Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070720\
Data File : BN011109.D
Acq On : 07 Jul 2020 09:24
Operator : CG/JU
Sample : PB129931BL
Misc : MDL-SOIL-PBBL-06
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129931BL

Quant Time: Jul 07 10:50:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 10:47:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2039	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	6147	0.40	ng	0.03
13) Acenaphthene-d10	14.14	164	3254	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	6602	0.40	ng	0.02
29) Chrysene-d12	21.11	240	5682	0.40	ng	0.01
36) Perylene-d12	23.25	264	5777	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1492	0.29	ng	0.00
5) Phenol-d6	6.73	99	1301	0.22	ng	0.00
8) Nitrobenzene-d5	8.68	82	1687	0.32	ng	0.03
11) 2-Methylnaphthalene-d10	11.88	152	3999	0.38	ng	0.03
14) 2,4,6-Tribromophenol	15.68	330	292	0.21	ng	0.04
15) 2-Fluorobiphenyl	12.77	172	4081	0.27	ng	0.03
27) Fluoranthene-d10	18.94	212	7973	0.40	ng	0.00
31) Terphenyl-d14	19.55	244	5748	0.39	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylphenol	15.32	198	5	0.096	ng	# 42
23) Atrazine	16.03	200	268	0.086	ng	# 6
24) Pentachlorophenol	16.59	266	36	0.026	ng	# 88
35) Indeno(1,2,3-cd)pyrene	25.37	276	517	0.023	ng	# 76
40) Dibenzo(a,h)anthracene	25.38	278	562	0.027	ng	# 1

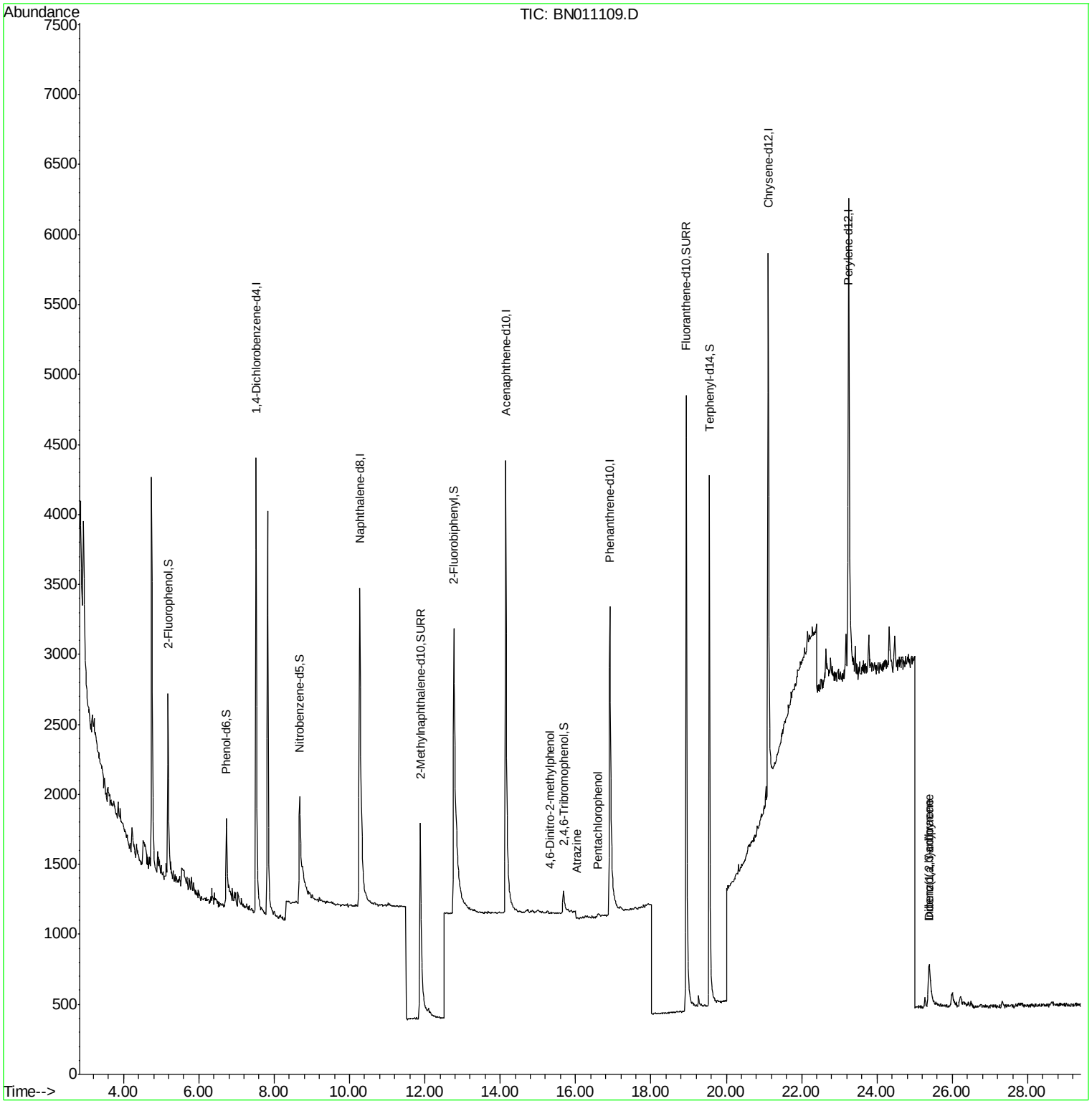
(#) = qualifier out of range (m) = manual integration (+) = signals summed

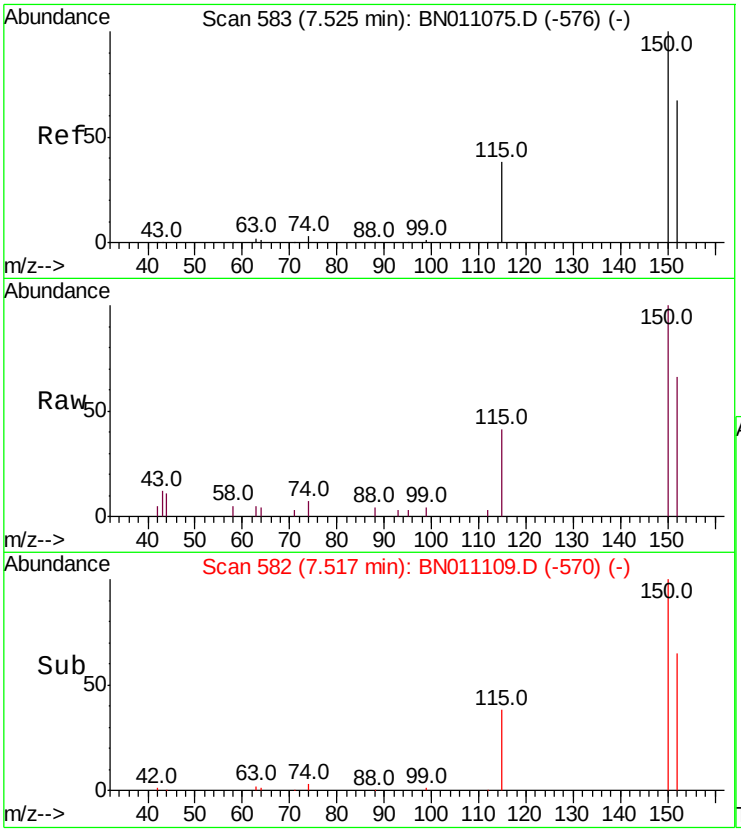
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070720\
Data File : BN011109.D
Acq On : 07 Jul 2020 09:24
Operator : CG/JU
Sample : PB129931BL
Misc : MDL-SOIL-PBBL-06
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB129931BL

