

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000264.D
 Acq On : 06 Mar 2018 15:24
 Operator : JU/SJ
 Sample : J1699-45
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B14

Manual Integrations
 APPROVED

Quant Time: Mar 07 06:10:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	246964	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1190563	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	673703	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1430652	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1435920	20.00	ng	-0.03
86) Perylene-d12	24.37	264	1492264	20.00	ng	-0.05

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System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	1310394	86.48	ng	-0.02
7) Phenol-d6	7.58	99	1904975	82.99	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1100841	54.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	492517	73.86	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	2392036	50.04	ng	-0.02
78) Terphenyl-d14	20.34	244	3066026	57.65	ng	-0.02

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Target Compounds

						Qvalue
32) Benzoic acid	10.46	122	6100m	10.900	ng	
35) Caprolactam	12.16	113	3289	4.434	ng	91
73) Di-n-butylphthalate	18.70	149	1030393	11.323	ng	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	45285	3.565	ng	# 92

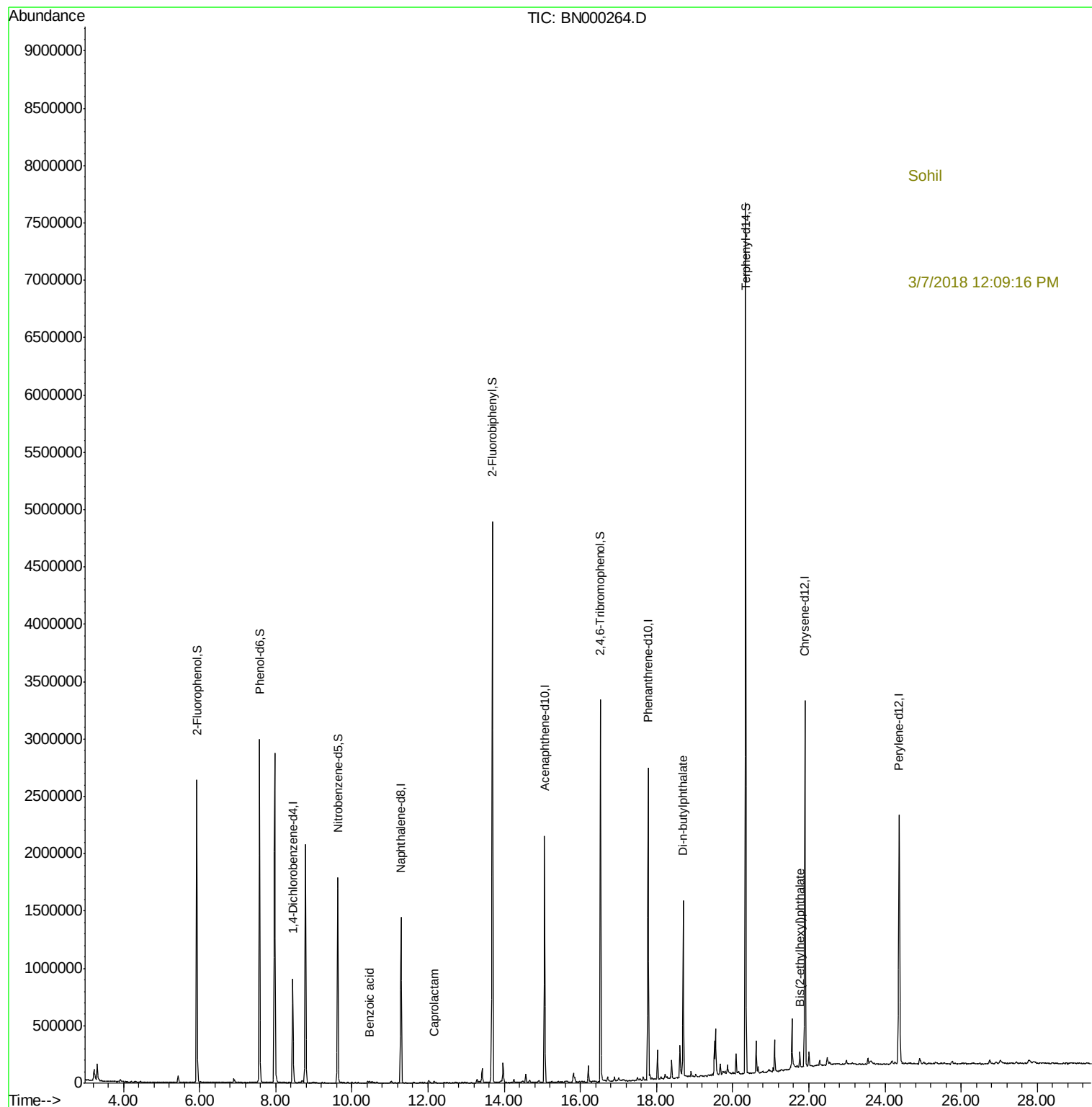
(#) = qualifier out of range (m) = manual integration (+) = signals summed

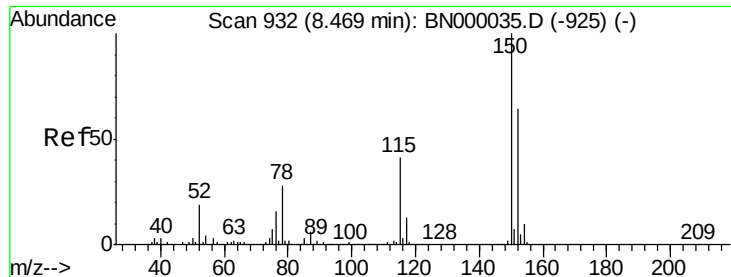
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\
Data File : BN000264.D
Acq On : 06 Mar 2018 15:24
Operator : JU/SJ
Sample : J1699-45
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
B14

