Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
Data File : BN011808.D
Acq On : 15 Sep 2020 19:53
Operator : CG/JU
Sample : L3988-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : FC-MW03SR1-20200910

Quant Time: Sep 16 06:29:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:55:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1941	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	7393	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	6285	0.40	ng		0.00
19) Phenanthrene-d10	17.10	188	11578	0.40	ng		0.00
29) Chrysene-d12	21.31	240	13056	0.40	ng		0.00
36) Perylene-d12	23.56	264	13806	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	625	0.12	ng		0.00
5) Phenol-d6	6.89	99	447	0.06	ng		0.00
8) Nitrobenzene-d5	8.86	82	1798	0.22	ng		-0.01
11) 2-Methylnaphthalene-d10	12.10	152	2977	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	950	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	4764	0.17	ng		-0.01
27) Fluoranthene-d10	19.15	212	10714	0.28	ng		0.00
31) Terphenyl-d14	19.75	244	11602	0.27	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.55	128	195381	9.229	ng		99
12) 2-Methylnaphthalene	12.17	142	8413	0.554	ng		99
17) Acenaphthene	14.42	154	1093	0.049	ng	#	36
18) Fluorene	15.41	166	4080	0.146	ng	#	93
25) Phenanthrene	17.15	178	1638	0.043	ng	#	81
34) Bis(2-ethylhexyl)phthalate	21.23	149	1794	0.084	ng	#	98

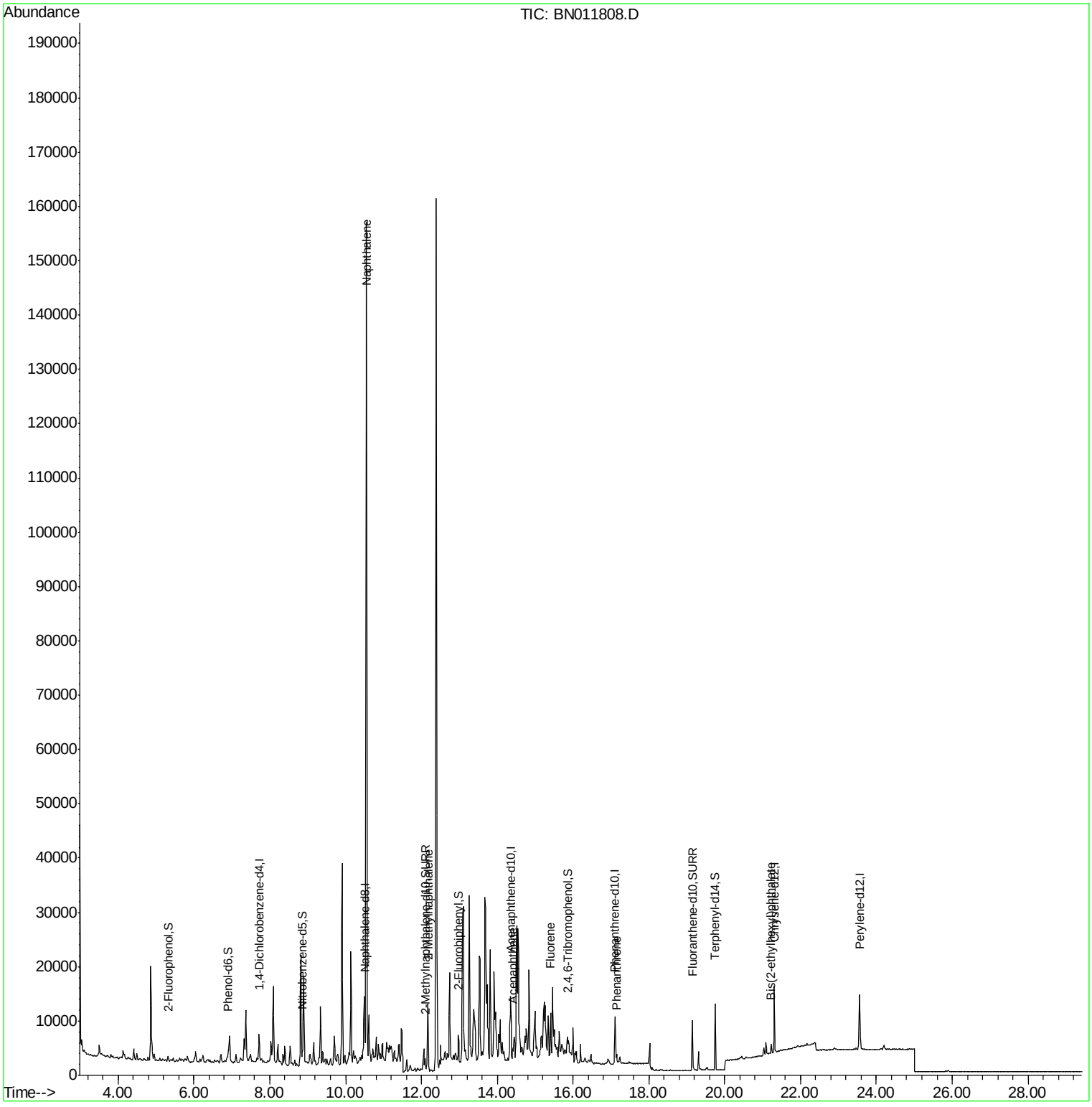
(#) = qualifier out of range (m) = manual integration (+) = signals summed

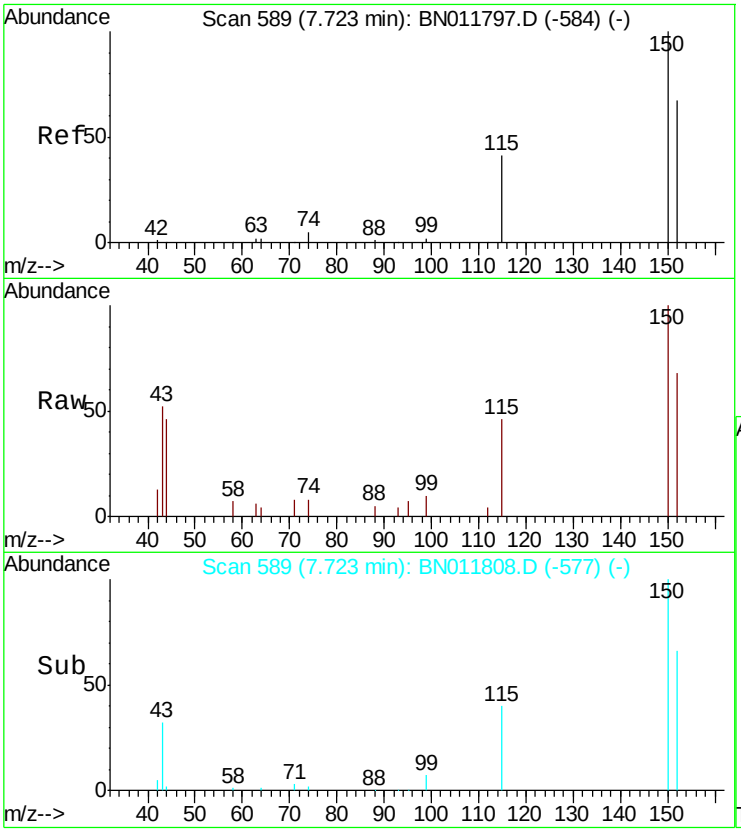
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
Data File : BN011808.D
Acq On : 15 Sep 2020 19:53
Operator : CG/JU
Sample : L3988-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910

Quant Time: Sep 16 06:29:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:55:25 2020
Response via : Initial Calibration