Quant Time: Jul 07 10:50:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 10:47:09 2020
Response via : Initial Calibration



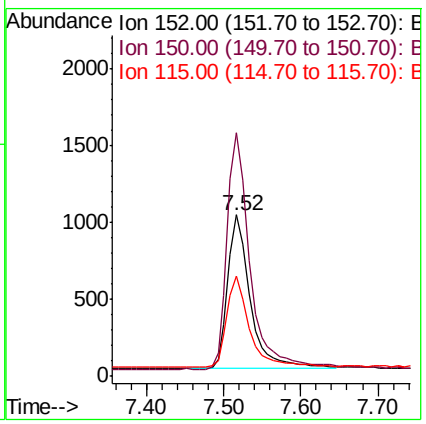


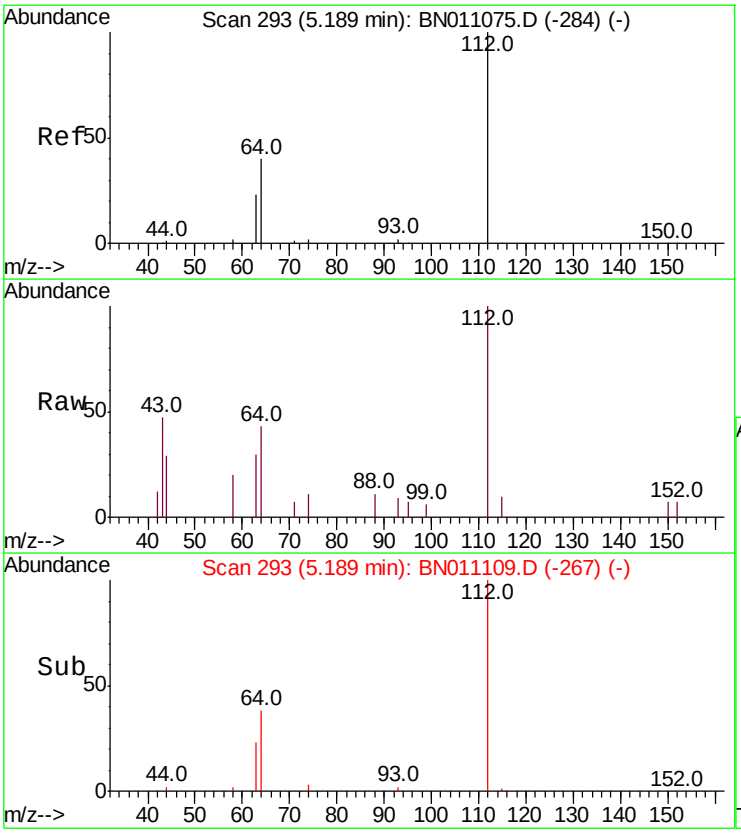
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.00 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Instrument :
BNA_N
ClientSampleId :
PB129931BL

Tgt Ion:152 Resp: 2039

Ion	Ratio	Lower	Upper
152	100		
150	150.6	117.4	176.0
115	61.7	47.9	71.9

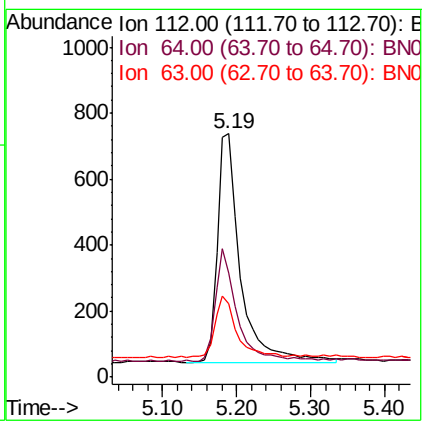


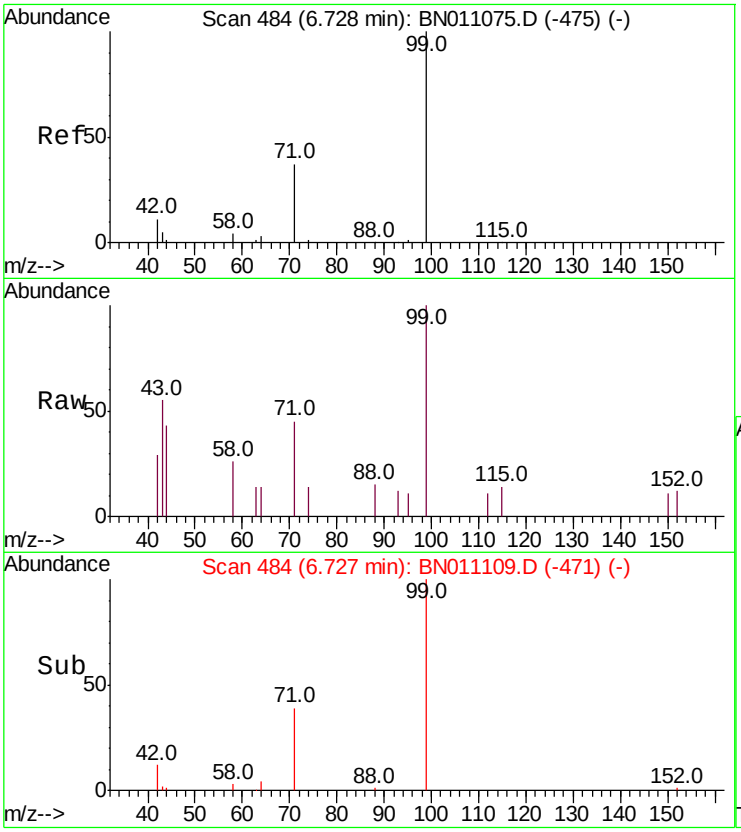


#4
2-Fluorophenol
Concen: 0.294 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.01 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Tgt Ion:112 Resp: 1492

