Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010888.D
Acq On : 16 Jun 2020 03:12
Operator : CG/JU
Sample : L2989-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE105D2-20200609

Quant Time: Jun 16 04:26:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 11:09:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2687	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	9444	0.40	ng		0.00
13) Acenaphthene-d10	14.16	164	5394	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	10807	0.40	ng		0.00
27) Chrysene-d12	21.12	240	9225	0.40	ng		0.00
34) Perylene-d12	23.27	264	9478	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	924	0.18	ng		0.00
5) Phenol-d6	6.74	99	667	0.11	ng		0.00
8) Nitrobenzene-d5	8.68	82	2566	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	4896	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	586	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.78	172	8122	0.38	ng		0.00
25) Fluoranthene-d10	18.96	212	11226	0.38	ng		0.00
29) Terphenyl-d14	19.57	244	10342	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	8375	3.182	ng		98
6) bis(2-Chloroethyl)ether	6.99	93	439	0.074	ng		95
9) Naphthalene	10.34	128	721	0.030	ng	#	72
12) 2-Methylnaphthalene	11.97	142	2775	0.175	ng		97
18) Fluorene	15.22	166	512	0.026	ng	#	90
23) Phenanthrene	16.96	178	1985	0.067	ng		96
32) Bis(2-ethylhexyl)phthalate	21.06	149	976	0.108	ng		94

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

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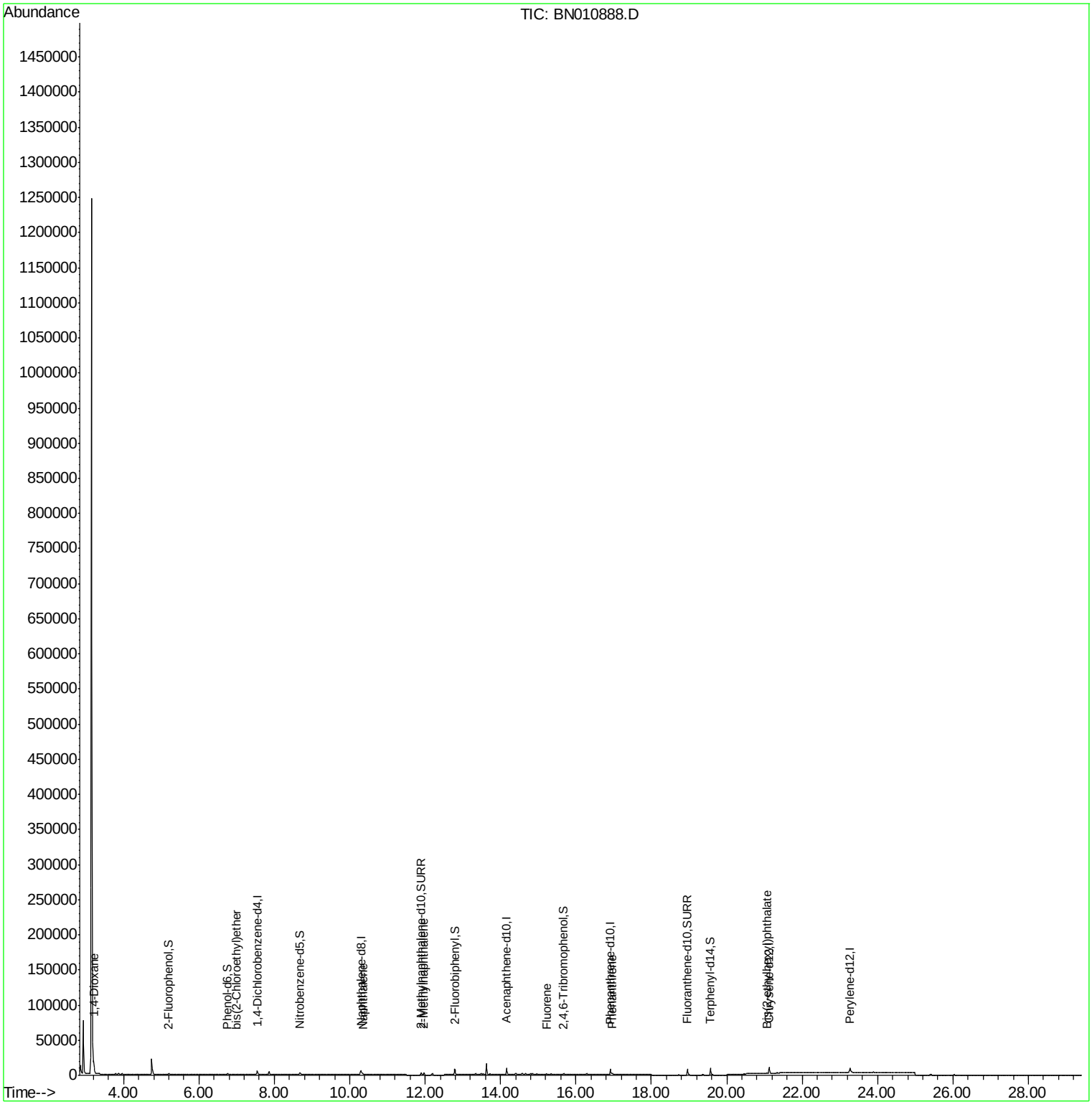
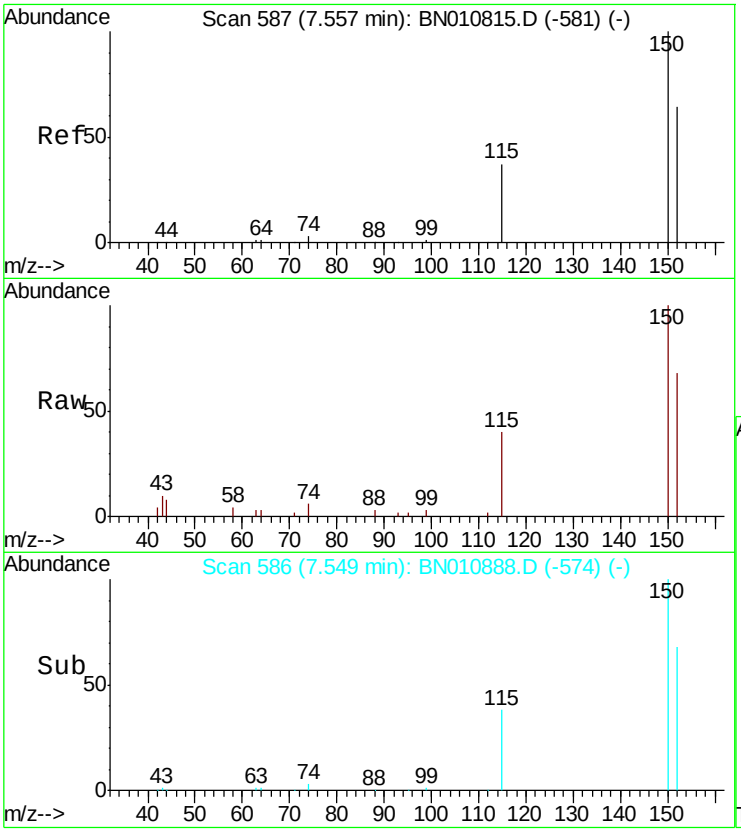
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 11:09:46 2020
Response via : Initial Calibration



