Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010273.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1945-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE104D2-20200312

Manual Integrations APPROVED
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3/19/2020 2:43:10 PM

Quant Time: Mar 19 01:34:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3898	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13673	0.40	ng		-0.01
13) Acenaphthene-d10	14.24	164	8423	0.40	ng		-0.02
19) Phenanthrene-d10	16.98	188	21424	0.40	ng		-0.01
27) Chrysene-d12	21.19	240	22446	0.40	ng		0.00
34) Perylene-d12	23.35	264	24384	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	1346	0.15	ng		0.00
5) Phenol-d6	6.81	99	1094	0.10	ng		0.00
8) Nitrobenzene-d5	8.76	82	5362	0.65	ng		-0.01
11) 2-Methylnaphthalene-d10	11.97	152	7152	0.32	ng		-0.02
14) 2,4,6-Tribromophenol	15.74	330	1010	0.33	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	21415	0.71	ng		-0.02
25) Fluoranthene-d10	19.02	212	21272	0.32	ng		-0.01
29) Terphenyl-d14	19.63	244	28315	0.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	6929	1.822	ng	#	51
6) bis(2-Chloroethyl)ether	7.06	93	2021	0.212	ng		95
22) Pentachlorophenol	16.64	266	141	0.038	ng		94
23) Phenanthrene	17.02	178	1156	0.020	ng	#	94
32) Bis(2-ethylhexyl)phthalate	21.13	149	1485m	0.046	ng		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010273.D
Acq On : 18 Mar 2020 20:57
Operator : CG/JU
Sample : L1945-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 01:34:48 2020
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Instrument :
BNA_N
ClientSampleId :
RE104D2-20200312

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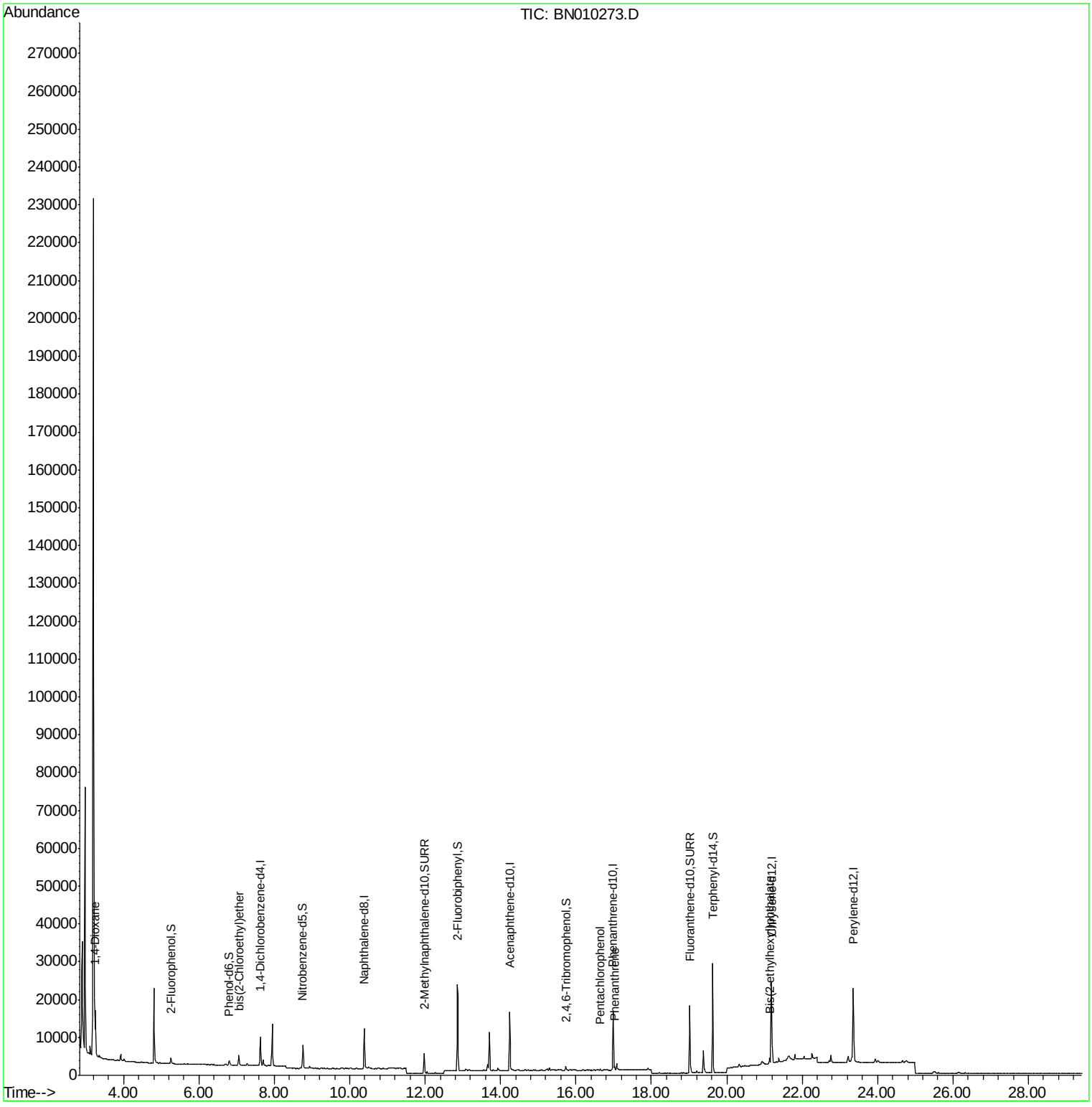
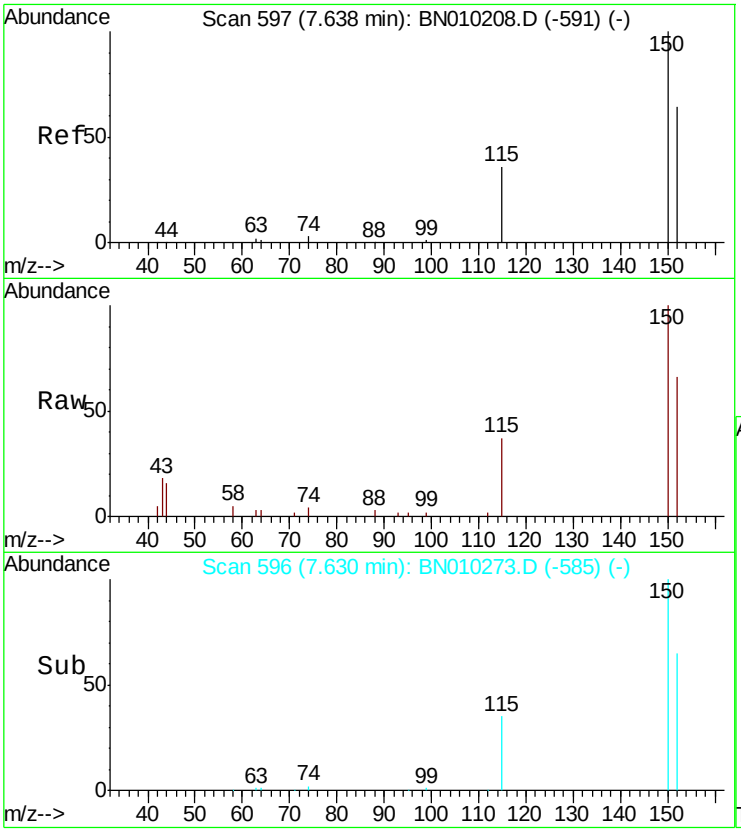
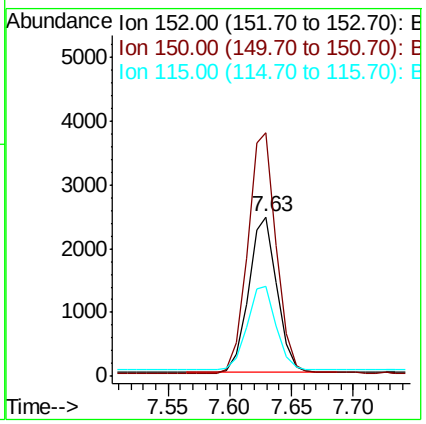




