Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010897.D
Acq On : 16 Jun 2020 08:35
Operator : CG/JU
Sample : L2989-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : REDUP01-20200608

Quant Time: Jun 16 09:56:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2665	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	9434	0.40	ng		-0.01
13) Acenaphthene-d10	14.17	164	5687	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	11613	0.40	ng		-0.01
27) Chrysene-d12	21.12	240	9968	0.40	ng		-0.01
34) Perylene-d12	23.27	264	10078	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	733	0.14	ng		0.00
5) Phenol-d6	6.74	99	532	0.09	ng		0.00
8) Nitrobenzene-d5	8.68	82	2128	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	3946	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	586	0.29	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	6944	0.31	ng		0.00
25) Fluoranthene-d10	18.95	212	10689	0.33	ng		0.00
29) Terphenyl-d14	19.57	244	10337	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	3563	1.365	ng		96
6) bis(2-Chloroethyl)ether	6.99	93	151	0.026	ng		95
9) Naphthalene	10.34	128	3674	0.155	ng		96
12) 2-Methylnaphthalene	11.96	142	13206	0.832	ng		98
17) Acenaphthene	14.22	154	573	0.036	ng	#	69
18) Fluorene	15.22	166	2120	0.103	ng	#	81
23) Phenanthrene	16.95	178	9909	0.312	ng		97
28) Pyrene	19.35	202	1032	0.031	ng	#	83
32) Bis(2-ethylhexyl)phthalate	21.07	149	1043	0.107	ng	#	91

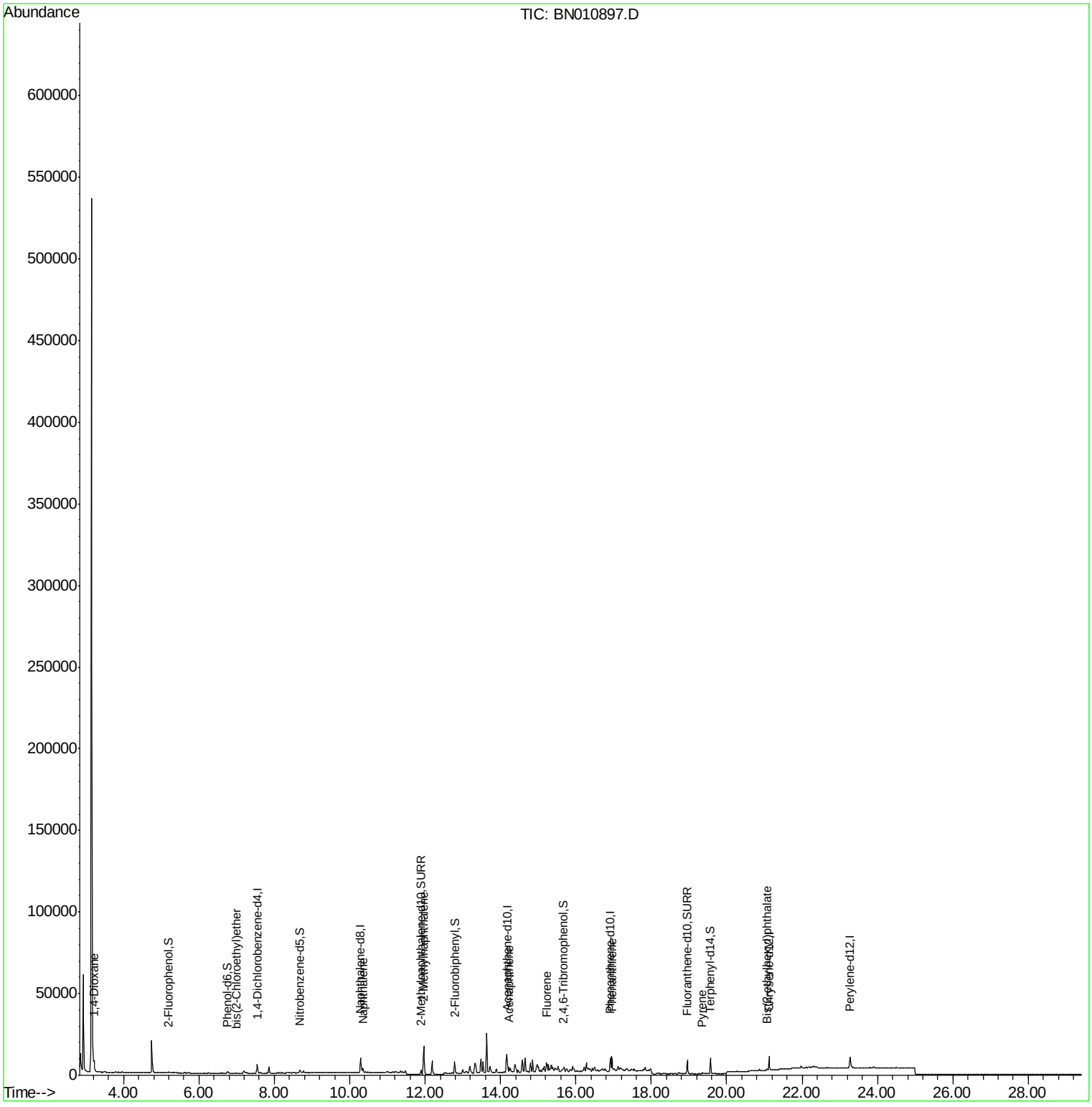
(#) = qualifier out of range (m) = manual integration (+) = signals summed

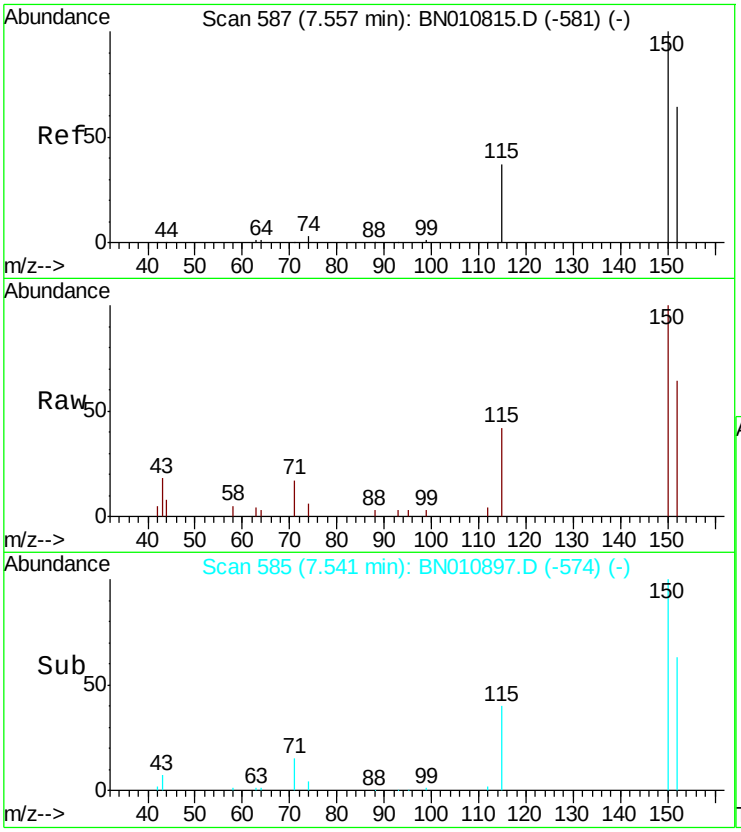
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010897.D
Acq On : 16 Jun 2020 08:35
Operator : CG/JU
Sample : L2989-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Quant Time: Jun 16 09:56:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration



