Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007741.D
Acq On : 19 Sep 2019 15:12
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 20 01:48:25 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	7.70	152	5595	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	21609	0.40	ng		0.00
13) Acenaphthene-d10	14.32	164	12769	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	28592	0.40	ng		0.00
27) Chrysene-d12	21.27	240	31410	0.40	ng		0.00
34) Perylene-d12	23.49	264	32938	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	5755	0.30	ng		0.00
5) Phenol-d6	6.87	99	7292	0.30	ng		0.00
8) Nitrobenzene-d5	8.83	82	6402	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.06	152	13934	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	1858	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	20371	0.39	ng		0.00
25) Fluoranthene-d10	19.10	212	35652	0.37	ng		0.00
29) Terphenyl-d14	19.71	244	30417	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	2269	0.364	ng	#	80
3) n-Nitrosodimethylamine	3.01	42	1670	0.585	ng	#	95
6) bis(2-Chloroethyl)ether	7.15	93	5666	0.358	ng		98
9) Naphthalene	10.52	128	24150	0.398	ng		100
10) Hexachlorobutadiene	10.82	225	5008	0.392	ng	#	99
12) 2-Methylnaphthalene	12.13	142	15939	0.389	ng		99
16) Acenaphthylene	14.03	152	23214	0.343	ng		100
17) Acenaphthene	14.38	154	15760	0.361	ng		96
18) Fluorene	15.37	166	20268	0.362	ng		100
20) 4-Bromophenyl-phenylether	16.27	248	6895	0.397	ng		98
21) Hexachlorobenzene	16.39	284	7908	0.417	ng		98
22) Pentachlorophenol	16.72	266	1883	0.269	ng		95
23) Phenanthrene	17.11	178	35801	0.402	ng		100
24) Anthracene	17.20	178	29293	0.364	ng		100
26) Fluoranthene	19.14	202	42063	0.380	ng		100
28) Pyrene	19.50	202	42041	0.392	ng		100
30) Benzo(a)anthracene	21.25	228	41098	0.355	ng		99
31) Chrysene	21.30	228	46004	0.408	ng		100
32) Bis(2-ethylhexyl)phthalate	21.21	149	12351	0.208	ng		98
33) Indeno(1,2,3-cd)pyrene	25.71	276	51605	0.366	ng		99
35) Benzo(b)fluoranthene	22.83	252	44095	0.386	ng		100
36) Benzo(k)fluoranthene	22.87	252	46296	0.409	ng		99
37) Benzo(a)pyrene	23.40	252	38922	0.362	ng		100
38) Dibenzo(a,h)anthracene	25.72	278	41955	0.382	ng		100
39) Benzo(g,h,i)perylene	26.38	276	40912	0.376	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
Data File : BN007741.D
Acq On : 19 Sep 2019 15:12
Operator : HP/JU
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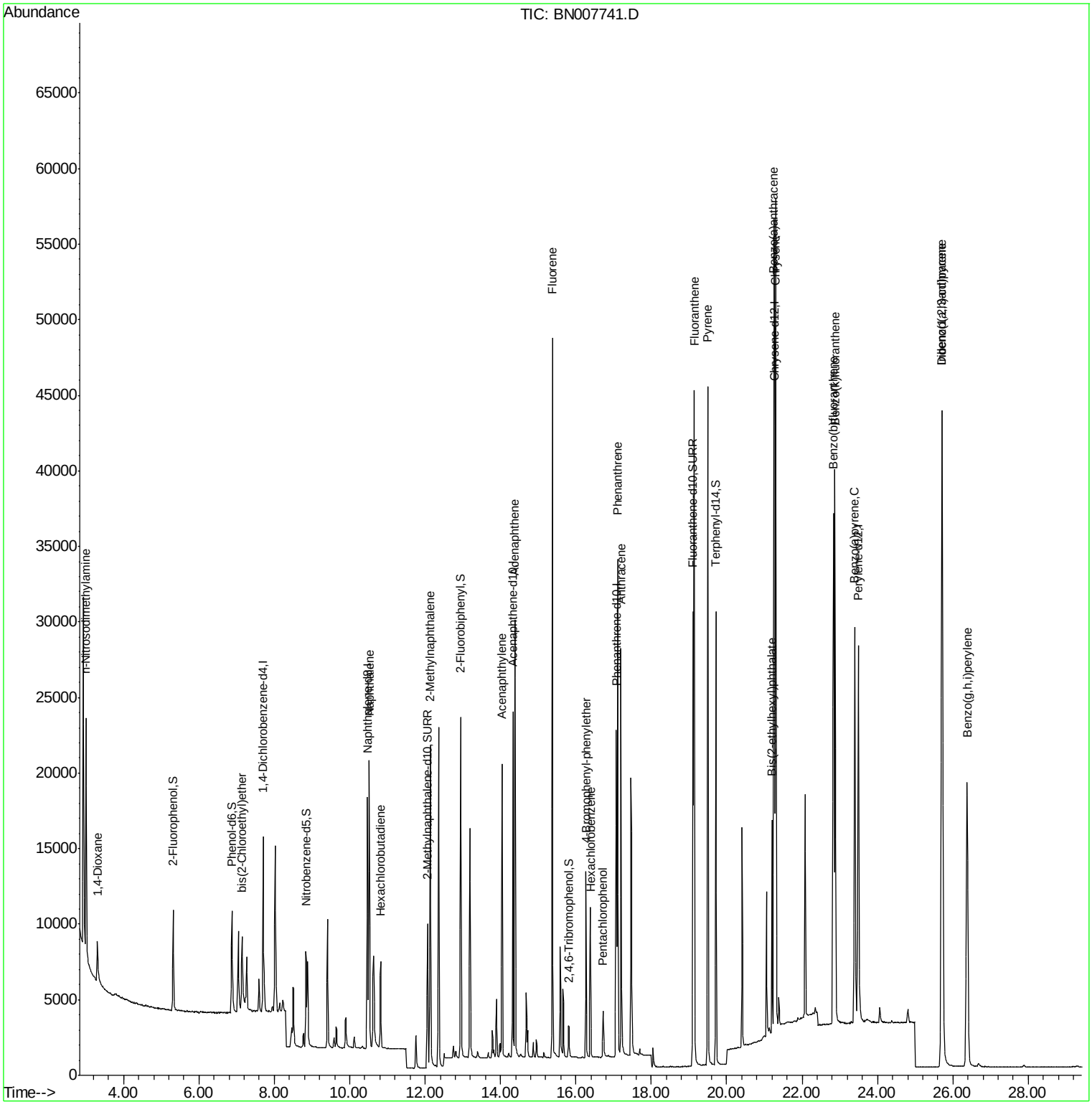
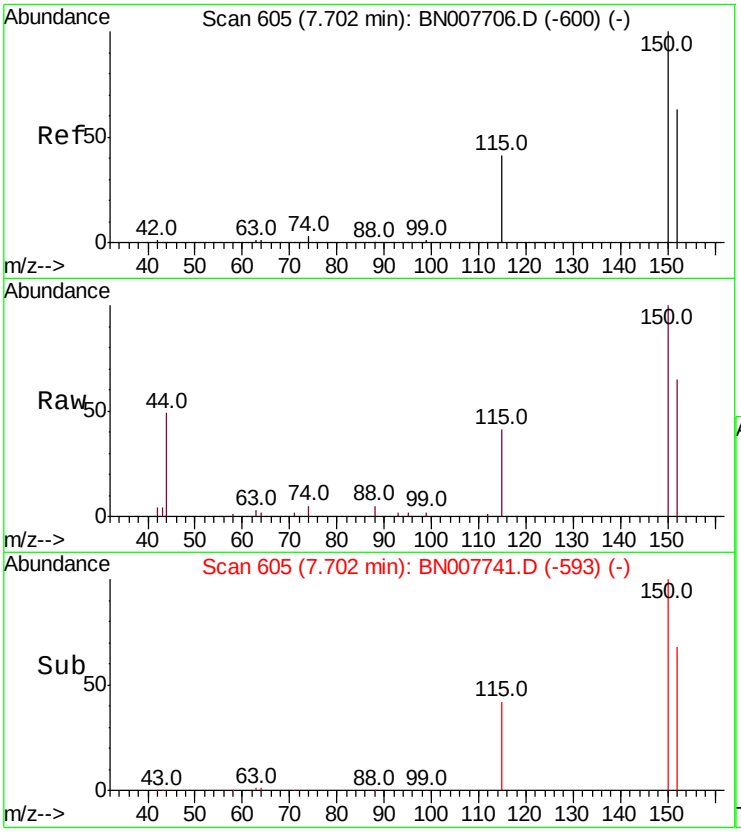
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 20 01:48:25 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



