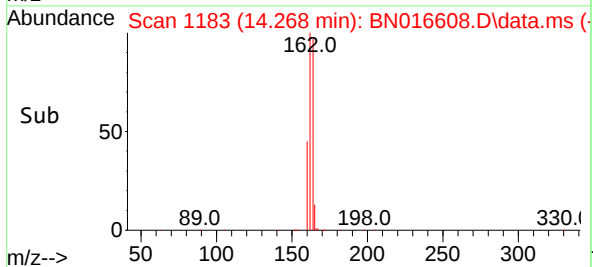
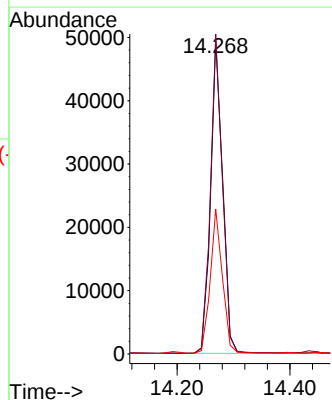
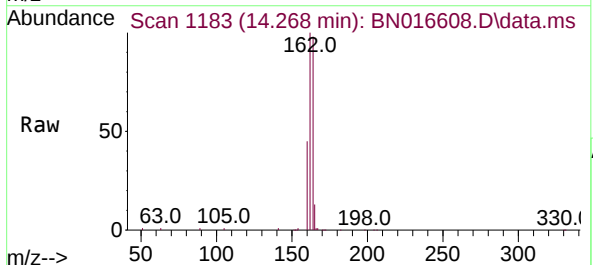
Manual Integrations
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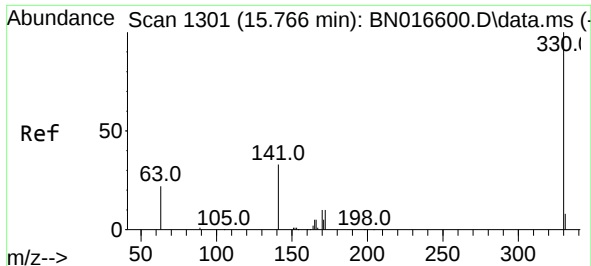
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion:164 Resp: 73058
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.2
160 46.3 37.7 56.5





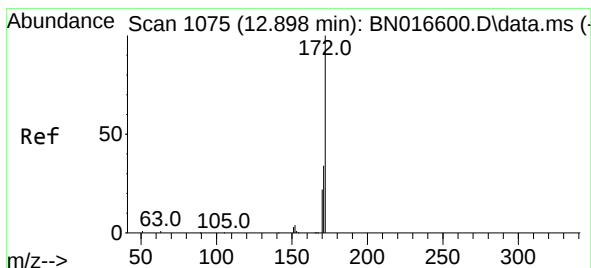
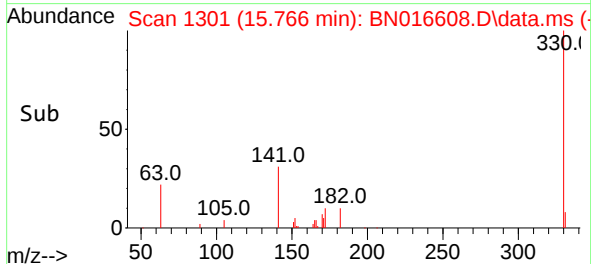
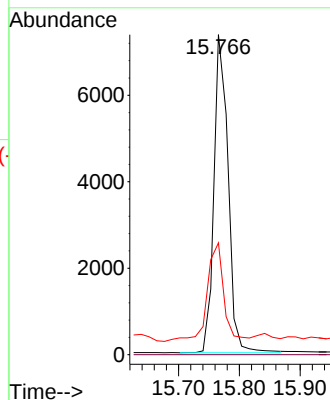
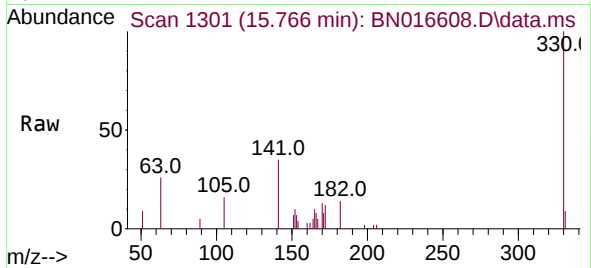
#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion: 330 Resp: 11877
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.2 25.2 37.8

