Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010242.D
Acq On : 17 Mar 2020 16:35
Operator : CG/JU
Sample : L1903-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE131D3-20200309

Quant Time: Mar 17 17:25:45 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	3168	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	10727	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	6487	0.40	ng	-0.01
19) Phenanthrene-d10	17.00	188	15906	0.40	ng	0.00
27) Chrysene-d12	21.19	240	16858	0.40	ng	-0.01
34) Perylene-d12	23.37	264	19625	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	916	0.12	ng	0.00
5) Phenol-d6	6.81	99	646	0.07	ng	0.00
8) Nitrobenzene-d5	8.76	82	4178	0.65	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	5821	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	804	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	16860	0.73	ng	0.00
25) Fluoranthene-d10	19.02	212	17205	0.35	ng	0.00
29) Terphenyl-d14	19.64	244	22300	0.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	4827	1.562	ng	# 52
3) n-Nitrosodimethylamine	3.52	42	68	0.025	ng	# 28

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
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Acq On : 17 Mar 2020 16:35
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
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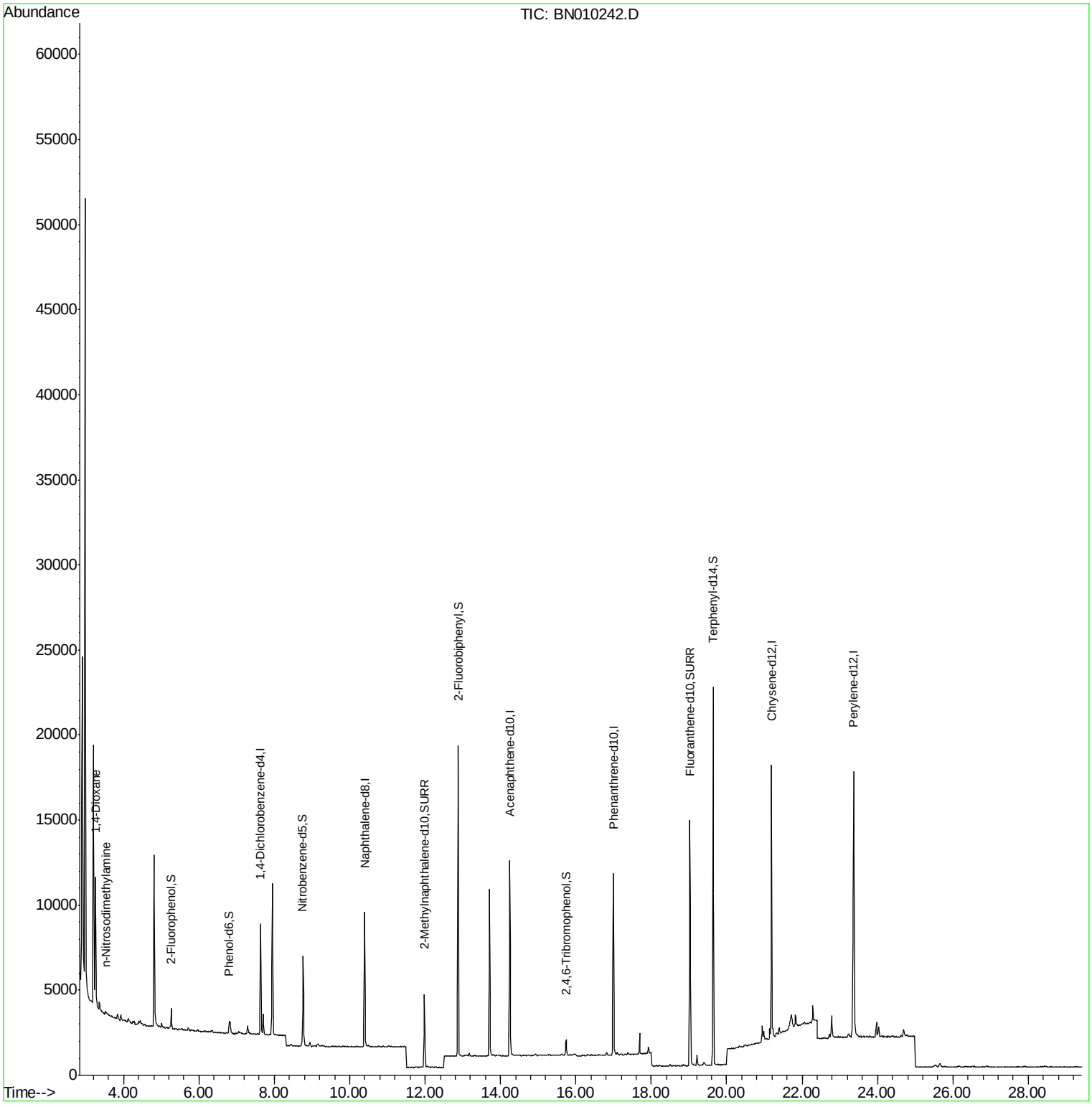
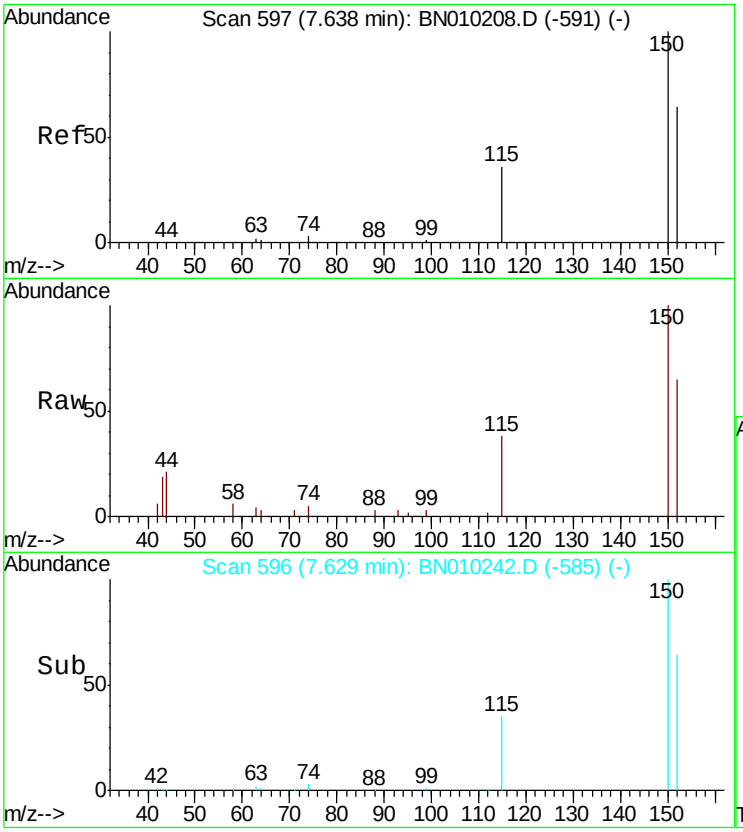


