

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\
 Data File : BN000268.D
 Acq On : 06 Mar 2018 17:42
 Operator : JU/SJ
 Sample : J1699-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B8

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:09:19 PM

Quant Time: Mar 07 06:28:58 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	244221	20.00	ng	-0.02
21) Naphthalene-d8	11.29	136	1187755	20.00	ng	-0.02
38) Acenaphthene-d10	15.06	164	703820	20.00	ng	-0.02
63) Phenanthrene-d10	17.78	188	1447109	20.00	ng	-0.02
75) Chrysene-d12	21.89	240	1550052	20.00	ng	-0.03
86) Perylene-d12	24.37	264	1669968	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	1590482	106.14	ng	-0.02
7) Phenol-d6	7.58	99	2330447	102.67	ng	-0.02
23) Nitrobenzene-d5	9.63	82	1361219	68.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	667540	95.82	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	3015787	60.39	ng	-0.03
78) Terphenyl-d14	20.34	244	3916046	68.22	ng	-0.02
Target Compounds						
32) Benzoic acid	10.46	122	7325m	10.973	ng	Qvalue
35) Caprolactam	12.16	113	4794	4.625	ng	87
73) Di-n-butylphthalate	18.70	149	1465870	15.925	ng	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	64170	3.773	ng	96

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

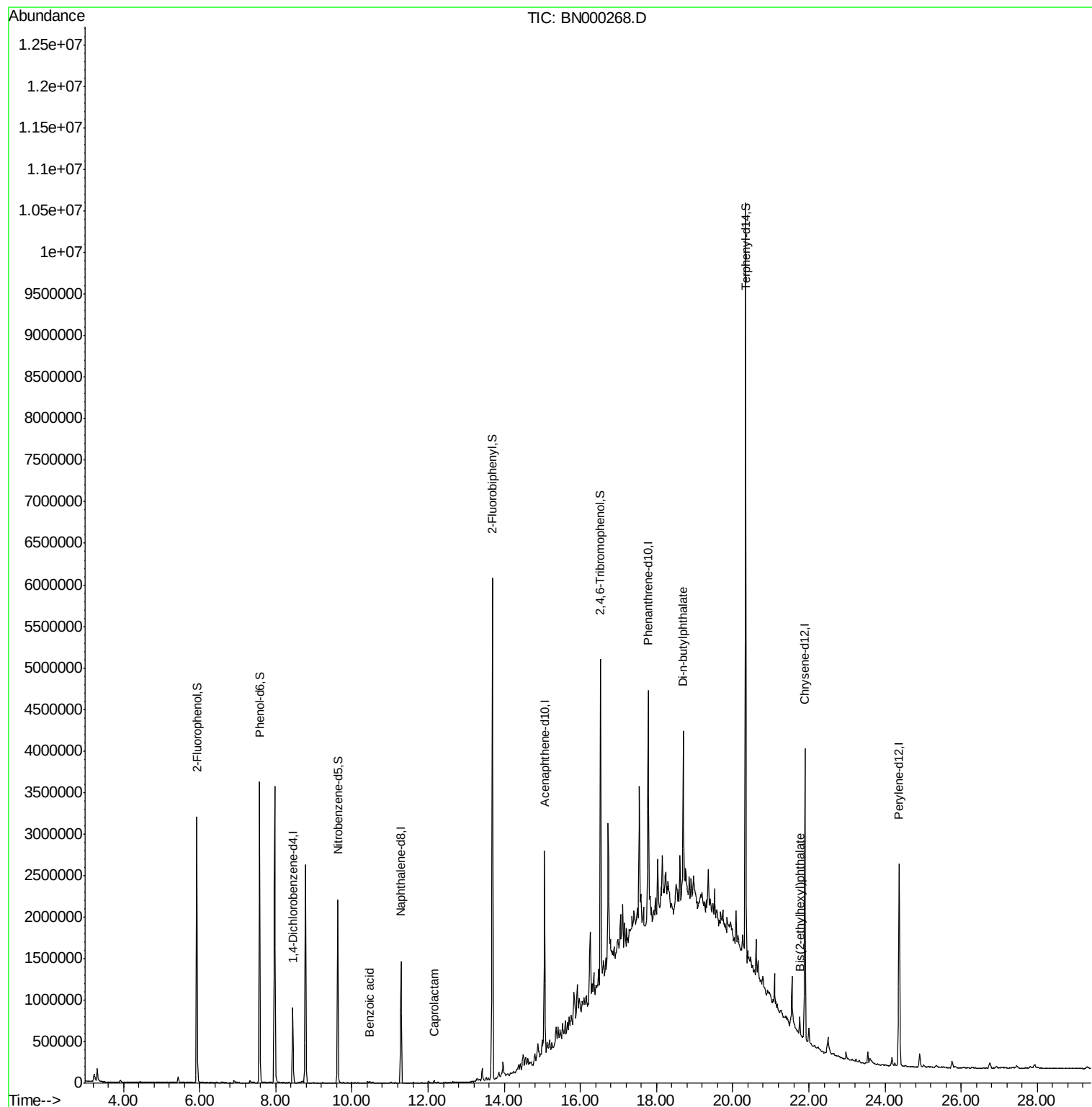
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Data File : BN000268.D
Acq On : 06 Mar 2018 17:42
Operator : JU/SJ
Sample : J1699-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

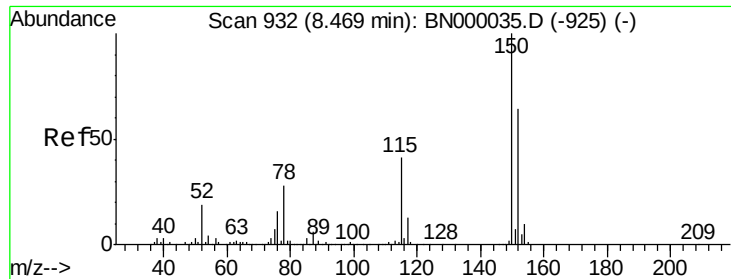
Instrument :
BNA_N
ClientSampleId :
B8

Manual Integrations
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Sohil
3/7/2018 12:09:19 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration





