Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
Data File : BN007590.D
Acq On : 11 Sep 2019 16:28
Operator : HP/JU
Sample : K4698-01RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 11 17:00:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 11 14:14:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	6753	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	27090	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	16289	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	34326	0.40	ng		0.00
27) Chrysene-d12	21.28	240	36031	0.40	ng		0.00
34) Perylene-d12	23.50	264	39056	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	3160	0.15	ng		0.00
5) Phenol-d6	6.90	99	2794	0.10	ng		0.00
8) Nitrobenzene-d5	8.86	82	8423	0.51	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	16999	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	2473	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	26486	0.39	ng		0.00
25) Fluoranthene-d10	19.12	212	43577	0.39	ng		0.00
29) Terphenyl-d14	19.73	244	48422	0.52	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.03	42	133205	33.020	ng	#	100
6) bis(2-Chloroethyl)ether	7.18	93	88	0.218	ng	#	1
9) Naphthalene	10.54	128	5383	0.071	ng	#	95
12) 2-Methylnaphthalene	12.16	142	4448	0.083	ng		98
17) Acenaphthene	14.41	154	2325	0.042	ng		93
18) Fluorene	15.39	166	5321	0.073	ng		98
22) Pentachlorophenol	16.75	266	35	0.208	ng	#	71
23) Phenanthrene	17.13	178	55996	0.529	ng		100
24) Anthracene	17.22	178	7747	0.079	ng	#	92
26) Fluoranthene	19.15	202	52095	0.405	ng		99
28) Pyrene	19.51	202	52385	0.405	ng		97
30) Benzo(a)anthracene	21.26	228	6881	0.053	ng		94
31) Chrysene	21.31	228	10045	0.077	ng		96
32) Bis(2-ethylhexyl)phthalate	21.23	149	12408	0.281	ng		99

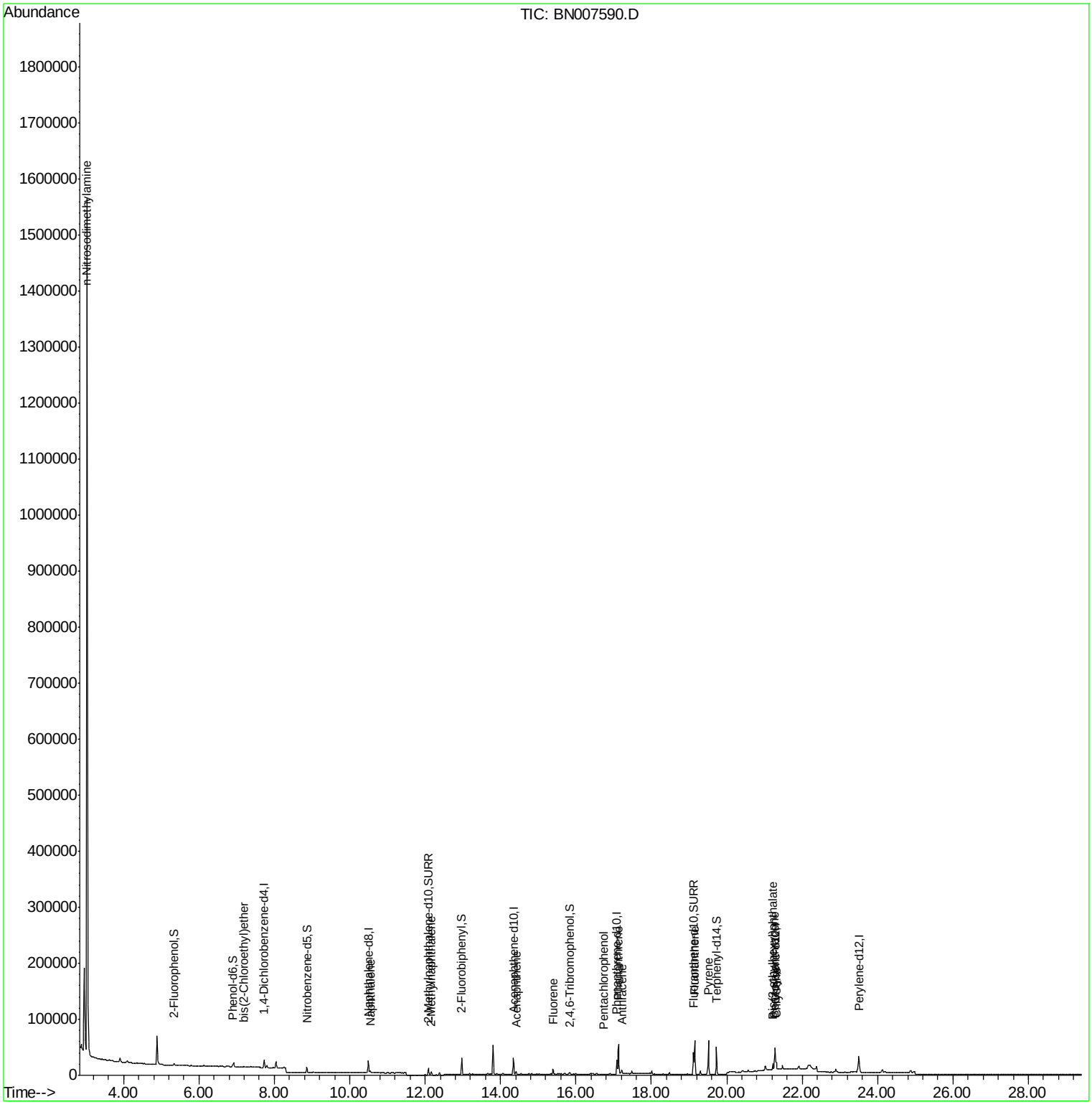
(#) = qualifier out of range (m) = manual integration (+) = signals summed

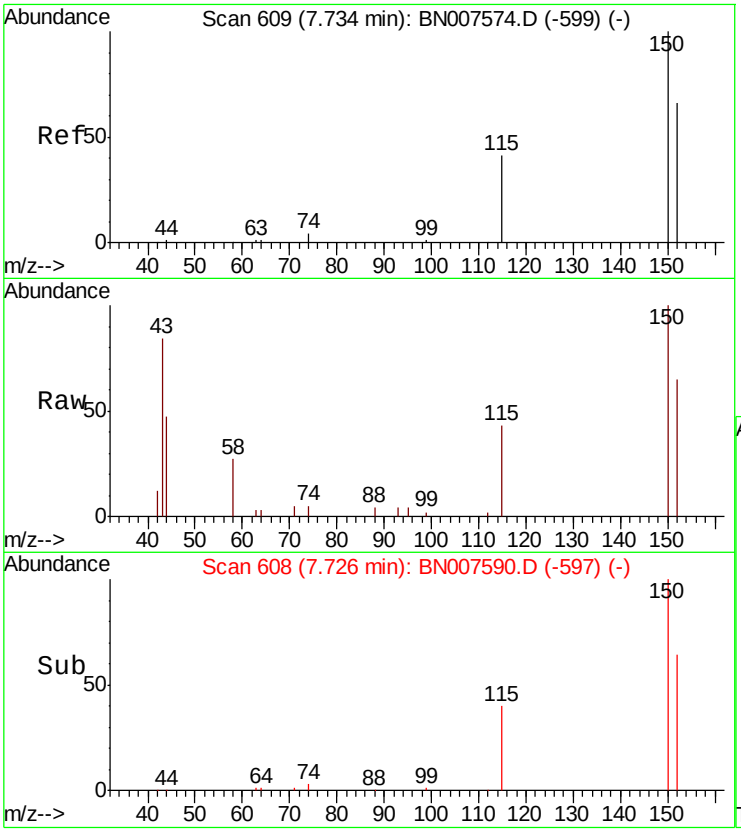
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
Data File : BN007590.D
Acq On : 11 Sep 2019 16:28
Operator : HP/JU
Sample : K4698-01RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 11 17:00:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 11 14:14:20 2019
Response via : Initial Calibration



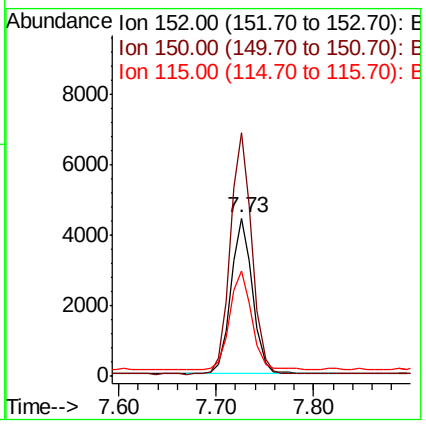


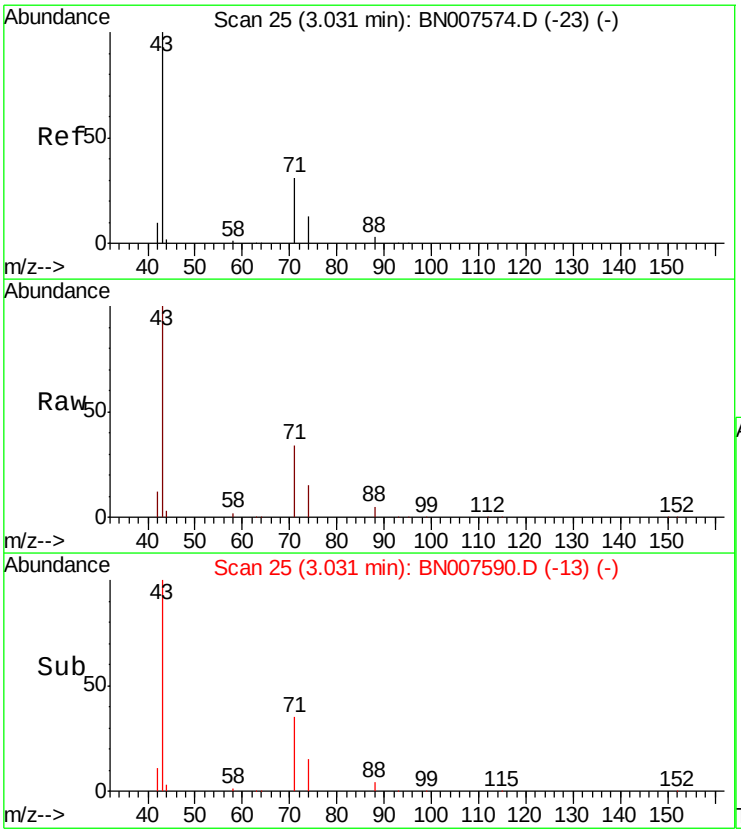
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6753