Instrument :
BNA_N
ClientSampled :
UNDERPASS

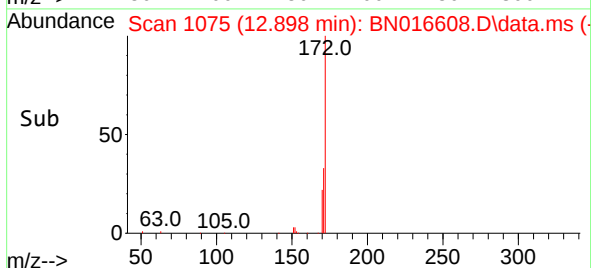
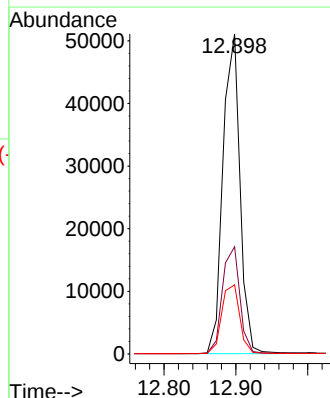
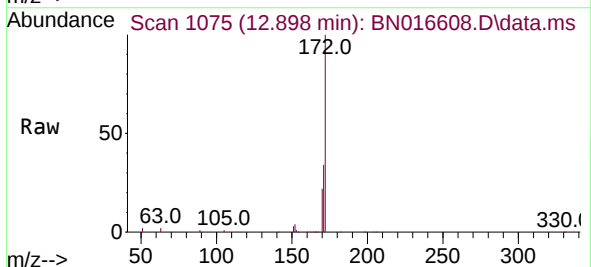
Manual Integrations
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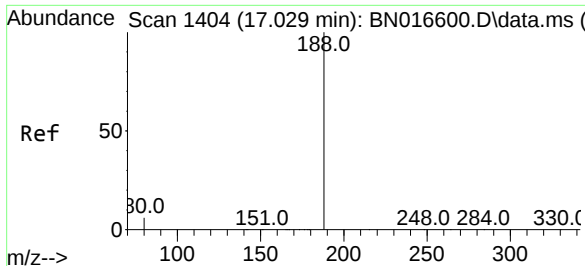
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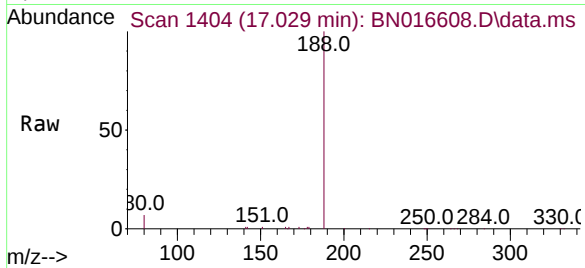
#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion: 172 Resp: 83971
Ion Ratio Lower Upper
172 100
171 33.5 27.0 40.4
170 21.6 17.4 26.2

