

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000266.D
 Acq On : 06 Mar 2018 16:33
 Operator : JU/SJ
 Sample : J1699-37
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B11

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:09:17 PM

Quant Time: Mar 07 06:20:27 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	300114	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1449605	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	820895	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1719383	20.00	ng	-0.02
75) Chrysene-d12	21.90	240	1699322	20.00	ng	-0.02
86) Perylene-d12	24.38	264	1706650	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1817540	98.70	ng	-0.02
7) Phenol-d6	7.58	99	2585071	92.68	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1483078	60.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	659997	81.22	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	3033982	52.09	ng	-0.02
78) Terphenyl-d14	20.34	244	3725960	59.20	ng	-0.02
Target Compounds						
32) Benzoic acid	10.46	122	3153m	10.694	ng	Qvalue
35) Caprolactam	12.16	113	2044	4.230	ng	95
73) Di-n-butylphthalate	18.70	149	1723817	15.762	ng	98
83) Bis(2-ethylhexyl)phthalate	21.77	149	54440	3.576	ng	# 93

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

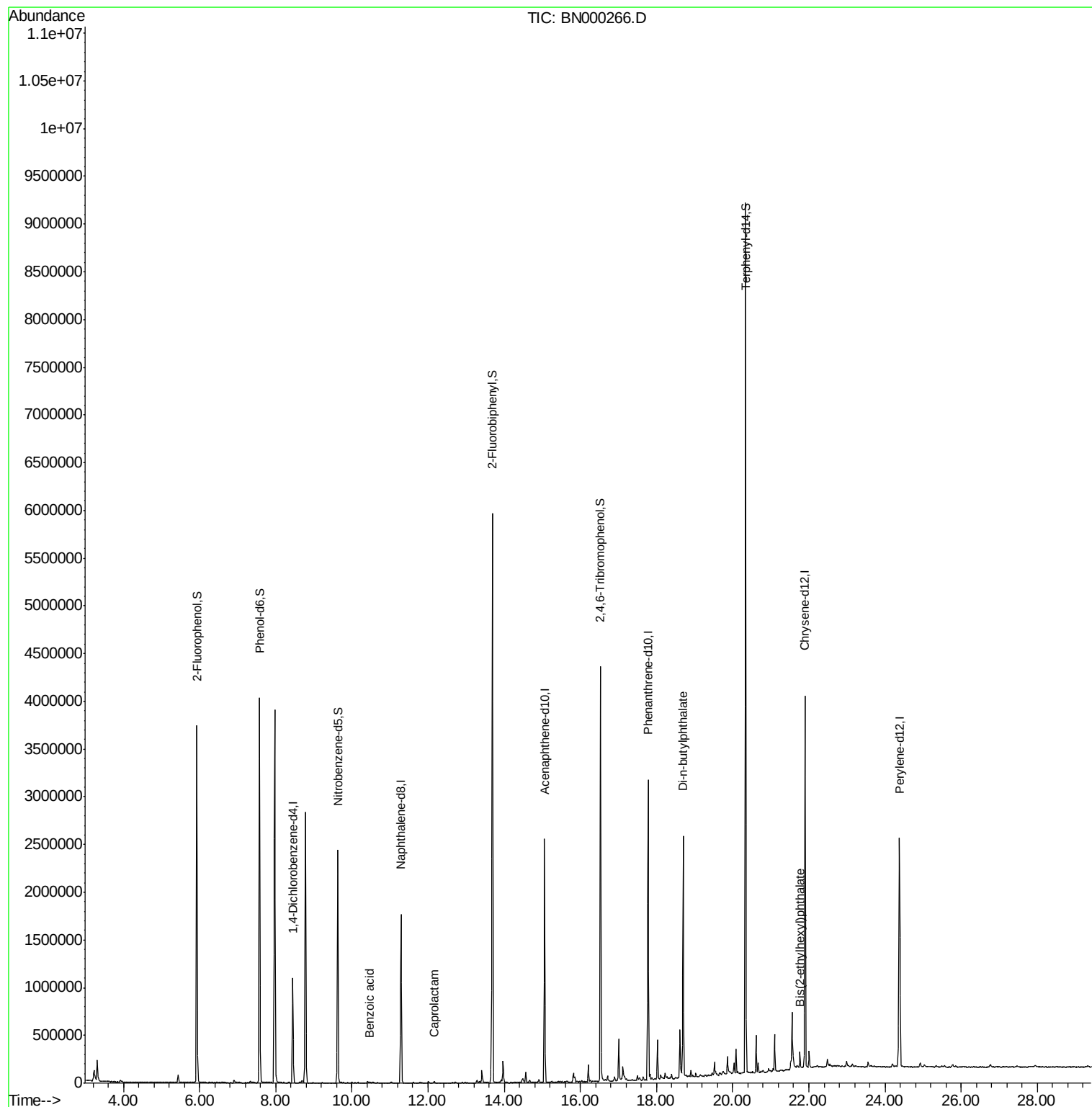
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\
Data File : BN000266.D
Acq On : 06 Mar 2018 16:33
Operator : JU/SJ
Sample : J1699-37
Misc :
ALS Vial : 13 Sample Multiplier: 1

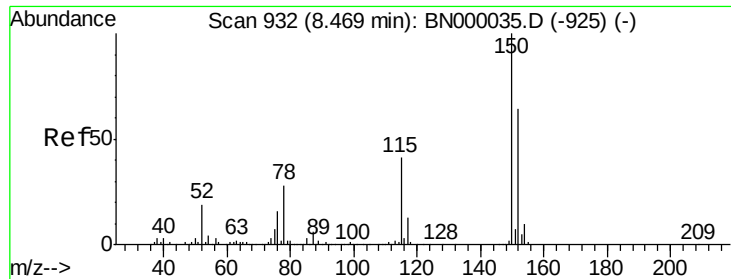
Instrument :
BNA_N
ClientSampleId :
B11

Manual Integrations
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3/7/2018 12:09:17 PM

