Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010895.D
Acq On : 16 Jun 2020 07:23
Operator : CG/JU
Sample : L2989-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE122D3-20200610

Quant Time: Jun 16 08:33:31 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	2663	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	9487	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	5262	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	10677	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8895	0.40	ng	-0.01
34) Perylene-d12	23.27	264	9148	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	870	0.17	ng	0.00
5) Phenol-d6	6.74	99	591	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2593	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4668	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	686	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	8813	0.42	ng	0.00
25) Fluoranthene-d10	18.95	212	10813	0.37	ng	0.00
29) Terphenyl-d14	19.57	244	10766	0.52	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.34	128	518	0.022	ng	# 69
12) 2-Methylnaphthalene	11.97	142	507	0.032	ng	# 91
23) Phenanthrene	16.96	178	719	0.025	ng	96
32) Bis(2-ethylhexyl)phthalate	21.07	149	899	0.103	ng	91

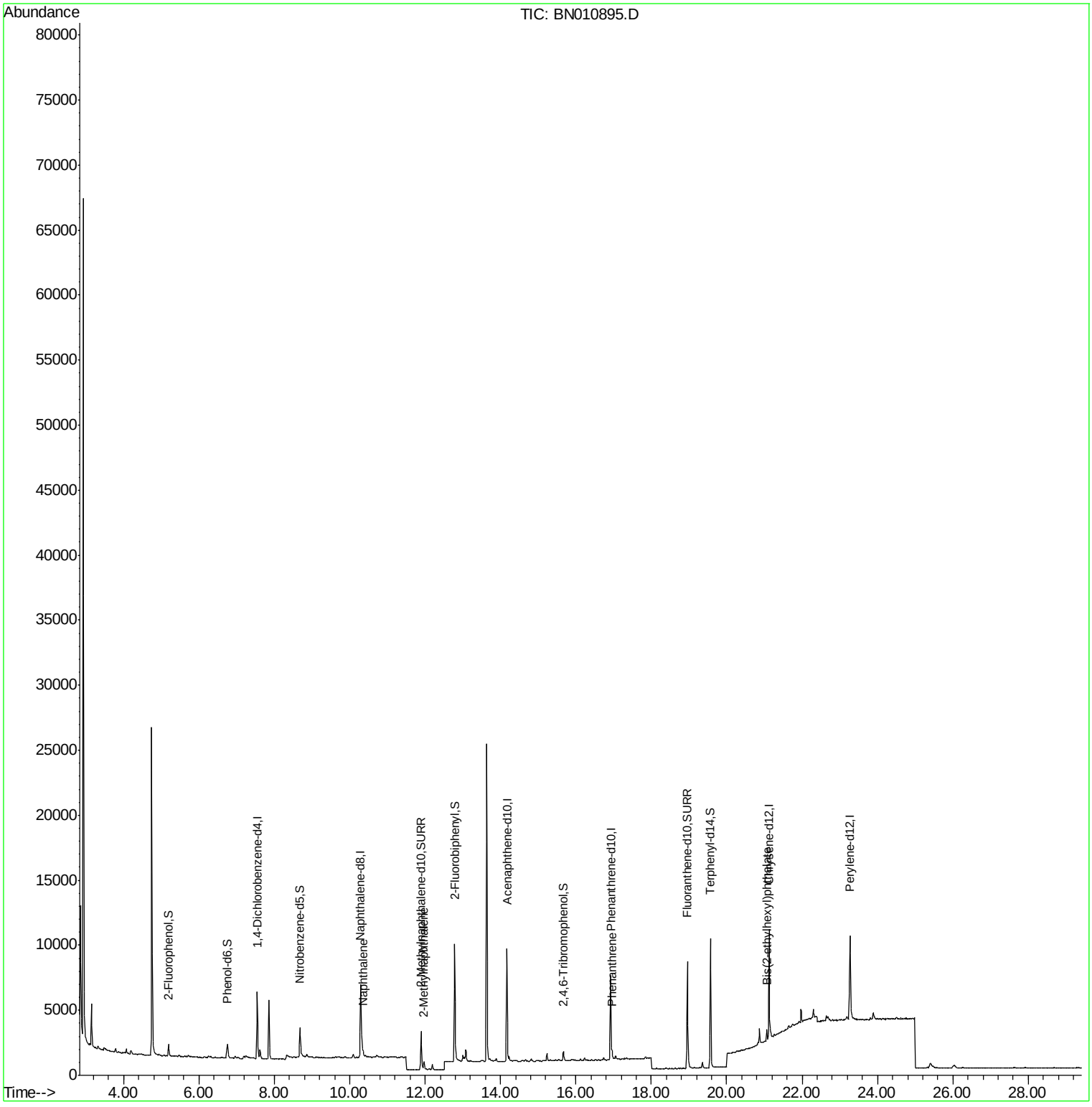
(#) = qualifier out of range (m) = manual integration (+) = signals summed

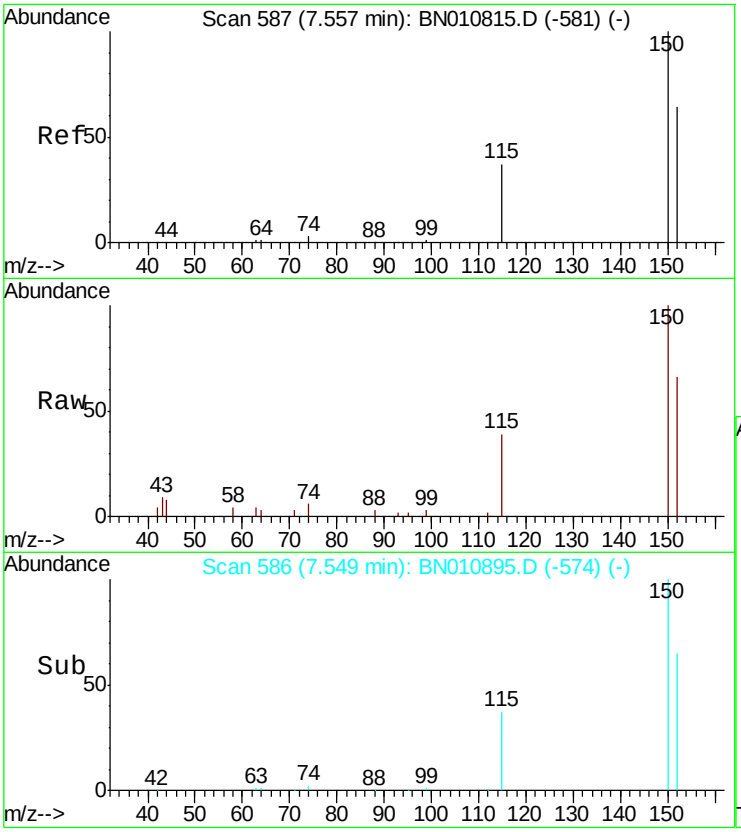
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010895.D
Acq On : 16 Jun 2020 07:23
Operator : CG/JU
Sample : L2989-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D3-20200610