#1

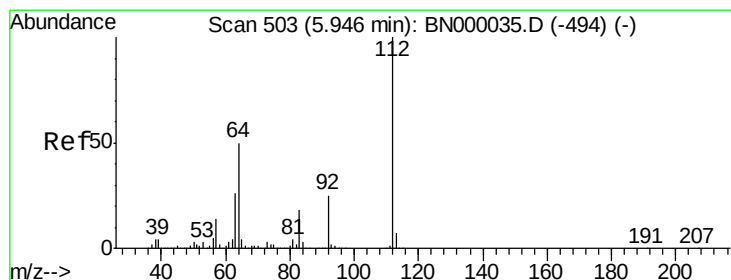
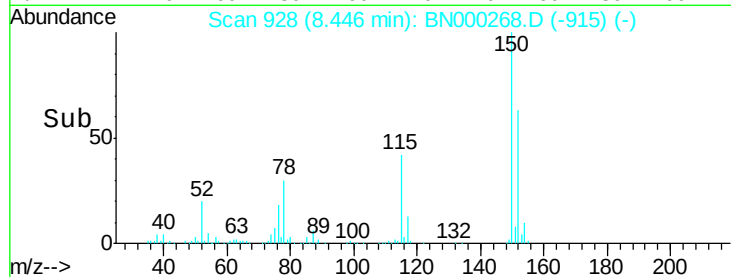
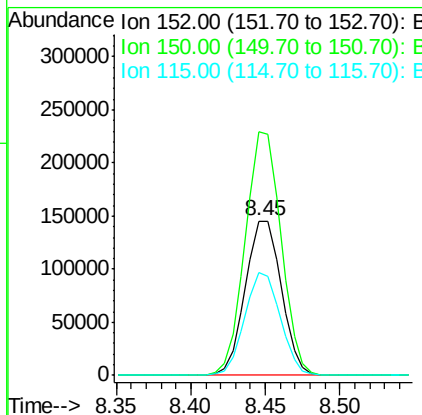
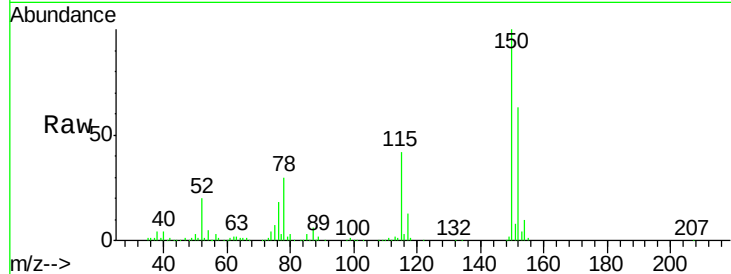
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Instrument :
BNA_N
ClientSampled :
B8

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	189.8
115	66.5	53.0	79.4

Manual Integrations
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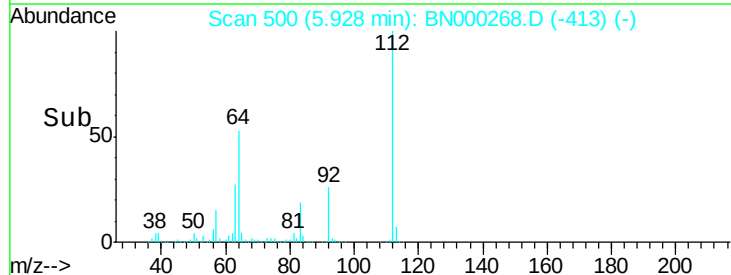
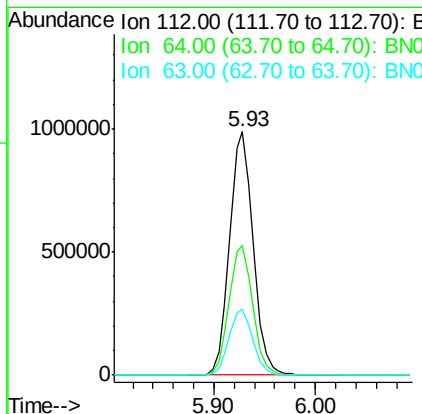
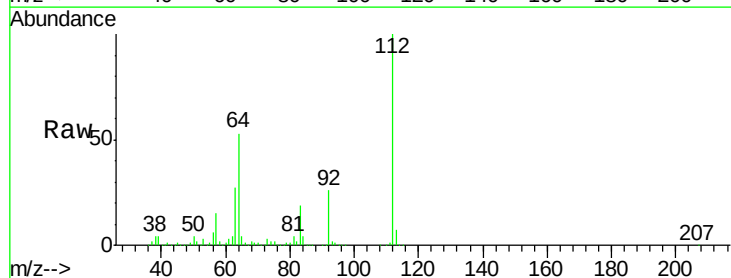
Sohil
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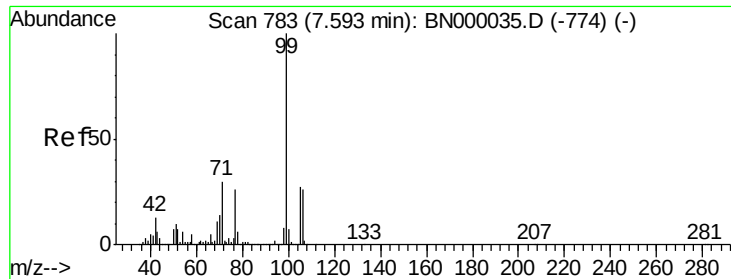


#5

2-Fluorophenol
Concen: 106.138 ng
RT: 5.93 min Scan# 500
Delta R.T. -0.02 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	56.3	84.5#
63	26.8	30.1	45.1#





#7

Phenol-d6

Concen: 102.669 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000268.D

Acq: 06 Mar 2018 17:42

Instrument :

BNA_N

ClientSampled :