Ion	Ratio	Lower	Upper
112	100		
64	46.2	36.5	54.7
63	25.0	20.6	30.8



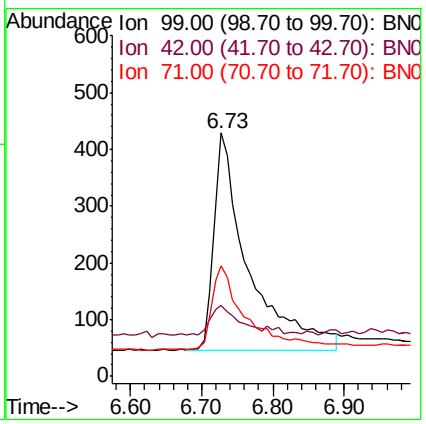


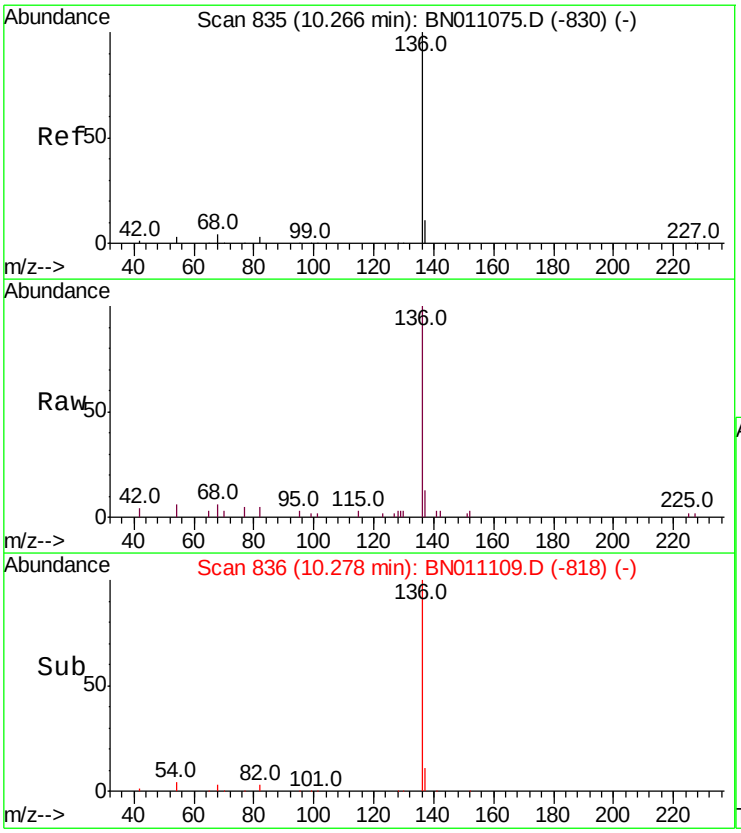
#5
Phenol-d6
Concen: 0.223 ng
RT: 6.73 min Scan# 484
Delta R.T. 0.01 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Instrument :
BNA_N
ClientSampleId :
PB129931BL

Tgt Ion: 99 Resp: 1301

Ion	Ratio	Lower	Upper
99	100		
42	11.1	9.8	14.8
71	38.4	30.7	46.1

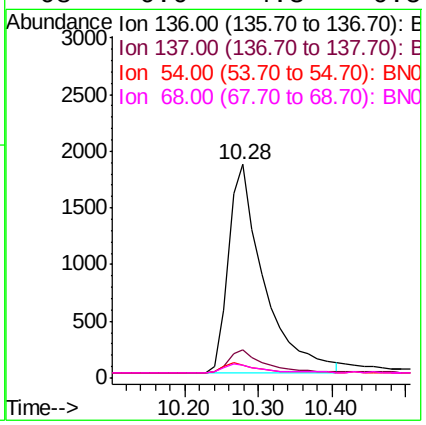


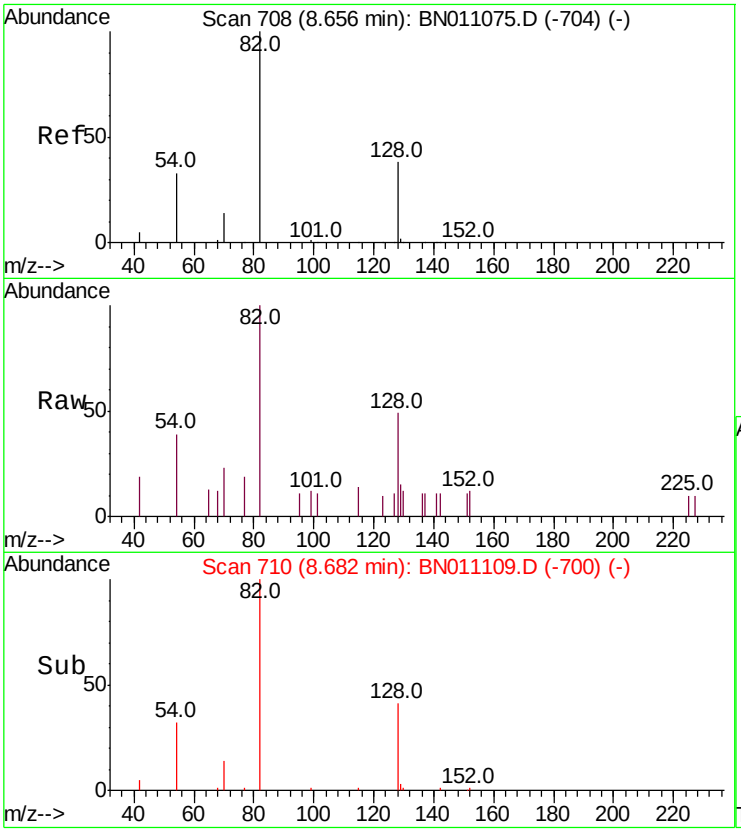


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.28 min Scan# 836
Delta R.T. 0.03 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Tgt Ion:136 Resp: 6147

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.6	14.4
54	6.0	3.8	5.6#
68	6.0	4.3	6.5



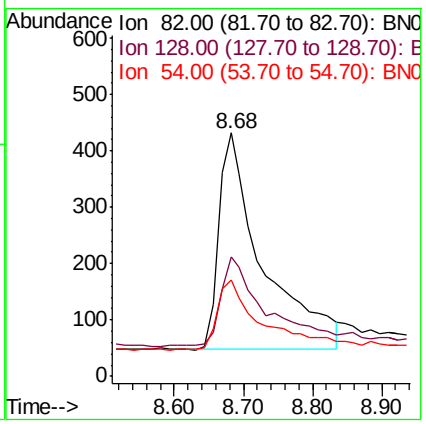


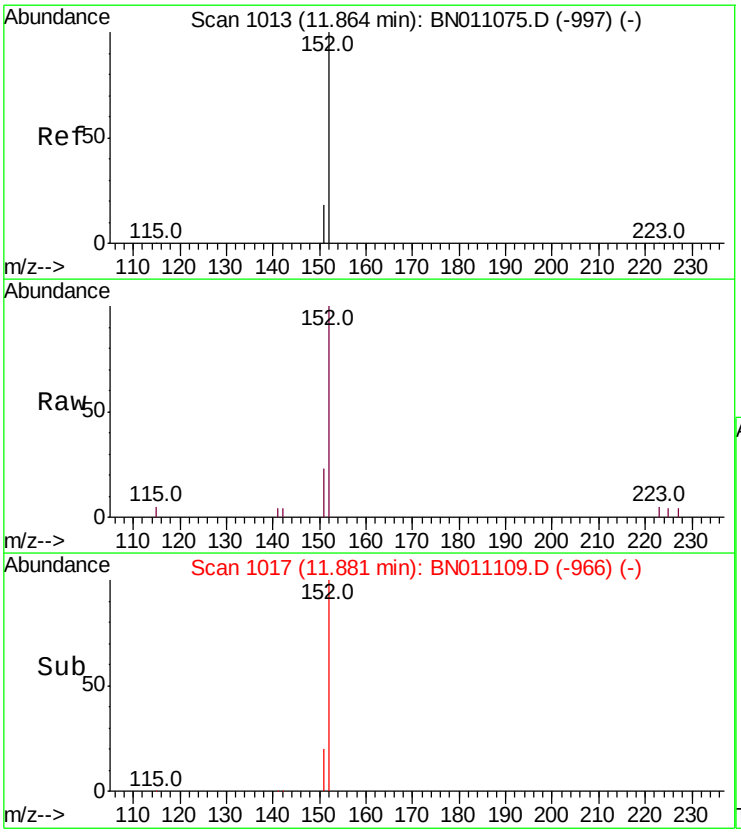
#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.03 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Instrument :
BNA_N
ClientSampleId :
PB129931BL