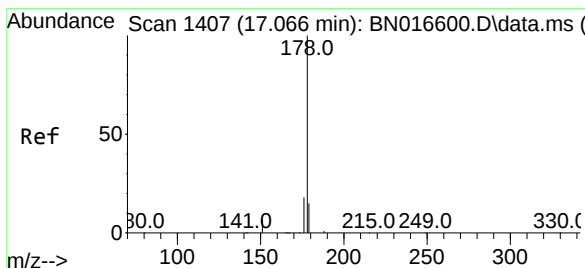
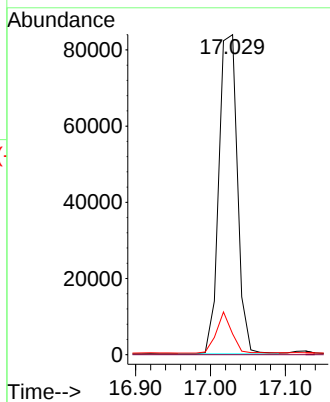
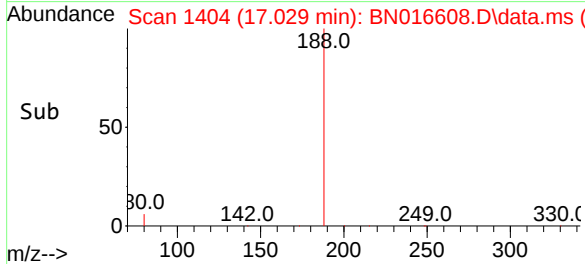




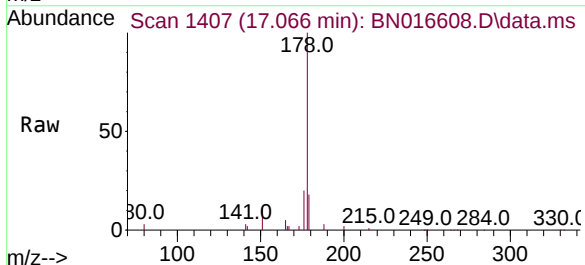
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22



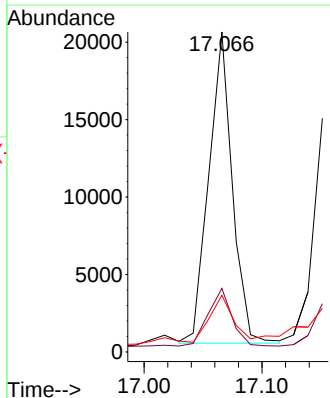
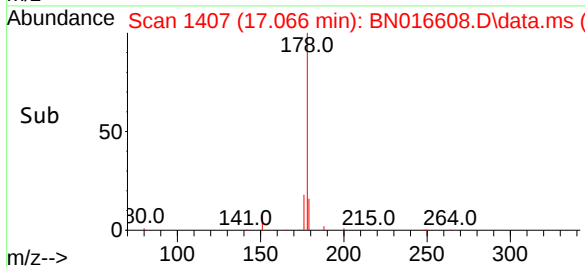
Tgt Ion:188 Resp: 144024
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 5.0 7.6



#25
Phenanthrene
Concen: 0.064 ng m
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22



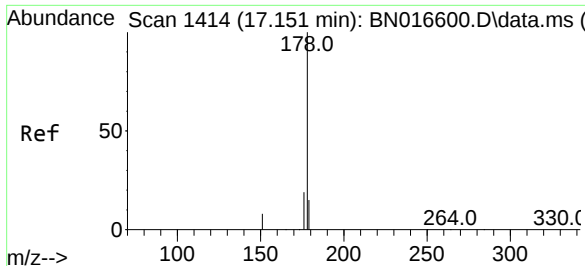
Tgt Ion:178 Resp: 27831
Ion Ratio Lower Upper
178 100
176 15.9 15.0 22.4
179 12.3 12.2 18.4



Instrument :
BNA_N
ClientSampled :
UNDERPASS

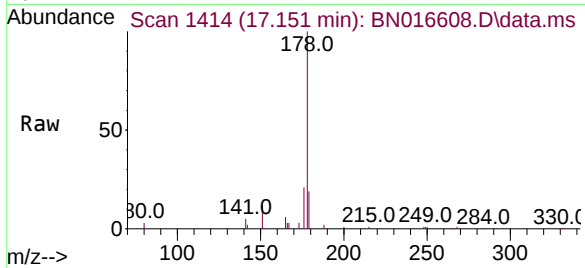
Manual Integrations
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#26
 Anthracene
 Concen: 0.062 ng
 RT: 17.151 min Scan# 1414
 Delta R.T. 0.000 min
 Lab File: BN016608.D
 Acq: 30 Sep 2021 20:22