Manual Integrations
APPROVED

Quant Time: Mar 07 06:10:58 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
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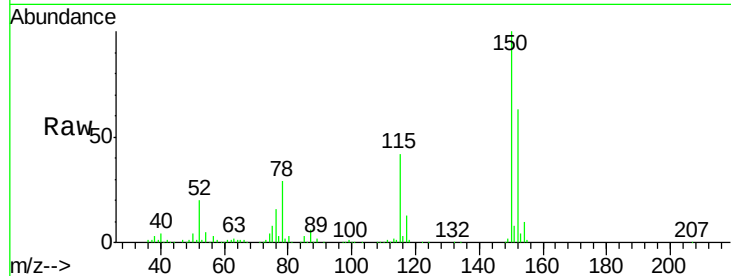
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Instrument :
BNA_N
ClientSampled :
B14

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	66.0	53.0	79.4

Manual Integrations
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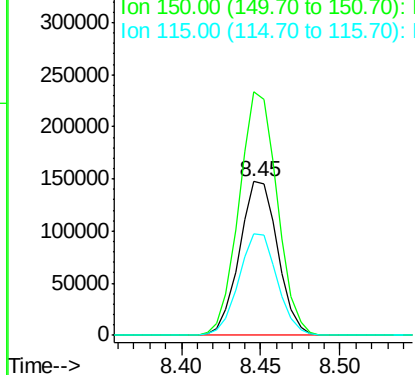


Abundance

Ion 152.00 (151.70 to 152.70): E

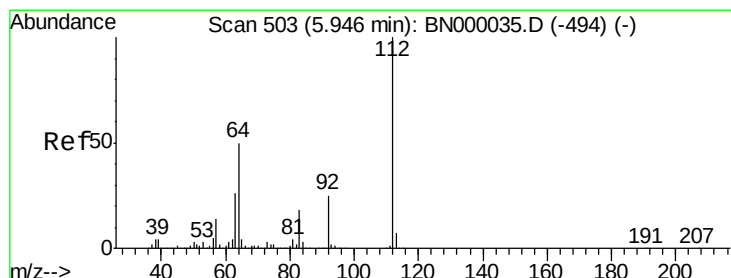
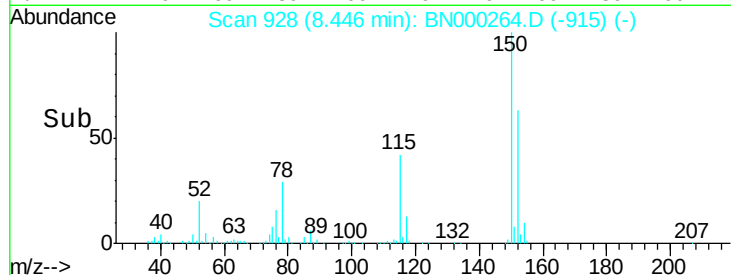
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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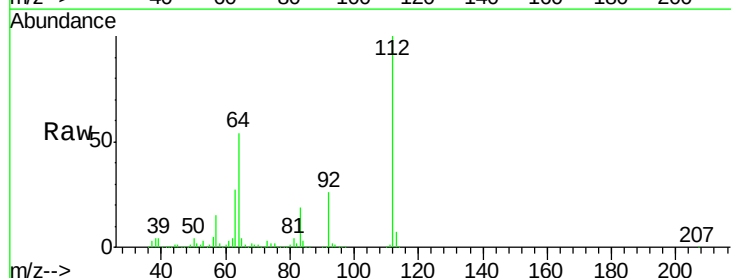
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#5

2-Fluorophenol
Concen: 86.476 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	56.3	84.5#
63	27.0	30.1	45.1#

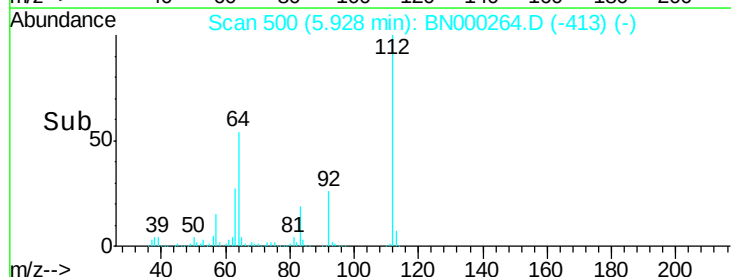
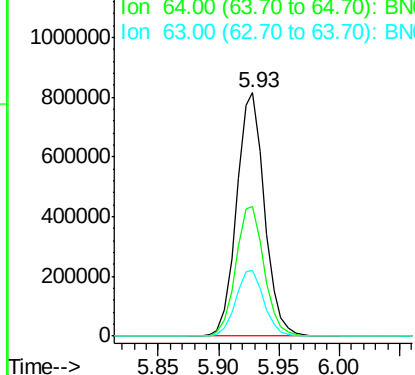


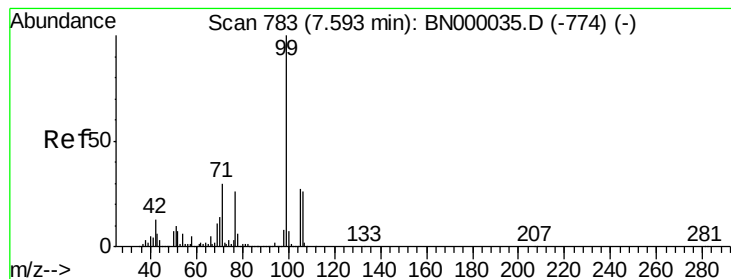
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 82.992 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

Instrument :

BNA_N

ClientSampled :