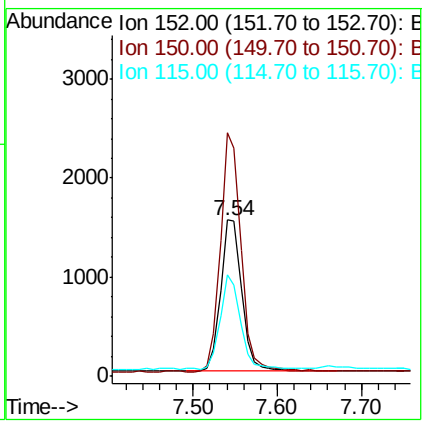


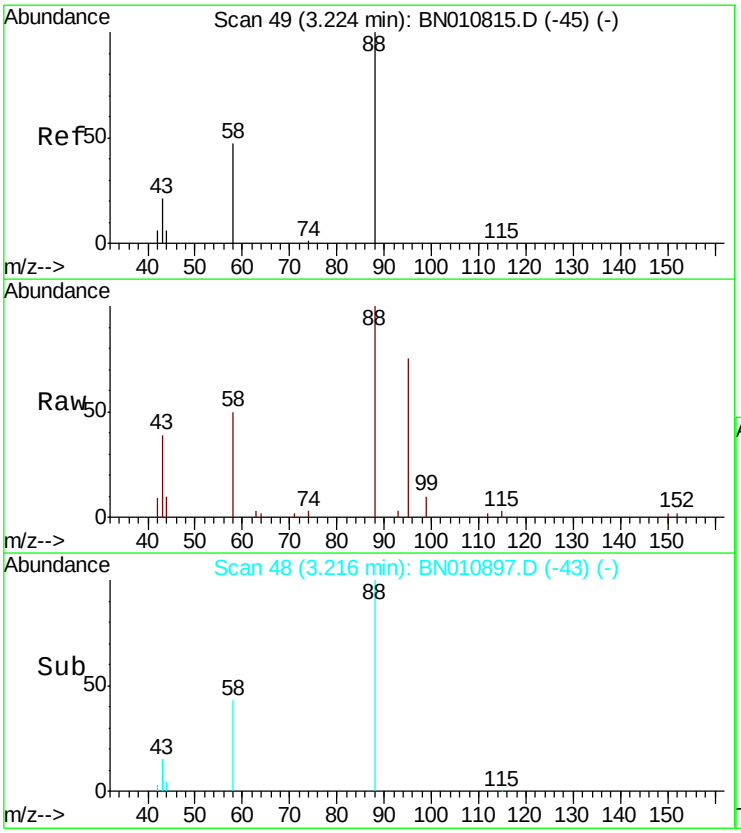
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Tgt Ion:152 Resp: 2665

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.8	185.6
115	65.2	49.2	73.8

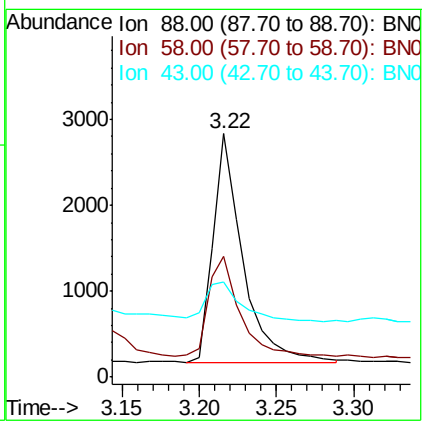


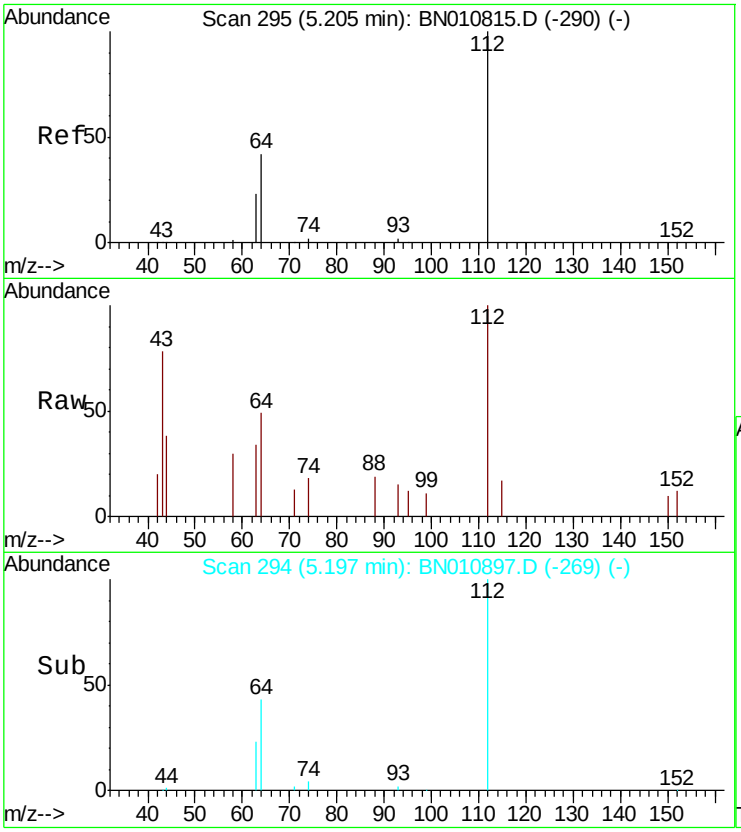


#2
1,4-Dioxane
Concen: 1.365 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Tgt Ion: 88 Resp: 3563

Ion	Ratio	Lower	Upper
88	100		
58	45.5	38.2	57.4
43	21.9	15.1	22.7



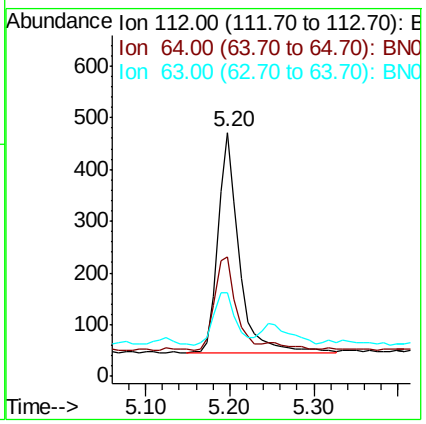


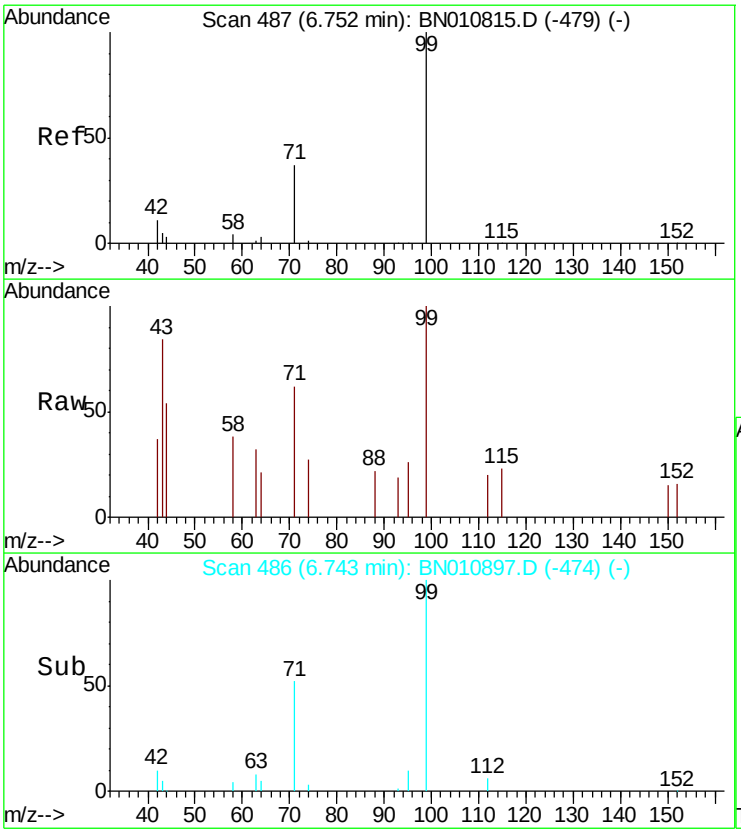
#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Tgt Ion:112 Resp: 733

