

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
 Data File : BN010498.D
 Acq On : 15 Apr 2020 03:30
 Operator : CG/JU
 Sample : L2017-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 FE-SB-35-(7-7.5)

Manual Integrations
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 4/16/2020 12:51:59 PM

Quant Time: Apr 16 17:41:45 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	185751	20.00	ng	0.00
7) Naphthalene-d8	10.35	136	795604	20.00	ng	-0.01
13) Acenaphthene-d10	14.22	164	536363	20.00	ng	0.00
19) Phenanthrene-d10	16.98	188	1269802	20.00	ng	0.00
27) Chrysene-d12	21.17	240	1400285	20.00	ng	-0.01
34) Perylene-d12	23.35	264	1198800	20.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	993404	122.10	ng	0.00
5) Phenol-d6	6.79	99	1307215	122.96	ng	0.00
8) Nitrobenzene-d5	8.73	82	843632	75.84	ng	-0.01
11) 2-Methylnaphthalene-d10	0.00	152	0d	0.00	ng	
14) 2,4,6-Tribromophenol	15.73	330	685930	135.66	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	2415081	61.87	ng	0.00
25) Fluoranthene-d10	0.00	212	0d	0.00	ng	
29) Terphenyl-d14	19.62	244	3504669	54.68	ng	0.00
Target Compounds						
26) Fluoranthene	19.04	202	2059	0.024	ng	Qvalue 95
28) Pyrene	19.41	202	2222	0.024	ng	# 94
30) Benzo(a)anthracene	21.17	228	5413m	0.059	ng	
32) Bis(2-ethylhexyl)phthalate	21.11	149	1873	0.040	ng	# 96

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

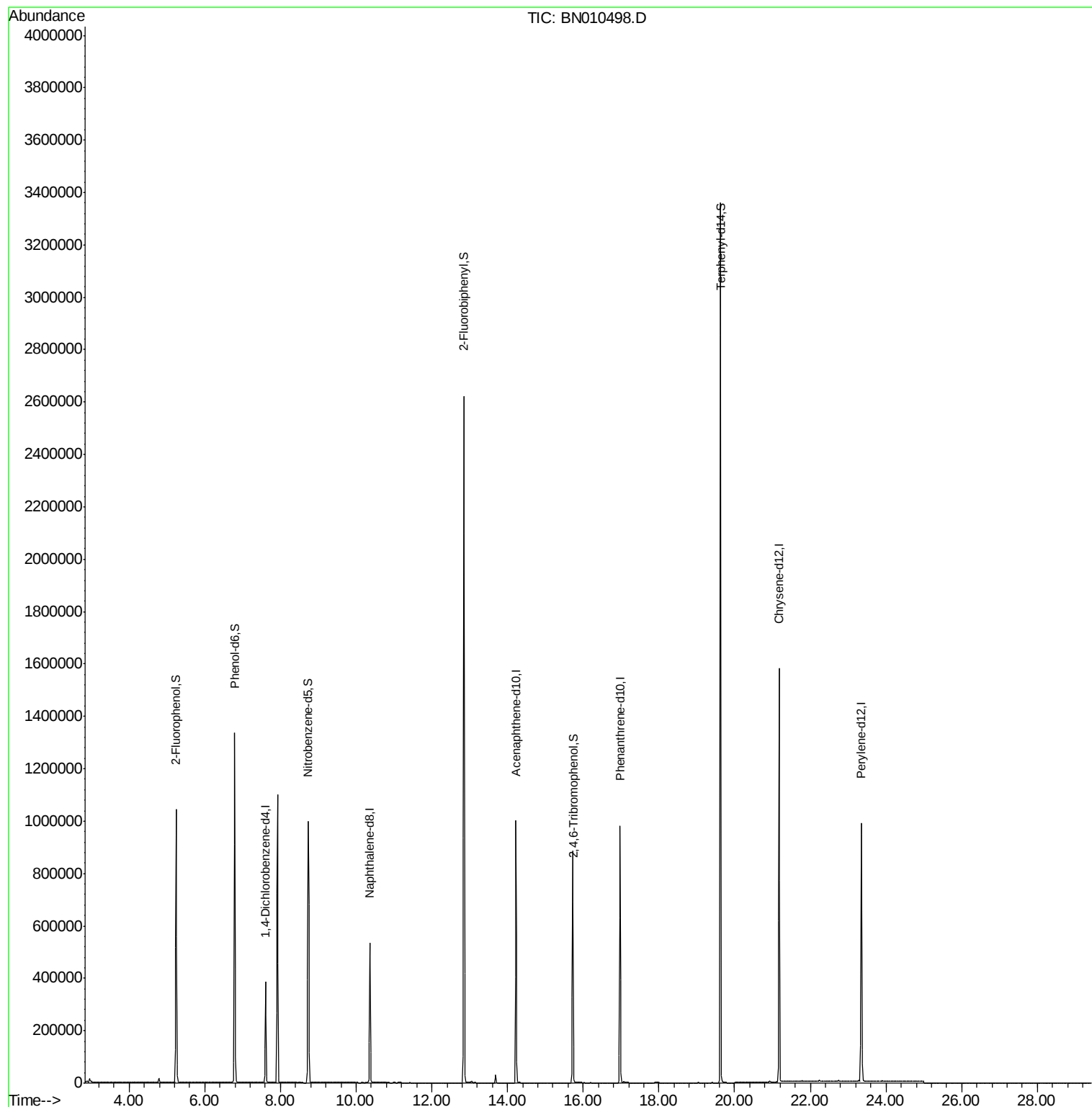
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010498.D
Acq On : 15 Apr 2020 03:30
Operator : CG/JU
Sample : L2017-02
Misc :
ALS Vial : 20 Sample Multiplier: 50

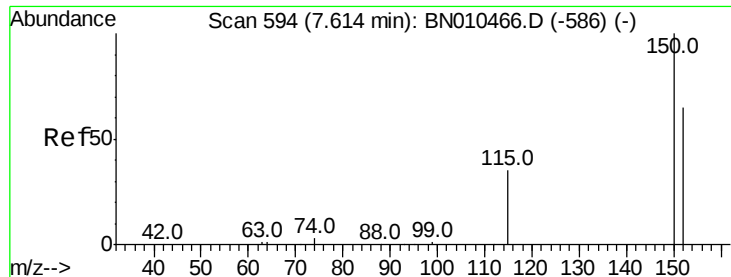
Instrument :
BNA_N
ClientSampleId :
FE-SB-35-(7-7.5)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
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#1