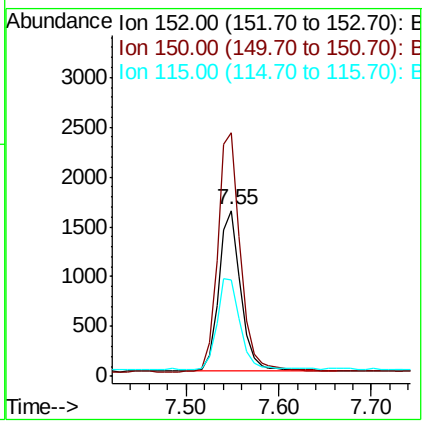


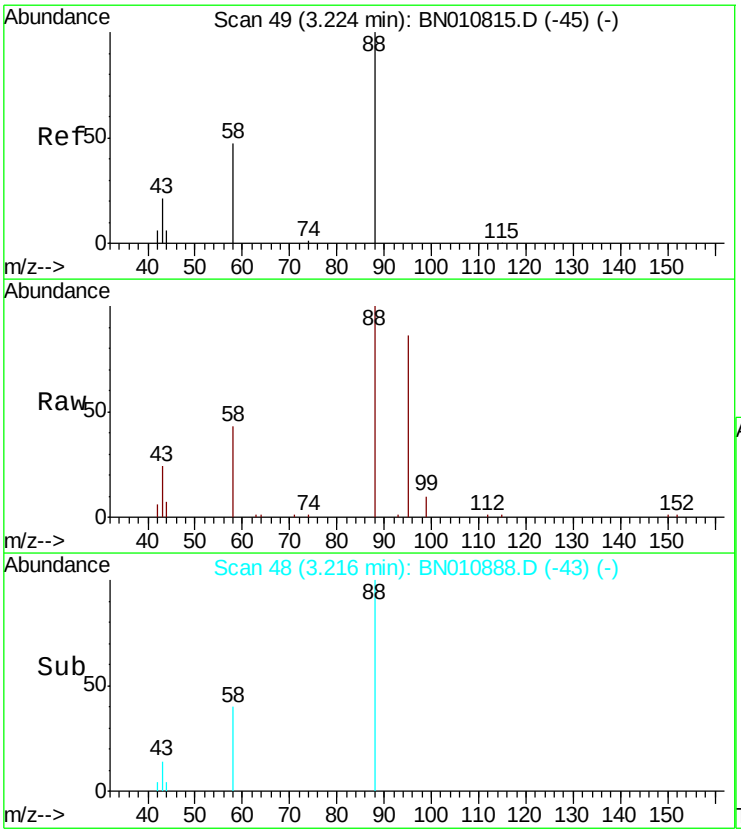
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200609

Tgt Ion:152 Resp: 2687

Ion	Ratio	Lower	Upper
152	100		
150	146.6	123.8	185.6
115	58.2	49.2	73.8

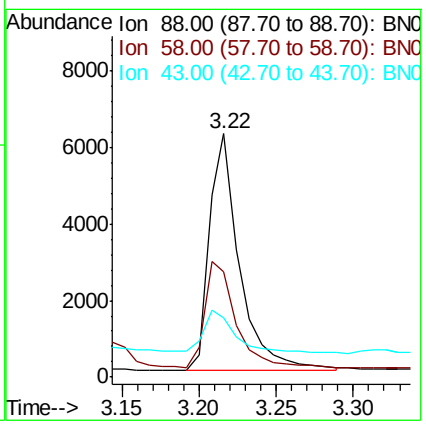


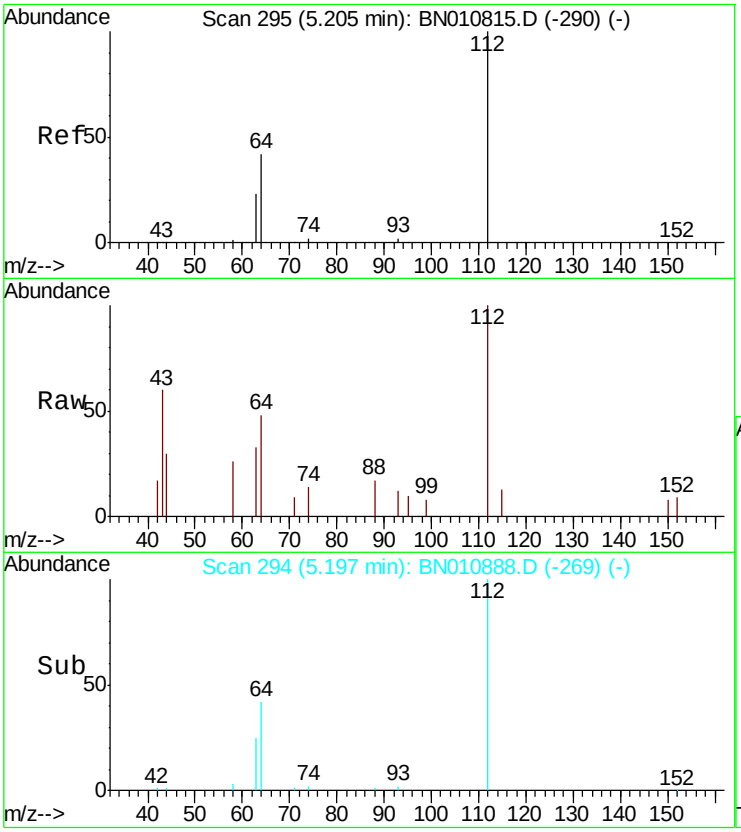


#2
1,4-Dioxane
Concen: 3.182 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Tgt Ion: 88 Resp: 8375

Ion	Ratio	Lower	Upper
88	100		
58	45.6	38.2	57.4
43	18.7	15.1	22.7



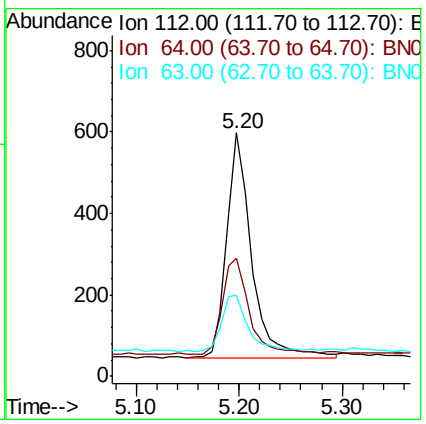


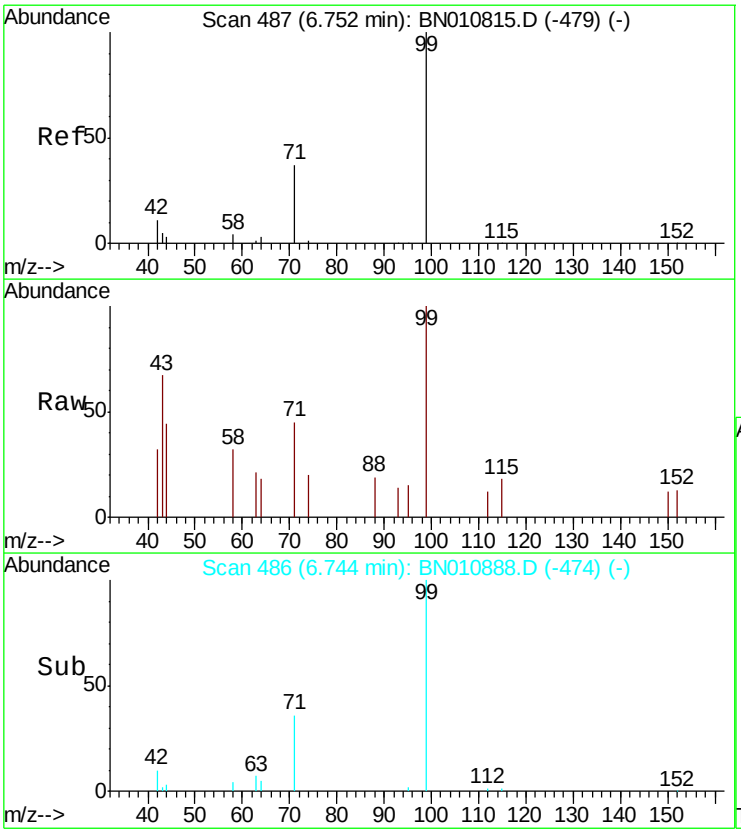
#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200609