B8

Tot Ion: 99 Resp: 2330447

Ion Ratio Lower Upper

99 100

42 13.1 14.1 21.1#

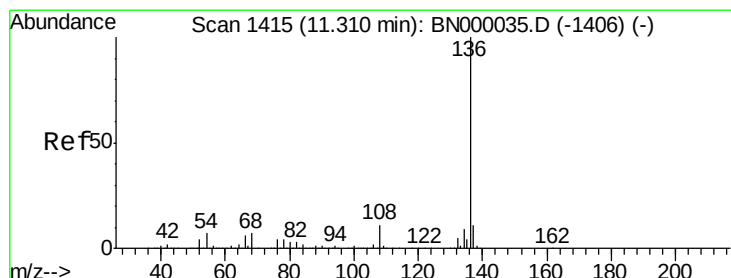
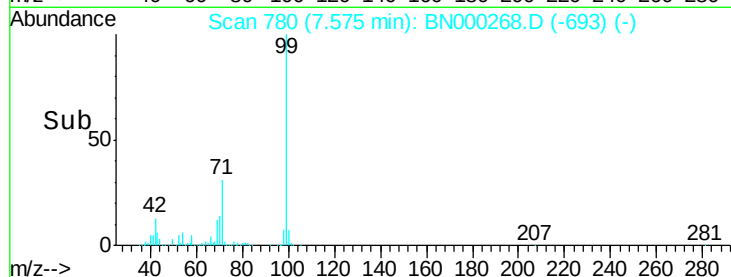
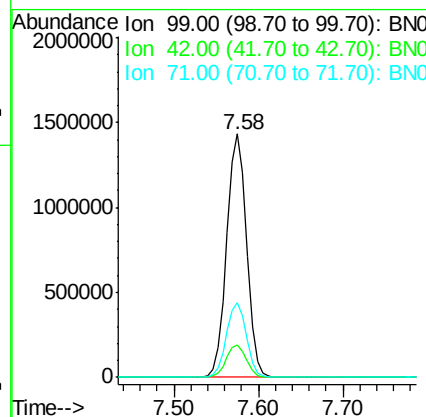
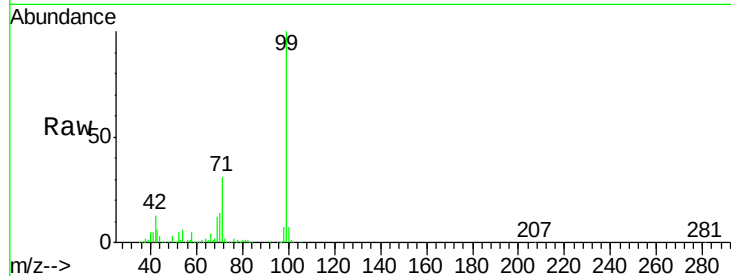
71 30.8 26.1 39.1

Manual Integrations

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Sohil

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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: BN000268.D

Acq: 06 Mar 2018 17:42

Tgt Ion: 136 Resp: 1187755

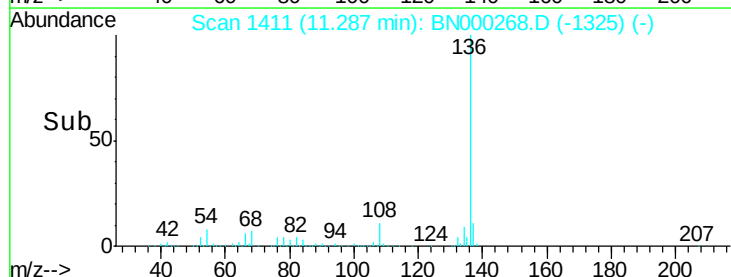
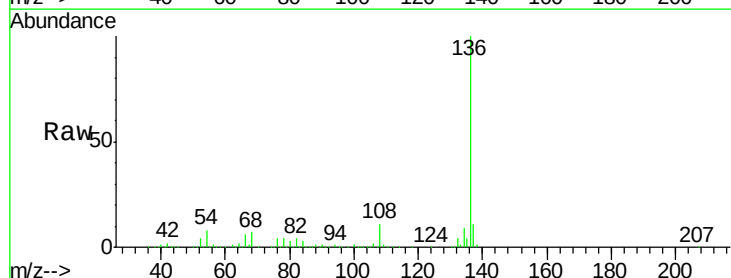
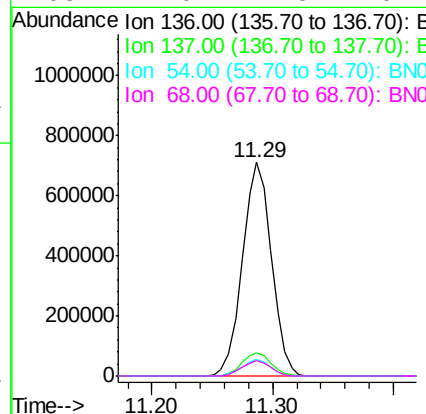
Ion Ratio Lower Upper