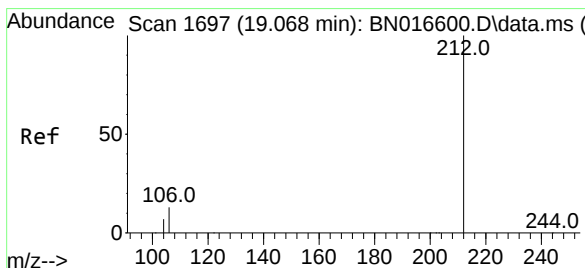
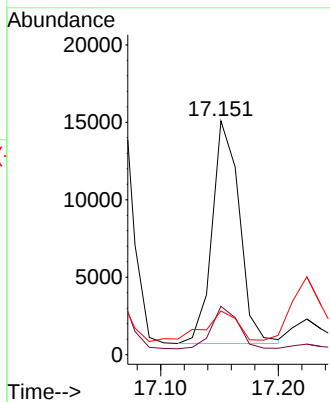
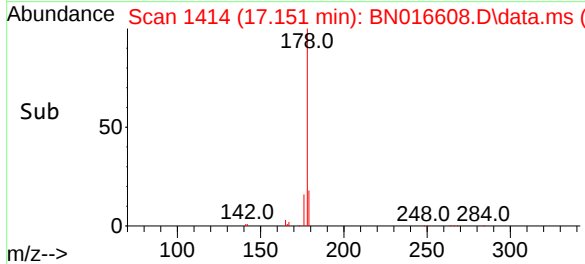
Instrument :
 BNA_N
 ClientSampleId :
 UNDERPASS



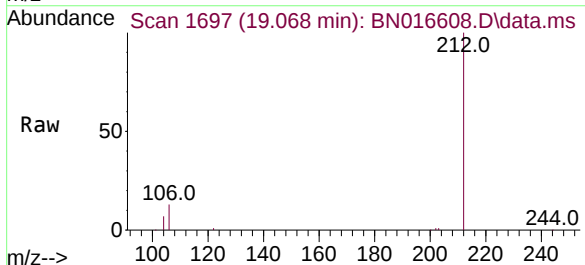
Tgt Ion:	178	Resp:	23176
Ion Ratio	Lower	Upper	
178	100		
176	18.5	14.6	21.8
179	14.7	12.2	18.4

Manual Integrations
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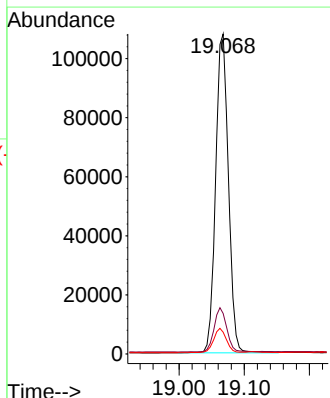
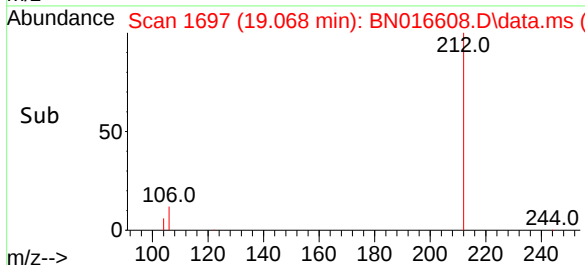
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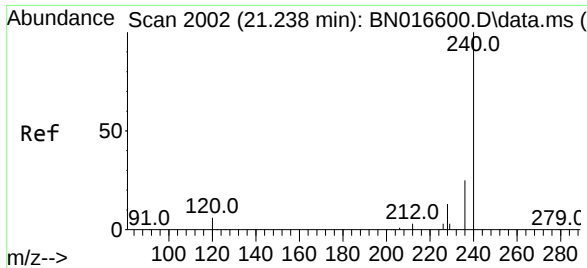


#27
 Fluoranthene-d10
 Concen: 0.384 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN016608.D
 Acq: 30 Sep 2021 20:22



