

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016915.D
 Acq On : 13 Oct 2021 02:01
 Operator : CG/JU
 Sample : M4169-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

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Quant Time: Oct 13 06:19:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	20827	0.40	ng	0.00
7) Naphthalene-d8	10.445	136	94436	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	50950	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	98346	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	96298	0.40	ng	# 0.00
35) Perylene-d12	23.471	264	99874	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	6965	0.15	ng	0.02
5) Phenol-d6	6.877	99	4705	0.09	ng	0.00
8) Nitrobenzene-d5	8.822	82	16269	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	40870	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	8738	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	55153	0.29	ng	0.00
27) Fluoranthene-d10	19.068	212	101752	0.41	ng	0.00
31) Terphenyl-d14	19.678	244	96393	0.46	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	768m	0.06	ng	
9) Naphthalene	10.495	128	28110	0.11	ng	99
24) Pentachlorophenol	16.689	266	202	0.20	ng	88
34) Bis(2-ethylhexyl)phtha...	21.164	149	29383	0.35	ng	99

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

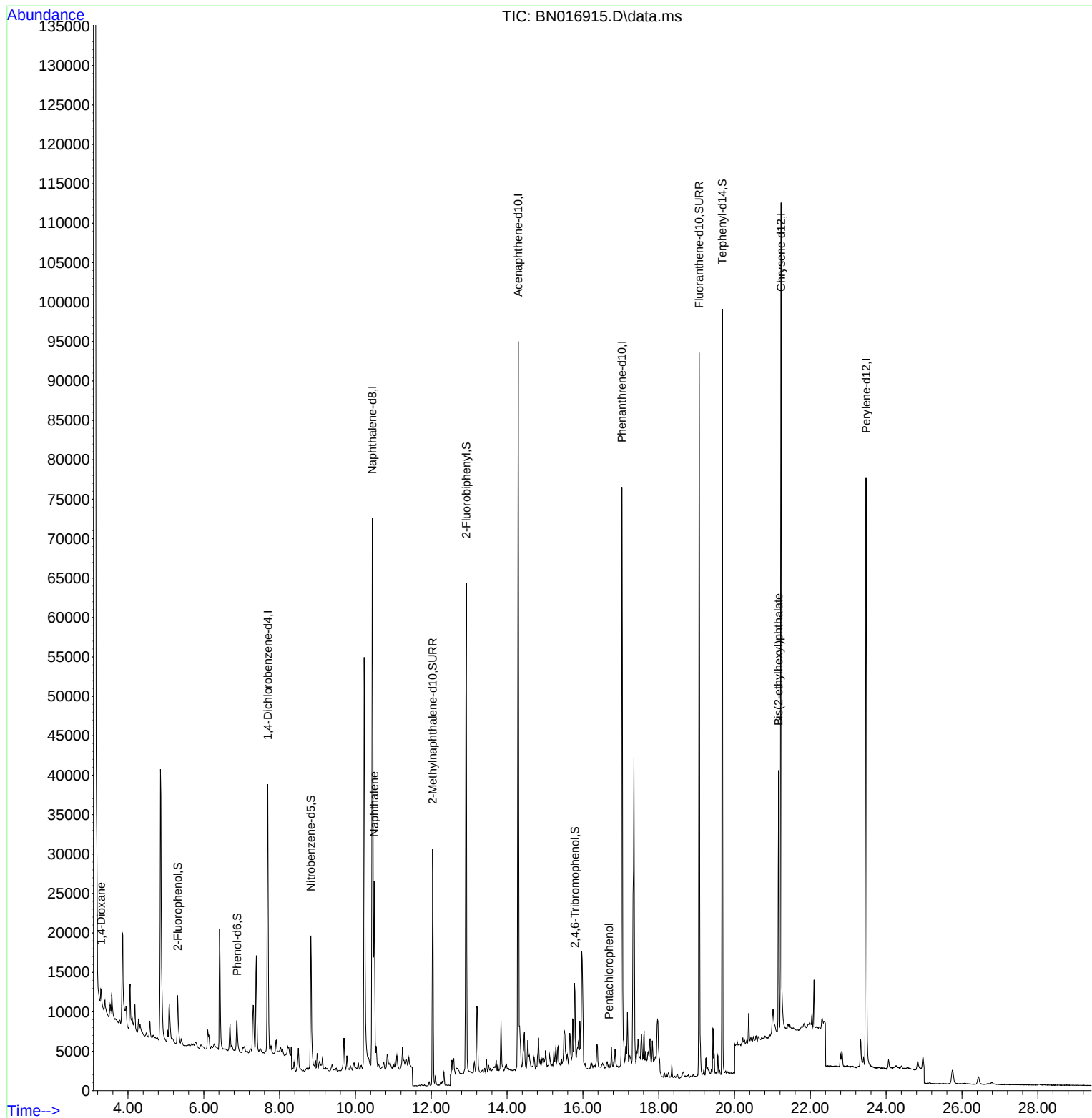
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Data File : BN016915.D
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ALS Vial : 16 Sample Multiplier: 1