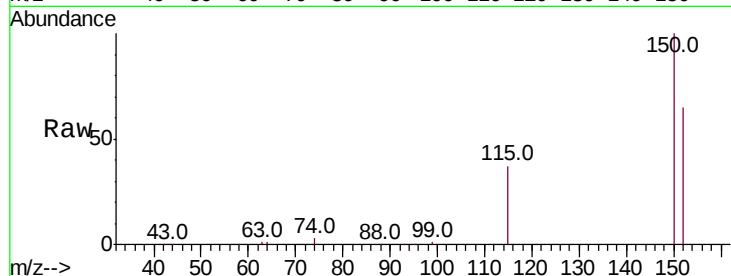
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

Instrument :
BNA_N
ClientSampled :
FE-SB-35-(7-7.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	121.8	182.6
115	56.5	45.5	68.3

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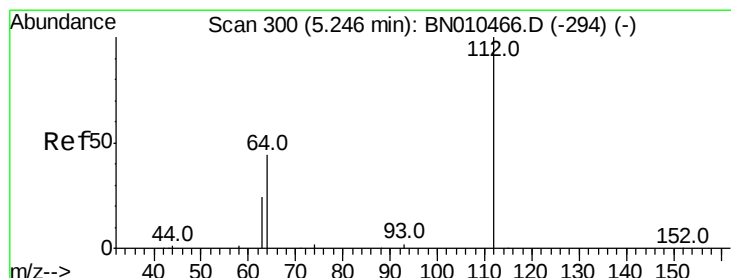
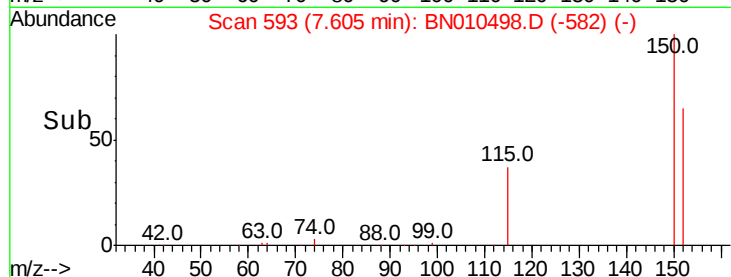
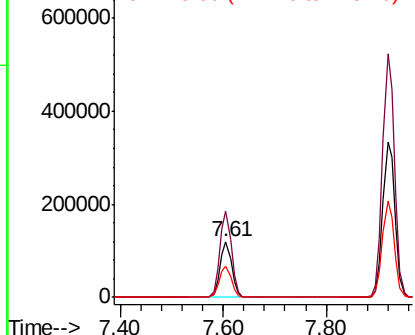


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

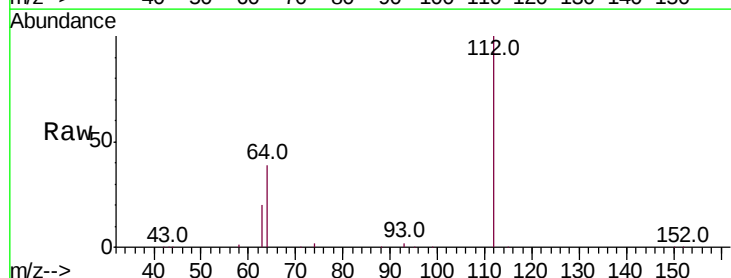
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 122.101 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.9	35.8	53.8
63	23.7	19.9	29.9

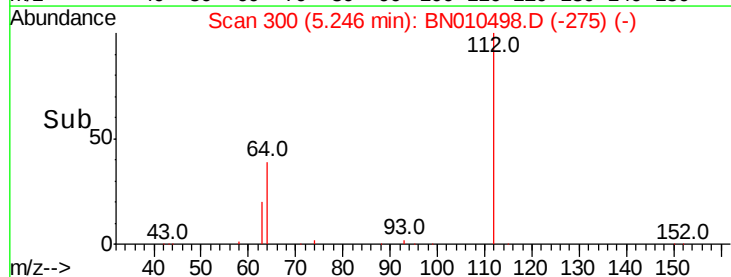
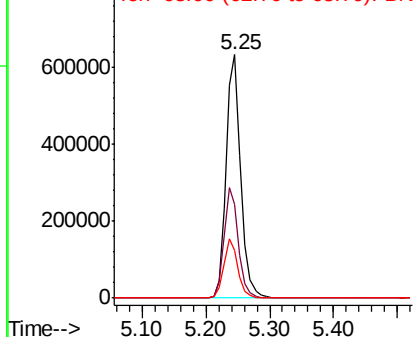


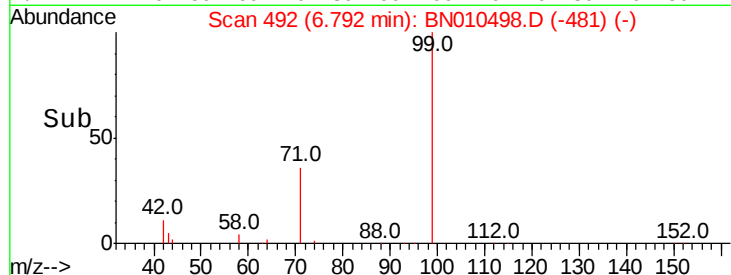
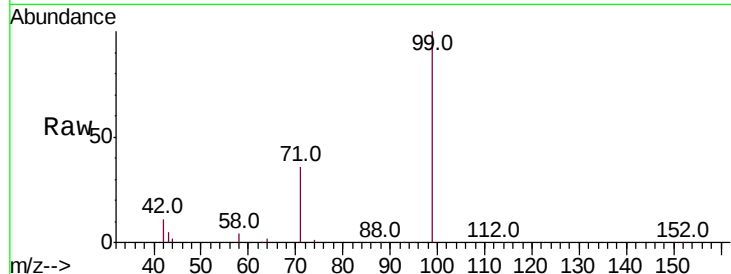
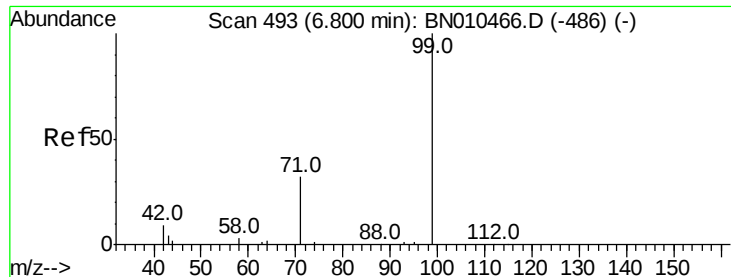
Abundance

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: 122.957 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010498.D

Acq: 15 Apr 2020 03:30

Tot Ion: 99 Resp: 1307215

Ion Ratio Lower Upper

99 100

42 11.3 9.8 14.6

71 35.1 27.8 41.8

Instrument :

BNA_N

ClientSampleId :