Quant Time: Jun 16 08:33:31 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



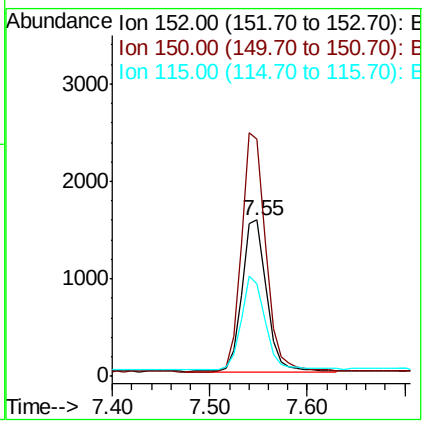


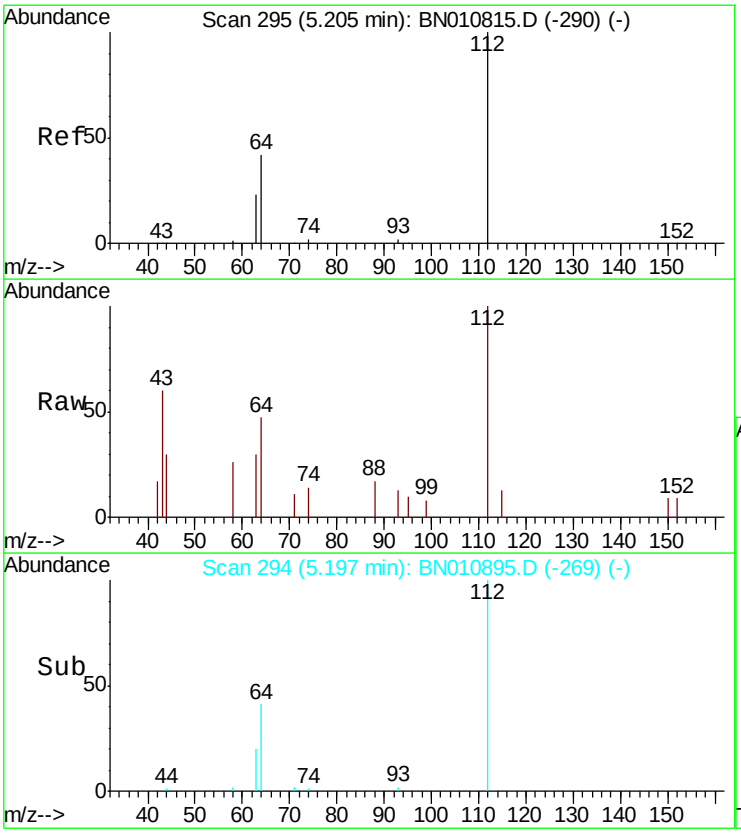
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Instrument :
BNA_N
ClientSampleId :
RE122D3-20200610