Tgt Ion:112 Resp: 924

Ion	Ratio	Lower	Upper
112	100		
64	46.4	37.4	56.0
63	27.3	22.2	33.4

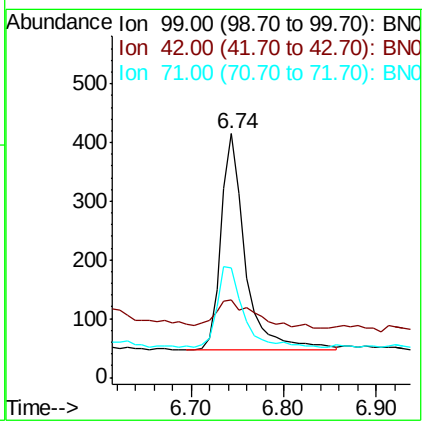


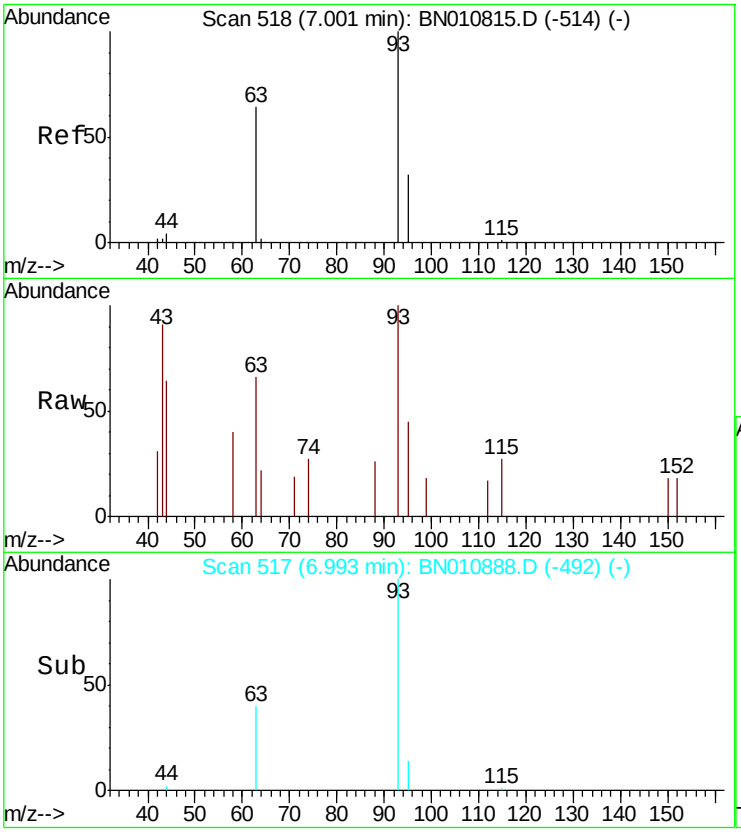


#5
Phenol-d6
Concen: 0.109 ng
RT: 6.74 min Scan# 486
Delta R.T. 0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Tgt Ion: 99 Resp: 667

Ion	Ratio	Lower	Upper
99	100		
42	23.7	11.1	16.7#
71	41.1	31.4	47.2



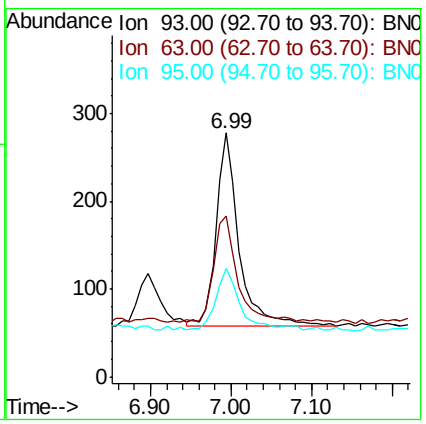


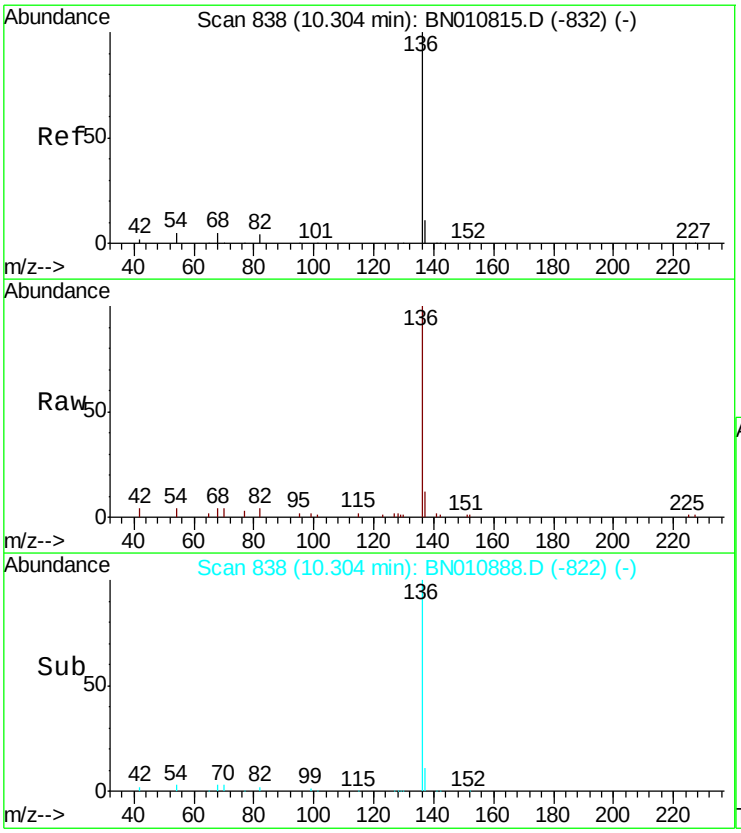
#6
bis(2-Chloroethyl)ether
Concen: 0.074 ng
RT: 6.99 min Scan# 517
Delta R.T. 0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200609

Tgt Ion: 93 Resp: 439

Ion	Ratio	Lower	Upper
93	100		
63	57.9	49.4	74.2
95	31.2	26.7	40.1

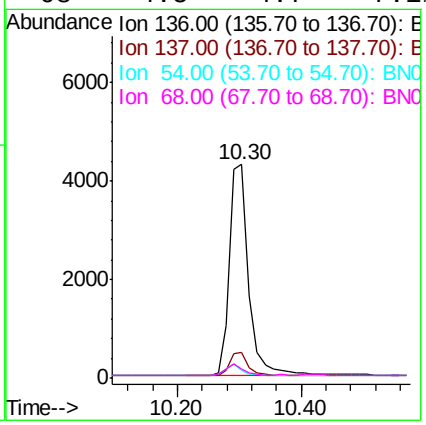


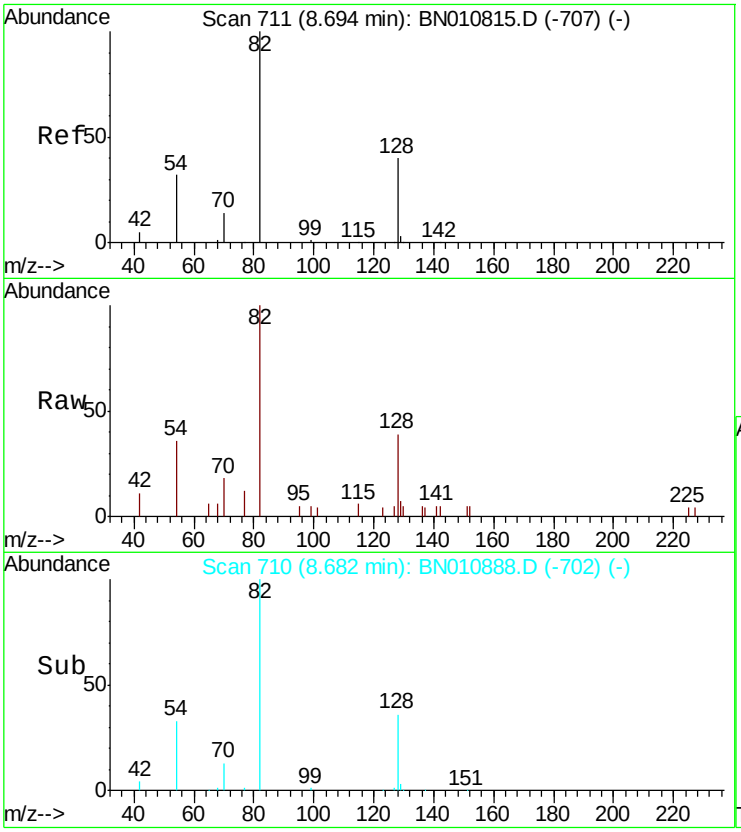


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Tgt Ion:136 Resp: 9444

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.7	14.5
54	3.9	4.9	7.3#
68	4.5	4.7	7.1#