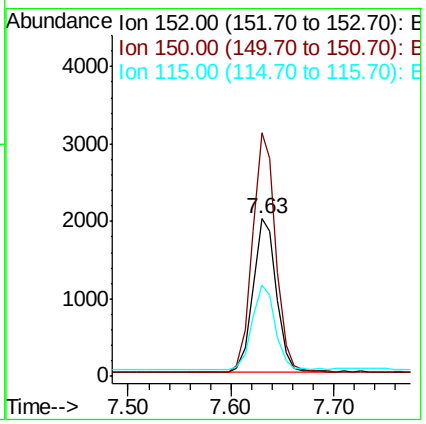


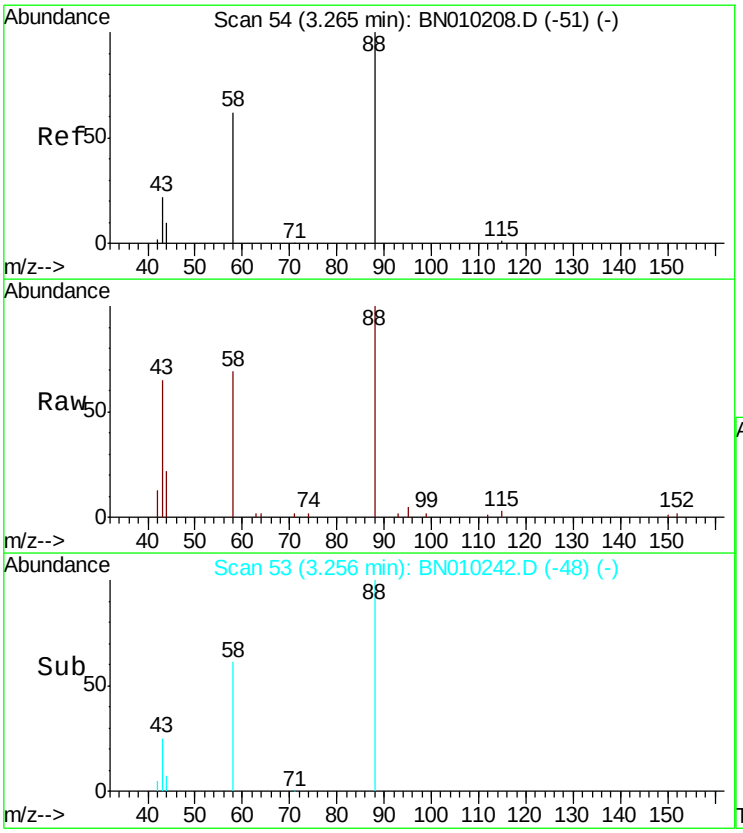
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Instrument :
BNA_N
ClientSampleId :
RE131D3-20200309

Tgt Ion:152 Resp: 3168

Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.5	179.3
115	58.4	50.9	76.3

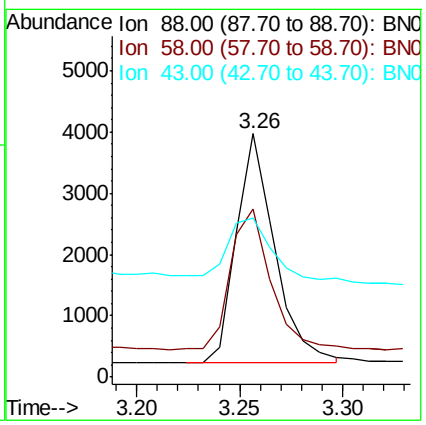


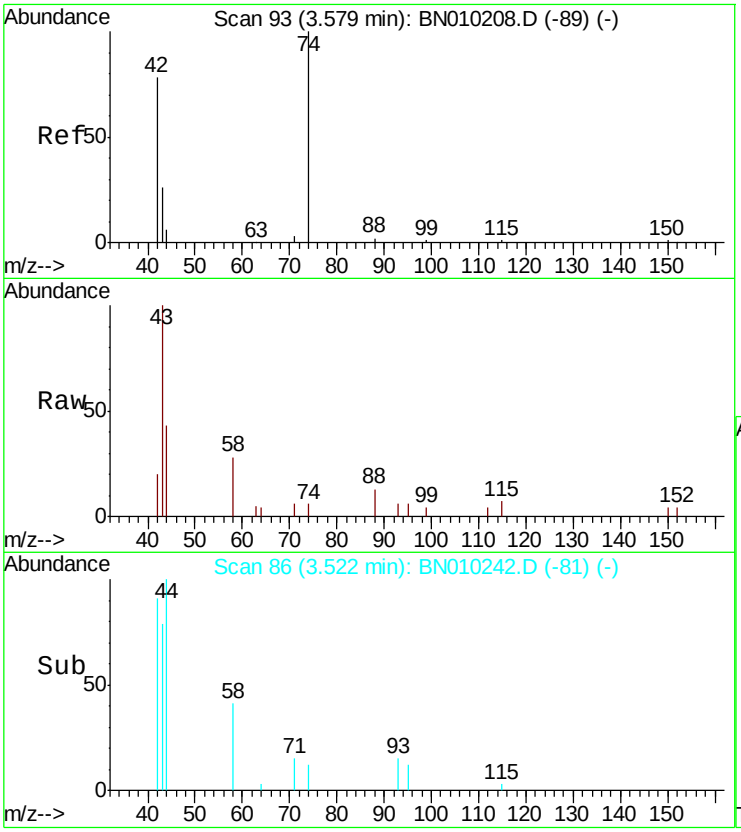


#2
1,4-Dioxane
Concen: 1.562 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Tgt Ion: 88 Resp: 4827

