

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
 Data File : BN010500.D
 Acq On : 15 Apr 2020 04:42
 Operator : CG/JU
 Sample : L2028-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 SB-30-(8-8.5)

Manual Integrations
 APPROVED

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Quant Time: Apr 16 04:31:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	156522	20.00	ng	0.00
7) Naphthalene-d8	10.35	136	673786	20.00	ng	-0.01
13) Acenaphthene-d10	14.22	164	464916	20.00	ng	-0.01
19) Phenanthrene-d10	16.97	188	1138682	20.00	ng	-0.01
27) Chrysene-d12	21.18	240	1305369	20.00	ng	-0.01
34) Perylene-d12	23.35	264	1135634	20.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	914339	133.37	ng	0.00
5) Phenol-d6	6.79	99	1201134	134.08	ng	0.00
8) Nitrobenzene-d5	8.73	82	762520	80.94	ng	-0.01
11) 2-Methylnaphthalene-d10	0.00	152	0d	0.00	ng	
14) 2,4,6-Tribromophenol	15.72	330	639790	145.98	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	2250138	66.50	ng	0.00
25) Fluoranthene-d10	0.00	212	0d	0.00	ng	
29) Terphenyl-d14	19.63	244	3497290	58.53	ng	0.00
Target Compounds						
30) Benzo(a)anthracene	21.18	228	3825m	0.045	ng	Qvalue
32) Bis(2-ethylhexyl)phthalate	21.11	149	1433	0.033	ng	93

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

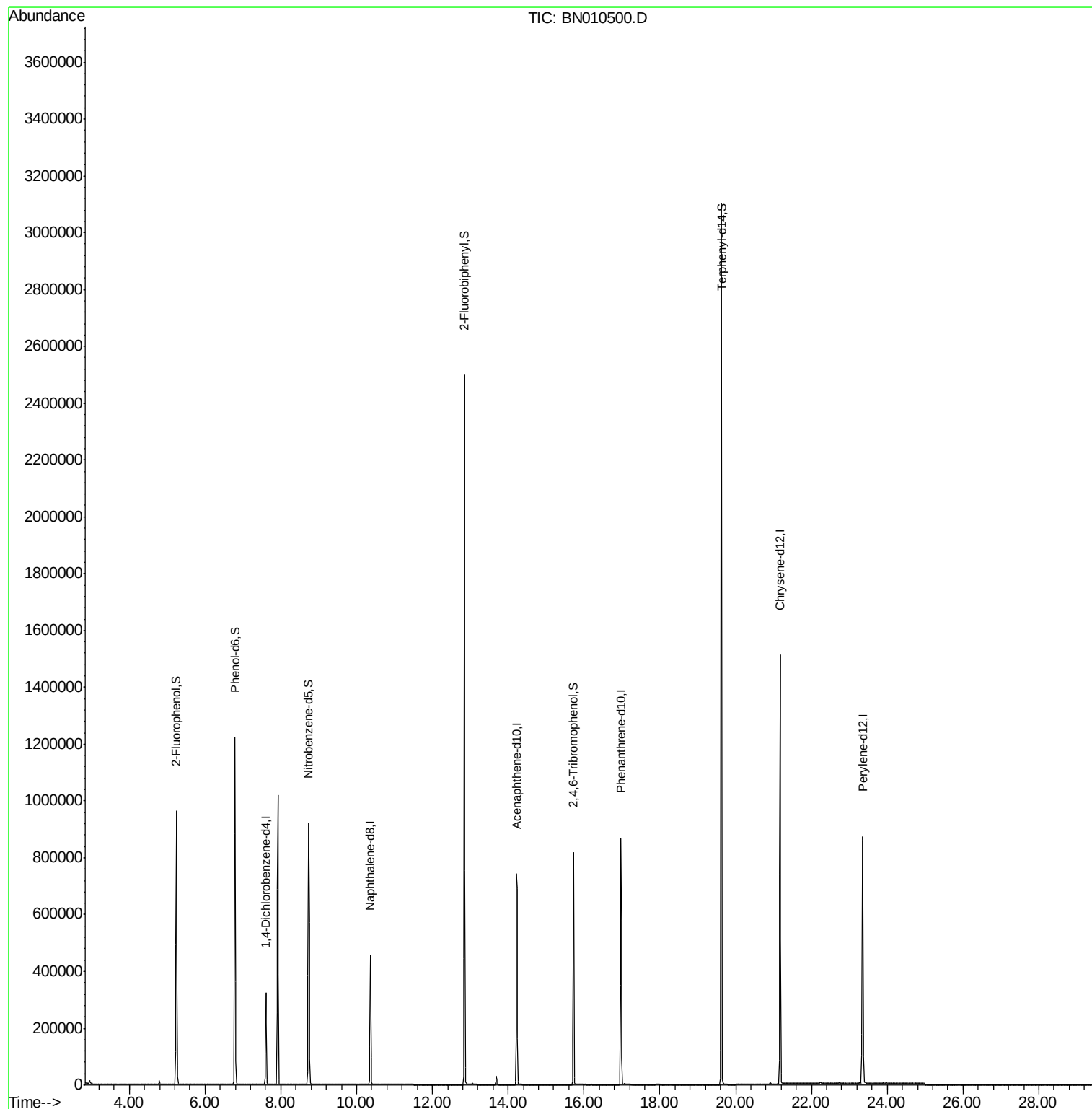
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010500.D
Acq On : 15 Apr 2020 04:42
Operator : CG/JU
Sample : L2028-01
Misc :
ALS Vial : 22 Sample Multiplier: 50

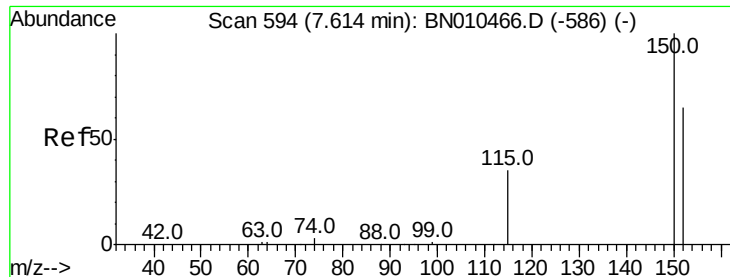
Instrument :
BNA_N
ClientSampleId :
SB-30-(8-8.5)