Quant Time: Mar 07 06:20:27 2018
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#1

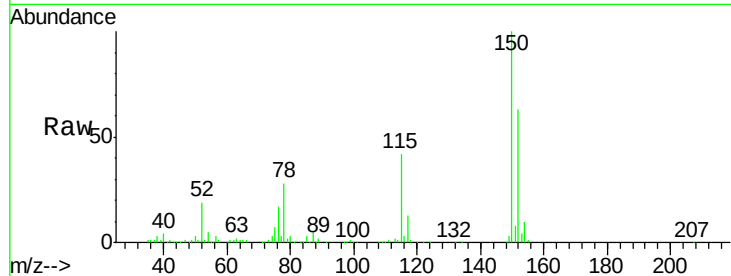
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.02 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

Instrument :
BNA_N
ClientSampled :
B11

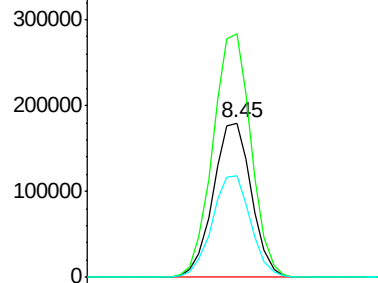
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	65.7	53.0	79.4

Manual Integrations
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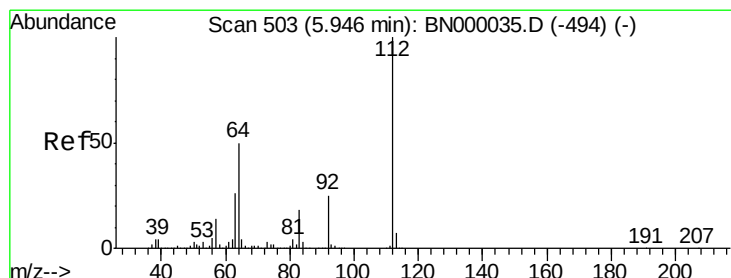
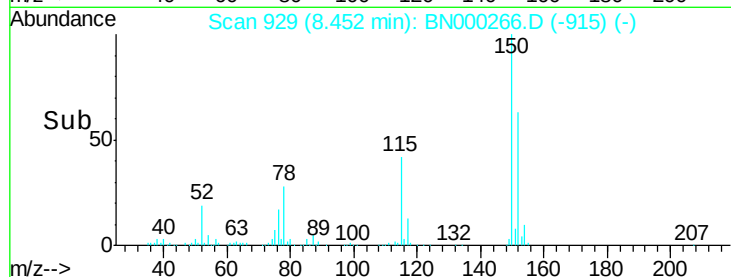
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



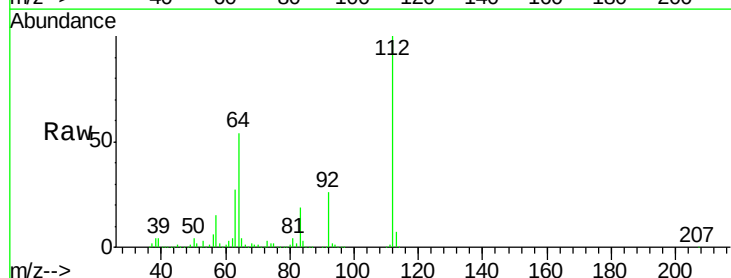
Time-->



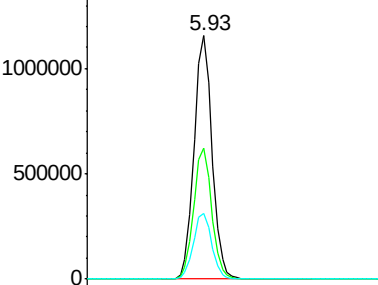
#5

2-Fluorophenol
Concen: 98.701 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000266.D
Acq: 06 Mar 2018 16:33

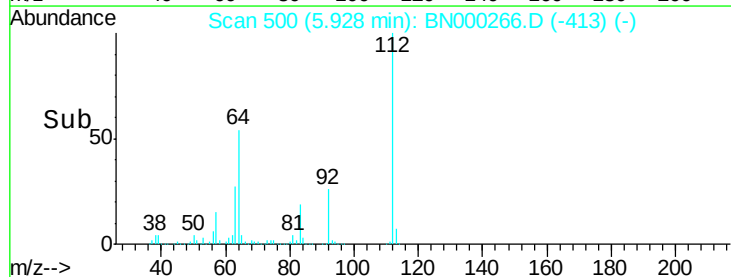
Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	56.3	84.5#
63	26.8	30.1	45.1#

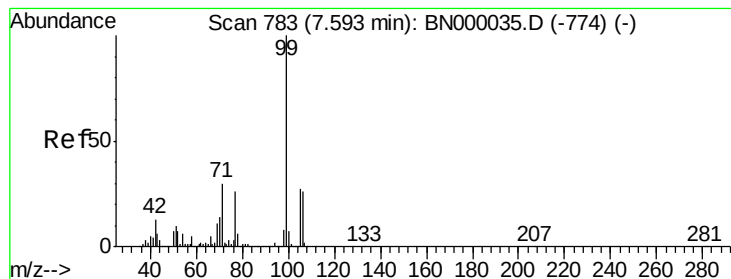


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



Time-->





#7

Phenol-d6

Concen: 92.676 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

Instrument :