Ion	Ratio	Lower	Upper
88	100		
58	62.8	97.8	146.8#
43	29.7	45.1	67.7#



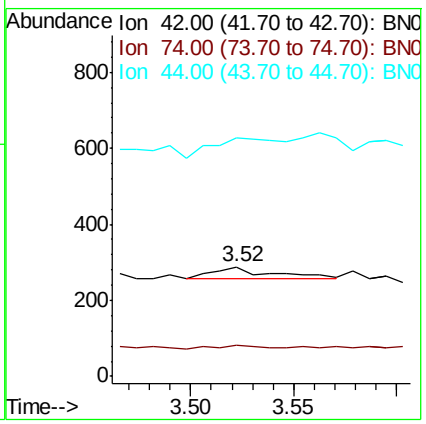


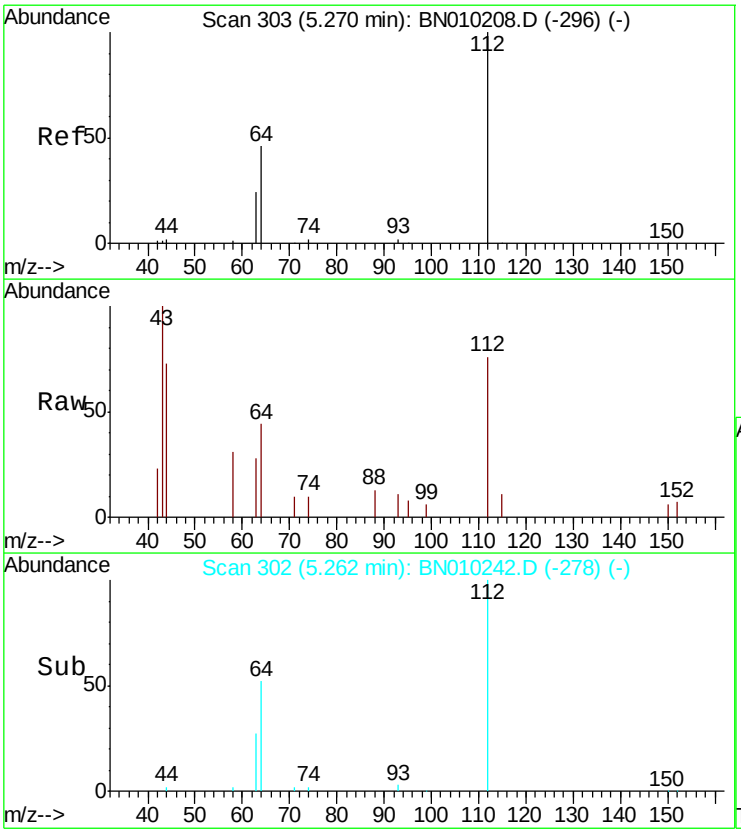
#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.52 min Scan# 86
Delta R.T. -0.06 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Instrument :
BNA_N
ClientSampleId :
RE131D3-20200309