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Quant Time: Apr 16 04:31:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration





#1

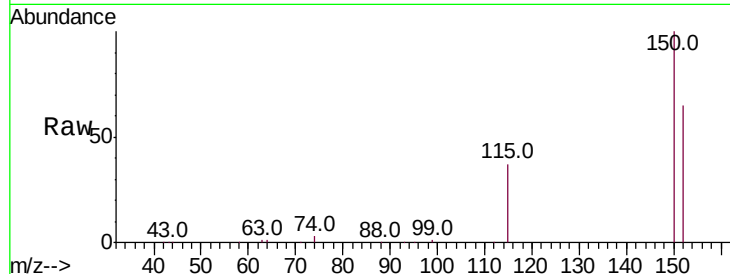
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010500.D
Acq: 15 Apr 2020 04:42

Instrument :
BNA_N
ClientSampleId :
SB-30-(8-8.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	121.8	182.6
115	56.4	45.5	68.3

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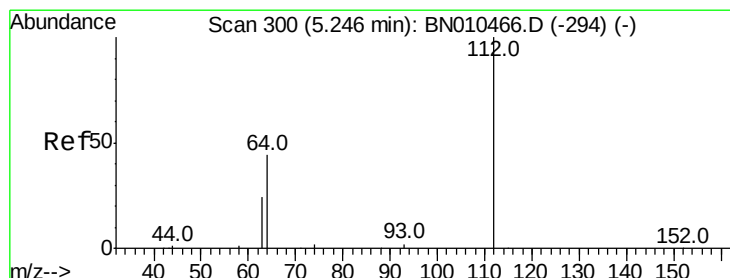
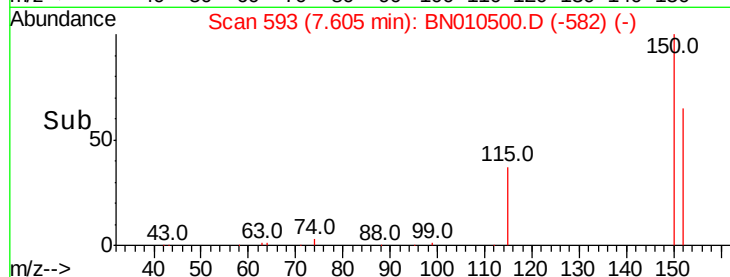
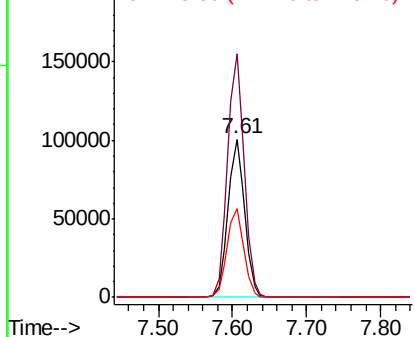


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

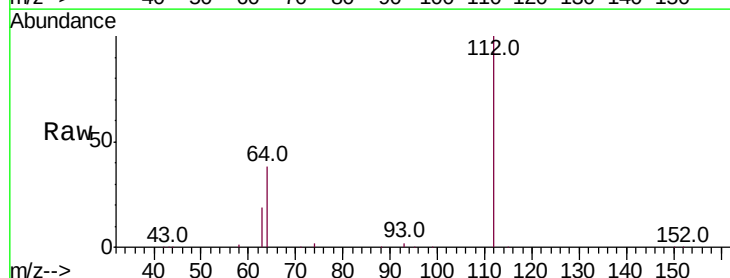
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 133.369 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010500.D
Acq: 15 Apr 2020 04:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.8	35.8	53.8
63	23.7	19.9	29.9

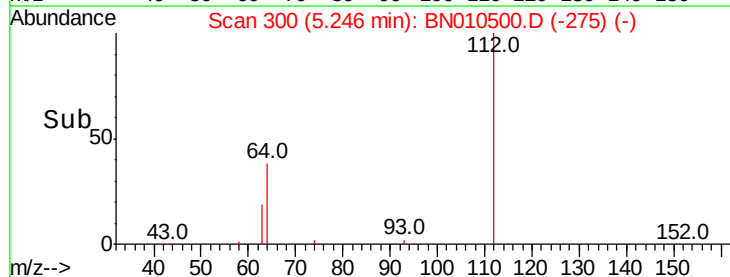
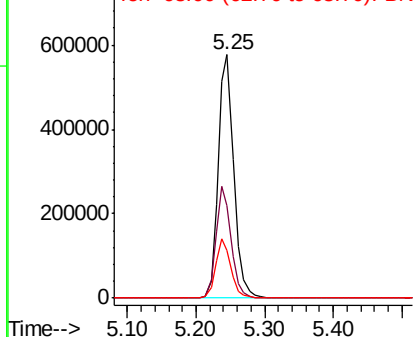


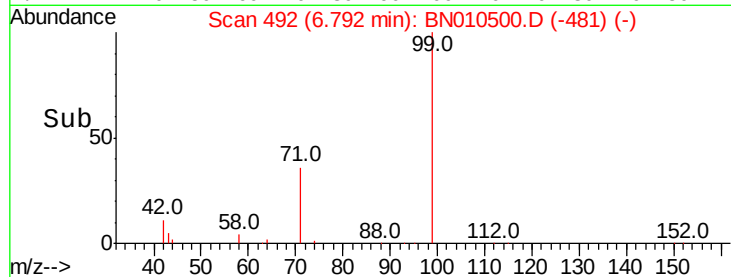
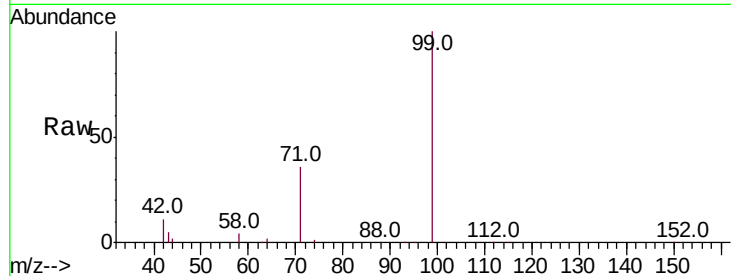
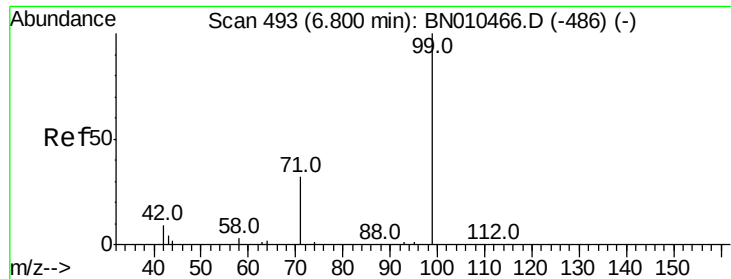
Abundance