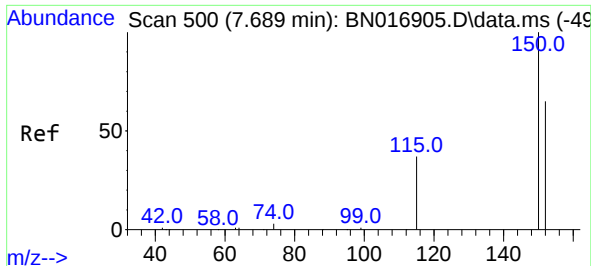
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
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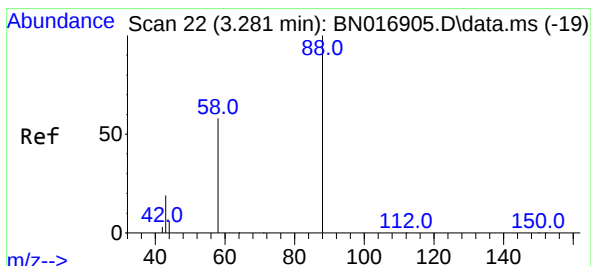
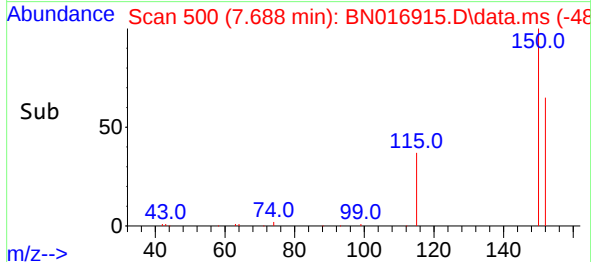
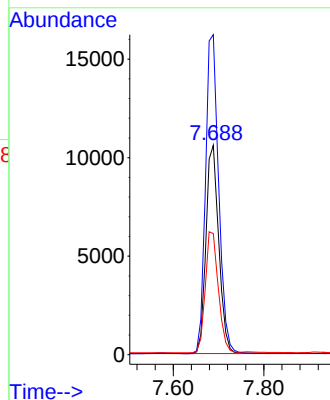
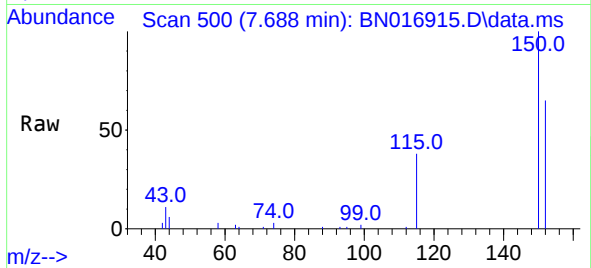
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.688 min Scan# 500
 Delta R.T. -0.001 min
 Lab File: BN016915.D
 Acq: 13 Oct 2021 02:01

Tgt Ion: 152 Resp: 20827
 Ion Ratio Lower Upper
 152 100
 150 152.8 122.6 183.8
 115 57.8 46.1 69.1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

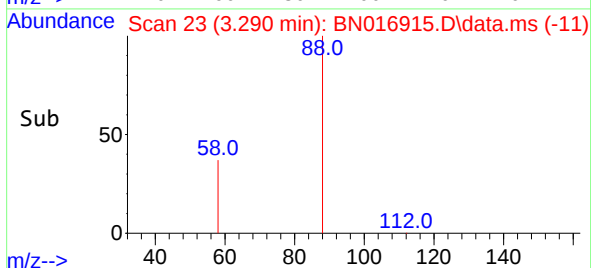
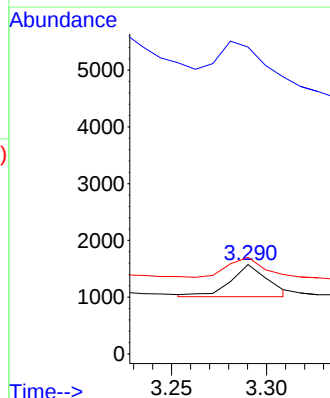
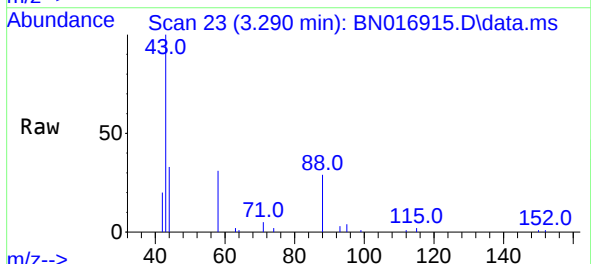
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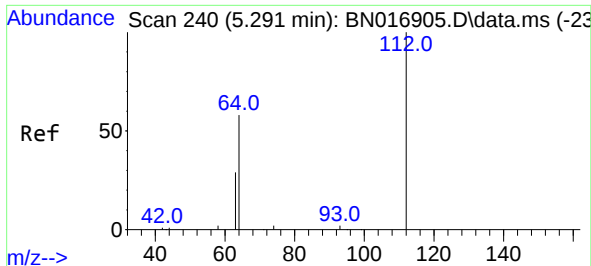
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#2
 1,4-Dioxane
 Concen: 0.06 ng m
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016915.D
 Acq: 13 Oct 2021 02:01

Tgt Ion: 88 Resp: 768
 Ion Ratio Lower Upper
 88 100
 43 76.2 24.3 36.5#
 58 54.3 65.2 97.8#