Tgt Ion: 42 Resp: 68

Ion	Ratio	Lower	Upper
42	100		
74	26.5	51.2	76.8#
44	182.4	2.6	4.0#

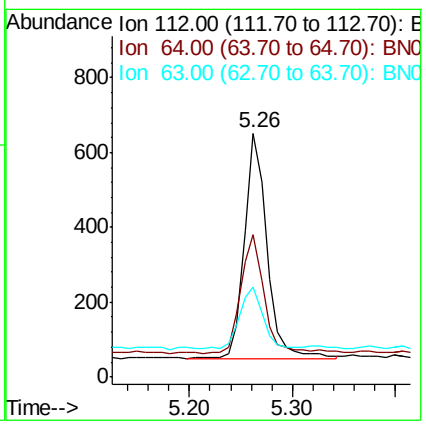


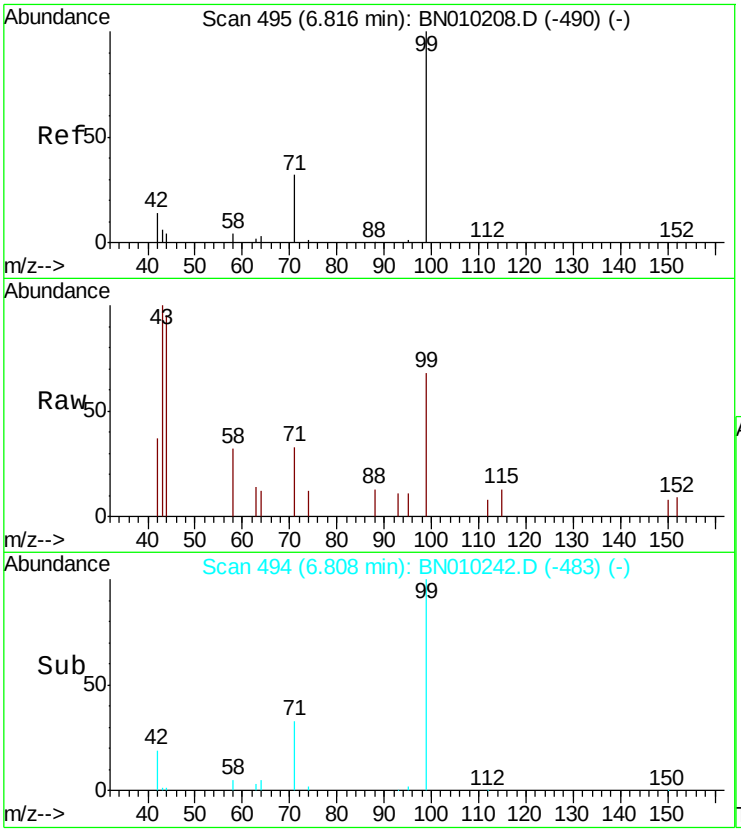


#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Tgt Ion:112 Resp: 916

Ion	Ratio	Lower	Upper
112	100		
64	55.0	42.6	63.8
63	28.7	23.6	35.4



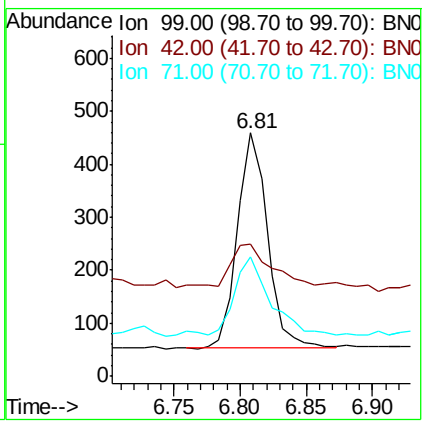


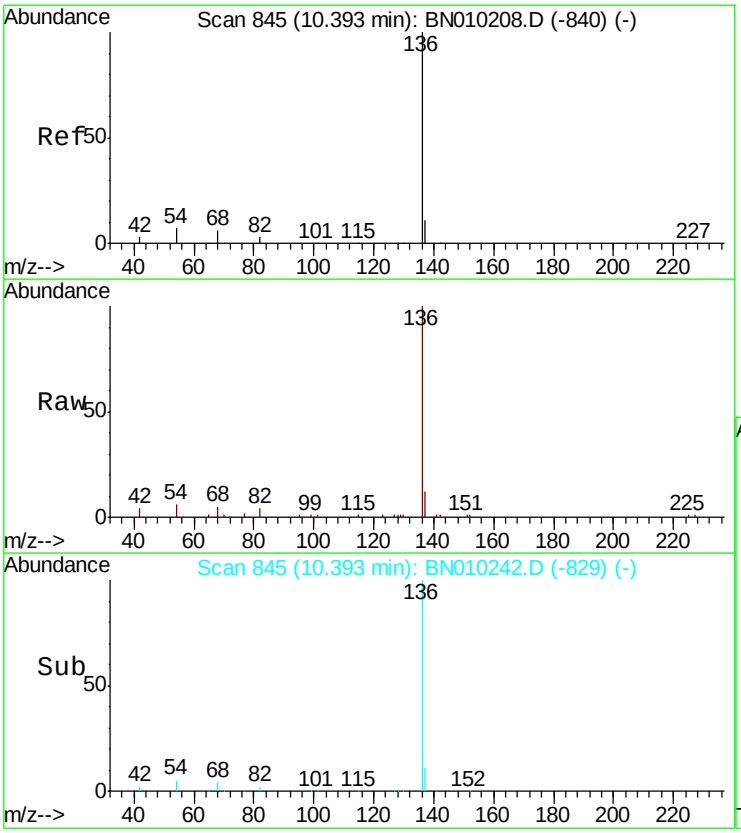
#5
Phenol-d6
Concen: 0.070 ng
RT: 6.81 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Instrument :
BNA_N
ClientSampleId :
RE131D3-20200309

Tgt Ion: 99 Resp: 646

Ion	Ratio	Lower	Upper
99	100		
42	23.8	12.0	18.0#
71	42.4	22.6	33.8#

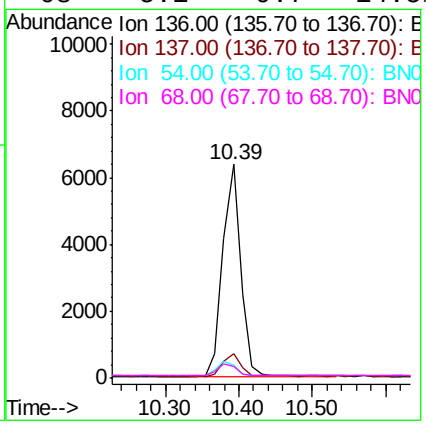


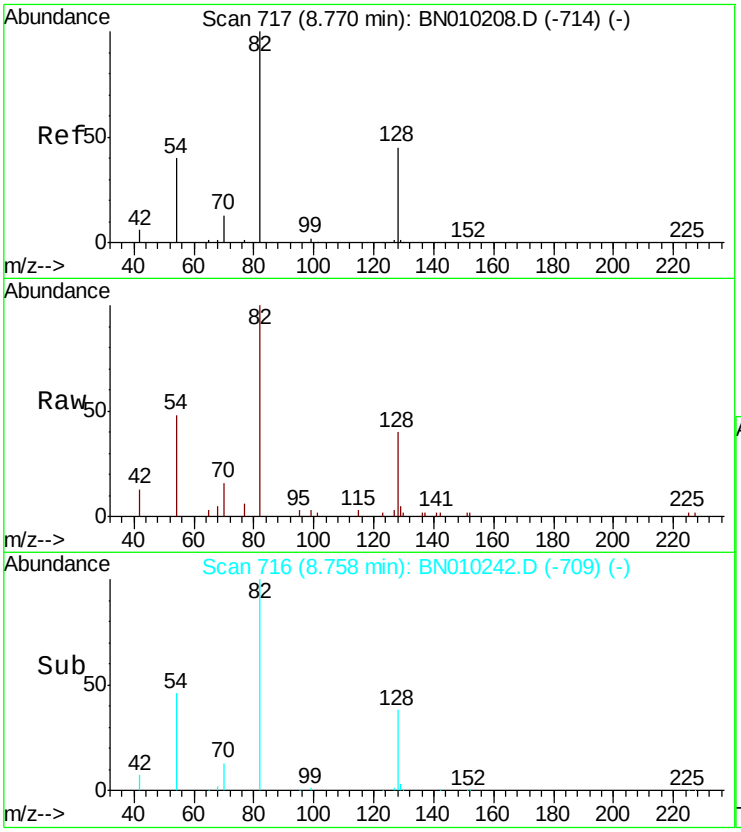


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Tgt Ion:136 Resp: 10727

Ion	Ratio	Lower	Upper
136	100		
137	11.6	10.6	15.8
54	5.8	9.5	14.3#
68	5.1	9.7	14.5#