Ion	Ratio	Lower	Upper
112	100		
64	43.1	37.4	56.0
63	25.4	22.2	33.4

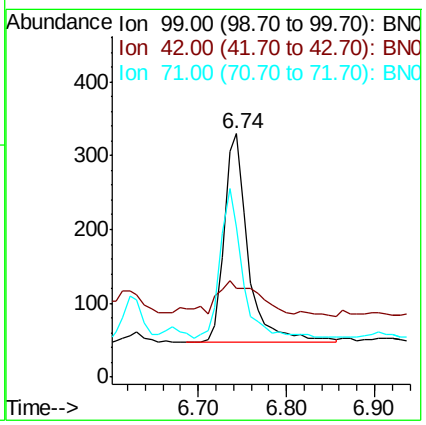


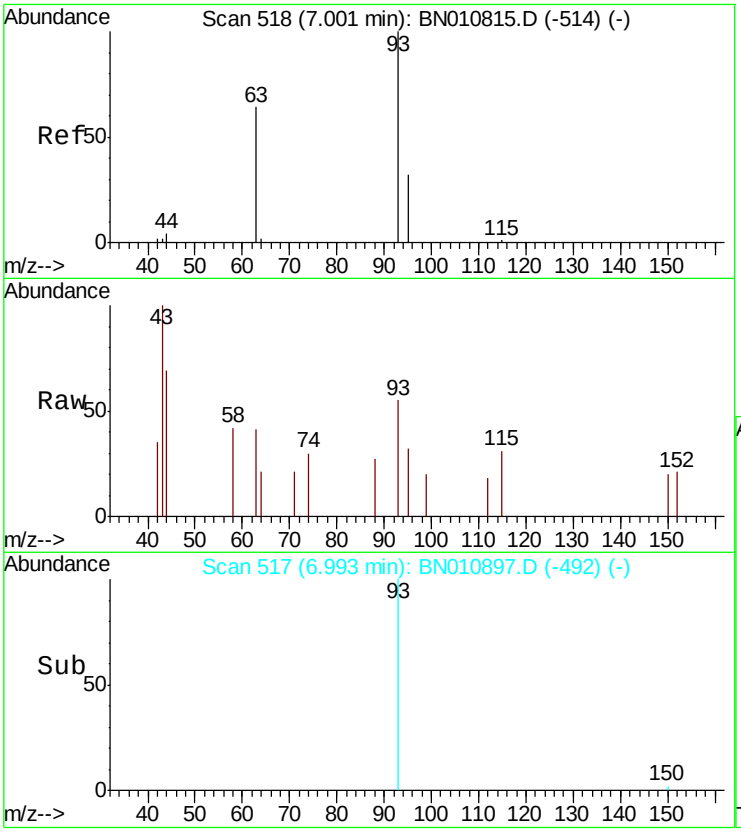


#5
Phenol-d6
Concen: 0.088 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.00 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Tgt Ion: 99 Resp: 532

Ion	Ratio	Lower	Upper
99	100		
42	25.2	11.1	16.7#
71	66.0	31.4	47.2#



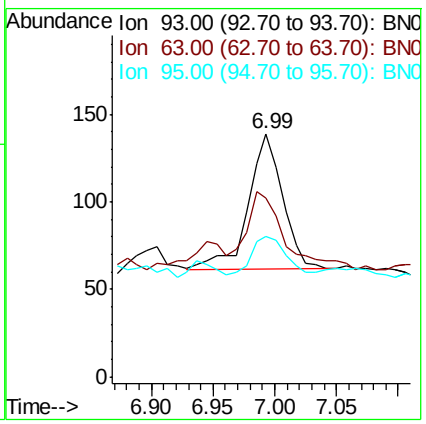


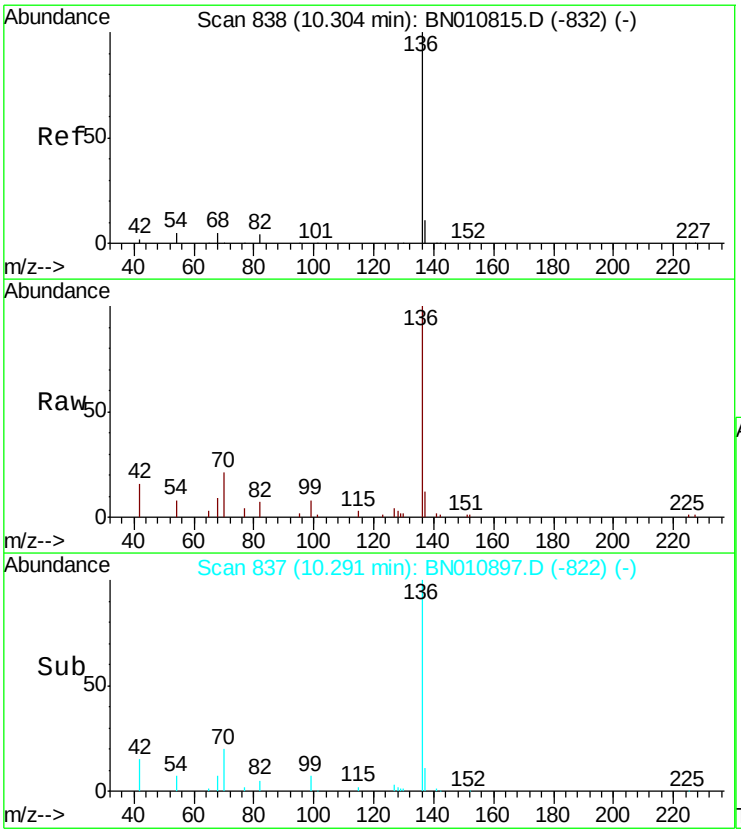
#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 6.99 min Scan# 517
Delta R.T. -0.00 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Tgt Ion: 93 Resp: 151

Ion	Ratio	Lower	Upper
93	100		
63	66.9	49.4	74.2
95	32.5	26.7	40.1

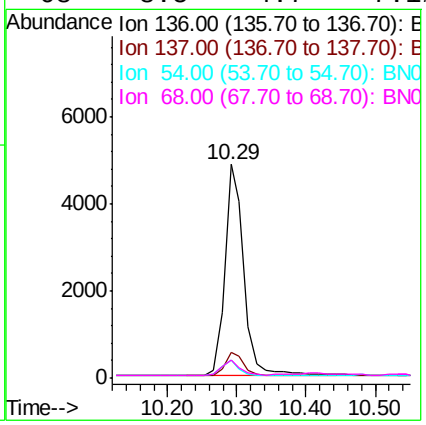


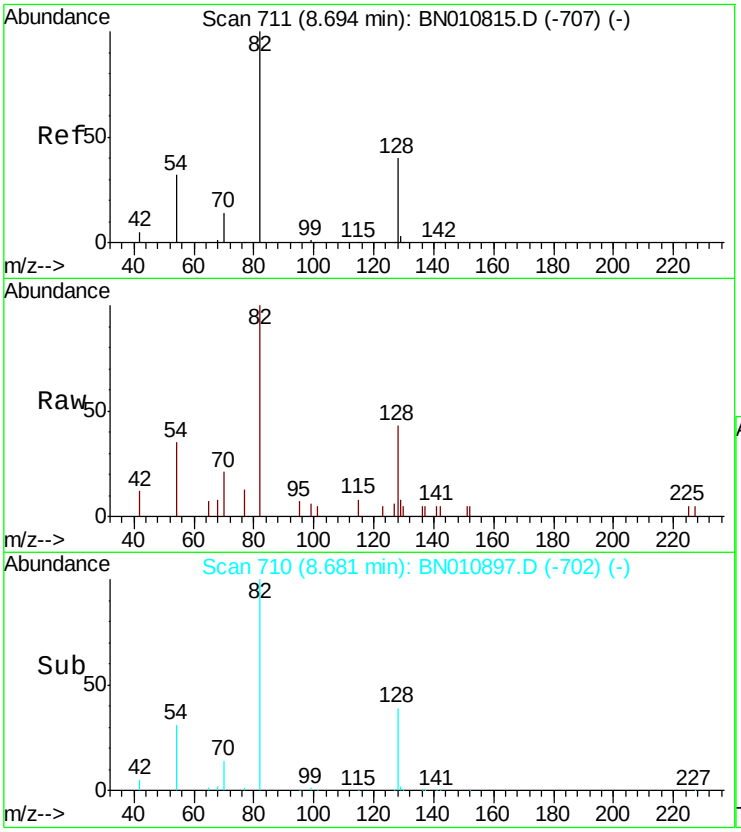


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Tgt Ion:136 Resp: 9434

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	8.1	4.9	7.3#
68	8.5	4.7	7.1#



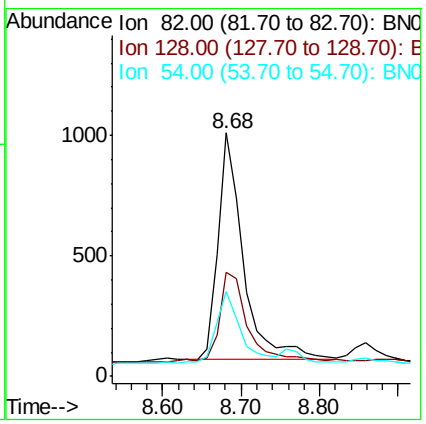


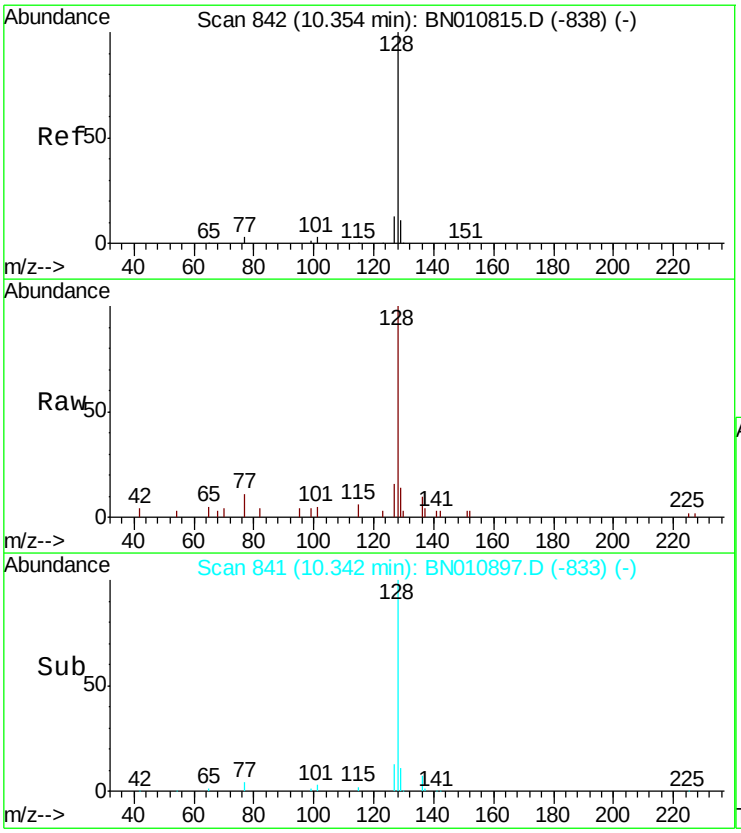
#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.00 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Tgt Ion: 82 Resp: 2128