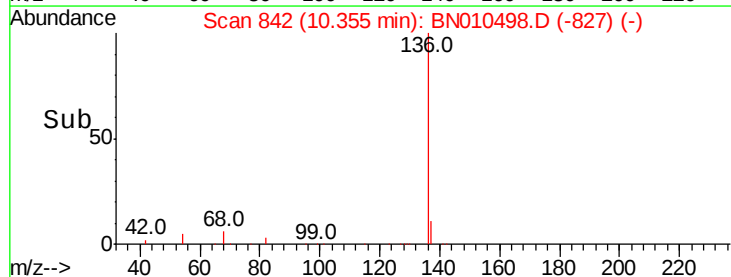
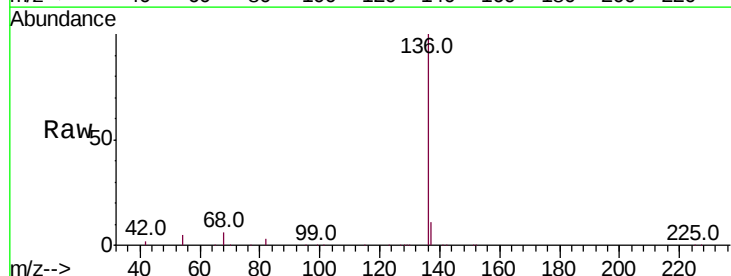
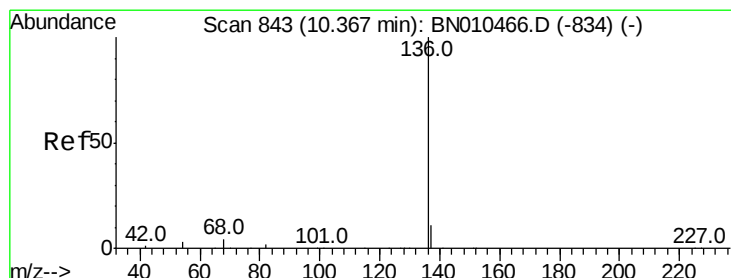
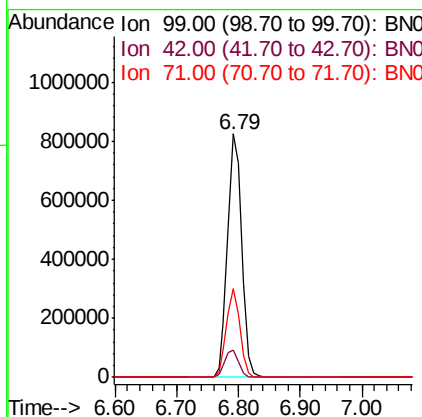
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#7

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.01 min

Lab File: BN010498.D

Acq: 15 Apr 2020 03:30

Tgt Ion: 136 Resp: 795604

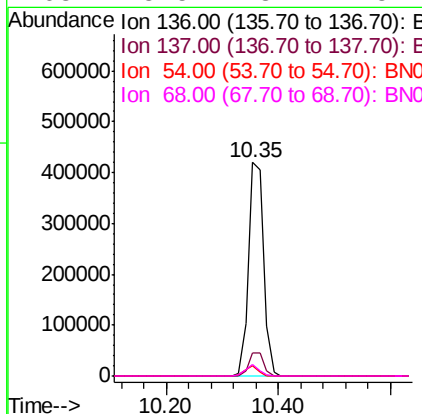
Ion Ratio Lower Upper

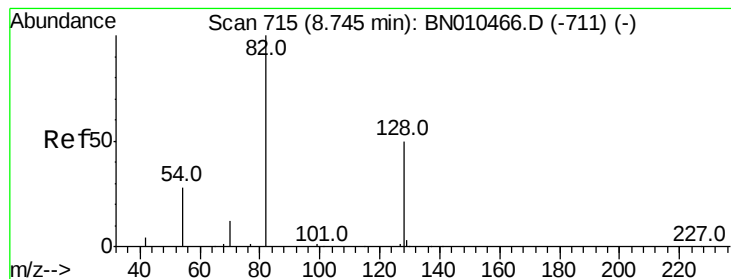
136 100

137 11.0 8.9 13.3

54 4.6 2.6 4.0#

68 5.5 3.4 5.2#





#8

Nitrobenzene-d5

Concen: 75.840 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010498.D

Acq: 15 Apr 2020 03:30

Instrument :

BNA_N

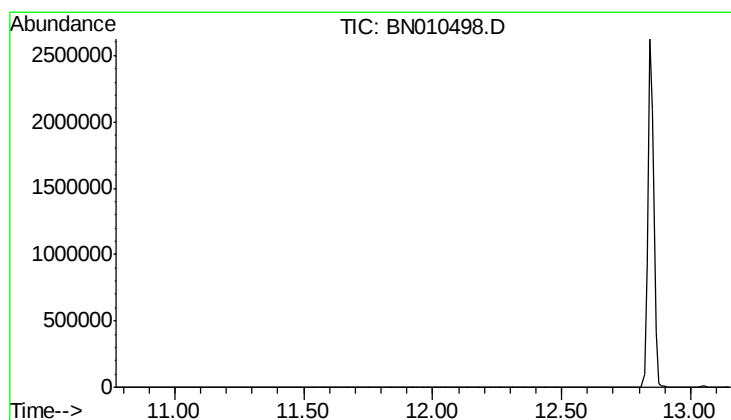
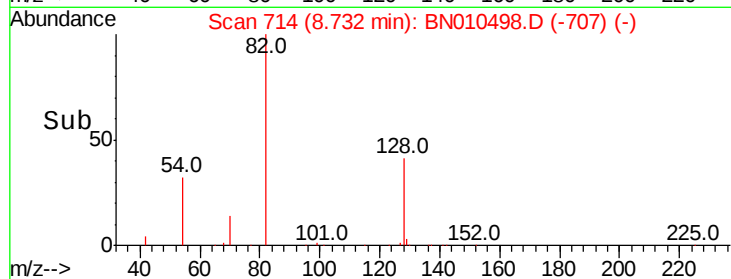
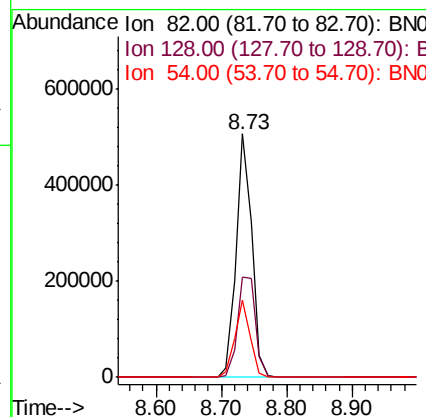
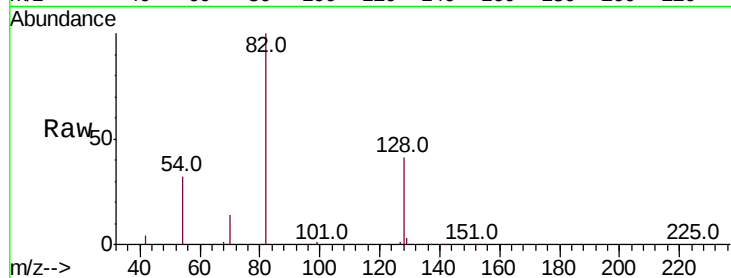
ClientSampled :

