Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007864.D
Acq On : 25 Sep 2019 21:16
Operator : JU
Sample : K4994-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-SW092-091819-1

Quant Time: Sep 26 03:54:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	10416	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	38791	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	22117	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	41660	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	46135	0.40	ng		-0.02
34) Perylene-d12	23.47	264	56966	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	1315	0.04	ng		0.00
5) Phenol-d6	6.87	99	1705	0.03	ng		0.00
8) Nitrobenzene-d5	8.83	82	1443	0.04	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	2730	0.04	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	397	0.03	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	3909	0.04	ng		-0.01
25) Fluoranthene-d10	19.01	212	6827	0.05	ng		-0.10
29) Terphenyl-d14	19.69	244	7518	0.07	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.00	42	16970	3.191	ng	#	75
9) Naphthalene	10.51	128	38510	0.354	ng		100
12) 2-Methylnaphthalene	12.13	142	32354	0.440	ng		100
16) Acenaphthylene	14.03	152	250716	2.137	ng		99
17) Acenaphthene	14.38	154	34111	0.451	ng	#	88
18) Fluorene	15.36	166	74491	0.769	ng		86
23) Phenanthrene	17.10	178	1786091	13.763	ng		100
24) Anthracene	17.19	178	349401	2.981	ng		98
26) Fluoranthene	19.12	202	2583619	16.010	ng		98
28) Pyrene	19.49	202	3789318	24.083	ng	#	95
30) Benzo(a)anthracene	21.24	228	1970175	11.597	ng		96
31) Chrysene	21.29	228	2094542	12.650	ng		97
32) Bis(2-ethylhexyl)phthalate	21.19	149	28561	0.327	ng	#	82
33) Indeno(1,2,3-cd)pyrene	25.68	276	1004473	4.845	ng		97
35) Benzo(b)fluoranthene	22.81	252	2597652	13.135	ng		99
36) Benzo(k)fluoranthene	22.81	252	2597652	13.283	ng		99
37) Benzo(a)pyrene	23.37	252	1680567	9.043	ng		98
38) Dibenzo(a,h)anthracene	25.68	278	312816	1.645	ng		93
39) Benzo(g,h,i)perylene	26.35	276	1199055	6.372	ng		99

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
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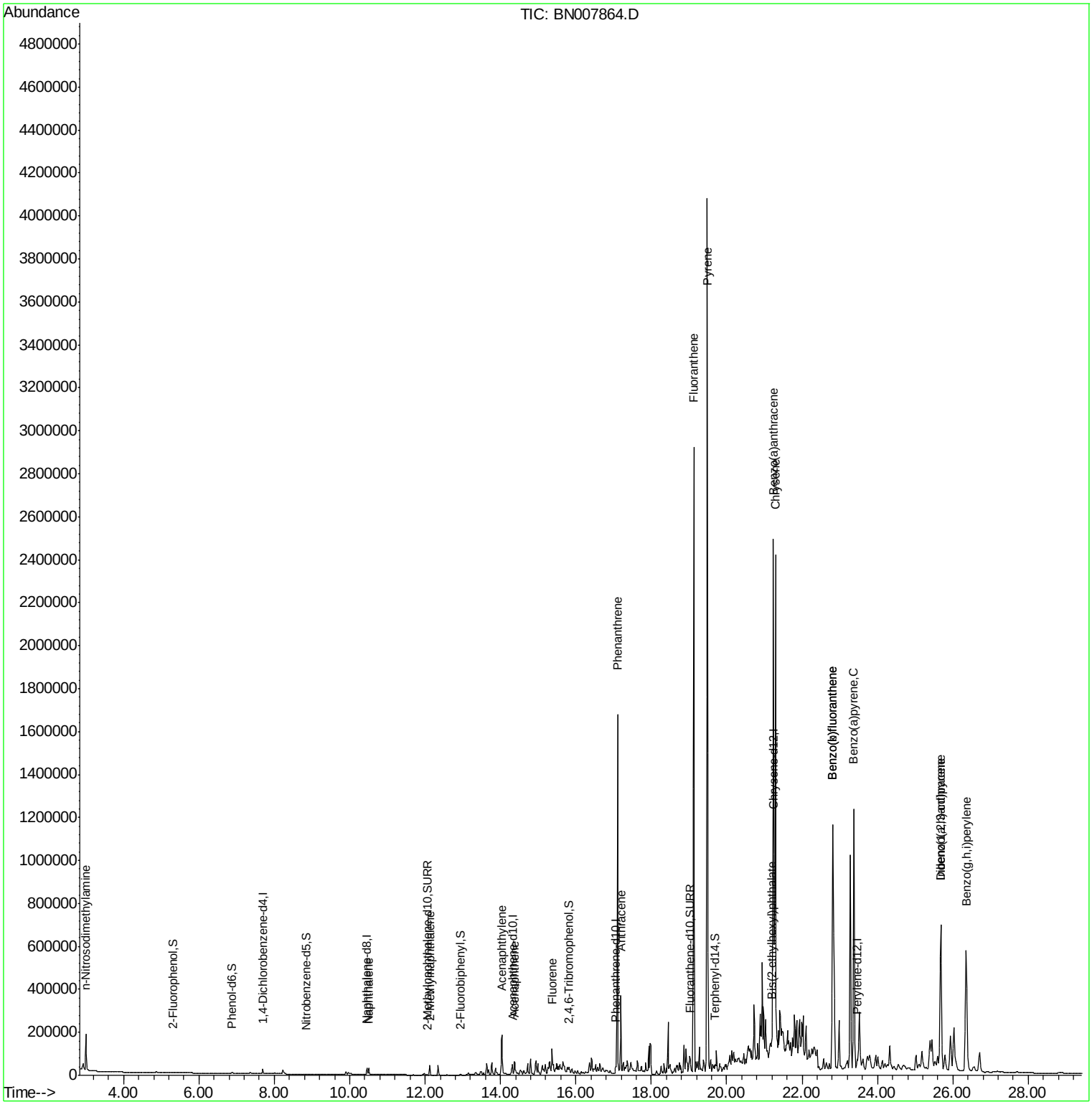
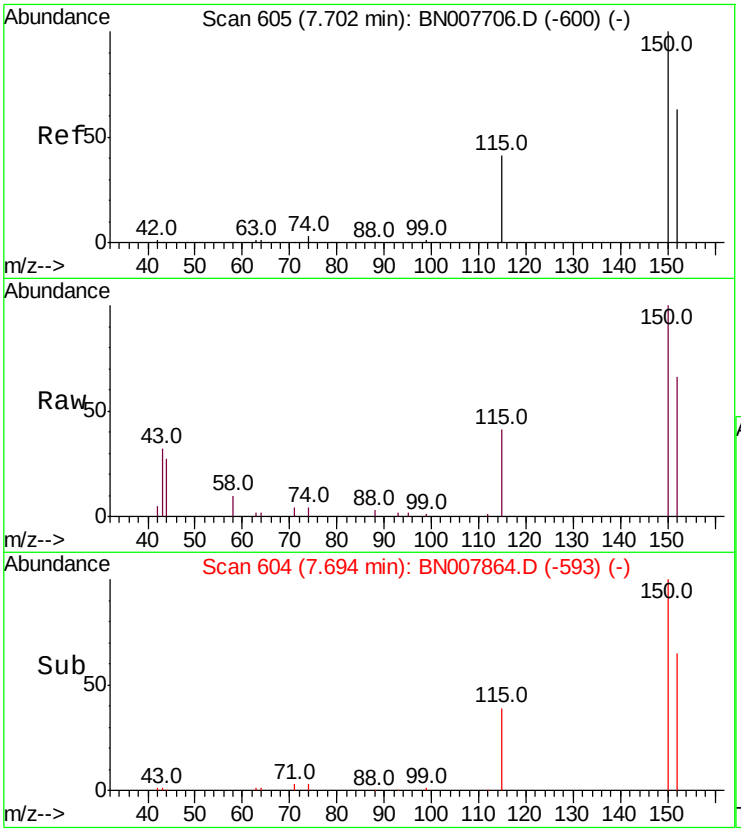
EXT-SW092-091819-1

Quant Time: Sep 26 03:54:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



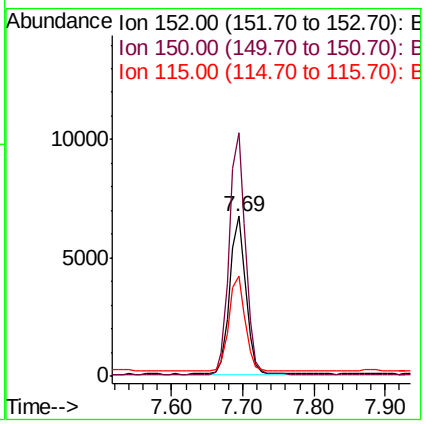


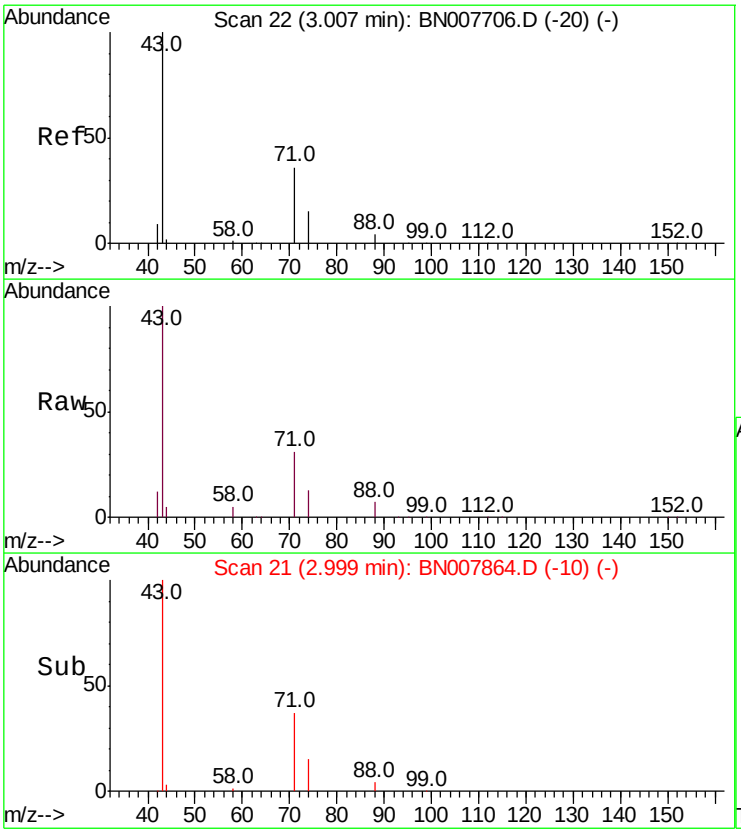
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:152 Resp: 10416