Tgt Ion: 82 Resp: 1687

Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.2	51.2
54	39.4	29.4	44.0

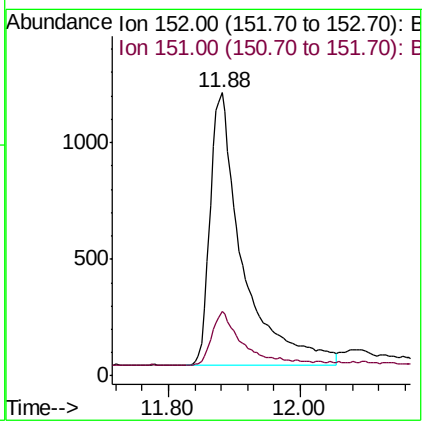


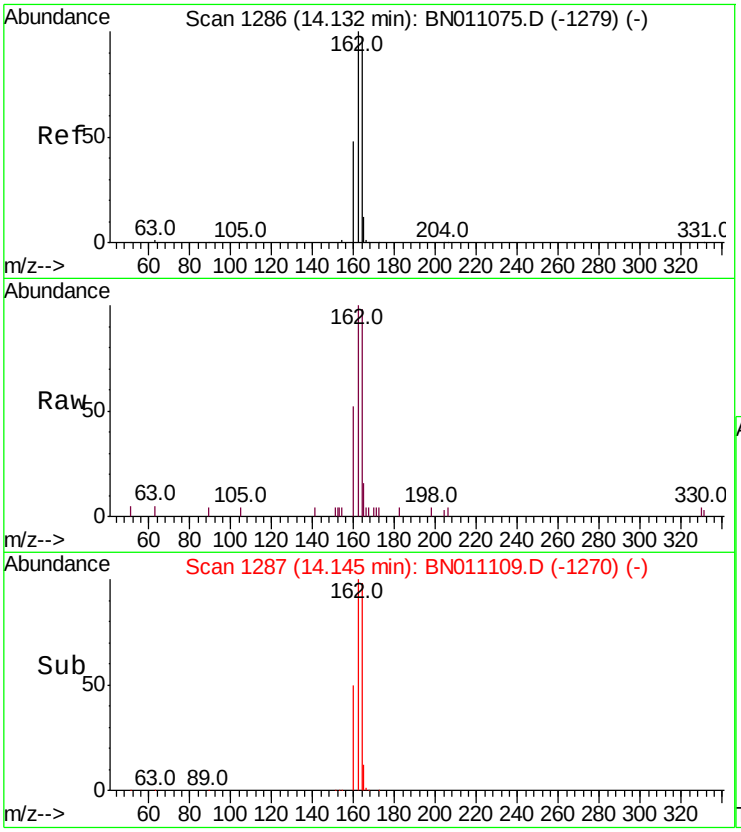


#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 11.88 min Scan# 1017
Delta R.T. 0.03 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Tgt Ion:152 Resp: 3999

Ion	Ratio	Lower	Upper
152	100		
151	18.1	16.6	24.8



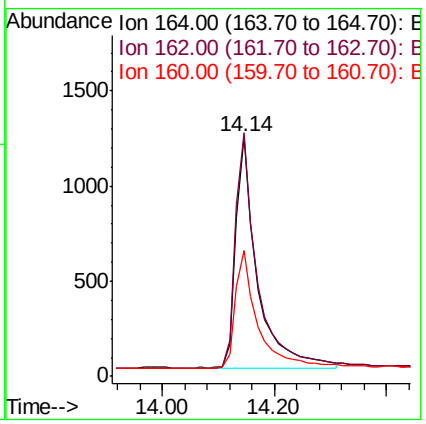


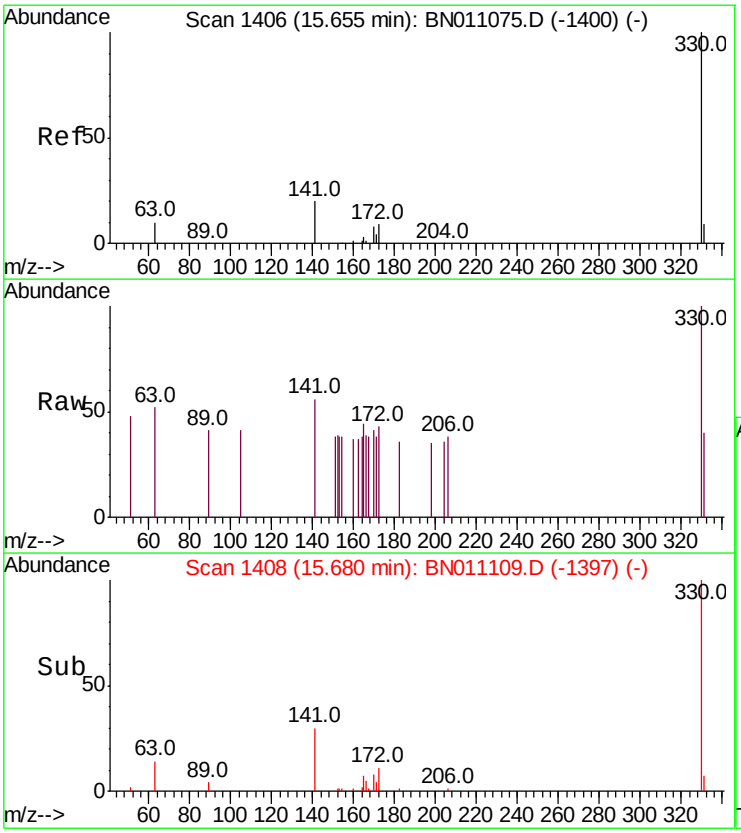
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Instrument : BNA_N
ClientSampleId : PB129931BL

Tgt Ion:164 Resp: 3254

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.3	123.5
160	52.7	40.6	61.0

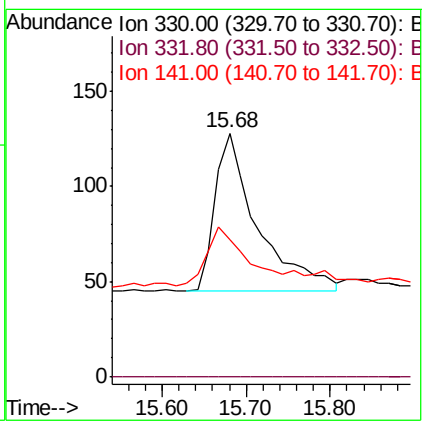


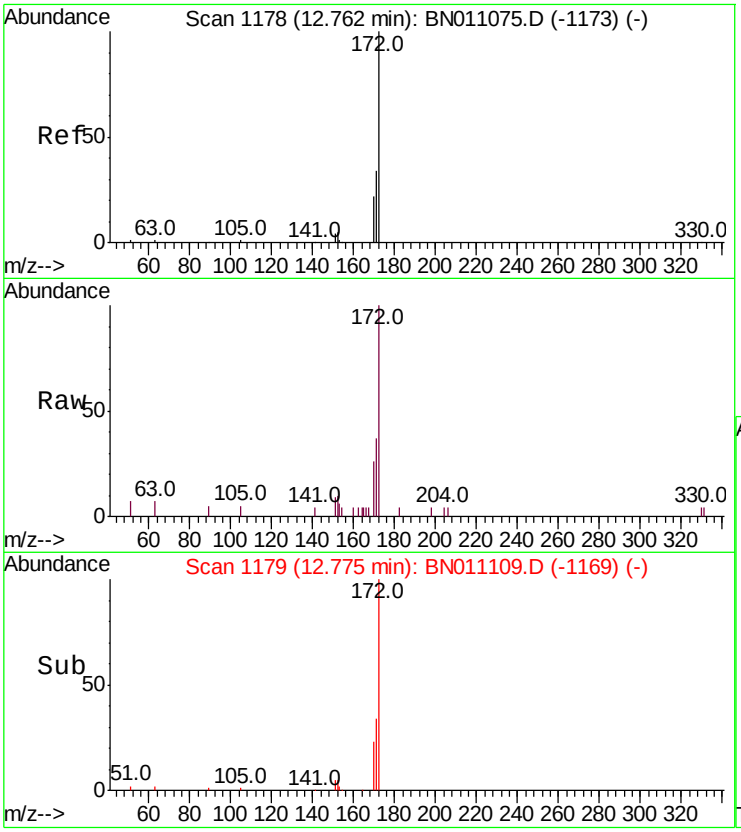


#14
2,4,6-Tribromophenol
Concen: 0.214 ng
RT: 15.68 min Scan# 1408
Delta R.T. 0.04 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Tgt Ion:330 Resp: 292