BNA_N

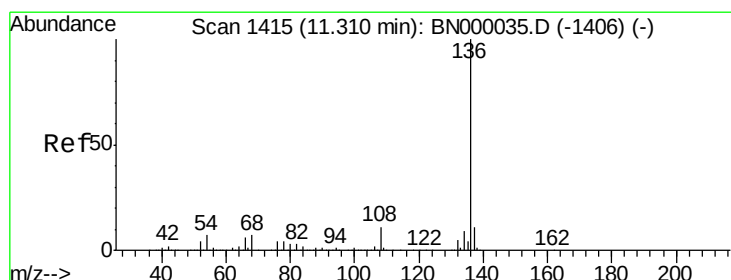
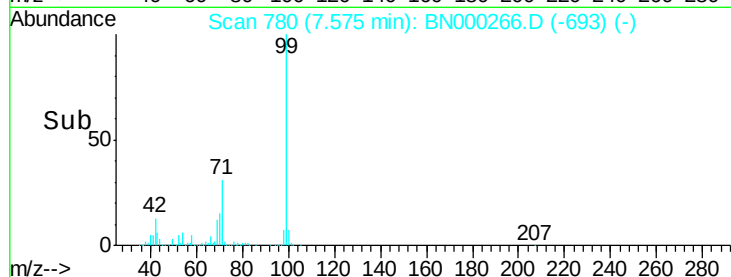
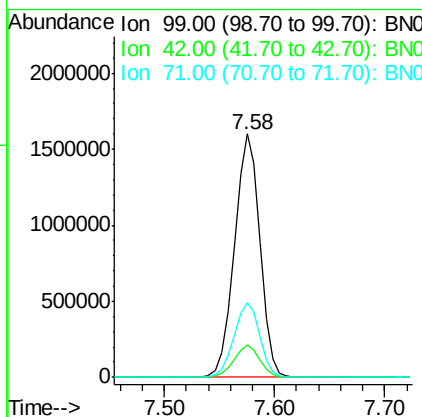
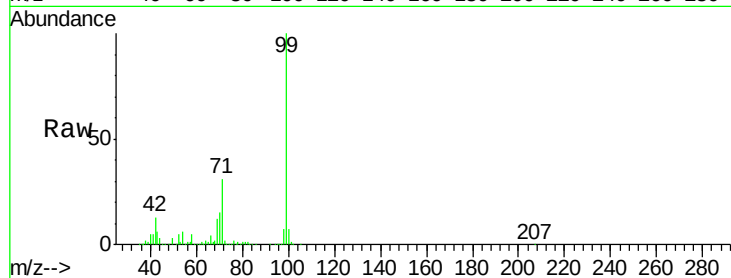
ClientSampleId :

B11

Tot Ion:	99	Resp:	2585071
Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.1	21.1#
71	30.8	26.1	39.1

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

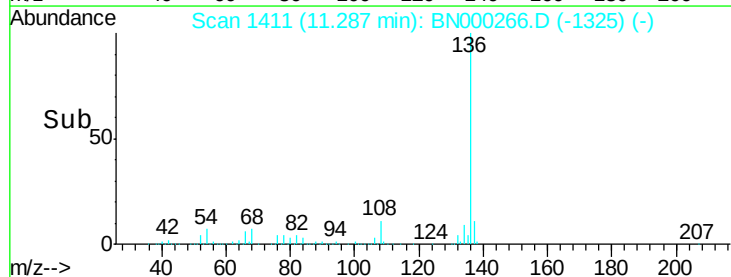
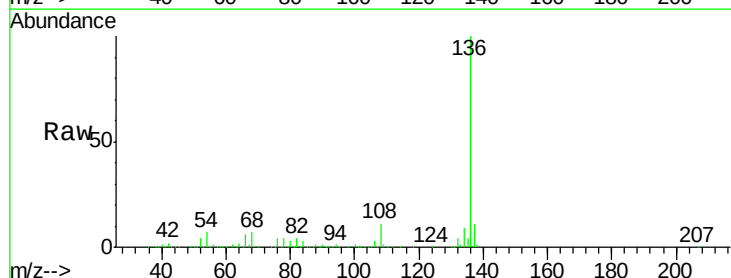
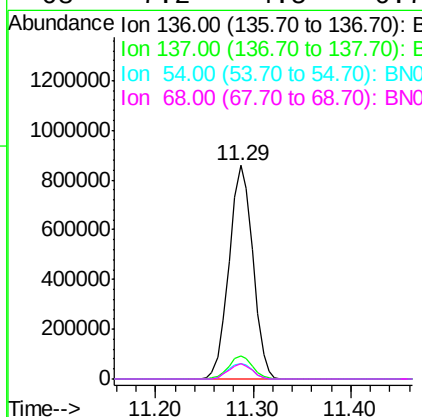
RT: 11.29 min Scan# 1411

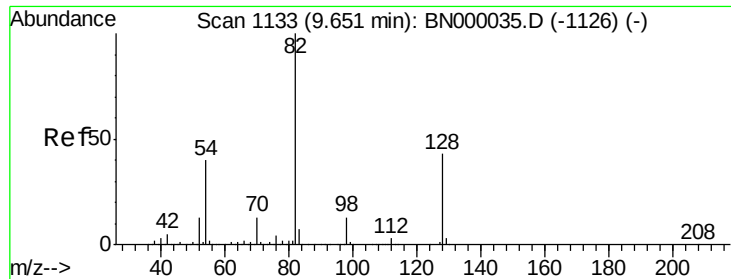
Delta R.T. -0.02 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

Tgt Ion:	136	Resp:	1449605
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.5	10.3	15.5#
68	7.2	4.5	6.7#