Tgt Ion:152 Resp: 2663

Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.8	185.6
115	59.1	49.2	73.8

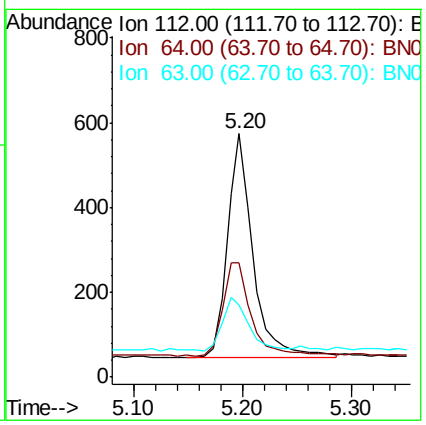


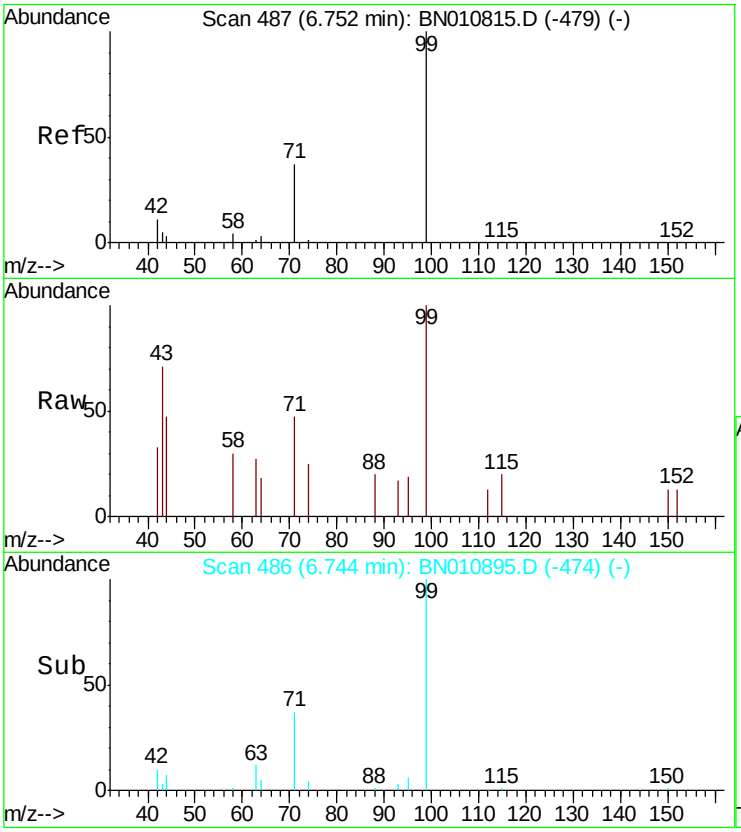


#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Tgt Ion:112 Resp: 870

Ion	Ratio	Lower	Upper
112	100		
64	46.3	37.4	56.0
63	23.2	22.2	33.4



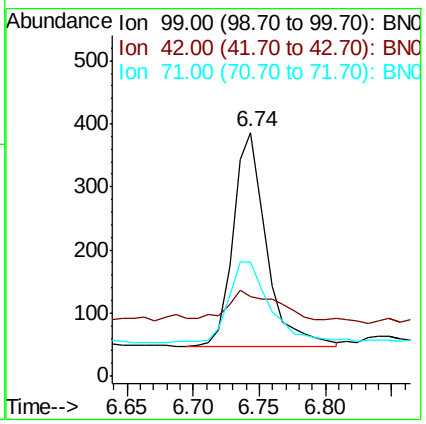


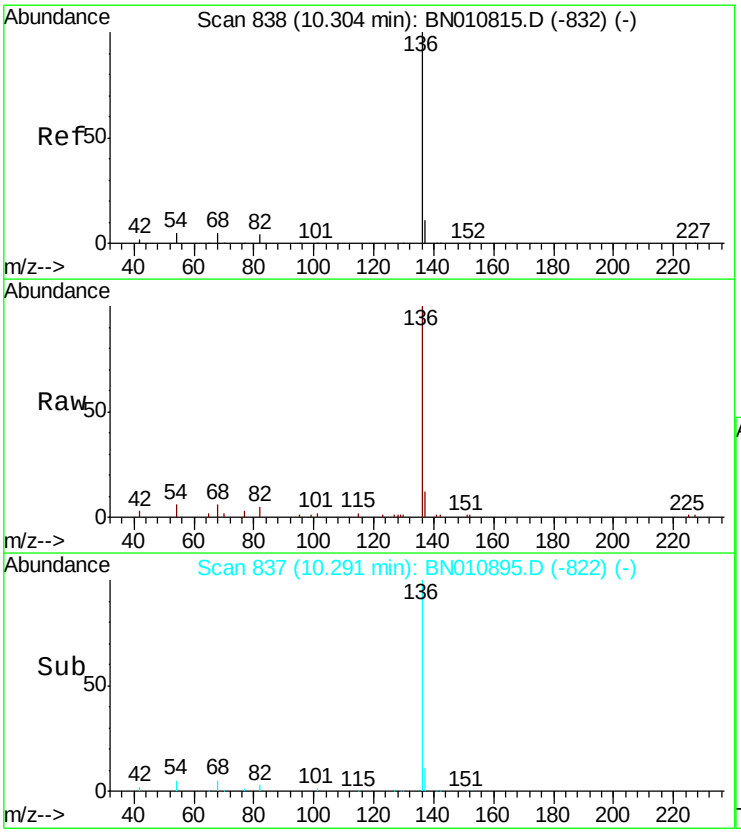
#5
Phenol-d6
Concen: 0.098 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Instrument :
BNA_N
ClientSampleId :
RE122D3-20200610

Tgt Ion: 99 Resp: 591

Ion	Ratio	Lower	Upper
99	100		
42	21.2	11.1	16.7#
71	48.6	31.4	47.2#

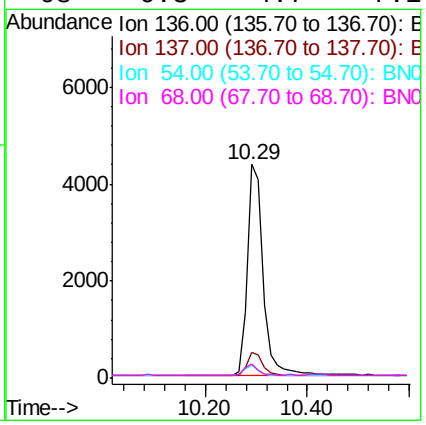


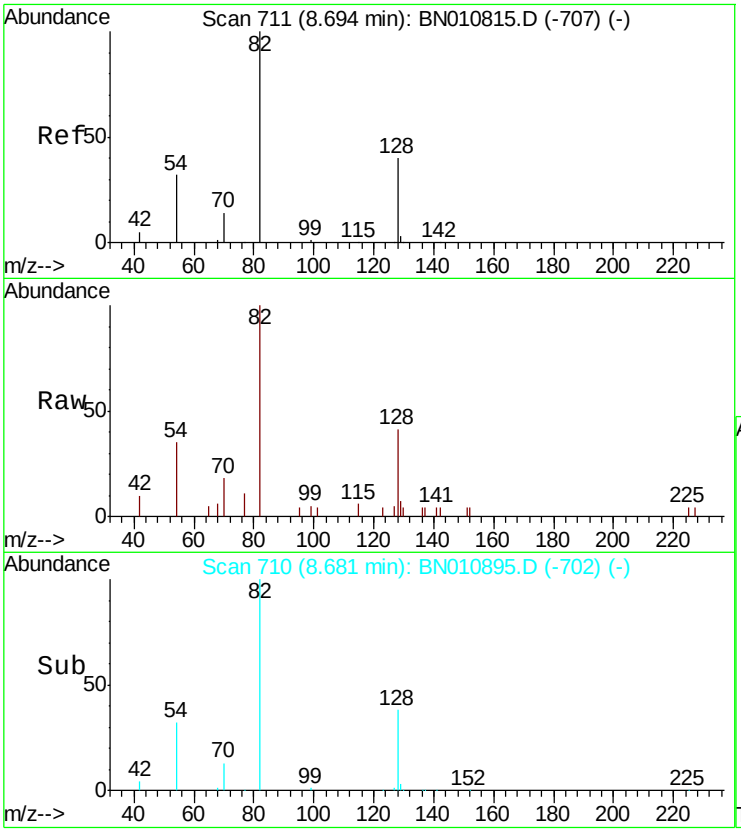


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Tgt Ion:136 Resp: 9487

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	6.2	4.9	7.3
68	6.3	4.7	7.1



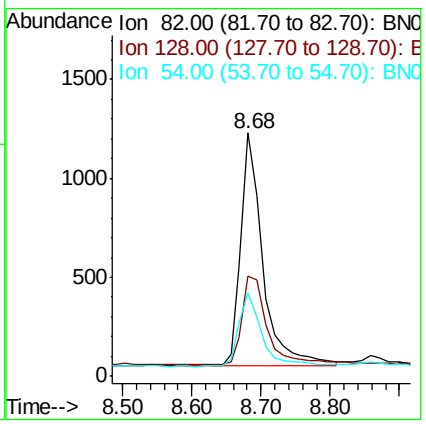


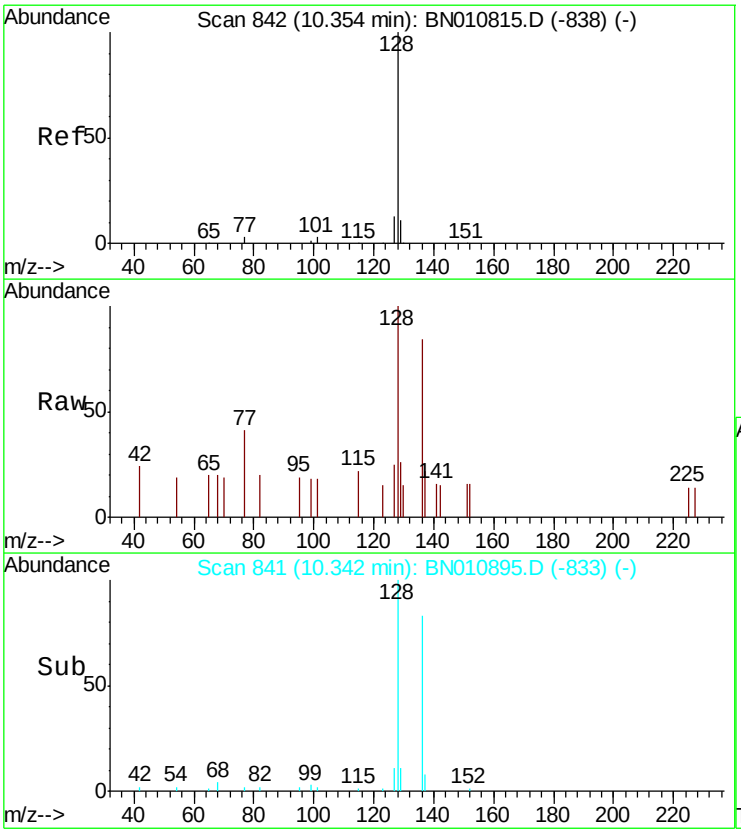
#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Instrument :
BNA_N
ClientSampleId :
RE122D3-20200610