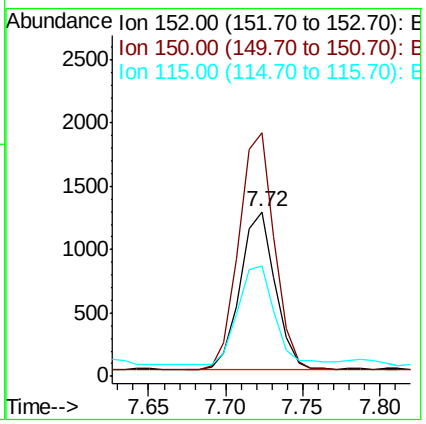


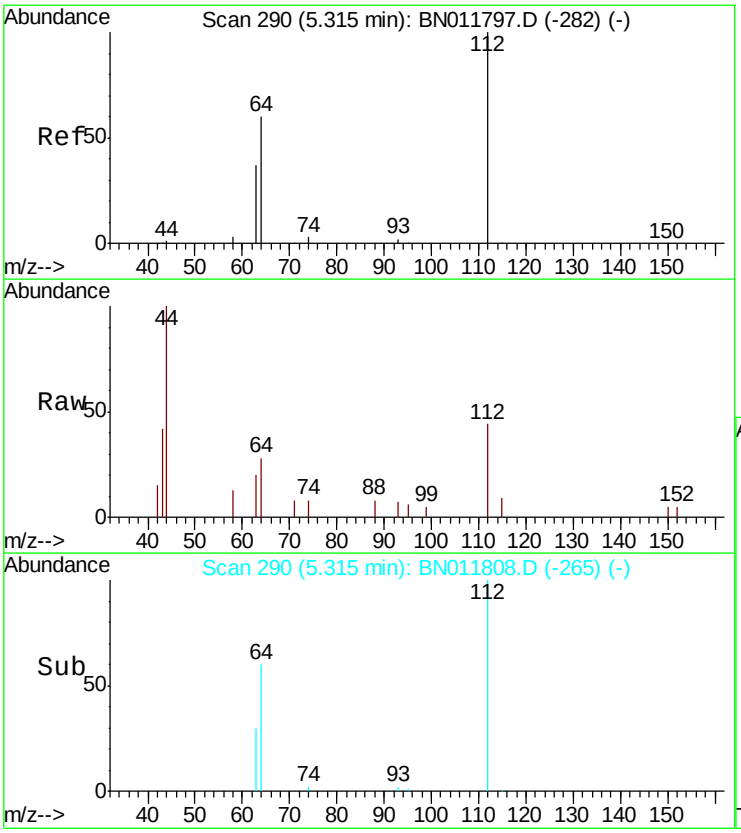
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910

Tgt Ion:152 Resp: 1941

Ion	Ratio	Lower	Upper
152	100		
150	147.9	118.3	177.5
115	67.4	51.3	76.9

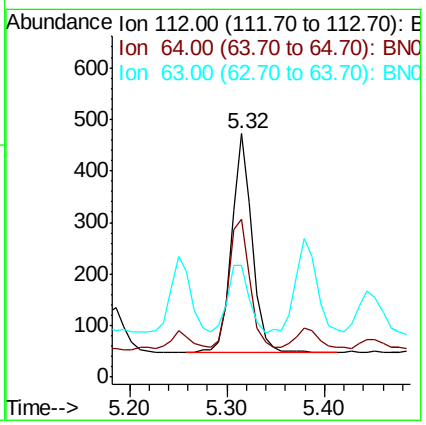


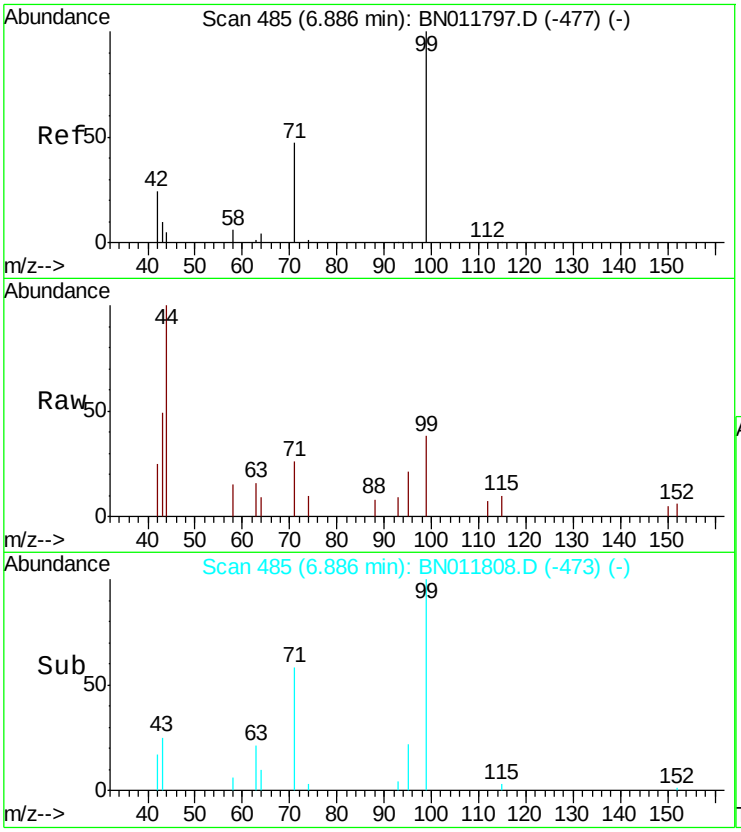


#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.32 min Scan# 290
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Tgt Ion:112 Resp: 625

Ion	Ratio	Lower	Upper
112	100		
64	60.5	49.0	73.6
63	33.6	31.8	47.6



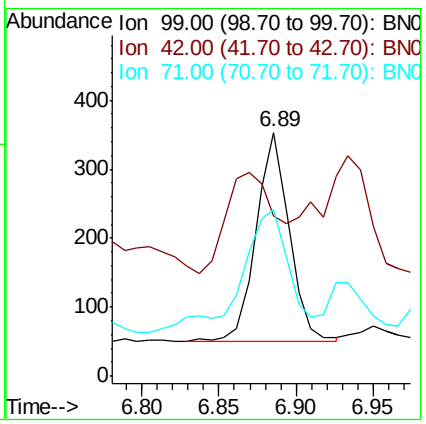


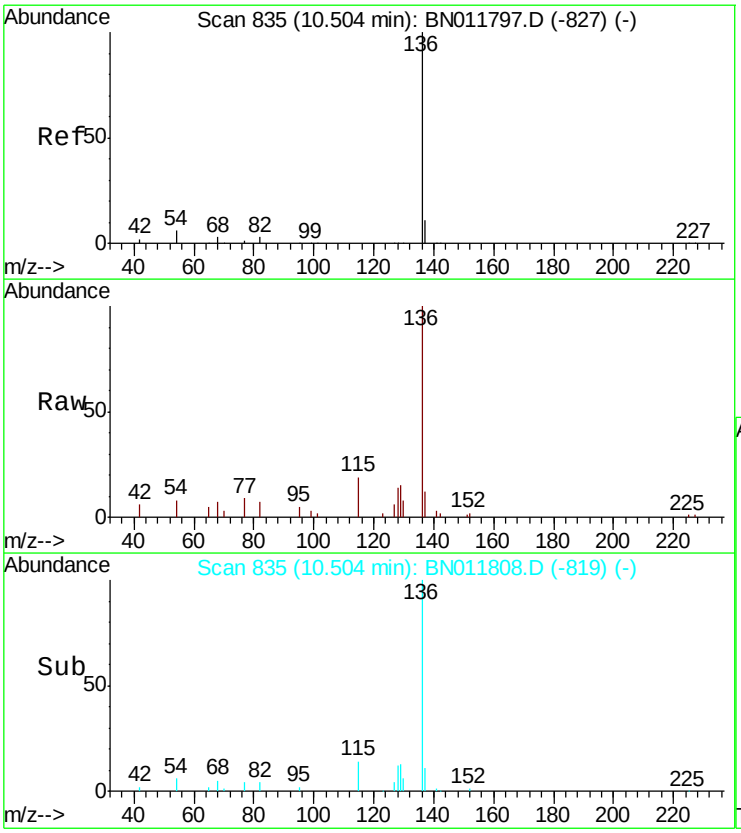
#5
Phenol-d6
Concen: 0.065 ng
RT: 6.89 min Scan# 485
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910