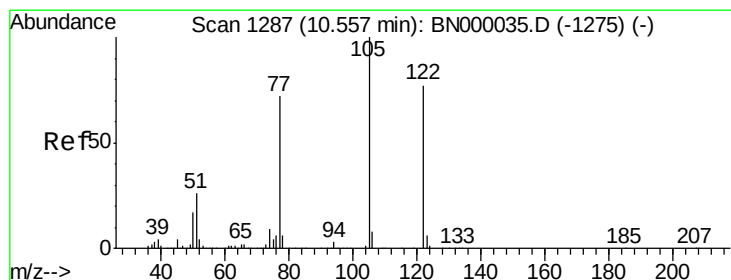
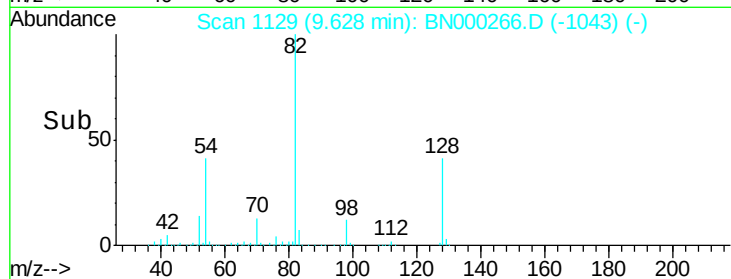
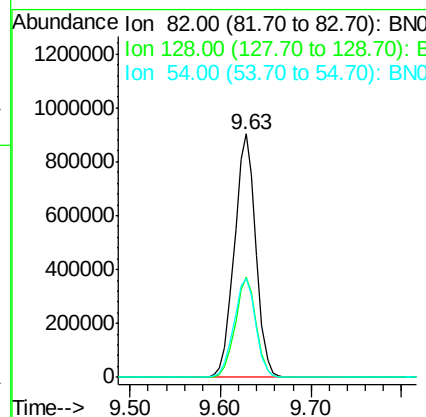
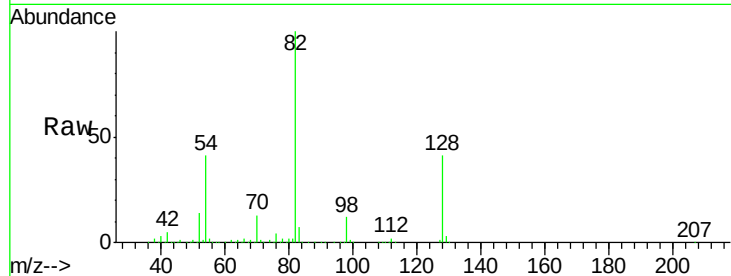
#23
 Nitrobenzene-d5
 Concen: 60.829 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BN000266.D
 Acq: 06 Mar 2018 16:33

Instrument :
 BNA_N
 ClientSampled :
 B11

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	29.7	44.5
54	40.6	43.1	64.7#

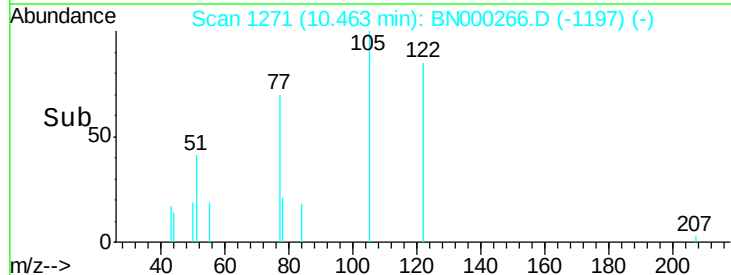
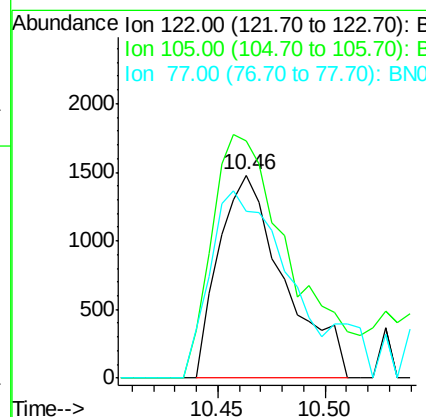
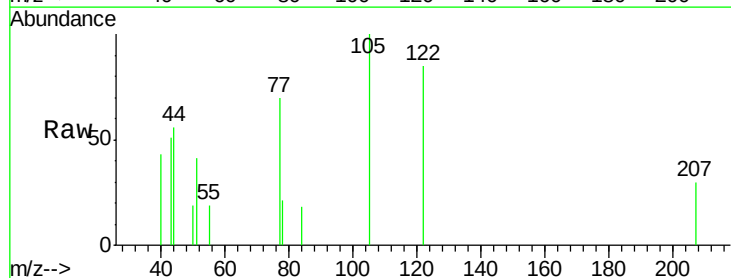
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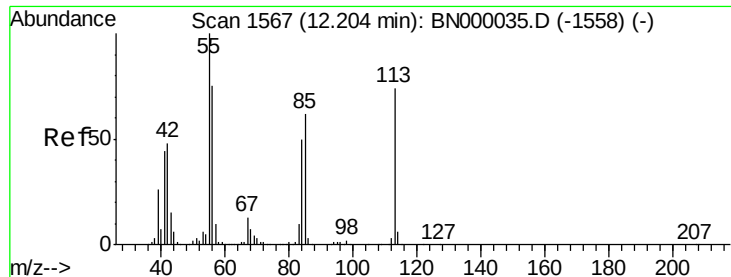
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#32
 Benzoic acid
 Concen: 10.694 ng m
 RT: 10.46 min Scan# 1271
 Delta R.T. -0.09 min
 Lab File: BN000266.D
 Acq: 06 Mar 2018 16:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.0	123.5	163.5#
77	82.0	85.7	125.7#