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





#5

Phenol-d6

Concen: 134.076 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010500.D

Acq: 15 Apr 2020 04:42

Tot Ion: 99 Resp: 1201134

Ion Ratio Lower Upper

99 100

42 11.2 9.8 14.6

71 35.0 27.8 41.8

Instrument :

BNA_N

ClientSampleId :

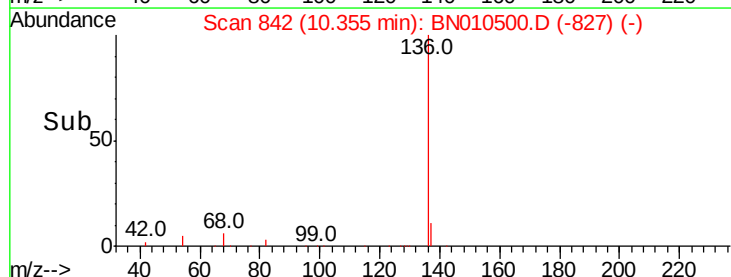
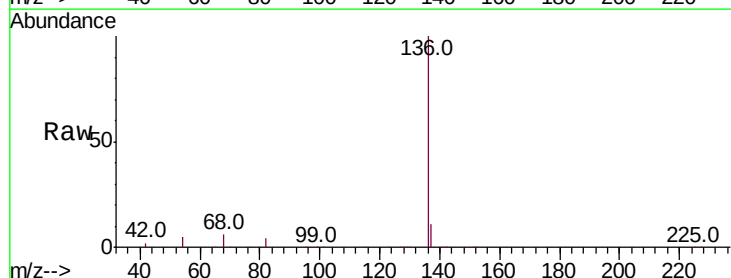
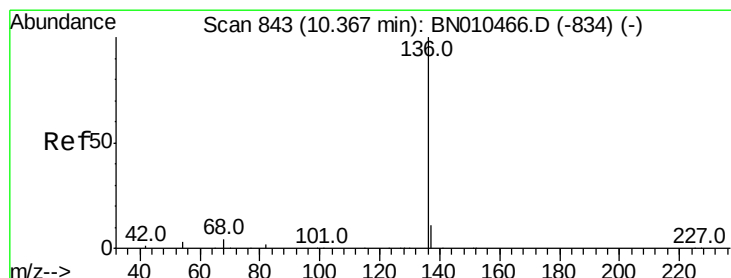
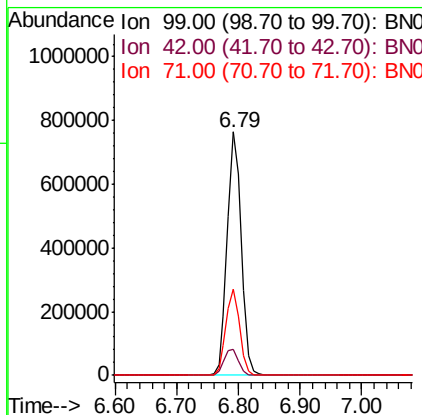
SB-30-(8-8.5)