Tgt Ion: 99 Resp: 447

Ion	Ratio	Lower	Upper
99	100		
42	73.6	23.4	35.0#
71	86.4	38.1	57.1#

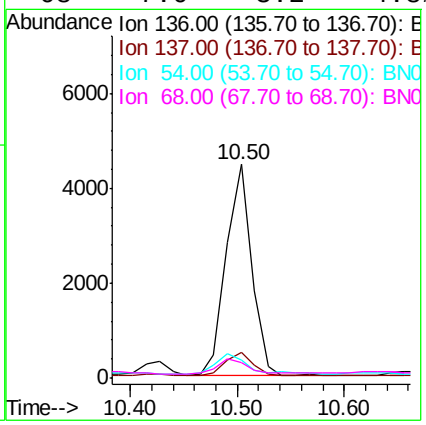


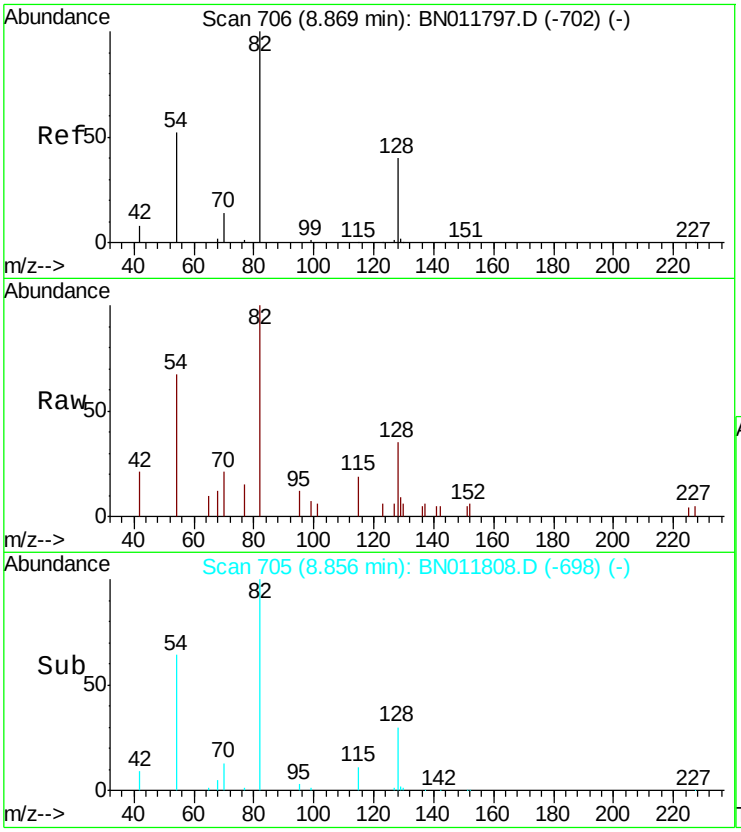


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Tgt Ion:136 Resp: 7393

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	8.4	5.6	8.4
68	7.0	3.2	4.8#



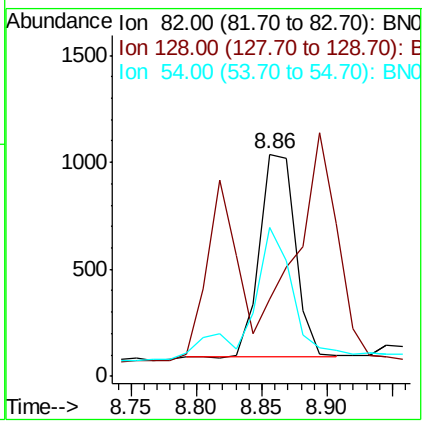


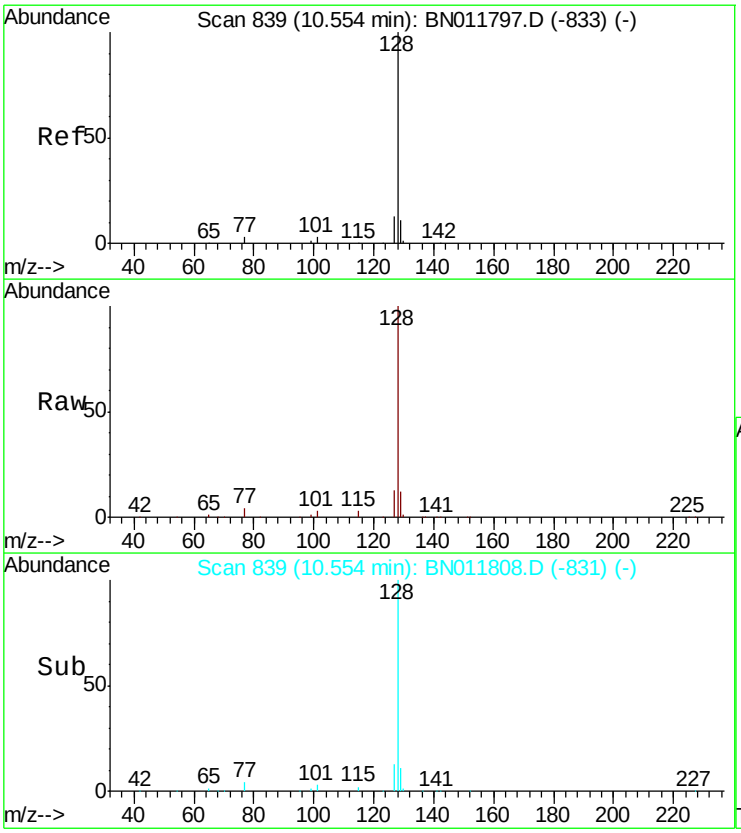
#8
Nitrobenzene-d5
Concen: 0.221 ng
RT: 8.86 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910