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.8	32.6	49.0



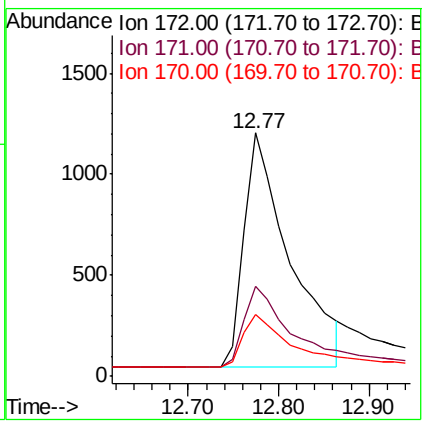


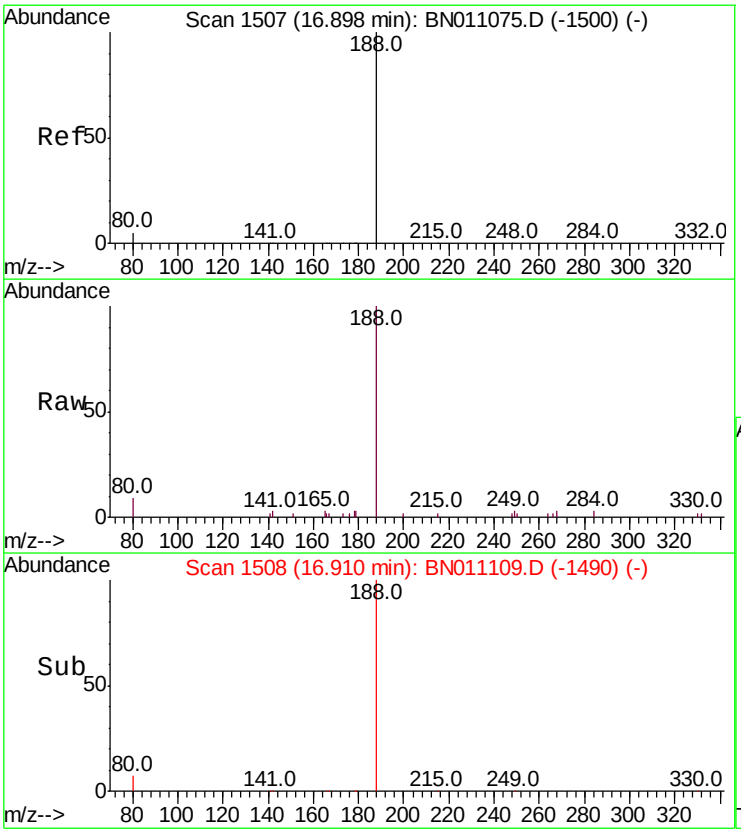
#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Instrument : BNA_N
ClientSampleId : PB129931BL

Tgt Ion:172 Resp: 4081

Ion	Ratio	Lower	Upper
172	100		
171	36.8	27.9	41.9
170	25.6	18.7	28.1

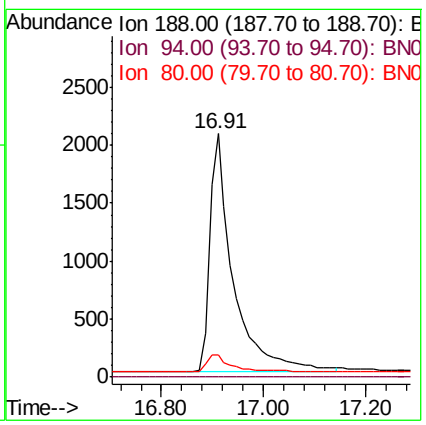


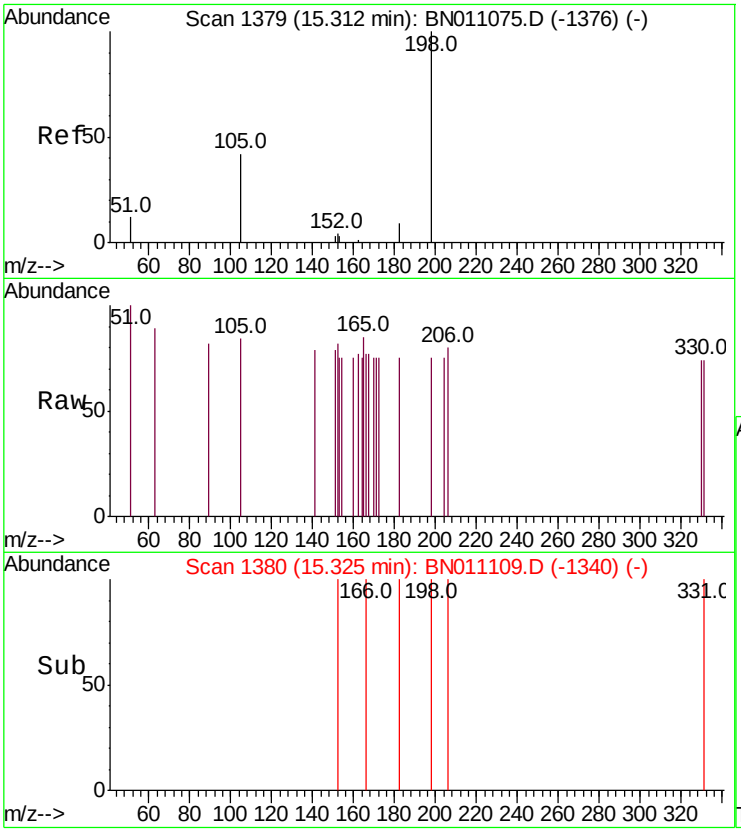


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1508
Delta R.T. 0.02 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Tgt Ion:188 Resp: 6602