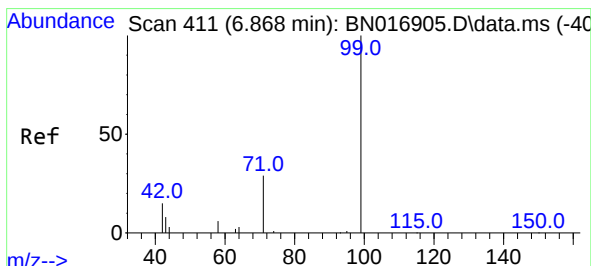
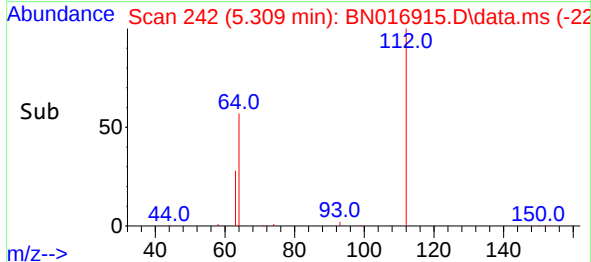
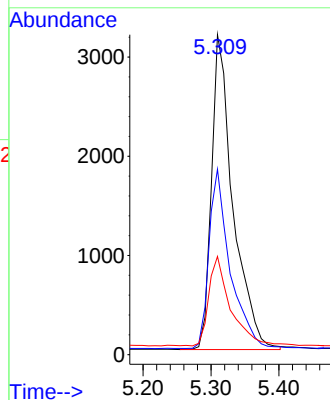
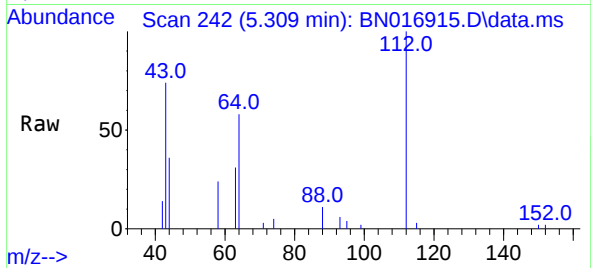
#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.018 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

Tgt Ion: 112 Resp: 6965
Ion Ratio Lower Upper
112 100
64 56.0 45.0 67.4
63 28.7 22.6 33.8

Instrument :
BNA_N
ClientSampleId :
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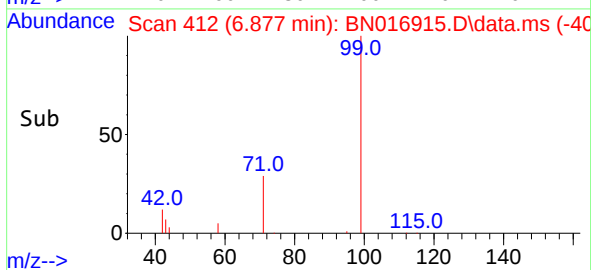
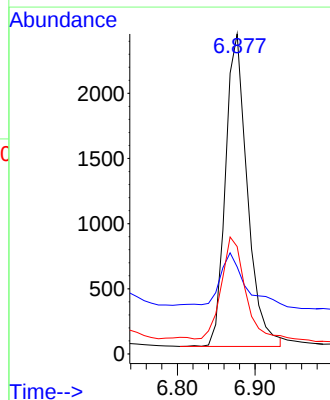
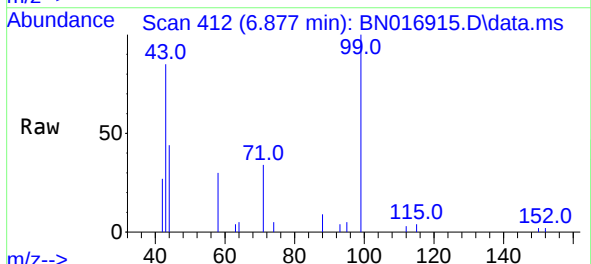
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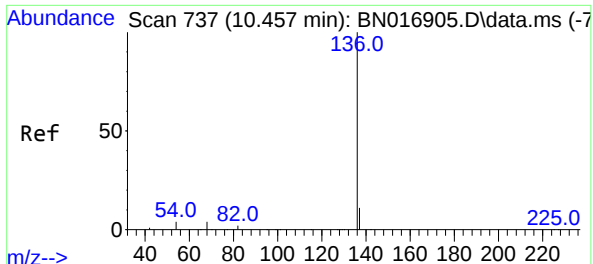
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#5
Phenol-d6
Concen: 0.09 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

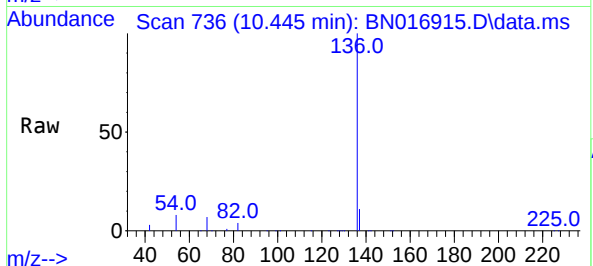
Tgt Ion: 99 Resp: 4705
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 35.0 24.5 36.7





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

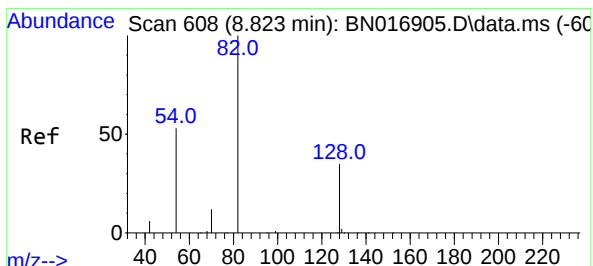
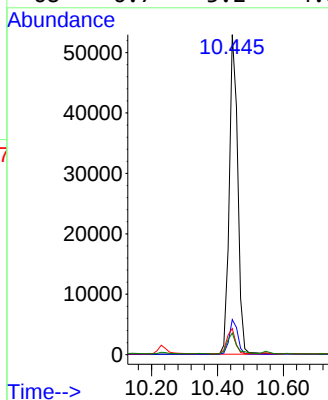
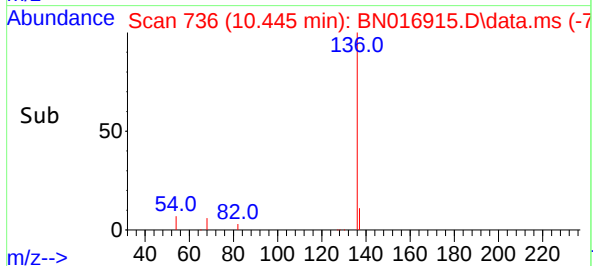
Instrument :
BNA_N
ClientSampleId :
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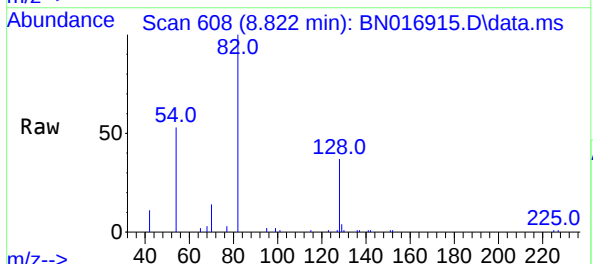
Tgt Ion:136 Resp: 94436
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.2 3.7 5.5#
68 6.7 3.2 4.8#