Ion	Ratio	Lower	Upper
152	100		
150	152.1	125.6	188.4
115	62.7	53.3	79.9

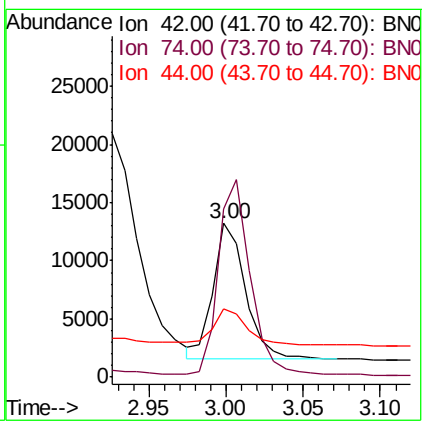


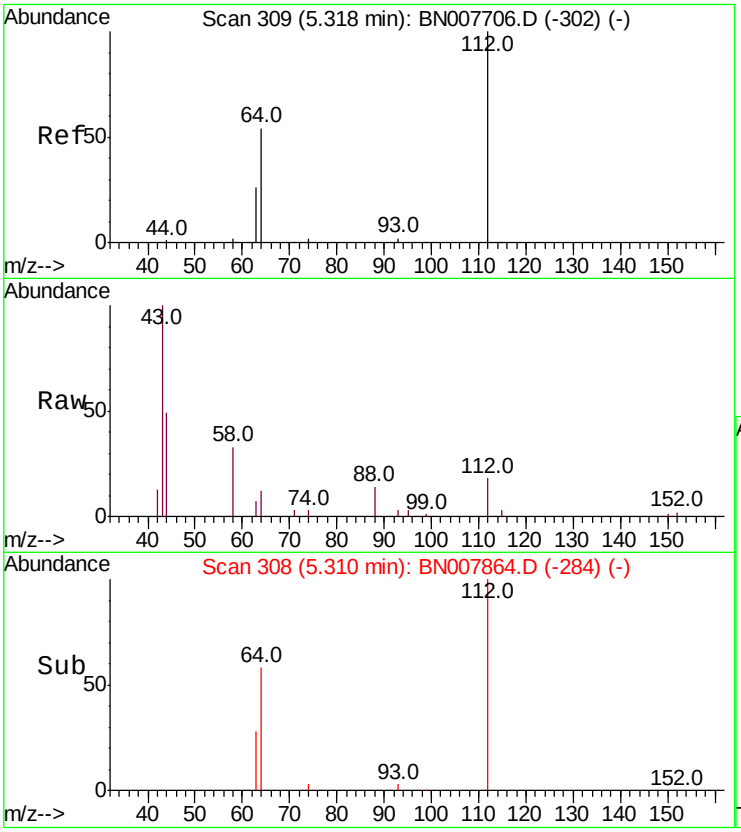


#3
n-Nitrosodimethylamine
Concen: 3.191 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion: 42 Resp: 16970

Ion	Ratio	Lower	Upper
42	100		
74	140.1	87.9	131.9#
44	28.2	29.4	44.0#



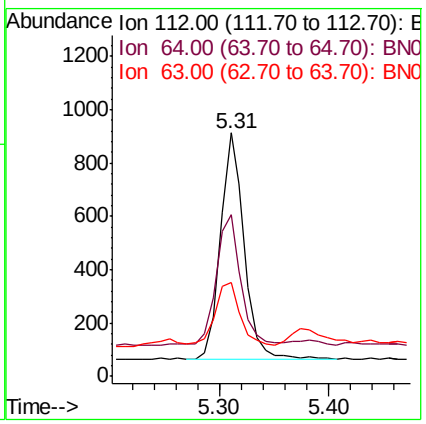


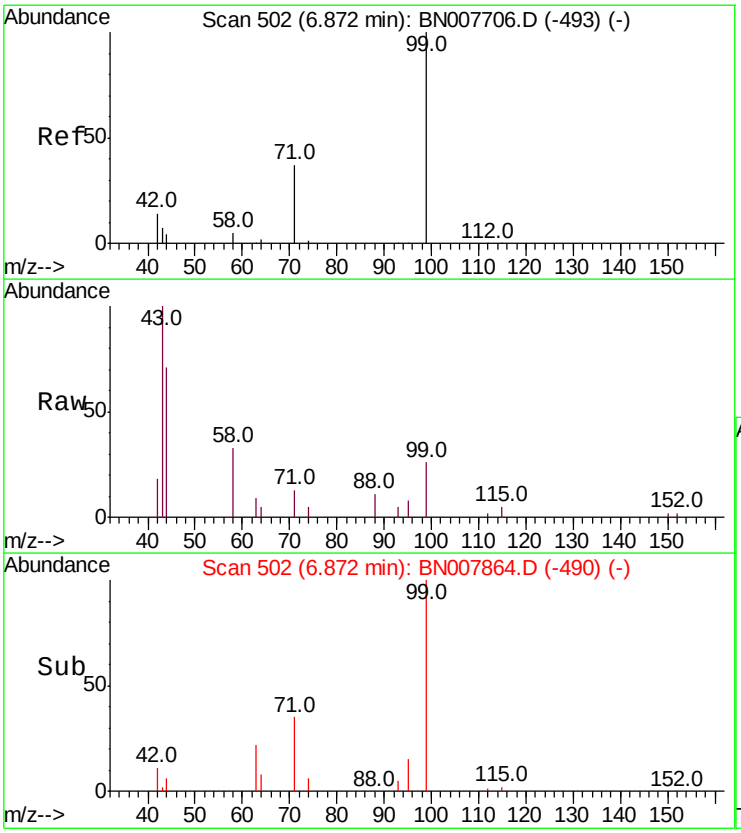
#4
2-Fluorophenol
Concen: 0.037 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:112 Resp: 1315

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.6	70.0
63	28.5	23.1	34.7

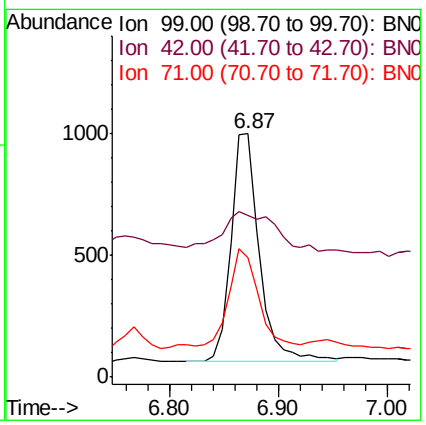


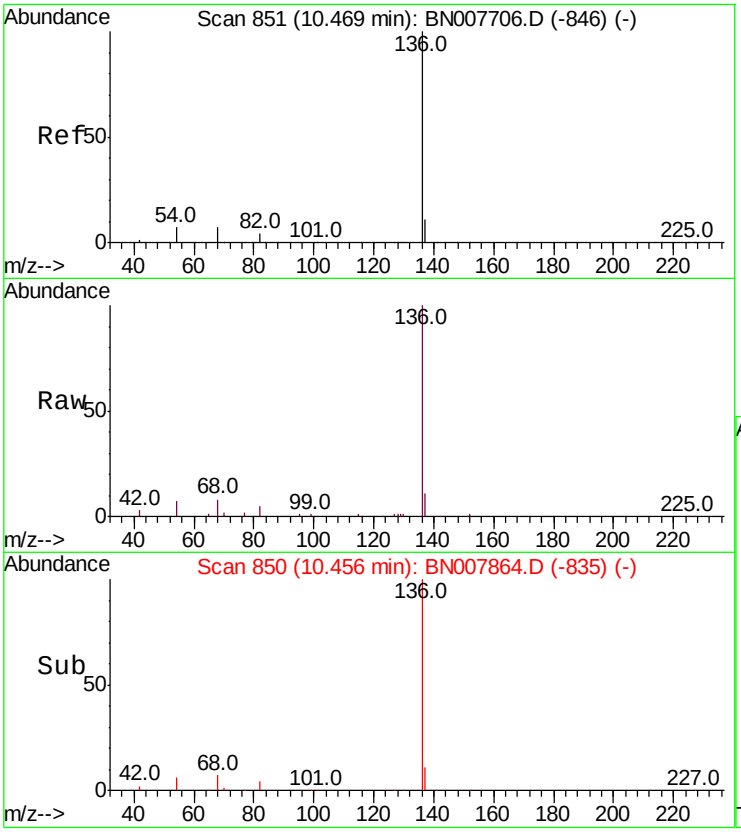


#5
Phenol-d6
Concen: 0.032 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion: 99 Resp: 1705

Ion	Ratio	Lower	Upper
99	100		
42	45.3	12.8	19.2#
71	48.4	27.6	41.4#



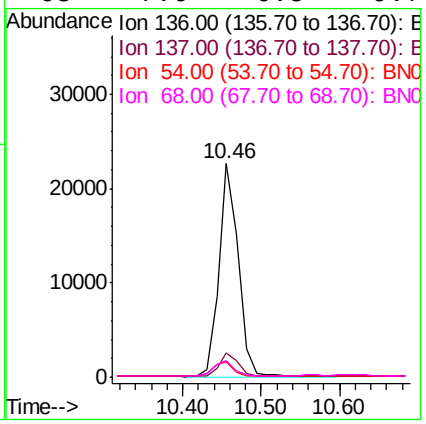


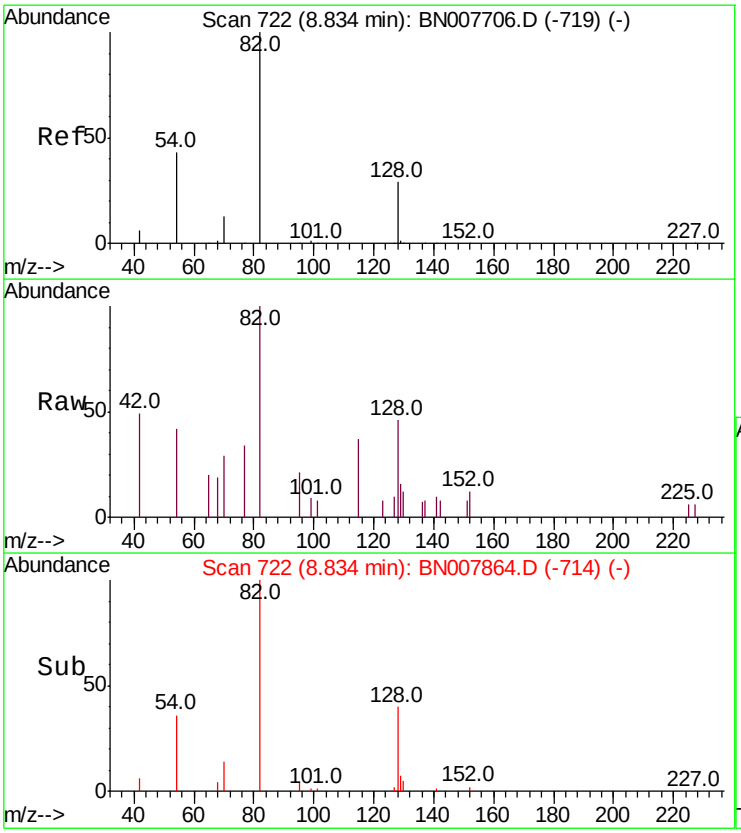
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:136 Resp: 38791

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.0	5.8	8.8
68	7.6	6.5	9.7

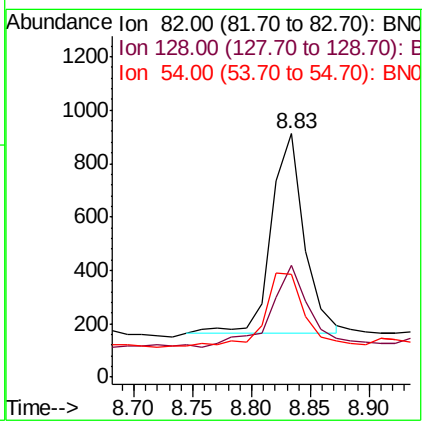


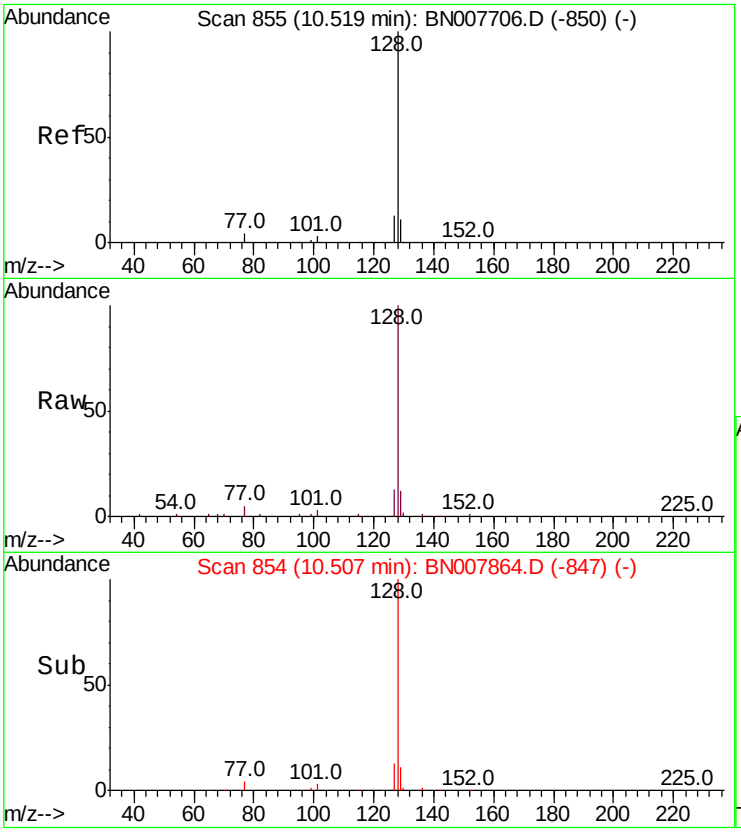


#8
Nitrobenzene-d5
Concen: 0.043 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion: 82 Resp: 1443