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.4	53.0
54	34.7	28.2	42.4

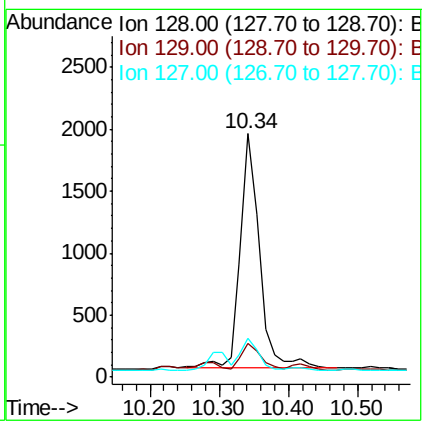


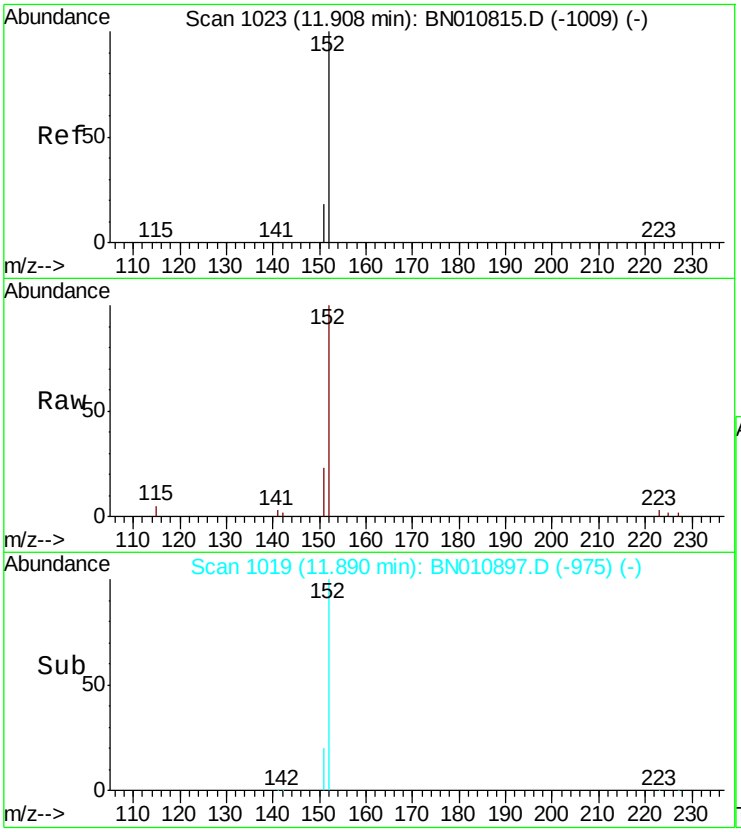


#9
Naphthalene
Concen: 0.155 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Tgt Ion:128 Resp: 3674

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.6	14.4
127	15.8	11.4	17.2



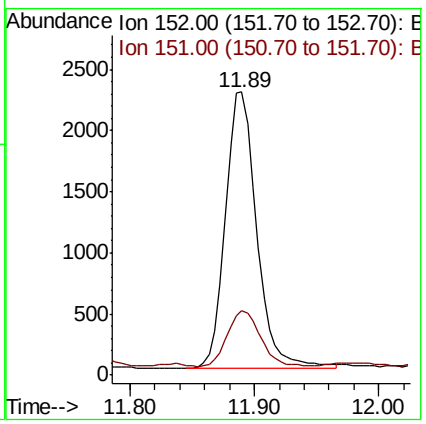


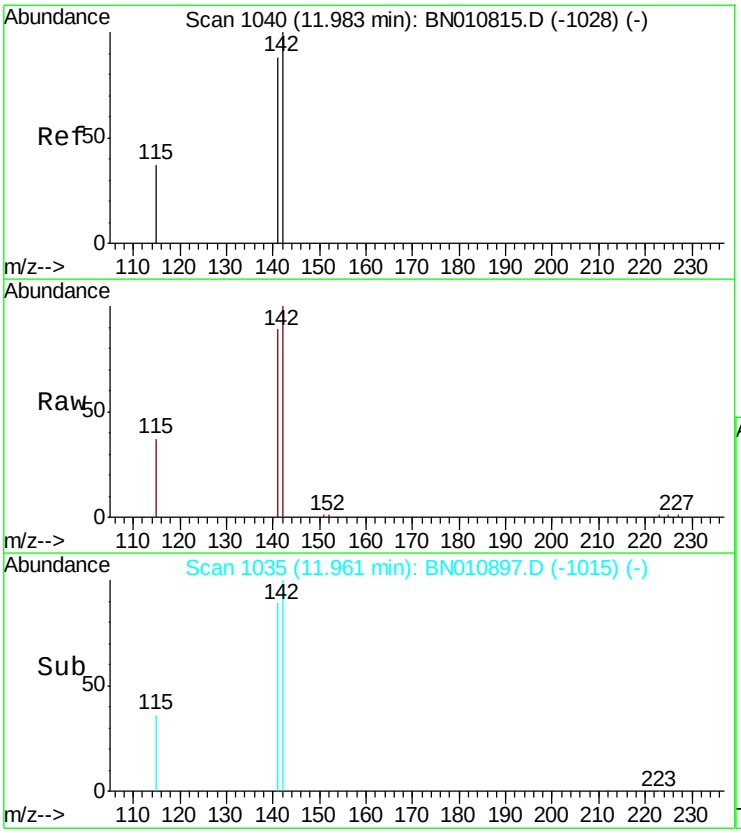
#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Tgt Ion:152 Resp: 3946

Ion	Ratio	Lower	Upper
152	100		
151	21.8	15.3	22.9

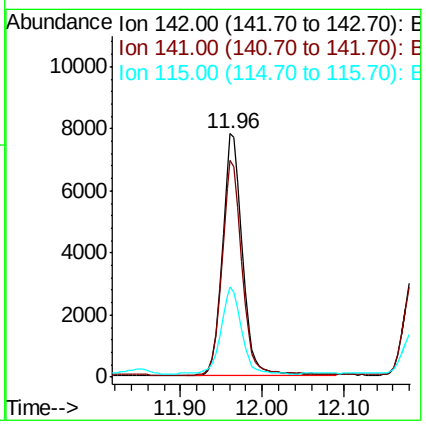


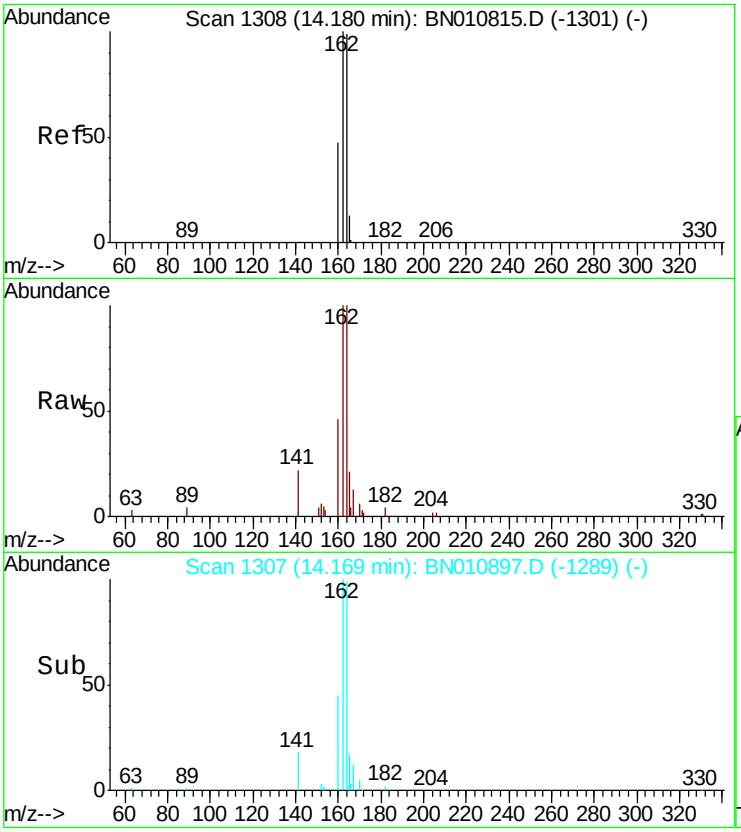


#12
2-Methylnaphthalene
Concen: 0.832 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Tgt Ion:142 Resp: 13206