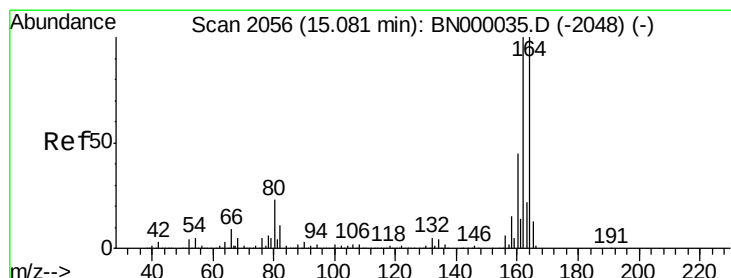
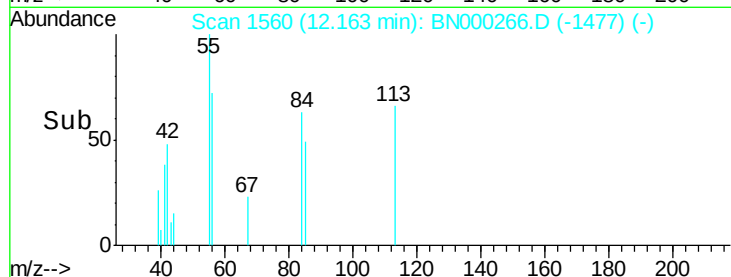
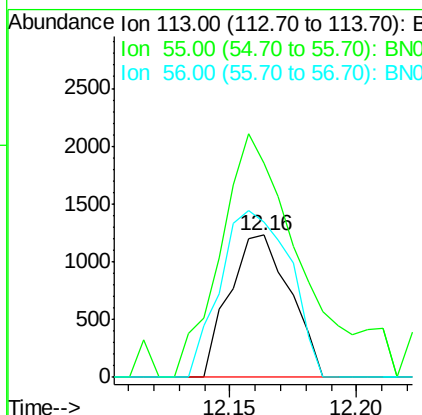
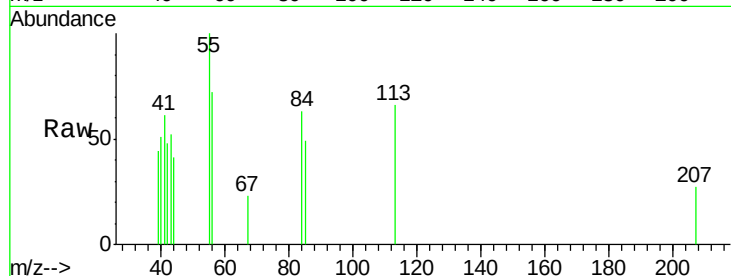
#35
 Caprolactam
 Concen: 4.230 ng
 RT: 12.16 min Scan# 1560
 Delta R.T. -0.04 min
 Lab File: BN000266.D
 Acq: 06 Mar 2018 16:33

Instrument :
 BNA_N
 ClientSampled :
 B11

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.9	120.0	160.0
56	109.0	90.0	130.0

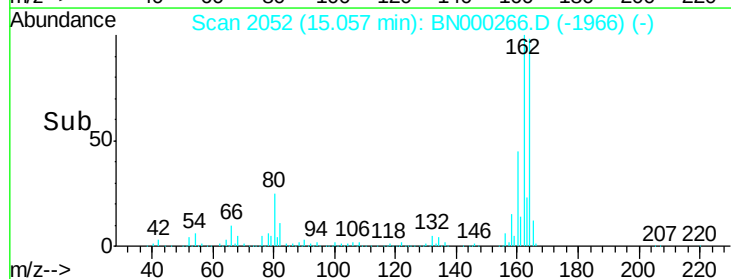
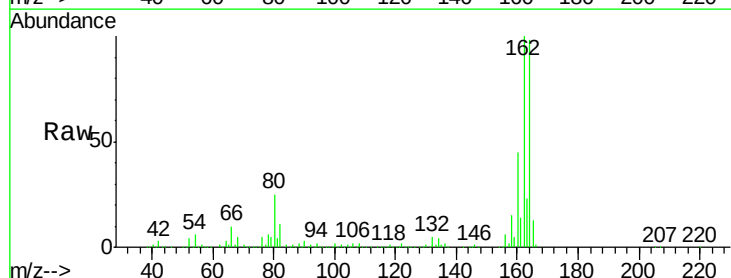
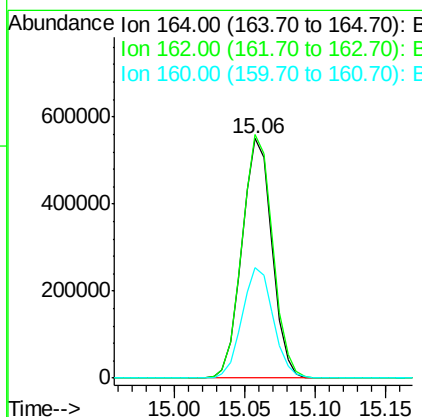
Manual Integrations
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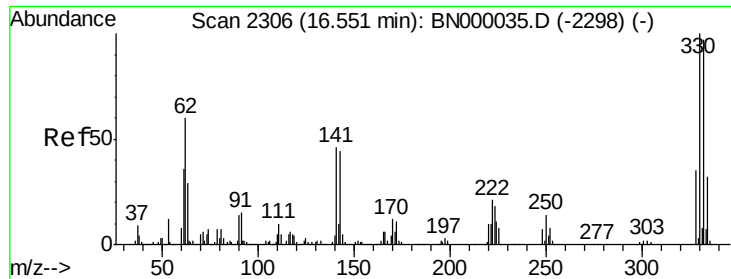
Sohil
 3/7/2018 12:09:17 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BN000266.D
 Acq: 06 Mar 2018 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	46.3	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 81.224 ng

RT: 16.53 min Scan# 2302

Delta R.T. -0.02 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

Instrument :