Ion	Ratio	Lower	Upper
152	100		
150	154.1	119.5	179.3
115	66.3	53.0	79.6

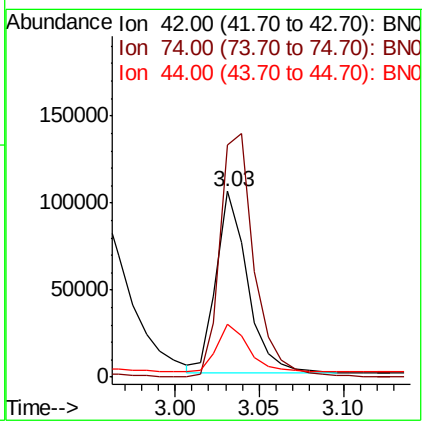


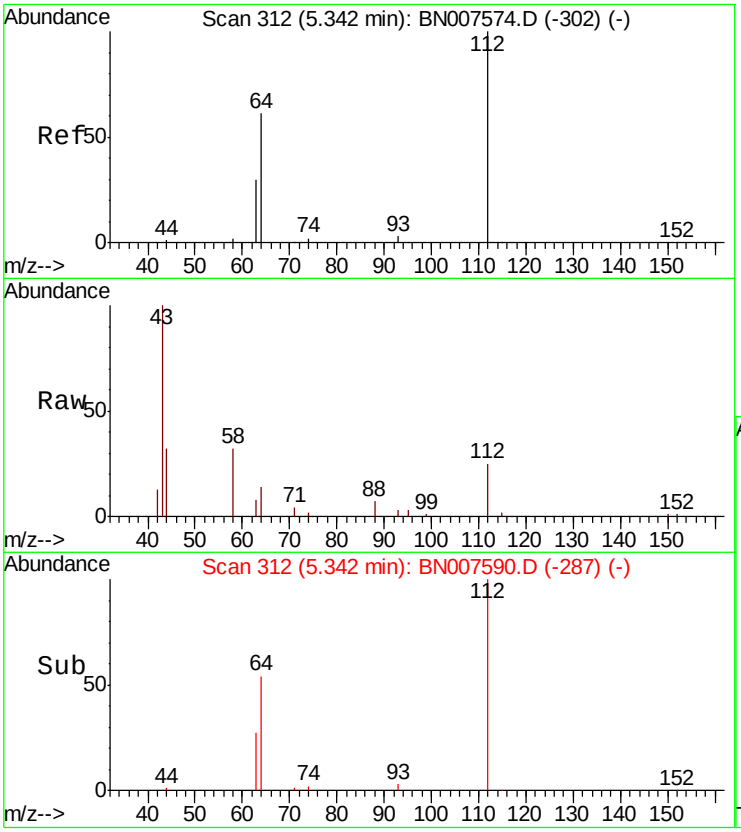


#3
n-Nitrosodimethylamine
Concen: 33.020 ng
RT: 3.03 min Scan# 25
Delta R.T. 0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion: 42 Resp: 133205

Ion	Ratio	Lower	Upper
42	100		
74	147.2	0.0	0.0#
44	26.6	0.0	0.0#



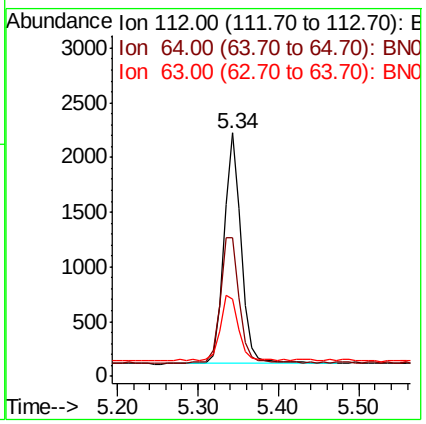


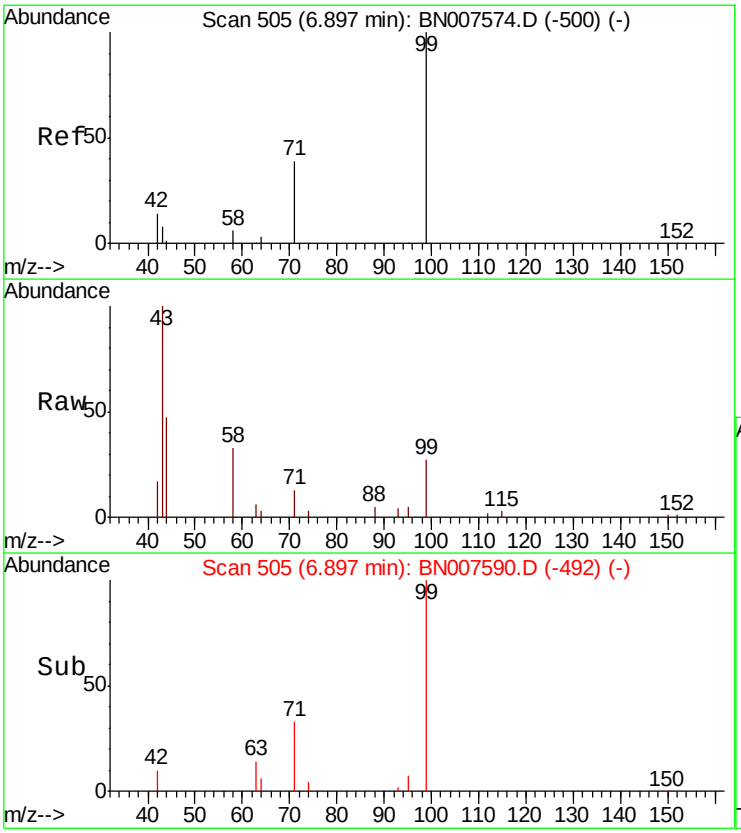
#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.34 min Scan# 312
Delta R.T. 0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 3160

Ion	Ratio	Lower	Upper
112	100		
64	59.7	49.2	73.8
63	29.2	26.0	39.0

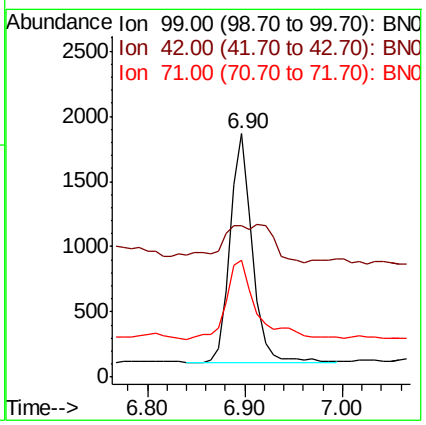


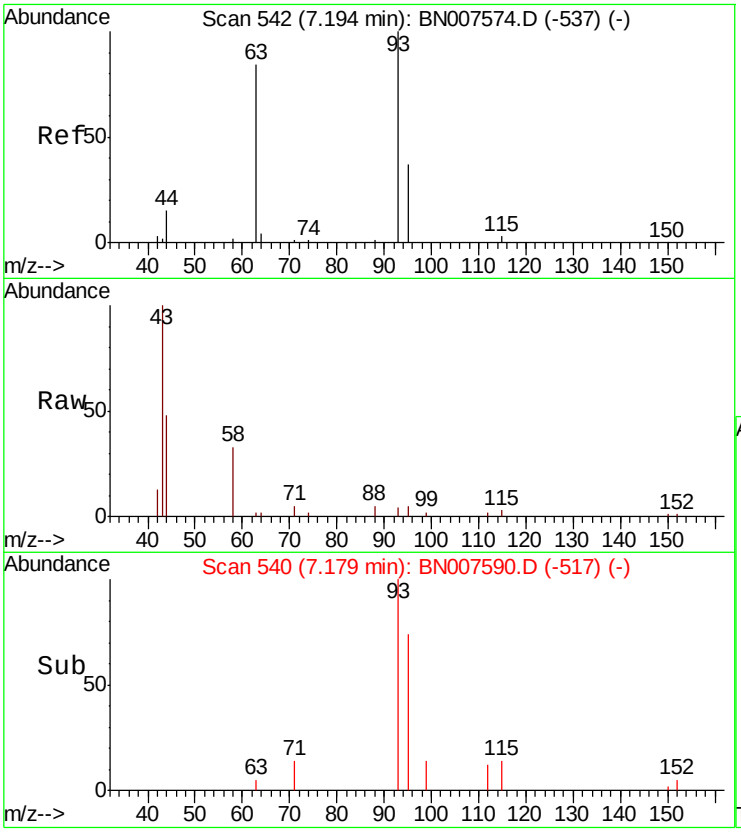


#5
Phenol-d6
Concen: 0.099 ng
RT: 6.90 min Scan# 505
Delta R.T. 0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion: 99 Resp: 2794

Ion	Ratio	Lower	Upper
99	100		
42	39.9	11.8	17.8#
71	45.4	28.8	43.2#



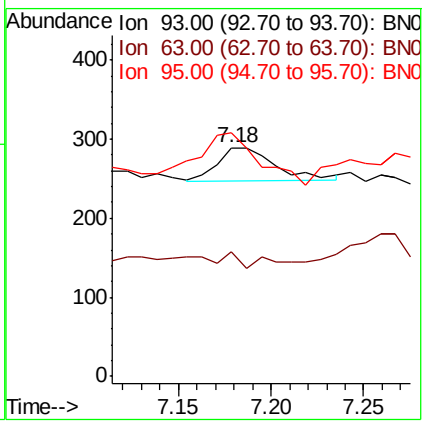


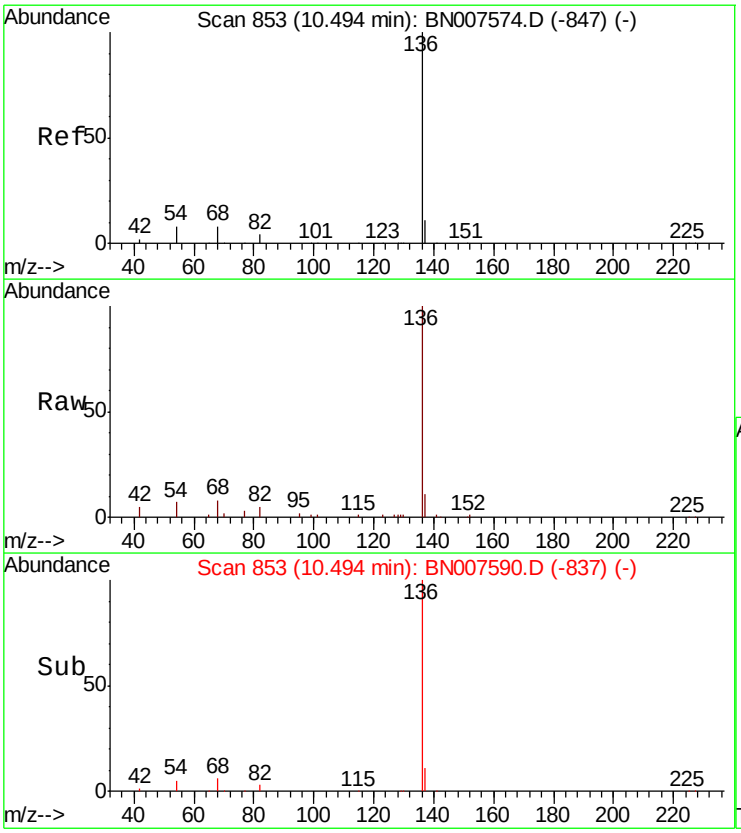
#6
bis(2-Chloroethyl)ether
Concen: 0.218 ng
RT: 7.18 min Scan# 540
Delta R.T. -0.02 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 88