FE-SB-35-(7-7.5)

Tot Ion:	82	Resp:	843632
Ion Ratio	Lower	Upper	
82	100		
128	41.3	41.3	61.9
54	31.5	23.4	35.0

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#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

Expected RT: 11.96 min

Lab File: BN010498.D

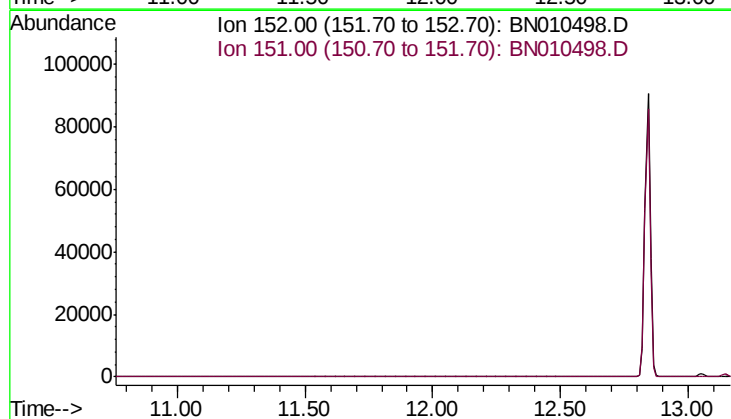
Acq: 15 Apr 2020 03:30

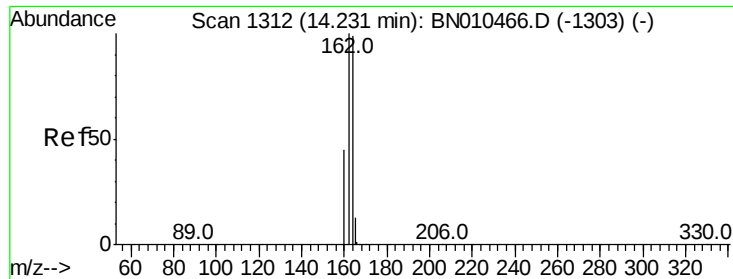
Tgt Ion: 152

Sig Exp Ratio

152 100

151 19.1





#13

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010498.D

Acq: 15 Apr 2020 03:30

Instrument :

BNA_N

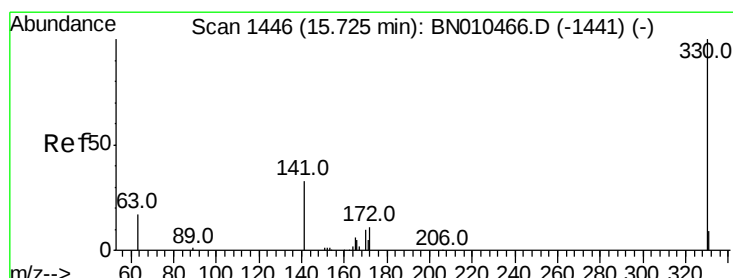
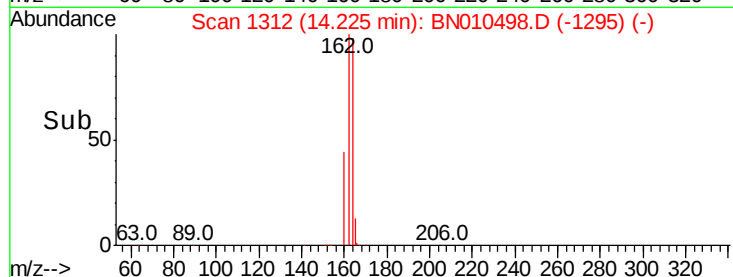
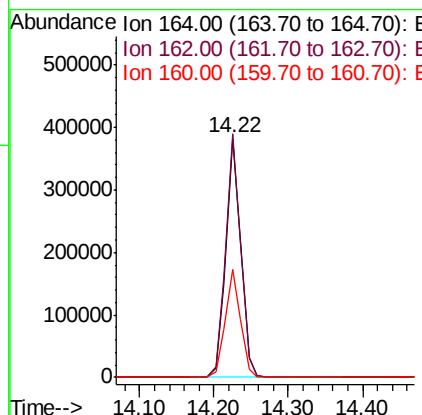
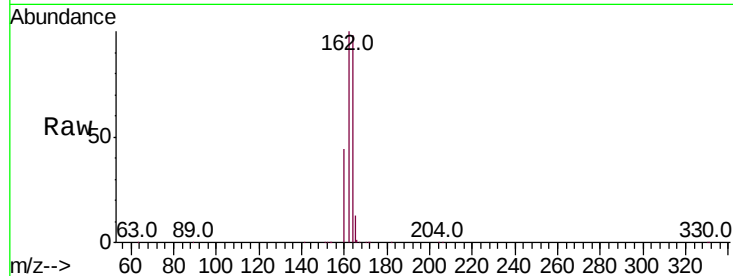
ClientSampleId :

FE-SB-35-(7-7.5)

Tot Ion:	164	Resp:	536363
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.6	121.0
160	45.2	36.5	54.7

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#14

2,4,6-Tribromophenol

Concen: 135.660 ng

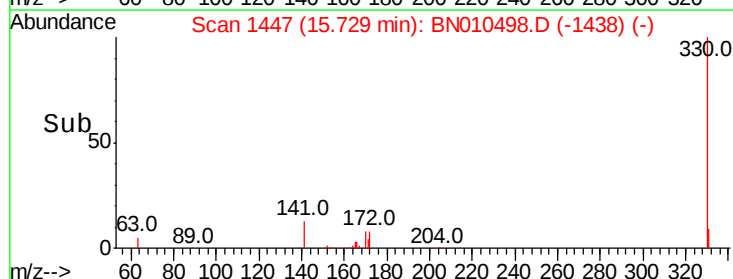
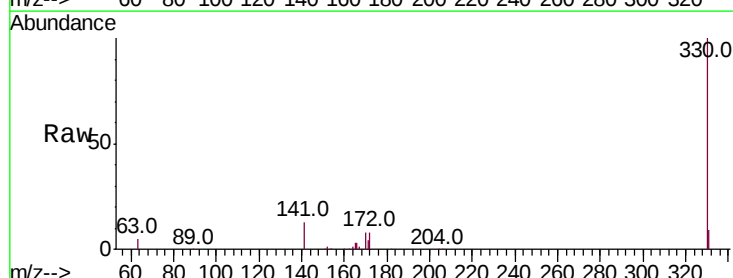
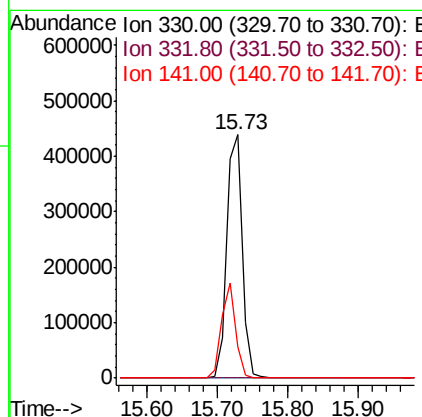
RT: 15.73 min Scan# 1447