Ion	Ratio	Lower	Upper
82	100		
128	46.1	24.5	36.7#
54	42.2	35.2	52.8



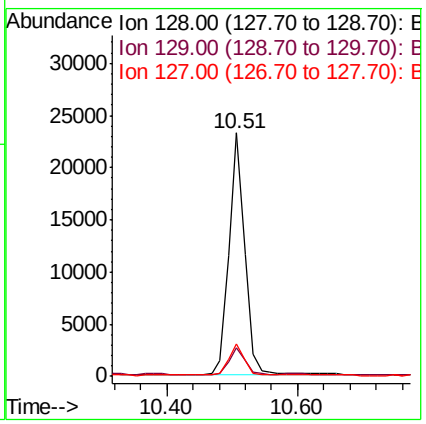


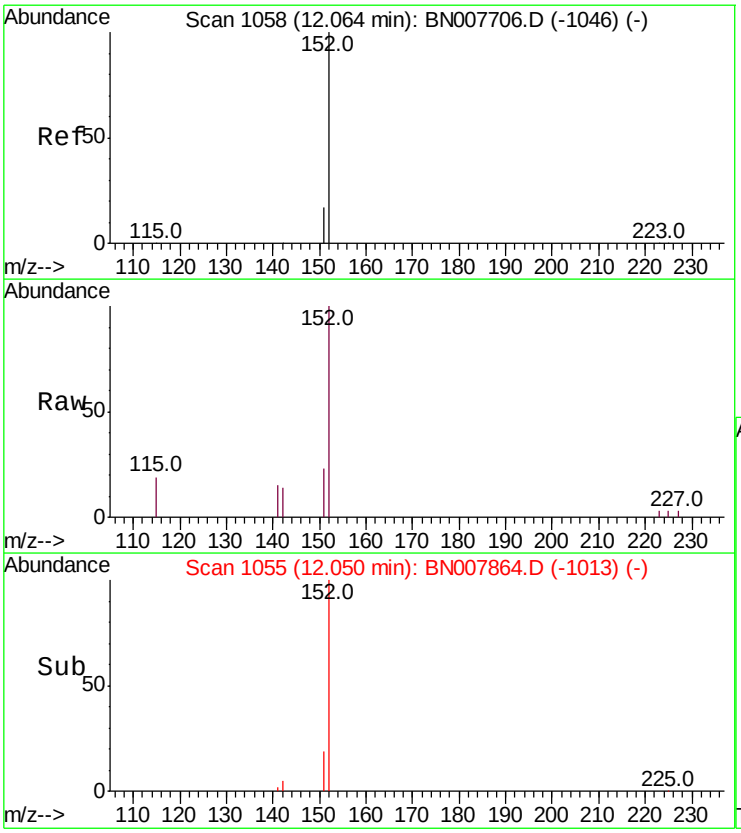
#9
Naphthalene
Concen: 0.354 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:128 Resp: 38510

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.2	10.6	15.8

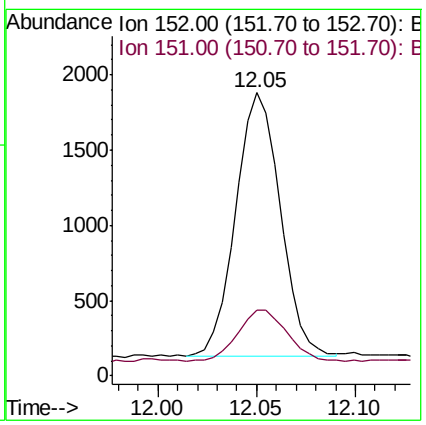


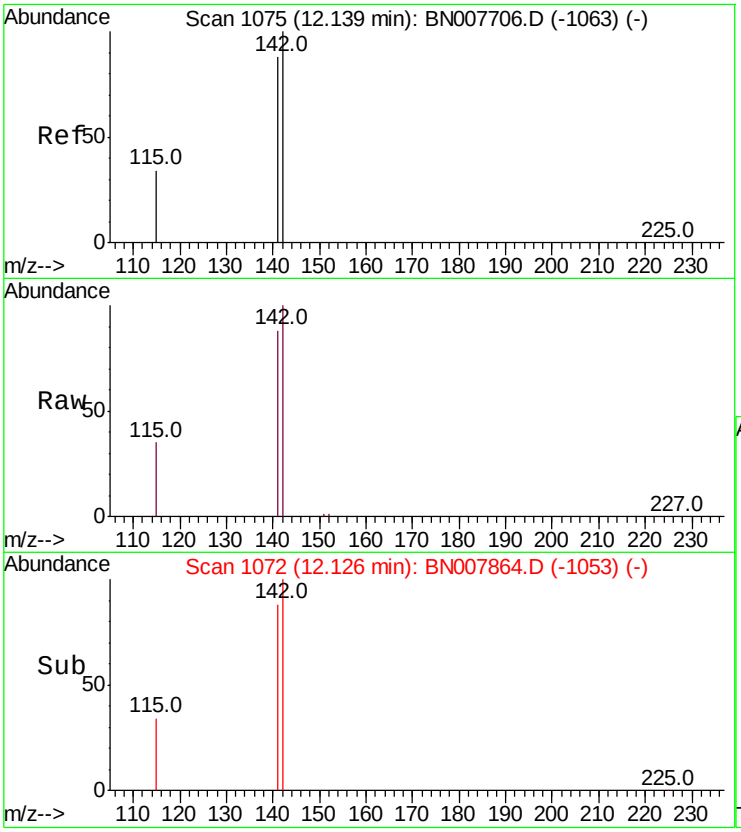


#11
2-Methylnaphthalene-d10
Concen: 0.042 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:152 Resp: 2730

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.4	23.2



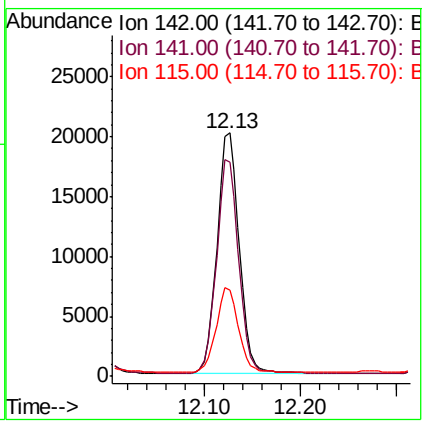


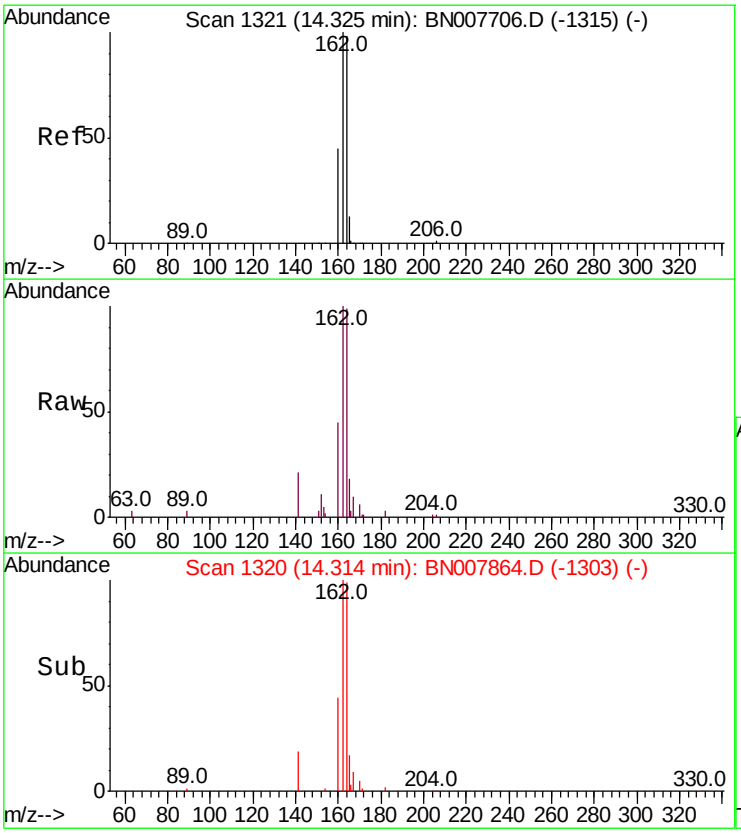
#12
2-Methylnaphthalene
Concen: 0.440 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:142 Resp: 32354