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	5.3	7.9#



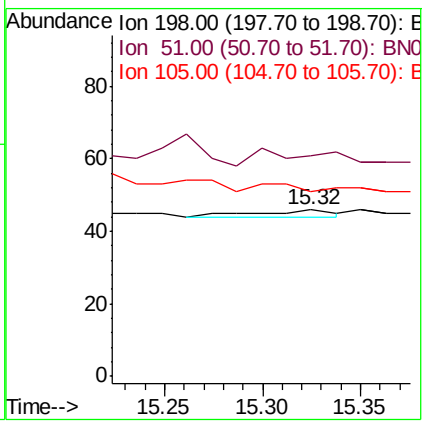


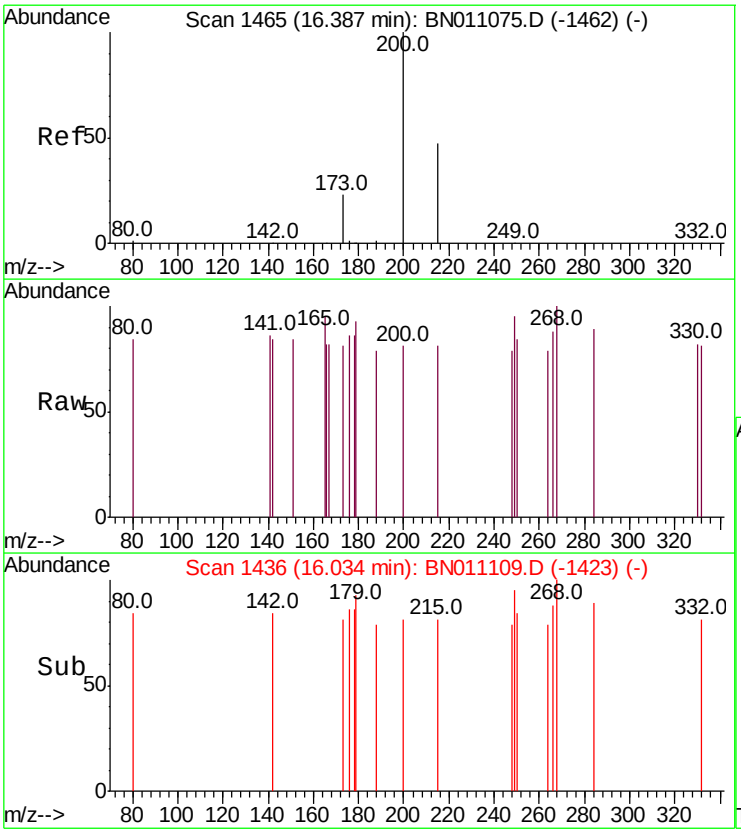
#20
4,6-Dinitro-2-methylphenol
Concen: 0.096 ng
RT: 15.32 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Instrument :
BNA_N
ClientSampleId :
PB129931BL

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
51	132.6	58.2	87.4#
105	110.9	59.0	88.4#

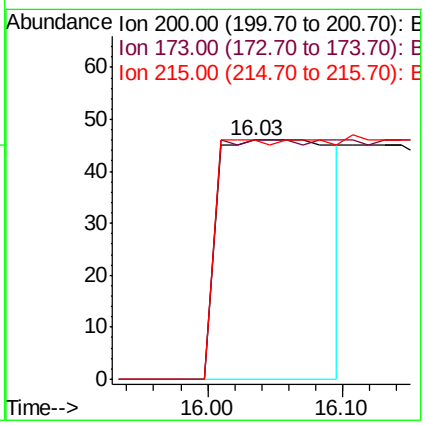


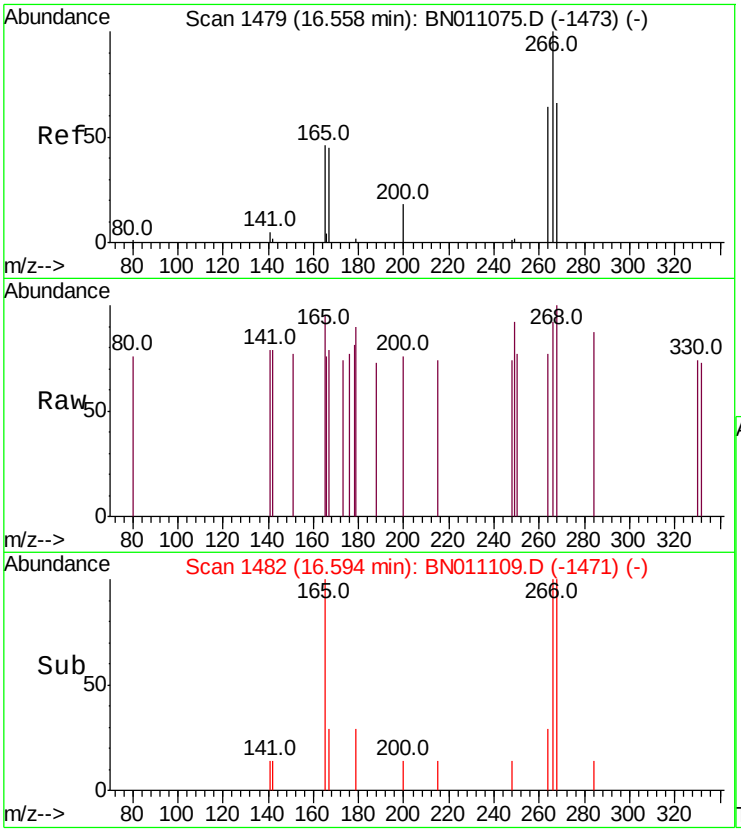


#23
Atrazine
Concen: 0.086 ng
RT: 16.03 min Scan# 1436
Delta R.T. -0.34 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Tgt Ion:200 Resp: 268

Ion	Ratio	Lower	Upper
200	100		
173	100.0	22.8	34.2#
215	100.0	40.7	61.1#



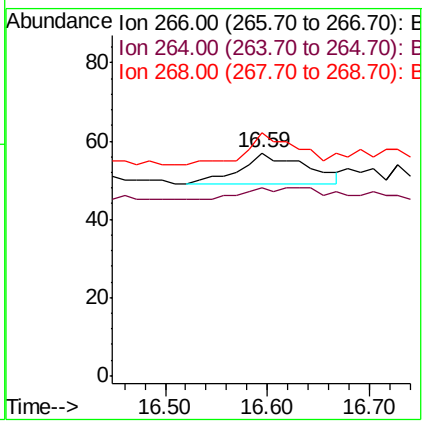


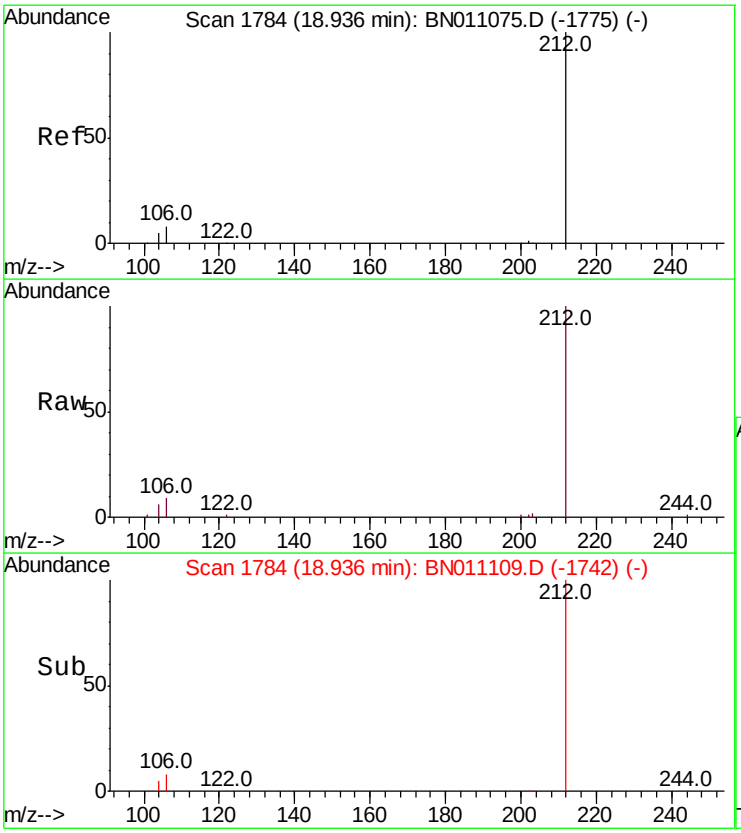
#24
Pentachlorophenol
Concen: 0.026 ng
RT: 16.59 min Scan# 1482
Delta R.T. 0.04 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Instrument : BNA_N
ClientSampleId : PB129931BL