B14

Tot Ion: 99 Resp: 1904975

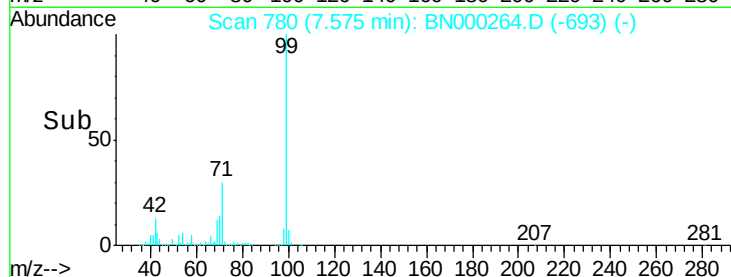
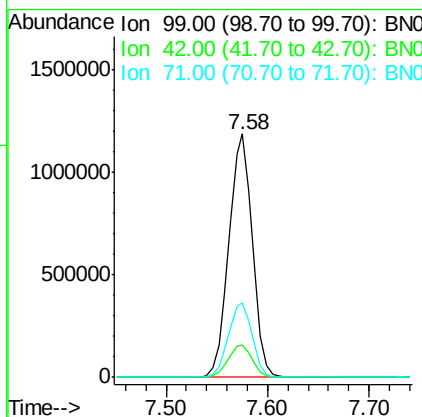
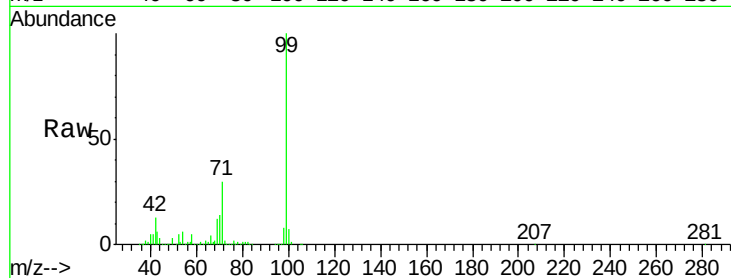
Ion Ratio Lower Upper

99 100

42 13.3 14.1 21.1#

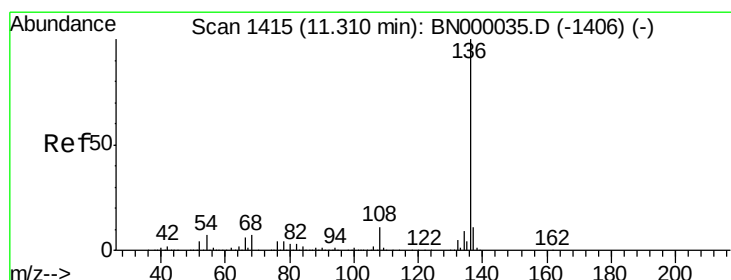
71 30.5 26.1 39.1

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.29 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

Tgt Ion: 136 Resp: 1190563

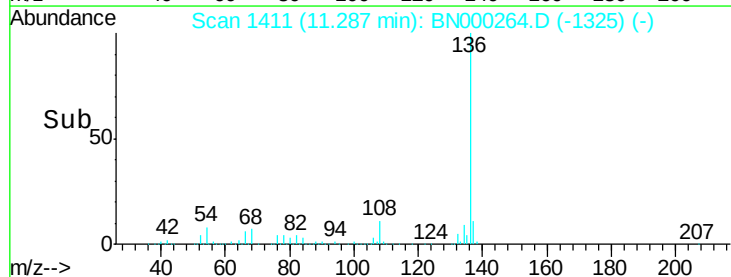
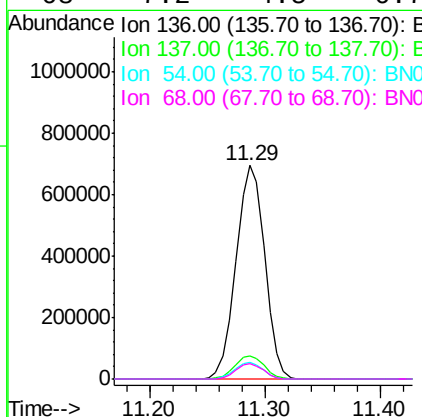
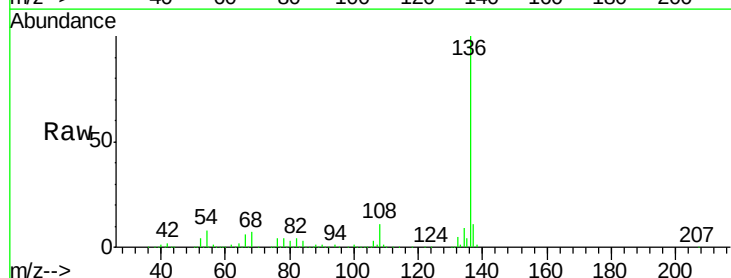
Ion Ratio Lower Upper

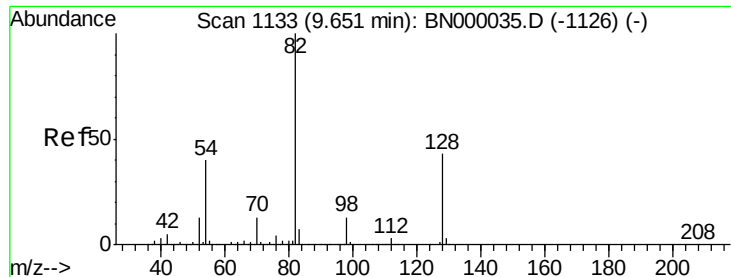
136 100

137 10.9 9.2 13.8

54 7.6 10.3 15.5#

68 7.2 4.5 6.7#



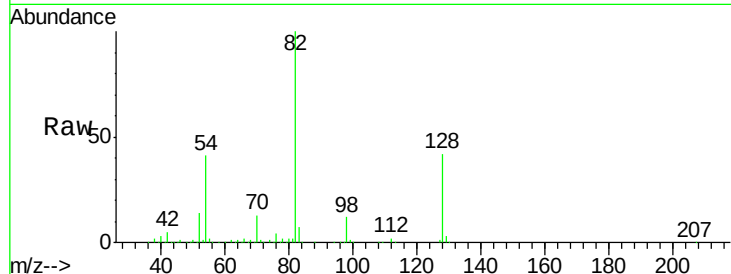


#23
Nitrobenzene-d5
Concen: 54.975 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