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:152 Resp: 3898

Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.5	179.3
115	56.7	50.9	76.3



Instrument :
BNA_N
ClientSampleId :
RE104D2-20200312

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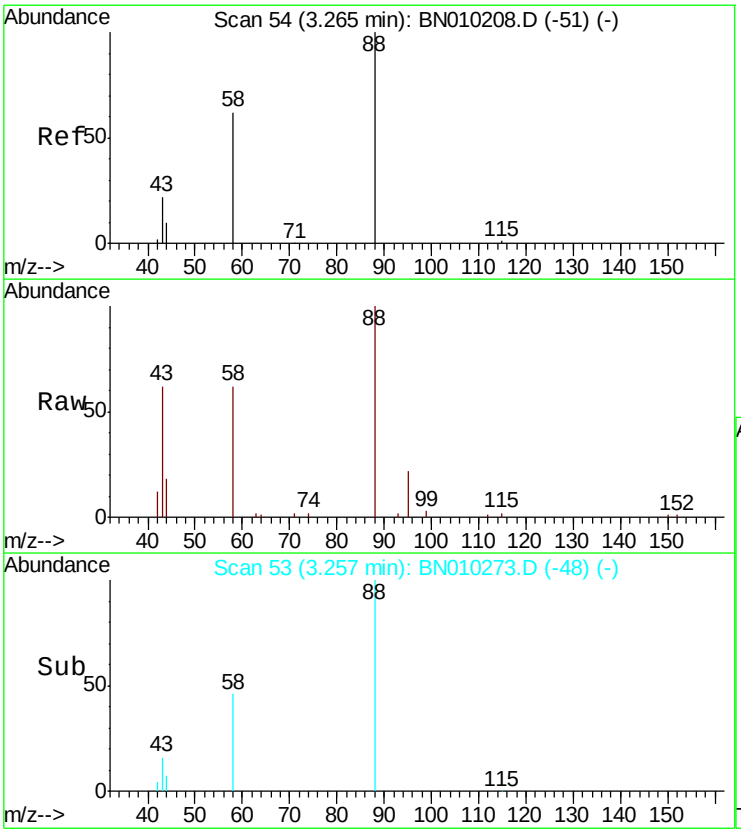
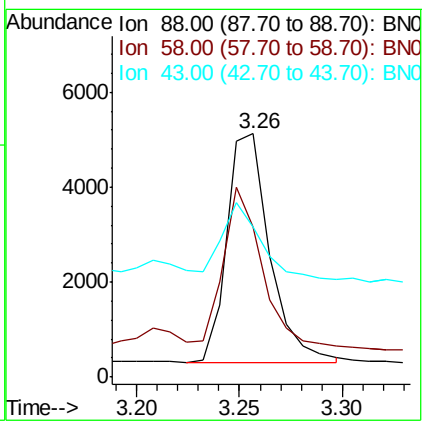
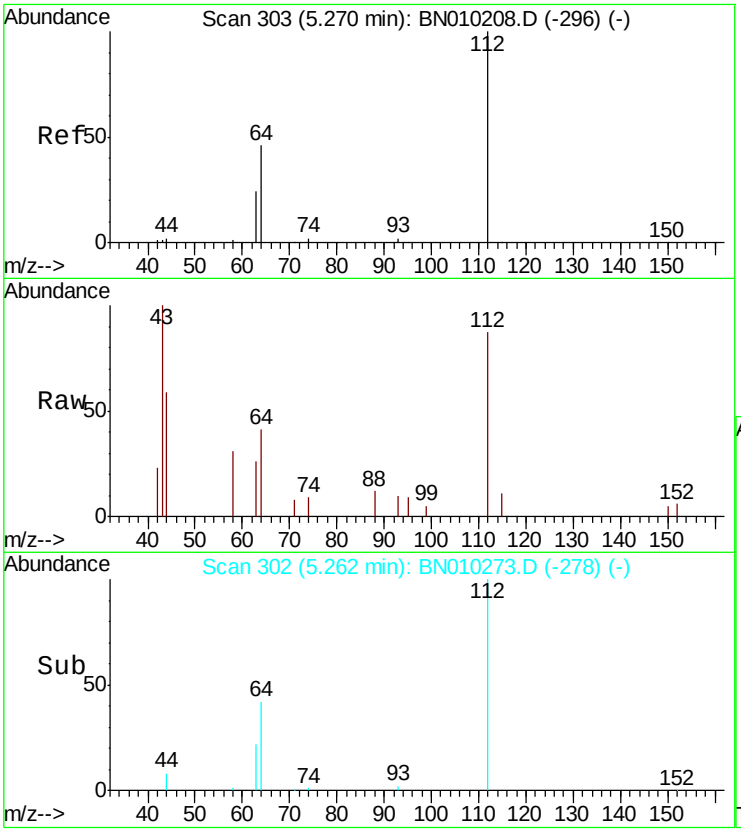


#2
1,4-Dioxane
Concen: 1.822 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion: 88 Resp: 6929