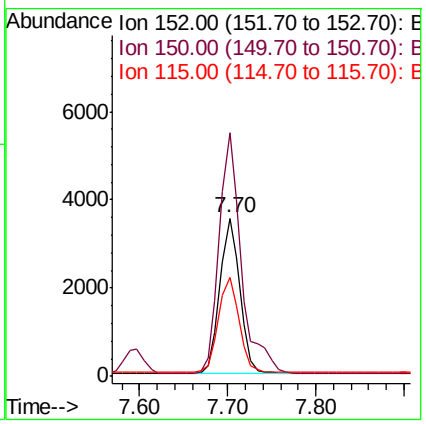


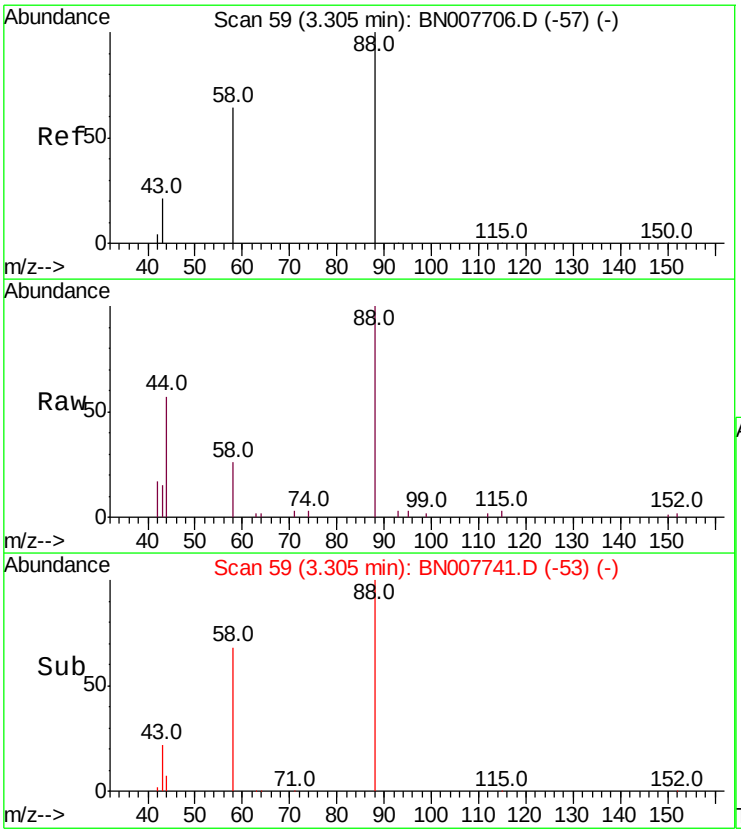
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5595

Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.6	188.4
115	62.6	53.3	79.9

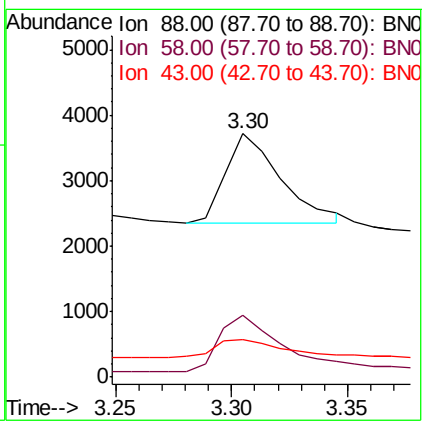


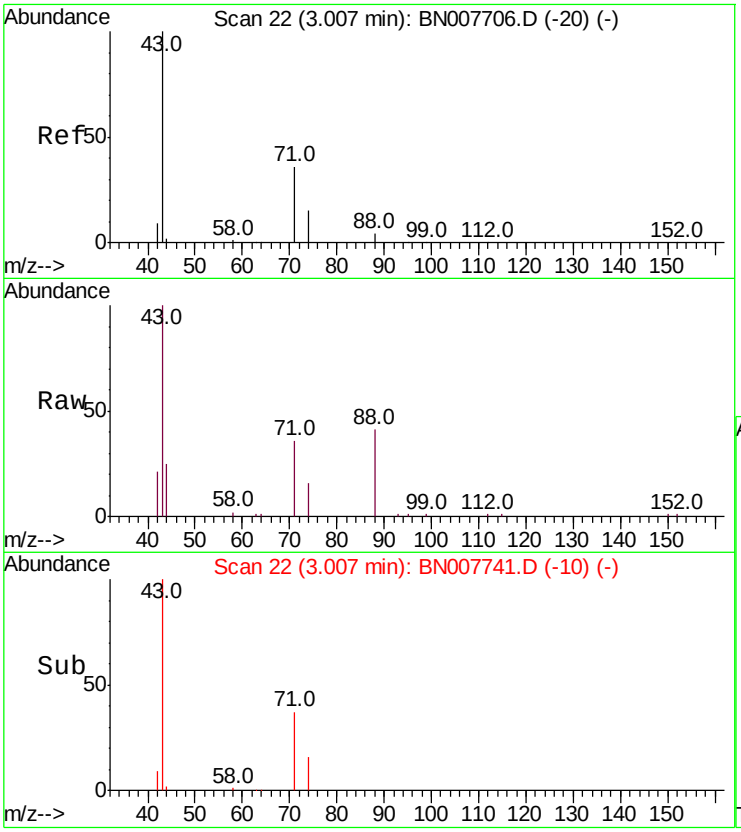


#2
1,4-Dioxane
Concen: 0.364 ng
RT: 3.30 min Scan# 59
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion: 88 Resp: 2269

Ion	Ratio	Lower	Upper
88	100		
58	71.5	44.6	66.8#
43	24.9	14.4	21.6#



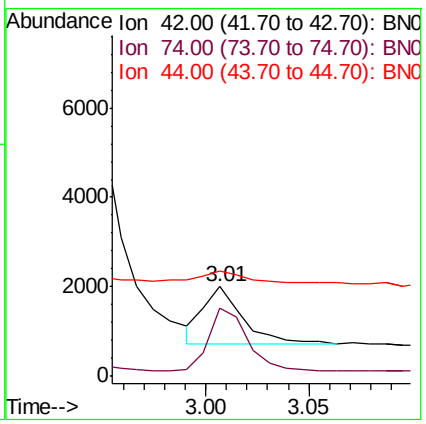


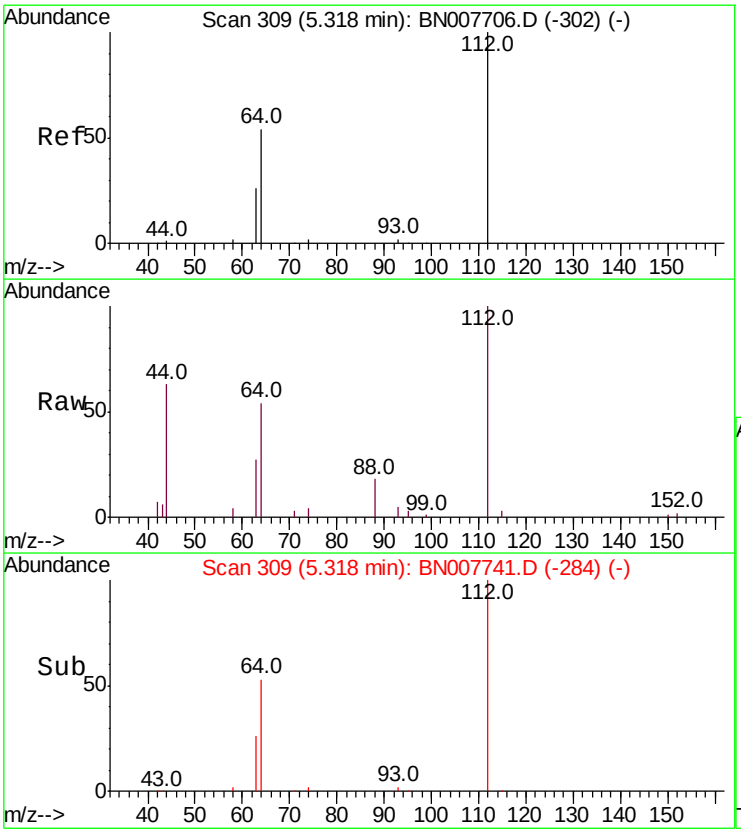
#3
n-Nitrosodimethylamine
Concen: 0.585 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1670