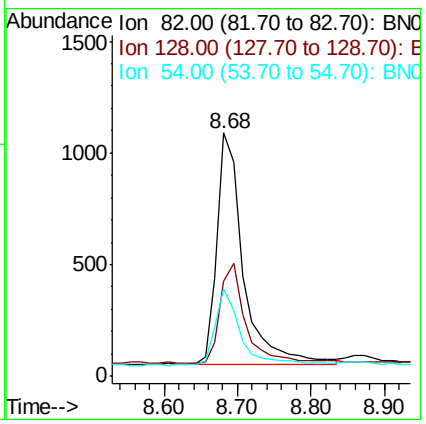


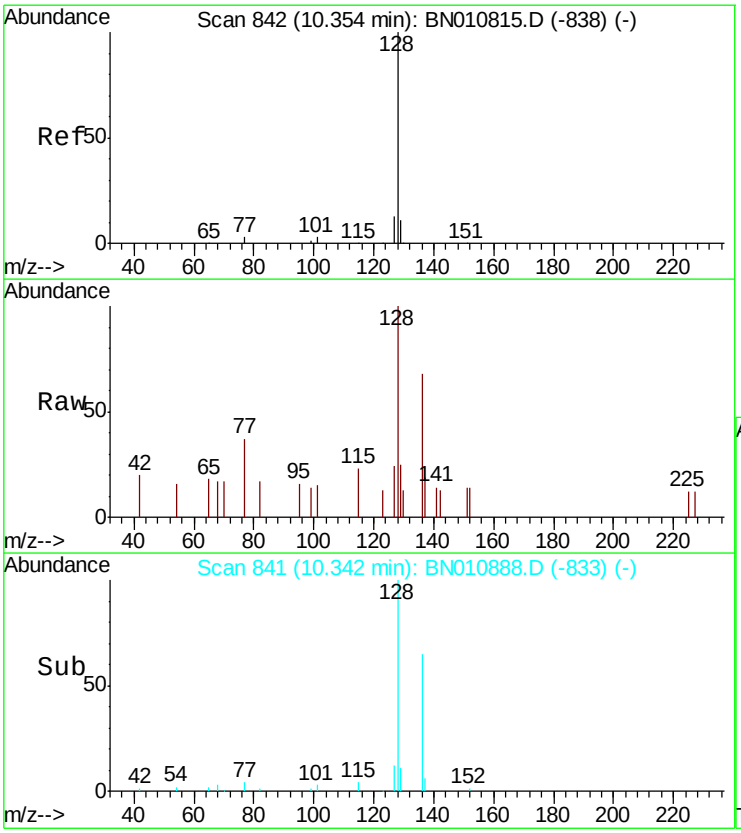
#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200609

Tgt Ion: 82 Resp: 2566

Ion	Ratio	Lower	Upper
82	100		
128	39.3	35.4	53.0
54	35.7	28.2	42.4

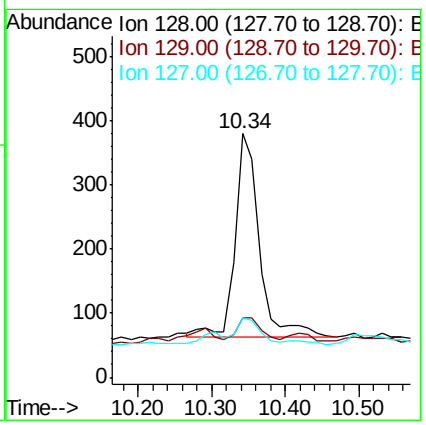


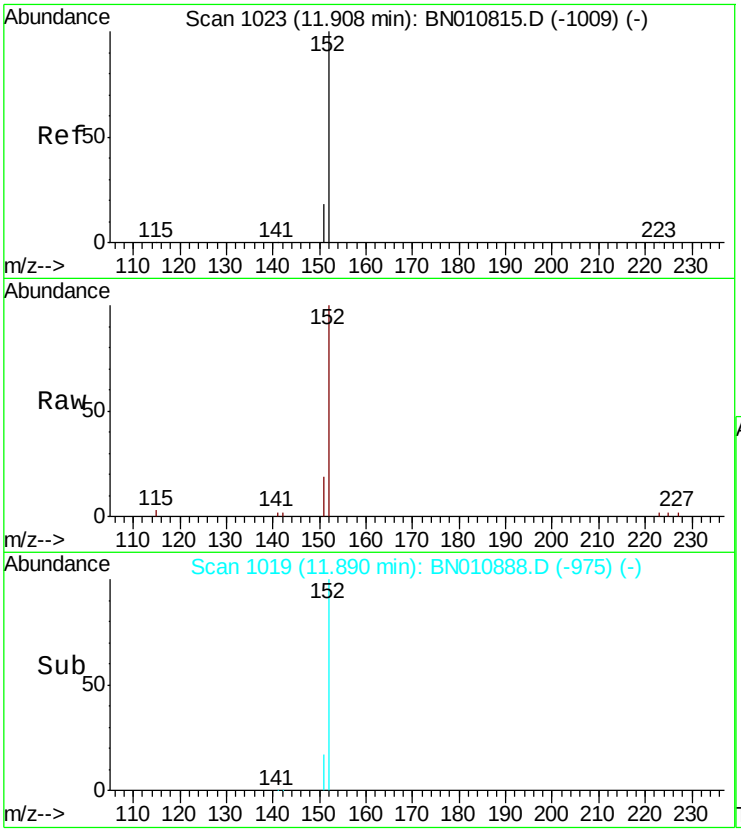


#9
Naphthalene
Concen: 0.030 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Tgt Ion:128 Resp: 721

Ion	Ratio	Lower	Upper
128	100		
129	24.5	9.6	14.4#
127	24.3	11.4	17.2#



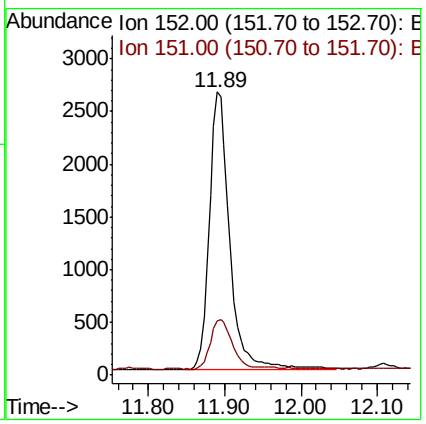


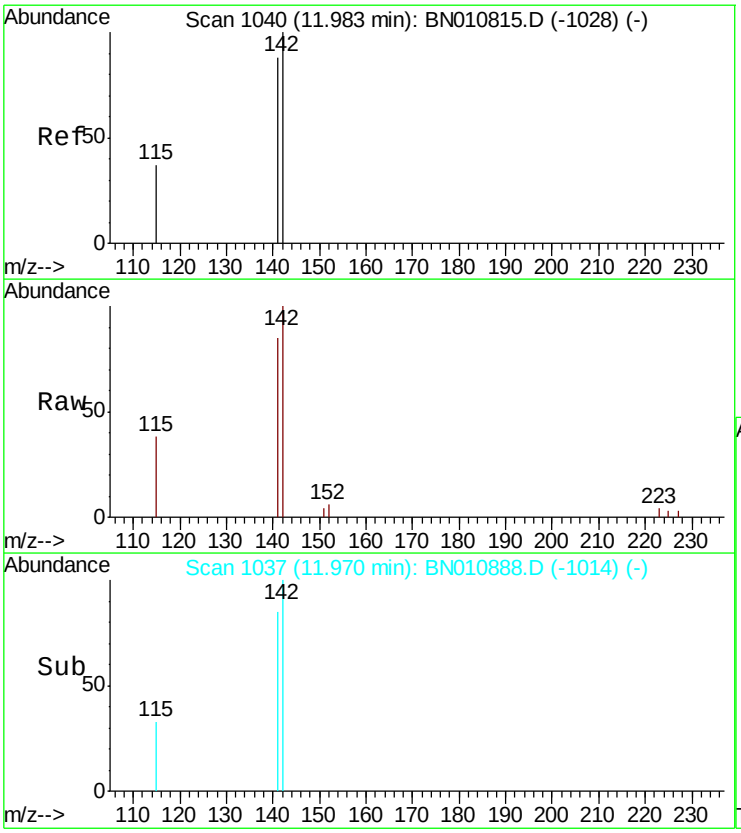
#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200609