Ion	Ratio	Lower	Upper
88	100		
58	61.4	97.8	146.8#
43	29.8	45.1	67.7#

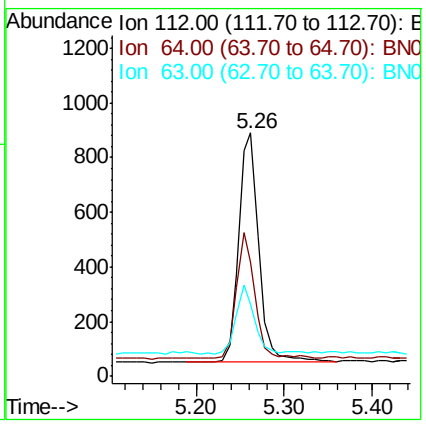




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:112 Resp: 1346

Ion	Ratio	Lower	Upper
112	100		
64	50.7	42.6	63.8
63	26.7	23.6	35.4



Instrument :
BNA_N
ClientSampleId :
RE104D2-20200312

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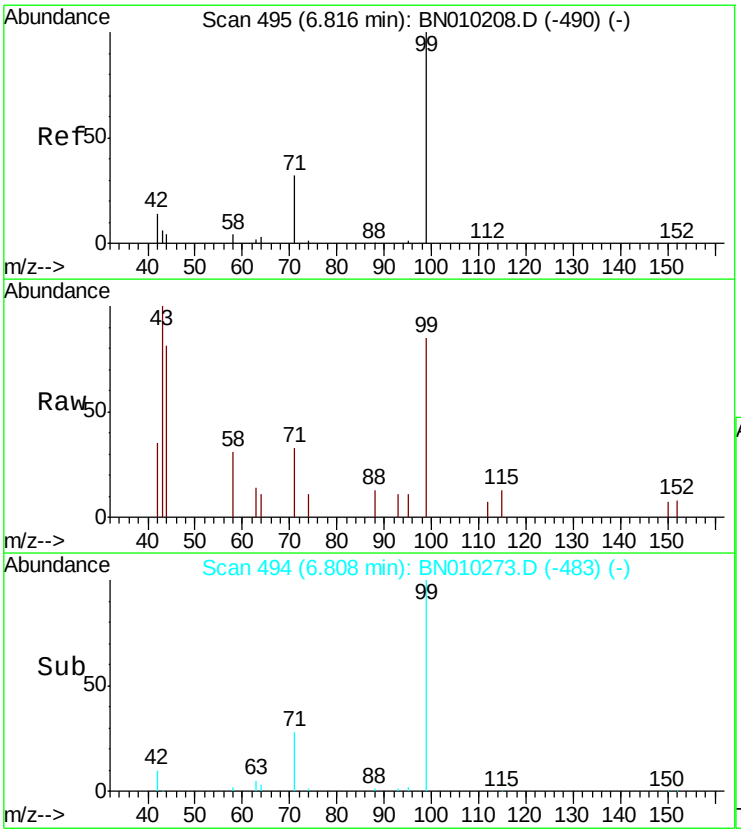
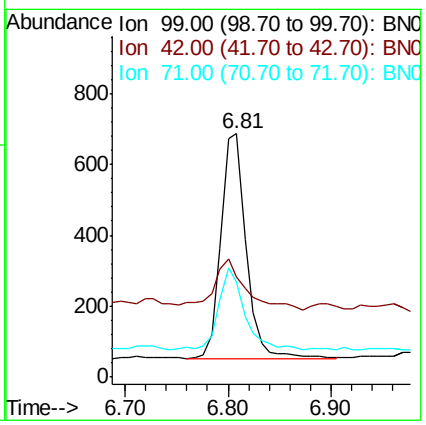
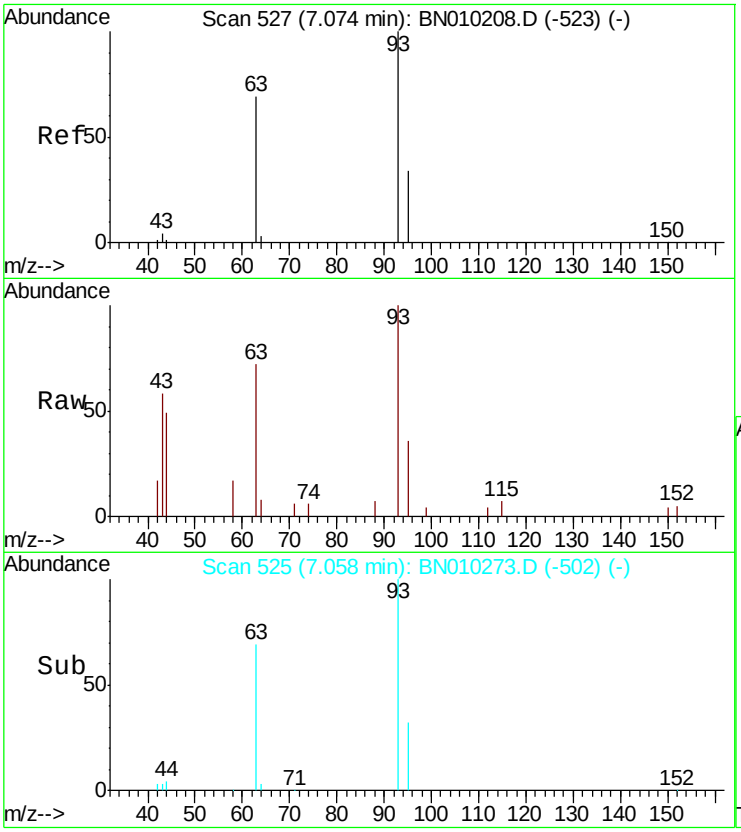


#5
Phenol-d6
Concen: 0.096 ng
RT: 6.81 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion: 99 Resp: 1094

Ion	Ratio	Lower	Upper
99	100		
42	29.1	12.0	18.0#
71	37.6	22.6	33.8#

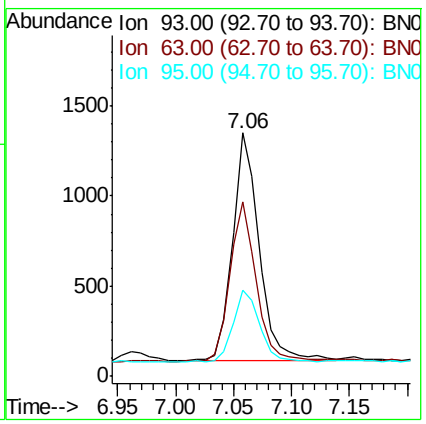




#6
bis(2-Chloroethyl)ether
Concen: 0.212 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.02 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion: 93 Resp: 2021

Ion	Ratio	Lower	Upper
93	100		
63	71.0	53.4	80.0
95	32.6	28.6	42.8



Instrument :
BNA_N
ClientSampleId :
RE104D2-20200312

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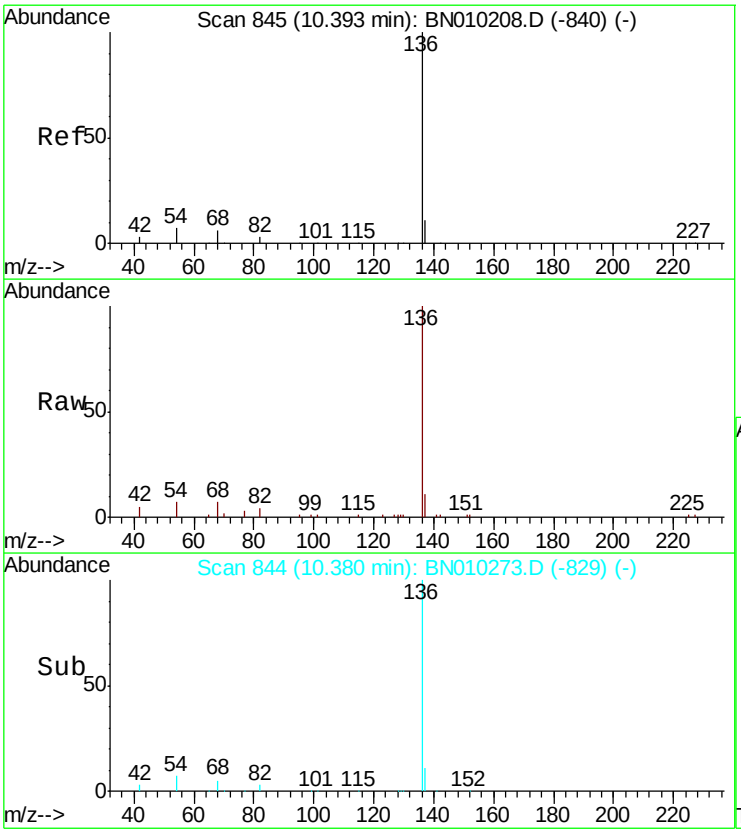
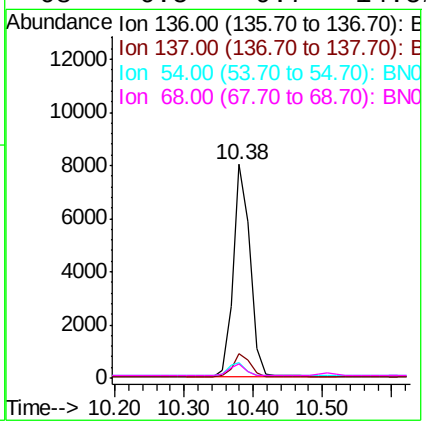
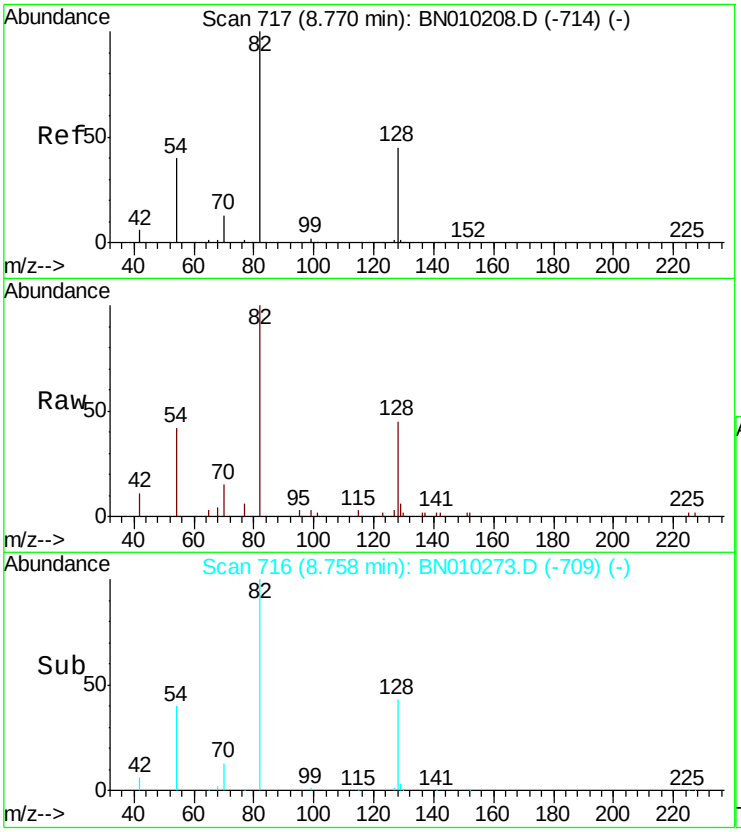