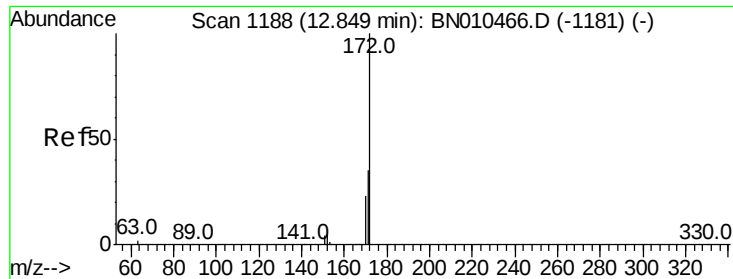
Delta R.T. 0.00 min

Lab File: BN010498.D

Acq: 15 Apr 2020 03:30

Tgt Ion:	330	Resp:	685930
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	35.5	28.1	42.1





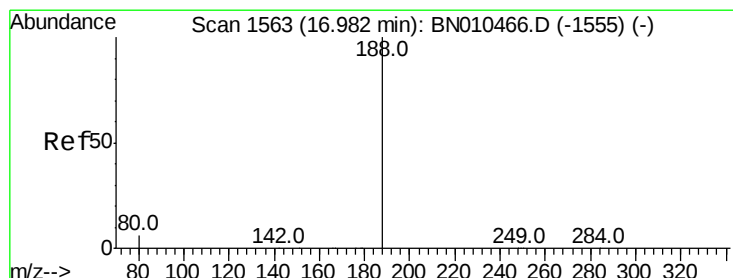
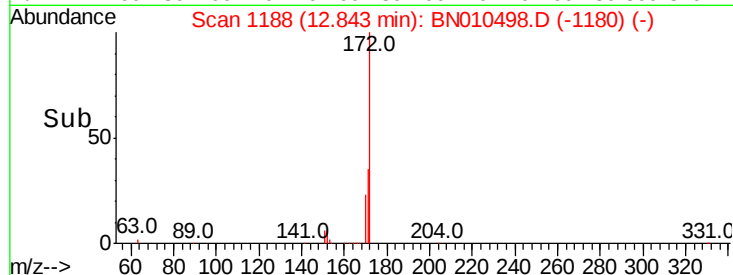
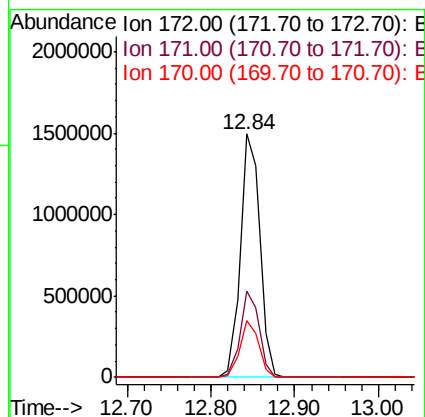
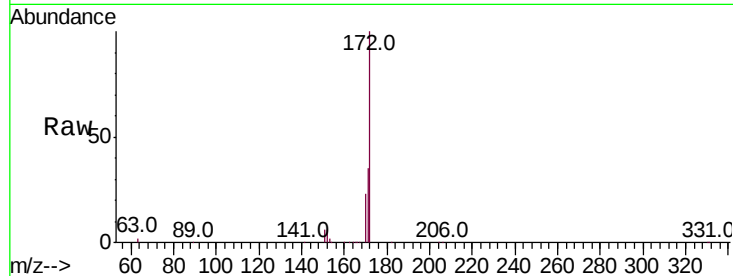
#15
2-Fluorobiphenyl
Concen: 61.866 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

Instrument :
BNA_N
ClientSampleId :
FE-SB-35-(7-7.5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.3	18.4	27.6

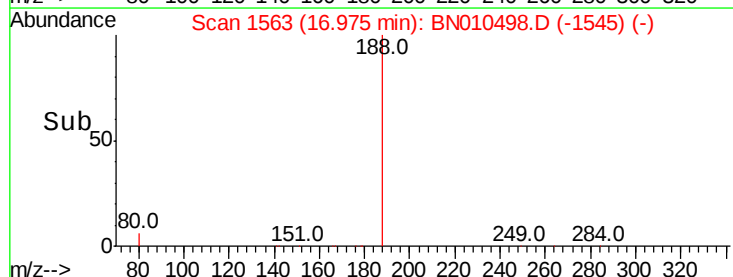
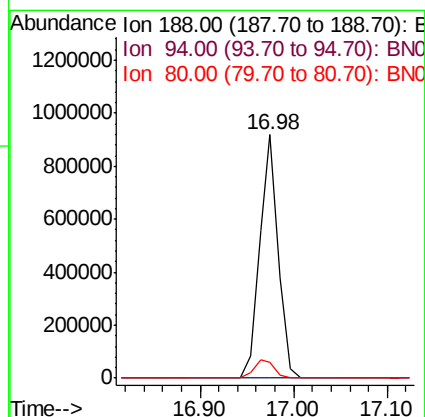
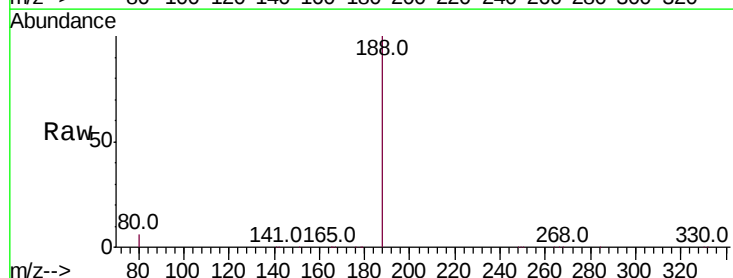
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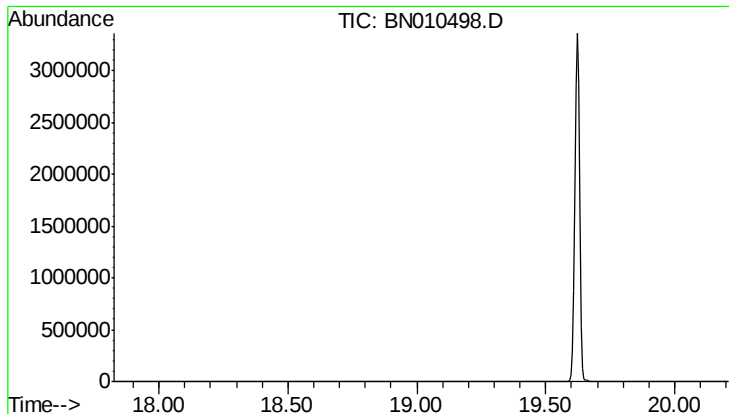
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#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010498.D
Acq: 15 Apr 2020 03:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	5.0	7.6