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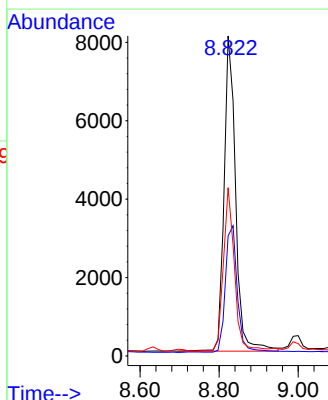
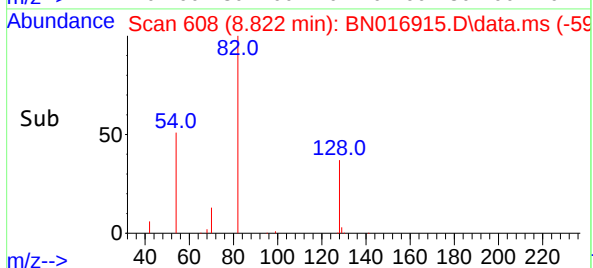
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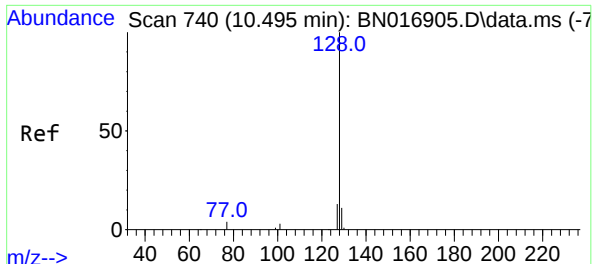


#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01



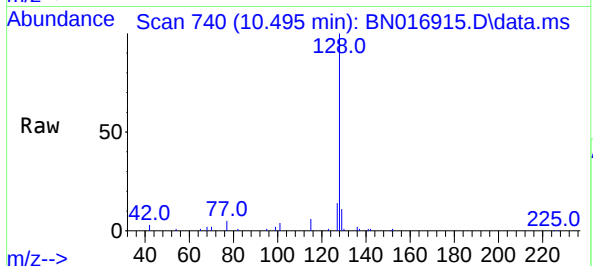
Tgt Ion: 82 Resp: 16269
Ion Ratio Lower Upper
82 100
128 37.5 28.3 42.5
54 52.6 43.0 64.4





#9
Naphthalene
Concen: 0.11 ng
RT: 10.495 min Scan# 740
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

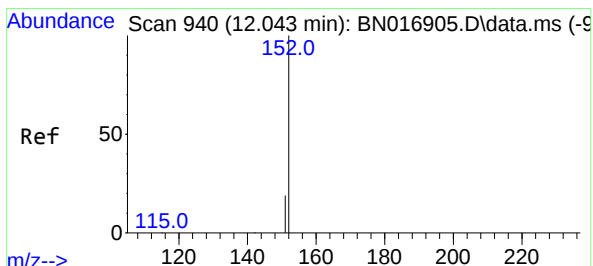
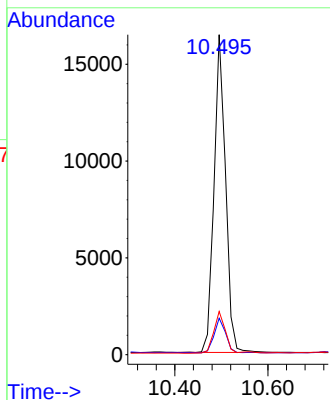
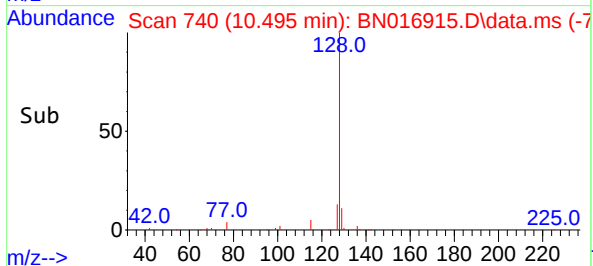
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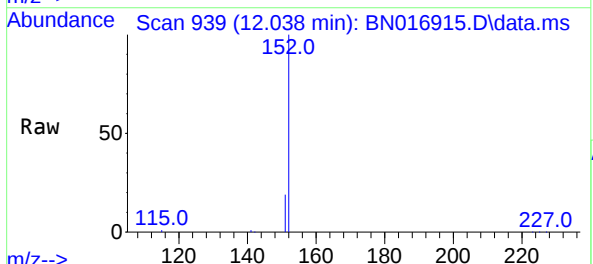
Tgt Ion:128 Resp: 28110
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.5 10.6 16.0