Ion	Ratio	Lower	Upper
42	100		
74	110.1	87.9	131.9
44	24.3	29.4	44.0#

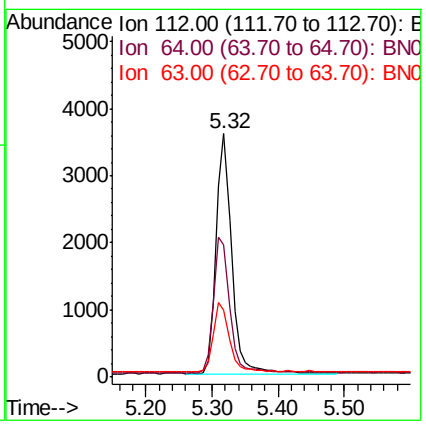


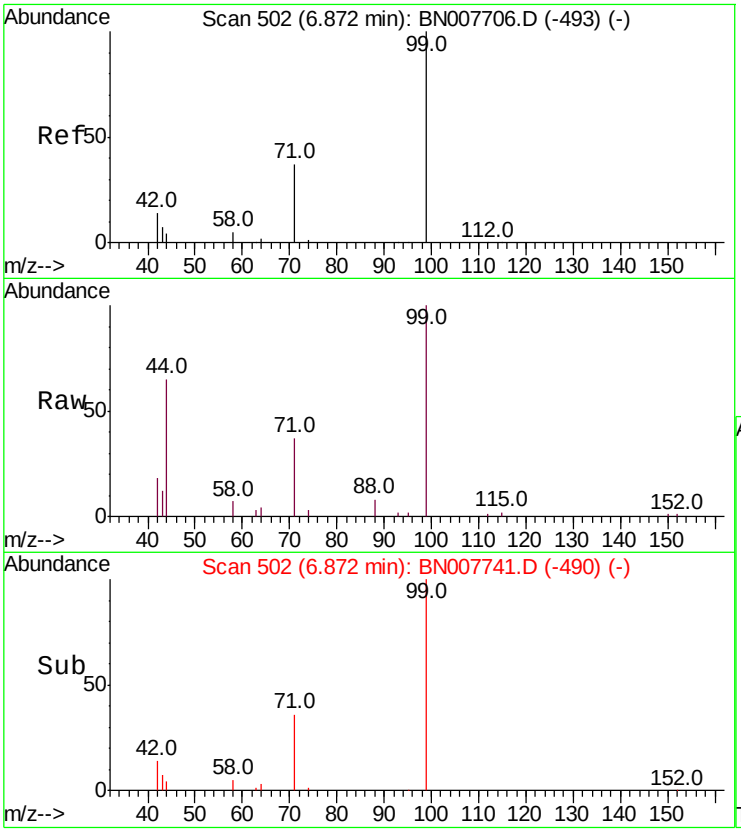


#4
2-Fluorophenol
Concen: 0.299 ng
RT: 5.32 min Scan# 309
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:112 Resp: 5755

Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.6	70.0
63	29.7	23.1	34.7



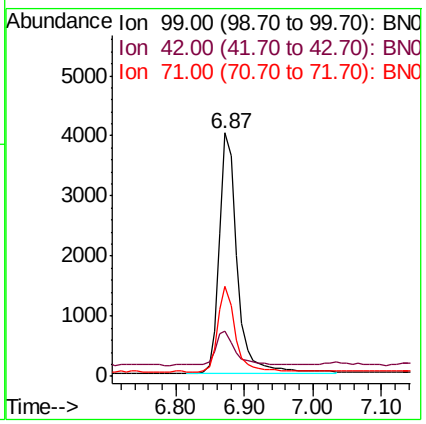


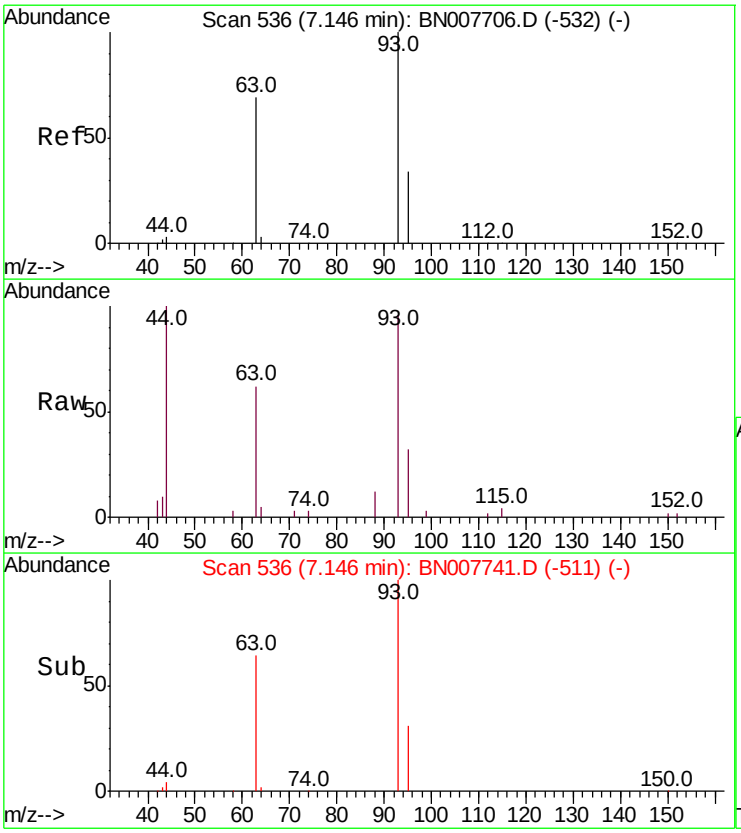
#5
Phenol-d6
Concen: 0.302 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7292

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	35.1	27.6	41.4

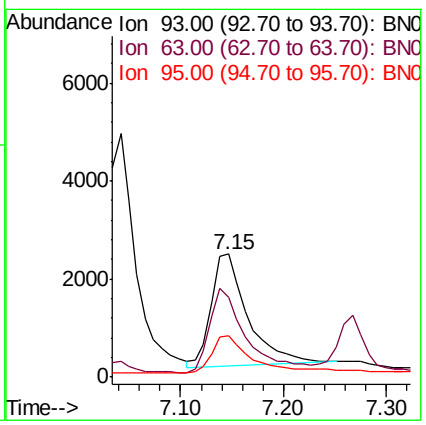


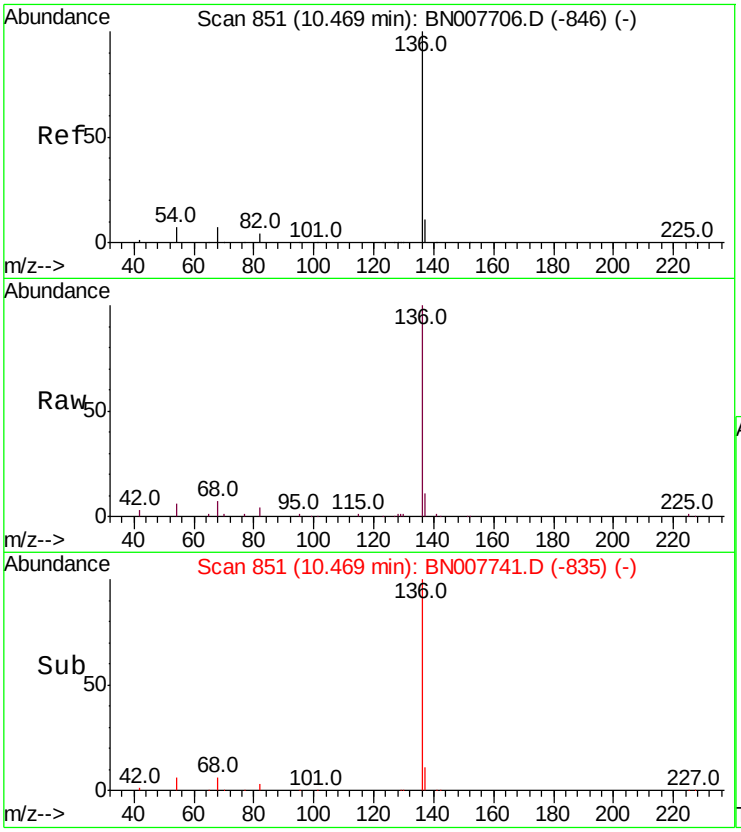


#6
bis(2-Chloroethyl)ether
Concen: 0.358 ng
RT: 7.15 min Scan# 536
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion: 93 Resp: 5666