Tgt Ion: 82 Resp: 1798

Ion	Ratio	Lower	Upper
82	100		
128	34.9	34.2	51.2
54	66.8	43.1	64.7#

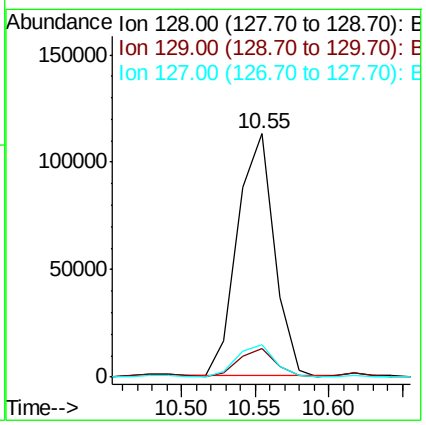


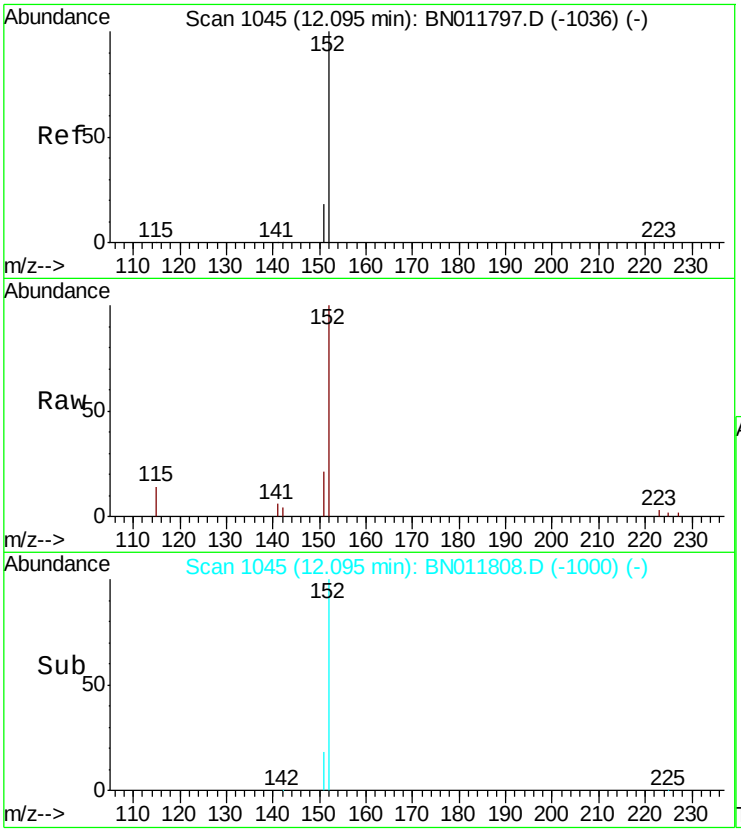


#9
Naphthalene
Concen: 9.229 ng
RT: 10.55 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Tgt Ion:128 Resp: 195381

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	13.2	11.0	16.4



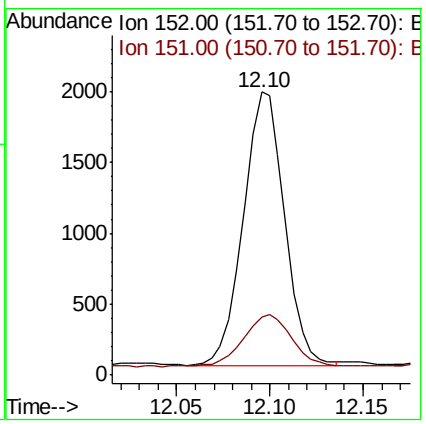


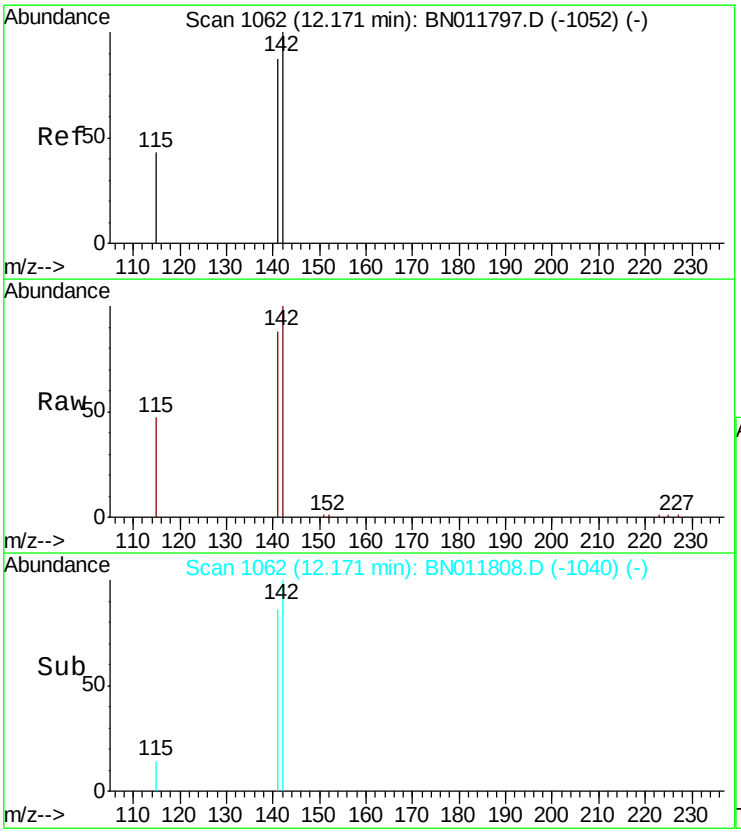
#11
2-Methylnaphthalene-d10
Concen: 0.214 ng
RT: 12.10 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910

Tgt Ion:152 Resp: 2977

Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.7	25.1

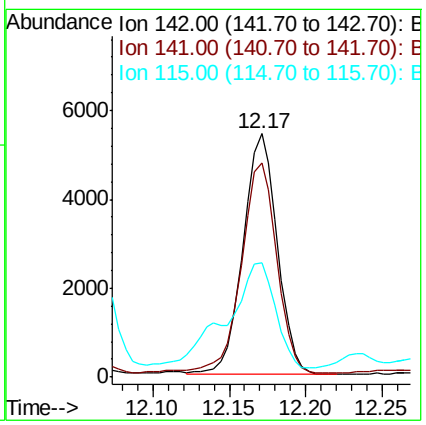


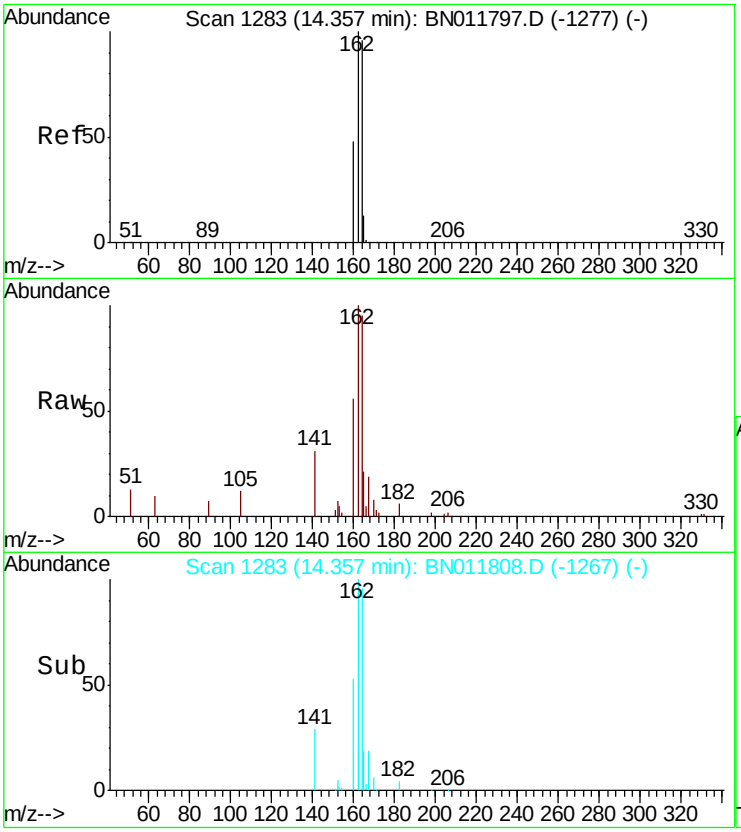


#12
2-Methylnaphthalene
Concen: 0.554 ng
RT: 12.17 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Tgt Ion:142 Resp: 8413