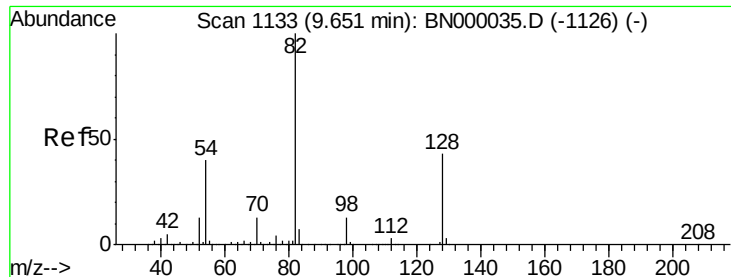
136 100

137 10.9 9.2 13.8

54 7.5 10.3 15.5#

68 7.0 4.5 6.7#





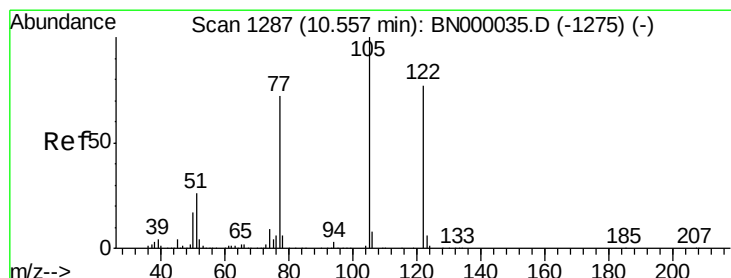
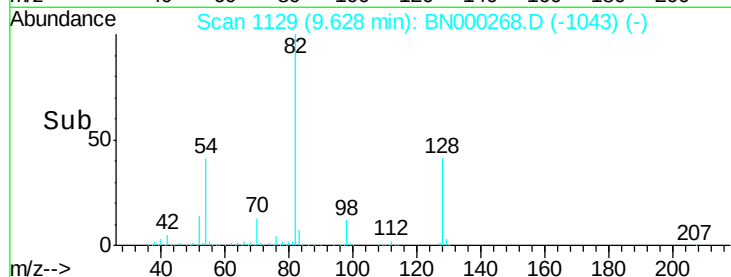
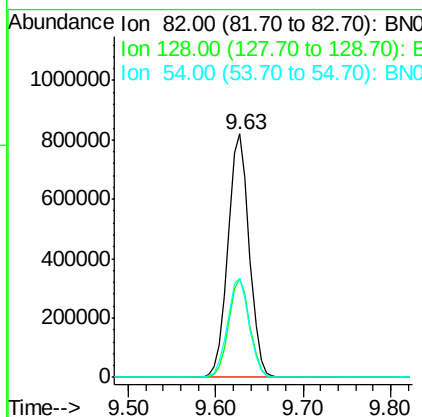
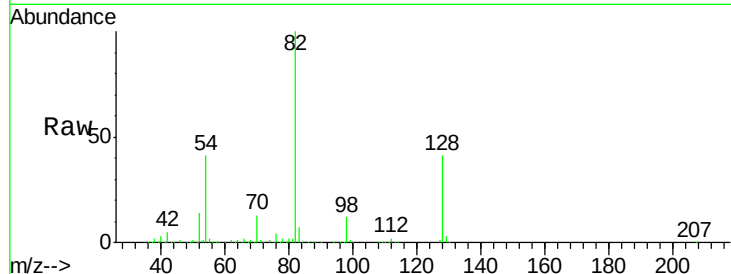
#23
Nitrobenzene-d5
Concen: 68.139 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Instrument :
BNA_N
ClientSampled :
B8

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	29.7	44.5
54	40.6	43.1	64.7

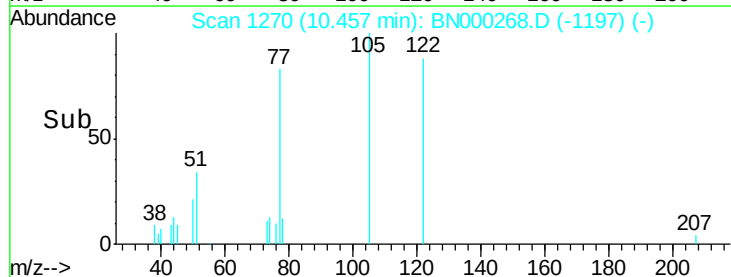
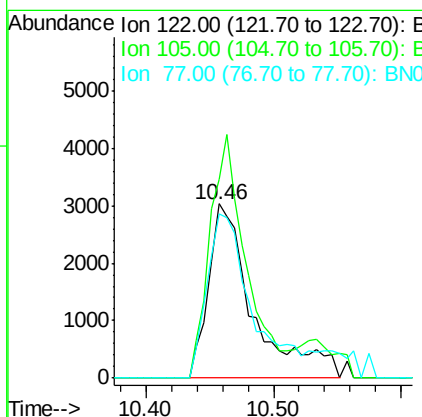
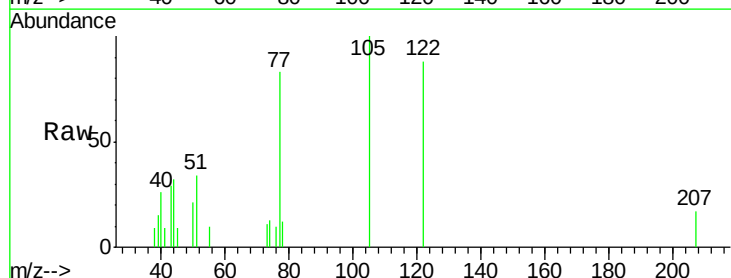
Manual Integrations
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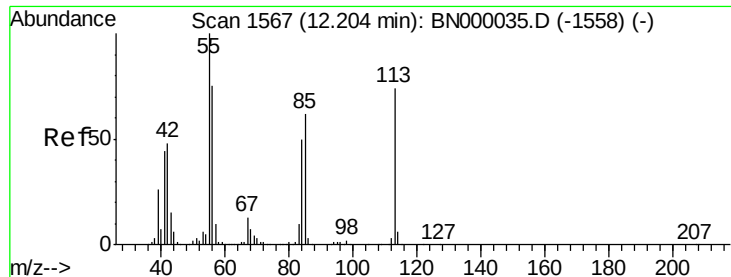
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#32
Benzoic acid
Concen: 10.973 ng m
RT: 10.46 min Scan# 1270
Delta R.T. -0.10 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.1	123.5	163.5
77	94.2	85.7	125.7