Ion	Ratio	Lower	Upper
93	100		
63	75.9	59.3	88.9
95	38.4	31.4	47.0



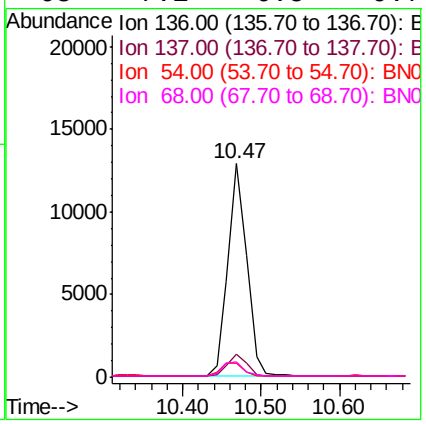


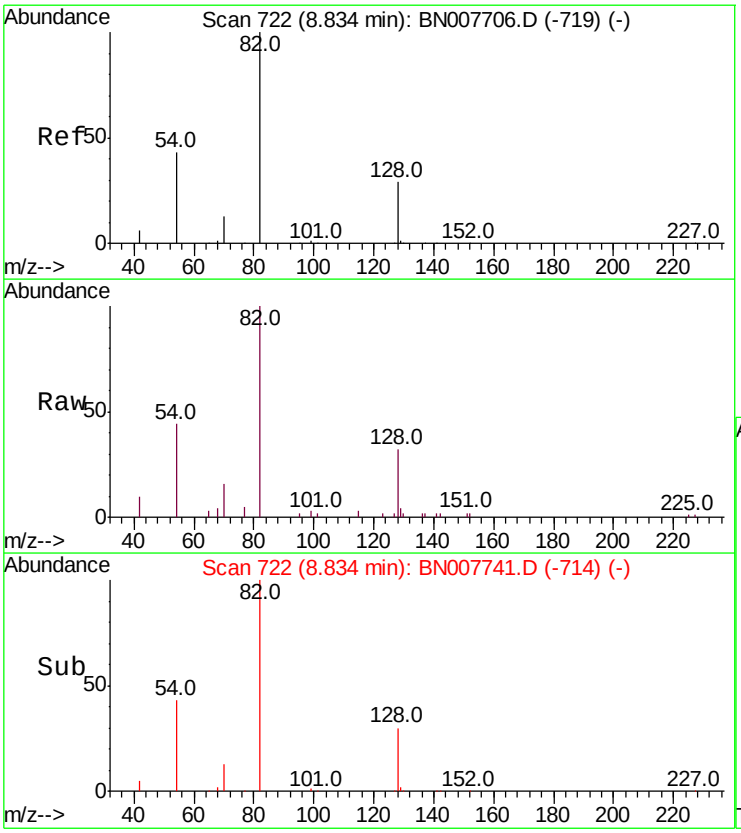
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 851
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 21609