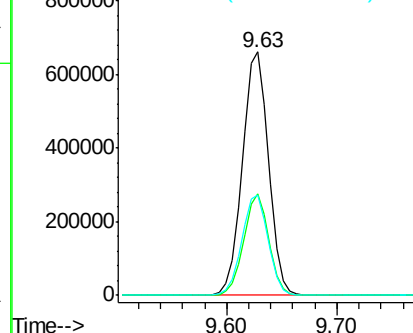
Instrument :
BNA_N
ClientSampled :
B14

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	29.7	44.5
54	41.2	43.1	64.7

Manual Integrations
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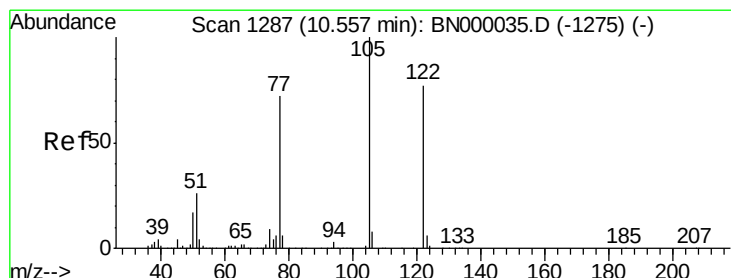
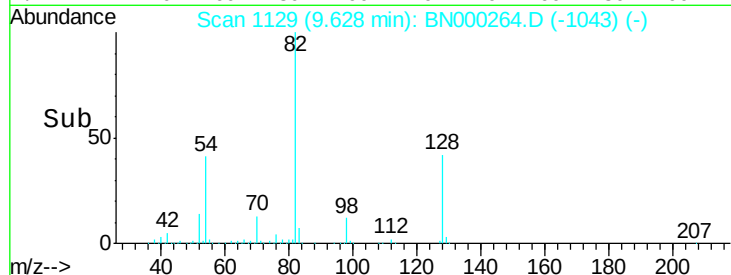


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0



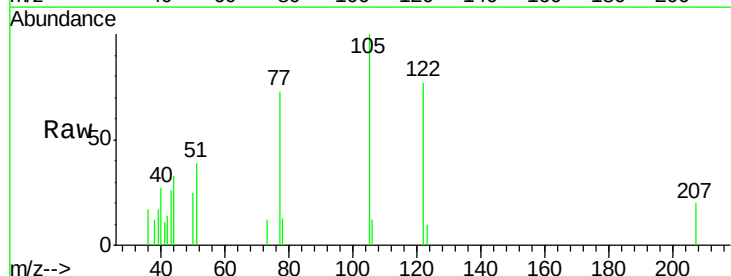
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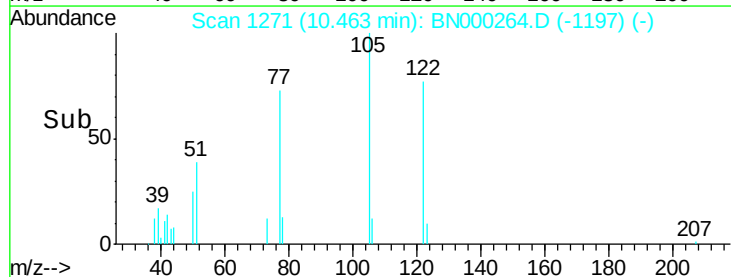
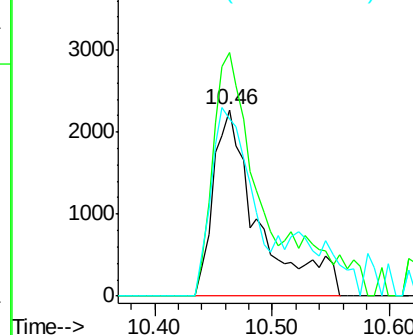


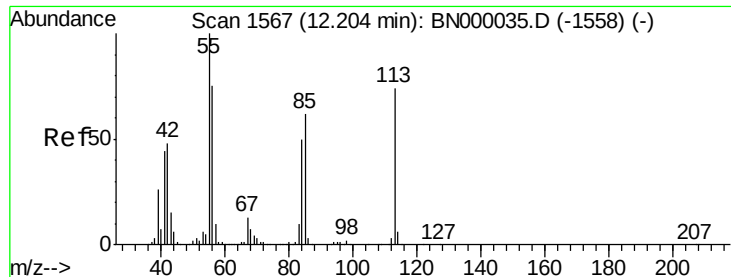
#32
Benzoic acid
Concen: 10.900 ng m
RT: 10.46 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.5	123.5	163.5
77	95.0	85.7	125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BN0





#35

Caprolactam

Concen: 4.434 ng

RT: 12.16 min Scan# 1560

Delta R.T. -0.04 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

Instrument :

BNA_N

ClientSampled :

B14

Tot Ion:113 Resp: 3289

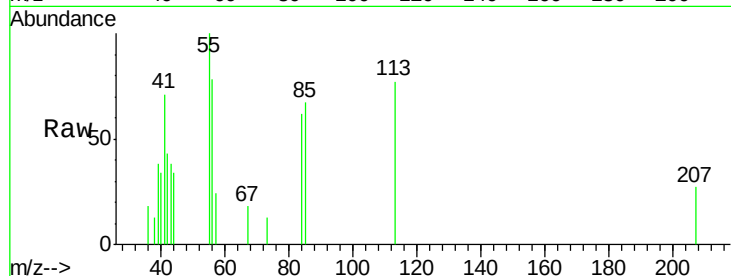
Ion Ratio Lower Upper

113 100

55 129.3 120.0 160.0

56 100.3 90.0 130.0

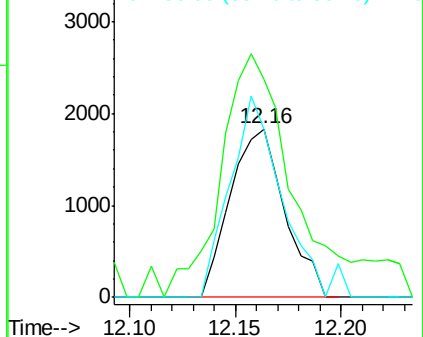
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Abundance Ion 113.00 (112.70 to 113.70): E