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	37.0	31.5	47.3



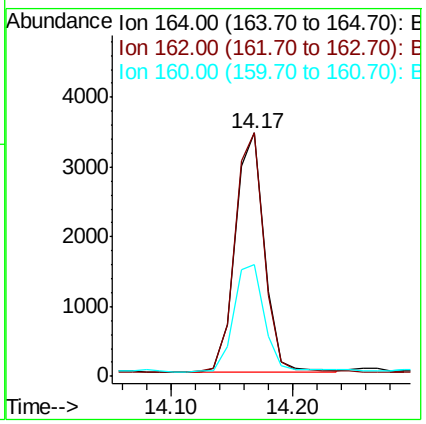


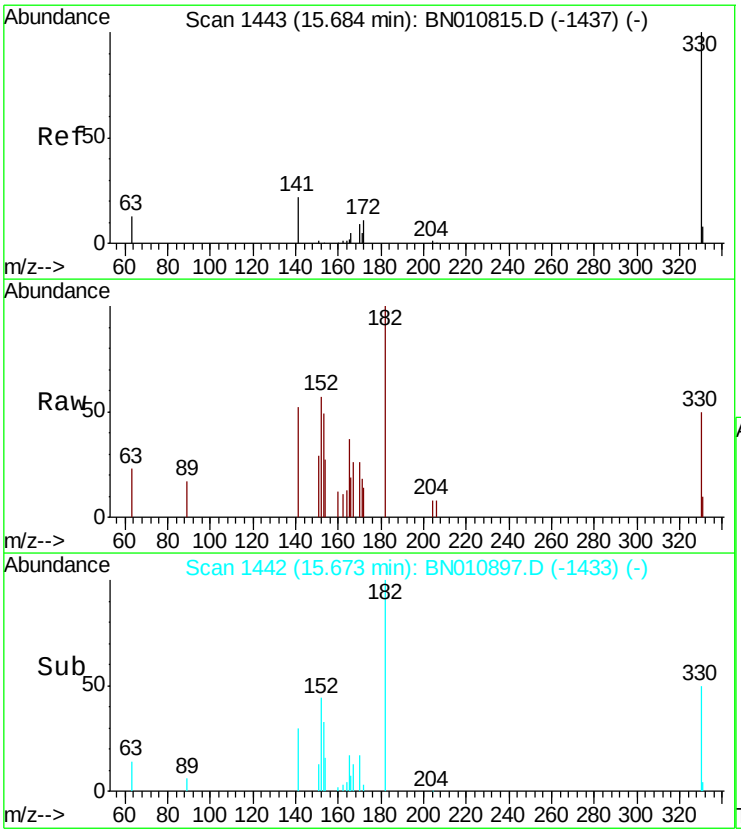
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Tgt Ion:164 Resp: 5687

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.0	121.6
160	46.3	38.9	58.3

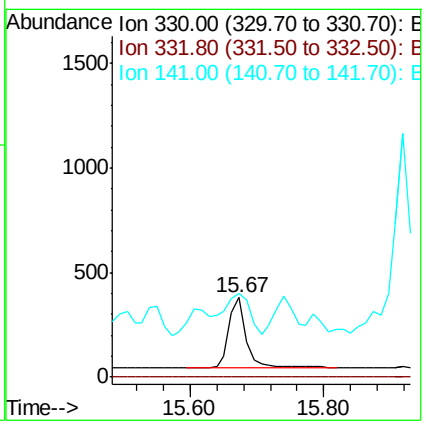


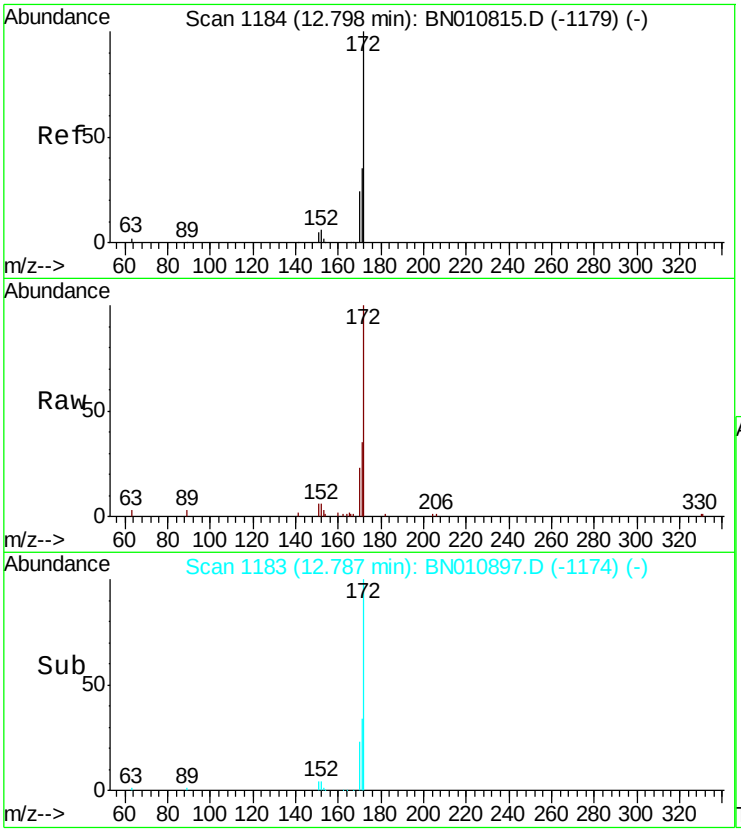


#14
2,4,6-Tribromophenol
Concen: 0.288 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Tgt Ion:330 Resp: 586

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	90.4	33.2	49.8#



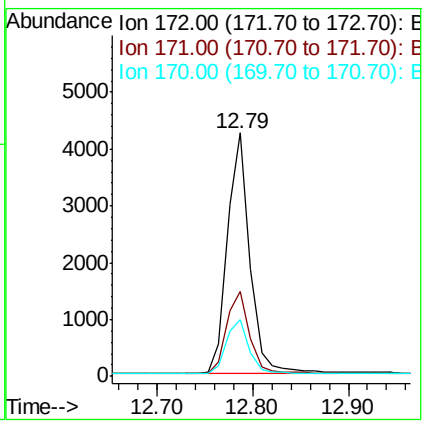


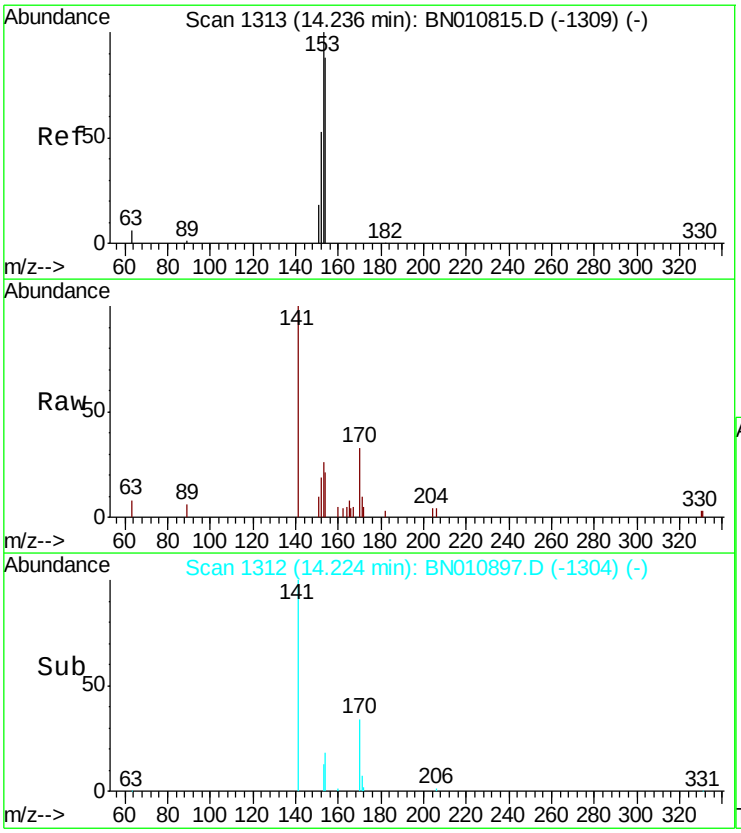
#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Tgt Ion:172 Resp: 6944