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.4	5.8	8.8
68	7.1	6.5	9.7

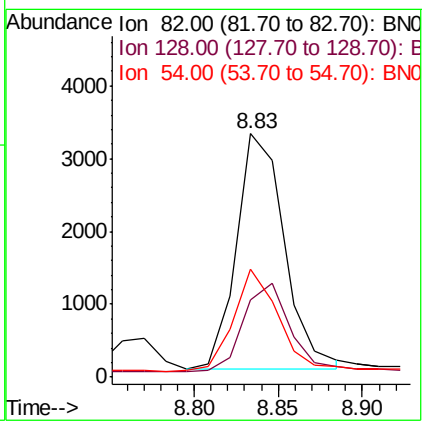


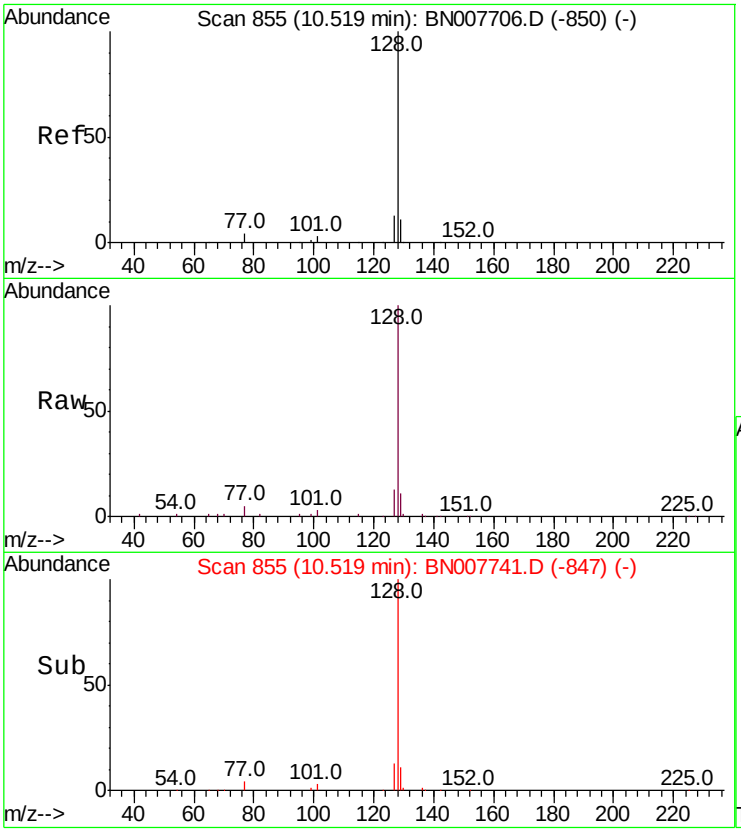


#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion: 82 Resp: 6402

Ion	Ratio	Lower	Upper
82	100		
128	31.6	24.5	36.7
54	44.4	35.2	52.8



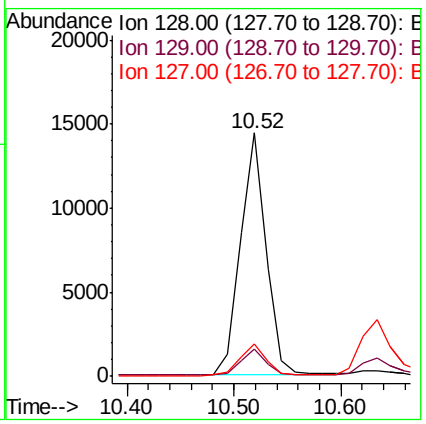


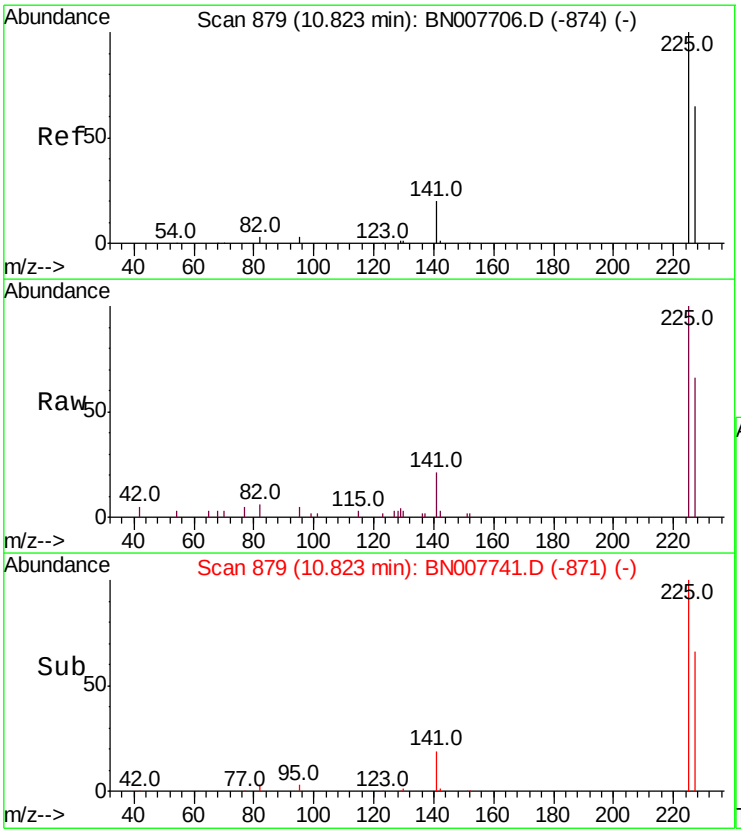
#9
Naphthalene
Concen: 0.398 ng
RT: 10.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 24150

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.2	10.6	15.8

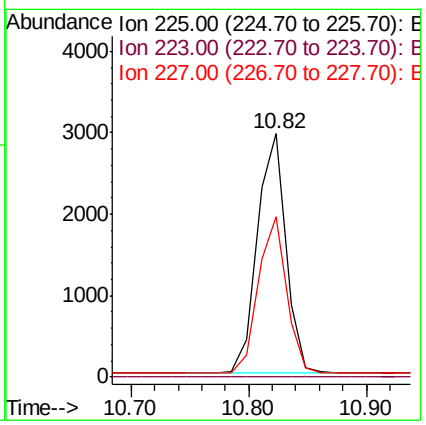


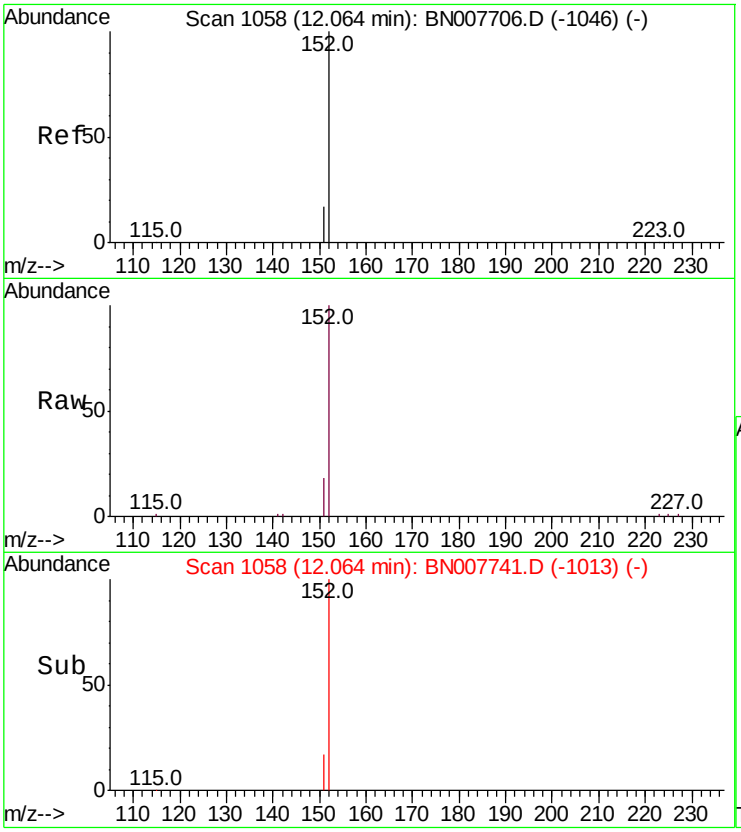


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 10.82 min Scan# 879
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:225 Resp: 5008