Tgt Ion:266 Resp: 36

Ion	Ratio	Lower	Upper
266	100		
264	47.2	47.4	71.0#
268	75.0	55.0	82.4

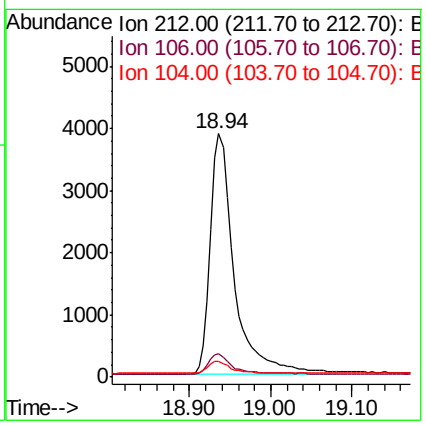


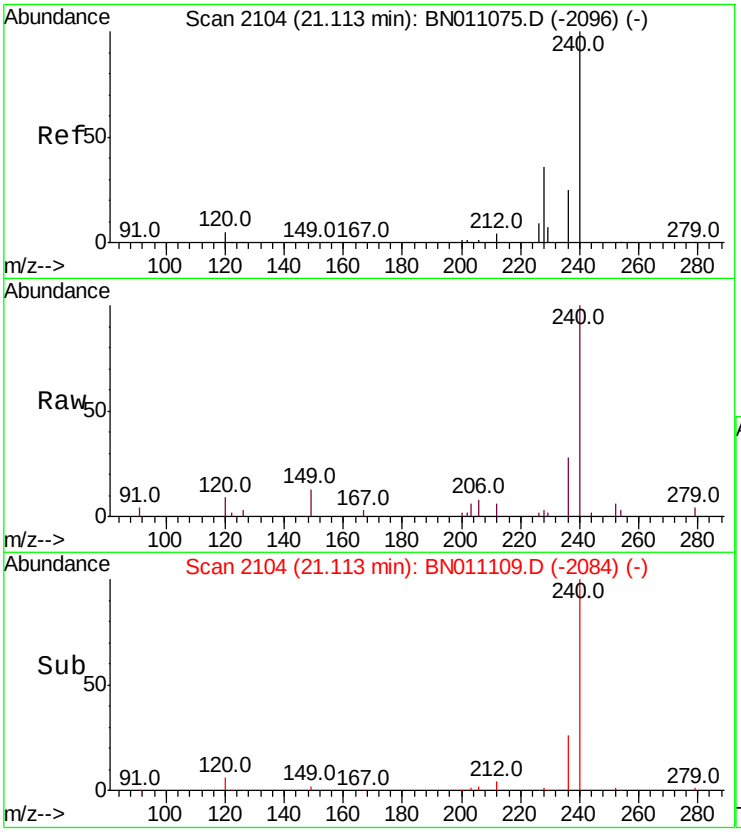


#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 18.94 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Tgt Ion:212 Resp: 7973

Ion	Ratio	Lower	Upper
212	100		
106	8.2	7.1	10.7
104	4.9	4.2	6.4



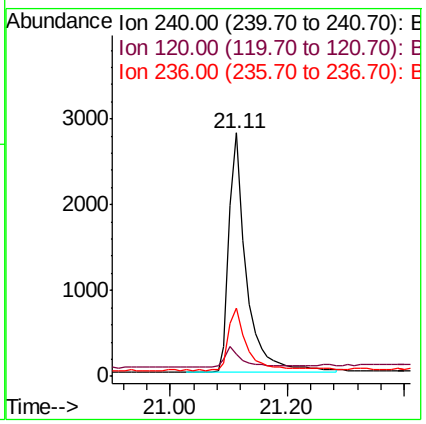


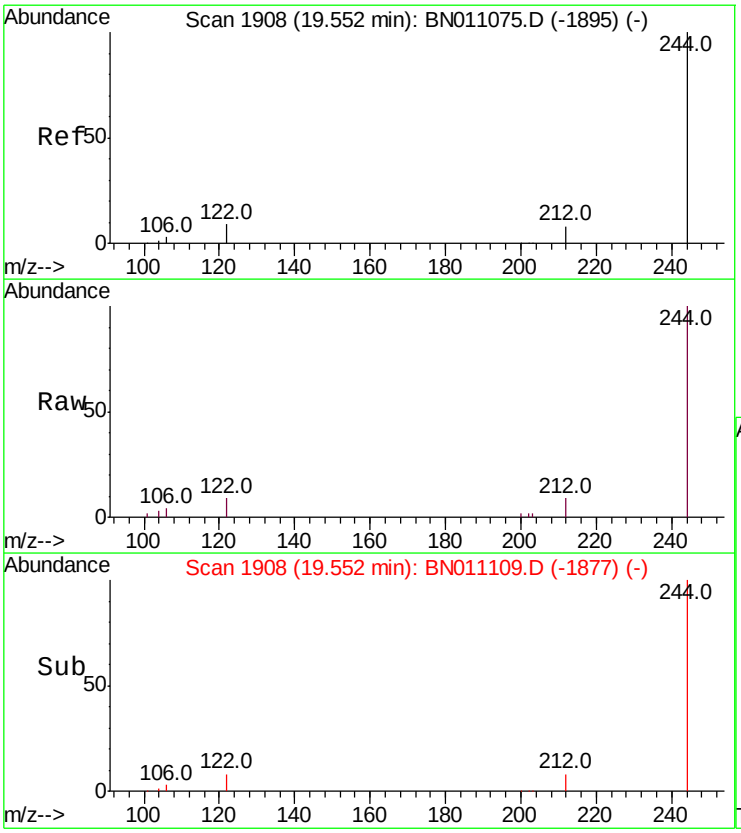
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Instrument : BNA_N
ClientSampleId : PB129931BL