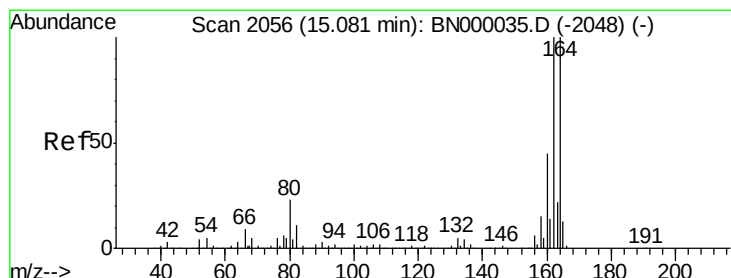
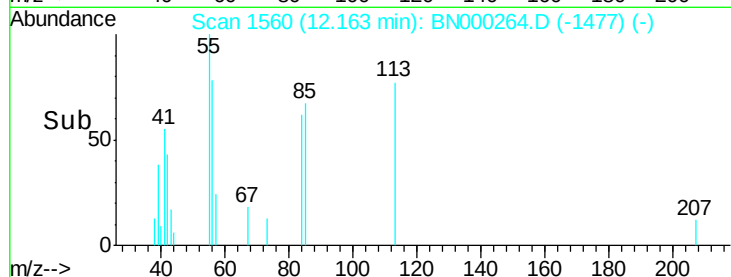
Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



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#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.06 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

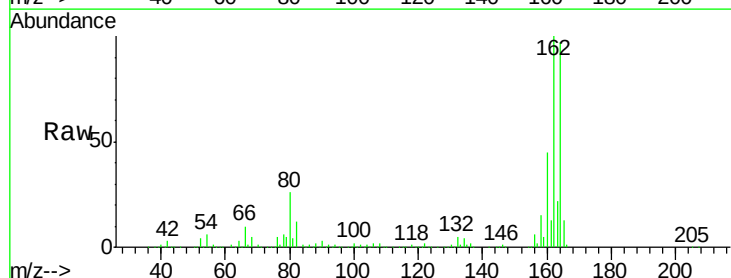
Tgt Ion:164 Resp: 673703

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

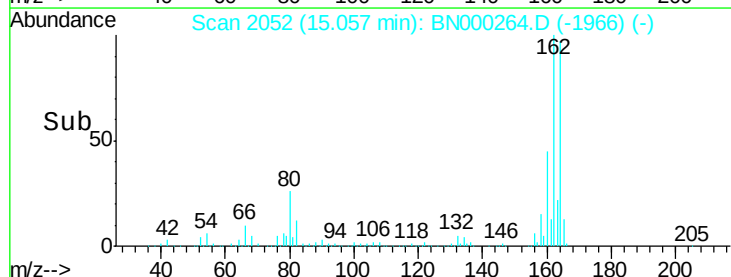
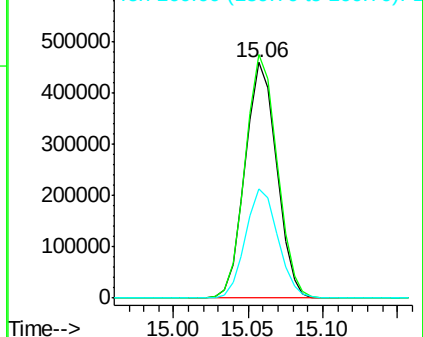
160 46.6 35.4 53.0

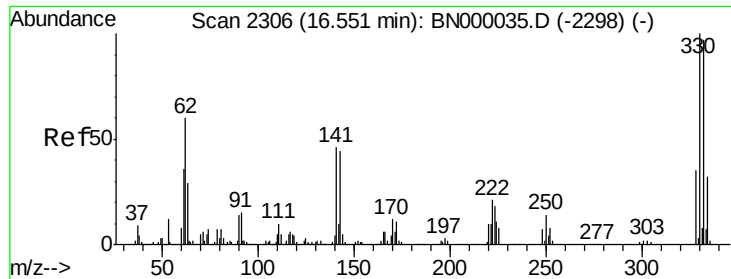


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



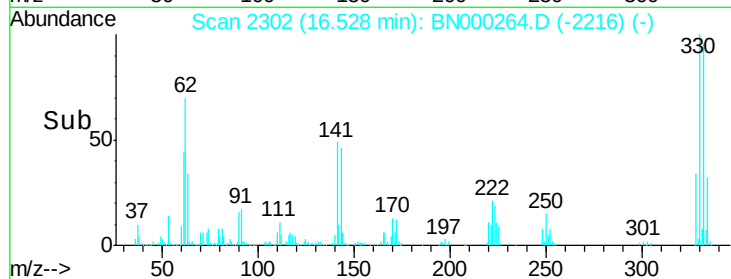
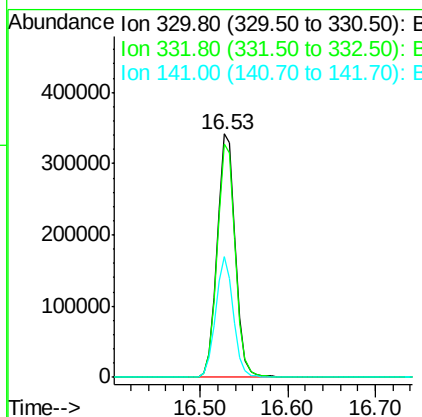
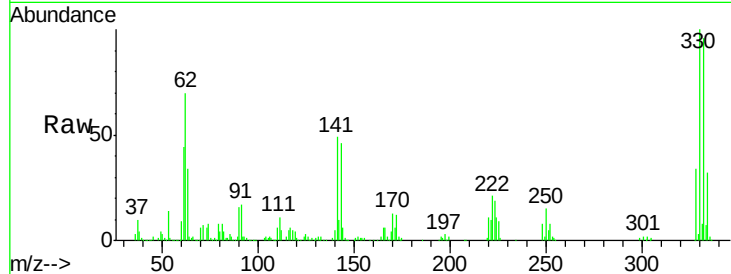


#41
 2,4,6-Tribromophenol
 Concen: 73.856 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BN000264.D
 Acq: 06 Mar 2018 15:24