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.5	19.7	29.5

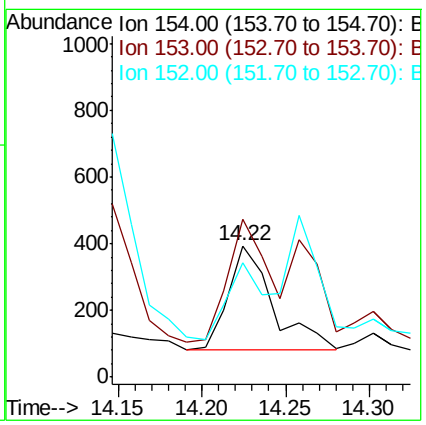


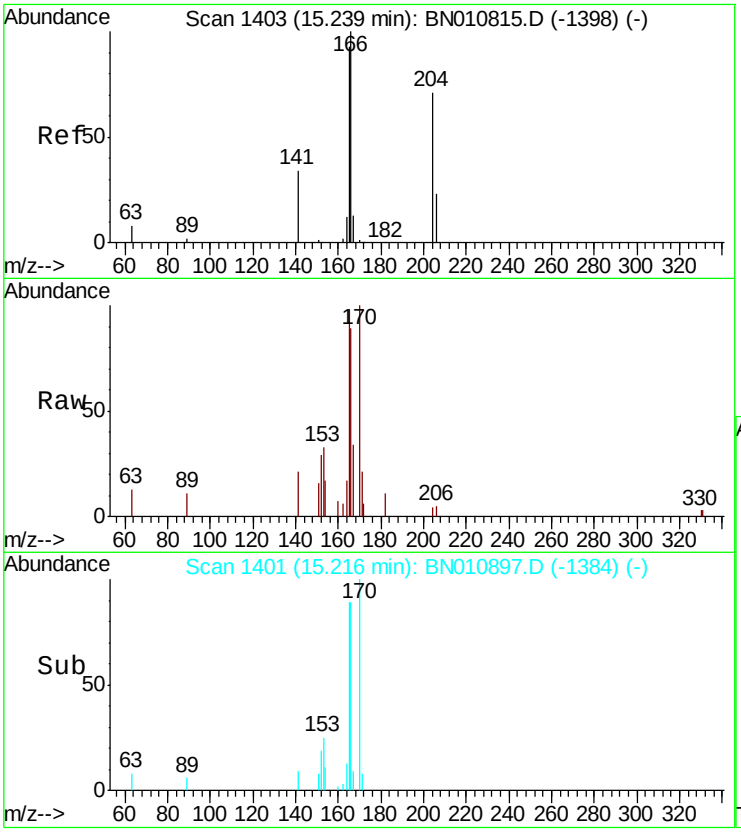


#17
Acenaphthene
Concen: 0.036 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Tgt Ion:154 Resp: 573

Ion	Ratio	Lower	Upper
154	100		
153	108.4	91.8	137.6
152	0.0	47.6	71.4#



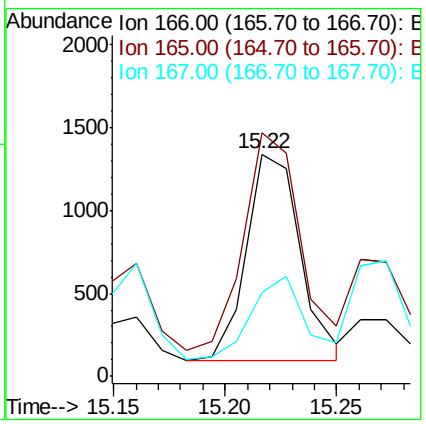


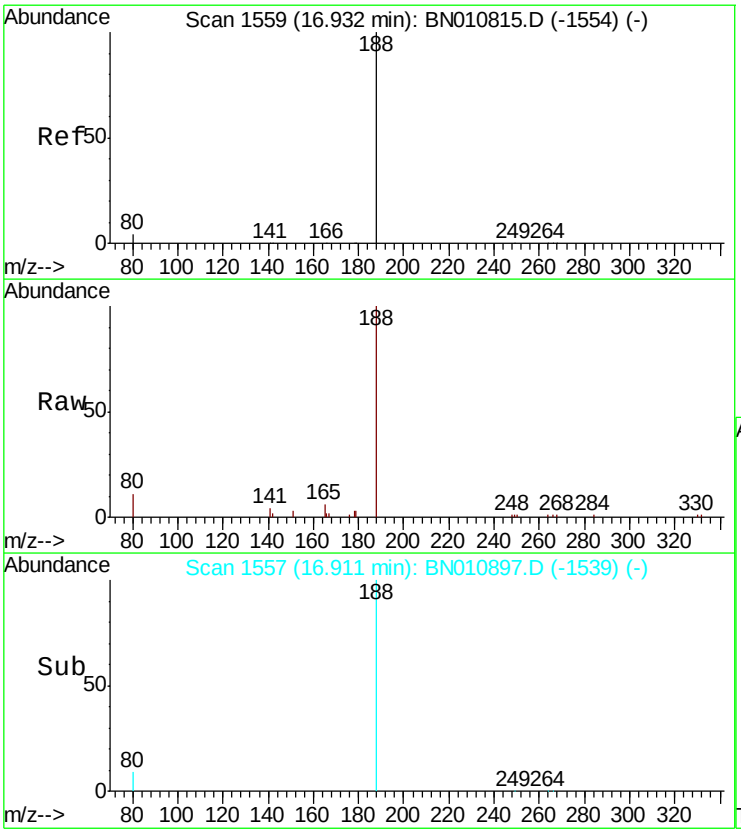
#18
Fluorene
Concen: 0.103 ng
RT: 15.22 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Tgt Ion:166 Resp: 2120