Ion	Ratio	Lower	Upper
93	100		
63	0.0	69.8	104.6#
95	184.1	42.8	64.2#

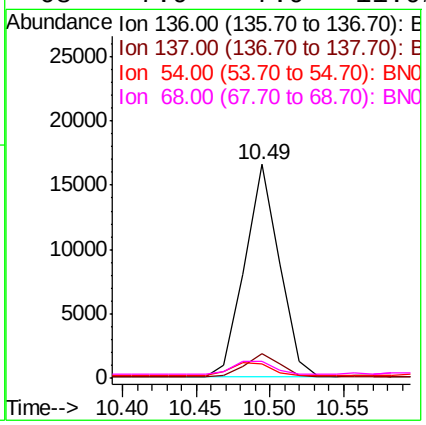


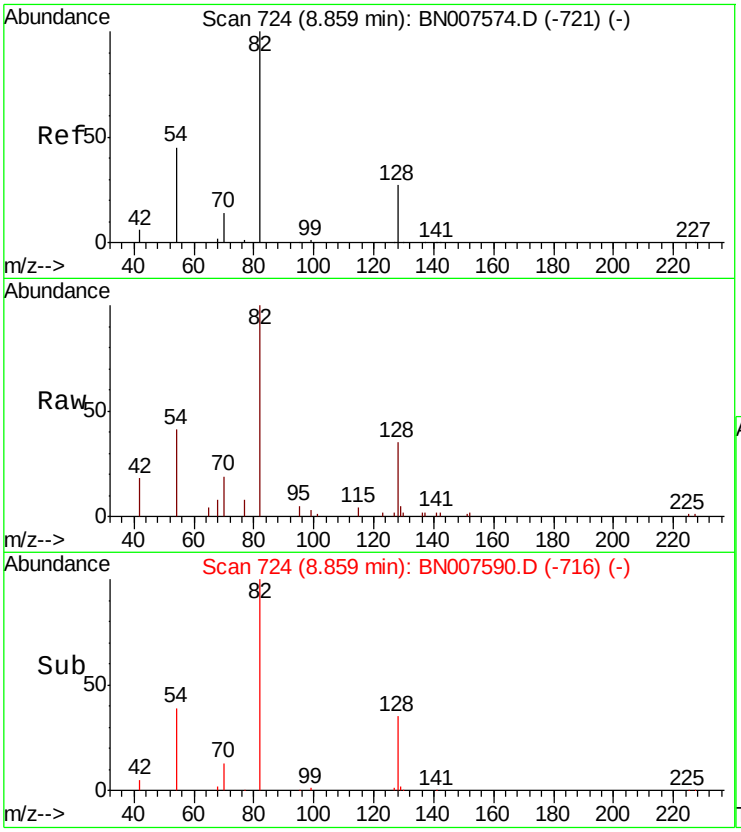


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. 0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion:136 Resp: 27090

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.8	7.5	11.3#
68	7.9	7.9	11.9#



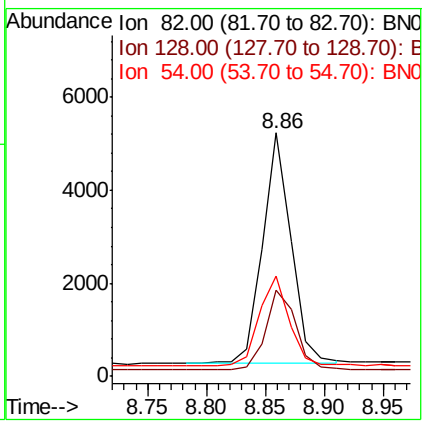


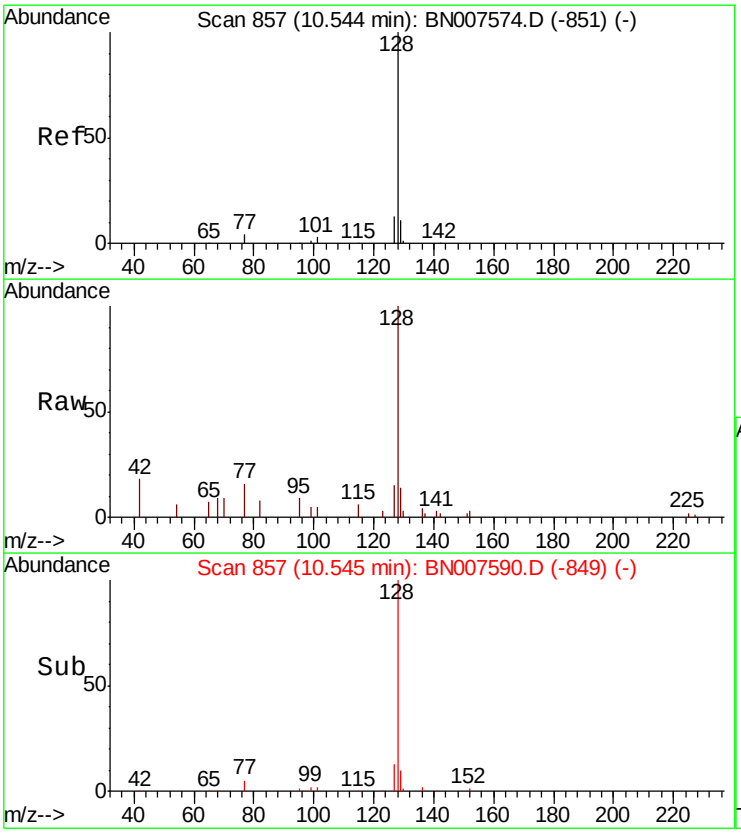
#8
Nitrobenzene-d5
Concen: 0.510 ng
RT: 8.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 8423

Ion	Ratio	Lower	Upper
82	100		
128	35.4	23.4	35.2#
54	41.1	38.2	57.2

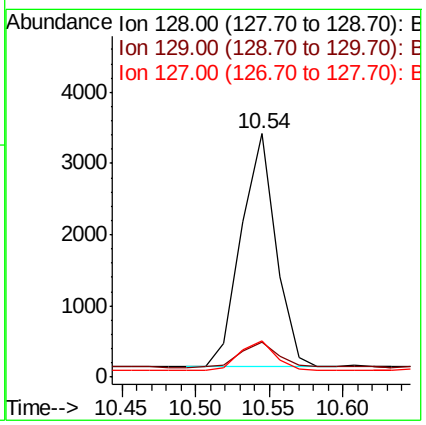


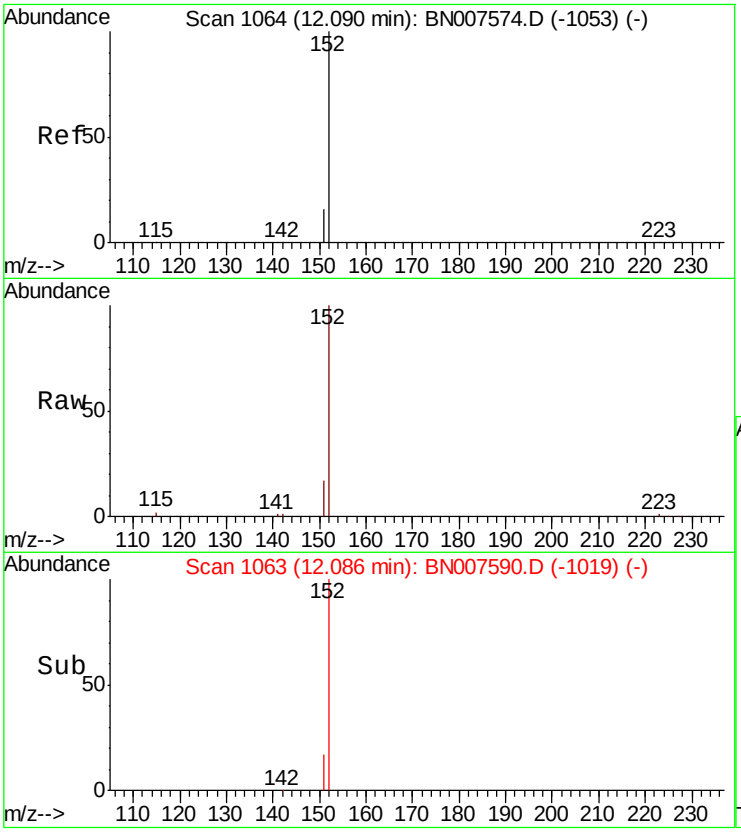


#9
Naphthalene
Concen: 0.071 ng
RT: 10.54 min Scan# 857
Delta R.T. 0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion:128 Resp: 5383

Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.3	13.9#
127	15.0	11.0	16.4



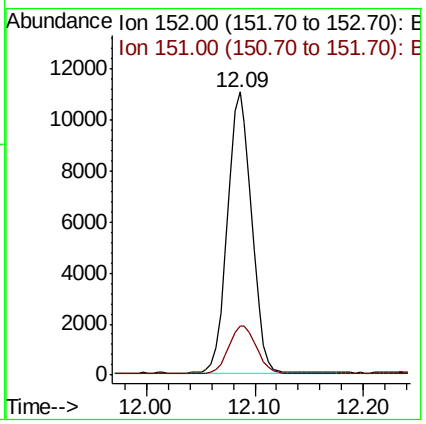


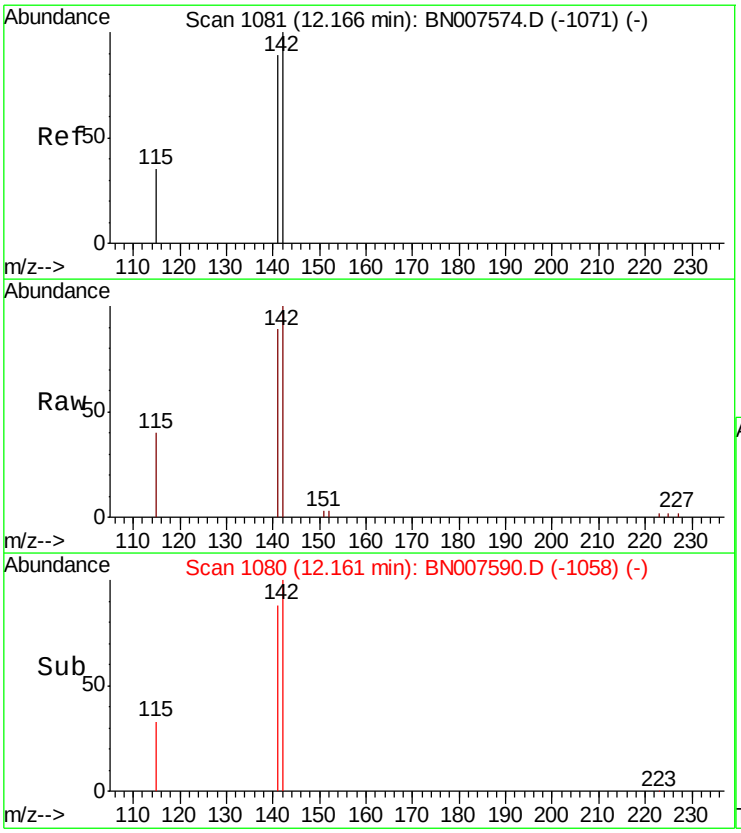
#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.09 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 16999

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9

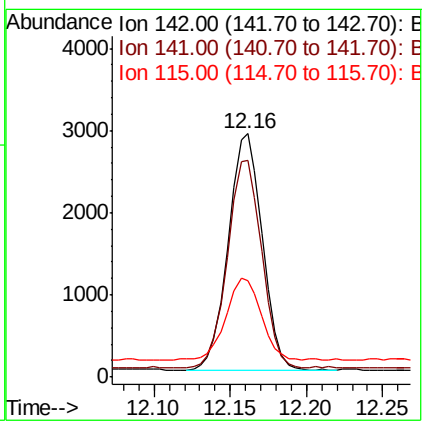


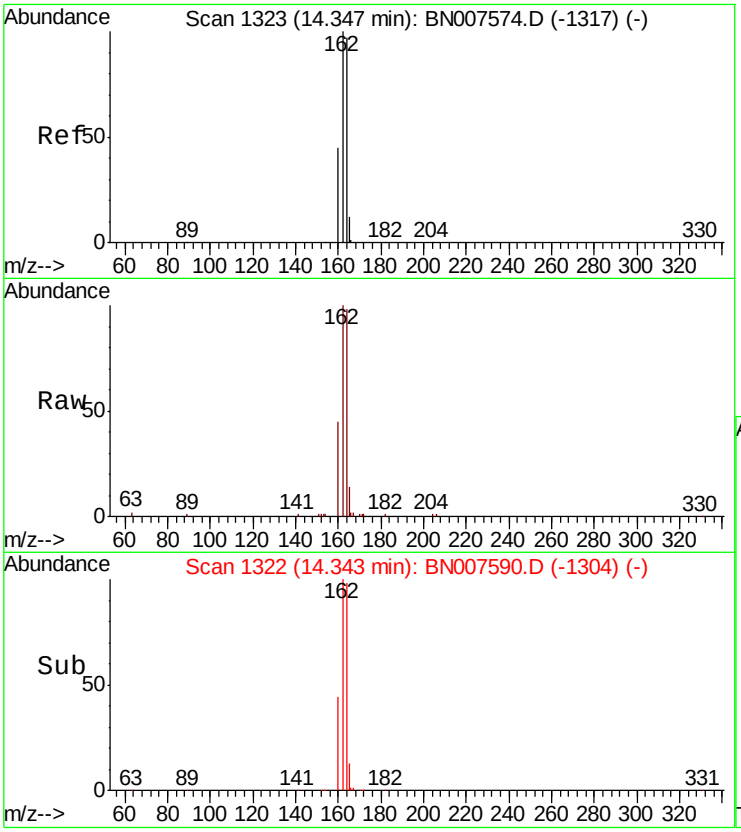


#12
2-Methylnaphthalene
Concen: 0.083 ng
RT: 12.16 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion:142 Resp: 4448

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	39.7	29.1	43.7



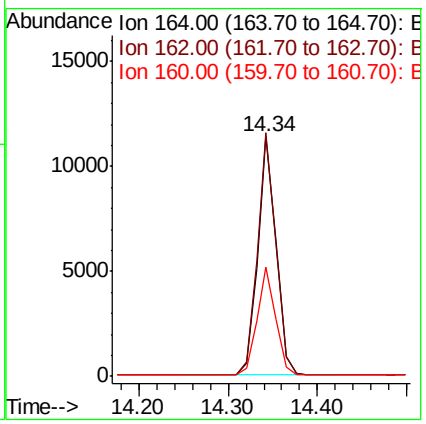


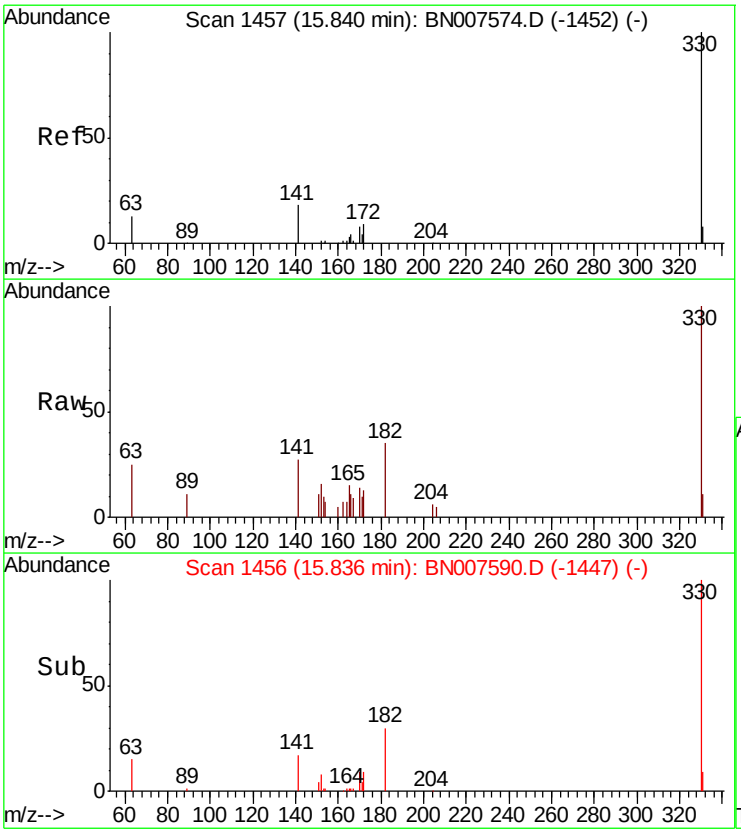
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 16289

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.2
160	45.6	37.4	56.0

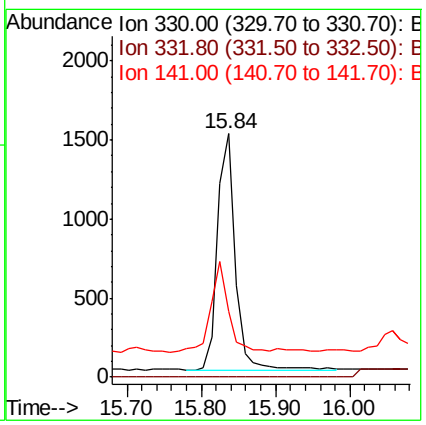


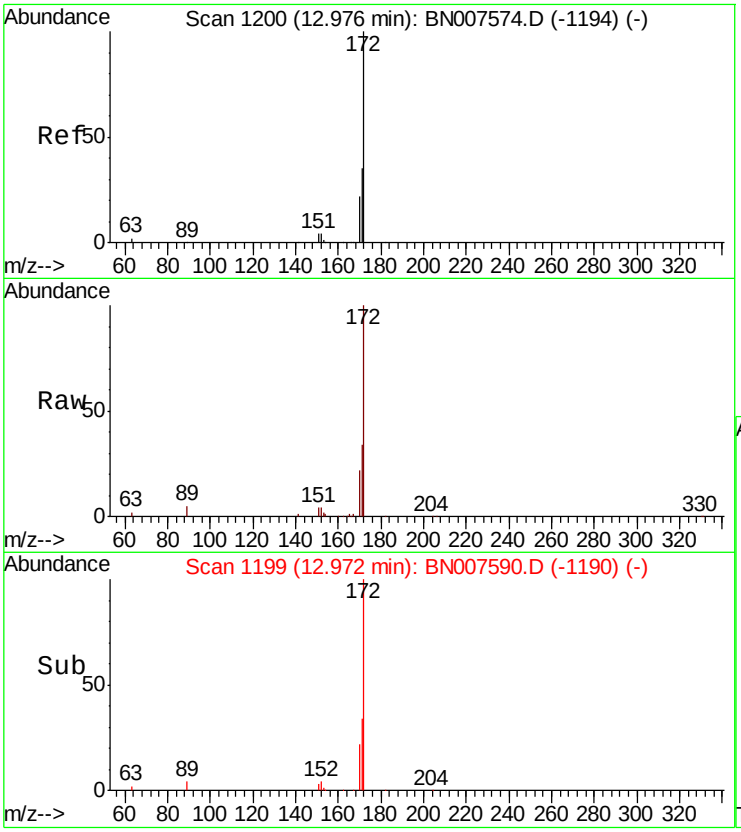


#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 15.84 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion:330 Resp: 2473