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	106.0
115	35.3	28.3	42.5

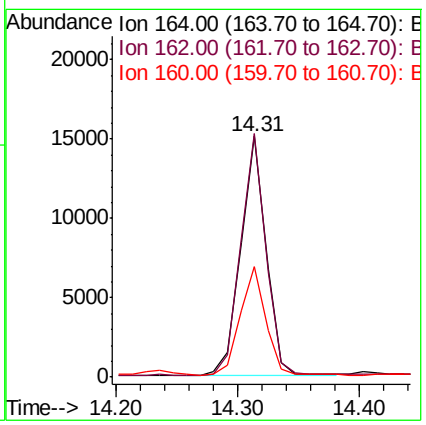


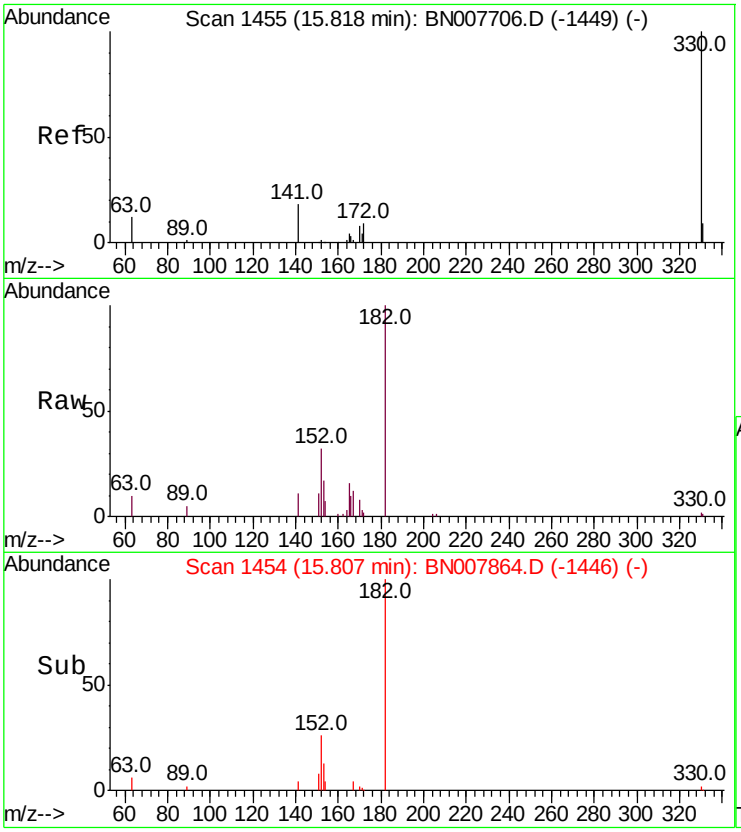


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:164 Resp: 22117

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.7	122.5
160	45.8	37.0	55.4



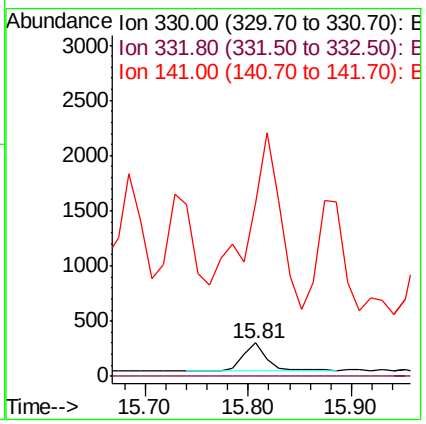


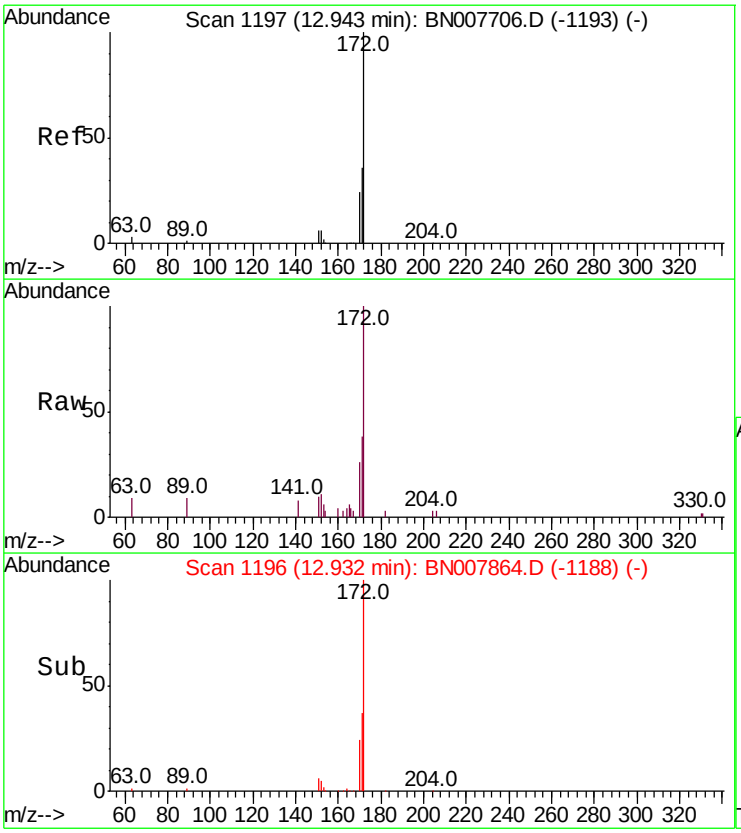
#14
2,4,6-Tribromophenol
Concen: 0.033 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:330 Resp: 397

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	891.9	28.7	43.1#

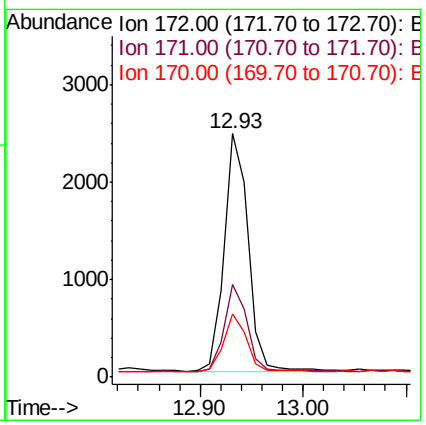


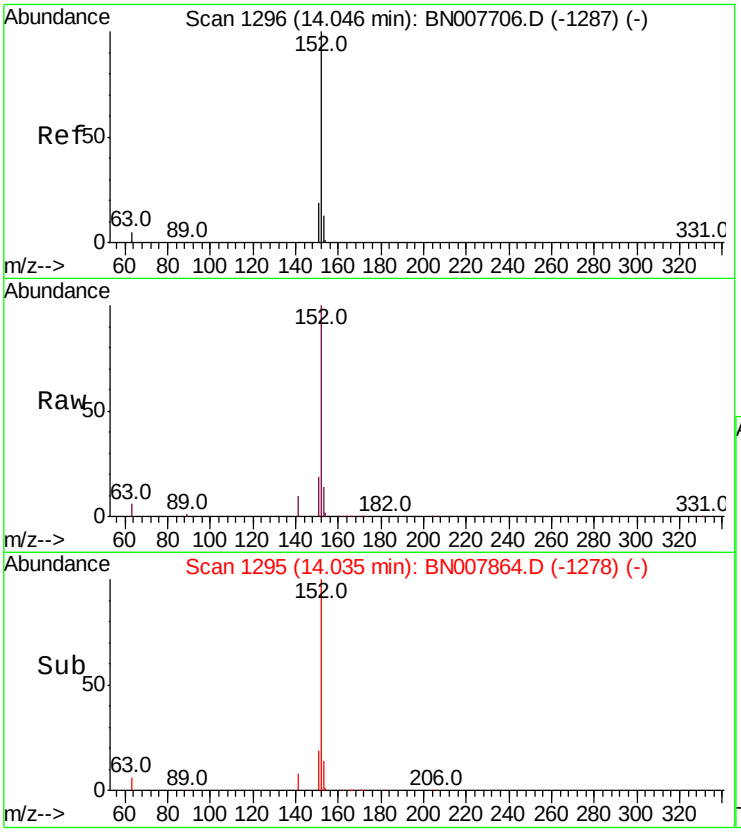


#15
2-Fluorobiphenyl
Concen: 0.043 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:172 Resp: 3909

Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.8	43.2
170	25.9	19.5	29.3



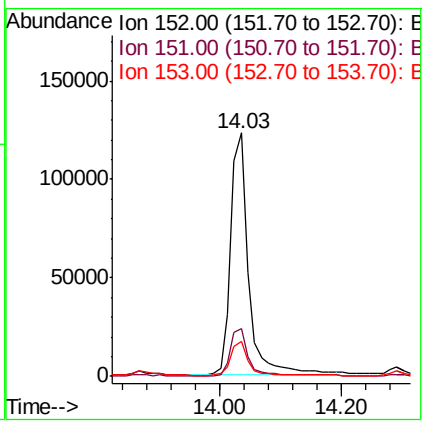


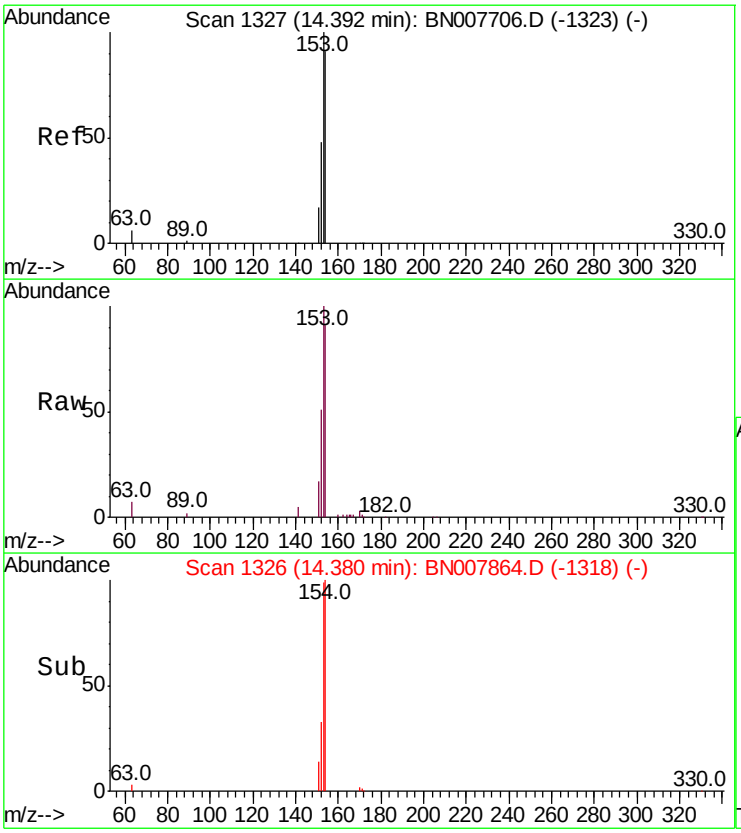
#16
Acenaphthylene
Concen: 2.137 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:152 Resp: 250716

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	14.1	10.4	15.6

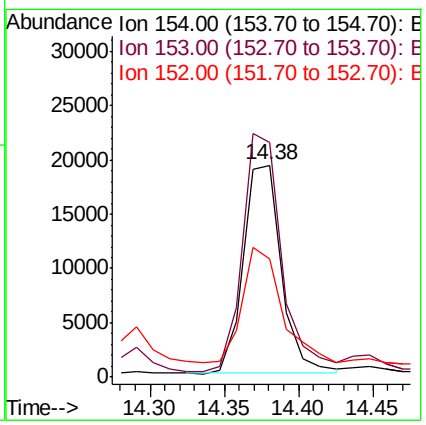


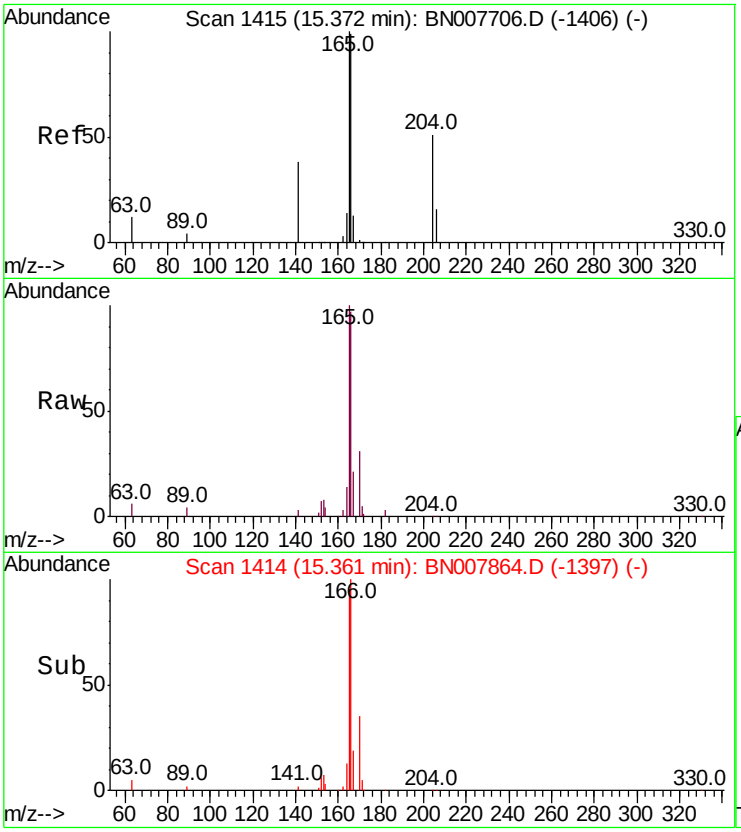


#17
Acenaphthene
Concen: 0.451 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:154 Resp: 34111

Ion	Ratio	Lower	Upper
154	100		
153	117.6	87.0	130.4
152	66.2	42.7	64.1#



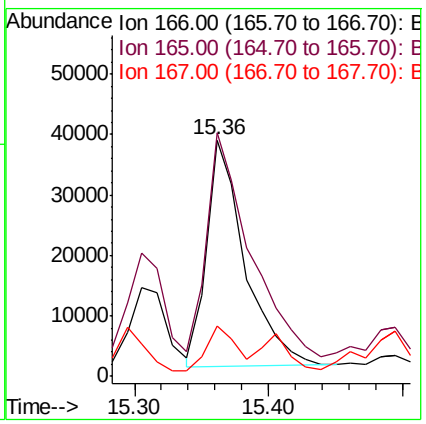


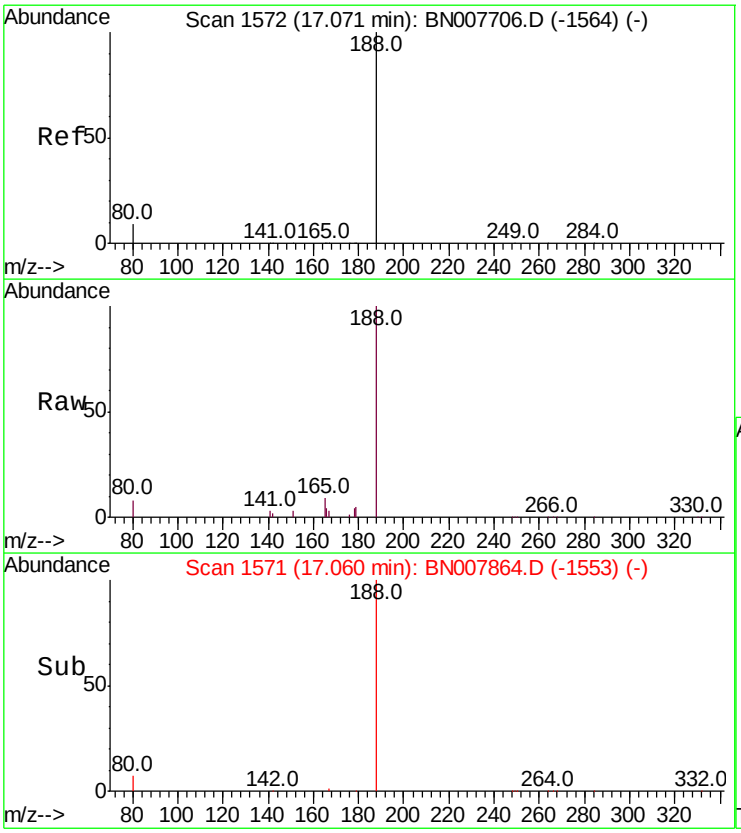
#18
Fluorene
Concen: 0.769 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:166 Resp: 74491