Tgt Ion:152 Resp: 4896

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9

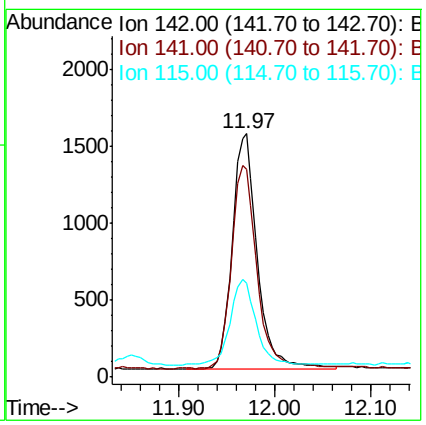


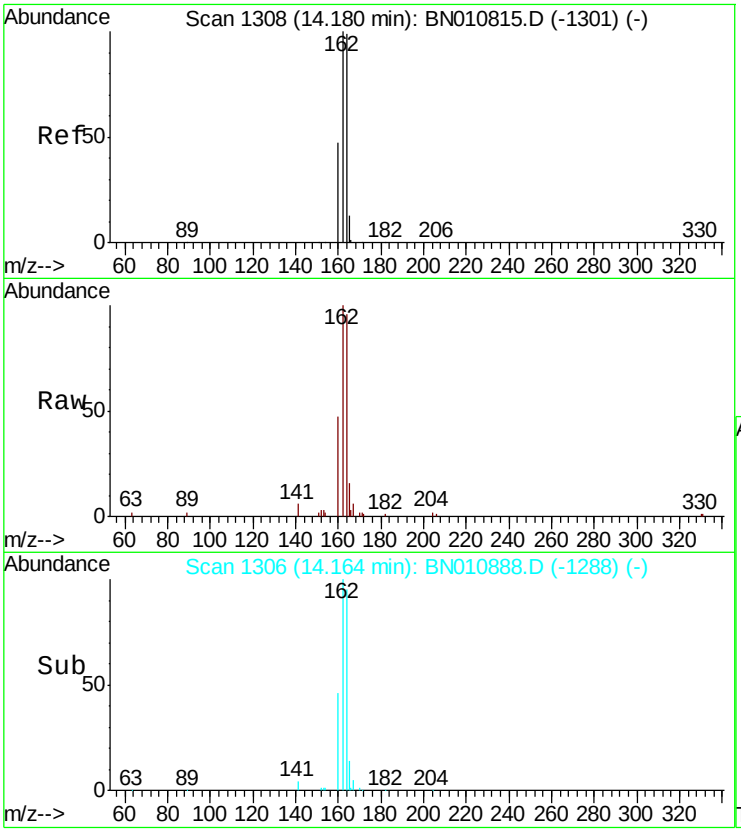


#12
2-Methylnaphthalene
Concen: 0.175 ng
RT: 11.97 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Tgt Ion:142 Resp: 2775

Ion	Ratio	Lower	Upper
142	100		
141	85.4	70.8	106.2
115	38.3	31.5	47.3



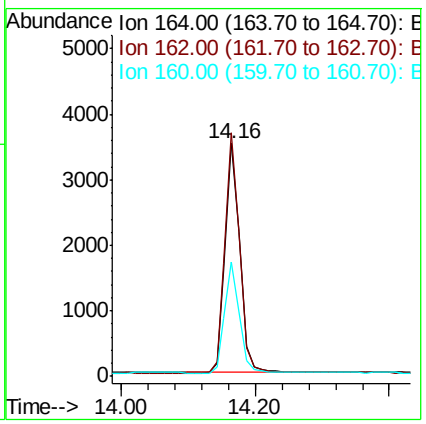


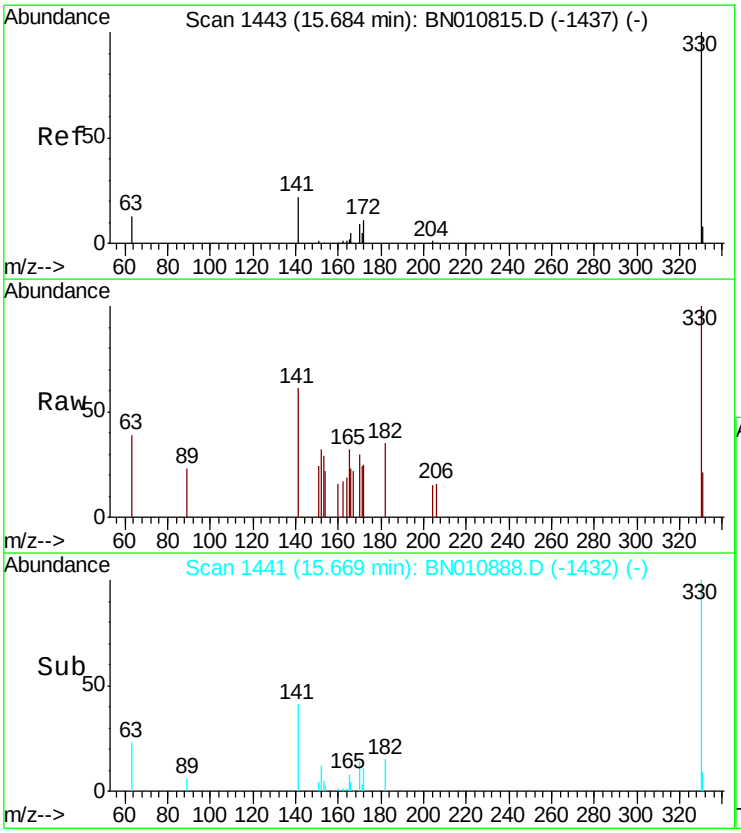
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200609