#25

Fluoranthene-d10

Concen: 0.000 ng

Expected RT: 19.02 min

Lab File: BN010498.D

Acq: 15 Apr 2020 03:30

Tot Ion: 212

Sig Exp Ratio

212 100

106 9.7

104 5.6

Instrument :

BNA_N

ClientSampleId :

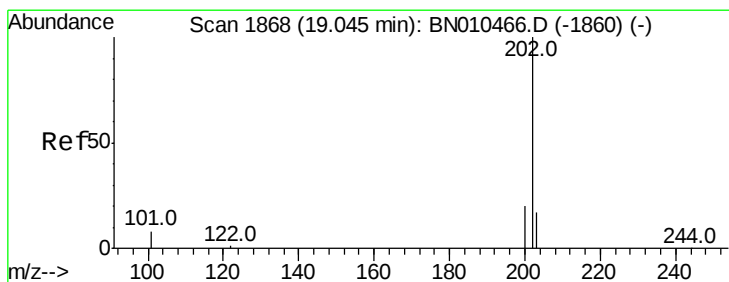
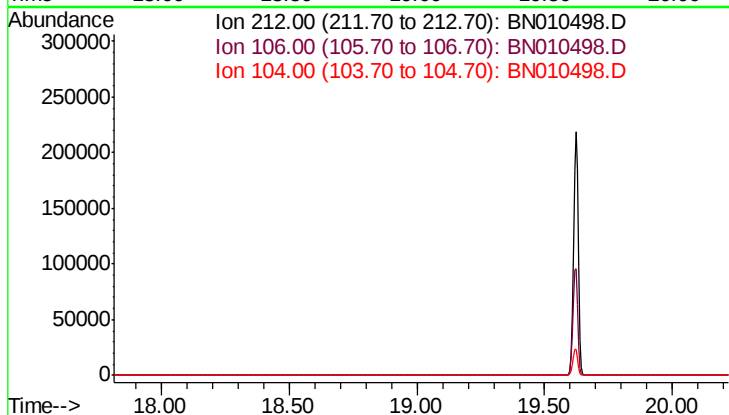
FE-SB-35-(7-7.5)

Manual Integrations

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#26

Fluoranthene

Concen: 0.024 ng

RT: 19.04 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN010498.D

Acq: 15 Apr 2020 03:30

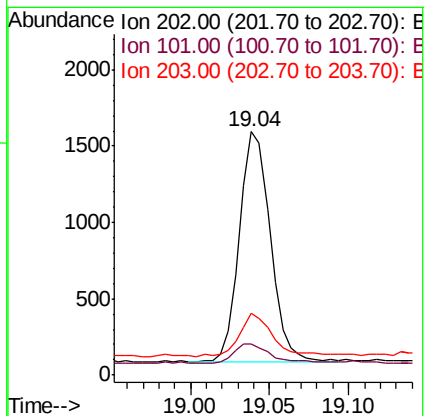
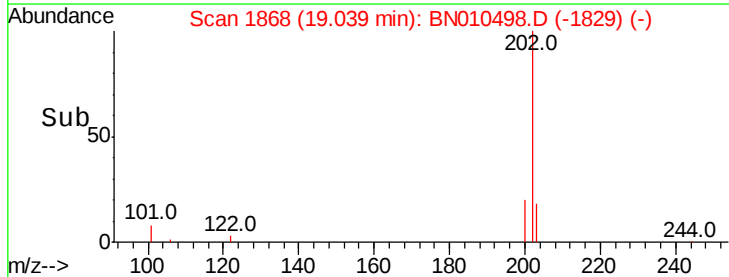
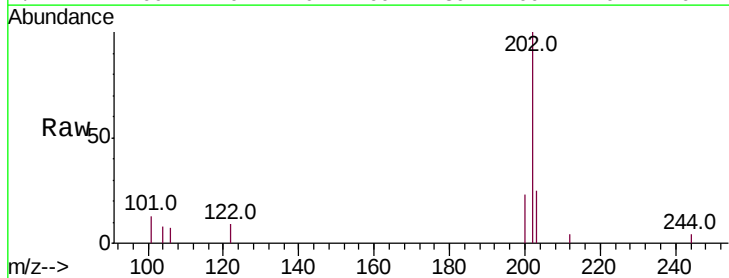
Tgt Ion: 202 Resp: 2059

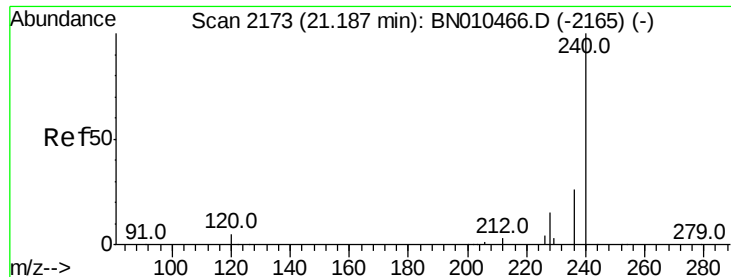
Ion Ratio Lower Upper

202 100

101 10.2 6.9 10.3

203 20.0 13.9 20.9





#27

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010498.D

Acq: 15 Apr 2020 03:30

Instrument :

BNA_N

ClientSampleId :

FE-SB-35-(7-7.5)