Tgt Ion: 82 Resp: 2593

Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.4	53.0
54	34.5	28.2	42.4

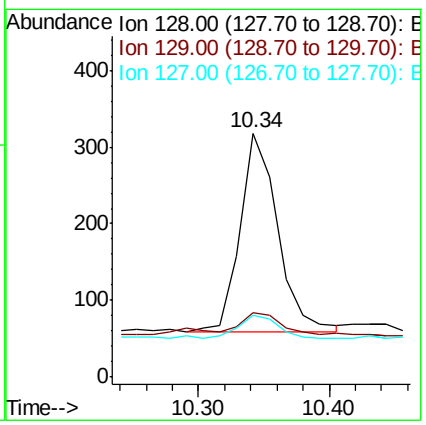


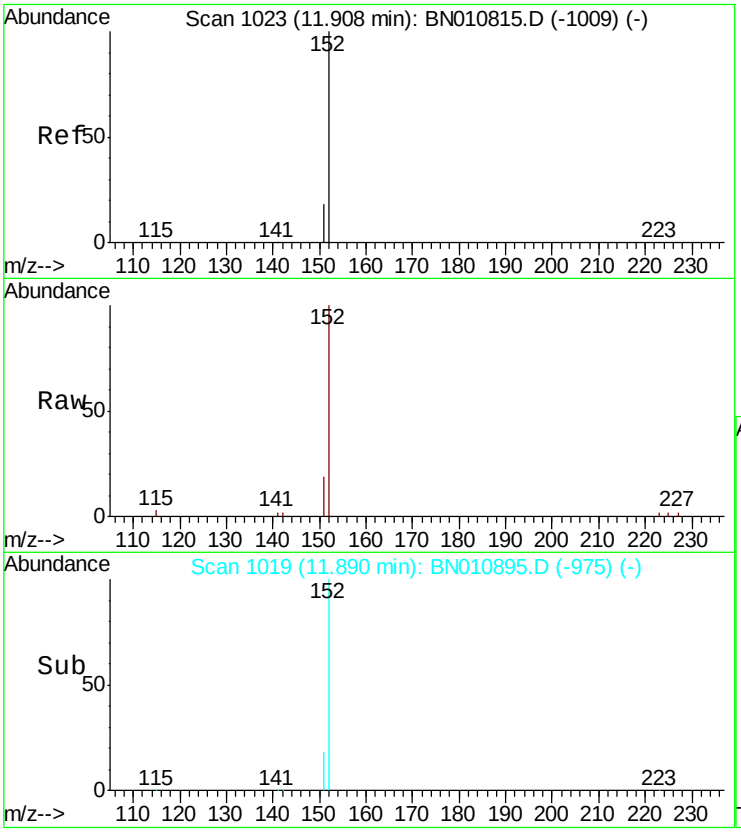


#9
Naphthalene
Concen: 0.022 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Tgt Ion:128 Resp: 518

Ion	Ratio	Lower	Upper
128	100		
129	26.4	9.6	14.4#
127	25.2	11.4	17.2#



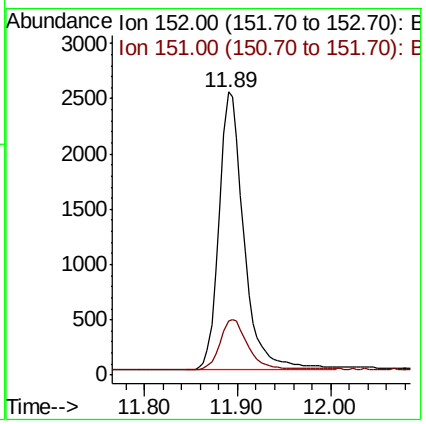


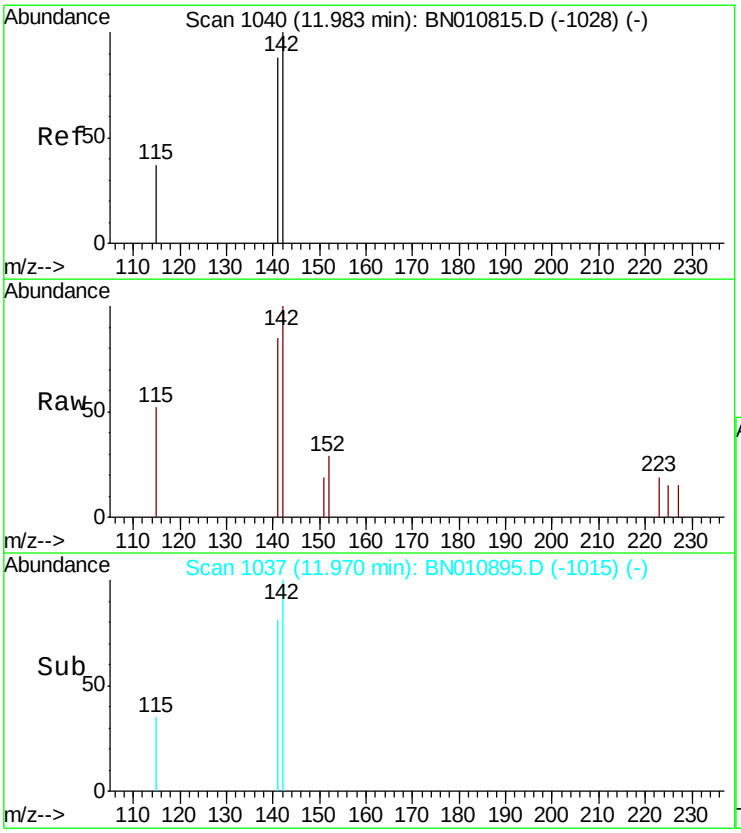
#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Instrument :
BNA_N
ClientSampleId :
RE122D3-20200610