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:136 Resp: 13673

Ion	Ratio	Lower	Upper
136	100		
137	11.5	10.6	15.8
54	7.5	9.5	14.3#
68	6.5	9.7	14.5#

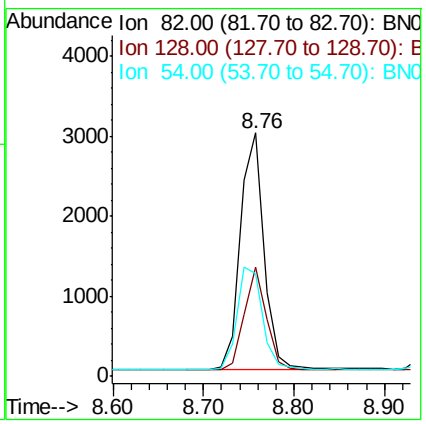




#8
Nitrobenzene-d5
Concen: 0.654 ng
RT: 8.76 min Scan# 716
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion: 82 Resp: 5362

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.6
54	42.0	37.0	55.4



Instrument :
BNA_N
ClientSampleId :
RE104D2-20200312

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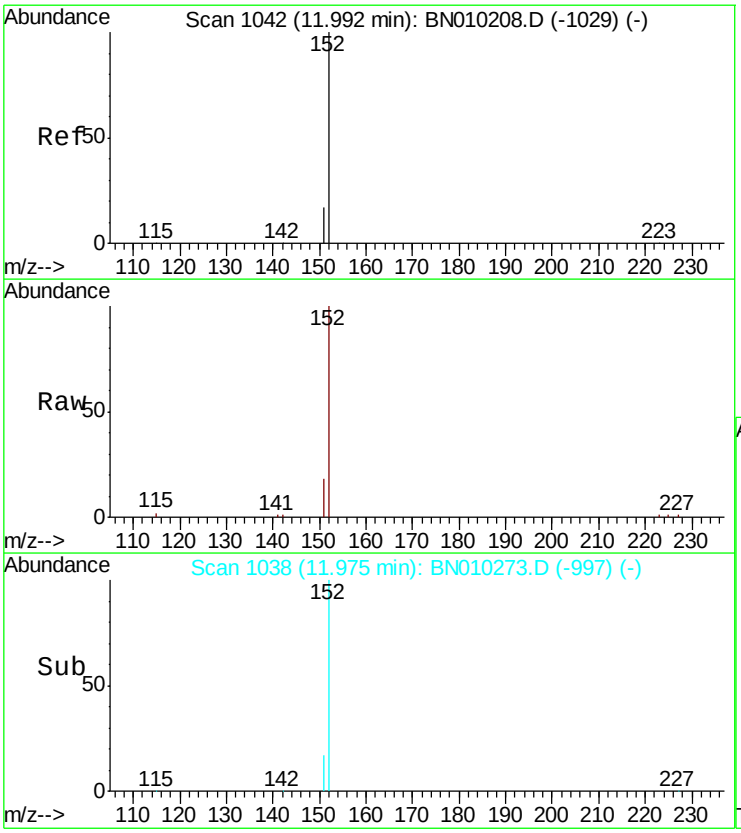
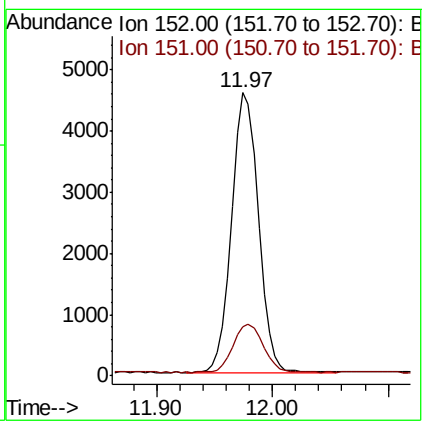
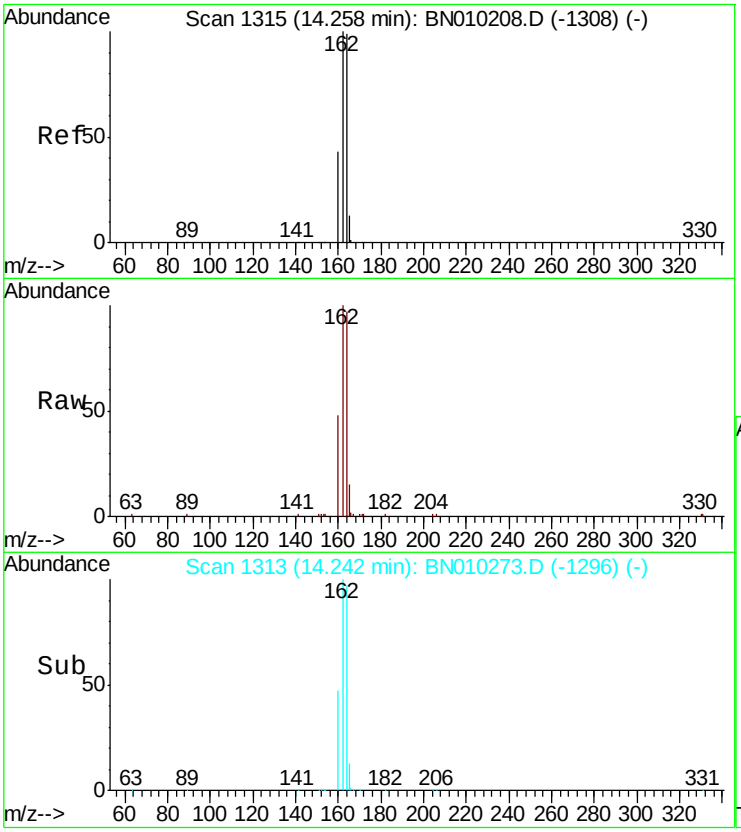