Tot Ion:240 Resp: 1400285

Ion Ratio Lower Upper

240 100

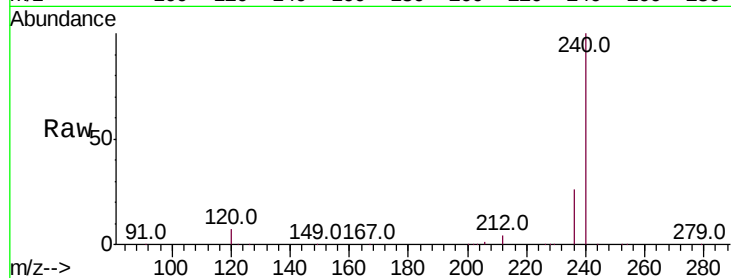
120 7.3 4.8 7.2#

236 25.9 21.4 32.0

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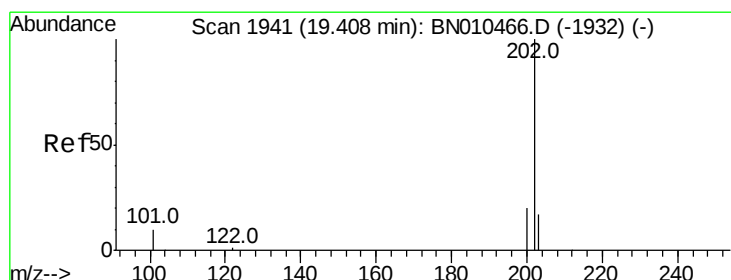
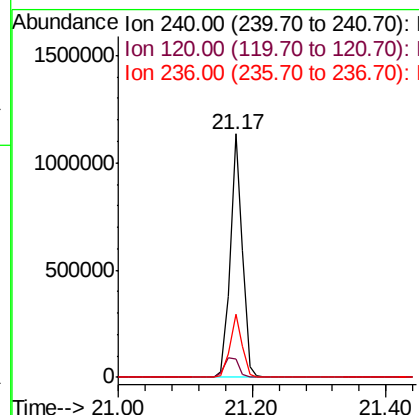
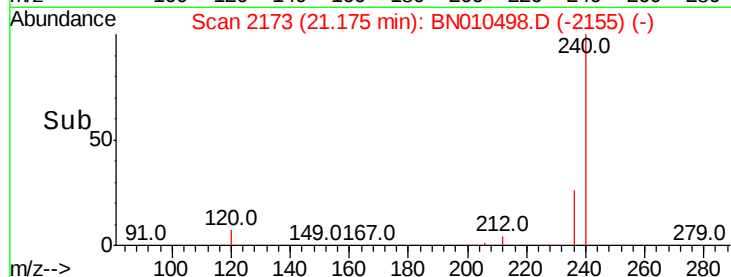
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.024 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BN010498.D

Acq: 15 Apr 2020 03:30

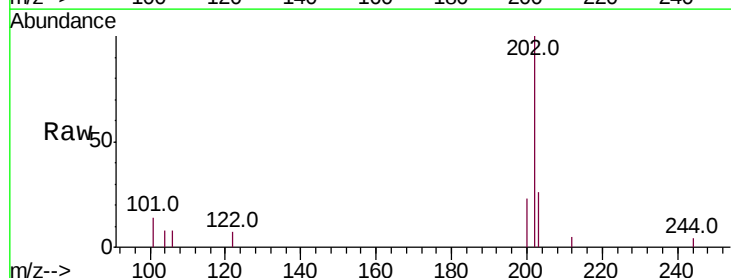
Tgt Ion:202 Resp: 2222

Ion Ratio Lower Upper

202 100

200 20.1 16.3 24.5

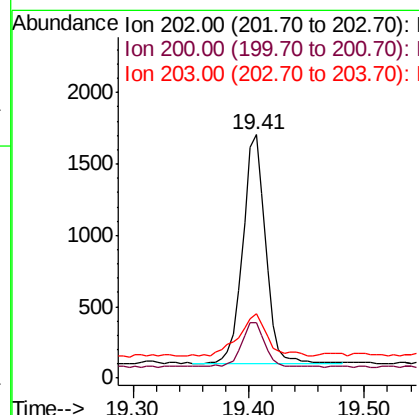
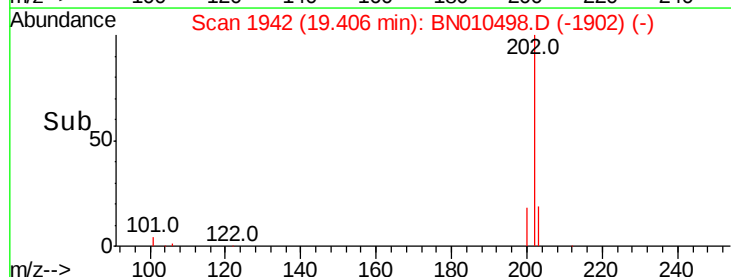
203 22.4 14.0 21.0#

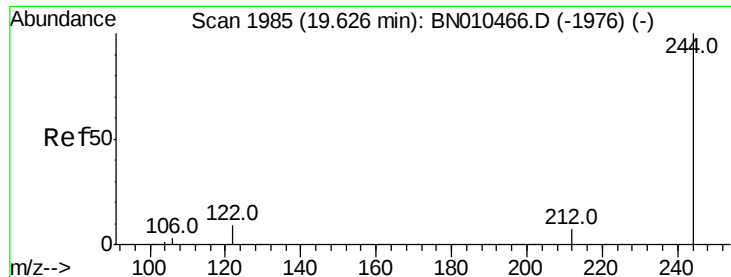


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





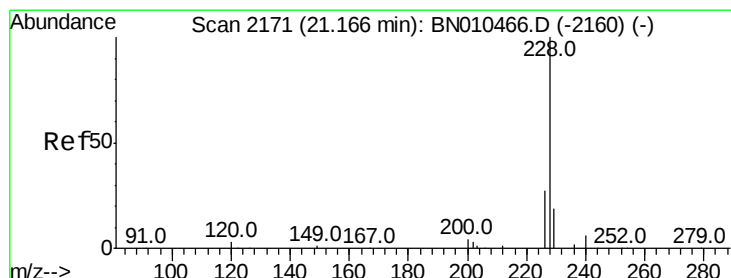
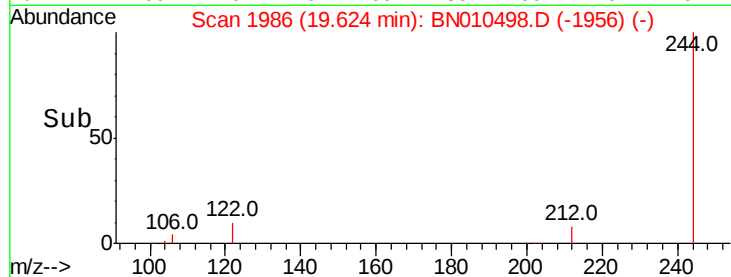
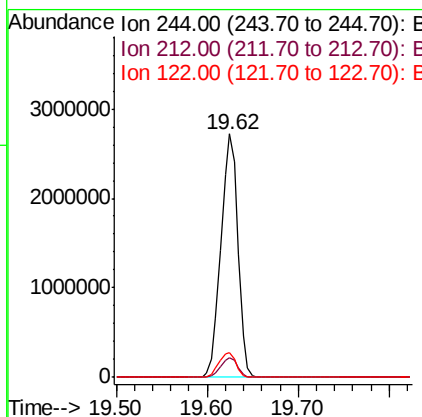
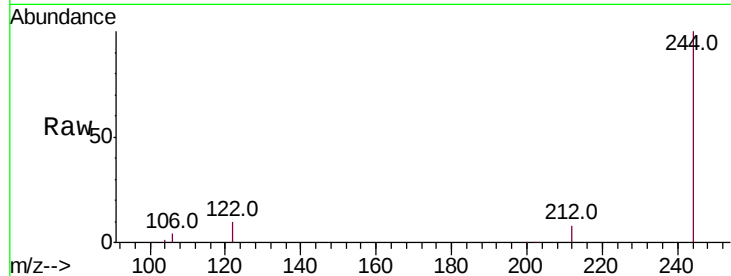
#29
 Terphenyl-d14
 Concen: 54.678 ng
 RT: 19.62 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BN010498.D
 Acq: 15 Apr 2020 03:30