Tgt Ion:164 Resp: 5394

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.0	121.6
160	48.8	38.9	58.3

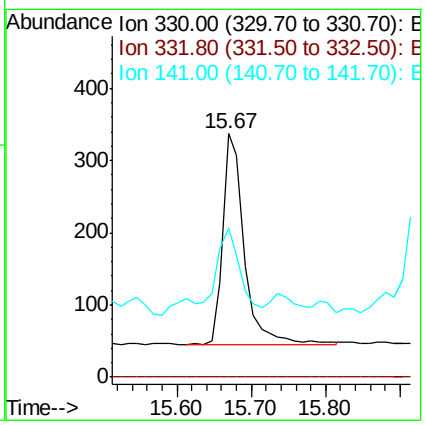


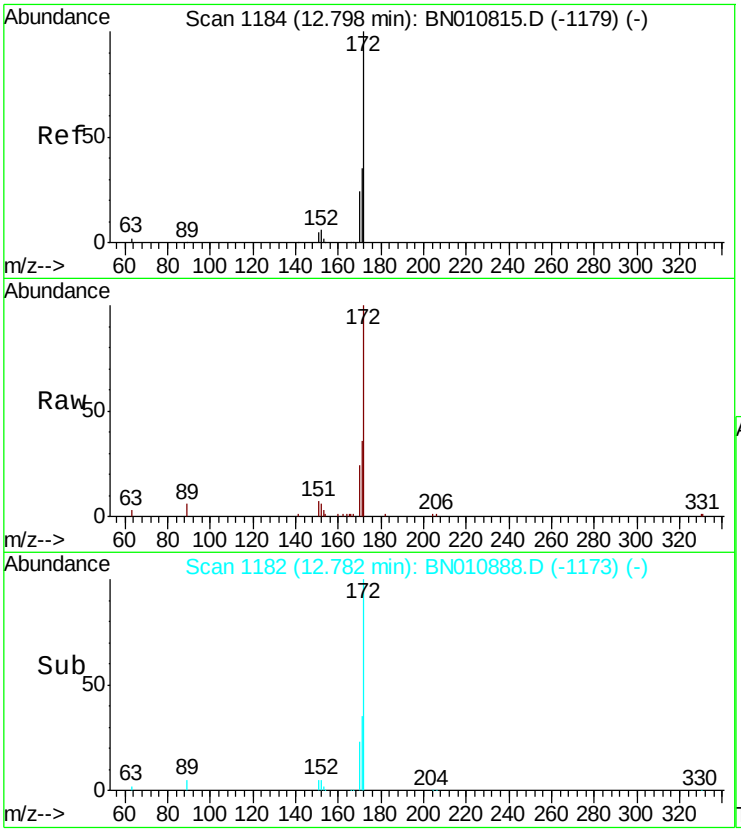


#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.67 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Tgt Ion:330 Resp: 586

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.7	33.2	49.8



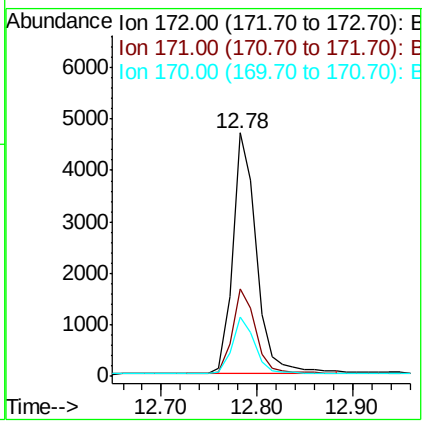


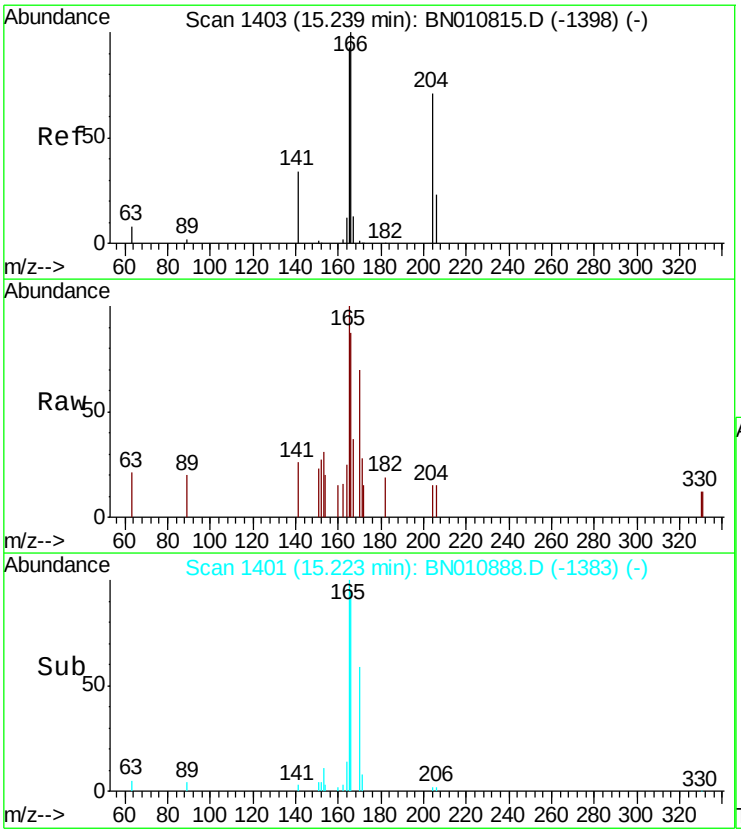
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200609

Tgt Ion:172 Resp: 8122

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.2	19.7	29.5

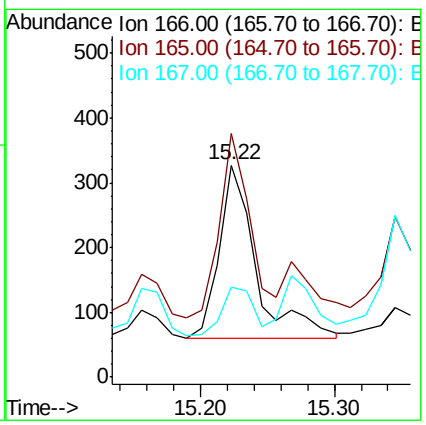


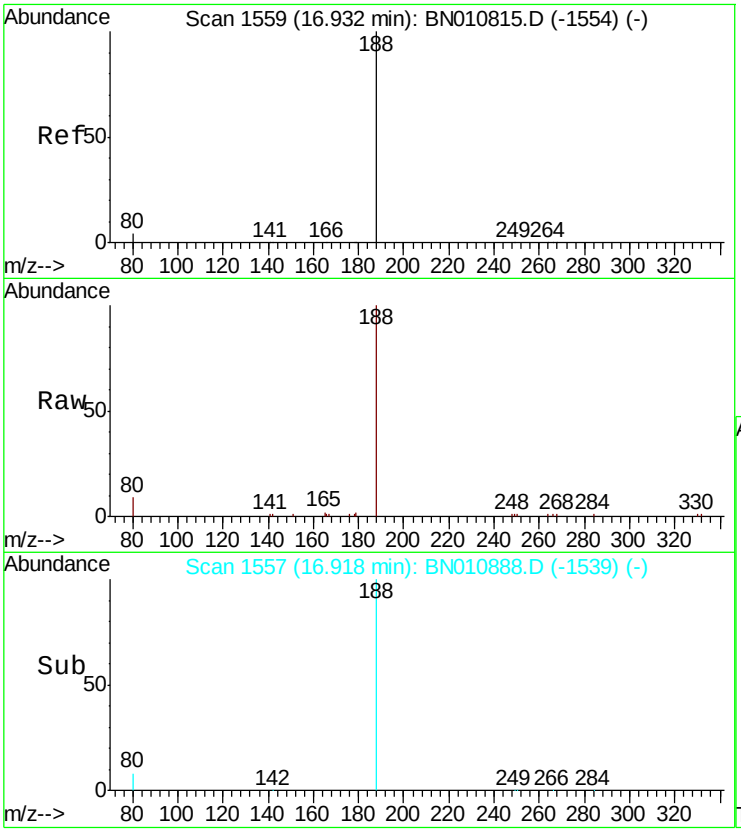


#18
Fluorene
Concen: 0.026 ng
RT: 15.22 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Tgt Ion:166 Resp: 512