Instrument :
 BNA_N
 ClientSampled :
 B14

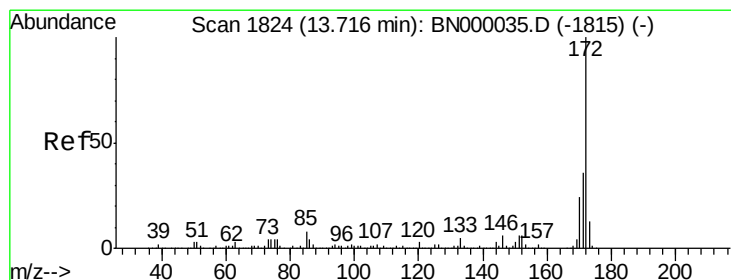
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	48.6	25.2	37.8#

Manual Integrations
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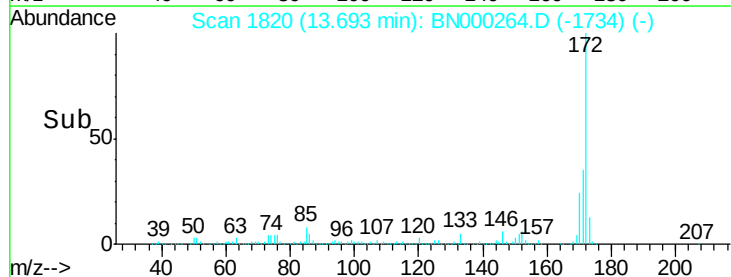
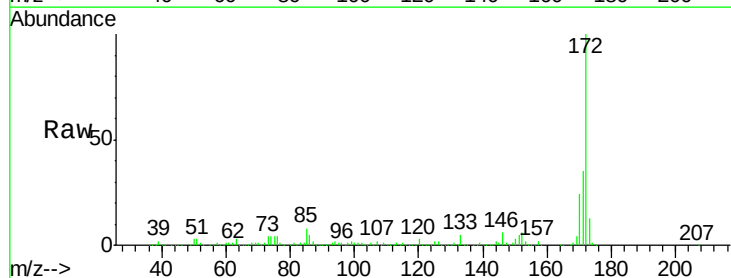
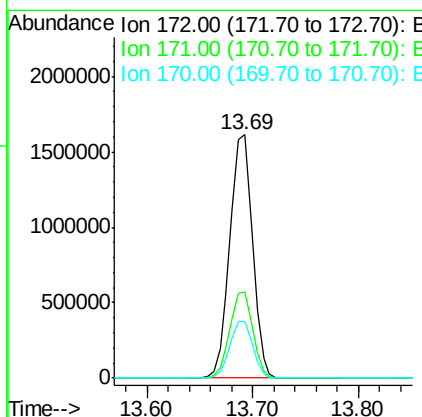
Sohil

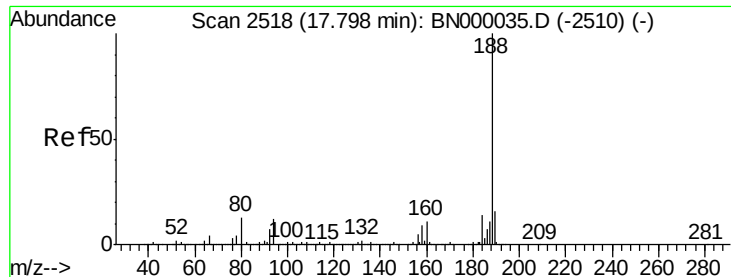
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#44
 2-Fluorobiphenyl
 Concen: 50.042 ng
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BN000264.D
 Acq: 06 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.6	19.5	29.3



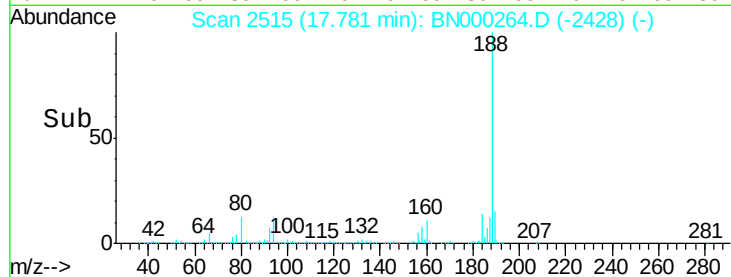
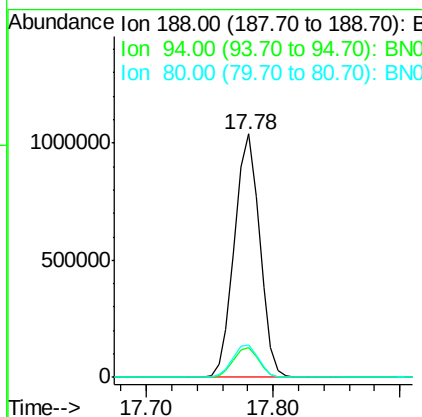
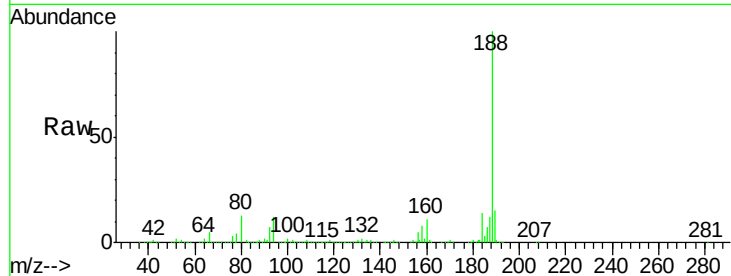


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Instrument :
BNA_N
ClientSampled :
B14