#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:152 Resp: 7152

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.6

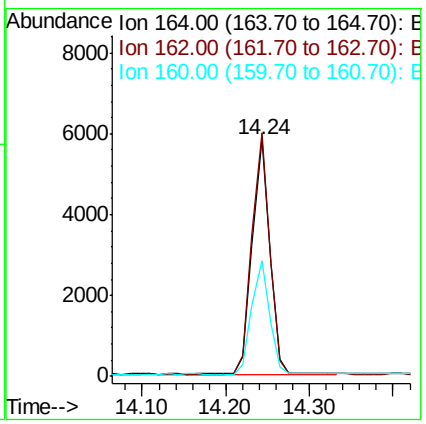




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:164 Resp: 8423

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.0	121.4
160	49.0	35.6	53.4



Instrument :
BNA_N
ClientSampleId :
RE104D2-20200312

Manual Integrations APPROVED
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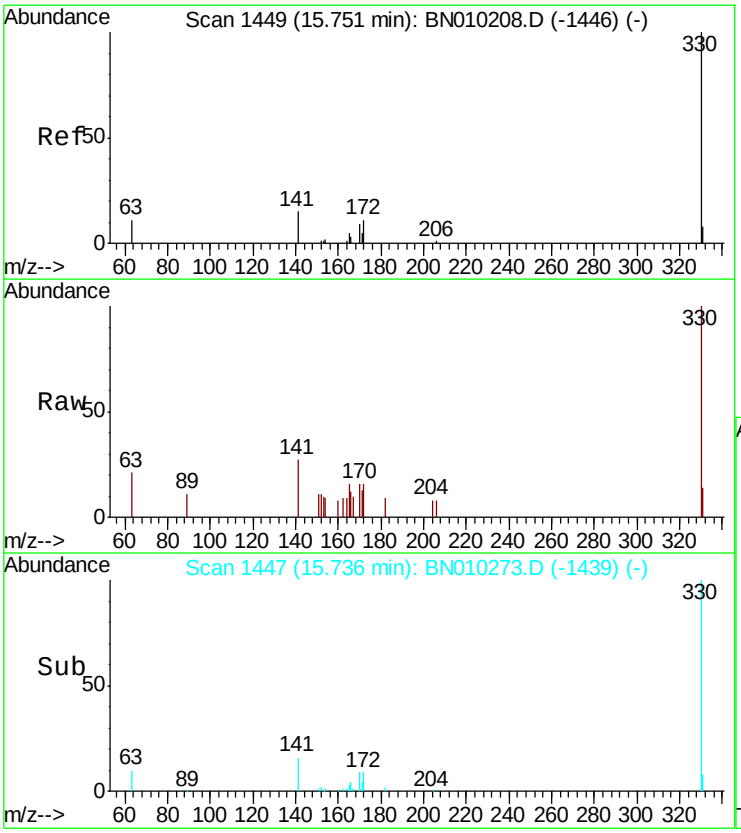
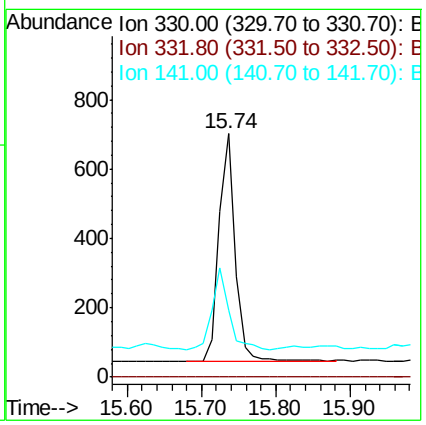
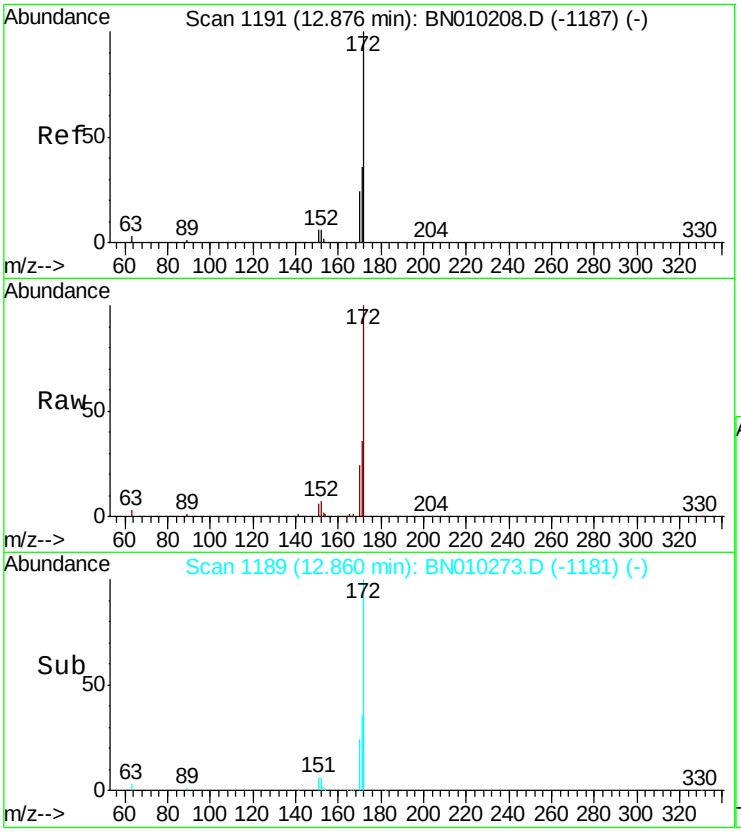


#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 15.74 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:330 Resp: 1010

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.2	25.1	37.7

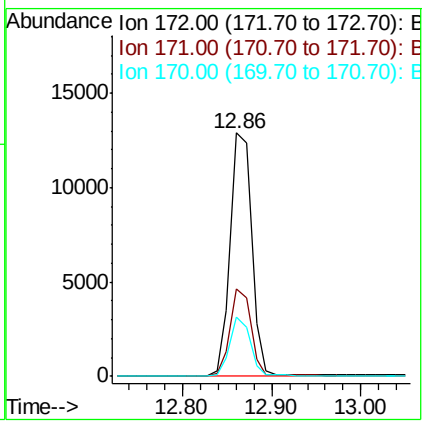




#15
2-Fluorobiphenyl
Concen: 0.714 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:172 Resp: 21415