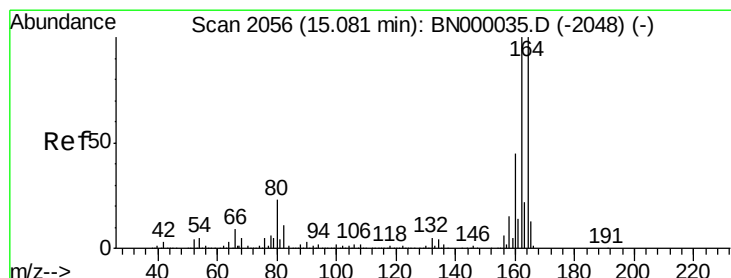
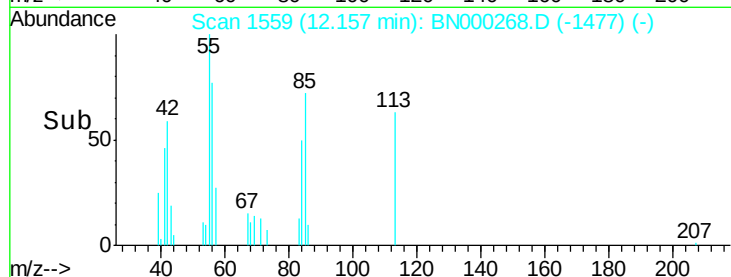
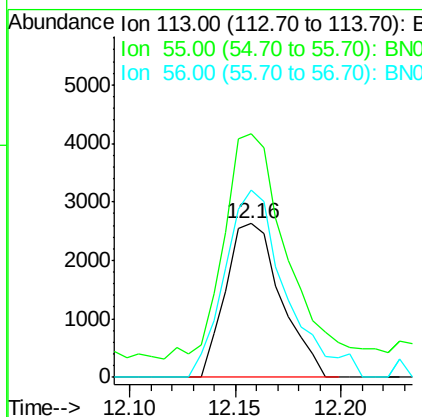
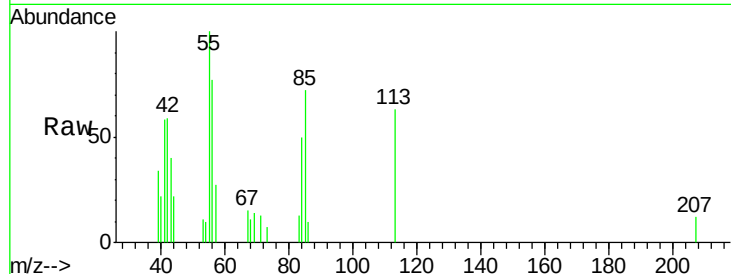
#35
 Caprolactam
 Concen: 4.625 ng
 RT: 12.16 min Scan# 1559
 Delta R.T. -0.05 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

Instrument :
 BNA_N
 ClientSampled :
 B8

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.1	120.0	160.0
56	121.6	90.0	130.0

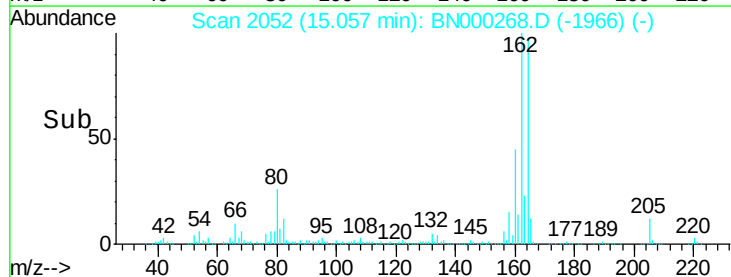
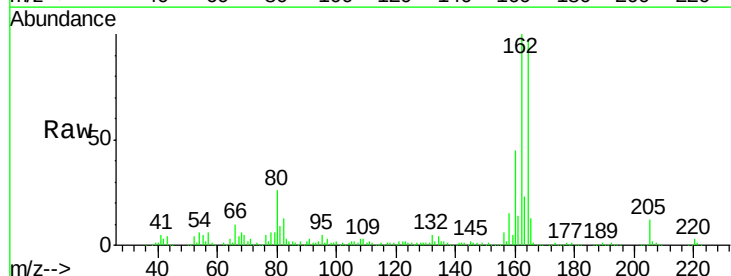
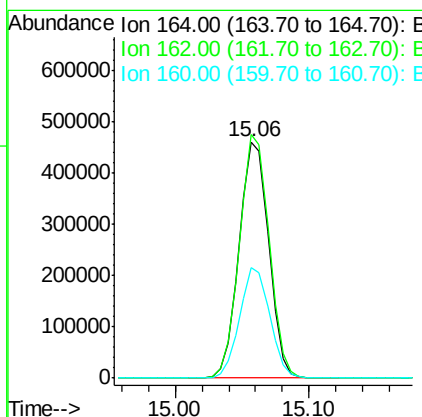
Manual Integrations
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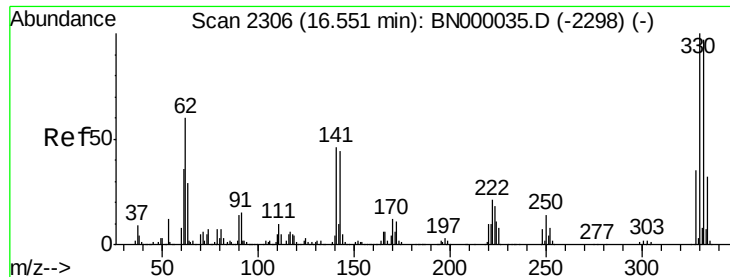
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	46.6	35.4	53.0





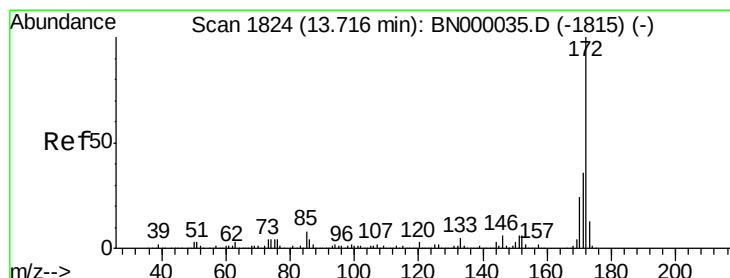
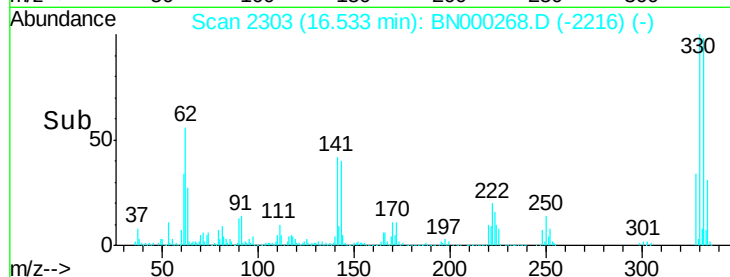
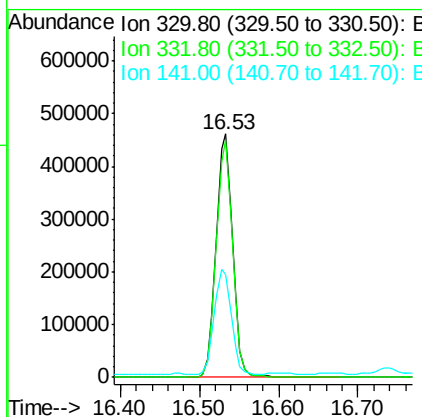
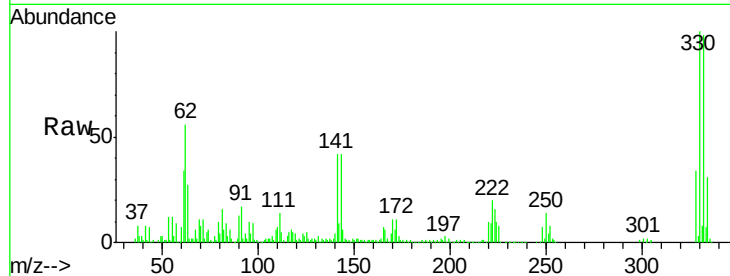
#41
 2,4,6-Tribromophenol
 Concen: 95.818 ng
 RT: 16.53 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