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#7

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.01 min

Lab File: BN010500.D

Acq: 15 Apr 2020 04:42

Tgt Ion: 136 Resp: 673786

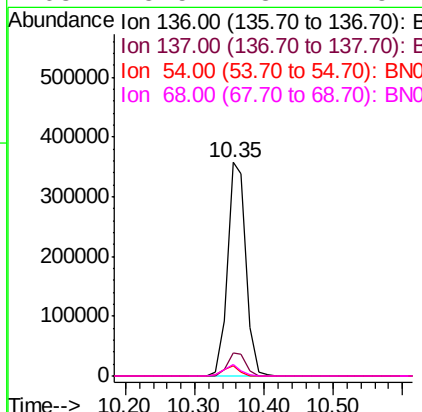
Ion Ratio Lower Upper

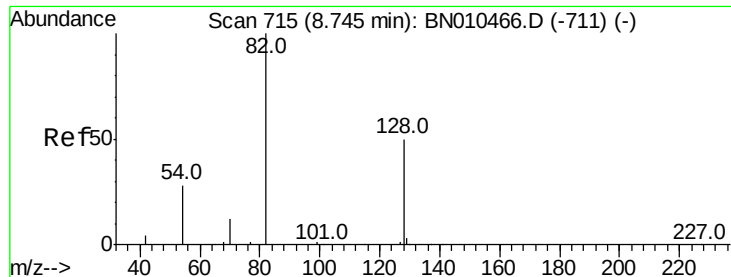
136 100

137 11.0 8.9 13.3

54 4.7 2.6 4.0#

68 5.5 3.4 5.2#





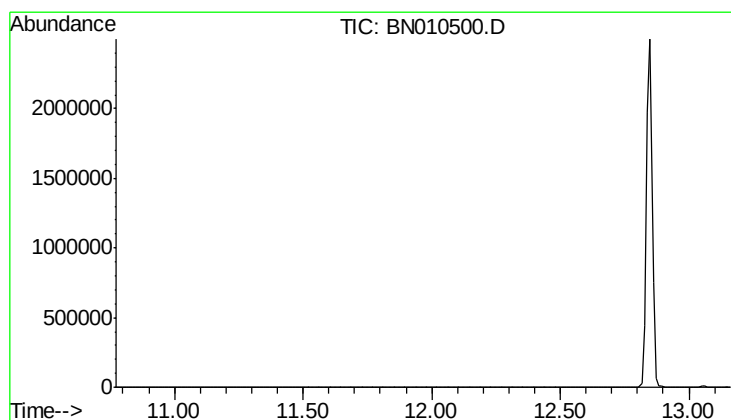
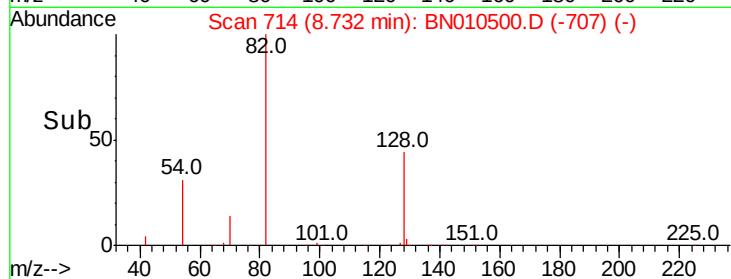
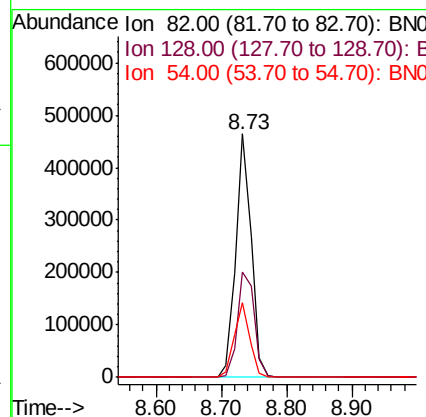
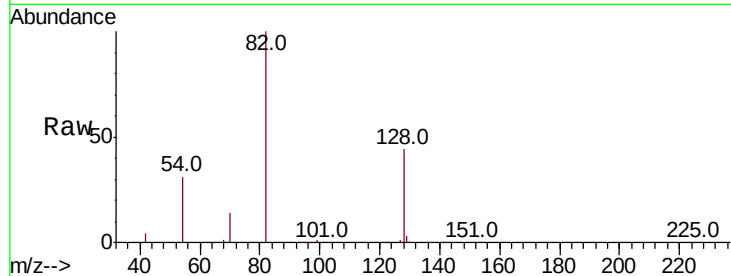
#8
 Nitrobenzene-d5
 Concen: 80.942 ng
 RT: 8.73 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BN010500.D
 Acq: 15 Apr 2020 04:42

Instrument :
 BNA_N
 ClientSampleId :
 SB-30-(8-8.5)

Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	43.5	41.3	61.9	
54	30.6	23.4	35.0	

Manual Integrations
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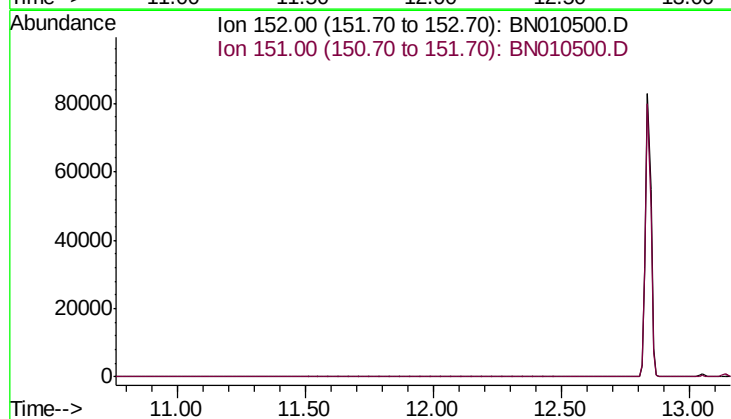
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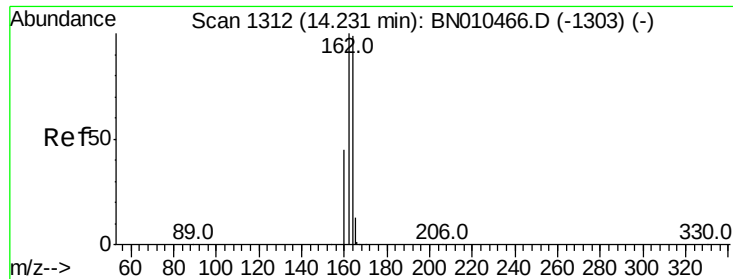