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.2
170	24.2	20.2	30.4



Instrument :
BNA_N
ClientSampleId :
RE104D2-20200312

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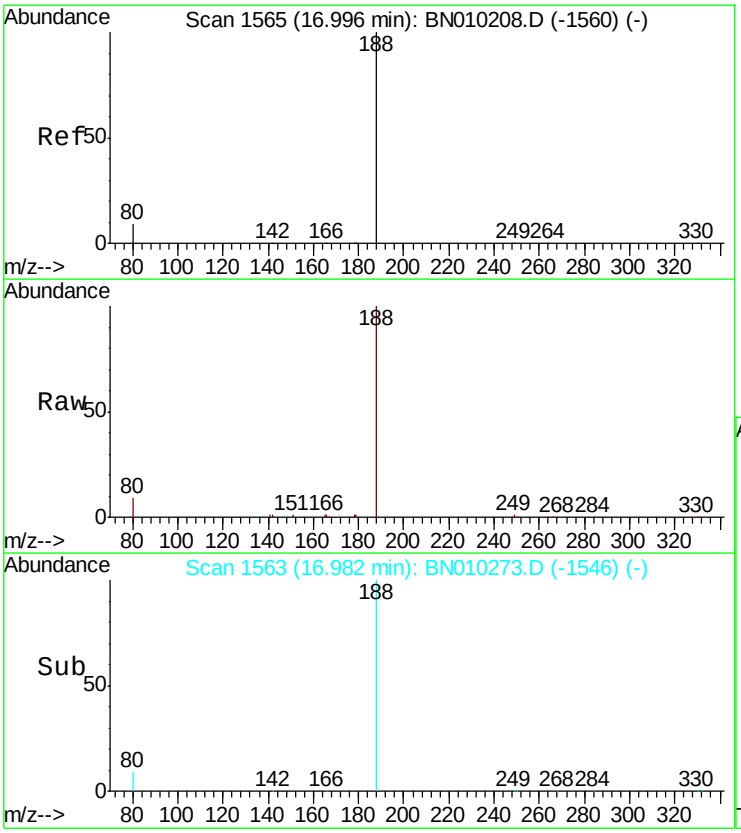
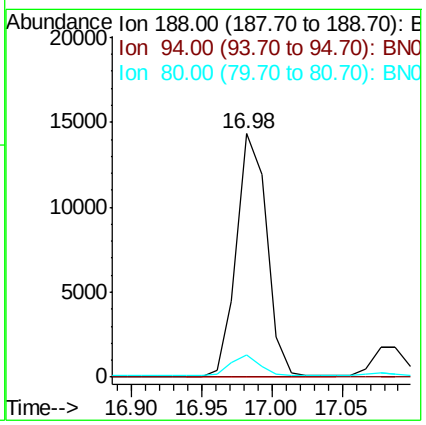
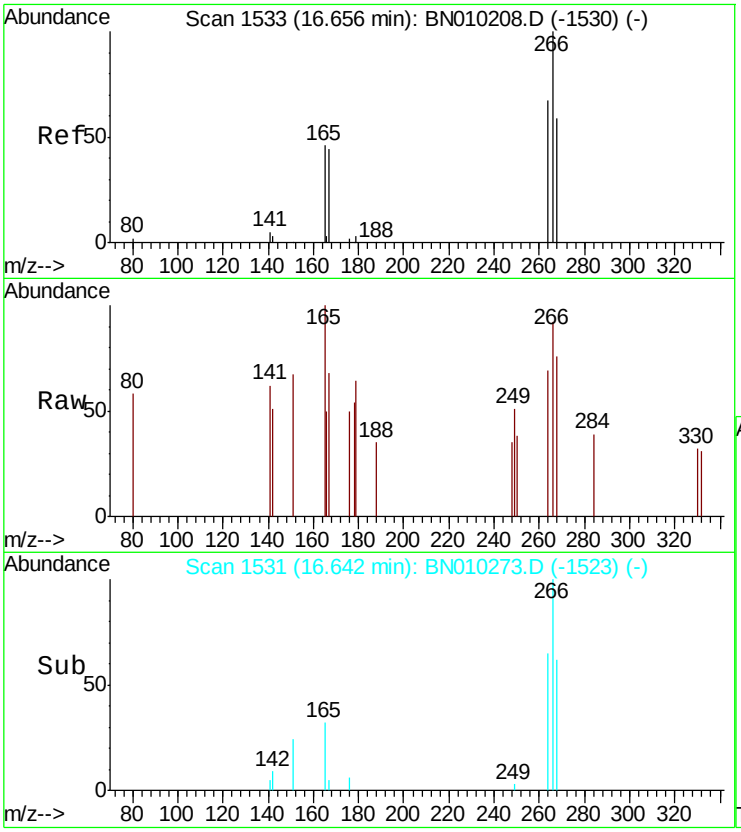


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:188 Resp: 21424

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	8.6	12.8

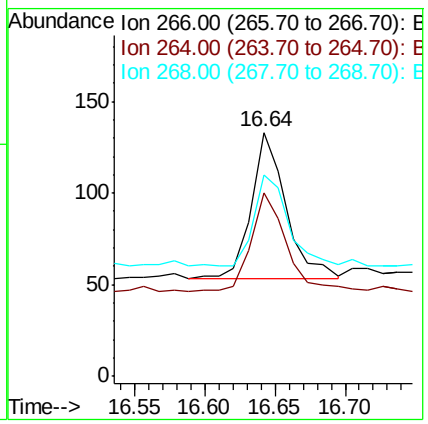




#22
Pentachlorophenol
Concen: 0.038 ng
RT: 16.64 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:266 Resp: 141