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.0	105.0
115	46.8	35.8	53.6



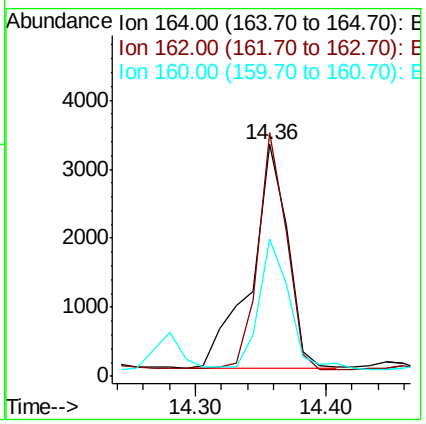


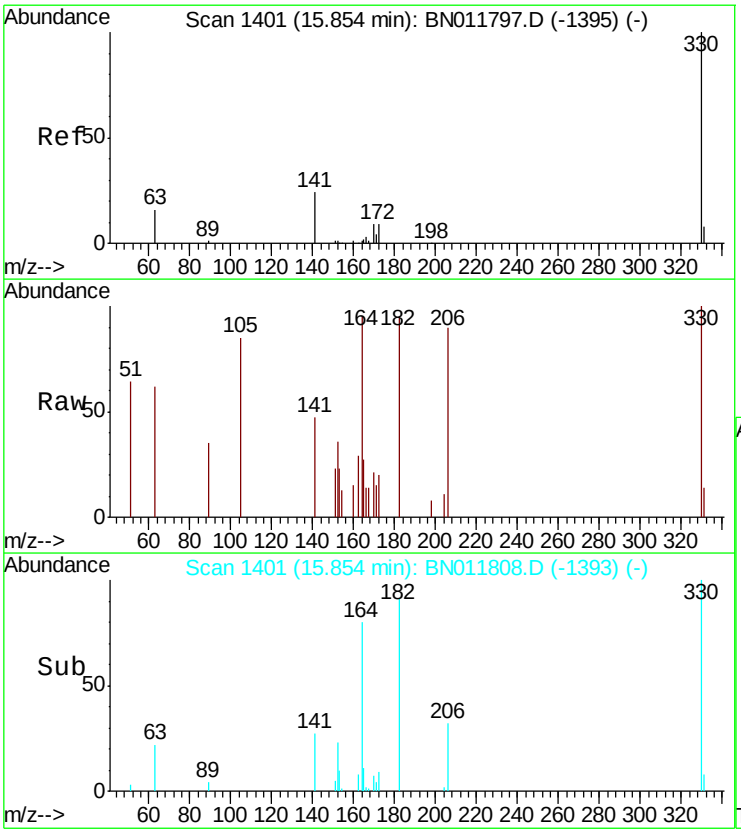
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910

Tgt Ion:164 Resp: 6285

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.6	125.4
160	59.2	41.2	61.8

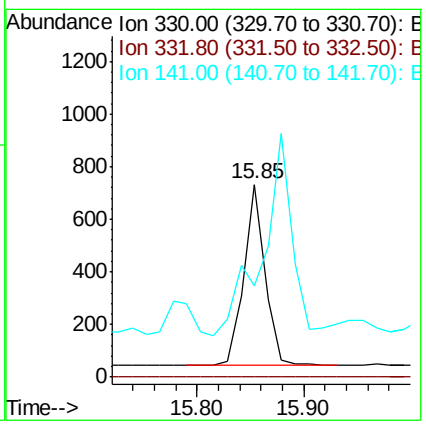


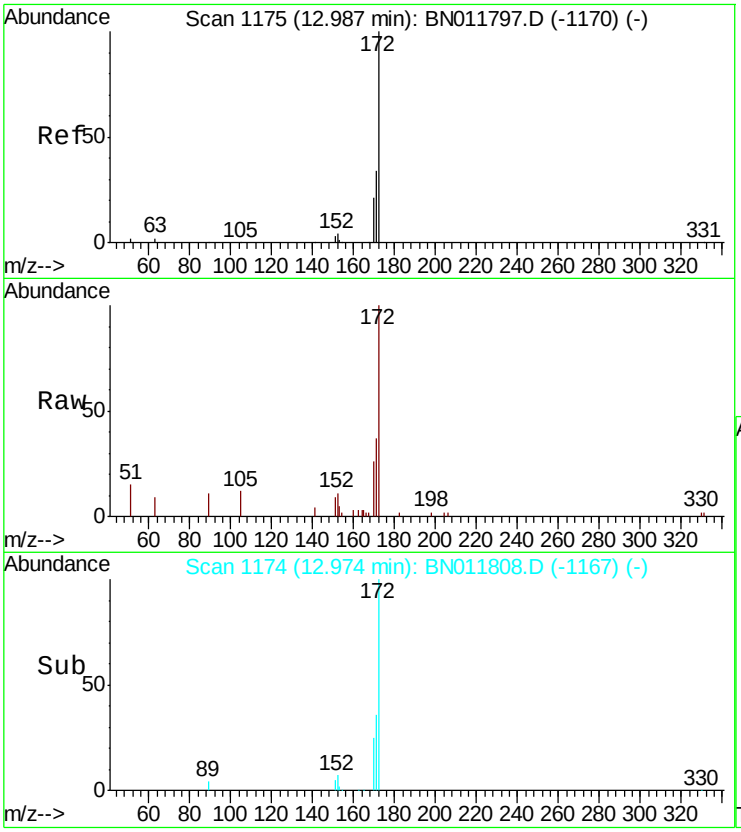


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.85 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Tgt Ion:330 Resp: 950

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	33.7	50.5#



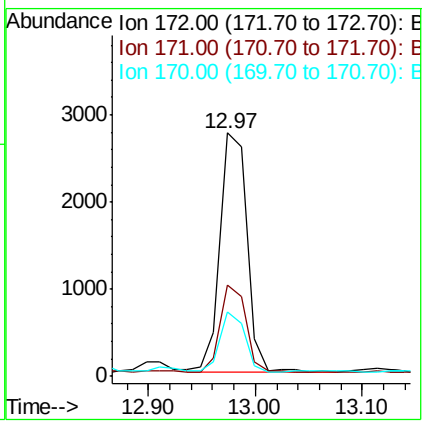


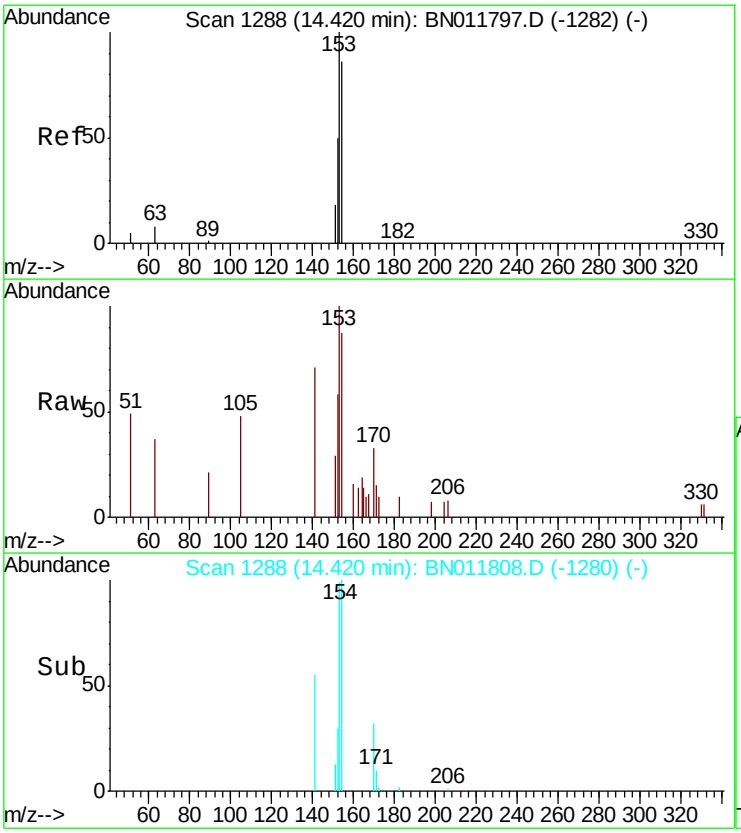
#15
2-Fluorobiphenyl
Concen: 0.169 ng
RT: 12.97 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910