Instrument :
 BNA_N
 ClientSampleId :
 FE-SB-35-(7-7.5)

Tot Ion:244 Resp: 3504669
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 10.4 7.8 11.8

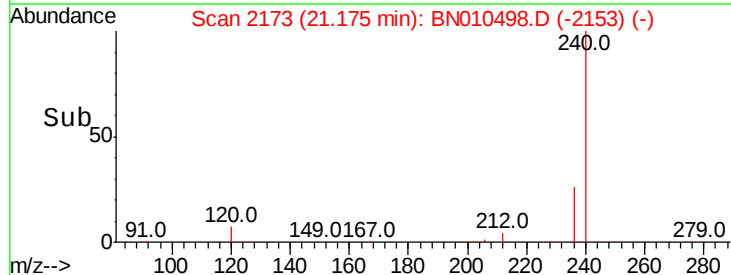
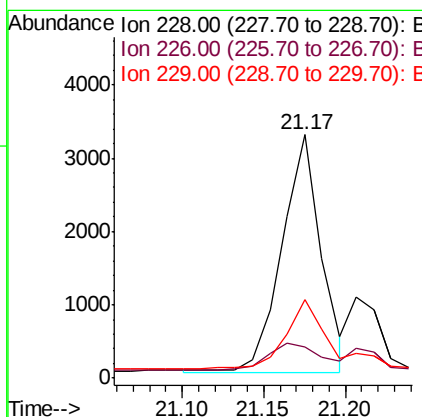
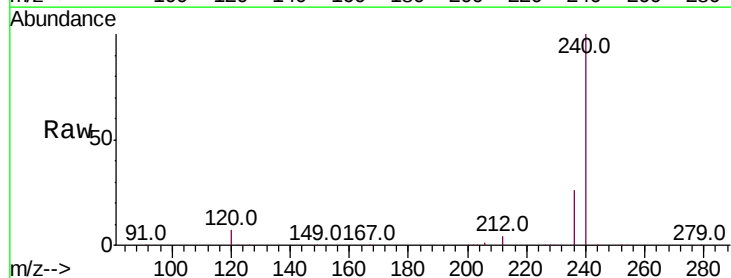
Manual Integrations
 APPROVED

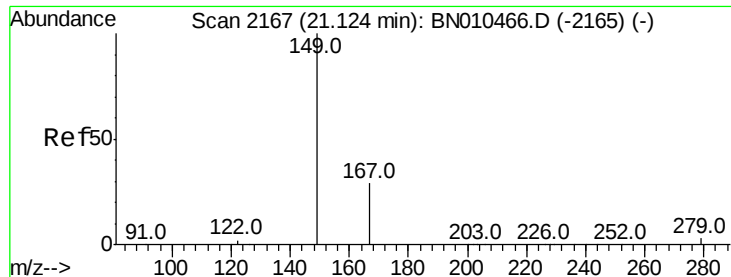
mohammad
 4/16/2020 12:51:59 PM



#30
 Benzo(a)anthracene
 Concen: 0.059 ng m
 RT: 21.17 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: BN010498.D
 Acq: 15 Apr 2020 03:30

Tgt Ion:228 Resp: 5413
 Ion Ratio Lower Upper
 228 100
 226 12.8 21.7 32.5#
 229 32.1 15.6 23.4#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.040 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BN010498.D

Acq: 15 Apr 2020 03:30

Instrument :

BNA_N

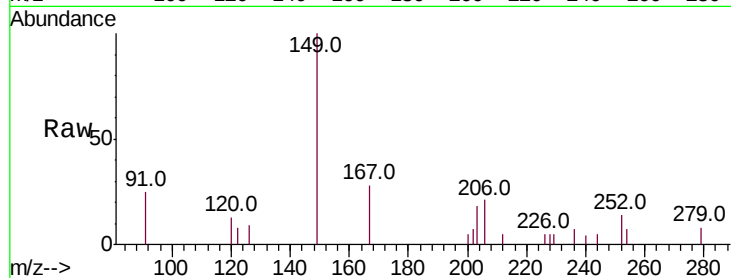
ClientSampleId :

FE-SB-35-(7-7.5)

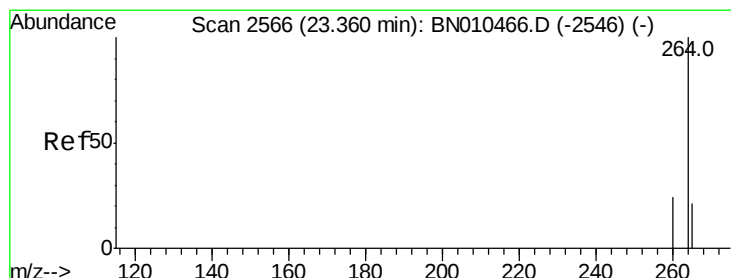
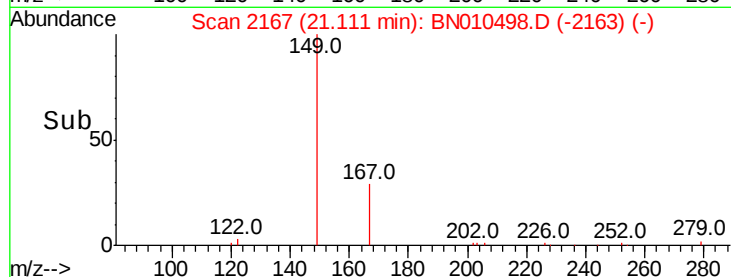
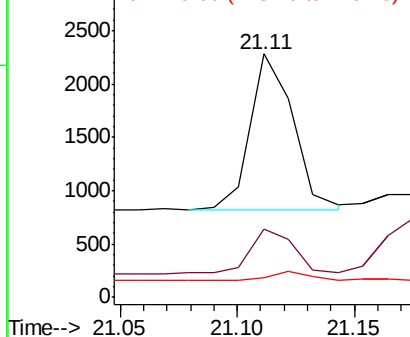
Tot Ion:	149	Resp:	1873
Ion Ratio	Lower	Upper	
149	100		
167	26.7	23.4	35.0
279	6.3	4.0	6.0#

Manual Integrations
APPROVED

mohammad
4/16/2020 12:51:59 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# 2564

Delta R.T. -0.01 min

Lab File: BN010498.D

Acq: 15 Apr 2020 03:30

Tgt Ion:	264	Resp:	1198800
Ion Ratio	Lower	Upper	
264	100		
260	24.2	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