Ion	Ratio	Lower	Upper
166	100		
165	112.5	78.0	117.0
167	15.0	10.9	16.3

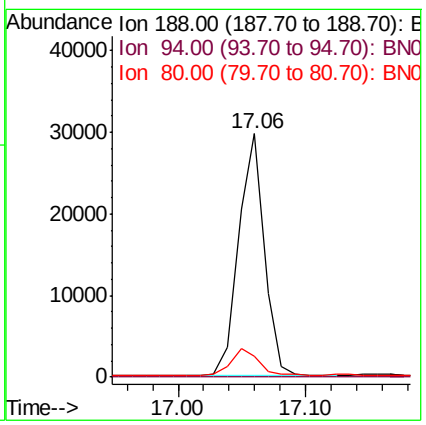


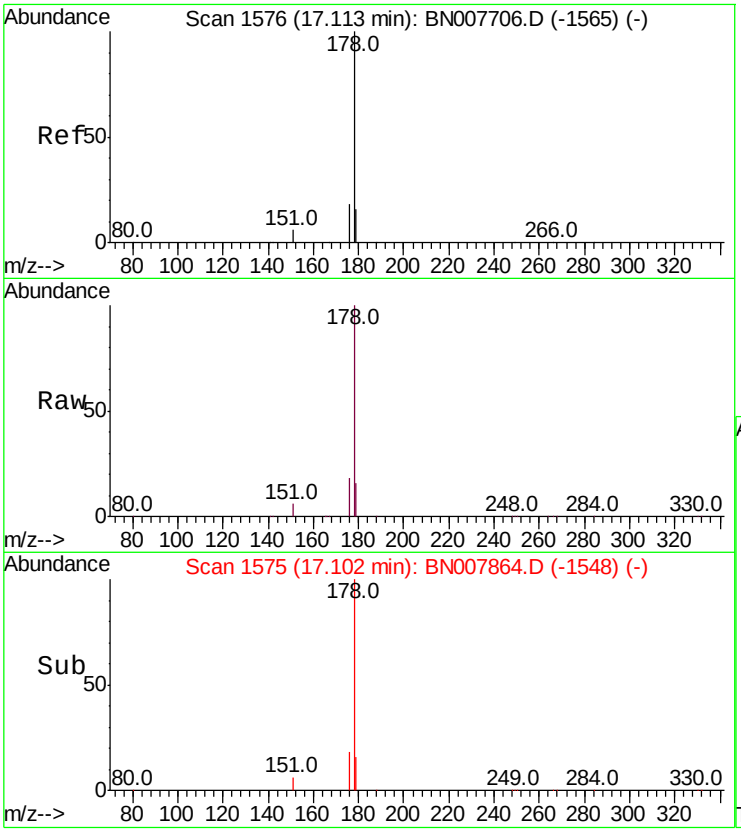


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:188 Resp: 41660

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	7.4	11.2



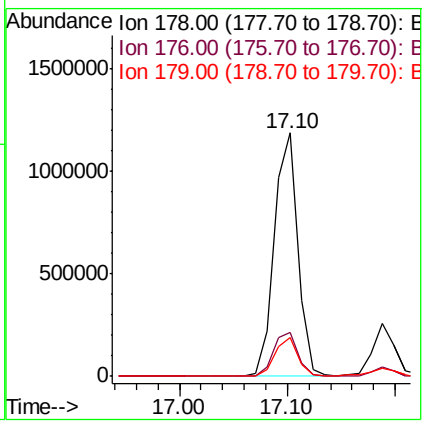


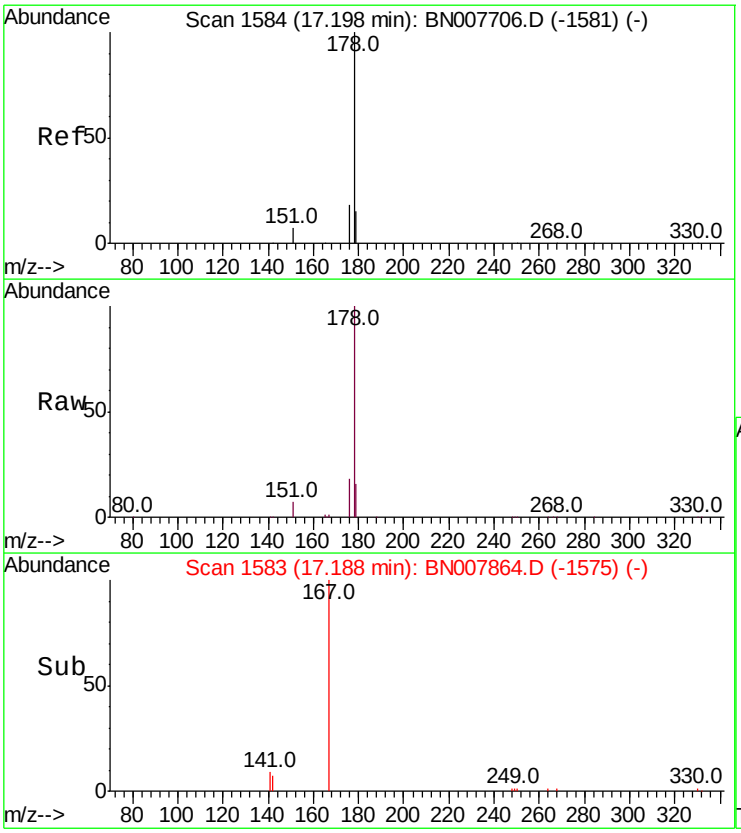
#23
Phenanthrene
Concen: 13.763 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:178 Resp: 1786091

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.8	12.5	18.7

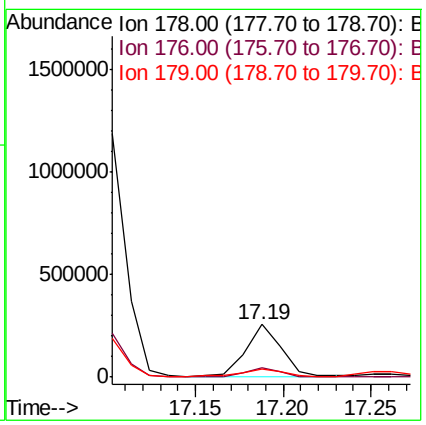


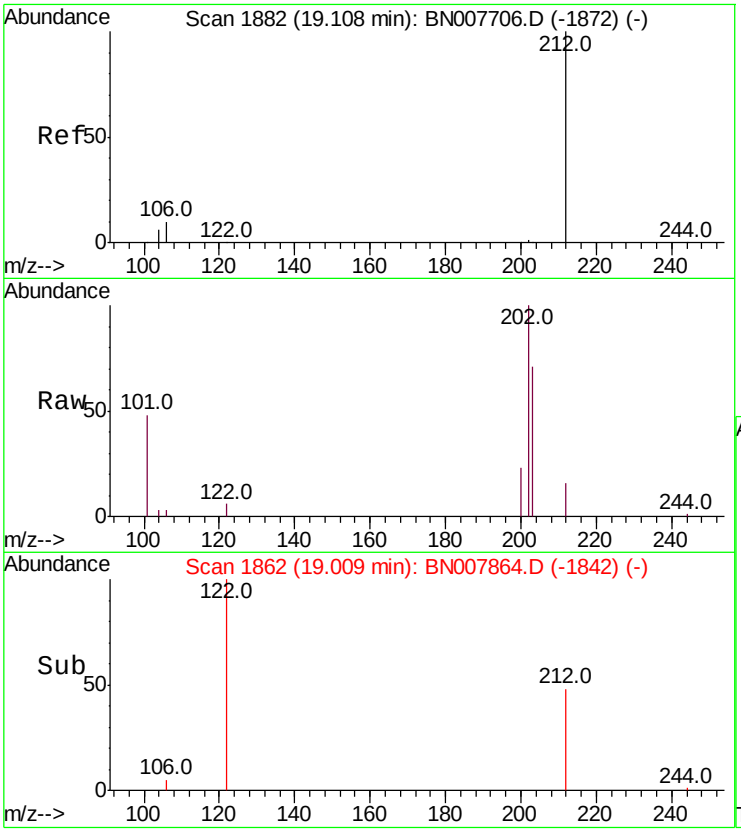


#24
Anthracene
Concen: 2.981 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:178 Resp: 349401

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	16.7	12.2	18.4



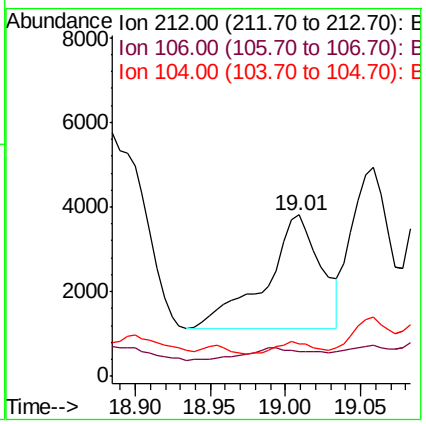


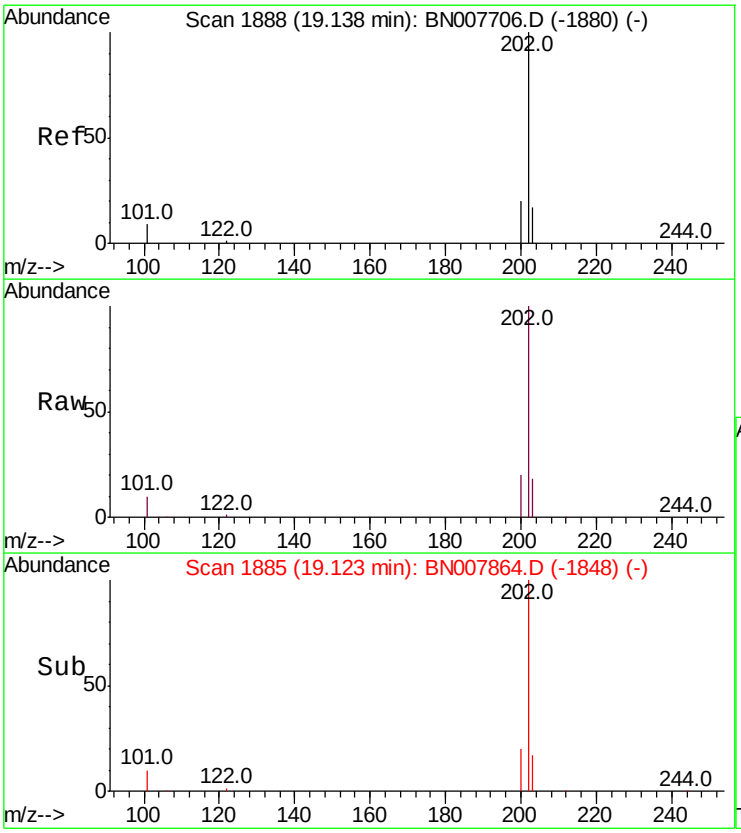
#25
Fluoranthene-d10
Concen: 0.049 ng
RT: 19.01 min Scan# 1862
Delta R.T. -0.10 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:212 Resp: 6827

Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.4	14.0
104	7.3	5.3	7.9

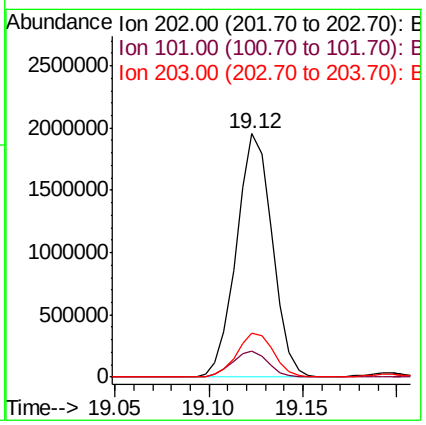


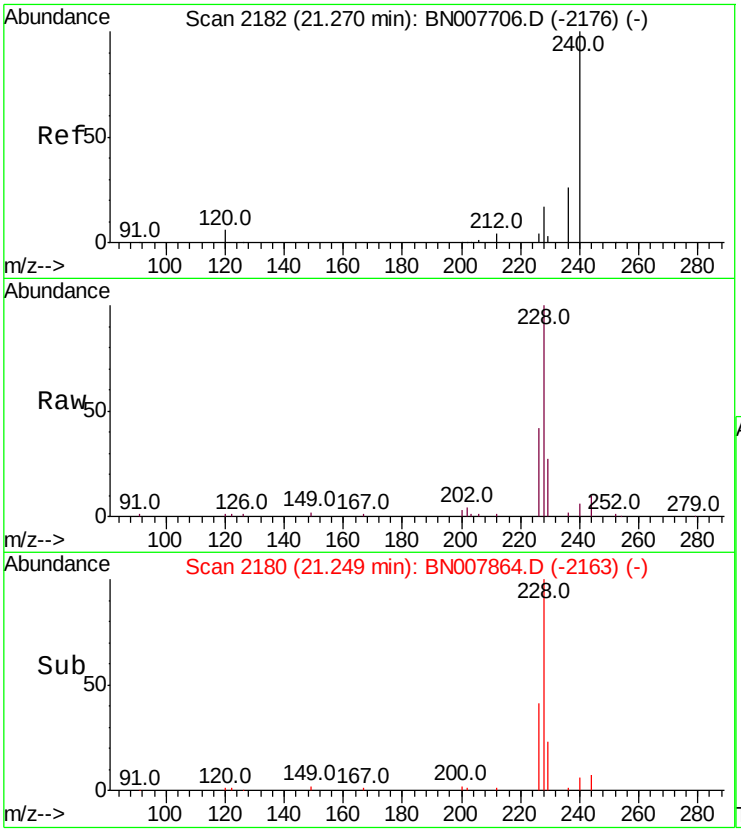


#26
Fluoranthene
Concen: 16.010 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:202 Resp: 2583619

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
203	18.3	13.8	20.8



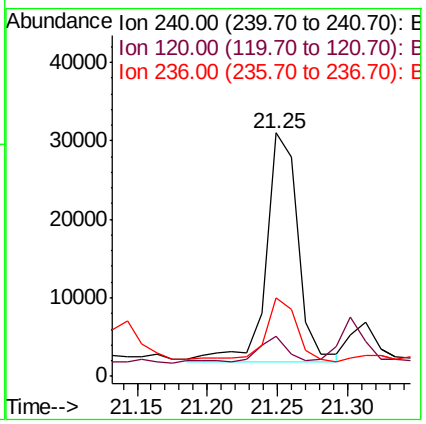


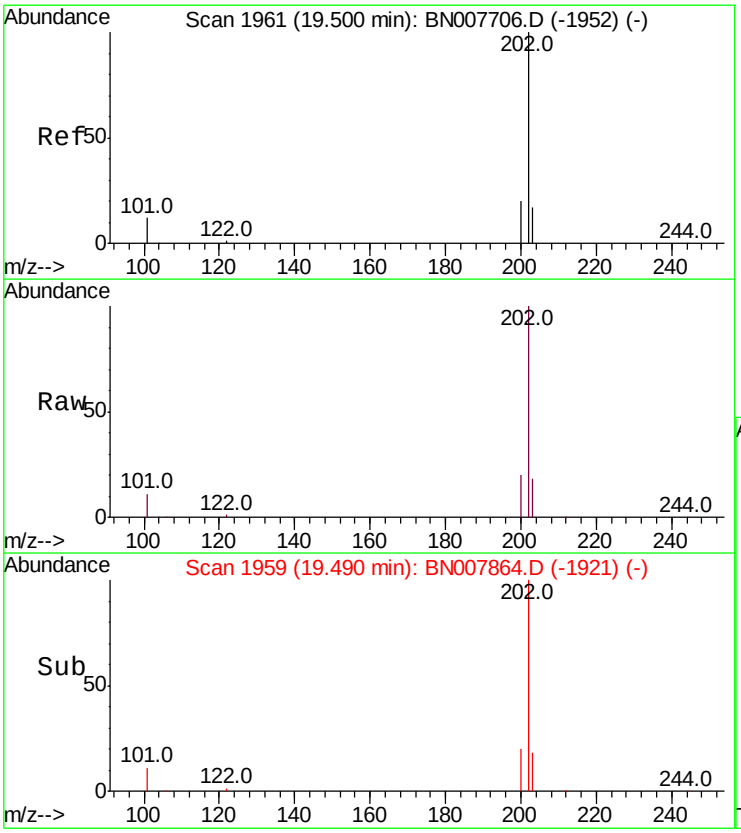
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:240 Resp: 46135

Ion	Ratio	Lower	Upper
240	100		
120	16.3	5.4	8.2#
236	32.1	21.0	31.4#

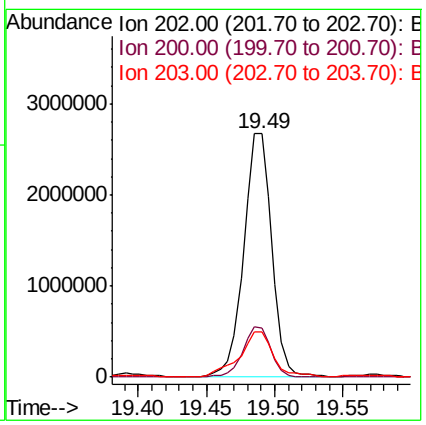


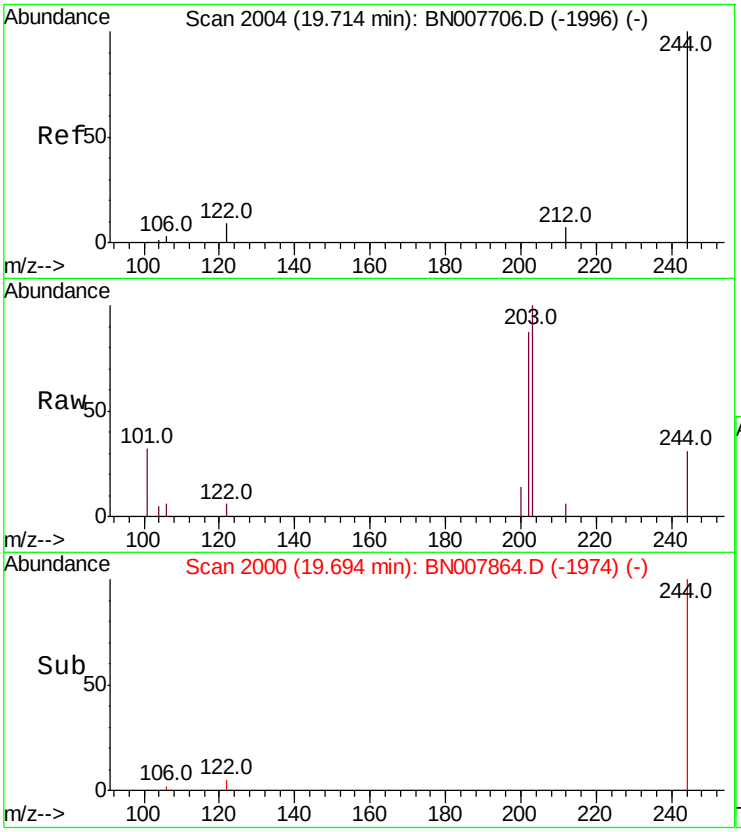


#28
Pyrene
Concen: 24.083 ng
RT: 19.49 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:202 Resp: 3789318

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	22.3	14.1	21.1#



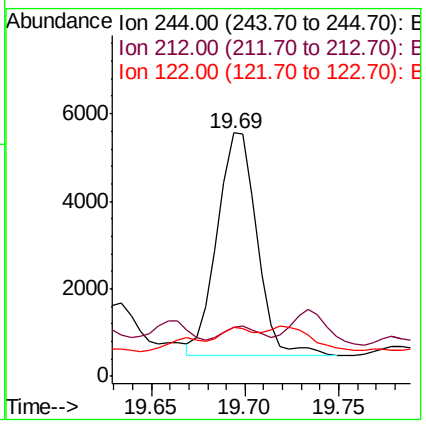


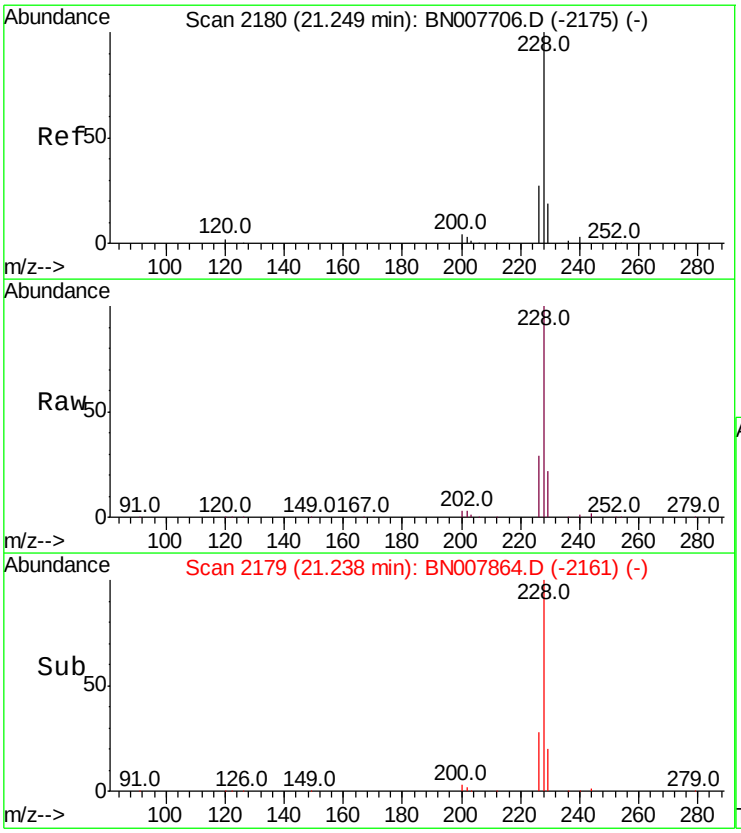
#29
Terphenyl-d14
Concen: 0.066 ng
RT: 19.69 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:244 Resp: 7518