Tgt Ion:172 Resp: 4764

Ion	Ratio	Lower	Upper
172	100		
171	37.3	27.4	41.2
170	26.4	17.8	26.6

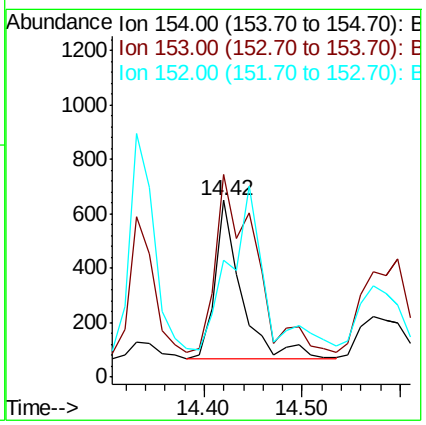


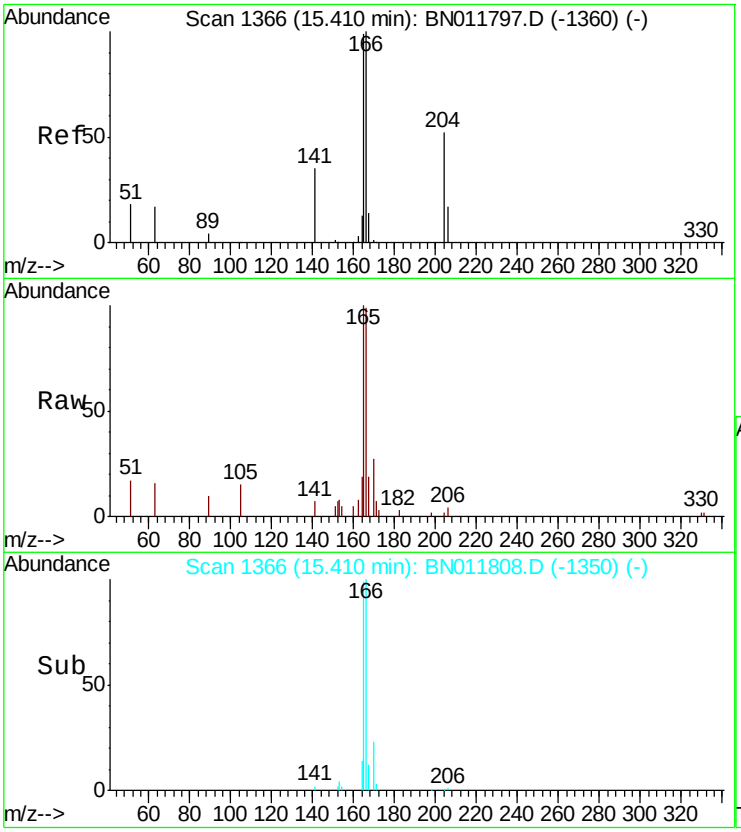


#17
Acenaphthene
Concen: 0.049 ng
RT: 14.42 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Tgt Ion:154 Resp: 1093

Ion	Ratio	Lower	Upper
154	100		
153	164.7	83.4	125.2#
152	0.0	42.8	64.2#



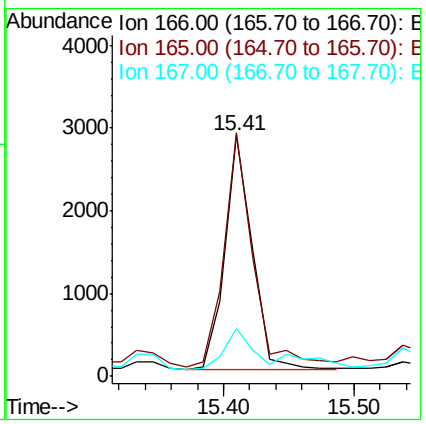


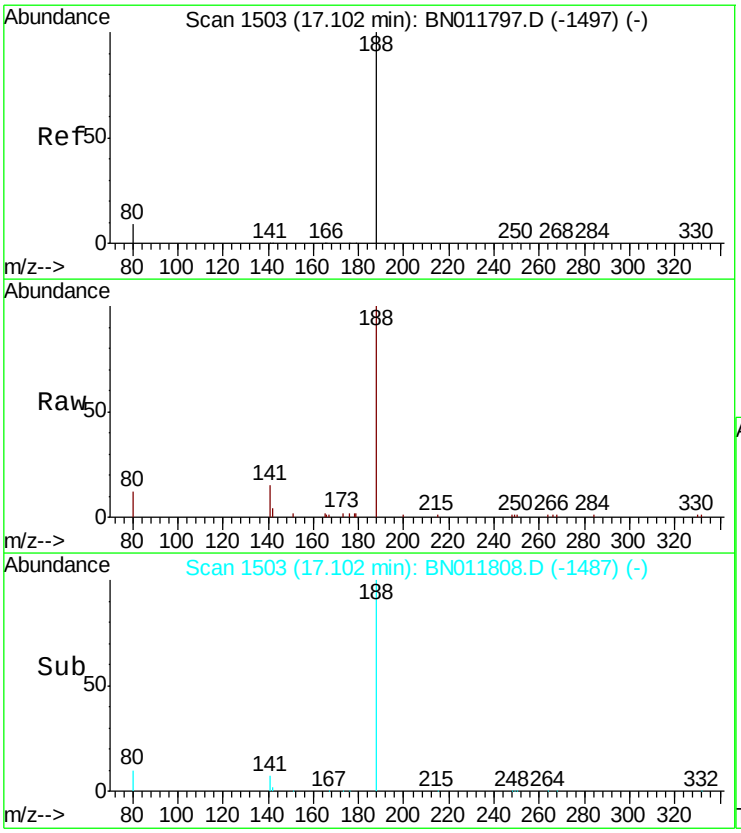
#18
Fluorene
Concen: 0.146 ng
RT: 15.41 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910

Tgt Ion:166 Resp: 4080

Ion	Ratio	Lower	Upper
166	100		
165	105.0	78.8	118.2
167	18.2	11.2	16.8#

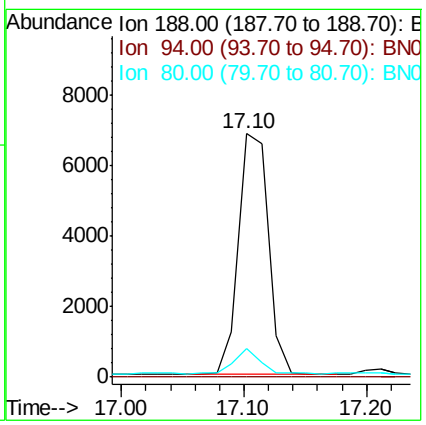


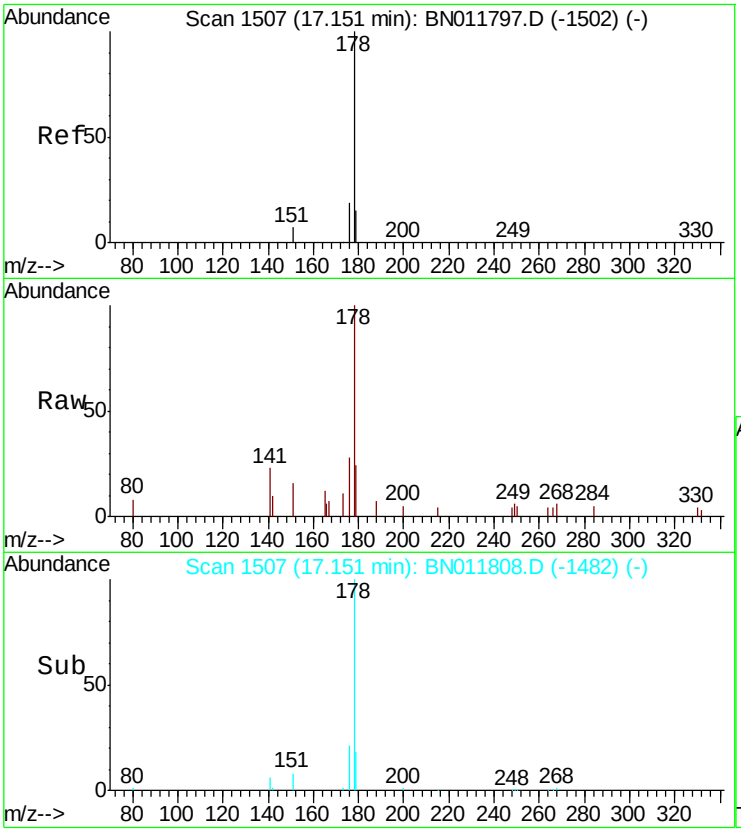


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.10 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Tgt Ion:188 Resp: 11578