Ion	Ratio	Lower	Upper
266	100		
264	75.2	56.2	84.2
268	82.7	61.4	92.2



Instrument :
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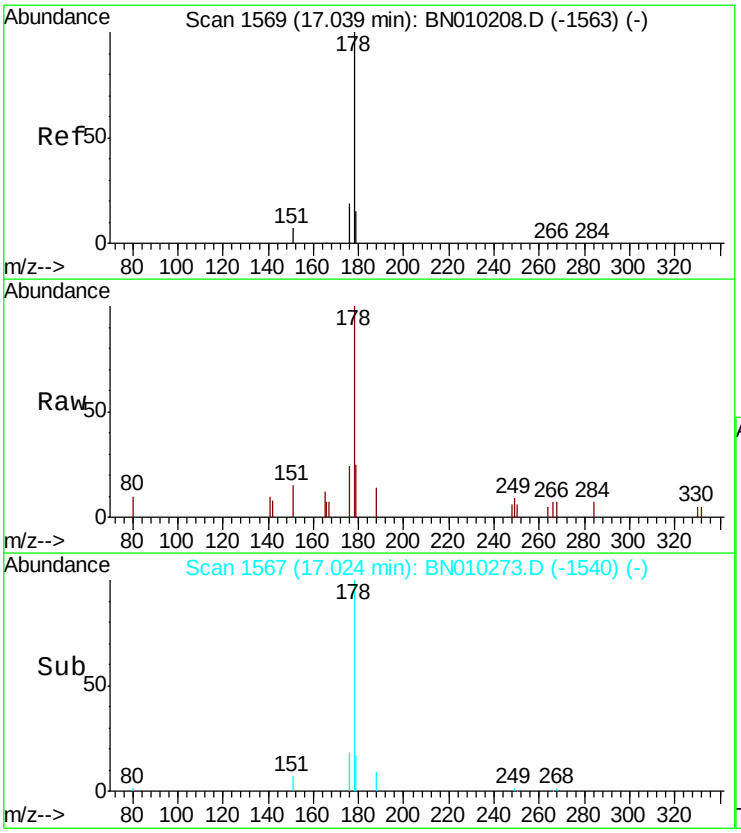
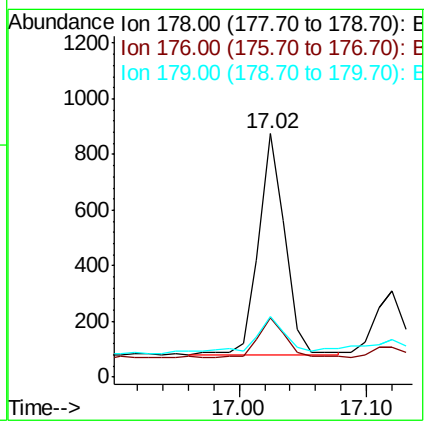
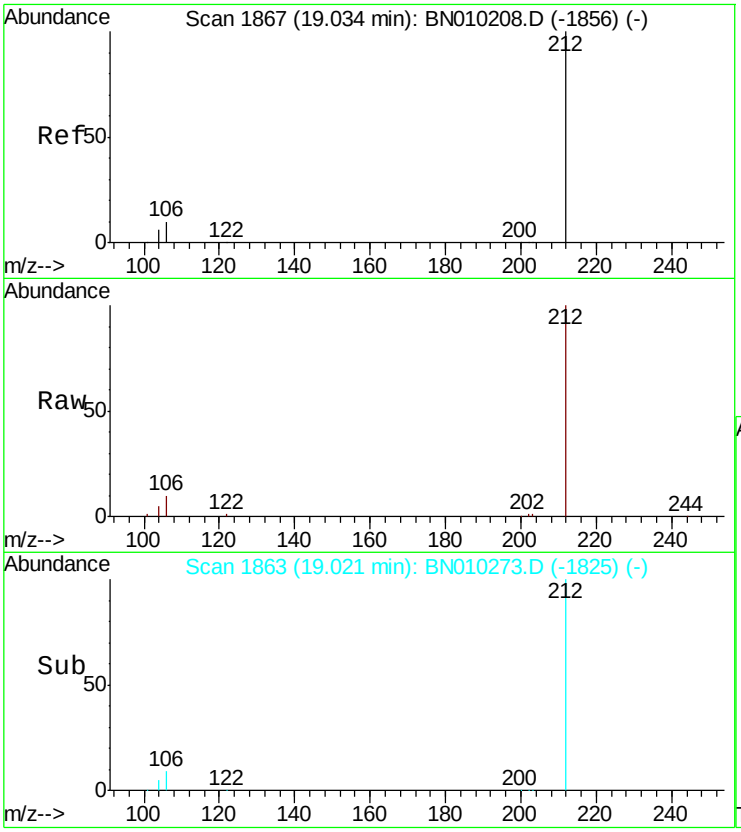


#23
Phenanthrene
Concen: 0.020 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:178 Resp: 1156

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	20.8	12.5	18.7#





#25
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.02 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:212 Resp: 21272

Ion	Ratio	Lower	Upper
212	100		
106	9.6	8.1	12.1
104	5.4	4.7	7.1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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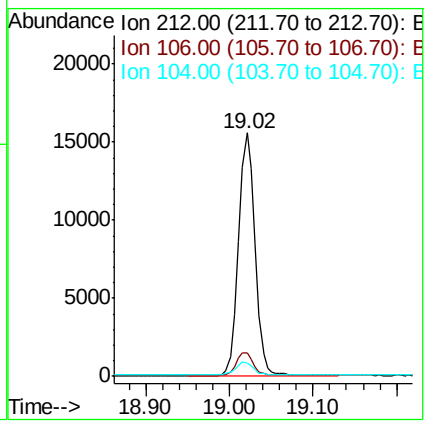
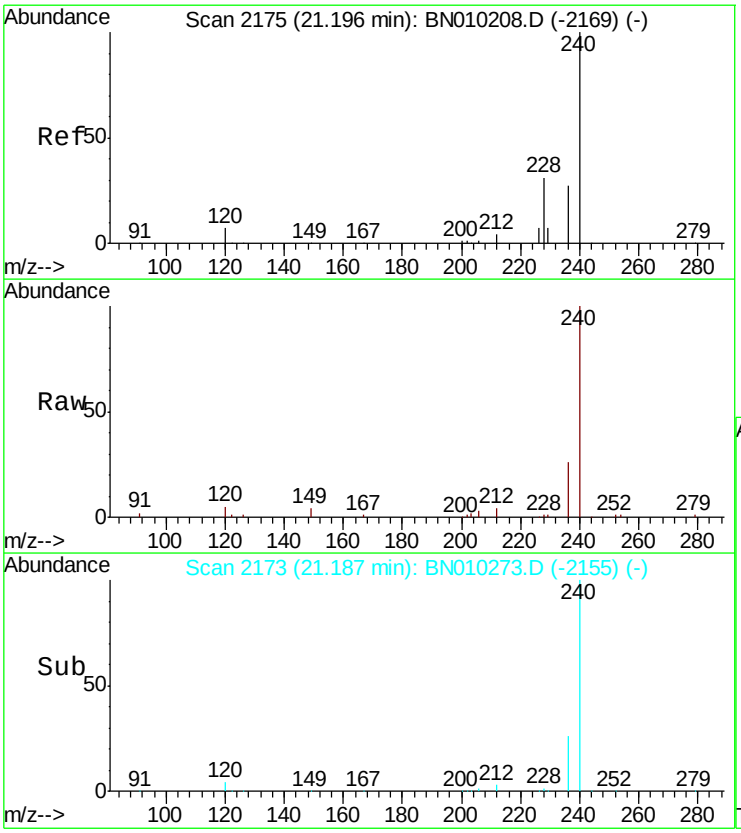
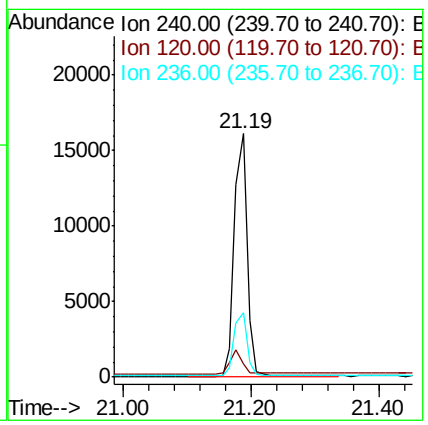