BNA_N

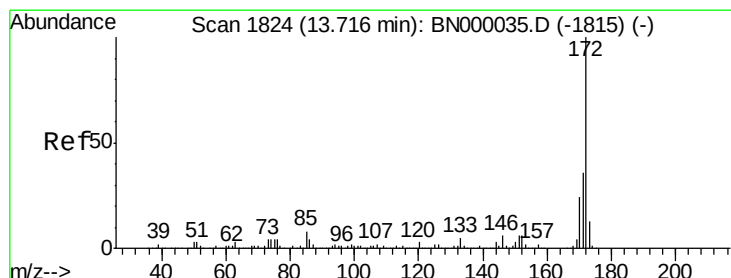
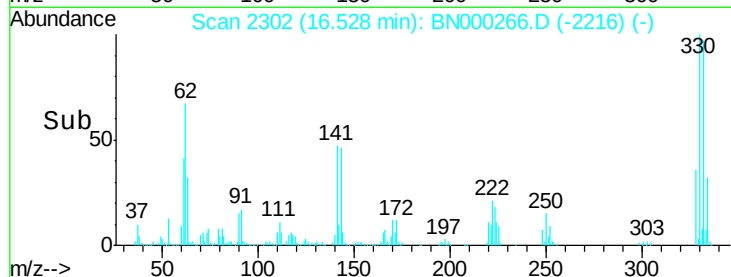
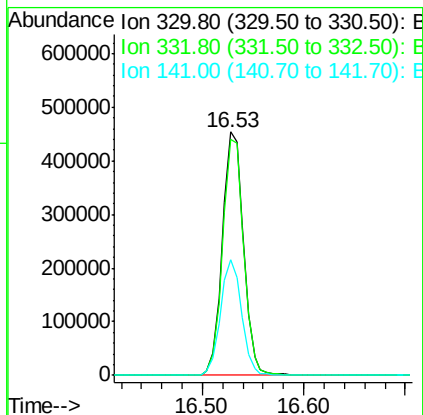
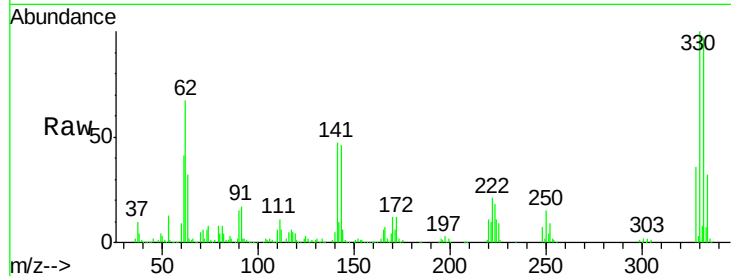
ClientSampled :

B11

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	47.4	25.2	37.8

Manual Integrations
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#44

2-Fluorobiphenyl

Concen: 52.091 ng

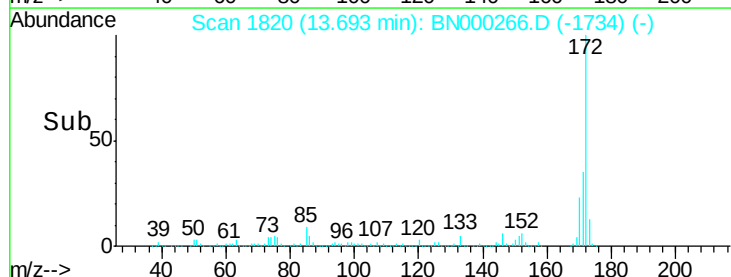
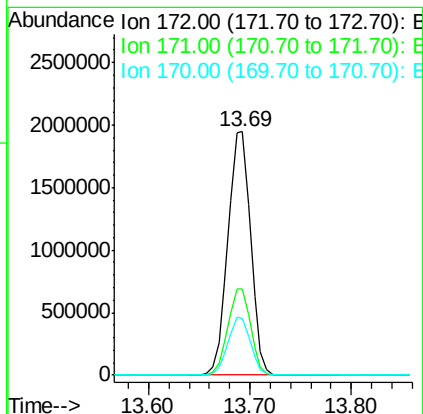
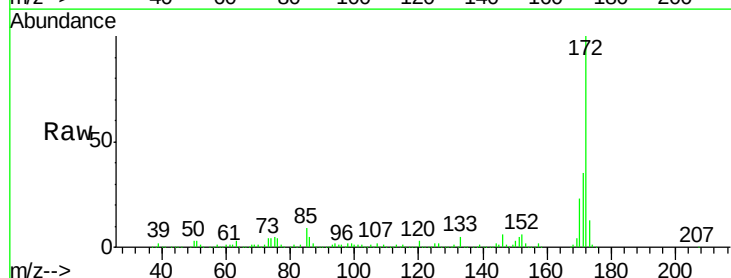
RT: 13.69 min Scan# 1820

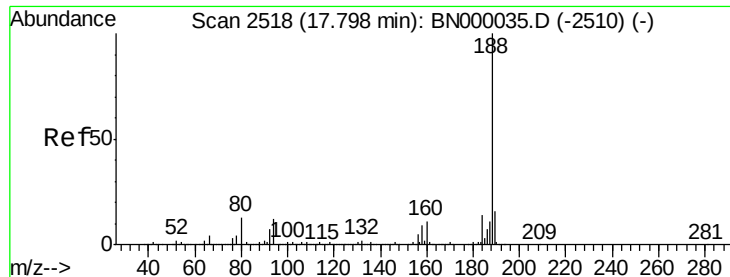
Delta R.T. -0.02 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.4	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: BN000266.D

Acq: 06 Mar 2018 16:33

Instrument :

BNA_N

ClientSampleId :

B11

Tot Ion:188 Resp: 1719383

Ion Ratio Lower Upper

188 100

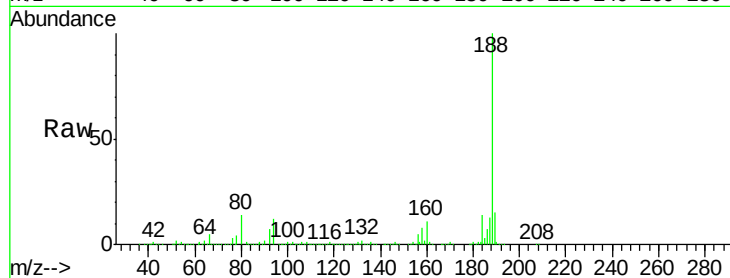
94 12.2 6.9 10.3#

80 13.6 7.7 11.5#

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

1500000

1000000

500000

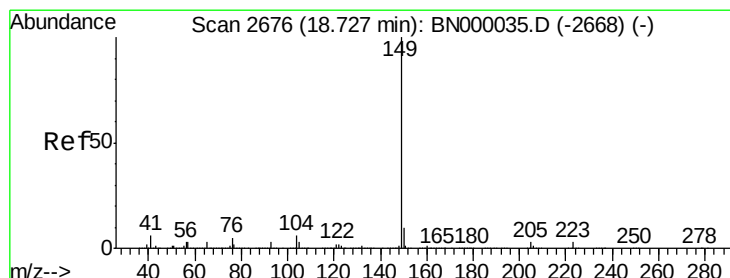
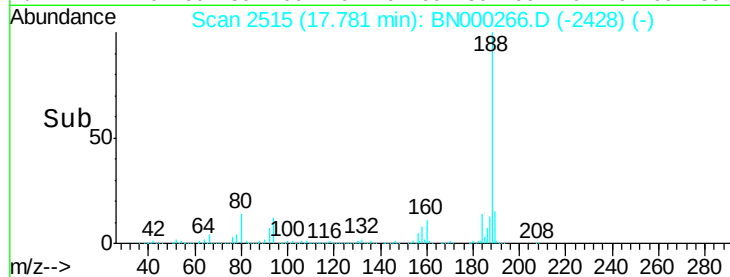
0