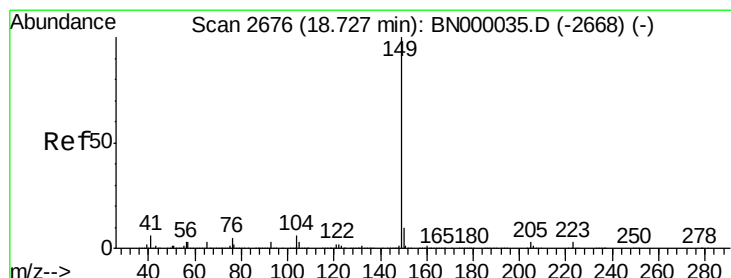
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.2	6.9	10.3#
80	13.2	7.7	11.5#

Manual Integrations
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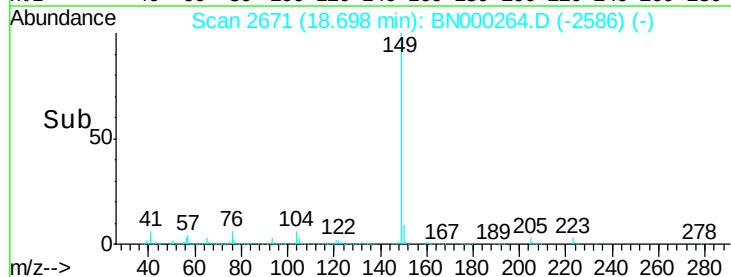
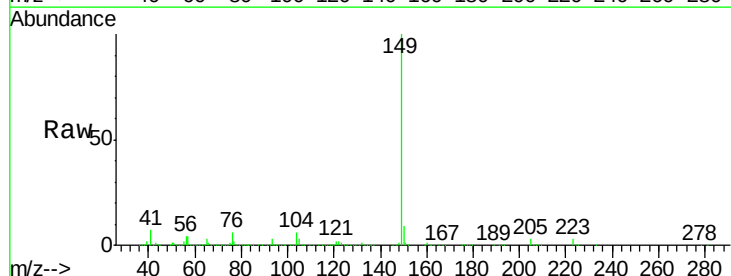
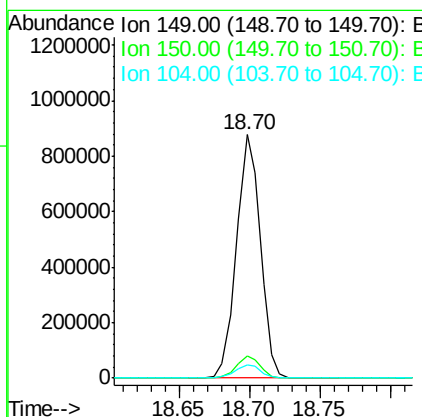
Sohil

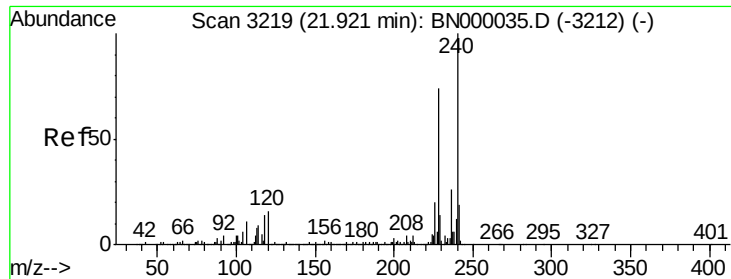
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#73
Di-n-butylphthalate
Concen: 11.323 ng
RT: 18.70 min Scan# 2671
Delta R.T. -0.03 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.5	3.9	5.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.89 min Scan# 3214

Delta R.T. -0.03 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

Instrument :

BNA_N

ClientSampled :

B14

Tot Ion:240 Resp: 1435920

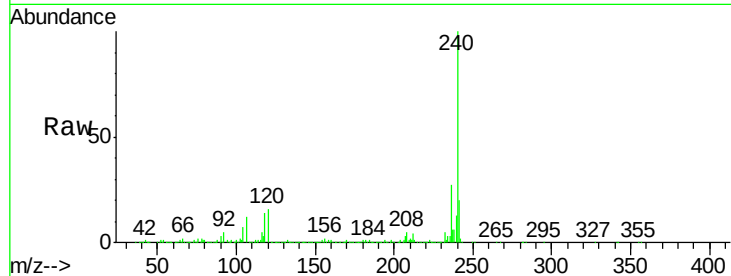
Ion Ratio Lower Upper

240 100

120 16.1 6.8 10.2#

236 26.6 20.9 31.3

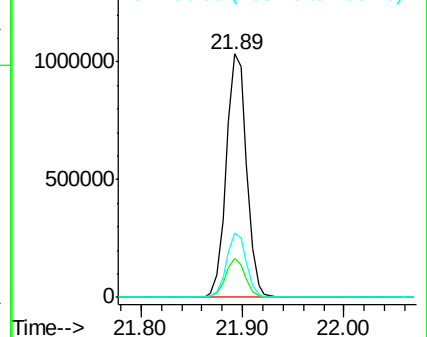
Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E

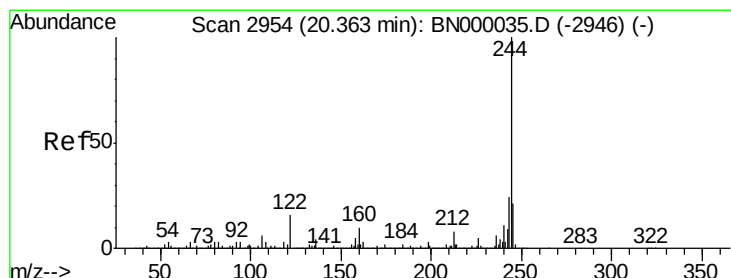
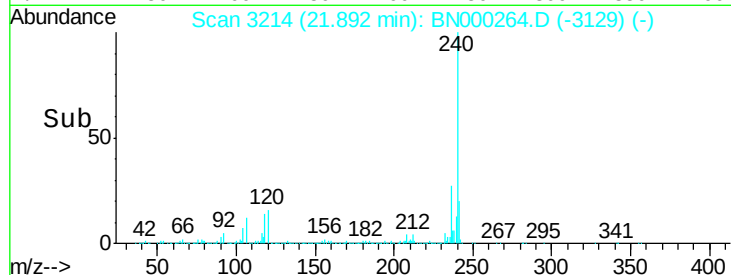
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#78