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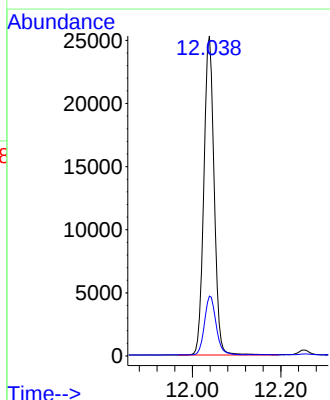
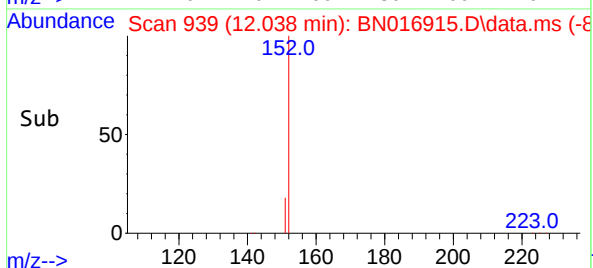
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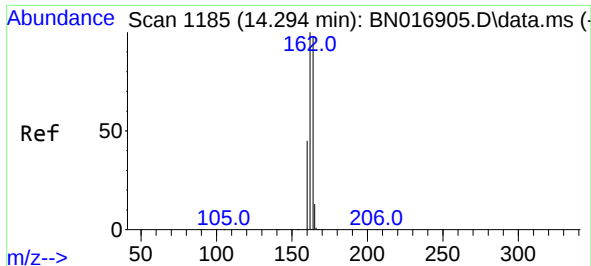


#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

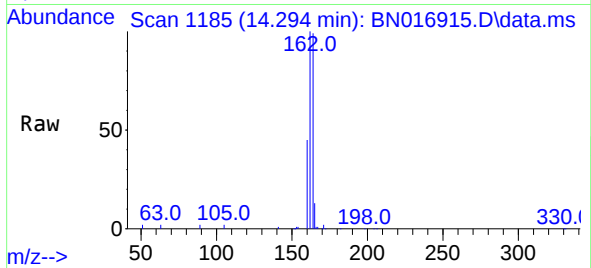


Tgt Ion:152 Resp: 40870
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4

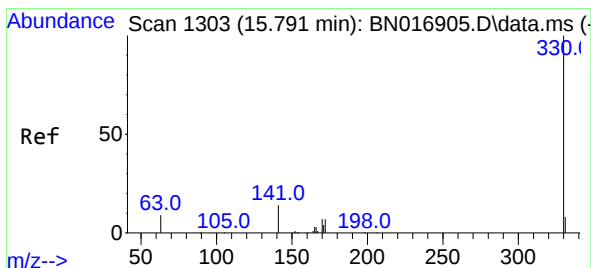
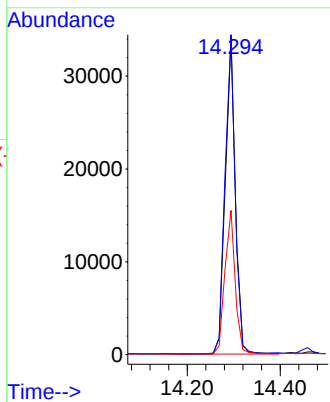
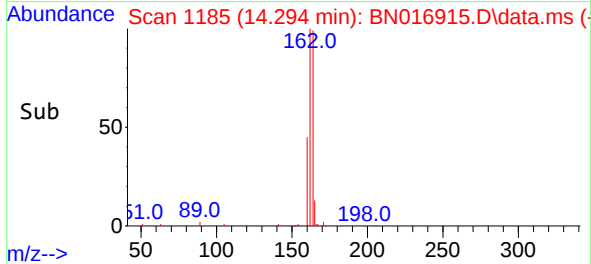




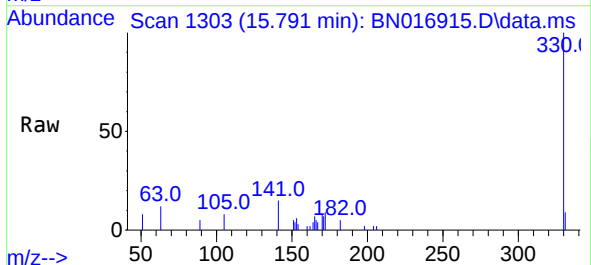
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01



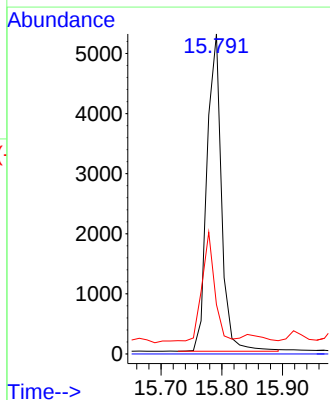
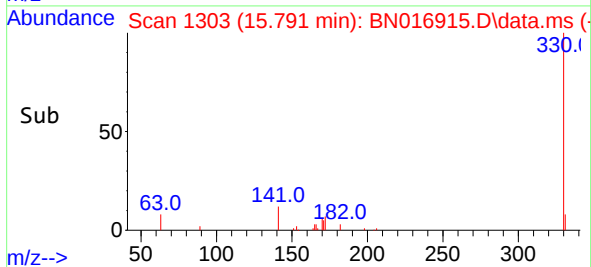
Tgt Ion:164 Resp: 50950
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 45.7 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01



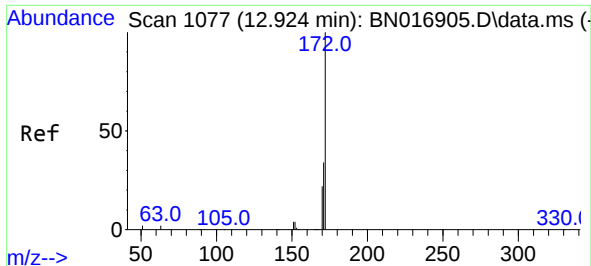
Tgt Ion:330 Resp: 8738
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 24.4 36.6