Instrument :
 BNA_N
 ClientSampled :
 B8

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	44.7	25.2	37.8

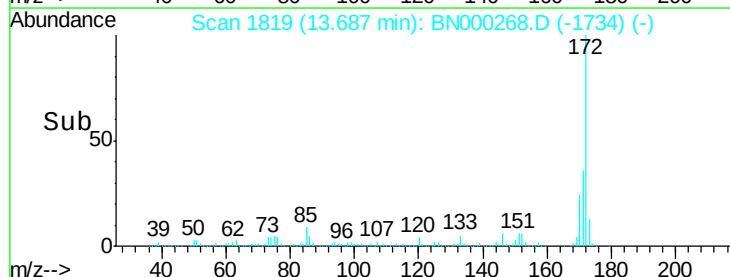
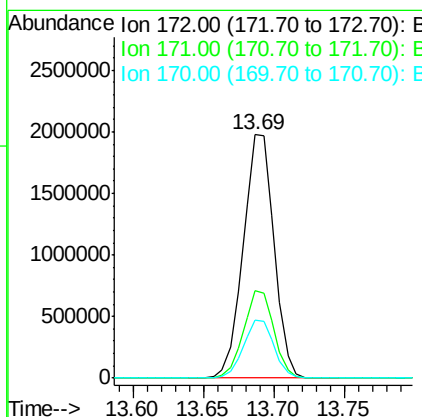
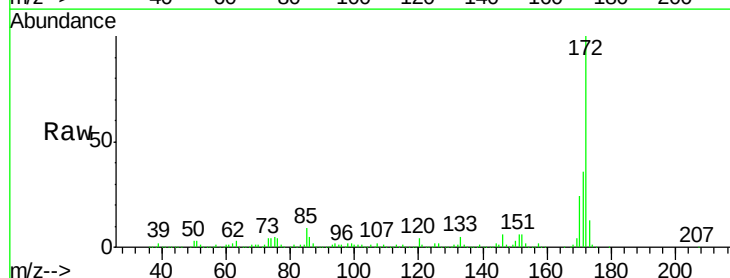
Manual Integrations
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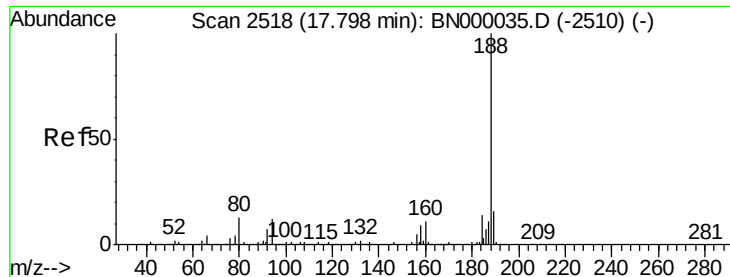
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#44
 2-Fluorobiphenyl
 Concen: 60.392 ng
 RT: 13.69 min Scan# 1819
 Delta R.T. -0.03 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	24.0	19.5	29.3





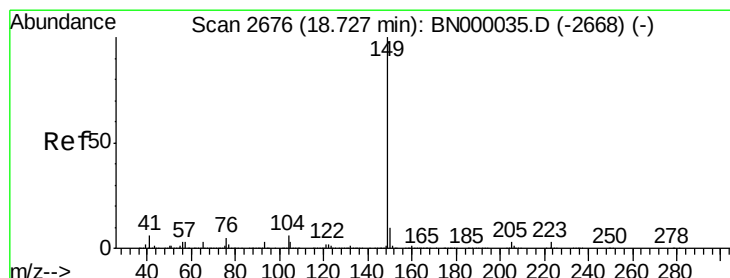
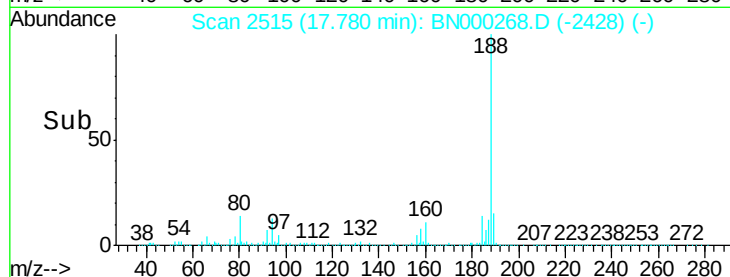
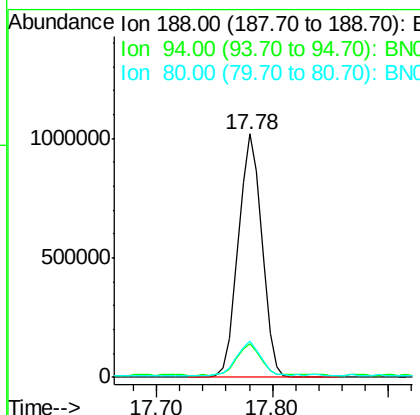
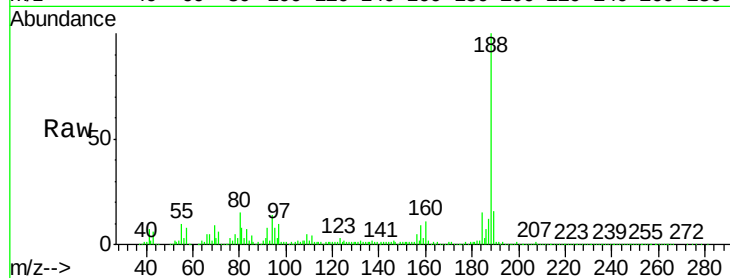
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Instrument :
BNA_N
ClientSampled :
B8