Terphenyl-d14

Concen: 57.654 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000264.D

Acq: 06 Mar 2018 15:24

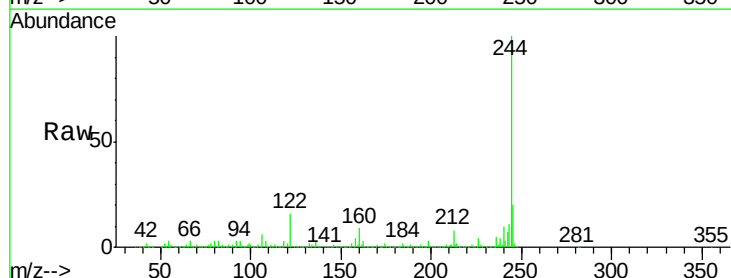
Tgt Ion:244 Resp: 3066026

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

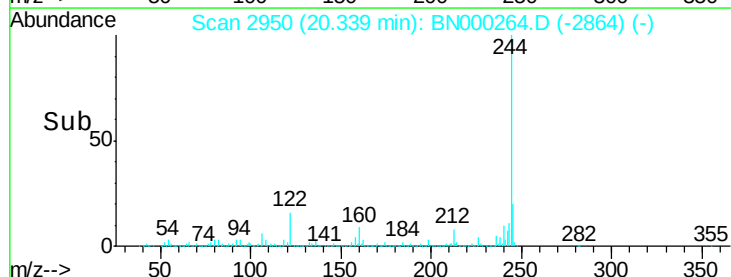
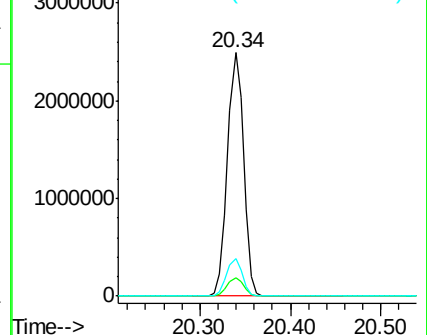
122 15.6 7.0 10.4#

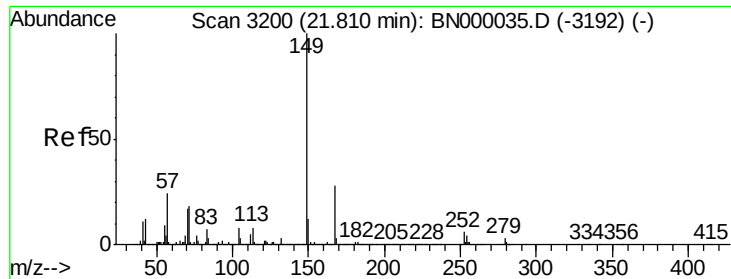


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



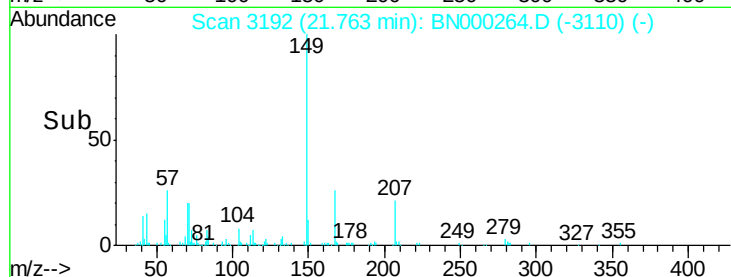
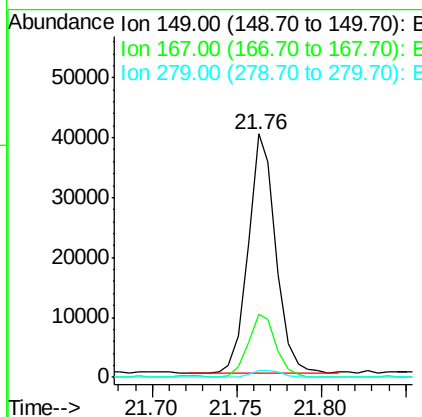
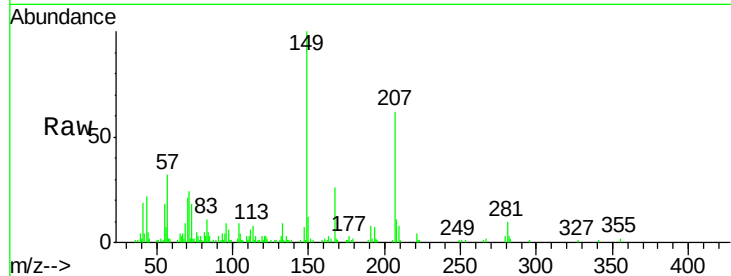


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.565 ng
RT: 21.76 min Scan# 3192
Delta R.T. -0.05 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Instrument :
BNA_N
ClientSampled :
B14

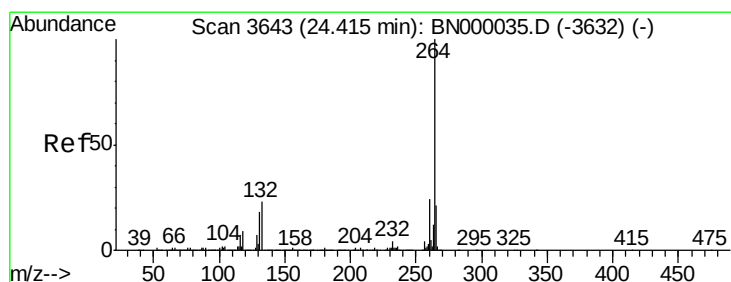
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	24.3	36.5
279	3.0	4.0	6.0

Manual Integrations
APPROVED



Sohil

3/7/2018 12:09:16 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.37 min Scan# 3635
Delta R.T. -0.05 min
Lab File: BN000264.D
Acq: 06 Mar 2018 15:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.1	17.7	26.5