Tgt Ion:240 Resp: 5682

Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.5	9.7
236	28.0	21.9	32.9

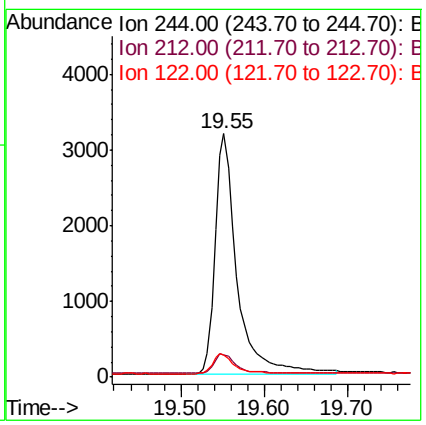


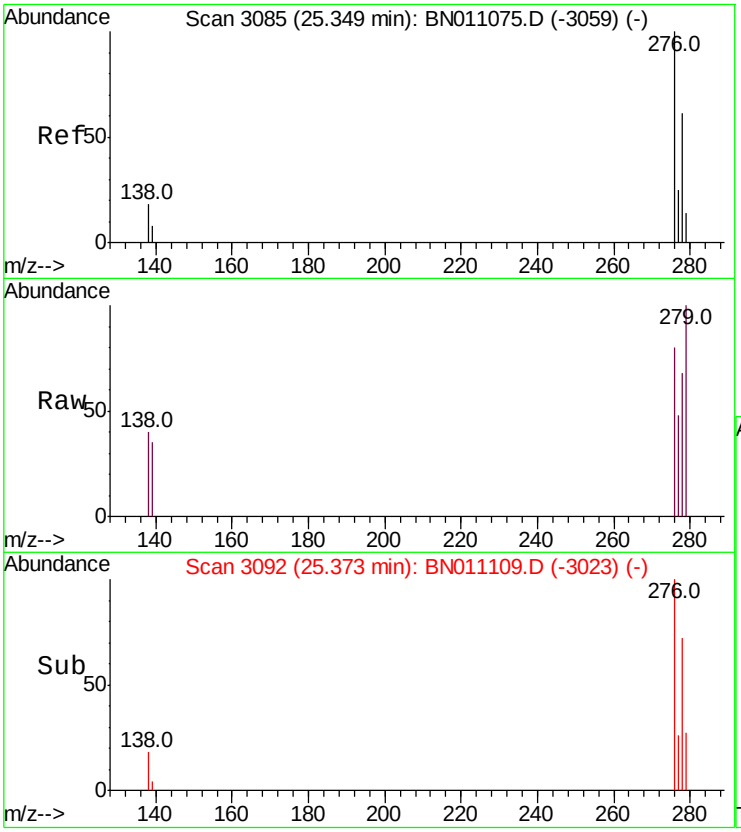


#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.55 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Tgt Ion:244 Resp: 5748

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.5	11.3
122	9.2	8.2	12.4



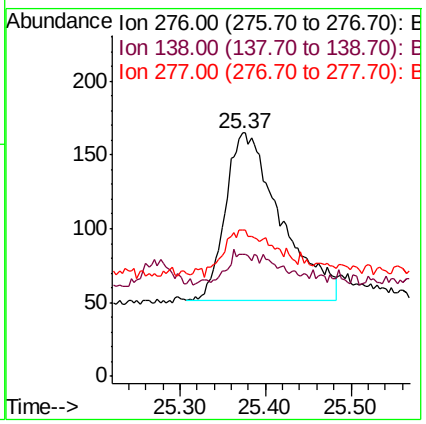


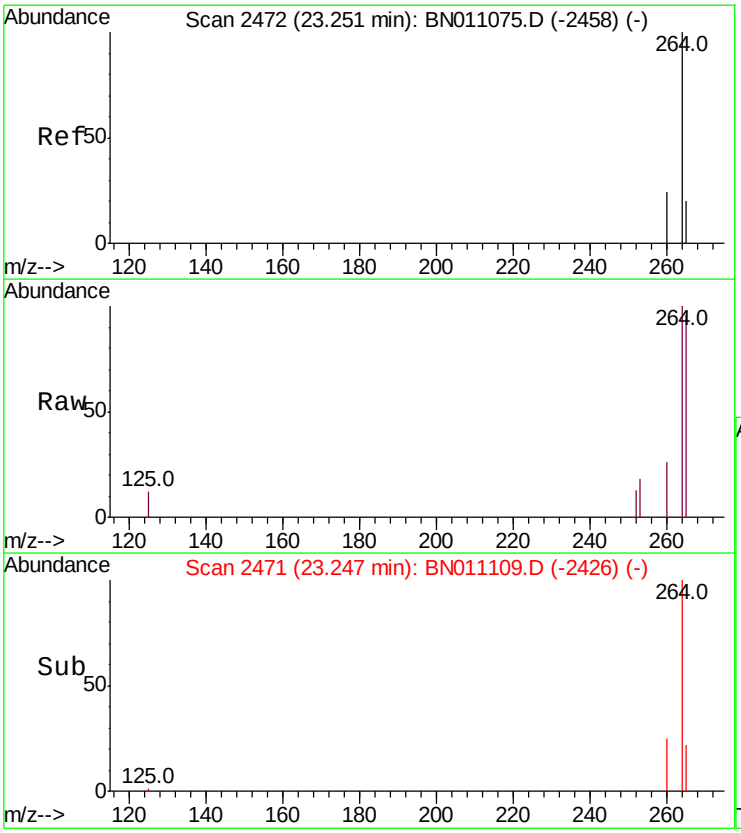
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng
RT: 25.37 min Scan# 3092
Delta R.T. 0.04 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Instrument :
BNA_N
ClientSampleId :
PB129931BL

Tgt Ion:276 Resp: 517

Ion	Ratio	Lower	Upper
276	100		
138	3.9	15.4	23.0#
277	16.6	19.4	29.0#

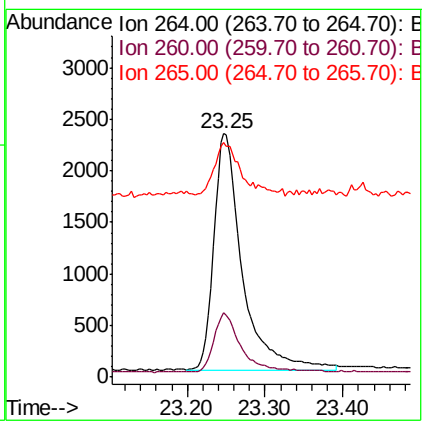


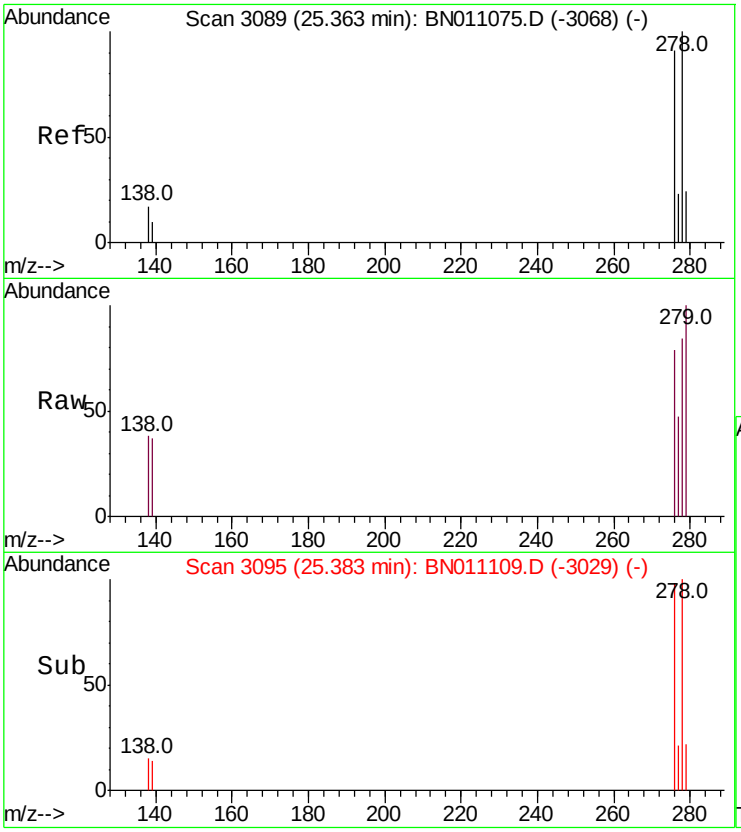


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Tgt Ion:264 Resp: 5777

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.4	30.6
265	96.2	83.0	124.6





#40
Dibenzo(a,h)anthracene
Concen: 0.027 ng
RT: 25.38 min Scan# 3095
Delta R.T. 0.03 min
Lab File: BN011109.D
Acq: 07 Jul 2020 09:24

Instrument :
BNA_N
ClientSampleId :
PB129931BL

Tgt Ion:278 Resp: 562

Ion	Ratio	Lower	Upper
278	100		
139	44.4	11.9	17.9#
279	119.3	25.5	38.3#