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.0	30.6	45.8



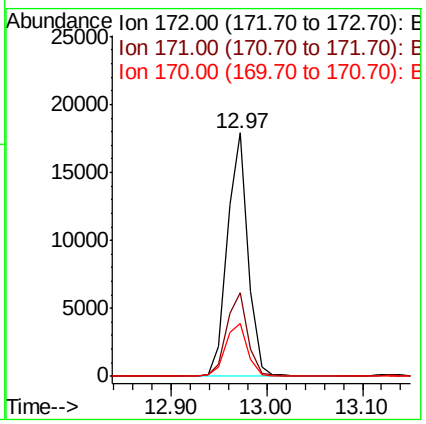


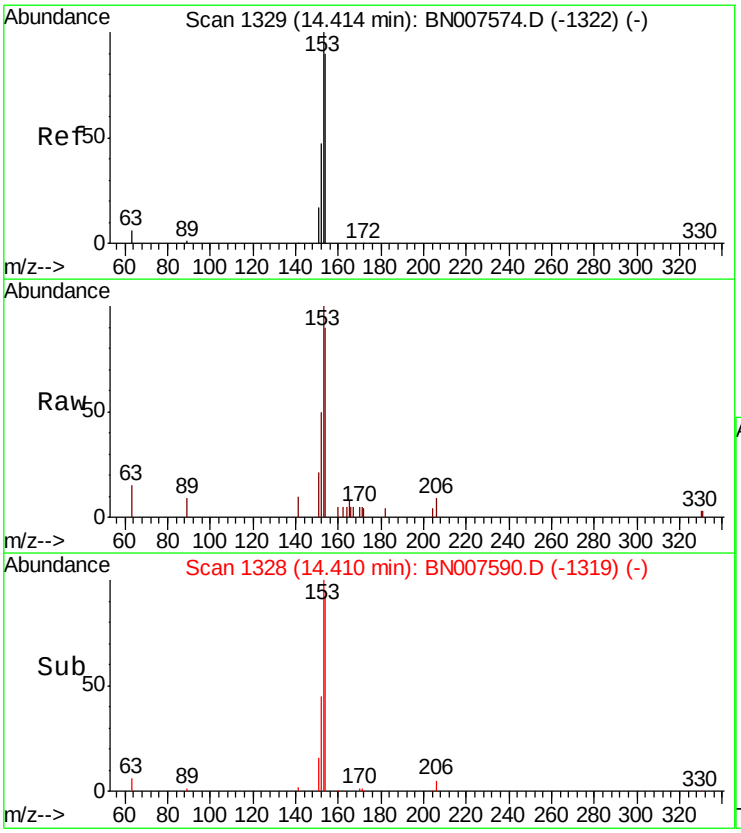
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 26486

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	22.0	18.3	27.5

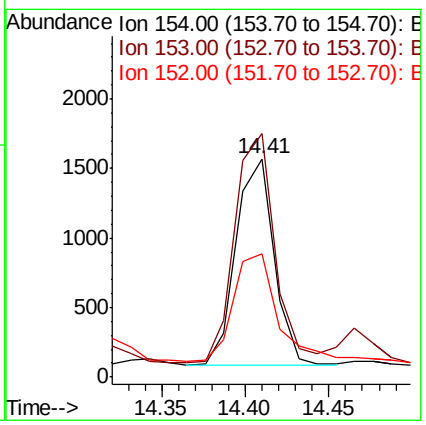


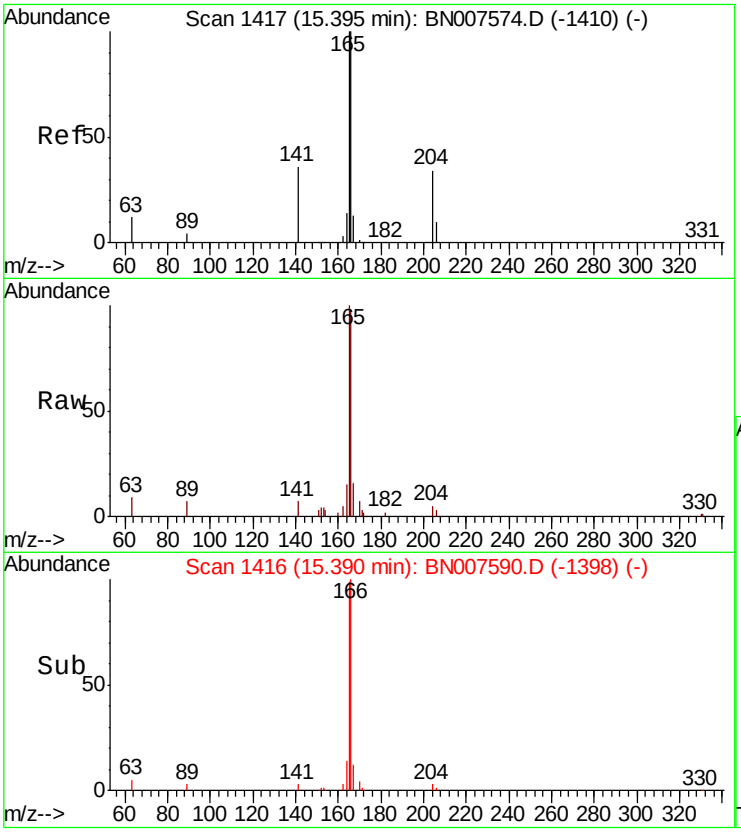


#17
Acenaphthene
Concen: 0.042 ng
RT: 14.41 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion:154 Resp: 2325

Ion	Ratio	Lower	Upper
154	100		
153	117.9	89.4	134.2
152	62.0	43.4	65.0



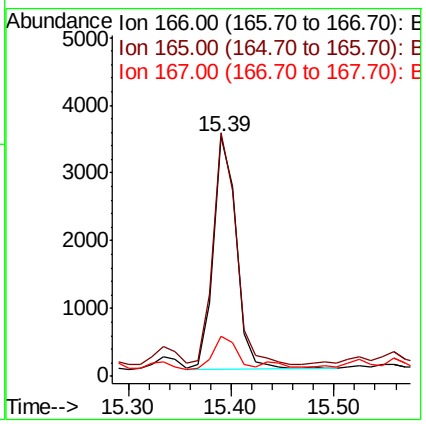


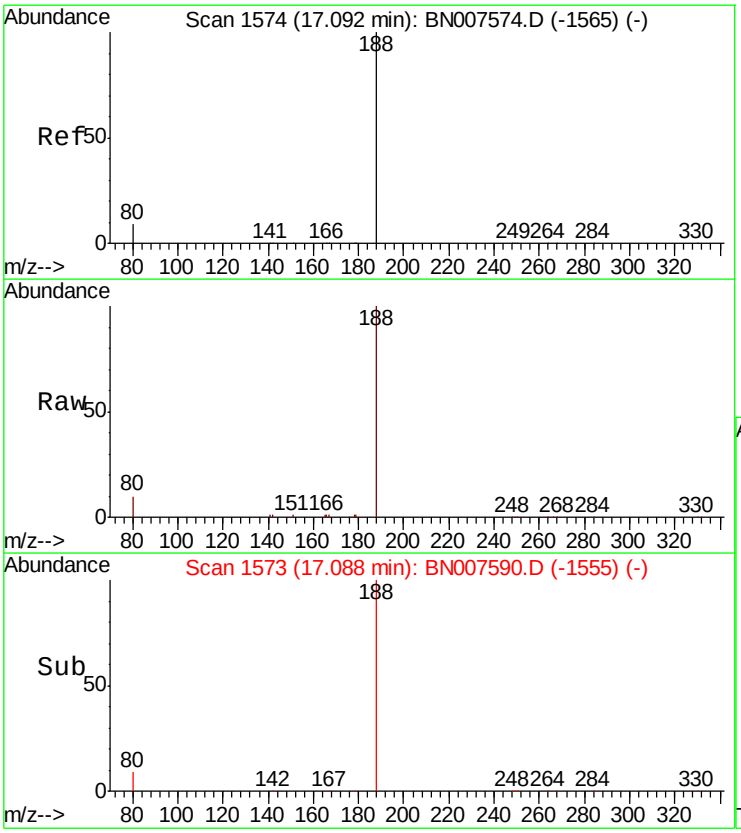
#18
Fluorene
Concen: 0.073 ng
RT: 15.39 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 5321