Tot Ion	Ratio	Lower	Upper
188	100		
94	13.6	6.9	10.3#
80	14.7	7.7	11.5#

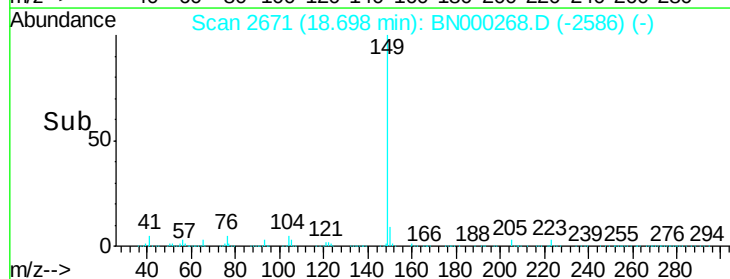
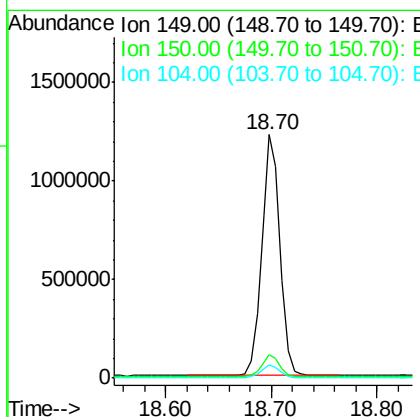
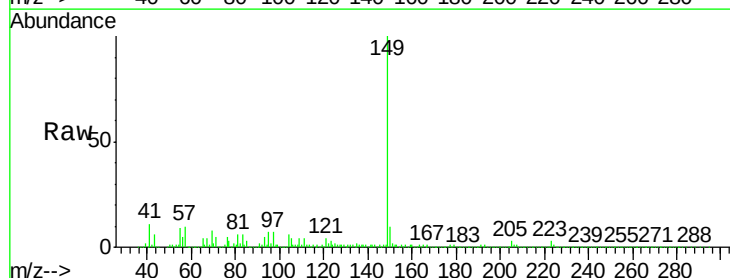
Manual Integrations
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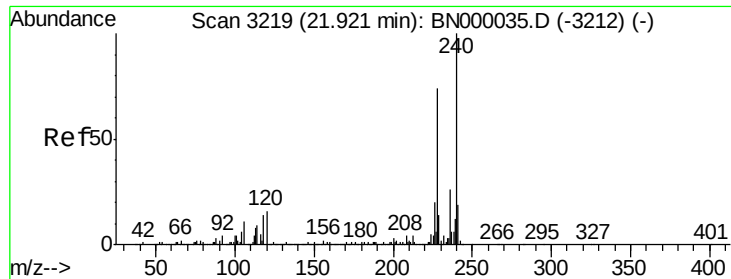
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#73
Di-n-butylphthalate
Concen: 15.925 ng
RT: 18.70 min Scan# 2671
Delta R.T. -0.03 min
Lab File: BN000268.D
Acq: 06 Mar 2018 17:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.6	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: BN000268.D

Acq: 06 Mar 2018 17:42

Instrument :

BNA_N

ClientSampleId :

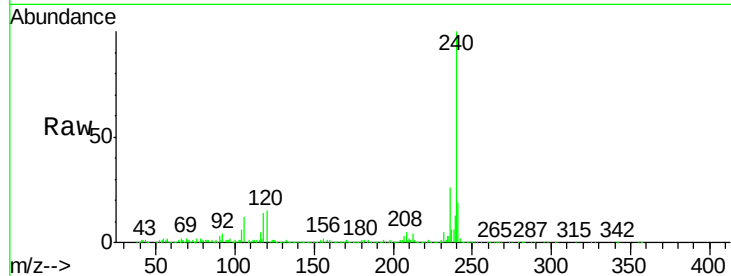
B8

Tot Ion:240 Resp: 1550052

Ion	Ratio	Lower	Upper
240	100		
120	15.5	6.8	10.2#
236	25.6	20.9	31.3

Manual Integrations
APPROVED

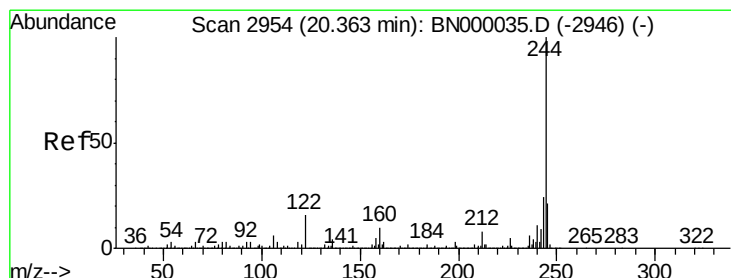
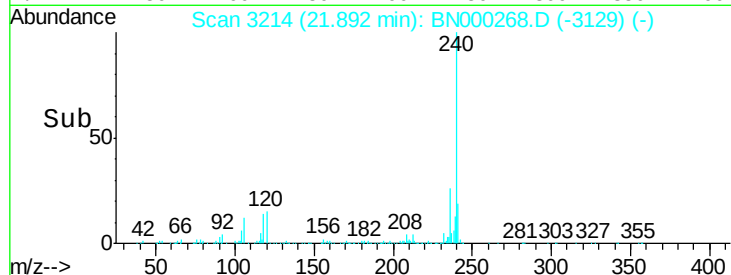
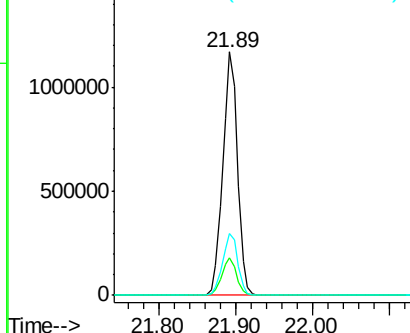
Sohil
3/7/2018 12:09:19 PM