17.78

17.70

17.80

Time-->



#73

Di-n-butylphthalate

Concen: 15.762 ng

RT: 18.70 min Scan# 2671

Delta R.T. -0.03 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

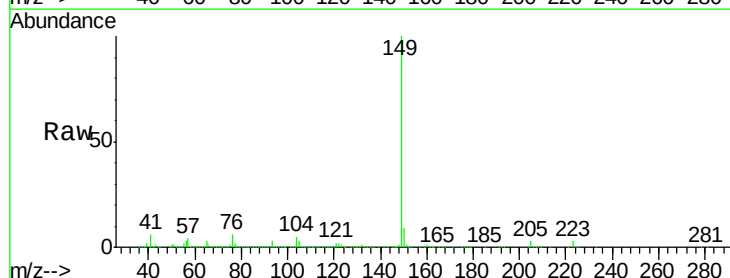
Tgt Ion:149 Resp: 1723817

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

104 5.4 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

2000000

1500000

1000000

500000

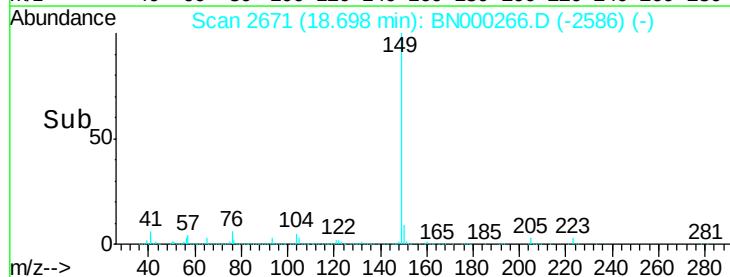
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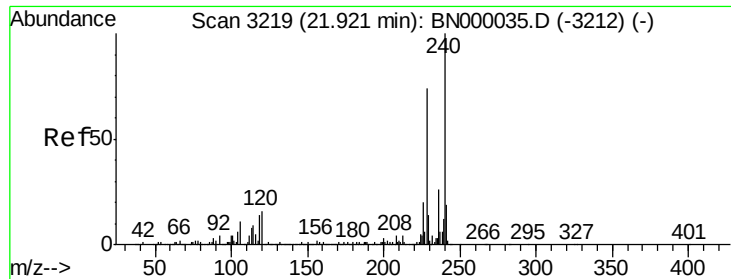
18.70

18.60

18.80

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.90 min Scan# 3215

Delta R.T. -0.02 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

Instrument :

BNA_N

ClientSampled :

B11

Tot Ion:240 Resp: 1699322

Ion Ratio Lower Upper

240 100

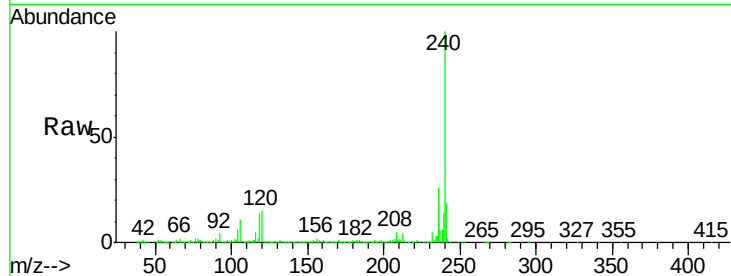
120 15.4 6.8 10.2#

236 25.8 20.9 31.3

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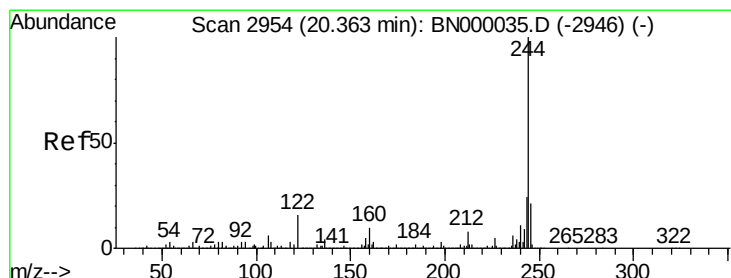
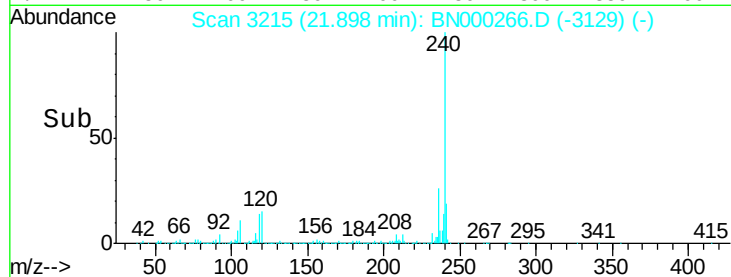
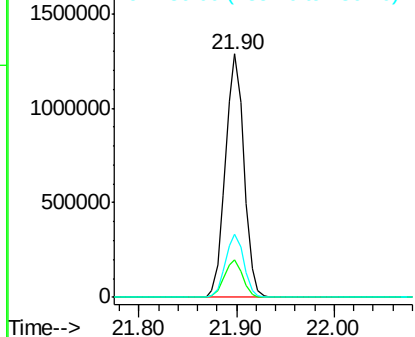
3/7/2018 12:09:17 PM