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.8	116.6
167	15.1	11.0	16.4

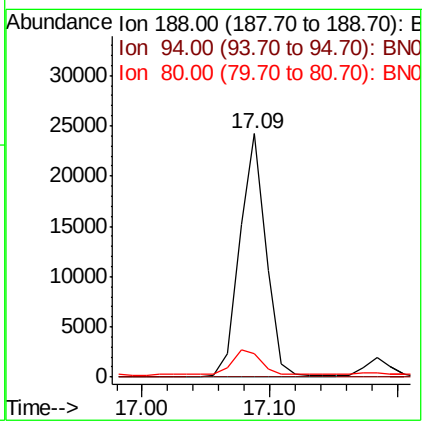


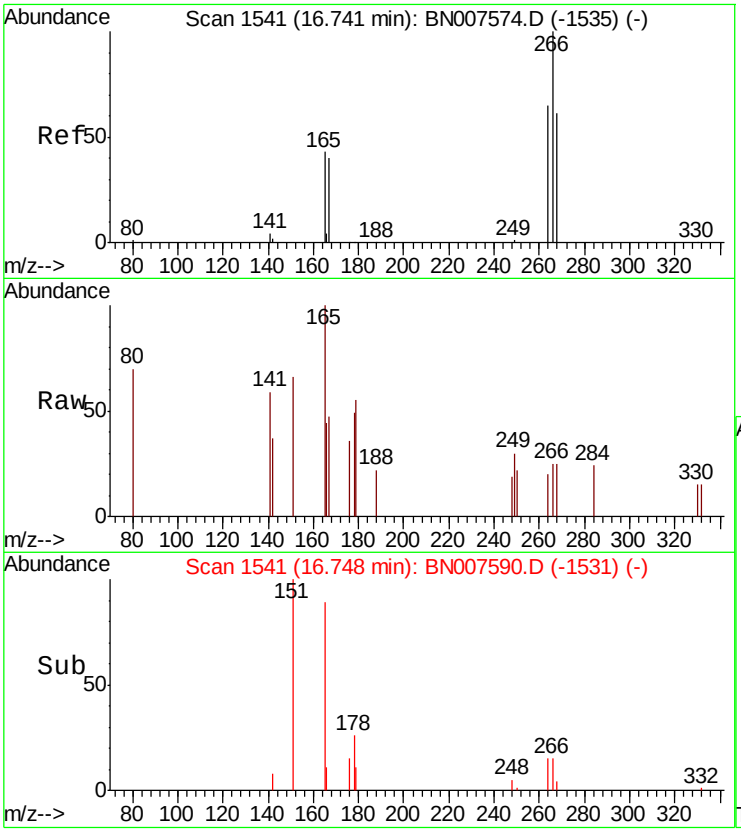


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion:188 Resp: 34326

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	8.1	12.1



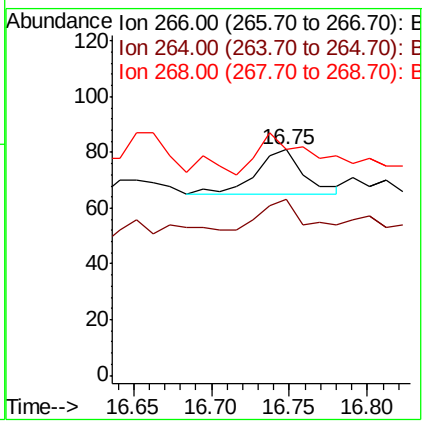


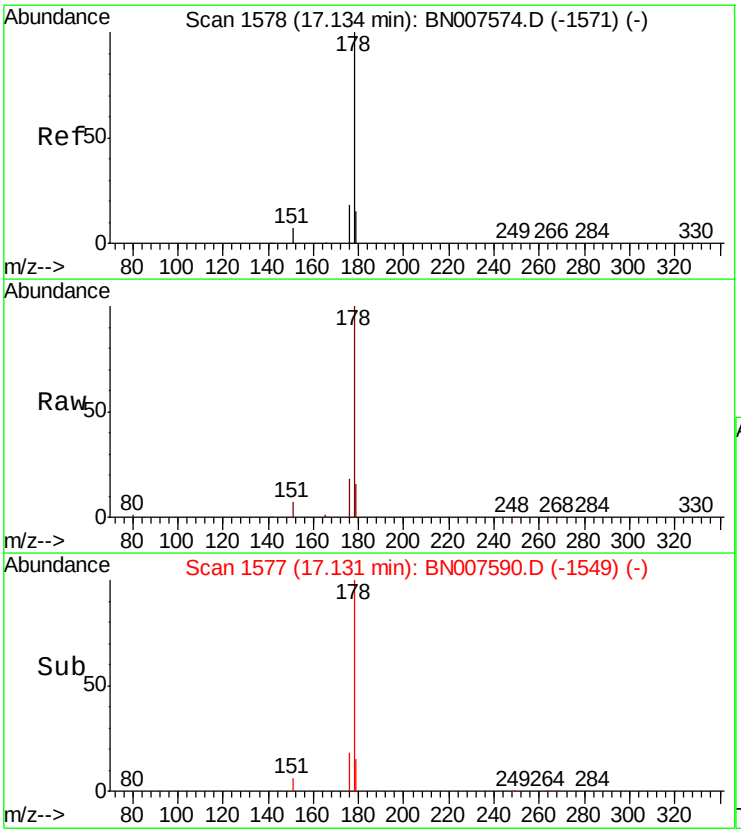
#22
Pentachlorophenol
Concen: 0.208 ng
RT: 16.75 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 35

Ion	Ratio	Lower	Upper
266	100		
264	77.8	52.0	78.0
268	100.0	53.5	80.3#

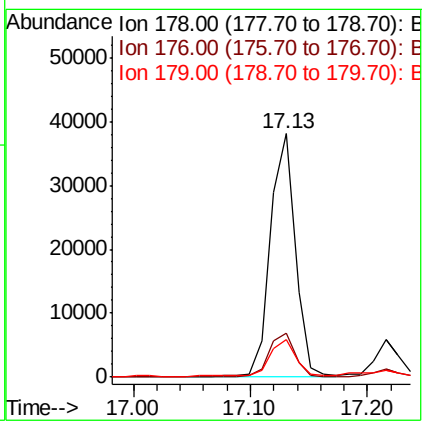


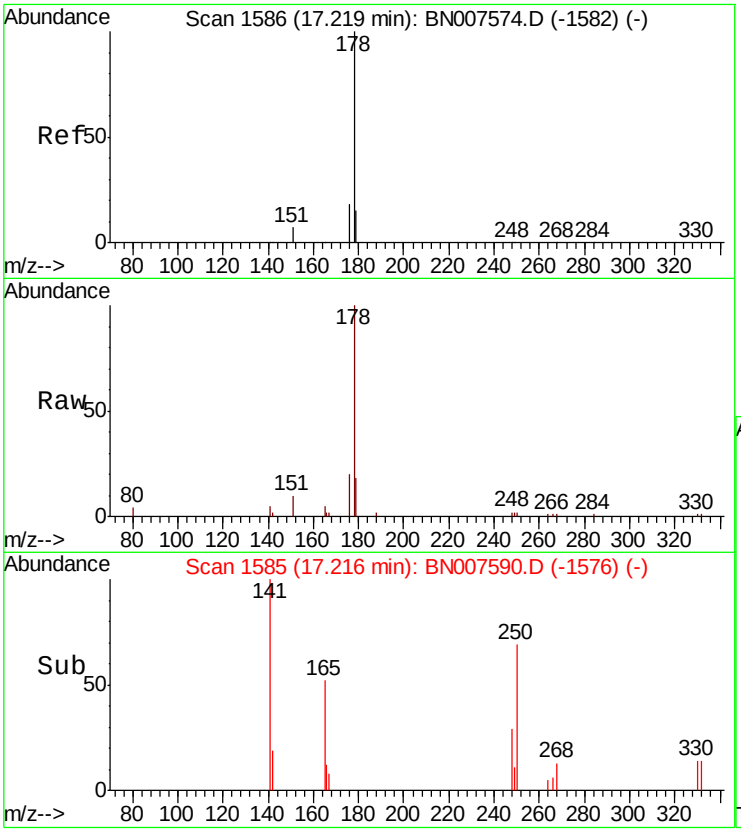


#23
Phenanthrene
Concen: 0.529 ng
RT: 17.13 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion:178 Resp: 55996

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.4	12.2	18.2



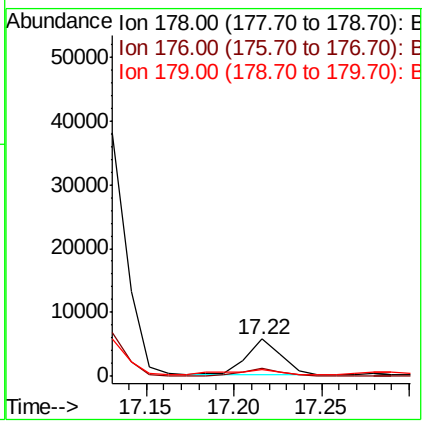


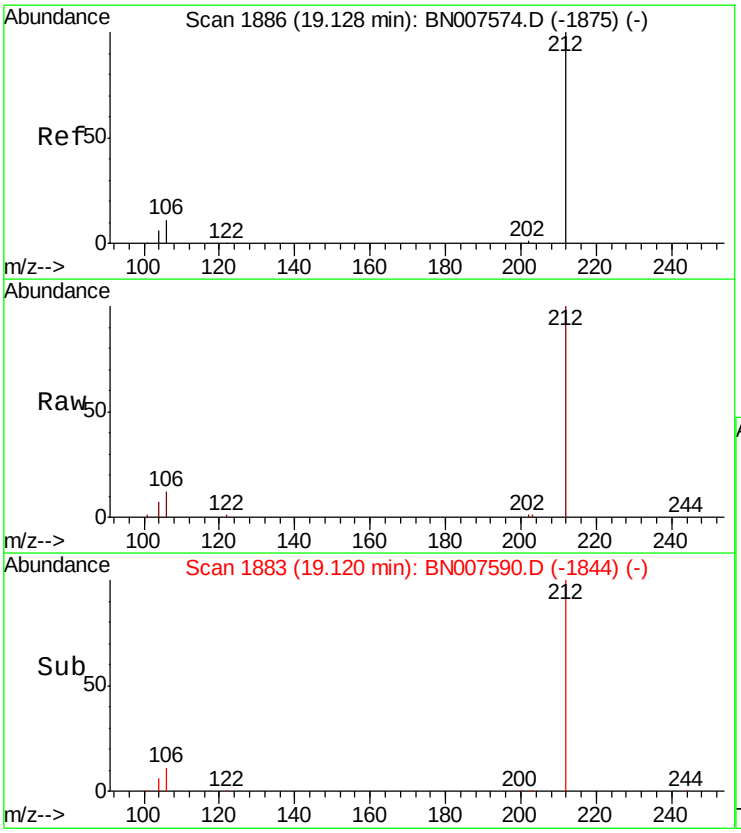
#24
Anthracene
Concen: 0.079 ng
RT: 17.22 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 7747

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	22.5	12.5	18.7#

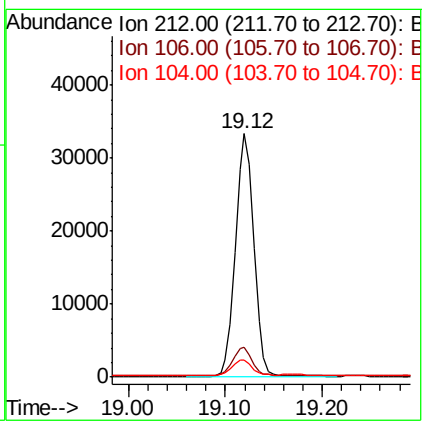


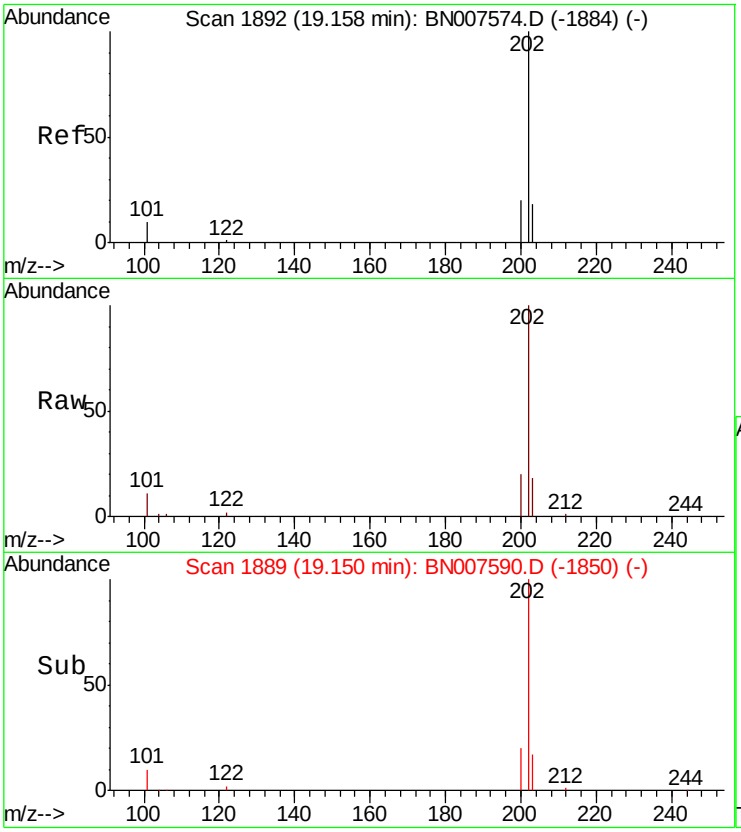


#25
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.12 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion:212 Resp: 43577