Ion	Ratio	Lower	Upper
166	100		
165	88.5	77.2	115.8
167	23.8	10.7	16.1#



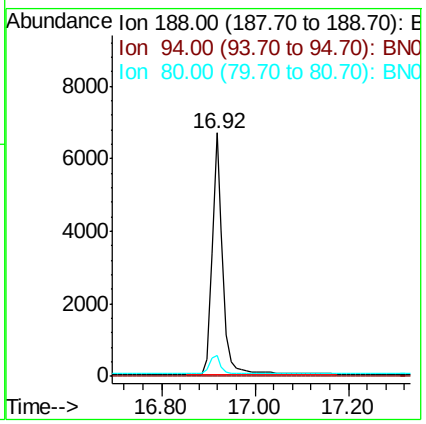


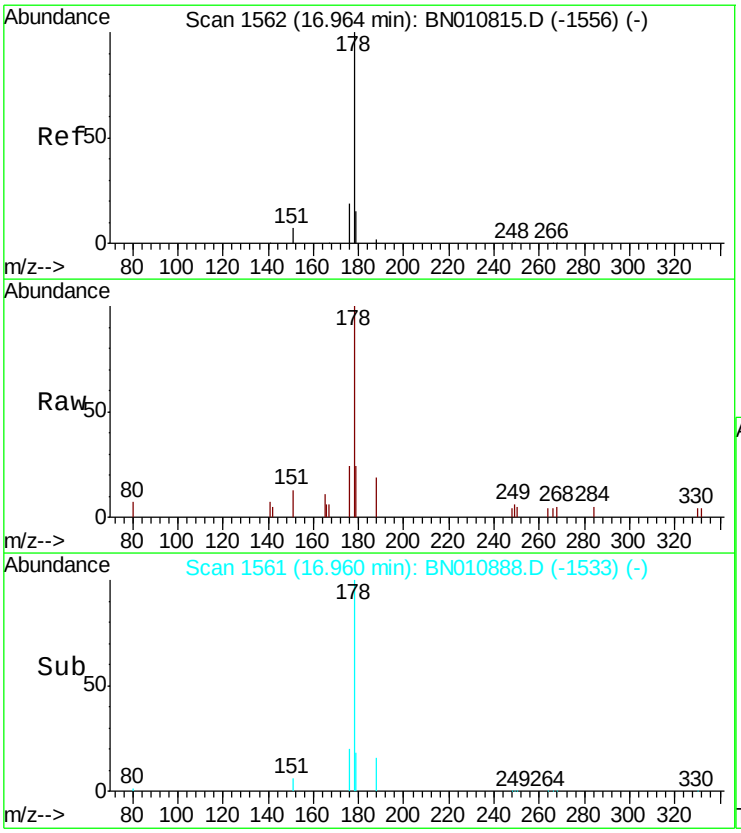
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200609

Tgt Ion:188 Resp: 10807

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	4.5	6.7#

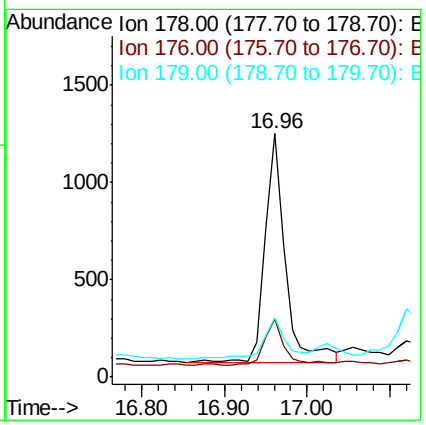


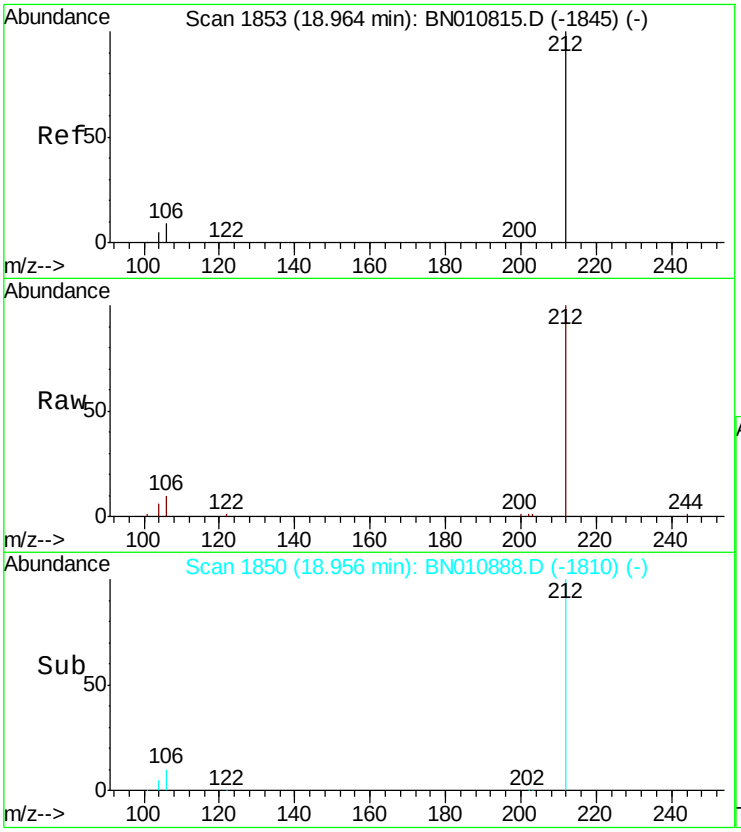


#23
Phenanthrene
Concen: 0.067 ng
RT: 16.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Tgt Ion:178 Resp: 1985

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.3	22.9
179	17.6	12.6	19.0



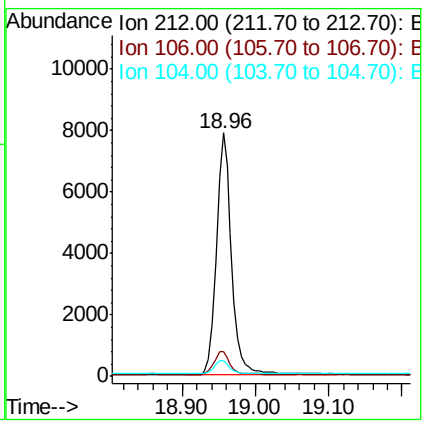


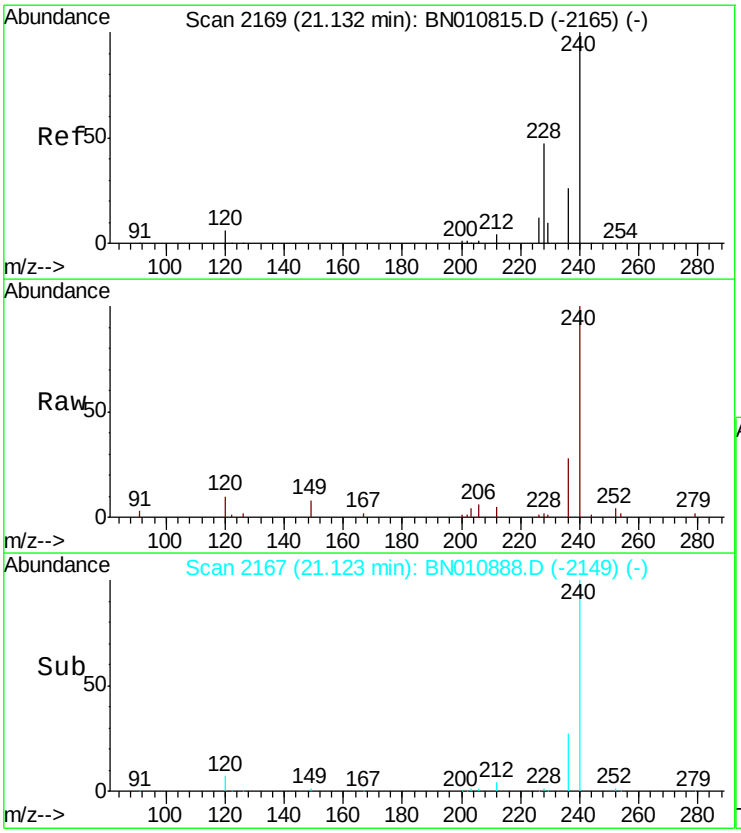
#25
Fluoranthene-d10
Concen: 0.376 ng
RT: 18.96 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200609