Instrument :
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SW-RR-03-(SA)

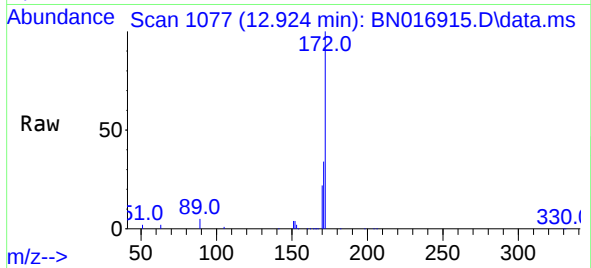
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#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

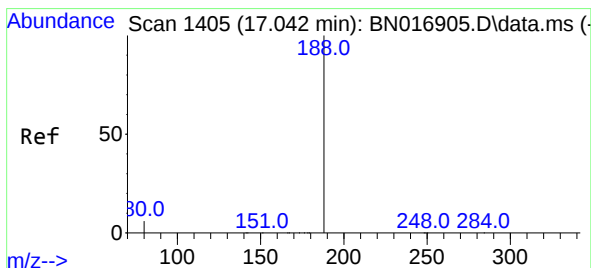
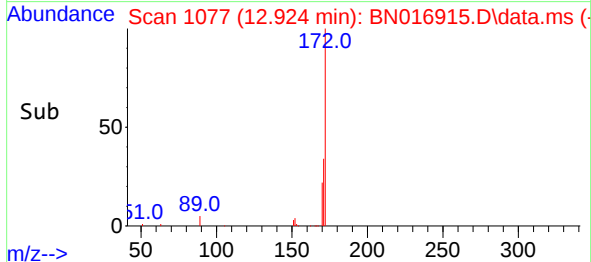
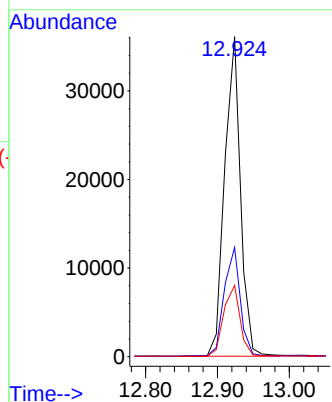
Instrument :
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Tgt Ion:172 Resp: 55153
Ion Ratio Lower Upper
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171 34.2 27.4 41.0
170 22.2 18.1 27.1

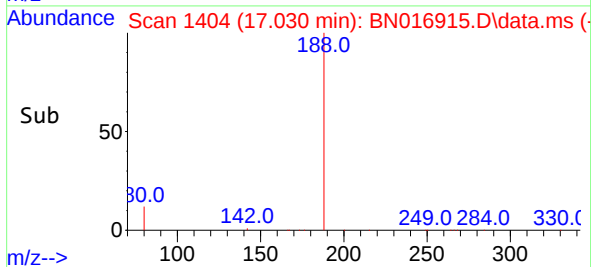
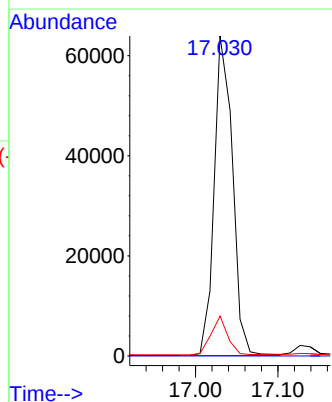
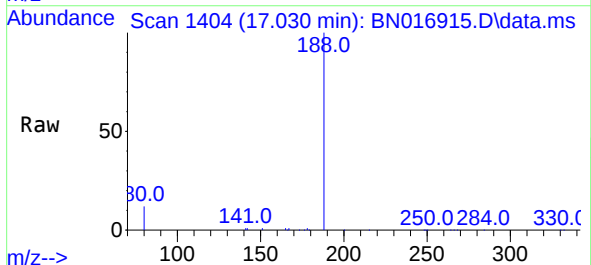
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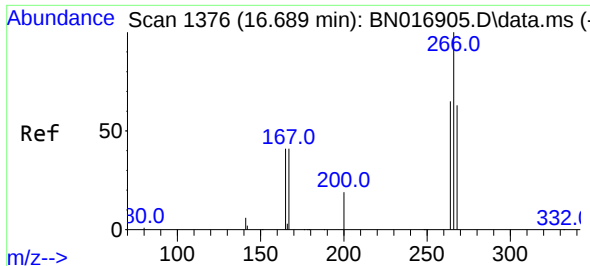
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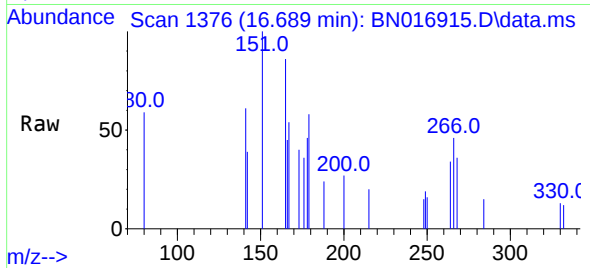
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

Tgt Ion:188 Resp: 98346
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 4.9 7.3#