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: 68.216 ng

RT: 20.34 min Scan# 2950

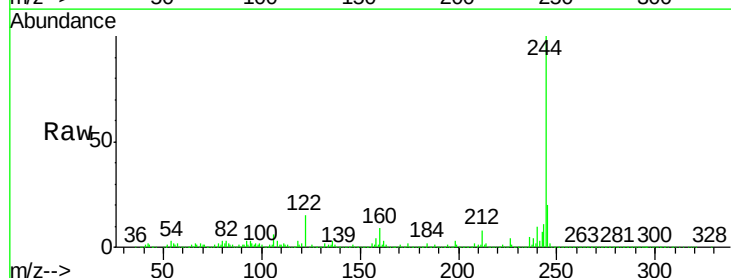
Delta R.T. -0.02 min

Lab File: BN000268.D

Acq: 06 Mar 2018 17:42

Tgt Ion:244 Resp: 3916046

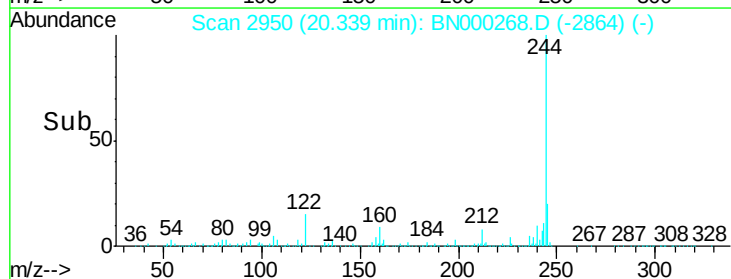
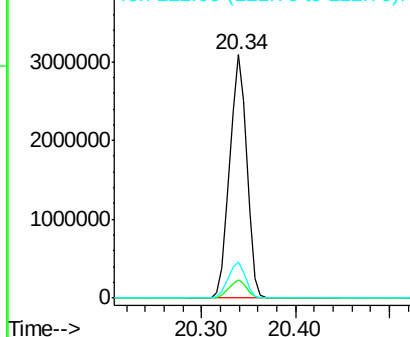
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	15.1	7.0	10.4#

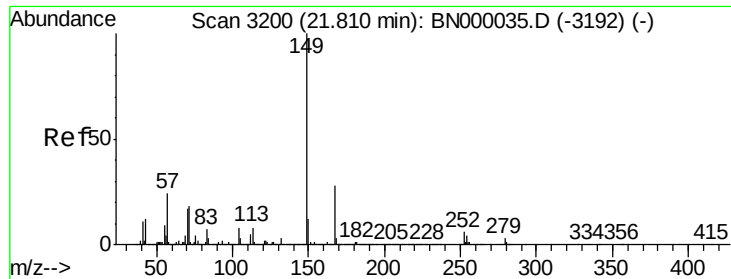


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





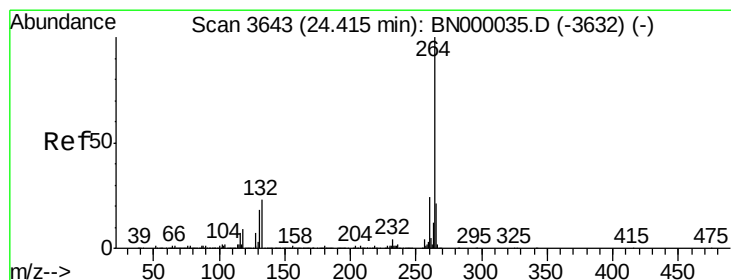
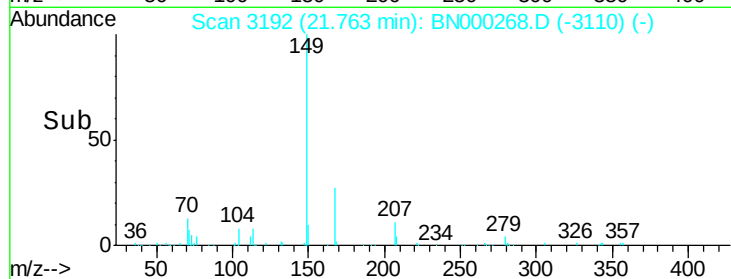
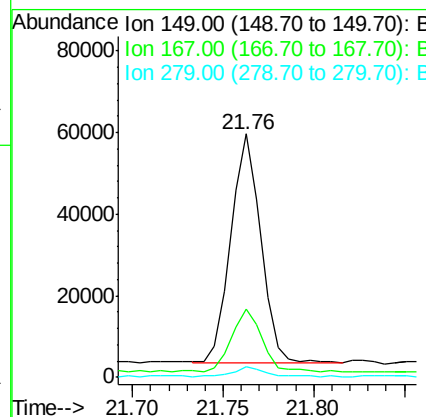
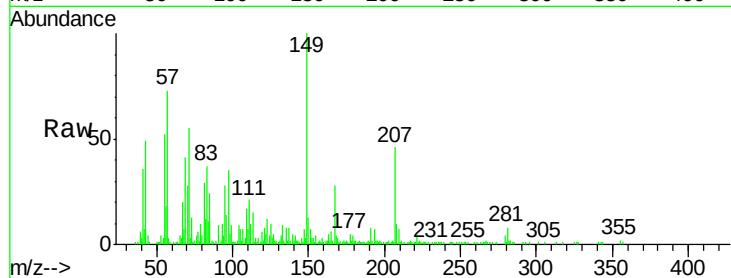
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.773 ng
 RT: 21.76 min Scan# 3192
 Delta R.T. -0.05 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

Instrument :
 BNA_N
 ClientSampled :
 B8

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	24.3	36.5
279	4.5	4.0	6.0

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:09:19 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.37 min Scan# 3635
 Delta R.T. -0.05 min
 Lab File: BN000268.D
 Acq: 06 Mar 2018 17:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.5	17.7	26.5