Ion	Ratio	Lower	Upper
212	100		
106	12.4	9.7	14.5
104	6.9	5.5	8.3



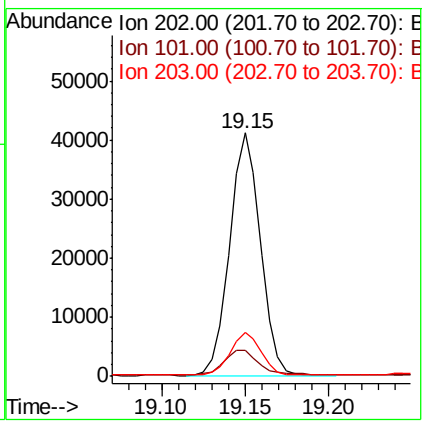


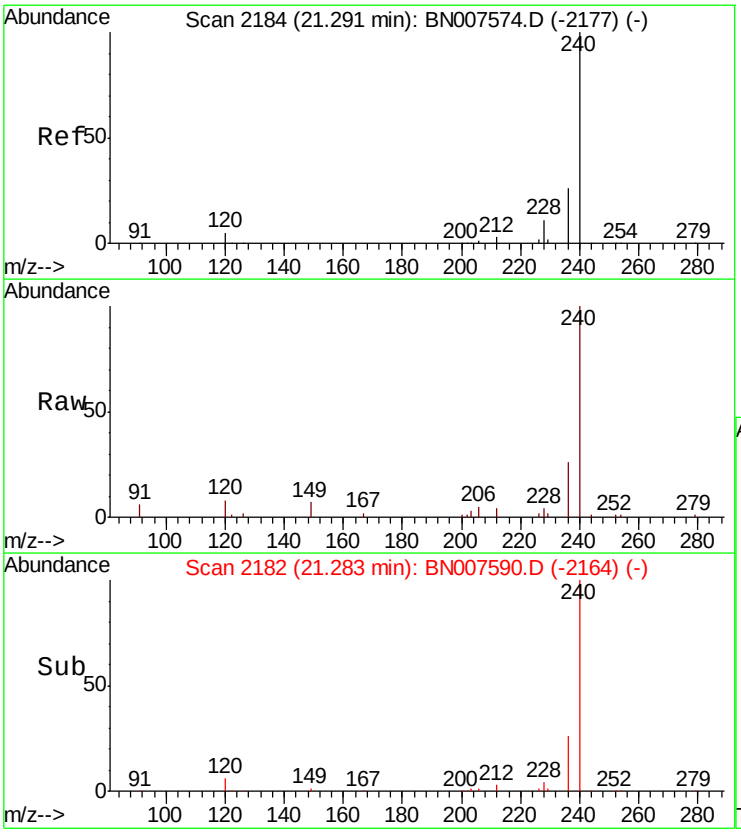
#26
Fluoranthene
Concen: 0.405 ng
RT: 19.15 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 52095

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.8	13.2
203	17.4	13.8	20.8

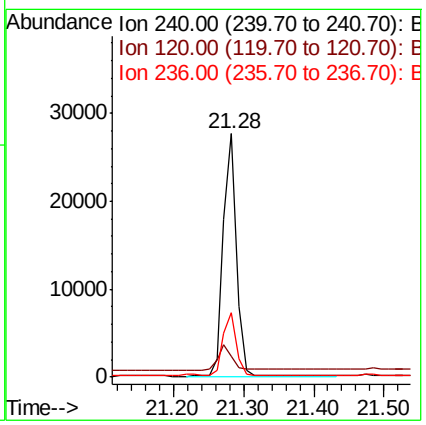


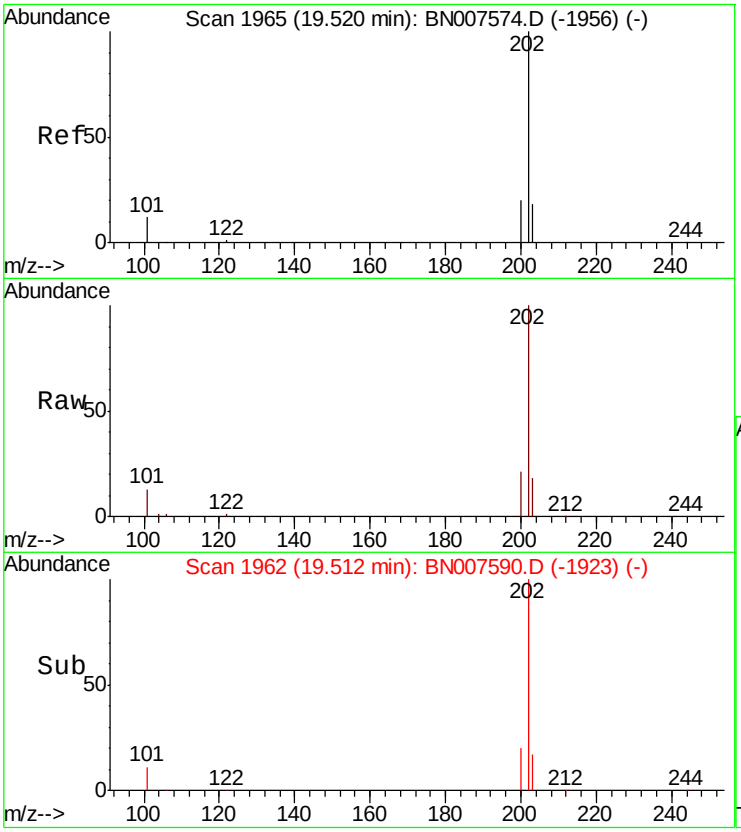


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion:240 Resp: 36031

Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.0	7.4#
236	26.3	20.6	31.0



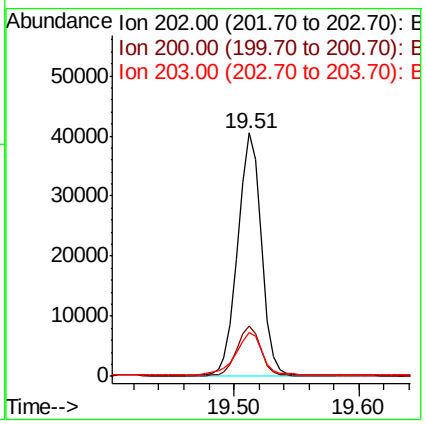


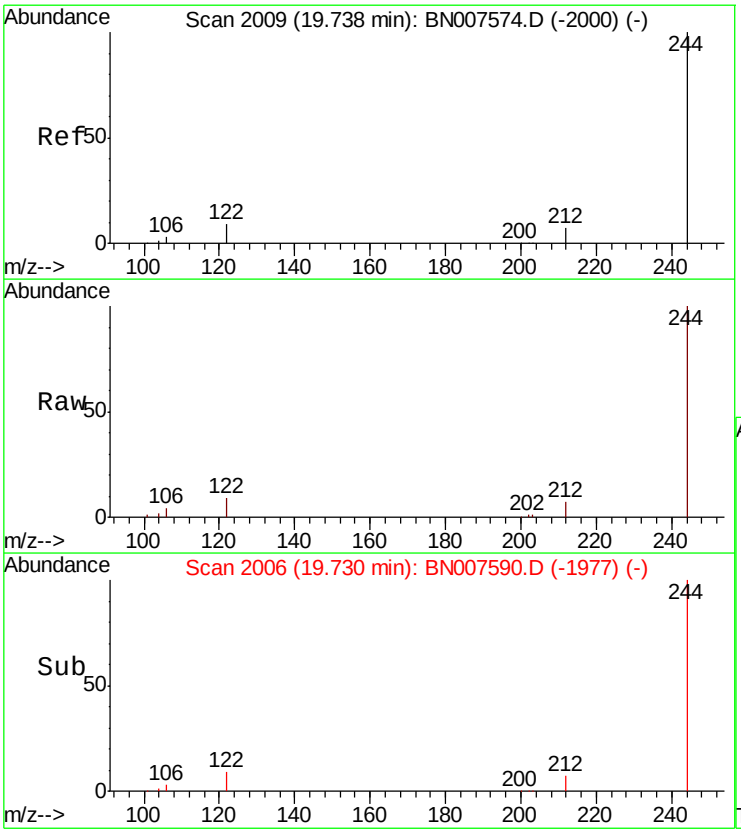
#28
Pyrene
Concen: 0.405 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 52385