Tgt Ion:	212	Resp:	147196
Ion Ratio	Lower	Upper	
212	100		
106	13.6	10.6	16.0
104	7.6	5.9	8.9





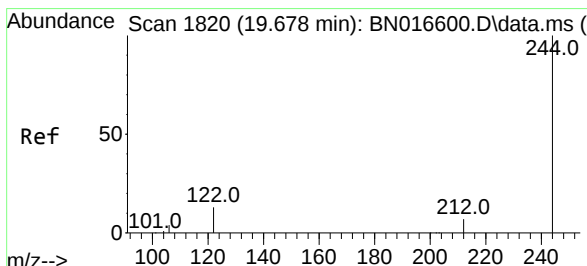
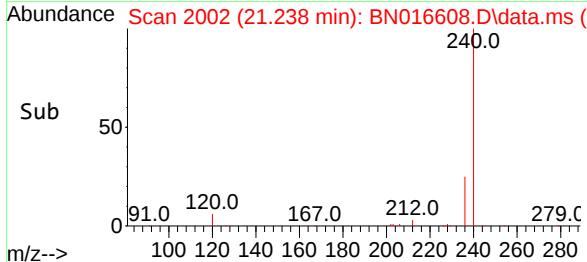
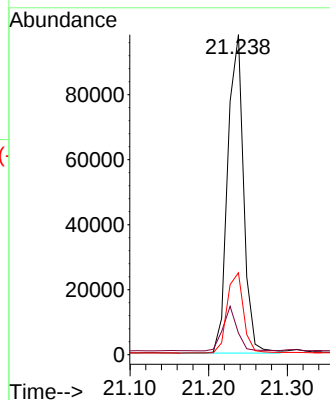
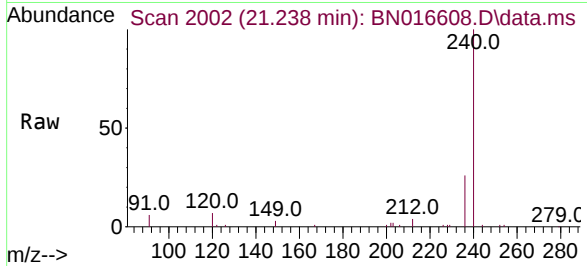
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

Tgt Ion:240 Resp: 137039
Ion Ratio Lower Upper
240 100
120 6.7 5.0 7.4
236 25.6 20.4 30.6

Instrument :
BNA_N
ClientSampleId :
UNDERPASS

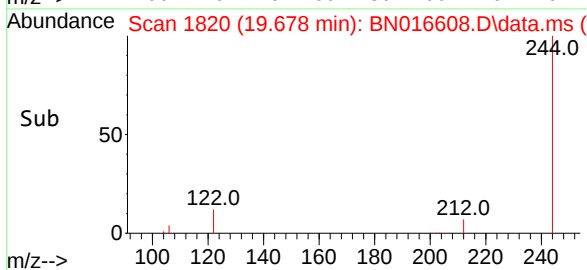
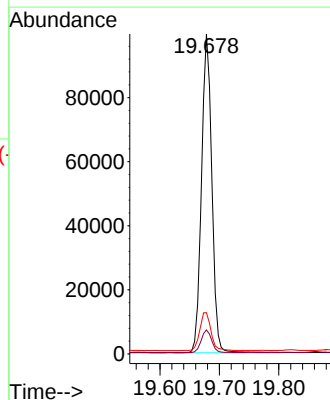
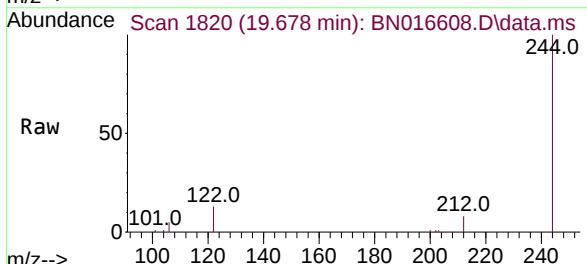
Manual Integrations
APPROVED