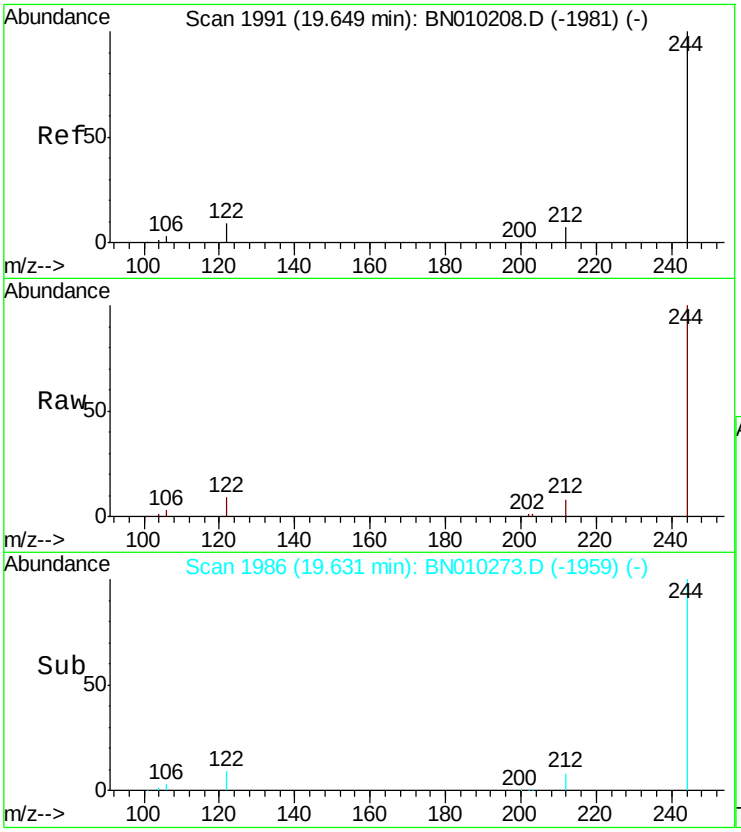


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:240 Resp: 22446

Ion	Ratio	Lower	Upper
240	100		
120	5.3	7.7	11.5#
236	26.3	21.8	32.6

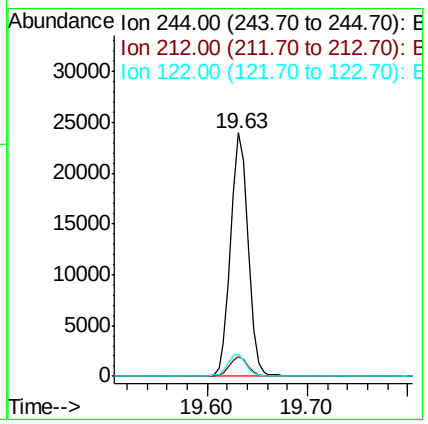




#29
Terphenyl-d14
Concen: 0.553 ng
RT: 19.63 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:244 Resp: 28315

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.4	9.6
122	9.1	8.1	12.1



Instrument :
BNA_N
ClientSampleId :
RE104D2-20200312

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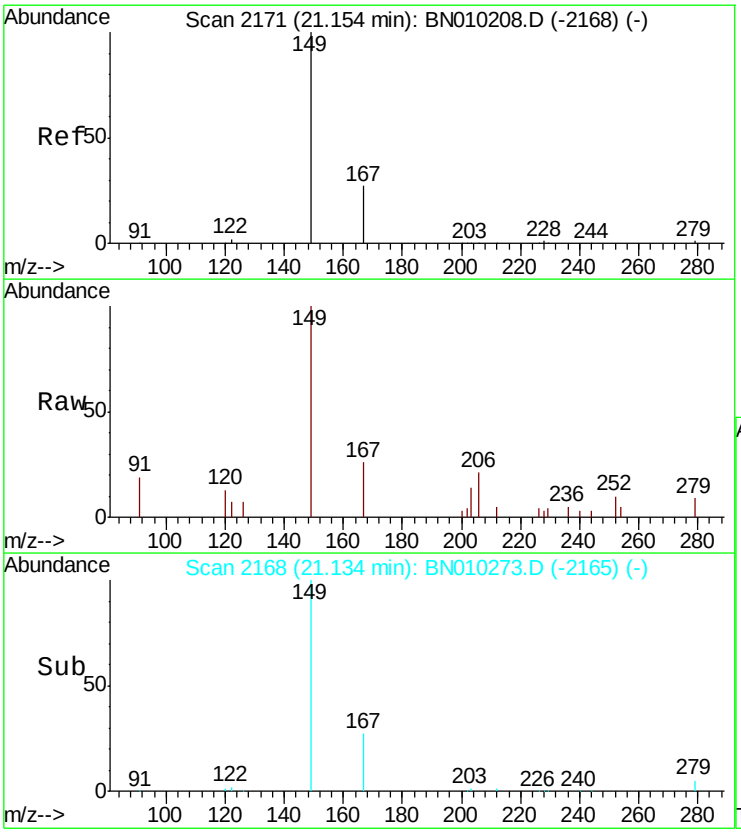
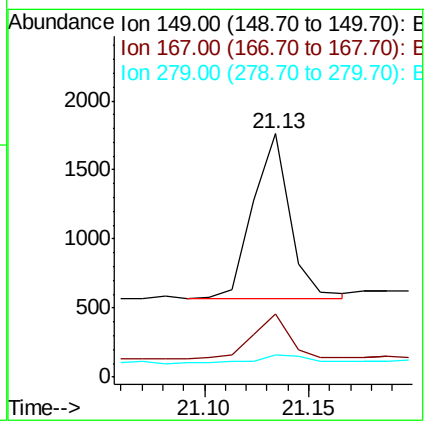
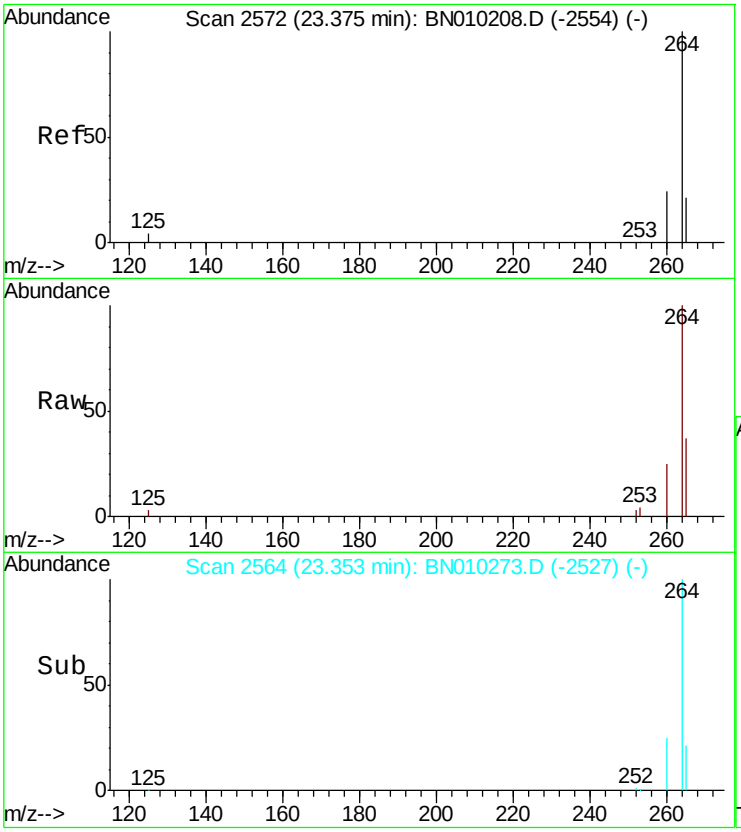


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.046 ng m
RT: 21.13 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:149 Resp: 1485

Ion	Ratio	Lower	Upper
149	100		
167	22.8	21.0	31.4
279	4.4	3.1	4.7

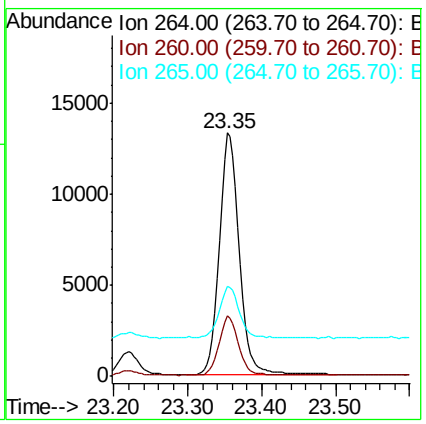




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2564
Delta R.T. -0.02 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:264 Resp: 24384

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	37.0	25.8	38.6



Instrument :
BNA_N
ClientSampleId :
RE104D2-20200312

Manual Integrations APPROVED
mohammad
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