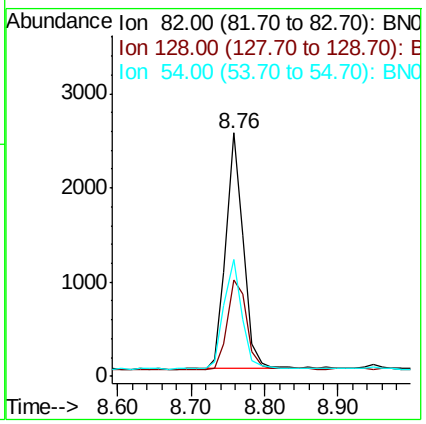


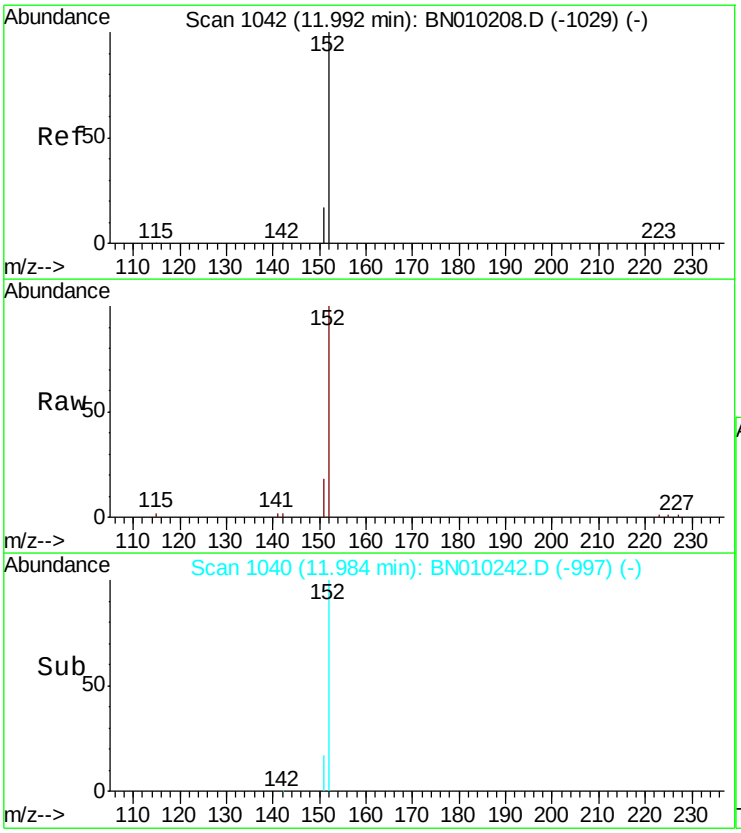
#8
Nitrobenzene-d5
Concen: 0.650 ng
RT: 8.76 min Scan# 716
Delta R.T. -0.01 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Instrument :
BNA_N
ClientSampleId :
RE131D3-20200309

Tgt Ion: 82 Resp: 4178

Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.0	52.6
54	47.9	37.0	55.4

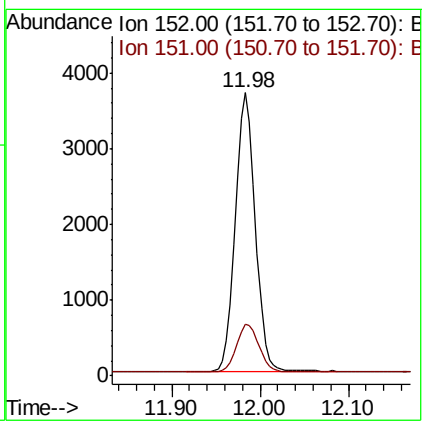


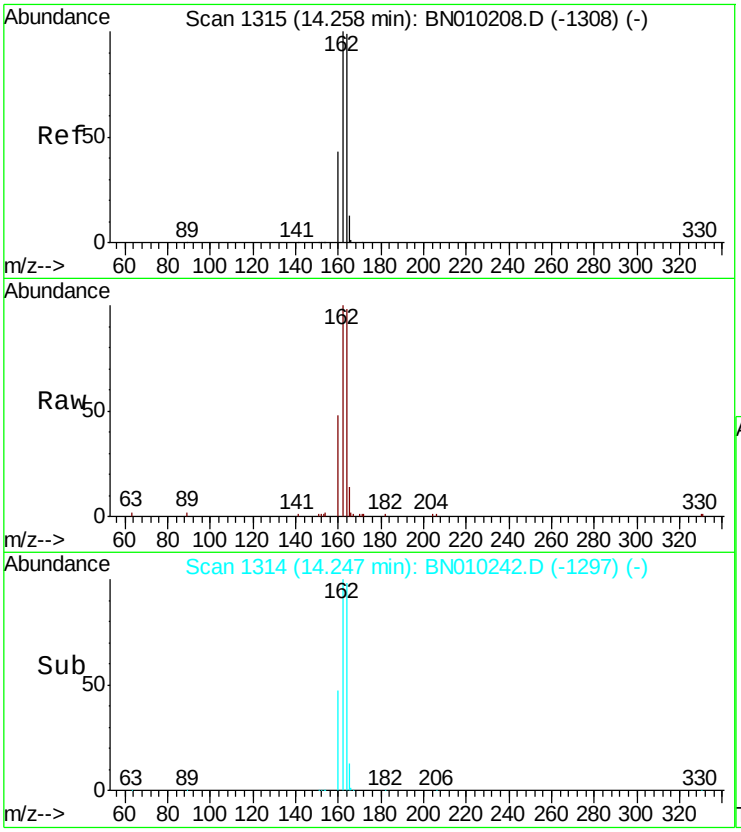


#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 11.98 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Tgt Ion:152 Resp: 5821