#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 Expected RT: 11.96 min

Lab File: BN010500.D
 Acq: 15 Apr 2020 04:42

Tgt Ion	Sig	Exp Ratio
152	100	
151	19.1	





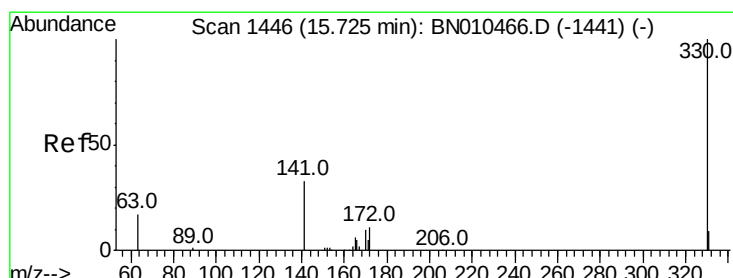
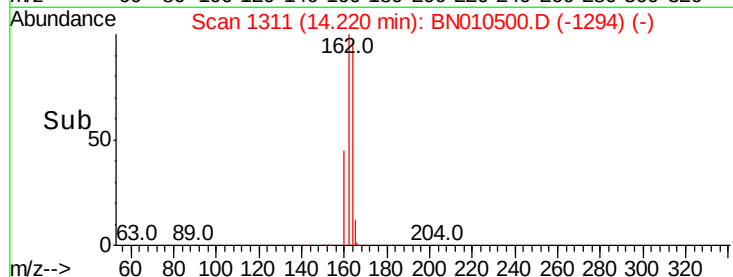
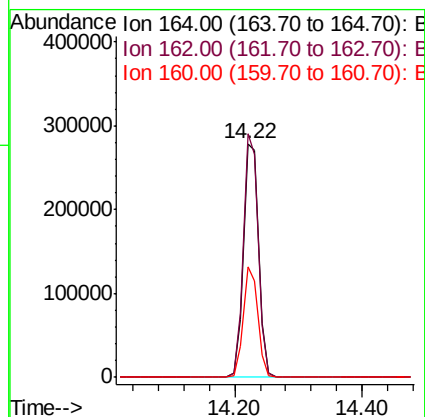
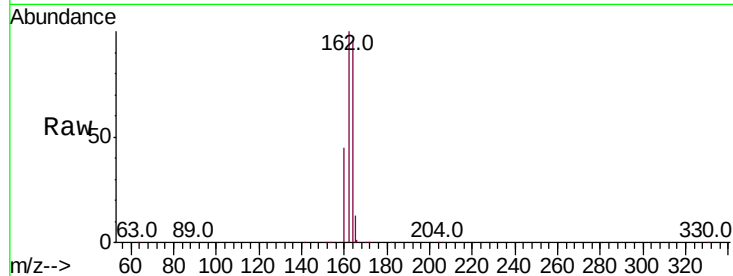
#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN010500.D
Acq: 15 Apr 2020 04:42

Instrument :
BNA_N
ClientSampleId :
SB-30-(8-8.5)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	80.6	121.0	
160	47.2	36.5	54.7	

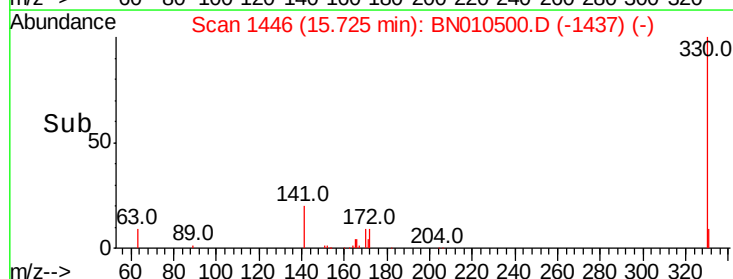
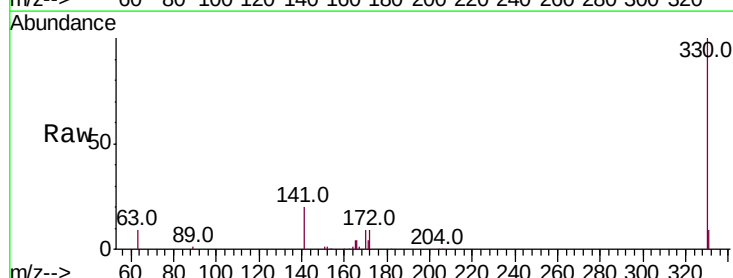
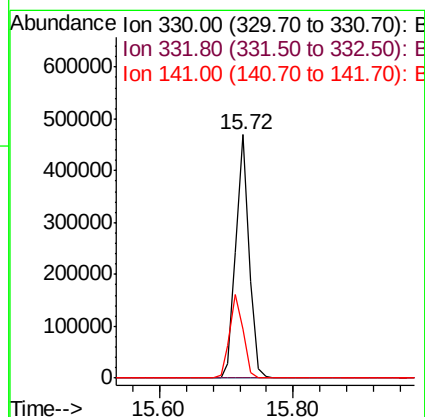
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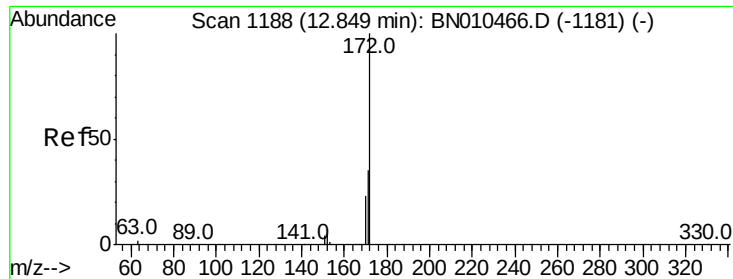
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#14
2,4,6-Tribromophenol
Concen: 145.981 ng
RT: 15.72 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BN010500.D
Acq: 15 Apr 2020 04:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	0.0	0.0	0.0	
141	35.6	28.1	42.1	





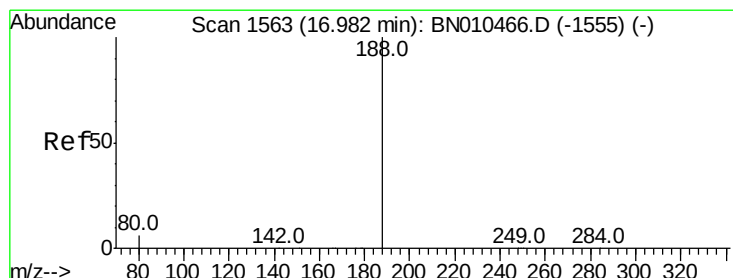
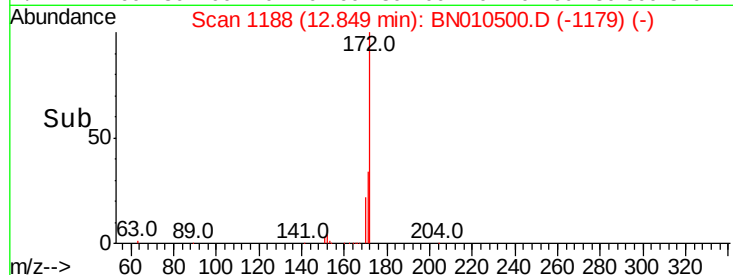
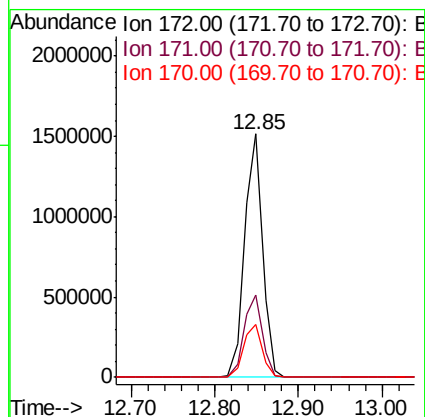
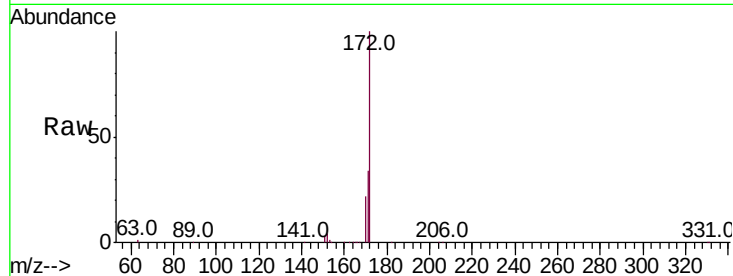
#15
2-Fluorobiphenyl
Concen: 66.499 ng
RT: 12.85 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BN010500.D
Acq: 15 Apr 2020 04:42