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.2	76.8



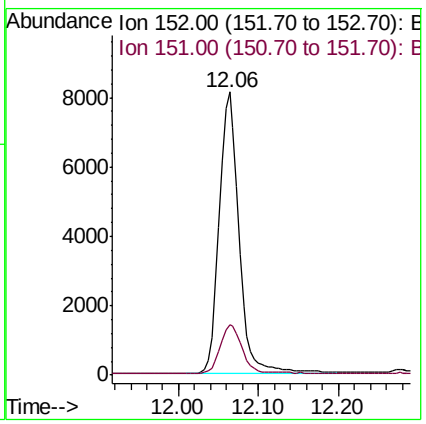


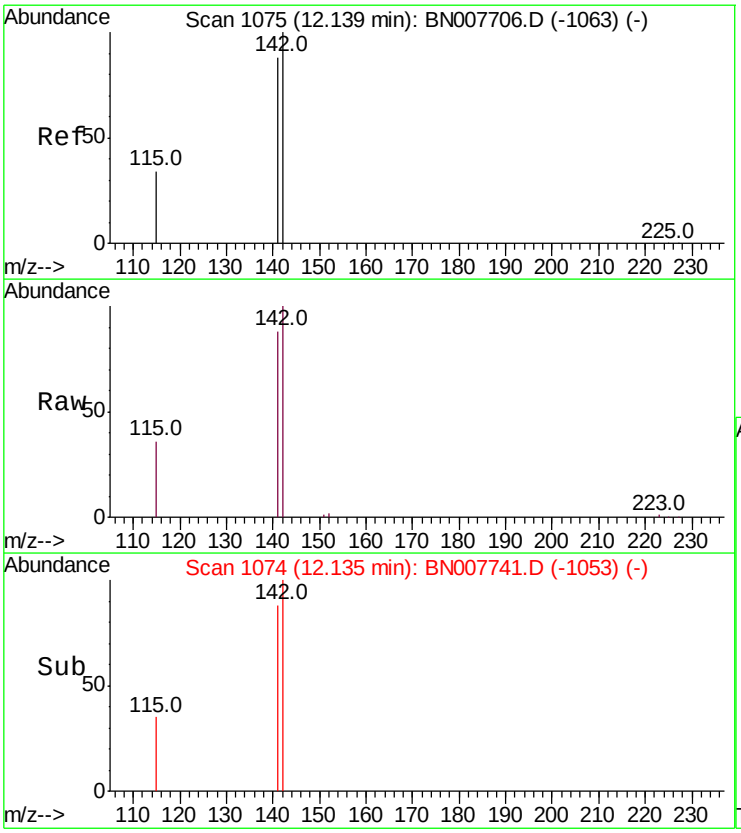
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 13934

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

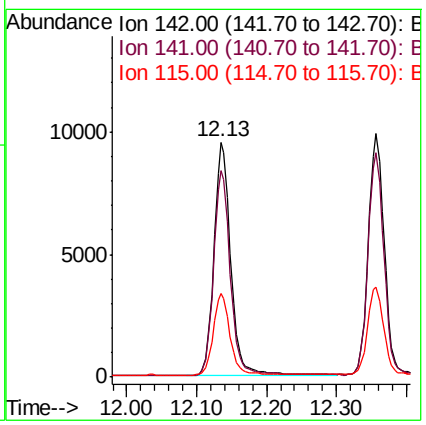


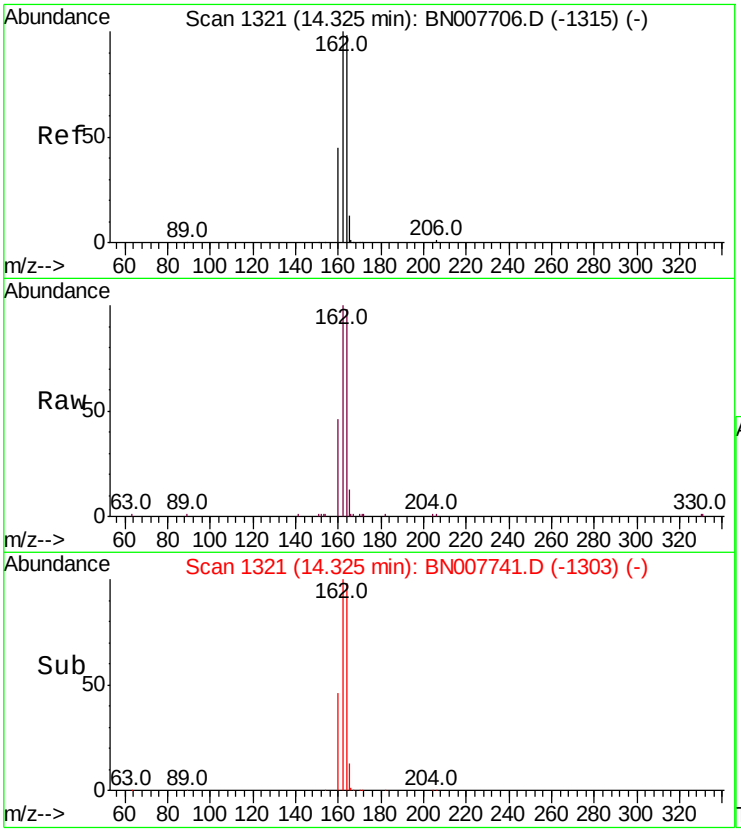


#12
2-Methylnaphthalene
Concen: 0.389 ng
RT: 12.13 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:142 Resp: 15939

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.6	106.0
115	35.8	28.3	42.5



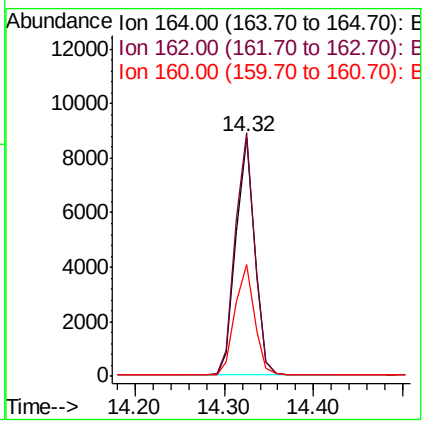


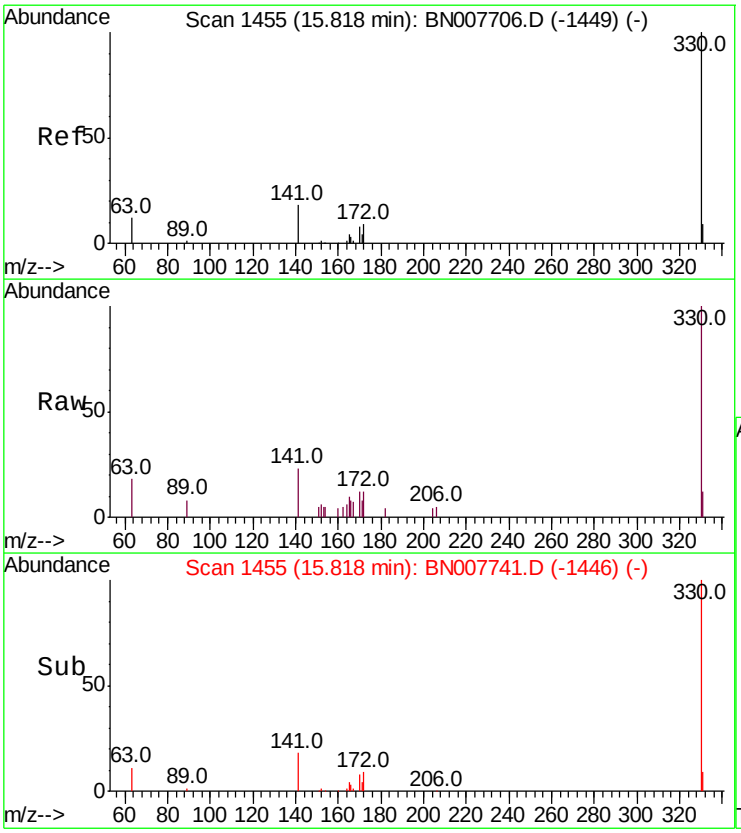
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12769