Ion	Ratio	Lower	Upper
166	100		
165	109.2	77.2	115.8
167	39.4	10.7	16.1#

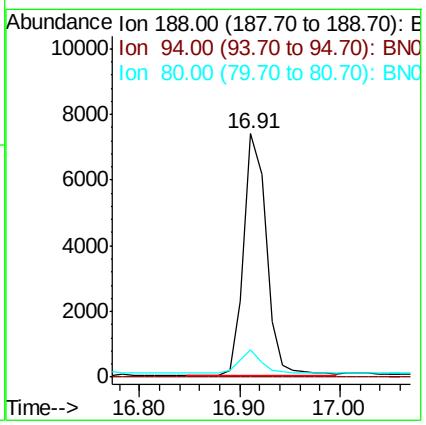


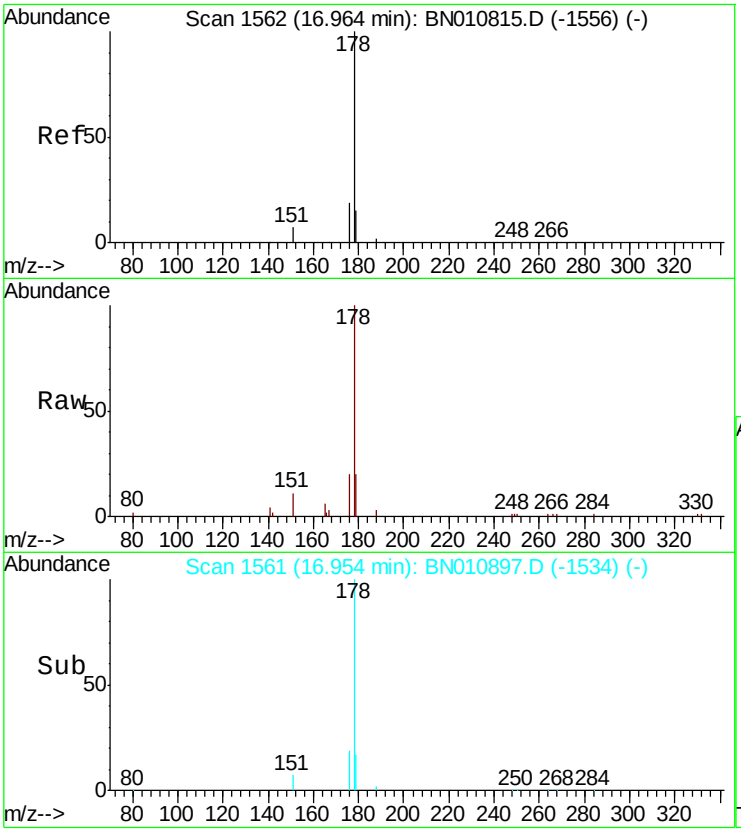


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Tgt Ion:188 Resp: 11613

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	4.5	6.7#



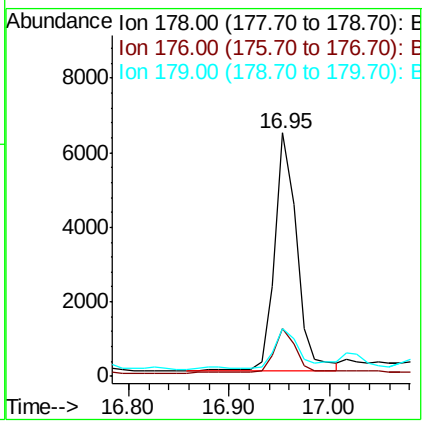


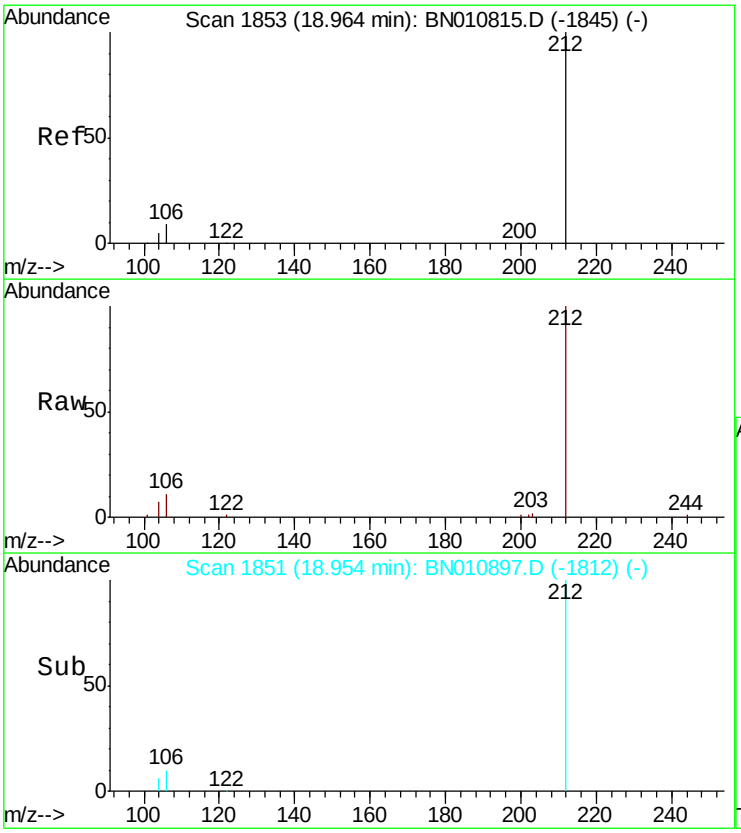
#23
Phenanthrene
Concen: 0.312 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Tgt Ion:178 Resp: 9909

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.3	22.9
179	16.9	12.6	19.0

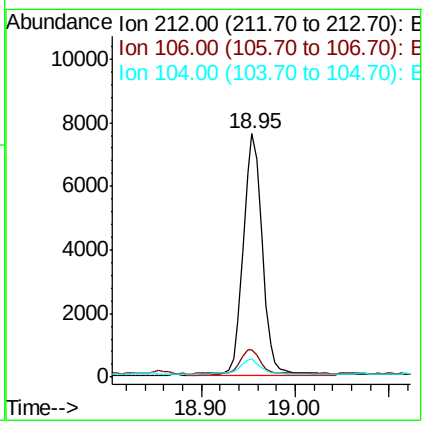


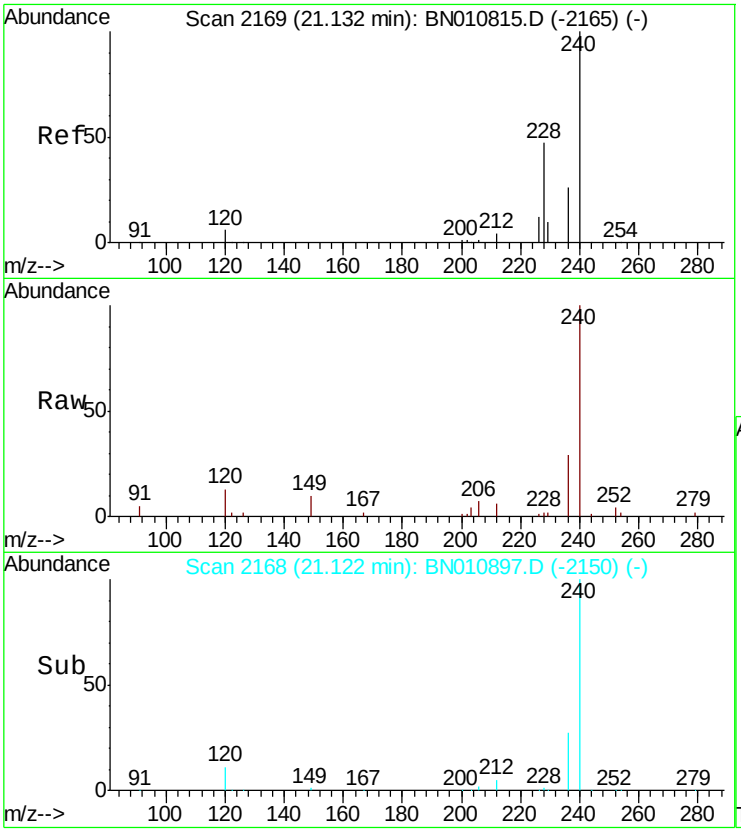


#25
Fluoranthene-d10
Concen: 0.334 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Tgt Ion:212 Resp: 10689

Ion	Ratio	Lower	Upper
212	100		
106	10.3	6.6	10.0#
104	6.4	4.0	6.0#



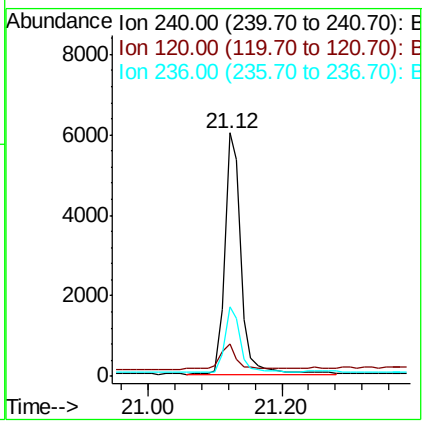


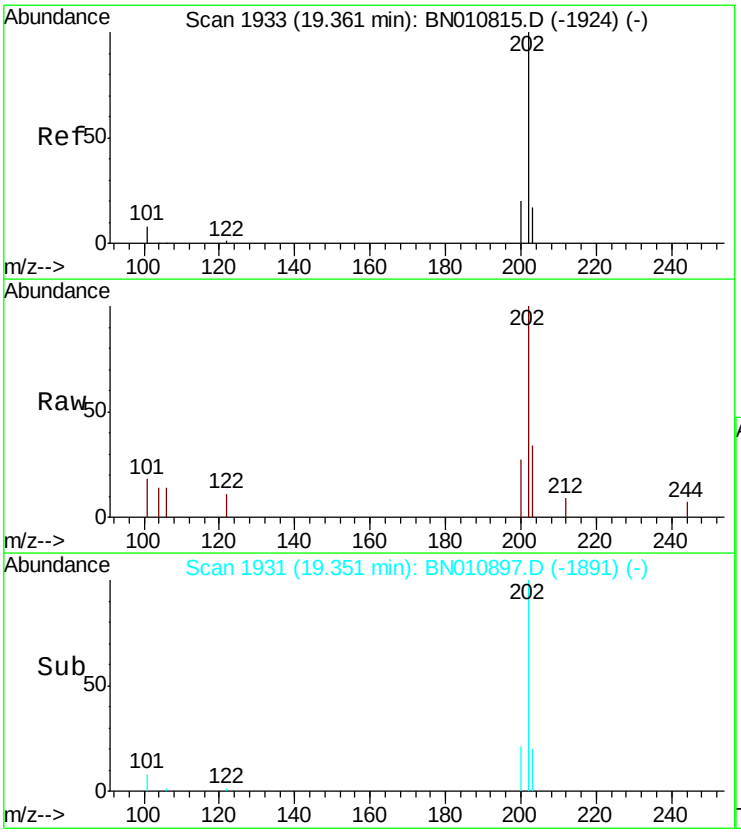
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Tgt Ion:240 Resp: 9968