Tgt Ion:152 Resp: 4668

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.3	22.9

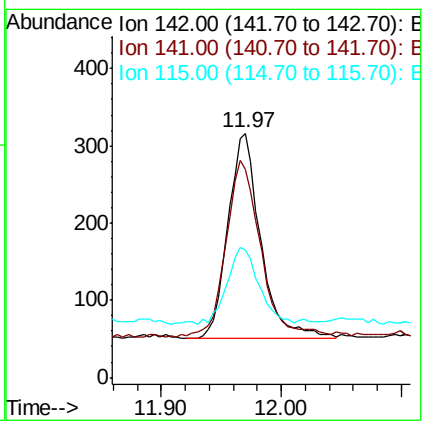


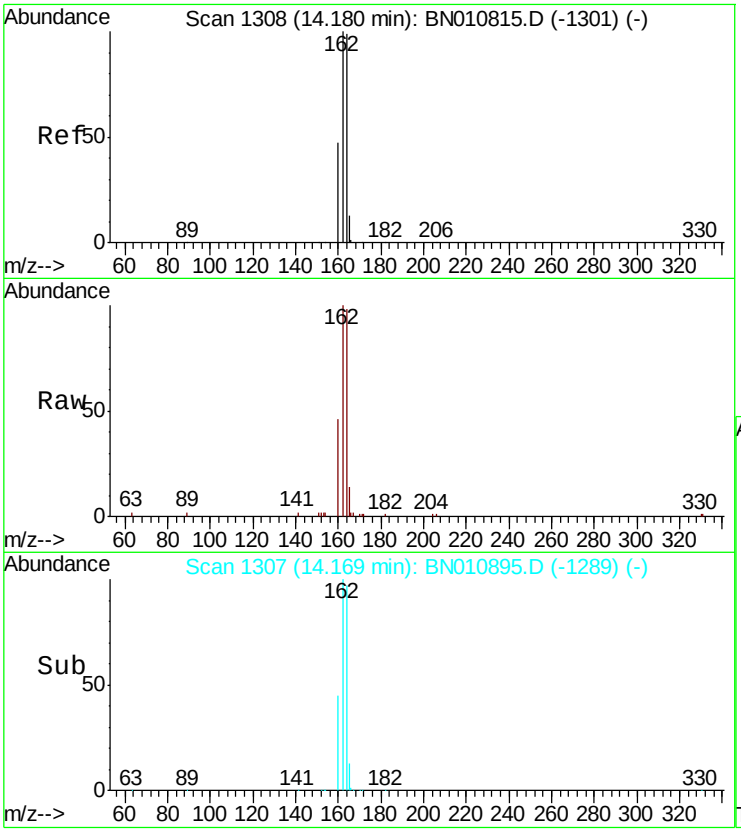


#12
2-Methylnaphthalene
Concen: 0.032 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Tgt Ion:142 Resp: 507

Ion	Ratio	Lower	Upper
142	100		
141	85.1	70.8	106.2
115	52.2	31.5	47.3#



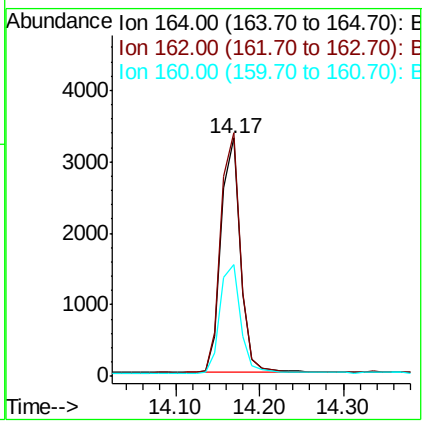


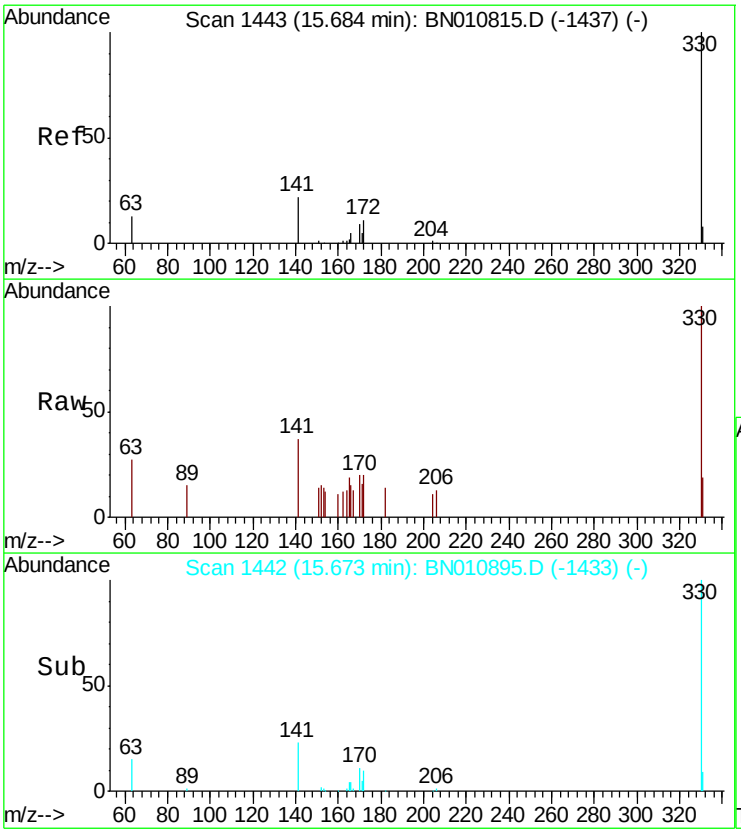
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Instrument :
BNA_N
ClientSampleId :
RE122D3-20200610