Instrument :
BNA_N
ClientSampleId :
SB-30-(8-8.5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.2	42.2
170	21.5	18.4	27.6

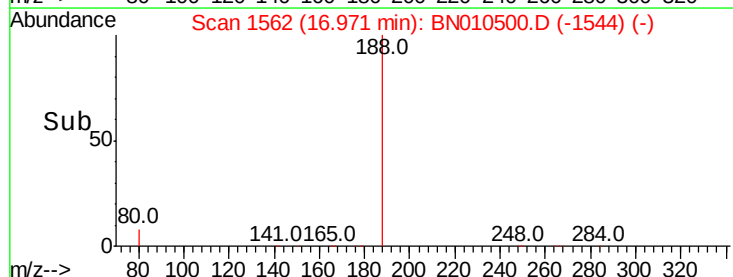
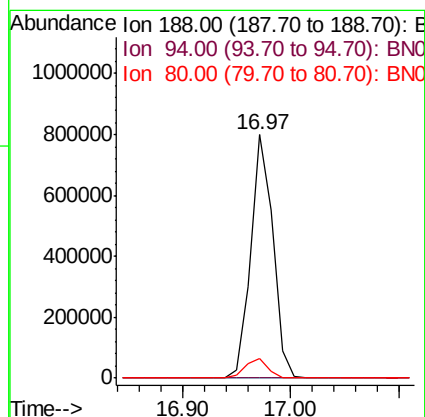
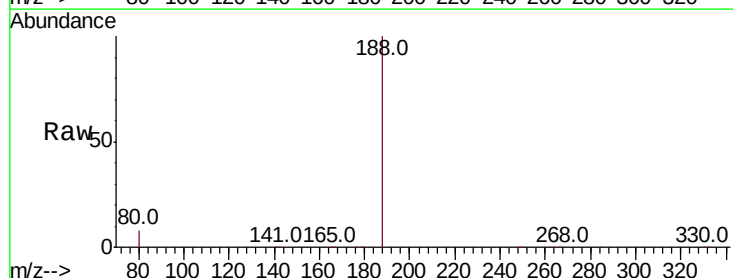
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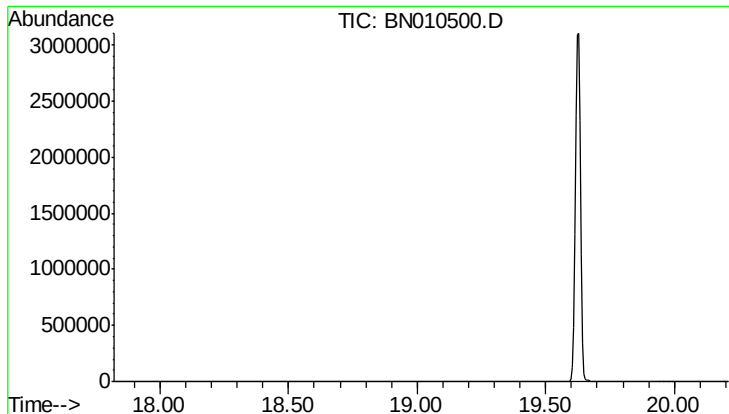
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#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BN010500.D
Acq: 15 Apr 2020 04:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	5.0	7.6





#25

Fluoranthene-d10

Concen: 0.000 ng

Expected RT: 19.02 min

Lab File: BN010500.D

Acq: 15 Apr 2020 04:42

Tot Ion: 212

Sig Exp Ratio

212 100

106 9.7

104 5.6

Instrument :

BNA_N

ClientSampleId :

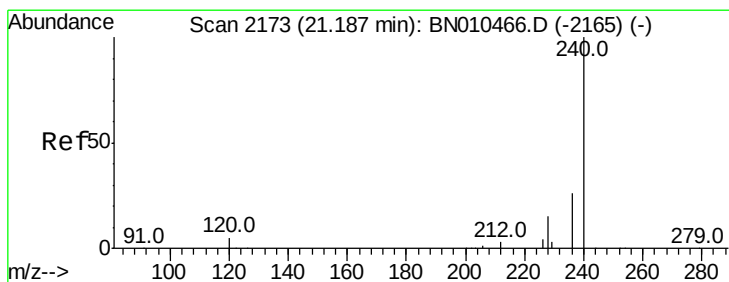
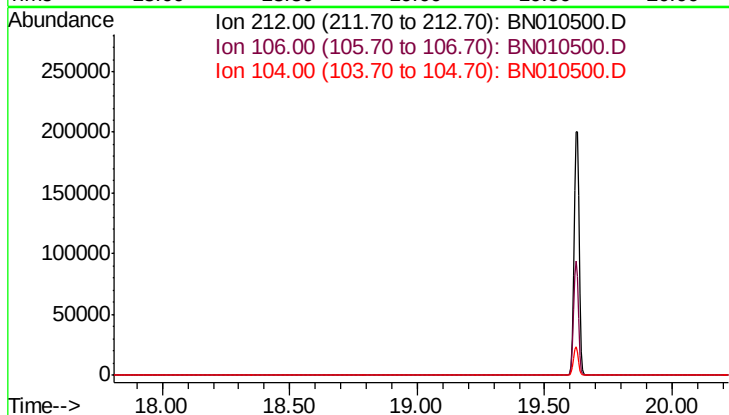
SB-30-(8-8.5)