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6



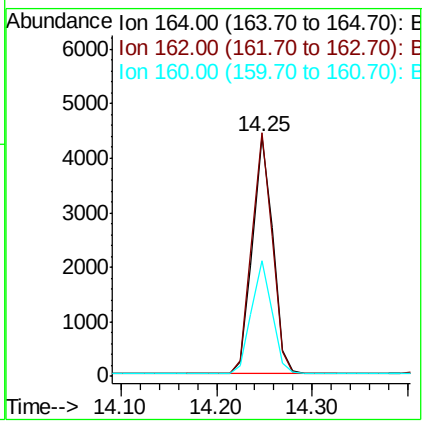


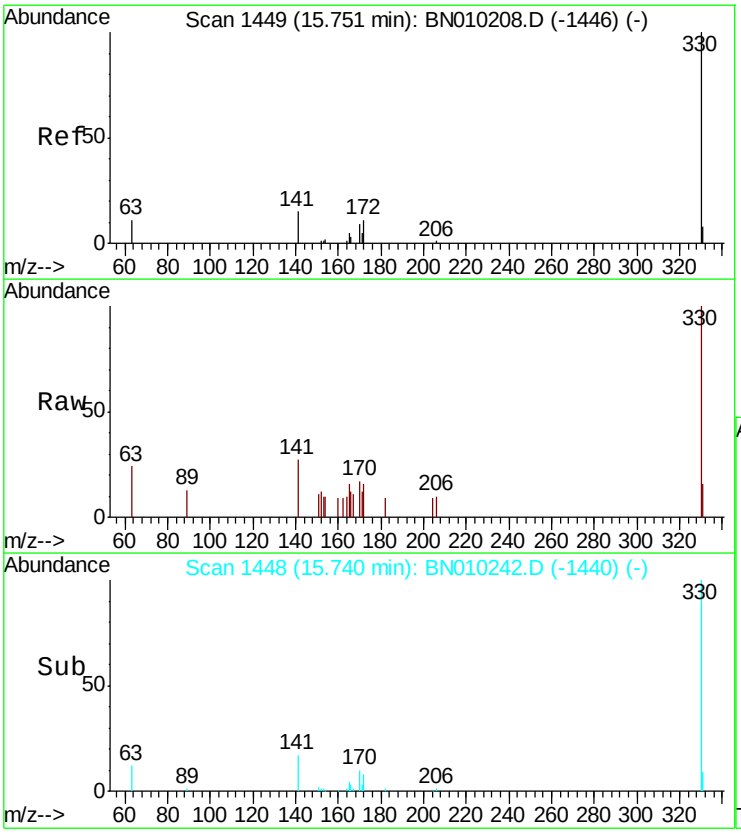
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Instrument :
BNA_N
ClientSampleId :
RE131D3-20200309

Tgt Ion:164 Resp: 6487

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.0	121.4
160	48.4	35.6	53.4

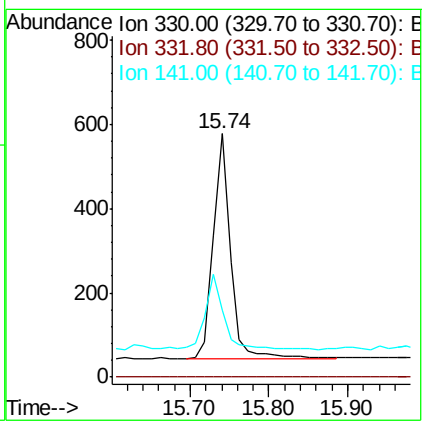


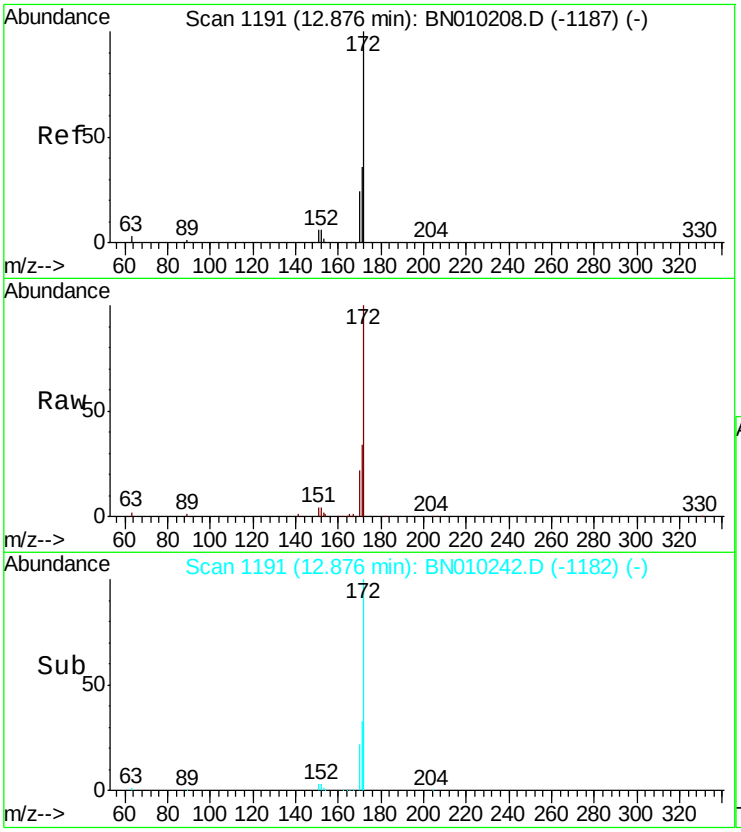


#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.74 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Tgt Ion:330 Resp: 804

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.1	25.1	37.7



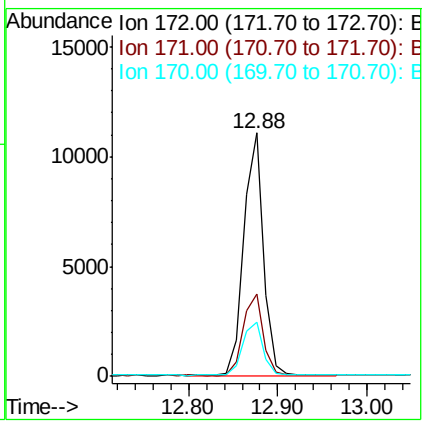


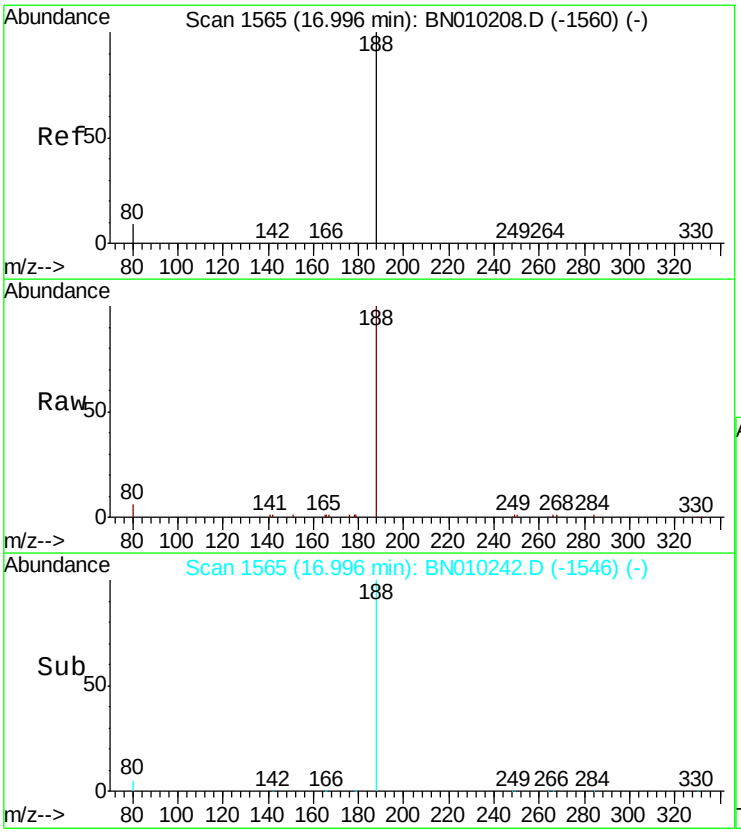
#15
2-Fluorobiphenyl
Concen: 0.730 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Instrument :
BNA_N
ClientSampleId :
RE131D3-20200309