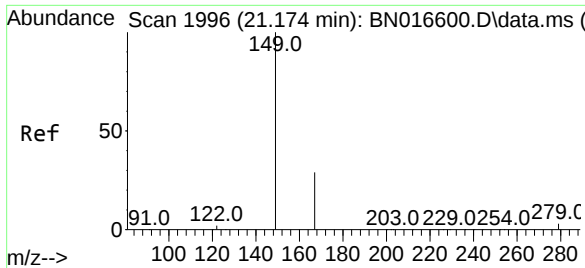
mohammad
10/1/2021 9:17:16 AM



#31
Terphenyl-d14
Concen: 0.403 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016608.D
Acq: 30 Sep 2021 20:22

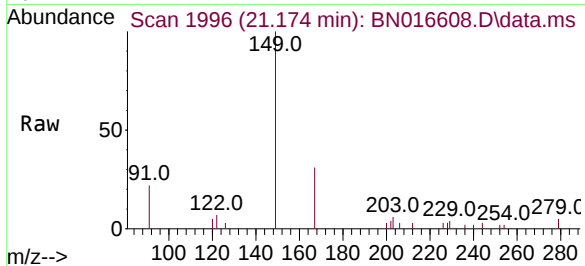
Tgt Ion:244 Resp: 120104
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.9 10.1 15.1





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.172 ng
 RT: 21.174 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: BN016608.D
 Acq: 30 Sep 2021 20:22

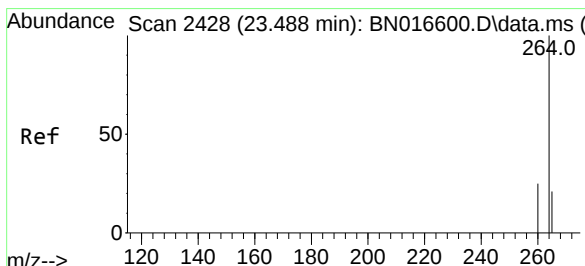
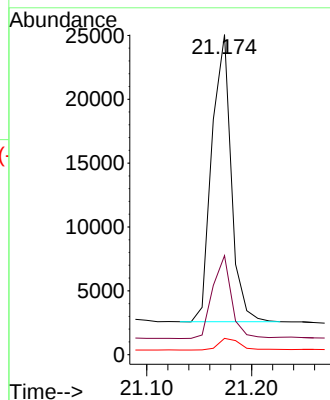
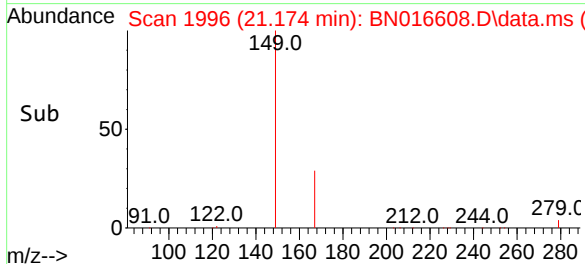
Instrument :
 BNA_N
 ClientSampleId :
 UNDERPASS



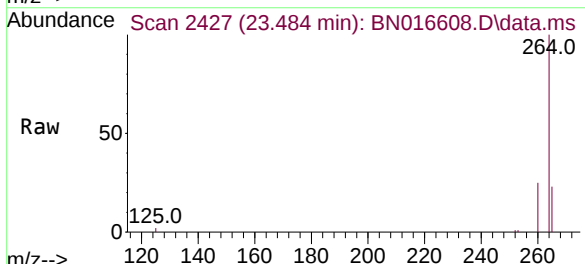
Tgt Ion:149 Resp: 28779
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.2 33.4
 279 4.8 3.2 4.8#

Manual Integrations
 APPROVED

mohammad
 10/1/2021 9:17:16 AM



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.484 min Scan# 2427
 Delta R.T. -0.003 min
 Lab File: BN016608.D
 Acq: 30 Sep 2021 20:22



Tgt Ion:264 Resp: 145817
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 23.4 19.2 28.8