Manual Integrations

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#27

Chrysene-d12

Concen: 20.000 ng

RT: 21.18 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010500.D

Acq: 15 Apr 2020 04:42

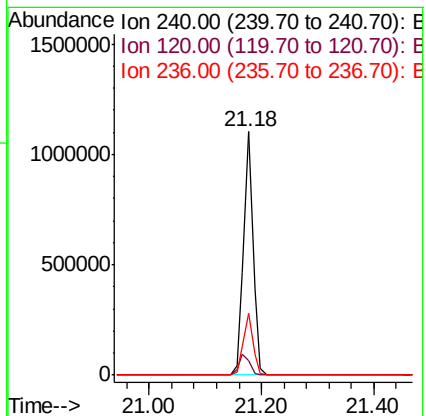
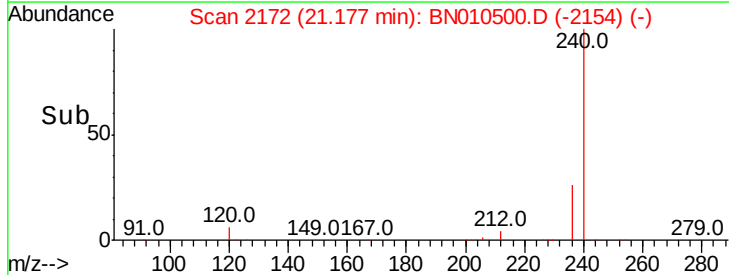
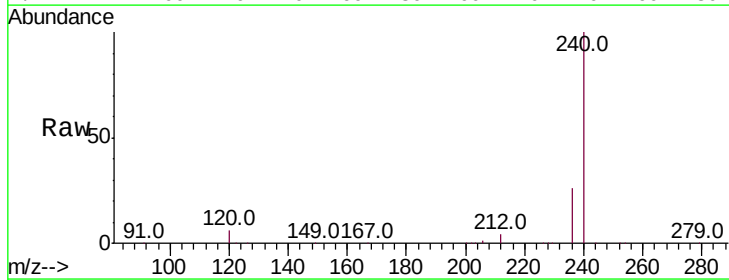
Tgt Ion:240 Resp: 1305369

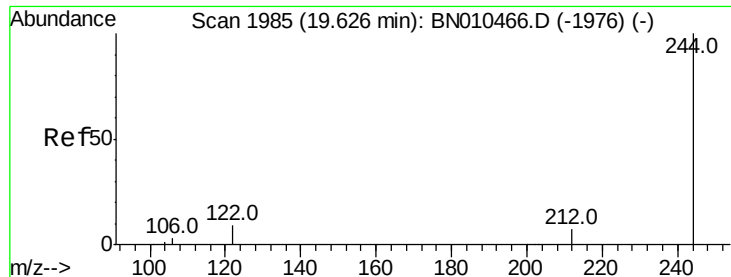
Ion Ratio Lower Upper

240 100

120 5.7 4.8 7.2

236 25.7 21.4 32.0





#29

Terphenyl-d14

Concen: 58.530 ng

RT: 19.63 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BN010500.D

Acq: 15 Apr 2020 04:42

Instrument :

BNA_N

ClientSampleId :

SB-30-(8-8.5)

Tot Ion:244 Resp: 3497290

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

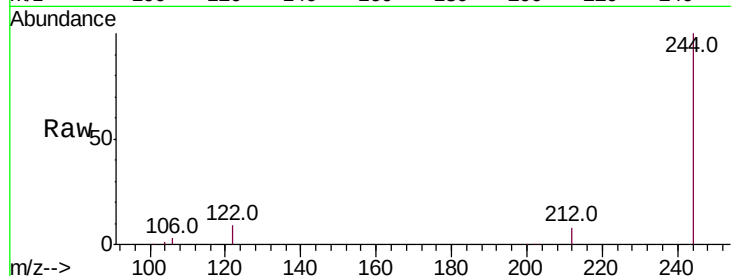
122 9.5 7.8 11.8

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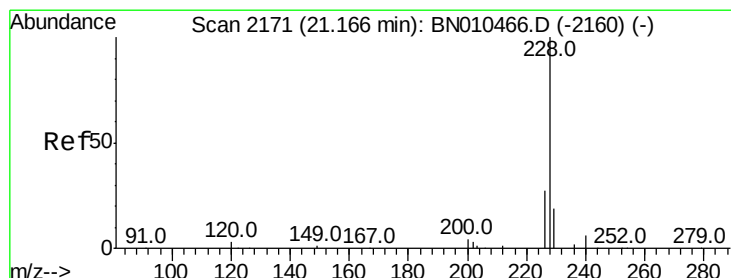
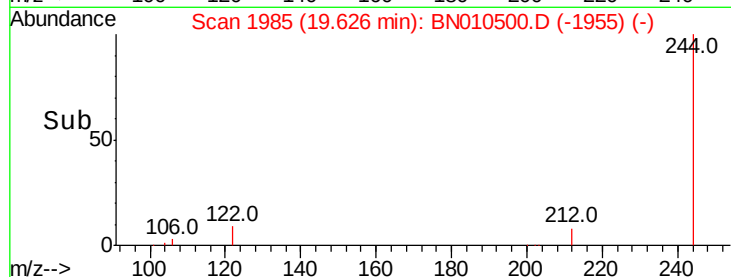
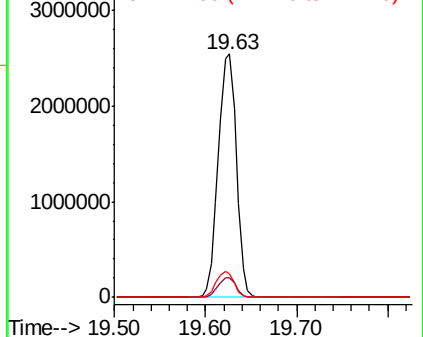
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.045 ng m