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



#78

Terphenyl-d14

Concen: 59.204 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BN000266.D

Acq: 06 Mar 2018 16:33

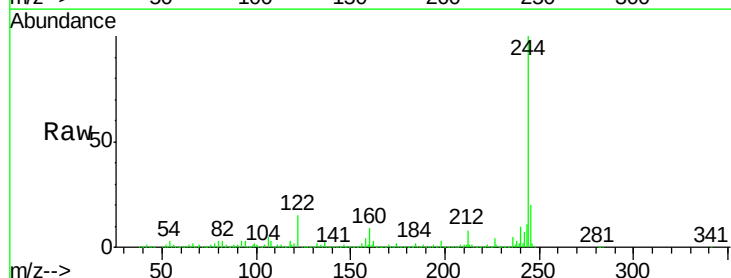
Tgt Ion:244 Resp: 3725960

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

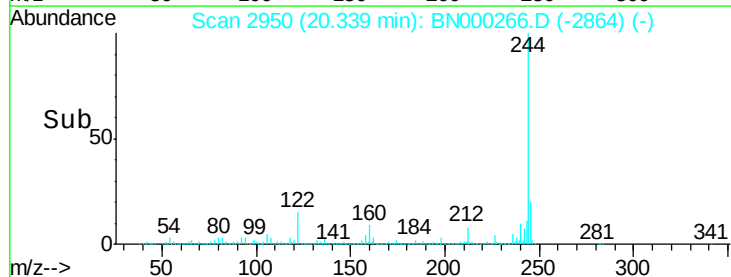
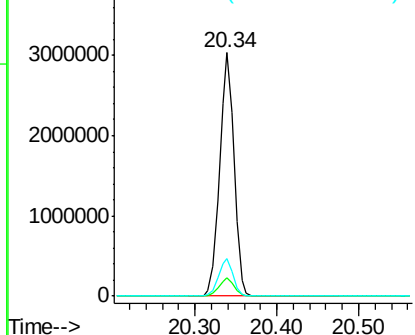
122 15.4 7.0 10.4#

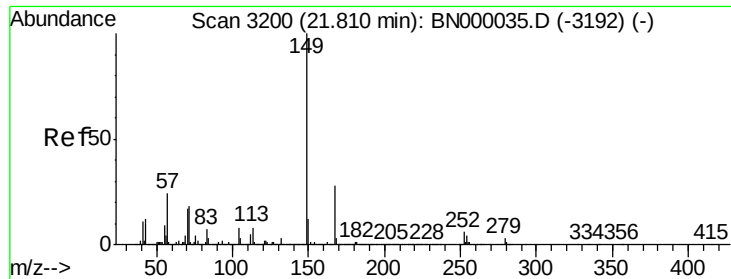


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





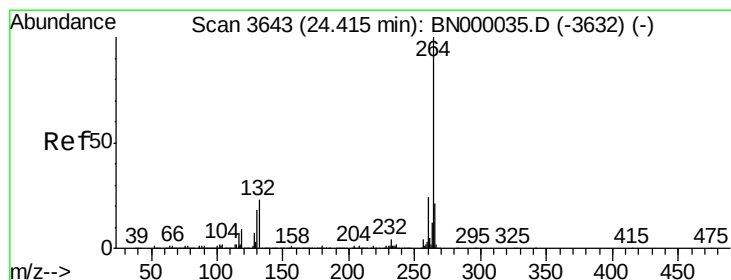
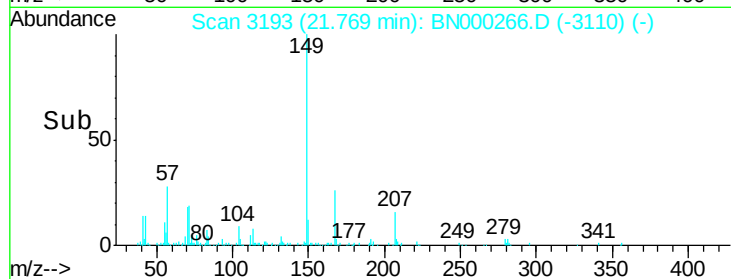
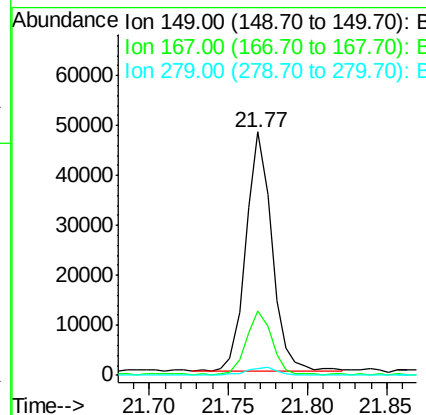
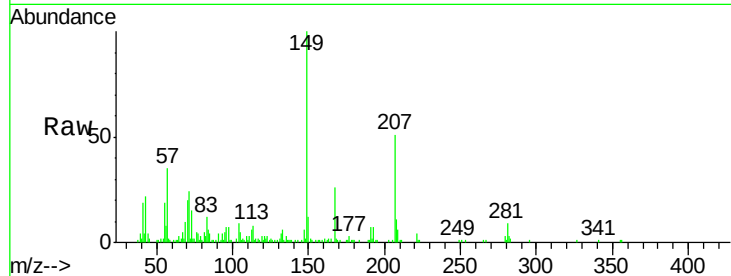
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.576 ng
 RT: 21.77 min Scan# 3193
 Delta R.T. -0.04 min
 Lab File: BN000266.D
 Acq: 06 Mar 2018 16:33

Instrument :
 BNA_N
 ClientSampled :
 B11

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	24.3	36.5
279	3.1	4.0	6.0

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:09:17 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.38 min Scan# 3637
 Delta R.T. -0.04 min
 Lab File: BN000266.D
 Acq: 06 Mar 2018 16:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.1	17.7	26.5