Tgt Ion:164 Resp: 5262

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.0	121.6
160	46.9	38.9	58.3

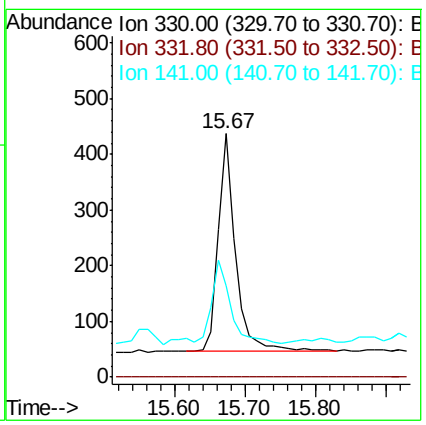


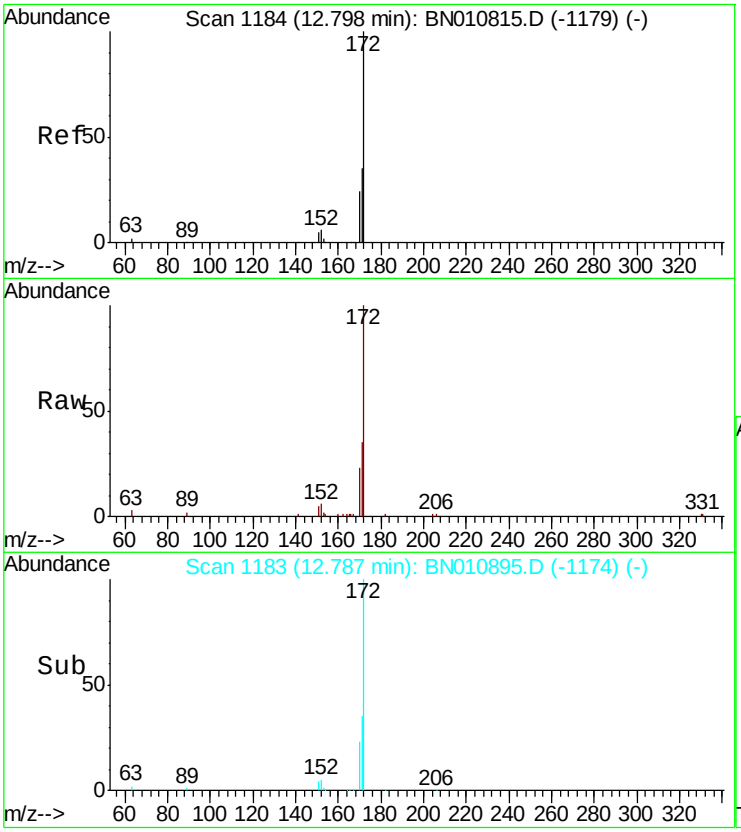


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Tgt Ion:330 Resp: 686

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.3	33.2	49.8



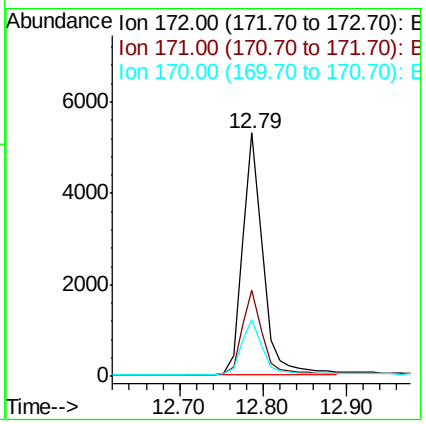


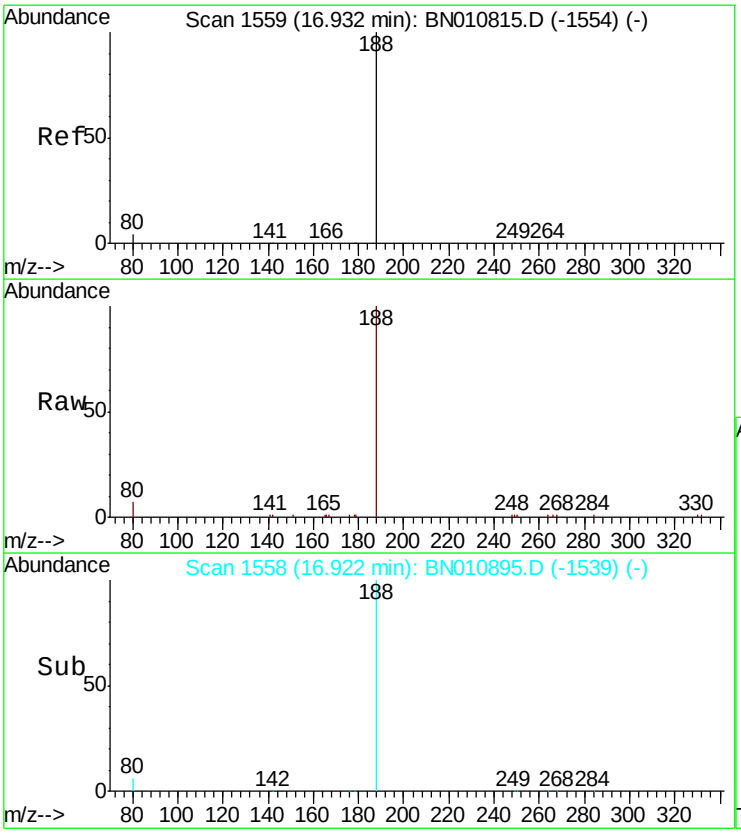
#15
2-Fluorobiphenyl
Concen: 0.424 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Instrument :
BNA_N
ClientSampleId :
RE122D3-20200610