Ion	Ratio	Lower	Upper
240	100		
120	13.3	7.5	11.3#
236	28.7	22.3	33.5

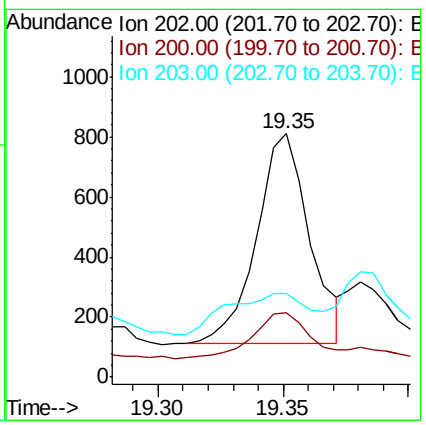


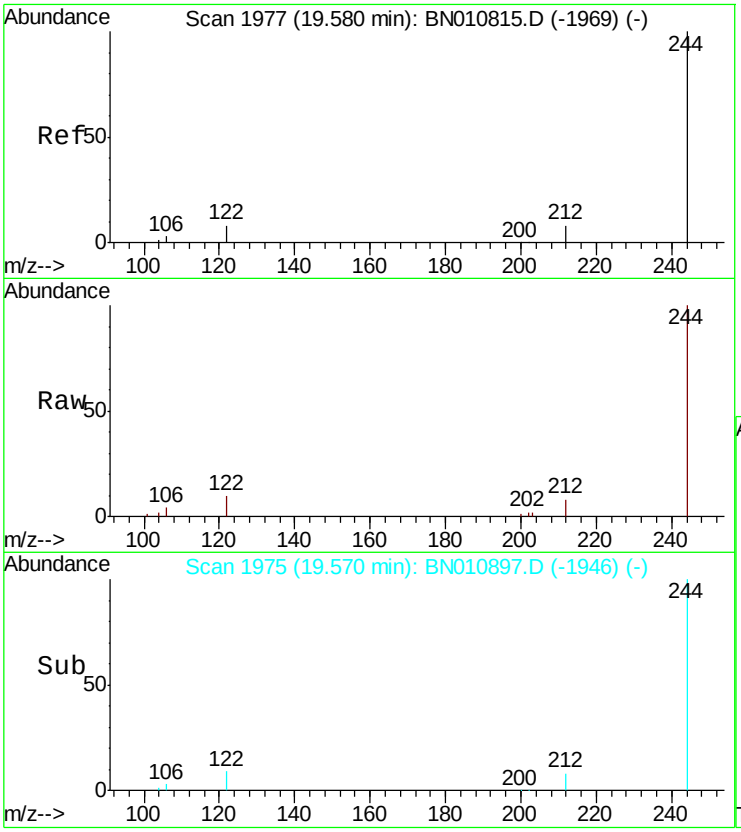


#28
Pyrene
Concen: 0.031 ng
RT: 19.35 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Tgt Ion:202 Resp: 1032

Ion	Ratio	Lower	Upper
202	100		
200	23.7	16.4	24.6
203	30.2	14.2	21.4#



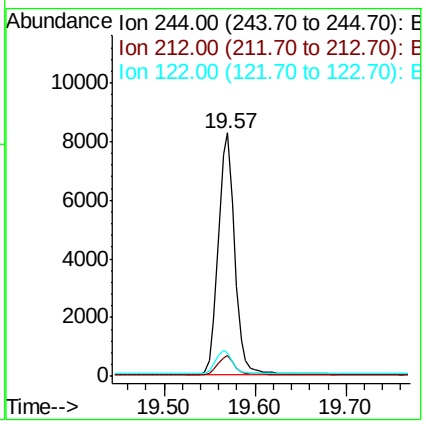


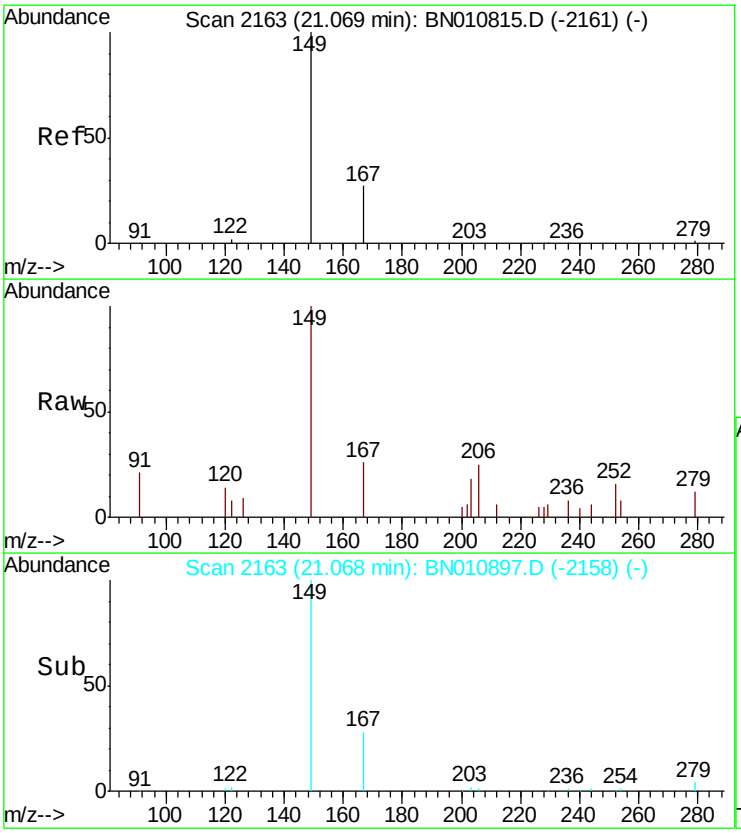
#29
Terphenyl-d14
Concen: 0.443 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Tgt Ion:244 Resp: 10337

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	9.8	7.5	11.3

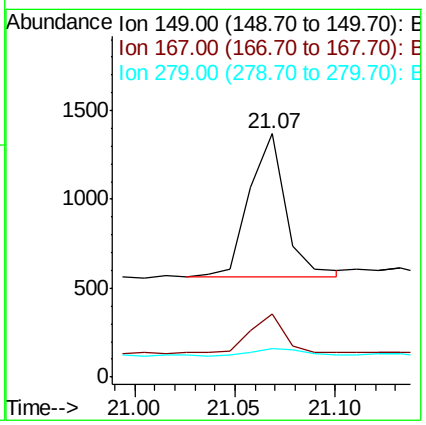


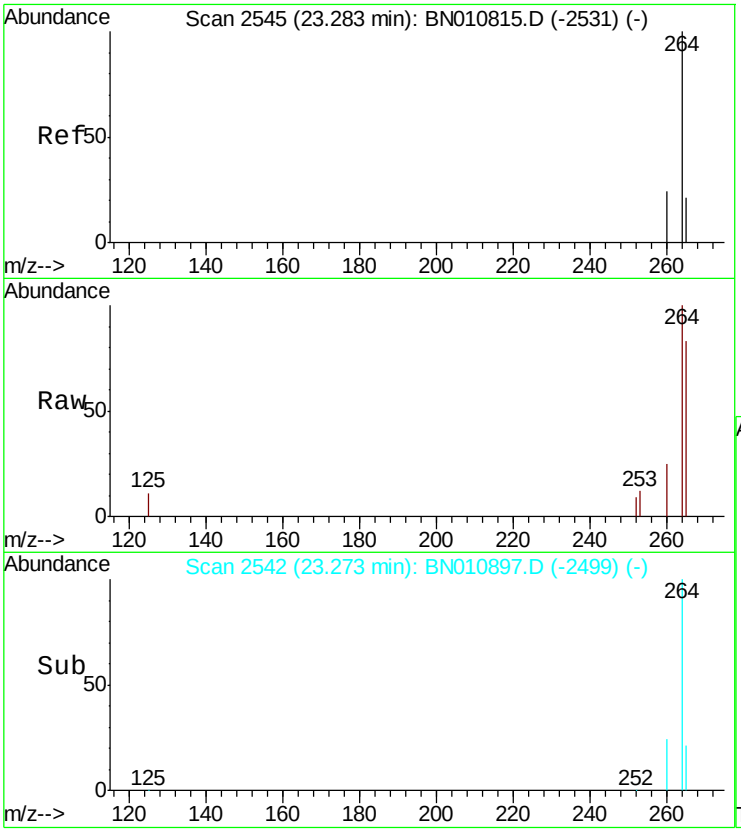


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.107 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Tgt Ion:149 Resp: 1043

Ion	Ratio	Lower	Upper
149	100		
167	24.6	24.1	36.1
279	7.3	4.6	7.0#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.27 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BN010897.D
Acq: 16 Jun 2020 08:35

Instrument :
BNA_N
ClientSampleId :
REDUP01-20200608

Tgt Ion:264 Resp: 10078

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	82.9	75.0	112.4