Ion	Ratio	Lower	Upper
244	100		
212	20.1	5.9	8.9#
122	20.0	7.4	11.2#

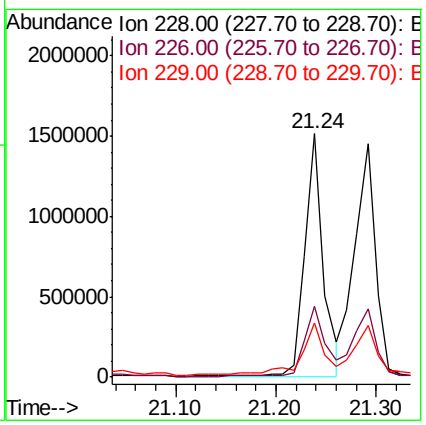


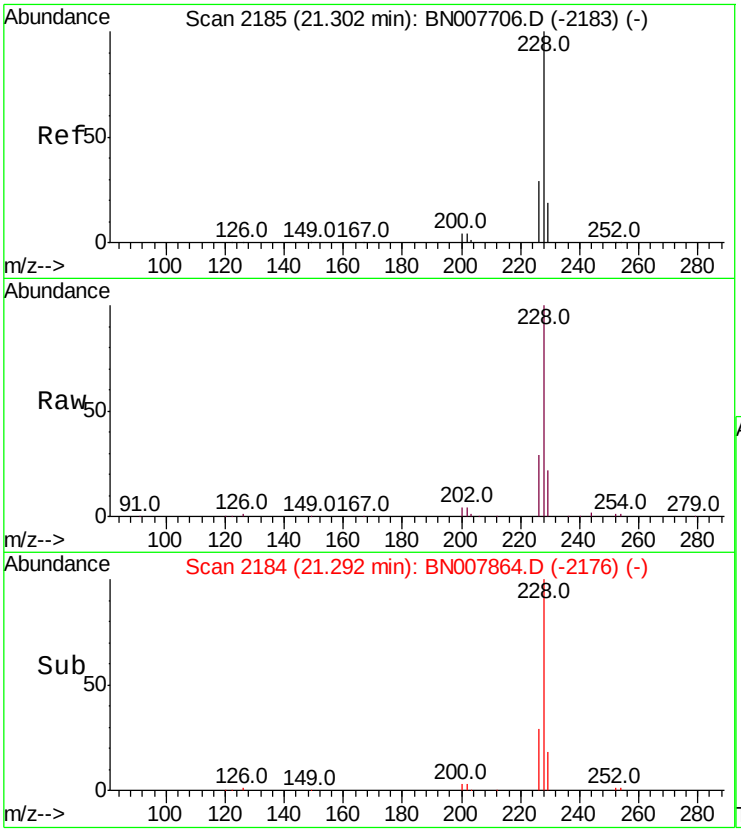


#30
Benzo(a)anthracene
Concen: 11.597 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:228 Resp: 1970175

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.1	33.1
229	22.3	15.8	23.6



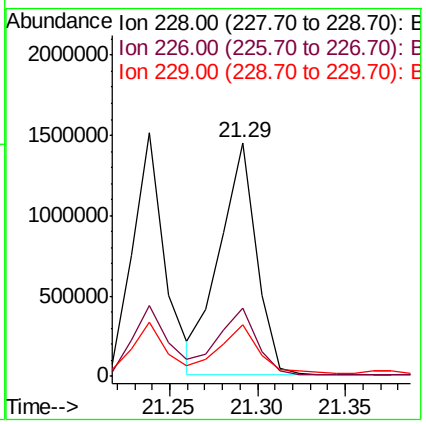


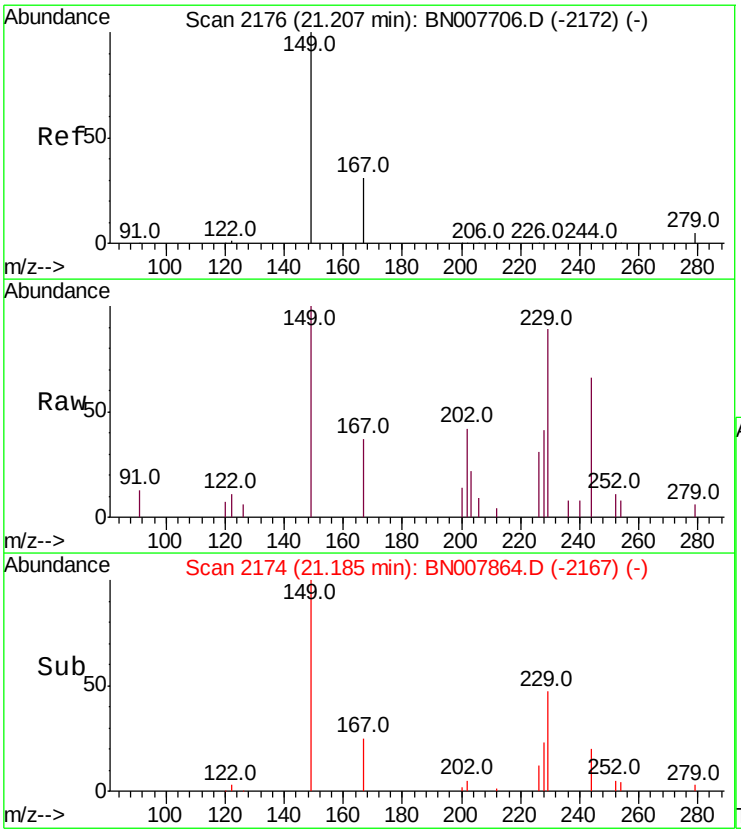
#31
Chrysene
Concen: 12.650 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:228 Resp: 2094542

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	22.2	15.8	23.6

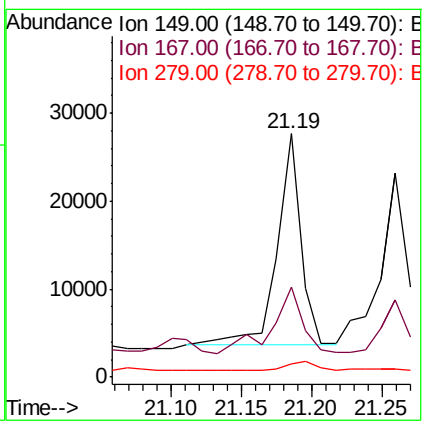


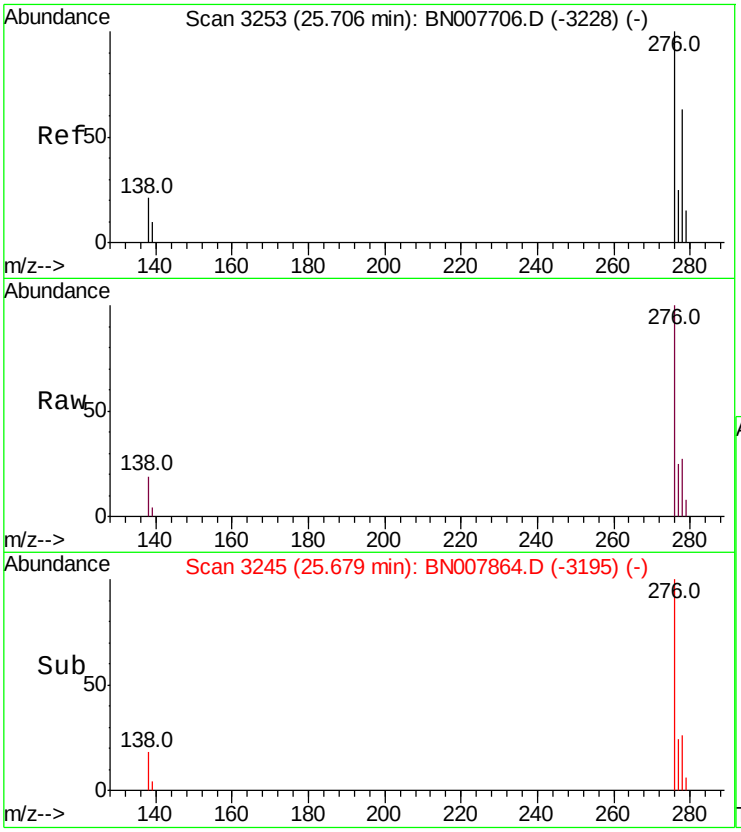


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.327 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:149 Resp: 28561

Ion	Ratio	Lower	Upper
149	100		
167	41.0	23.7	35.5#
279	6.1	4.2	6.2



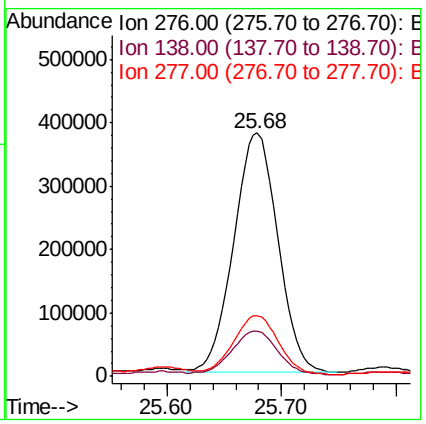


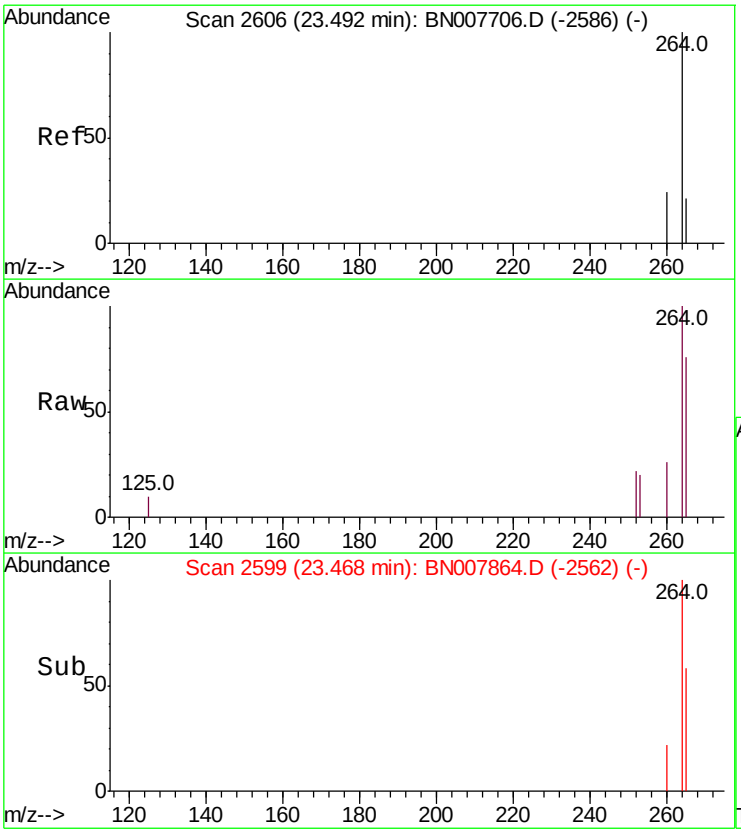
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.845 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.03 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:276 Resp: 1004473