Tgt Ion:212 Resp: 11226

Ion	Ratio	Lower	Upper
212	100		
106	9.6	6.6	10.0
104	5.7	4.0	6.0

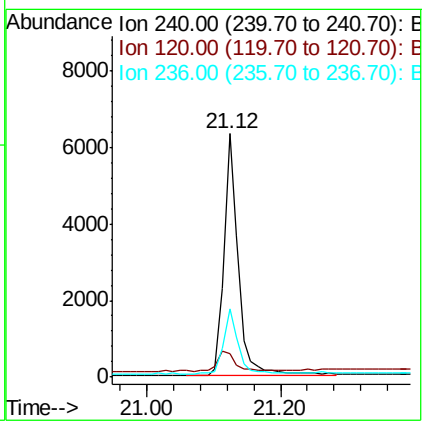


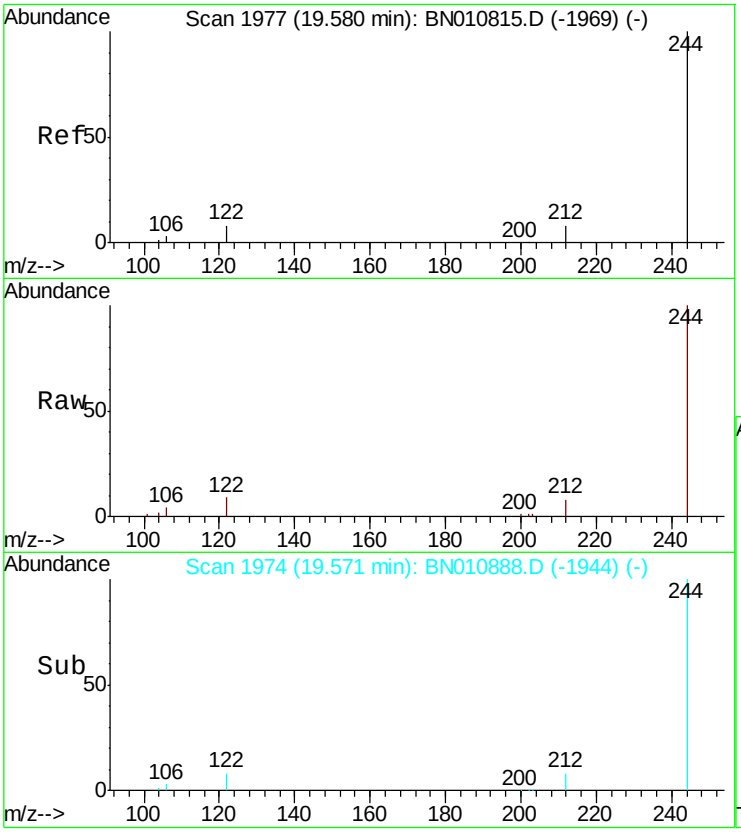


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Tgt Ion:240 Resp: 9225

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.5	11.3
236	28.1	22.3	33.5



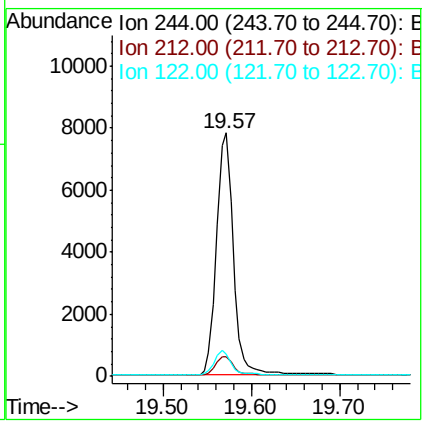


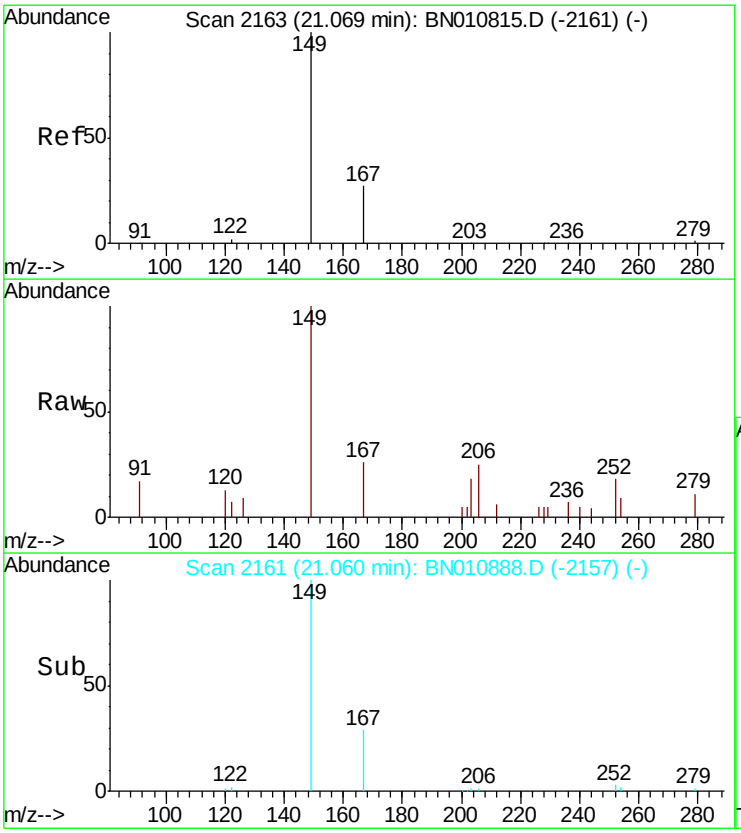
#29
Terphenyl-d14
Concen: 0.479 ng
RT: 19.57 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200609

Tgt Ion:244 Resp: 10342

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	9.2	7.5	11.3

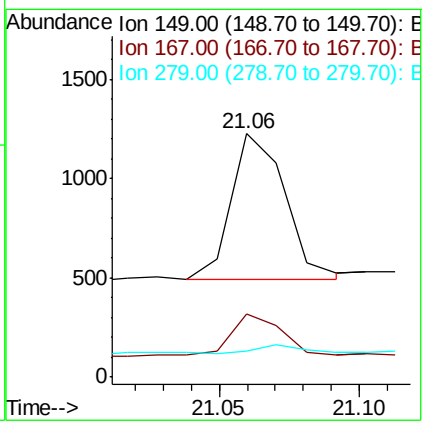


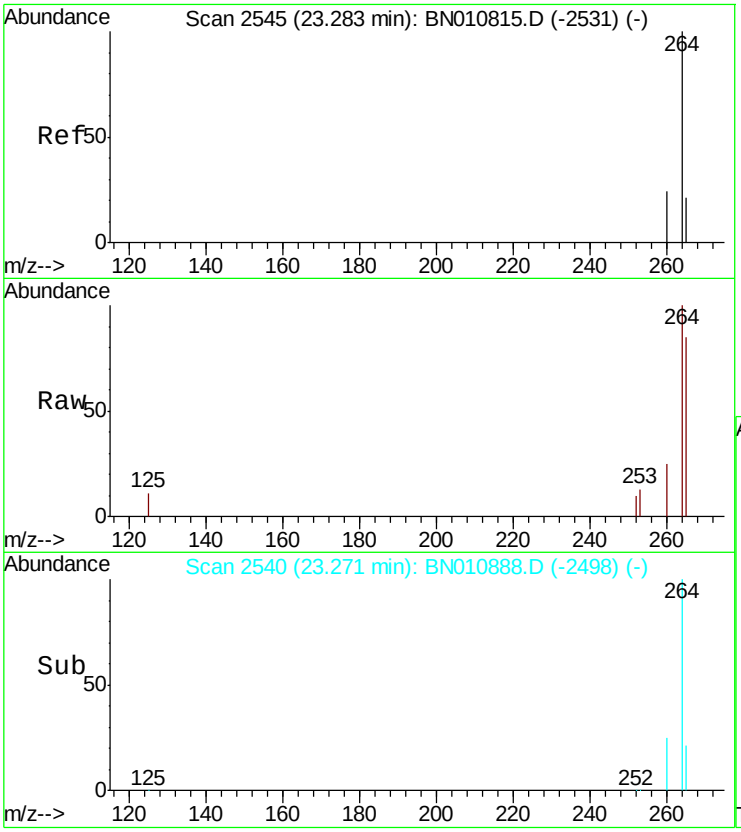


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.06 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Tgt Ion:149 Resp: 976

Ion	Ratio	Lower	Upper
149	100		
167	26.2	24.1	36.1
279	5.3	4.6	7.0





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.27 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BN010888.D
Acq: 16 Jun 2020 03:12

Instrument :
BNA_N
ClientSampleId :
RE105D2-20200609

Tgt Ion:264 Resp: 9478

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	84.9	75.0	112.4