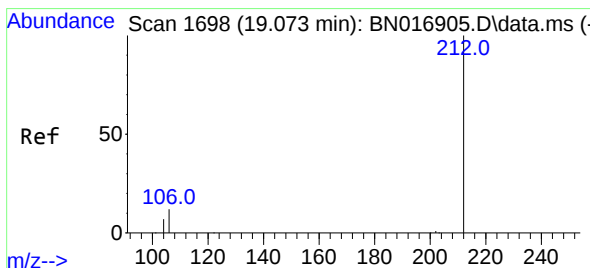
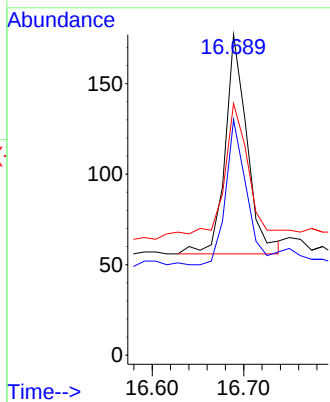
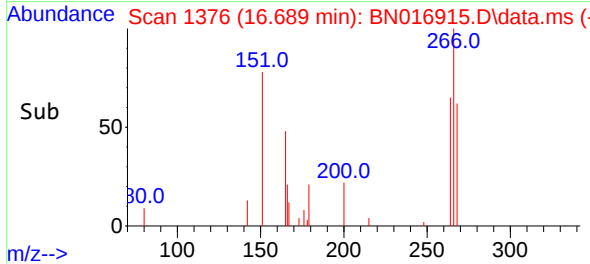




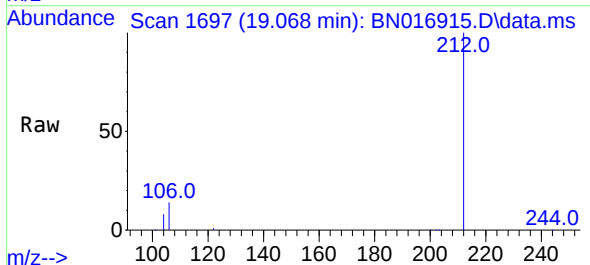
#24
Pentachlorophenol
Concen: 0.20 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01



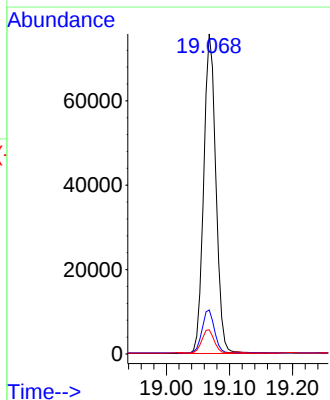
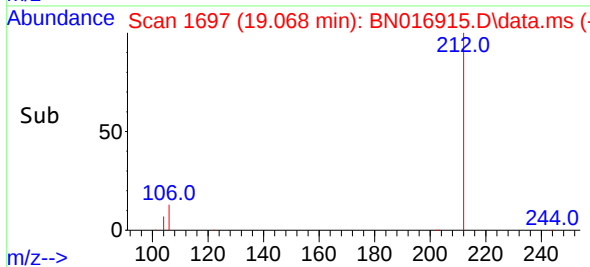
Tgt Ion:266 Resp: 202
Ion Ratio Lower Upper
266 100
264 71.8 50.5 75.7
268 74.8 51.2 76.8



#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01



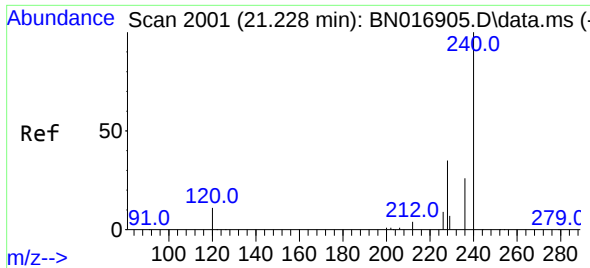
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Ion Ratio Lower Upper
212 100
106 13.5 10.7 16.1
104 7.4 5.8 8.8



Instrument :
BNA_N
ClientSampleId :
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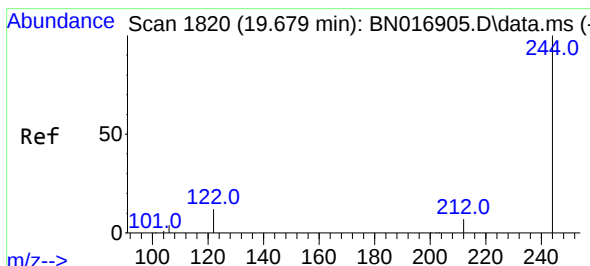
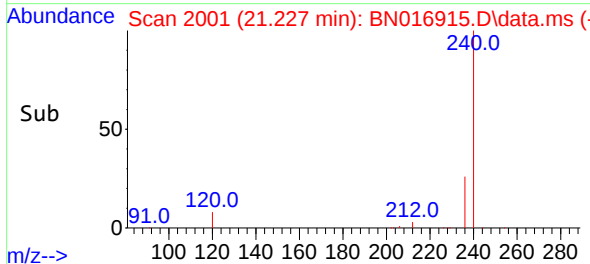
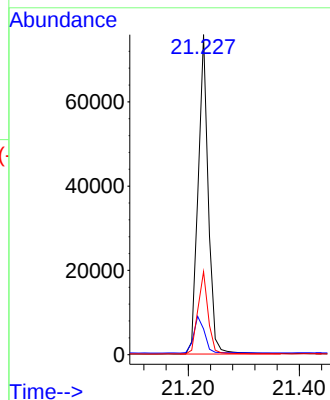
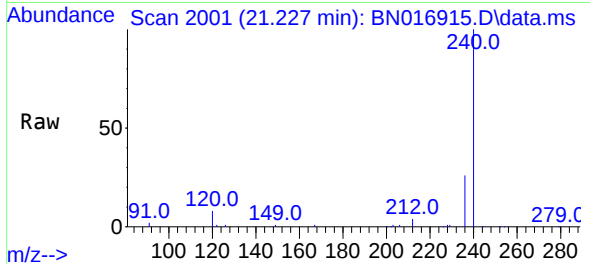
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