Tgt Ion:172 Resp: 8813

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.4	19.7	29.5

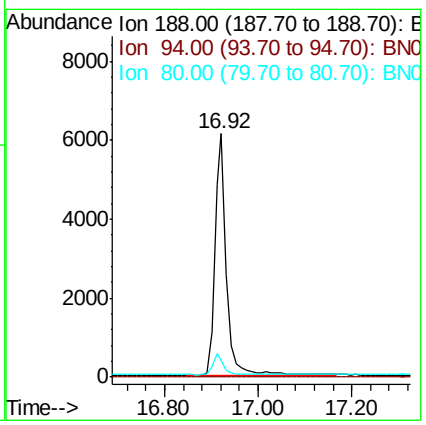


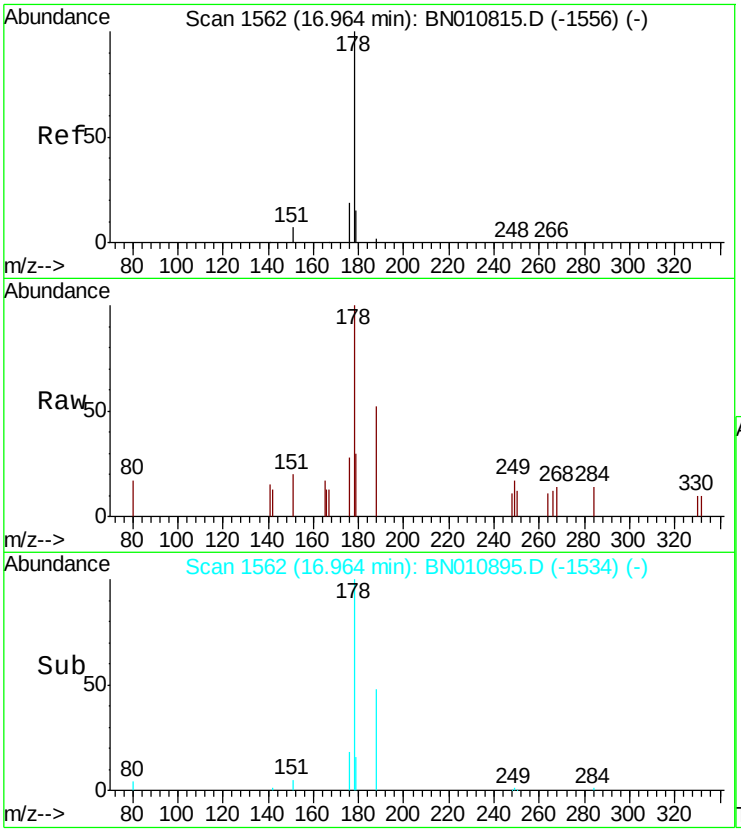


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Tgt Ion:188 Resp: 10677

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	4.5	6.7#



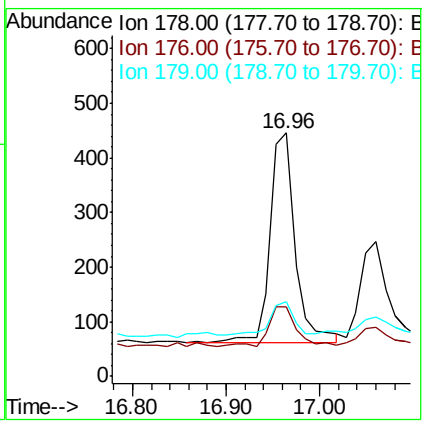


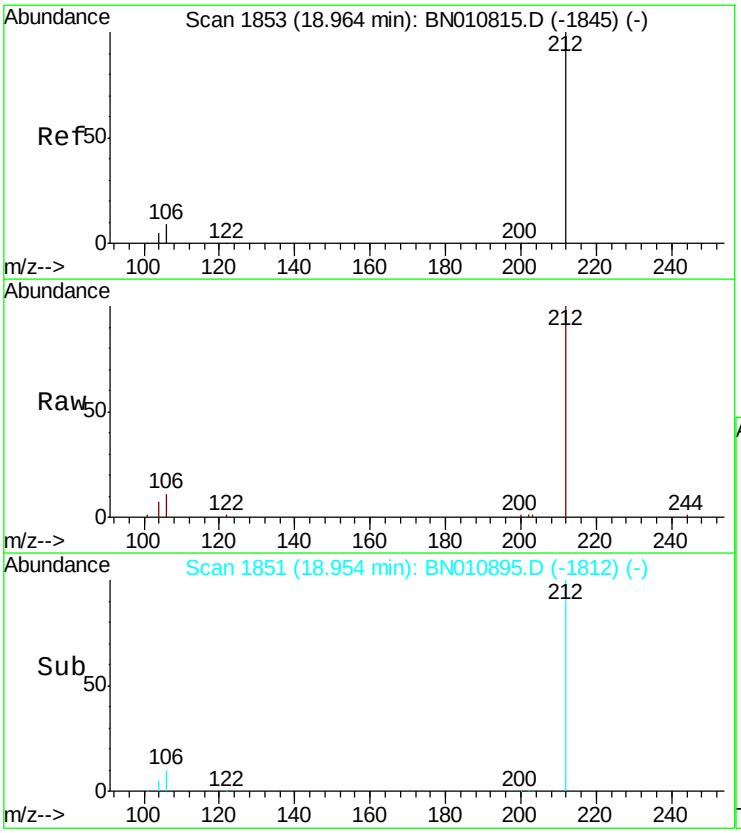
#23
Phenanthrene
Concen: 0.025 ng
RT: 16.96 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Instrument :
BNA_N
ClientSampleId :
RE122D3-20200610

Tgt Ion:178 Resp: 719

Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.3	22.9
179	15.3	12.6	19.0

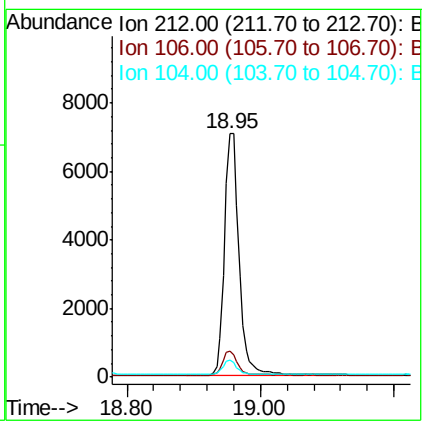


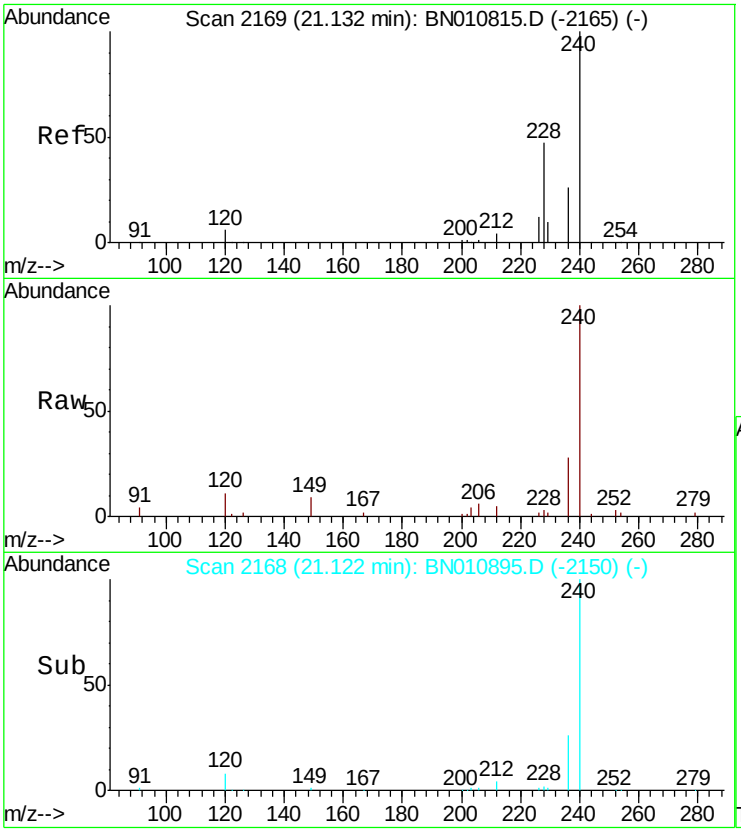


#25
Fluoranthene-d10
Concen: 0.367 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Tgt Ion:212 Resp: 10813

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



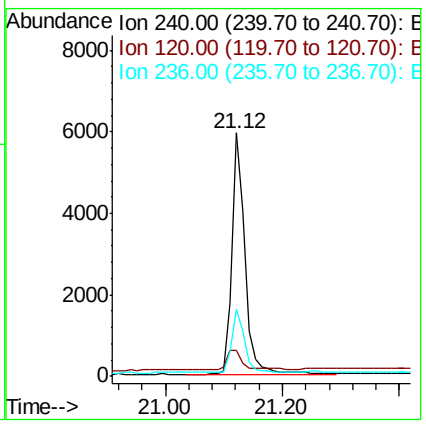


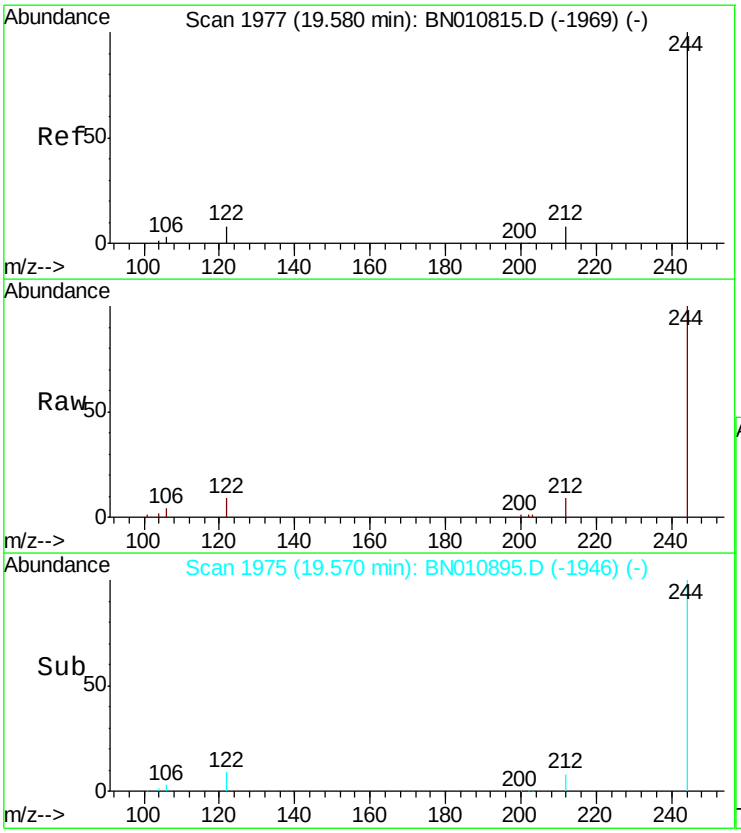
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Instrument :
BNA_N
ClientSampleId :
RE122D3-20200610