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	7.7	11.5#



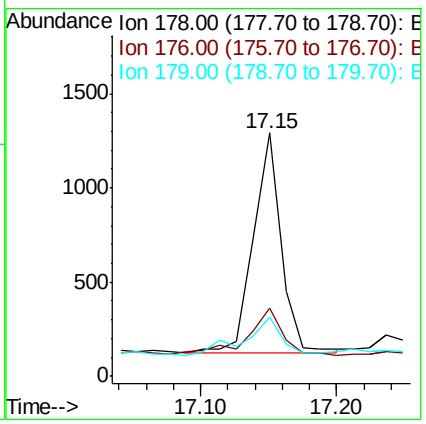


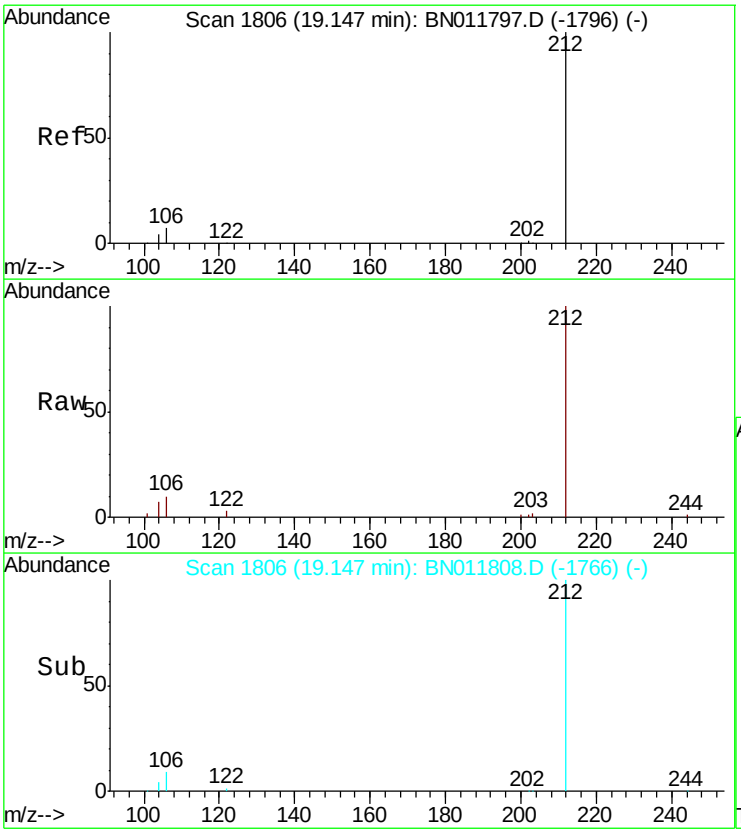
#25
Phenanthrene
Concen: 0.043 ng
RT: 17.15 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910

Tgt Ion:178 Resp: 1638

Ion	Ratio	Lower	Upper
178	100		
176	27.5	15.1	22.7#
179	23.2	12.3	18.5#

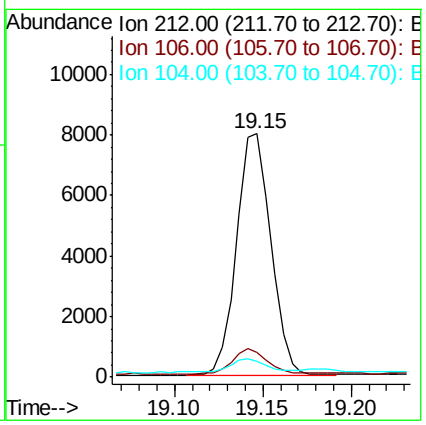


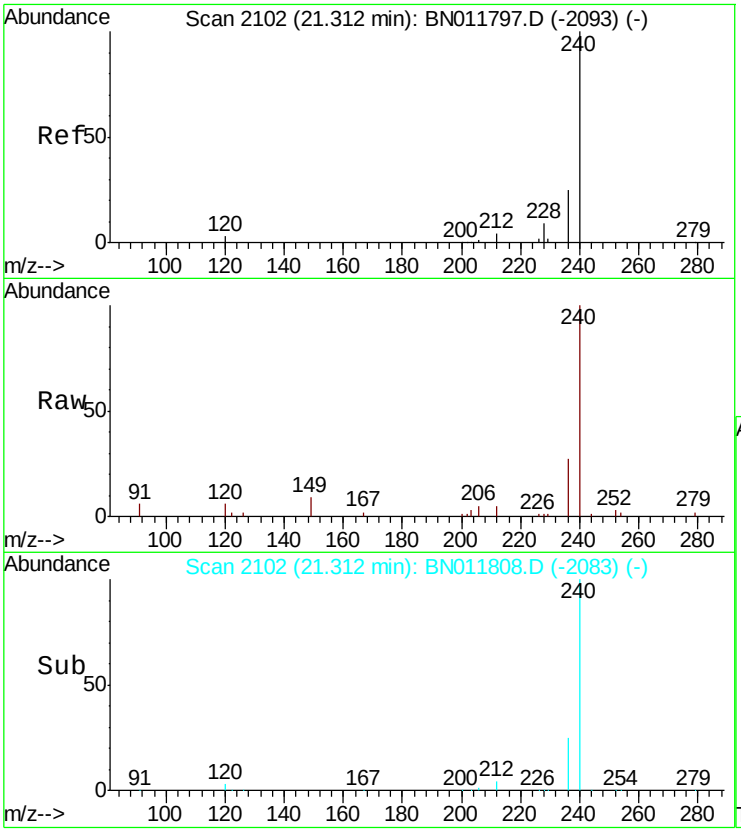


#27
Fluoranthene-d10
Concen: 0.284 ng
RT: 19.15 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Tgt Ion:212 Resp: 10714