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	19.9	14.1	21.1

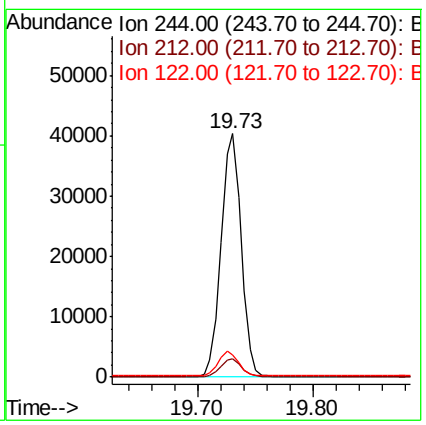


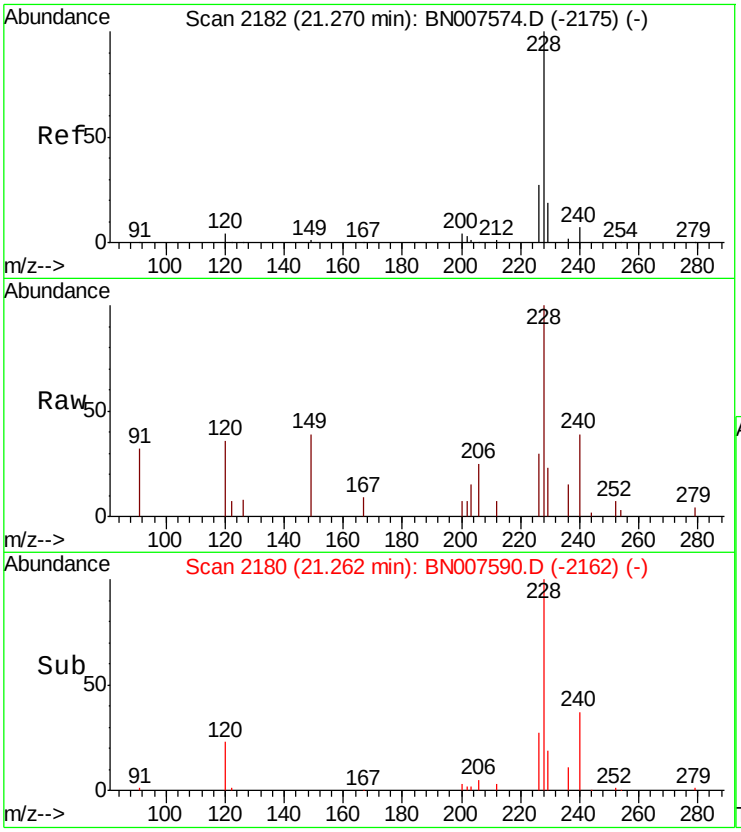


#29
Terphenyl-d14
Concen: 0.517 ng
RT: 19.73 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion:244 Resp: 48422

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.2	7.8	11.6



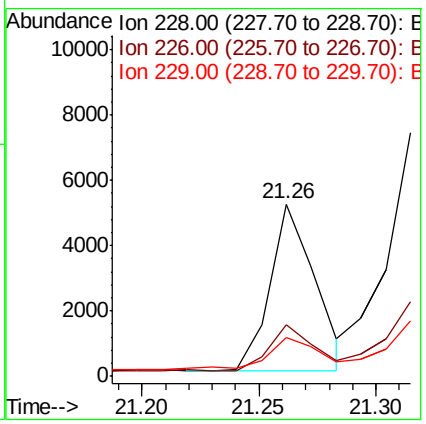


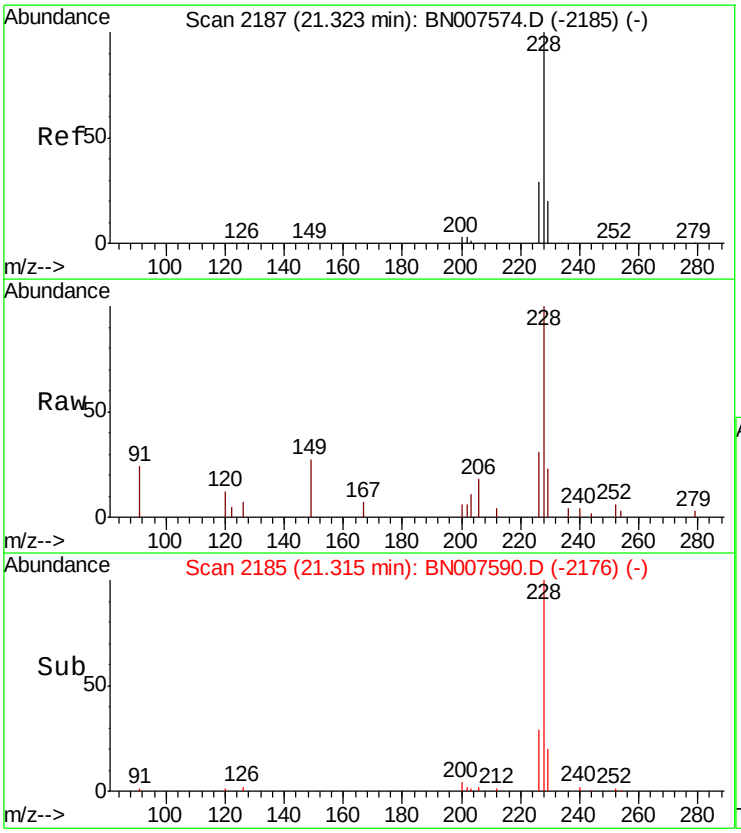
#30
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.26 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6881

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.6	32.4
229	22.8	15.7	23.5

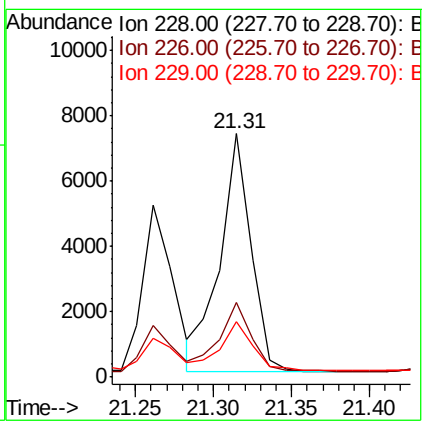


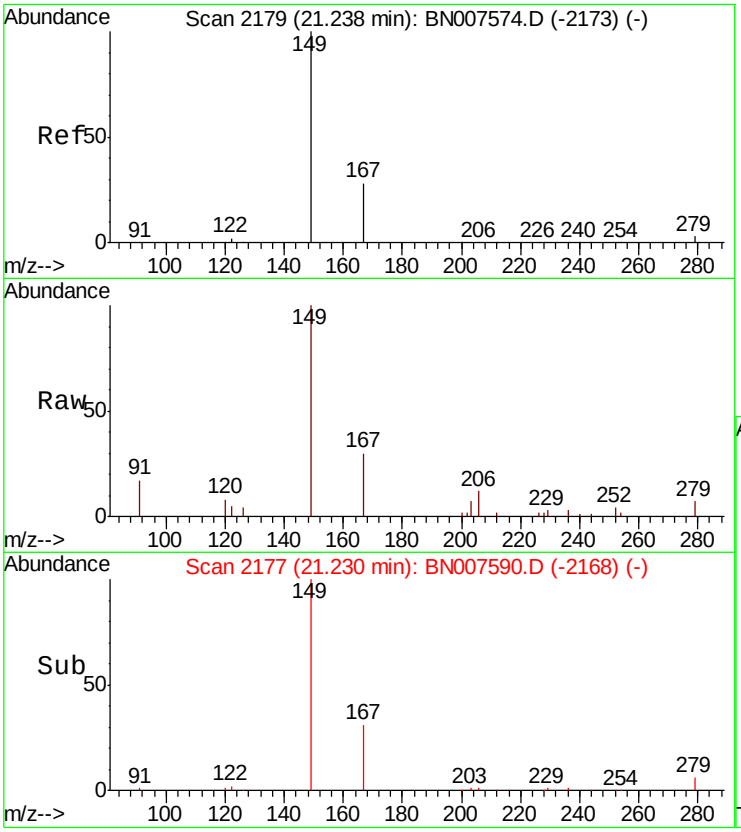


#31
Chrysene
Concen: 0.077 ng
RT: 21.31 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion:228 Resp: 10045

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.6	15.7	23.5



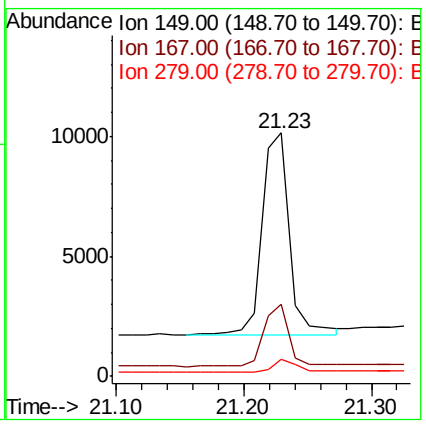


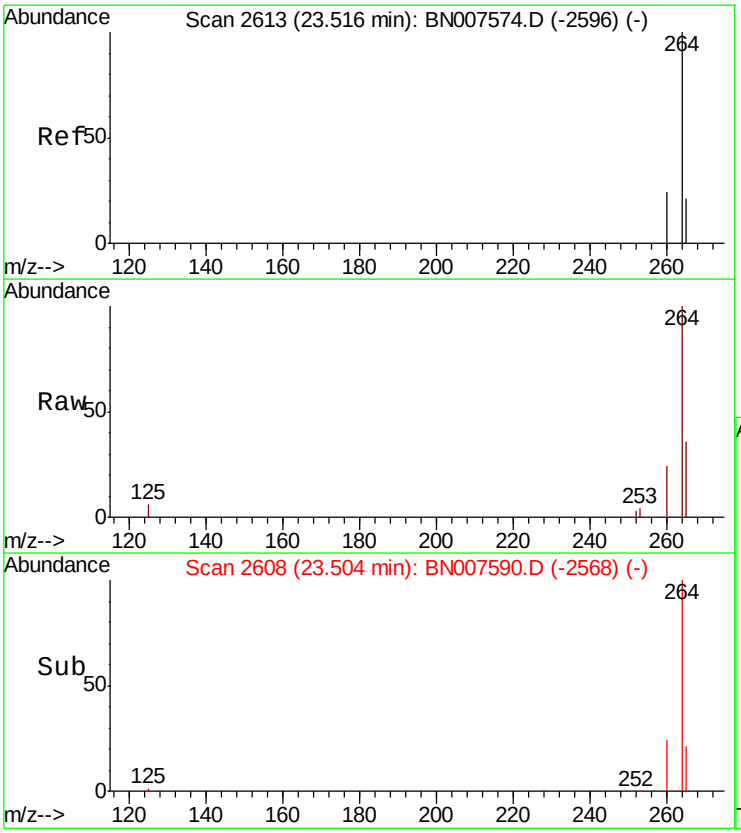
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.281 ng
RT: 21.23 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 12408

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	5.5	3.9	5.9





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BN007590.D
Acq: 11 Sep 2019 16:28

Tgt Ion:264 Resp: 39056

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	35.9	25.6	38.4