Tgt Ion:172 Resp: 16860

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.4	44.2
170	22.2	20.2	30.4

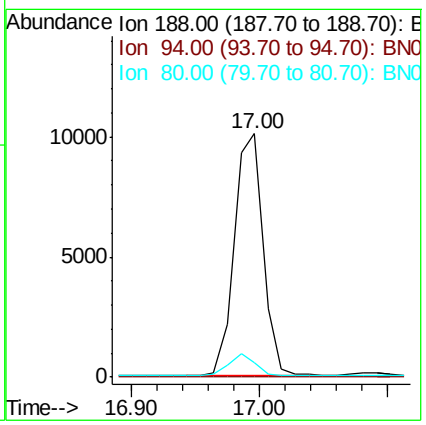


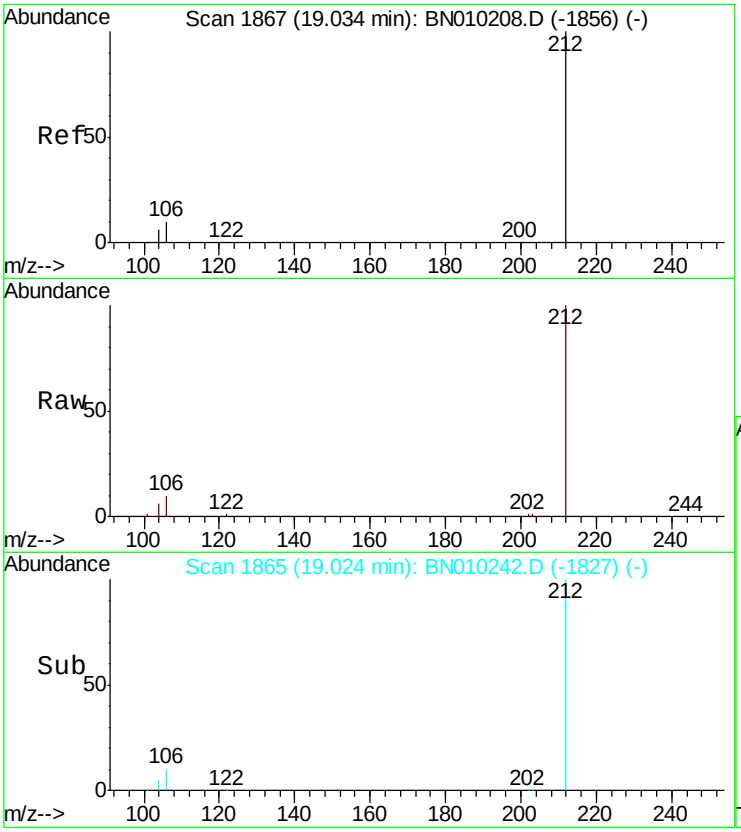


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Tgt Ion:188 Resp: 15906

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	8.6	12.8#



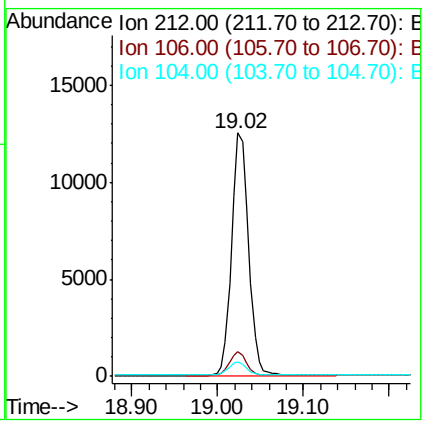


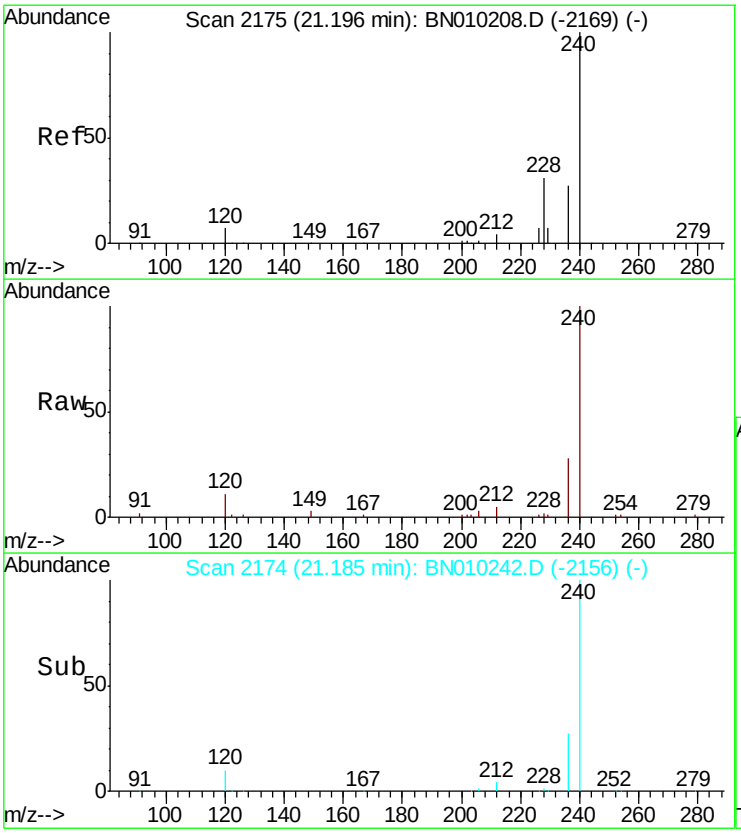
#25
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Instrument :
BNA_N
ClientSampleId :
RE131D3-20200309