Ion	Ratio	Lower	Upper
212	100		
106	10.6	6.4	9.6#
104	5.8	3.9	5.9



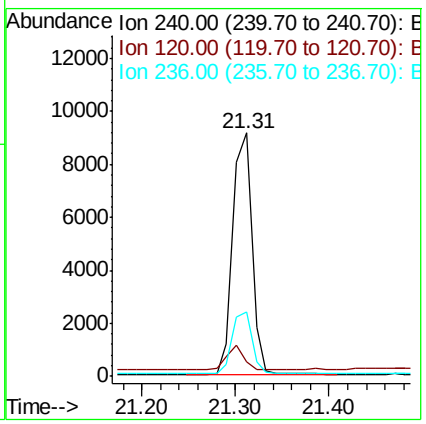


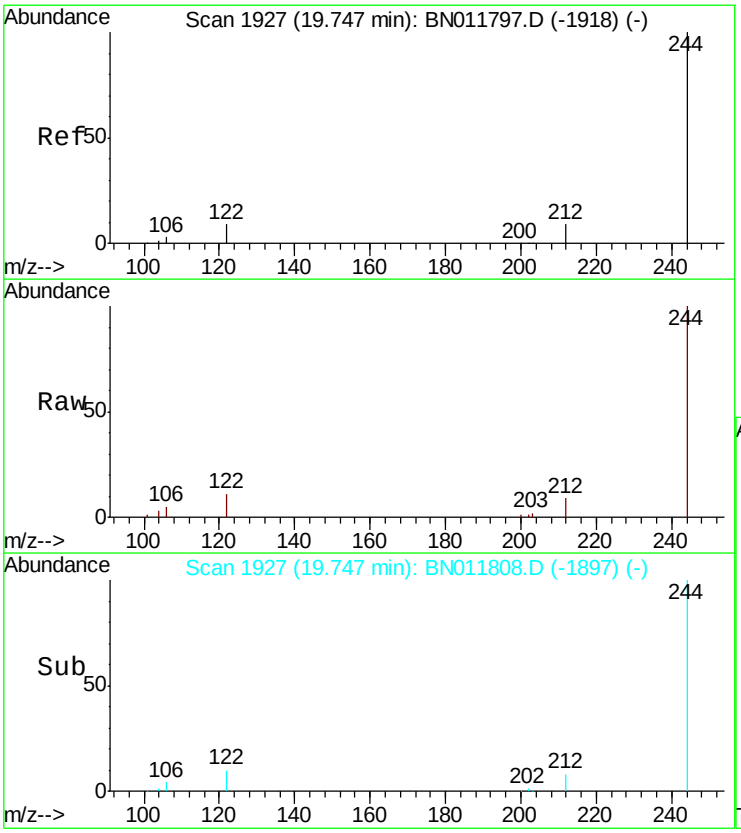
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910

Tgt Ion:240 Resp: 13056

Ion	Ratio	Lower	Upper
240	100		
120	6.1	3.5	5.3#
236	26.5	20.5	30.7

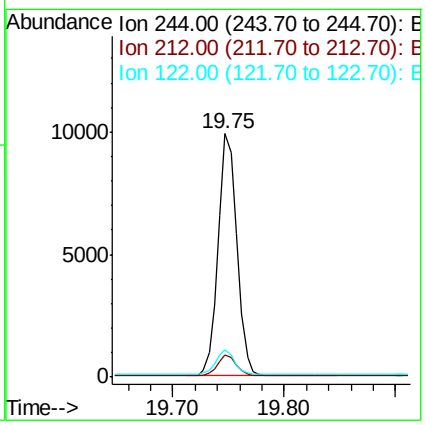


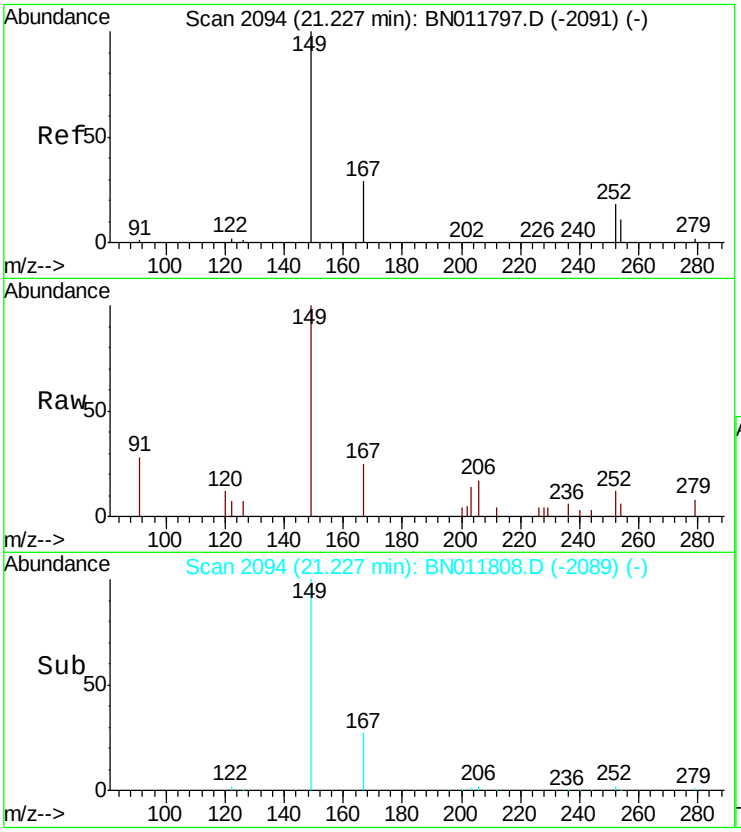


#31
Terphenyl-d14
Concen: 0.268 ng
RT: 19.75 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Tgt Ion:244 Resp: 11602

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	11.1	7.8	11.6



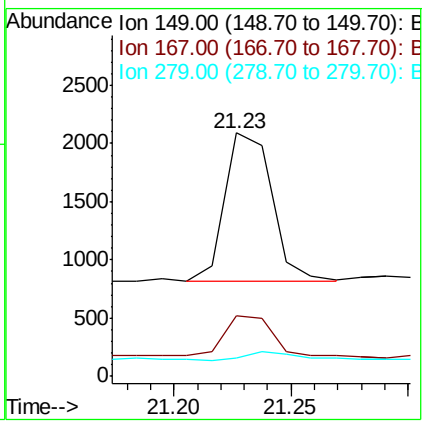


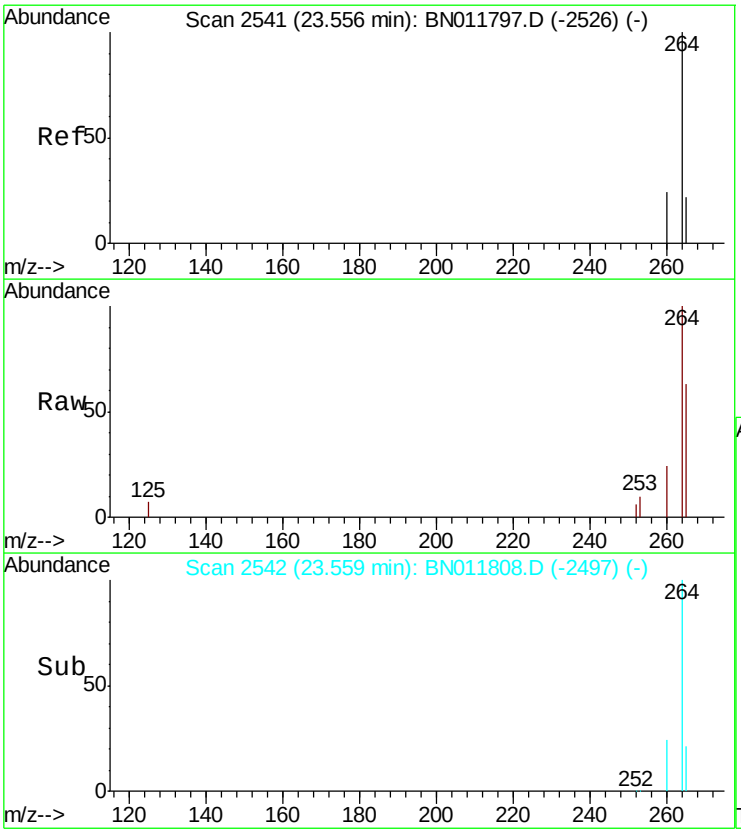
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 21.23 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910

Tgt Ion:149 Resp: 1794

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.6	35.4
279	7.0	4.0	6.0#





#36
Perylene-d12
Concen: 0.400 ng
RT: 23.56 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BN011808.D
Acq: 15 Sep 2020 19:53

Tgt Ion:264 Resp: 13806

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	63.0	38.6	58.0#