Tgt Ion:240 Resp: 8895

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.5	11.3
236	27.6	22.3	33.5

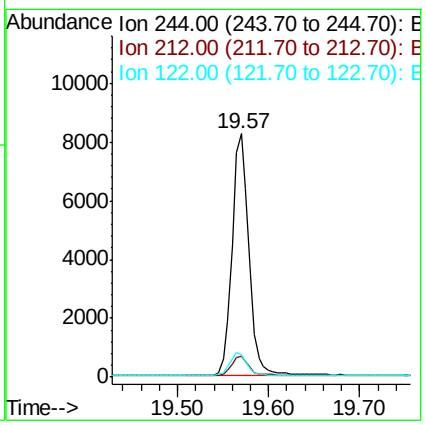


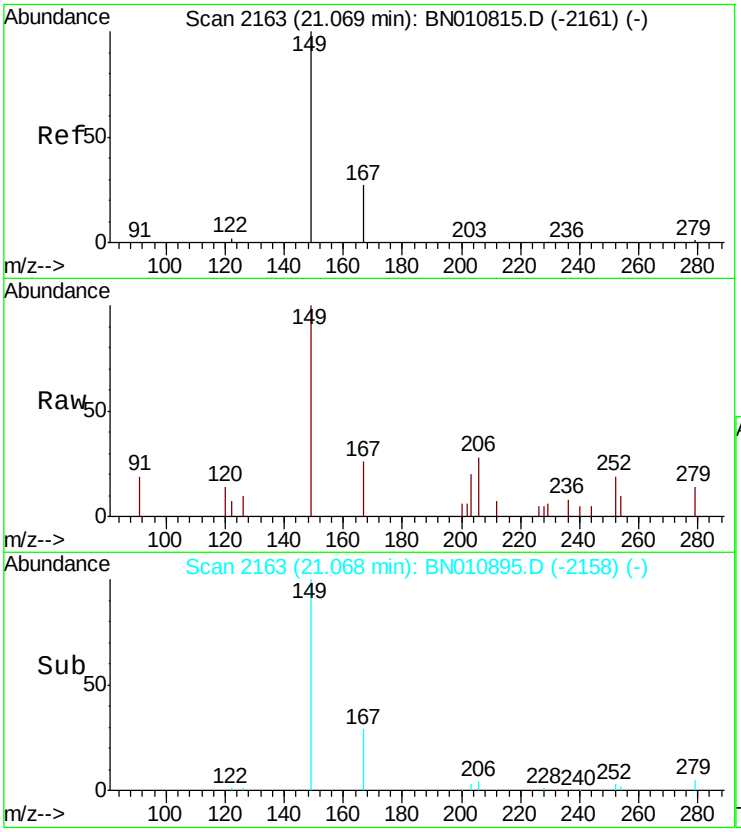


#29
Terphenyl-d14
Concen: 0.517 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Tgt Ion:244 Resp: 10766

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	9.4	7.5	11.3



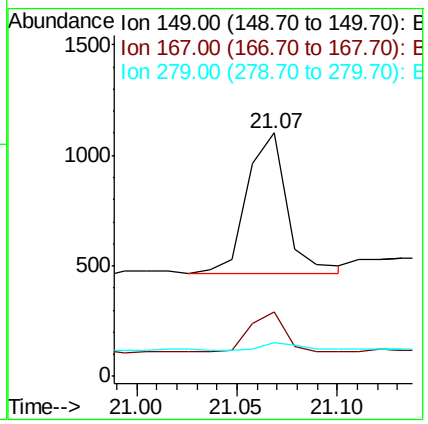


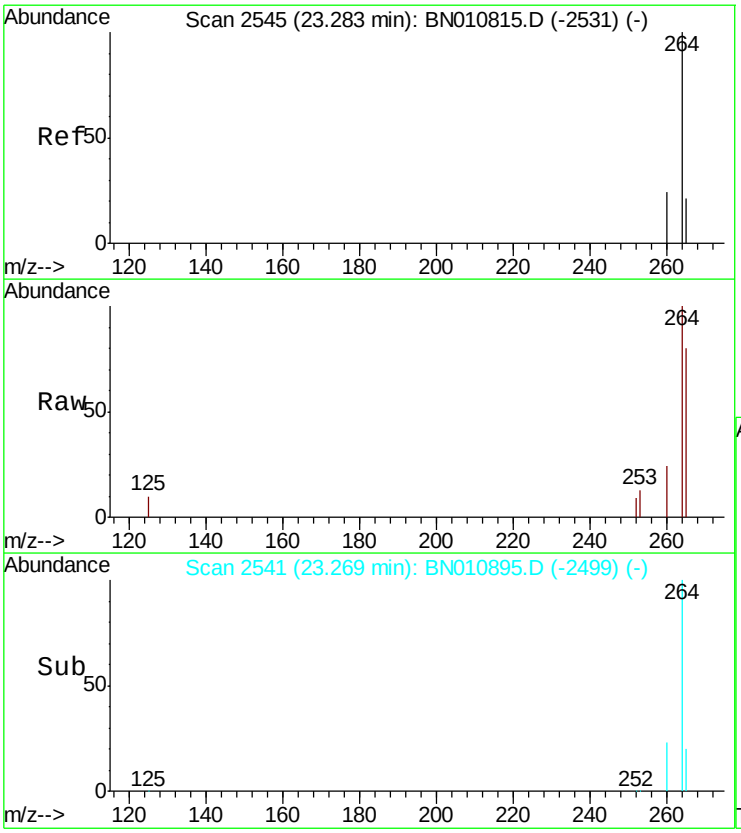
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.103 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Instrument :
BNA_N
ClientSampleId :
RE122D3-20200610

Tgt Ion:149 Resp: 899

Ion	Ratio	Lower	Upper
149	100		
167	24.5	24.1	36.1
279	5.6	4.6	7.0





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.27 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BN010895.D
Acq: 16 Jun 2020 07:23

Tgt Ion:264 Resp: 9148

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.4	30.6
265	79.5	75.0	112.4