RT: 21.18 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BN010500.D

Acq: 15 Apr 2020 04:42

Tgt Ion:228 Resp: 3825

Ion Ratio Lower Upper

228 100

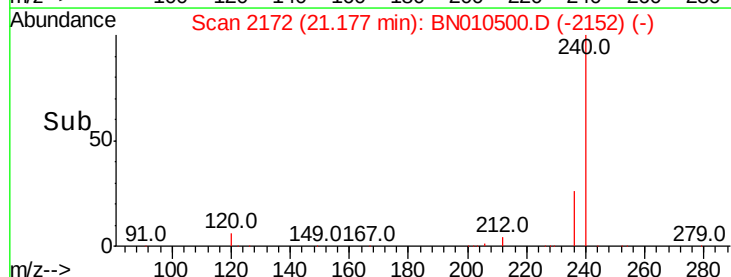
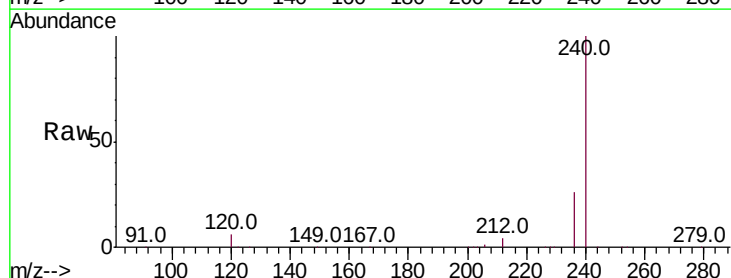
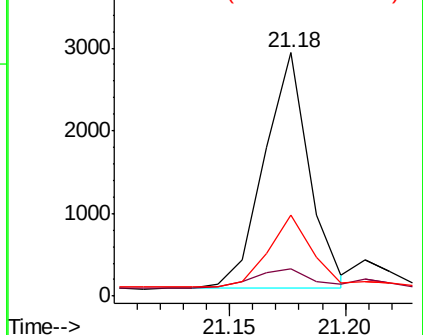
226 11.3 21.7 32.5#

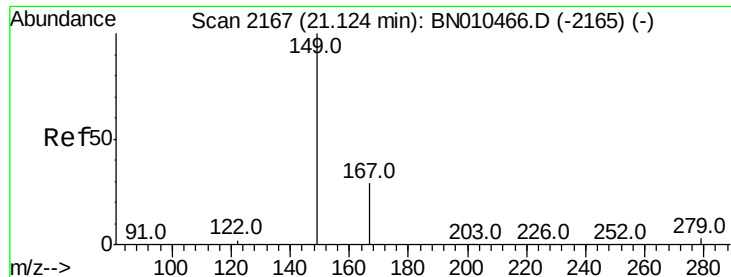
229 33.6 15.6 23.4#

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.033 ng

RT: 21.11 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN010500.D

Acq: 15 Apr 2020 04:42

Instrument :

BNA_N

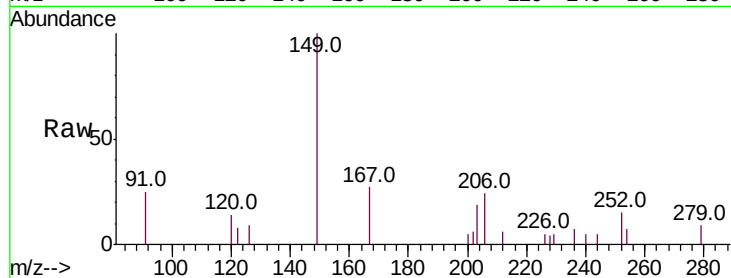
ClientSampled :

SB-30-(8-8.5)

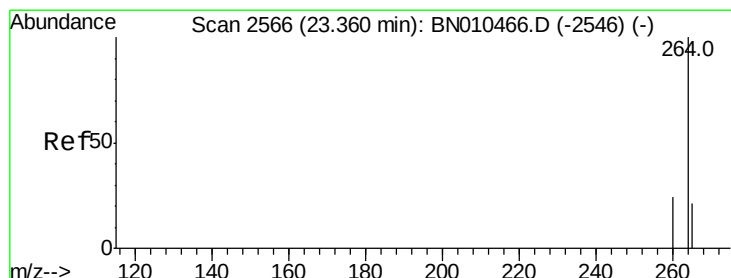
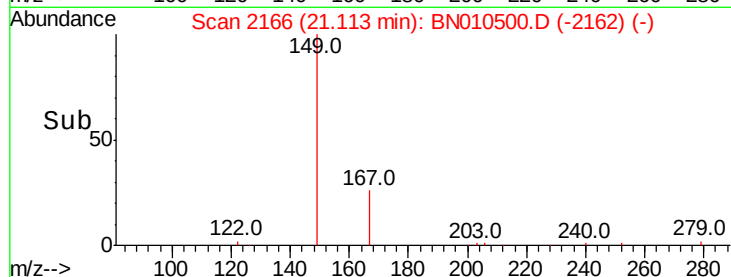
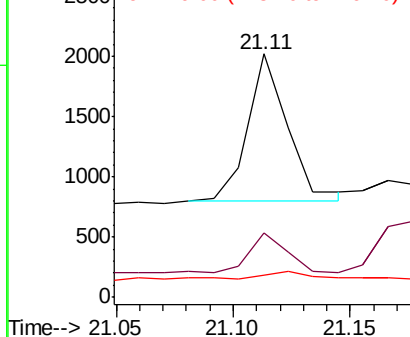
Tot Ion:	149	Resp:	1433
Ion Ratio	Lower	Upper	
149	100		
167	25.1	23.4	35.0
279	4.1	4.0	6.0

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:05 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 20.000 ng

RT: 23.35 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BN010500.D

Acq: 15 Apr 2020 04:42

Tgt Ion:	264	Resp:	1135634
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.8	29.8
265	22.1	42.3	63.5#

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