Ion	Ratio	Lower	Upper
276	100		
138	18.6	17.1	25.7
277	25.0	20.0	30.0

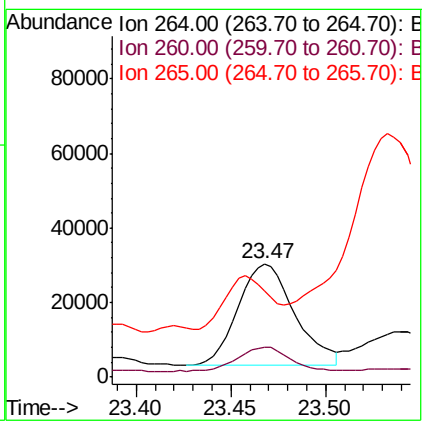


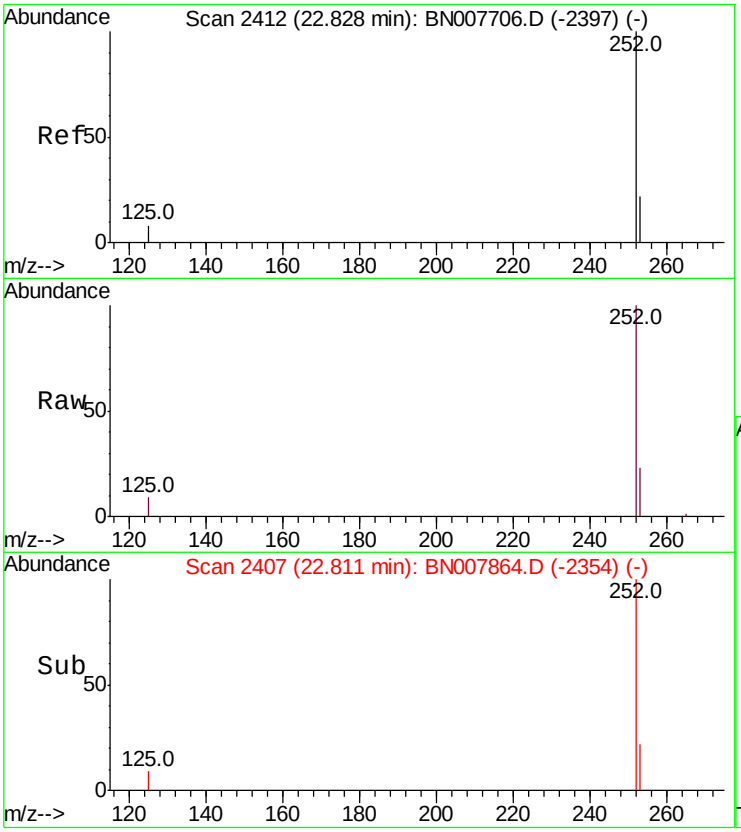


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:264 Resp: 56966

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.3	28.9
265	75.9	26.9	40.3#



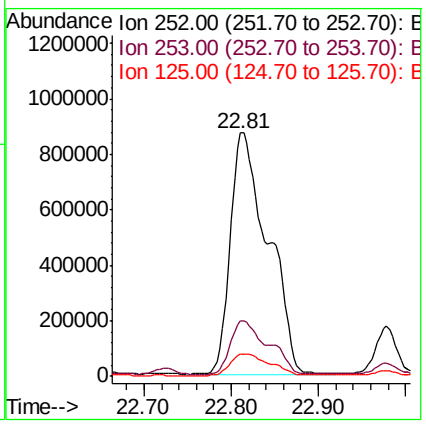


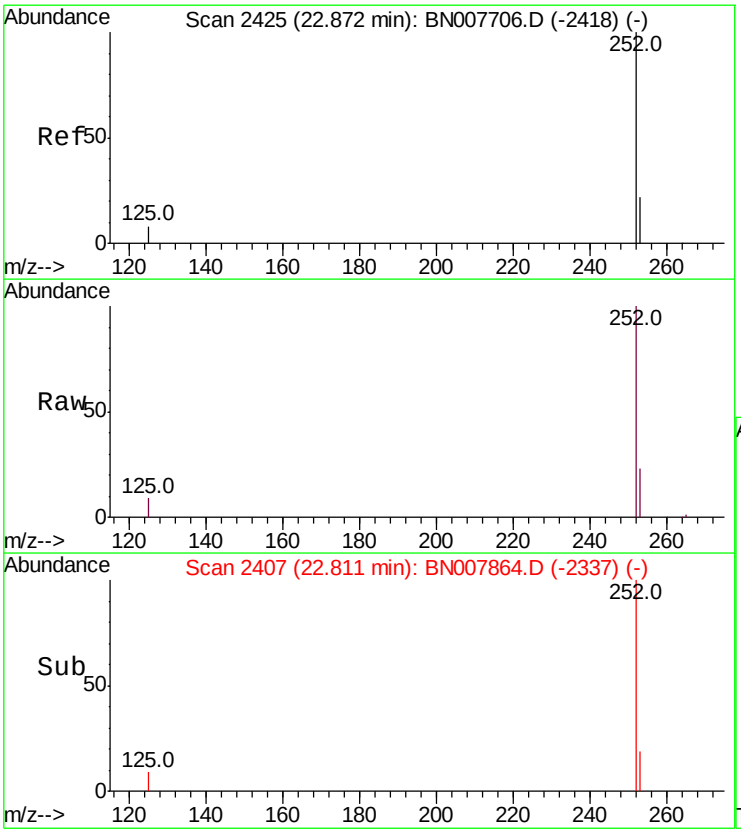
#35
Benzo(b)fluoranthene
Concen: 13.135 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:252 Resp: 2597652

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	9.1	8.2	12.4

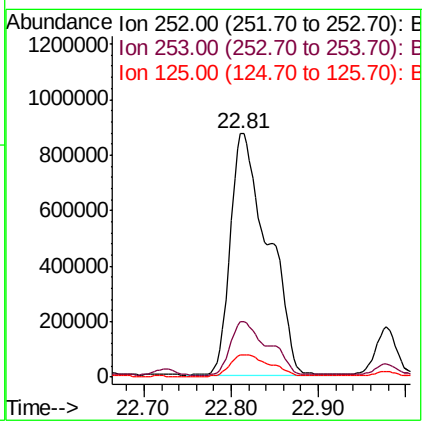


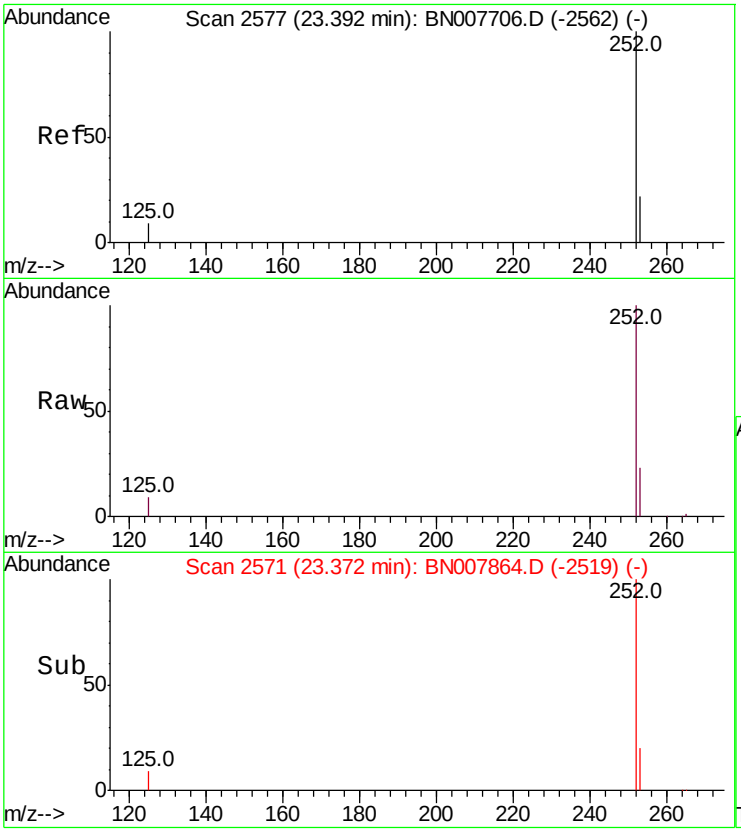


#36
Benzo(k)fluoranthene
Concen: 13.283 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.06 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:252 Resp: 2597652

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	9.1	8.4	12.6



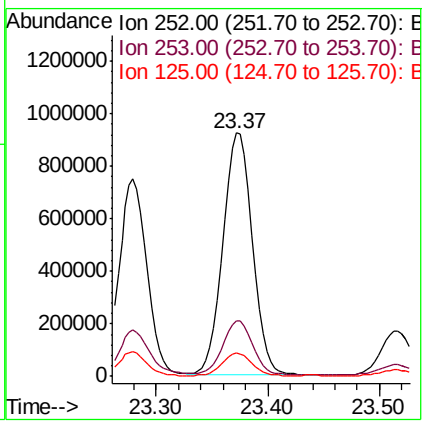


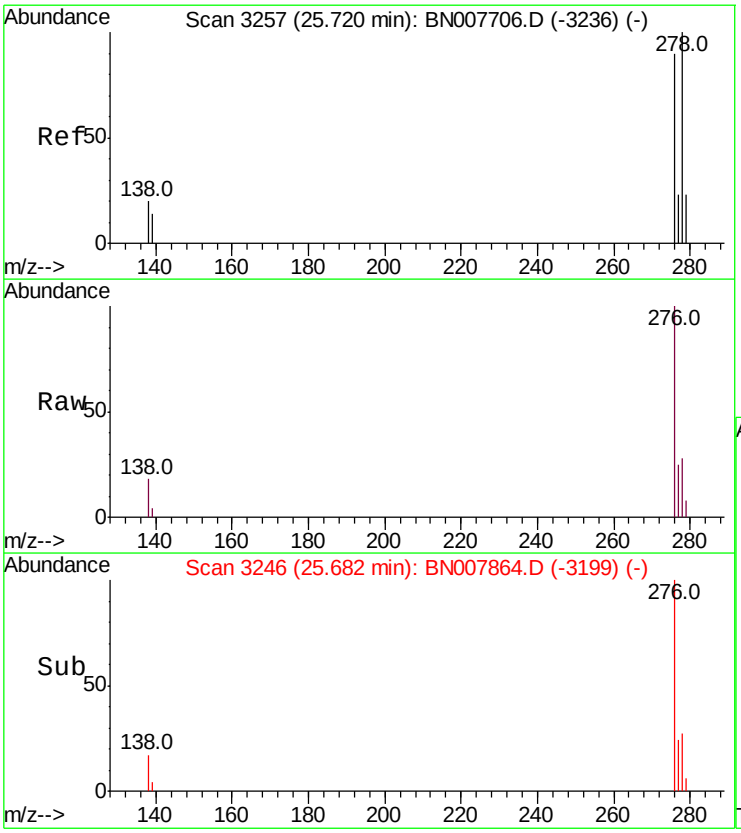
#37
Benzo(a)pyrene
Concen: 9.043 ng
RT: 23.37 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:252 Resp: 1680567

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	9.5	9.4	14.0

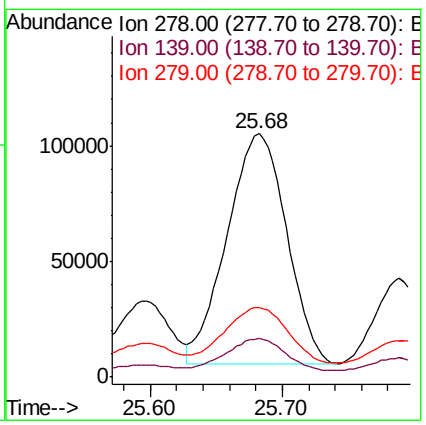


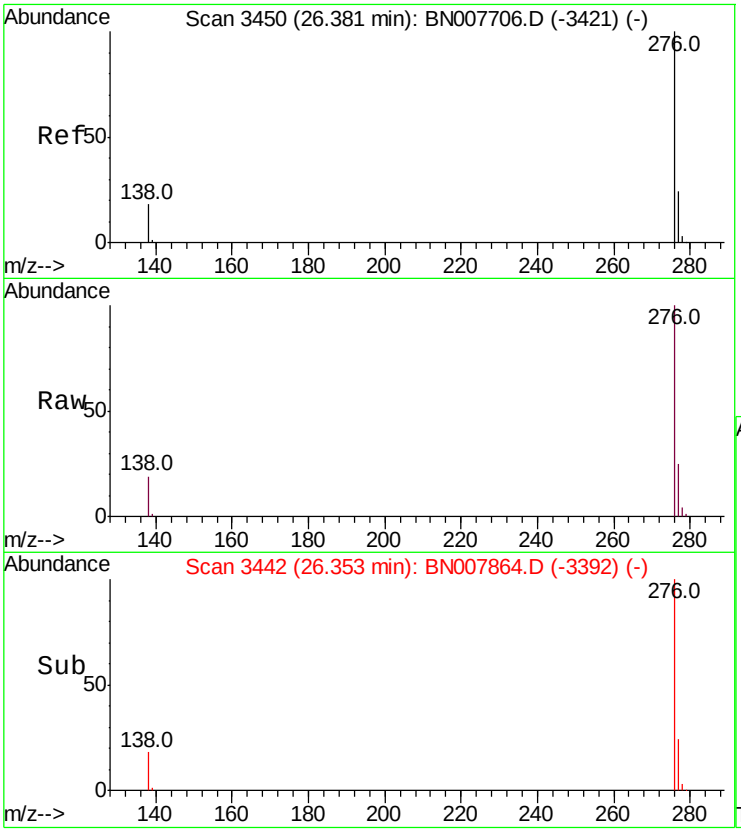


#38
Dibenzo(a,h)anthracene
Concen: 1.645 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.04 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Tgt Ion:278 Resp: 312816

Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.8	17.6
279	28.8	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 6.372 ng
RT: 26.35 min Scan# 3442
Delta R.T. -0.03 min
Lab File: BN007864.D
Acq: 25 Sep 2019 21:16

Instrument :
BNA_N
ClientSampleId :
EXT-SW092-091819-1

Tgt Ion:276 Resp: 1199055

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	18.6	15.1	22.7