Tgt Ion:240 Resp: 96298
Ion Ratio Lower Upper
240 100
120 8.1 8.6 12.8#
236 26.0 21.0 31.4

Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

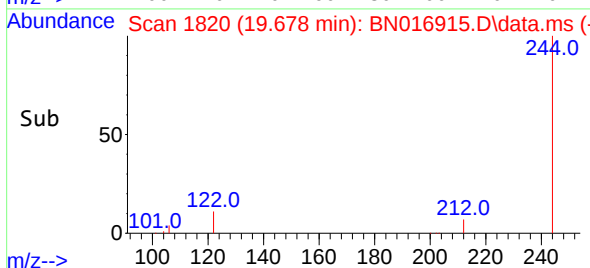
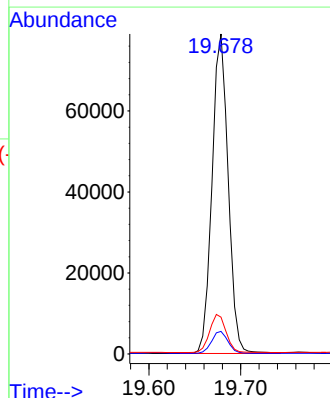
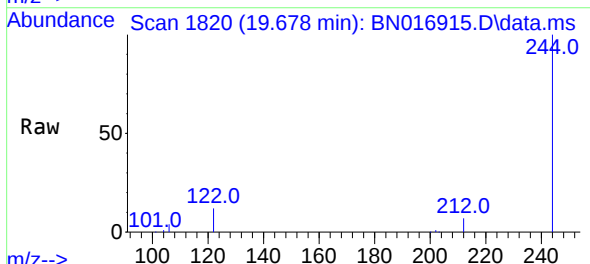
Manual Integrations
APPROVED

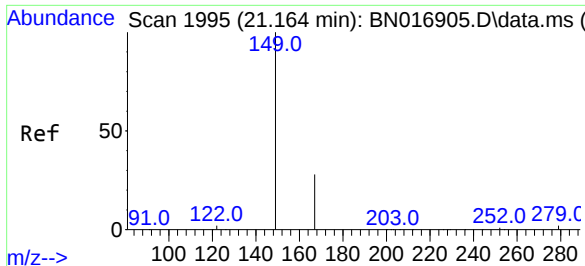
mohammad
10/14/2021 10:52:03 AM



#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

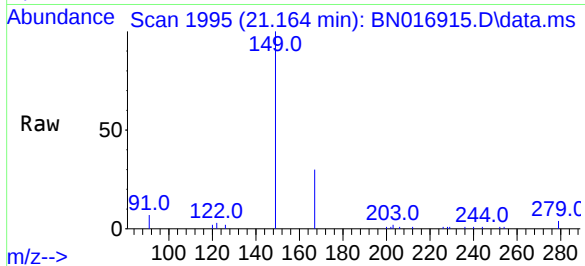
Tgt Ion:244 Resp: 96393
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.5 9.8 14.6





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01

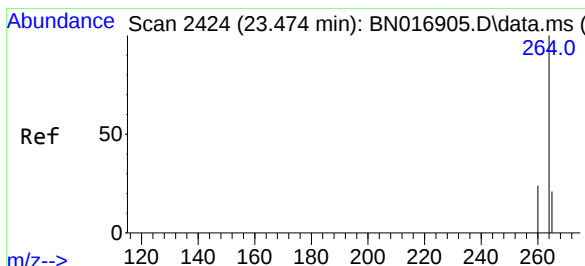
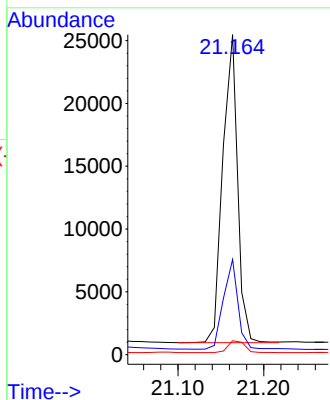
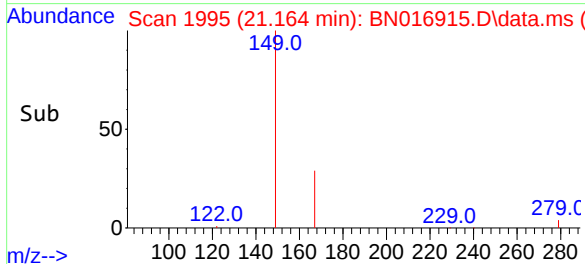
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)



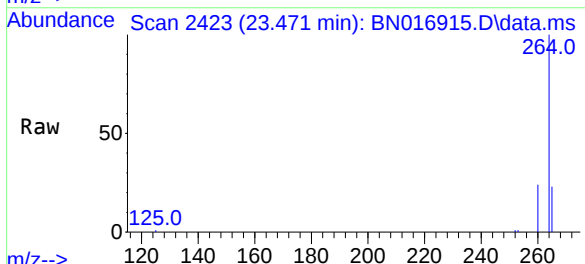
Tgt Ion:149 Resp: 29383
Ion Ratio Lower Upper
149 100
167 28.3 22.1 33.1
279 4.4 3.4 5.0

Manual Integrations
APPROVED

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#35
Perylene-d12
Concen: 0.40 ng
RT: 23.471 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BN016915.D
Acq: 13 Oct 2021 02:01



Tgt Ion:264 Resp: 99874
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 23.5 18.6 27.8