Tgt Ion:212 Resp: 17205

Ion	Ratio	Lower	Upper
212	100		
106	9.4	8.1	12.1
104	5.5	4.7	7.1

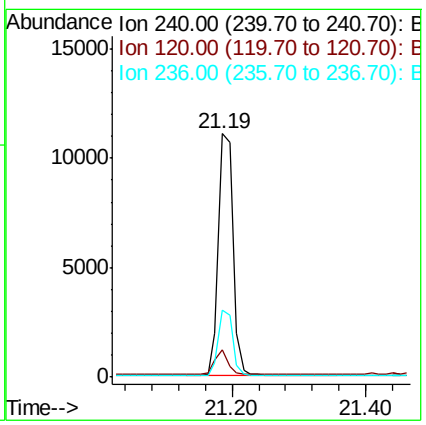


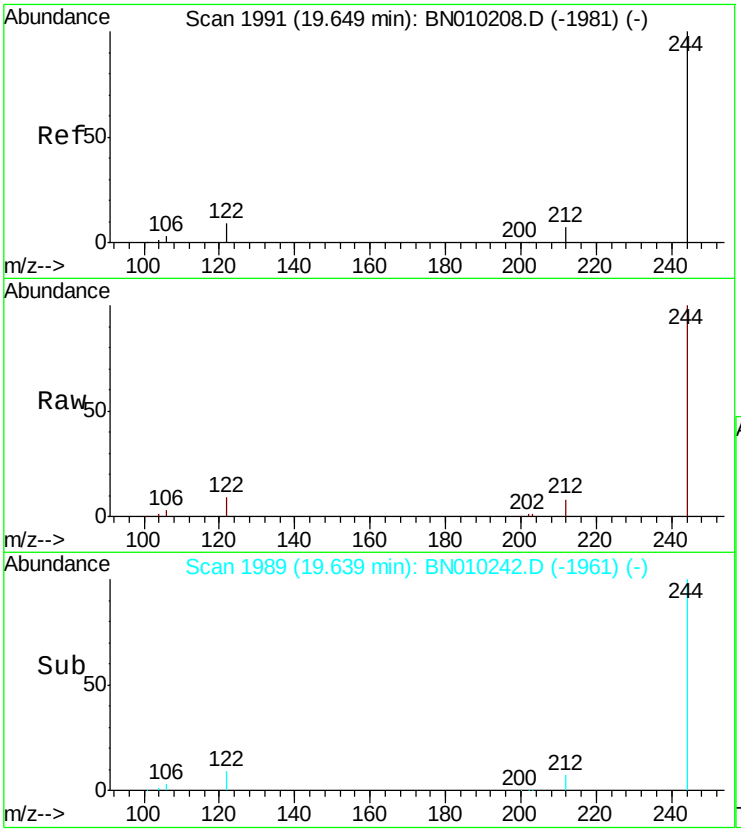


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Tgt Ion:240 Resp: 16858

Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.7	11.5
236	27.6	21.8	32.6



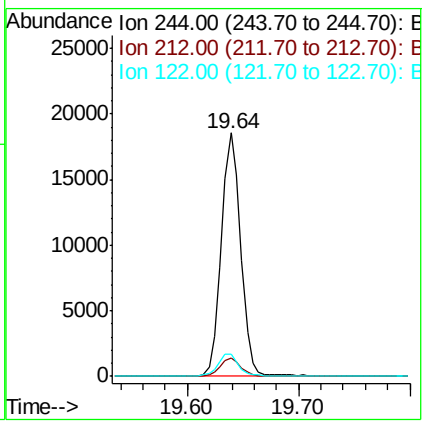


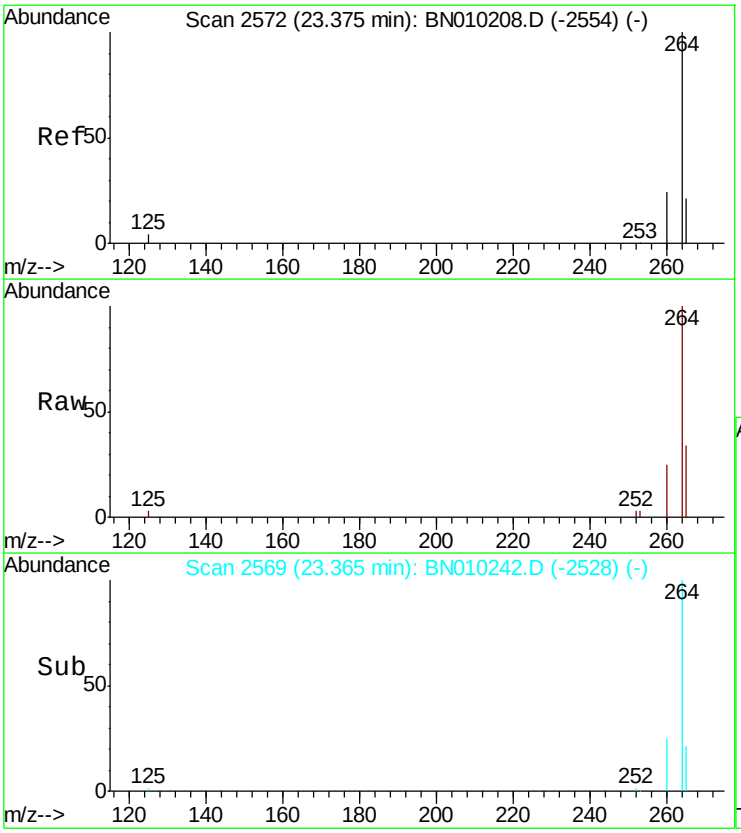
#29
Terphenyl-d14
Concen: 0.580 ng
RT: 19.64 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Instrument :
BNA_N
ClientSampleId :
RE131D3-20200309

Tgt Ion:244 Resp: 22300

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	9.0	8.1	12.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.37 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BN010242.D
Acq: 17 Mar 2020 16:35

Tgt Ion:264 Resp: 19625

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	33.7	25.8	38.6