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.7	122.5
160	46.7	37.0	55.4

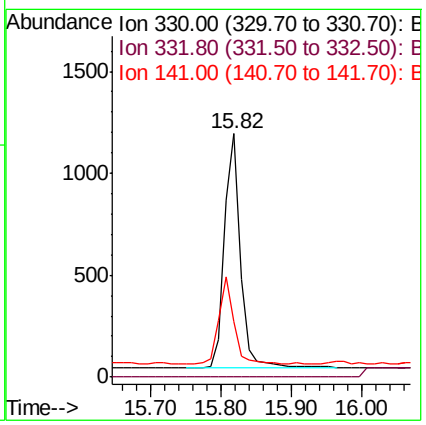


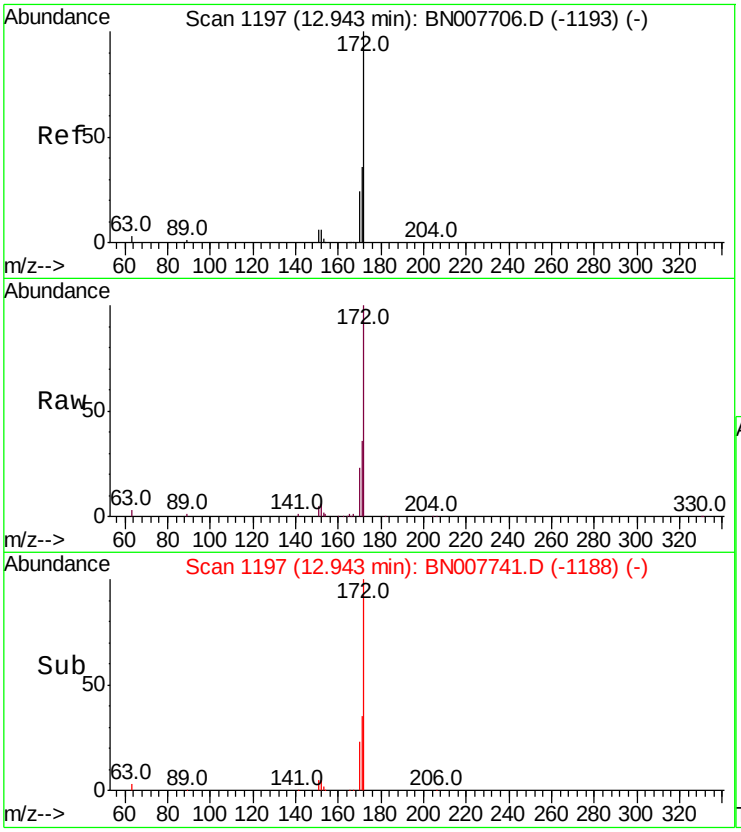


#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:330 Resp: 1858

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.5	28.7	43.1



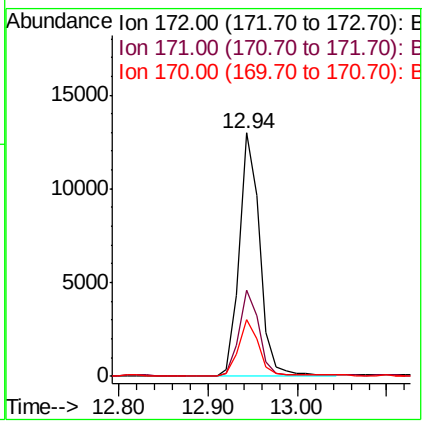


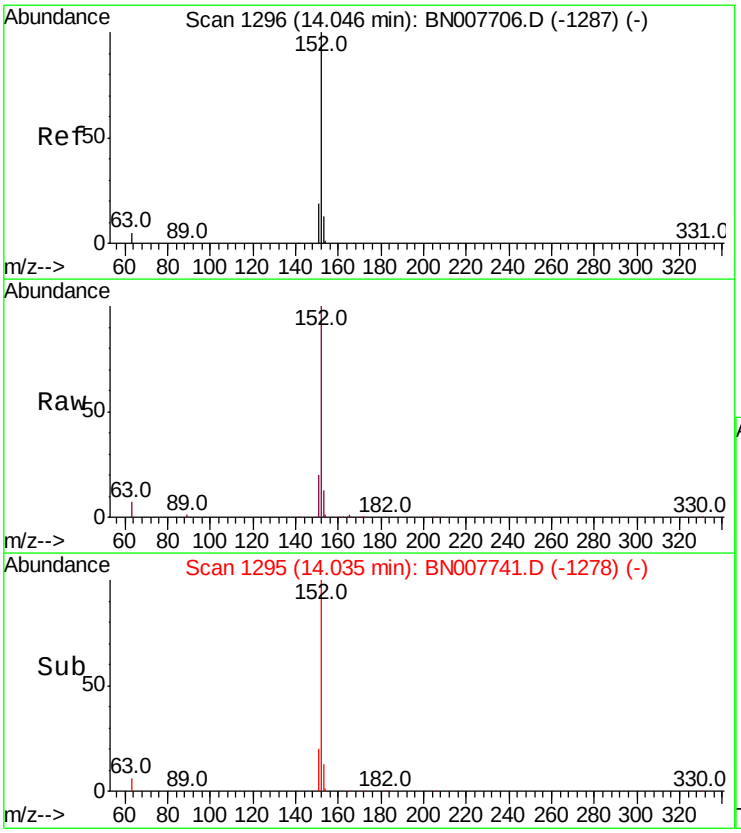
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 20371

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.4	19.5	29.3

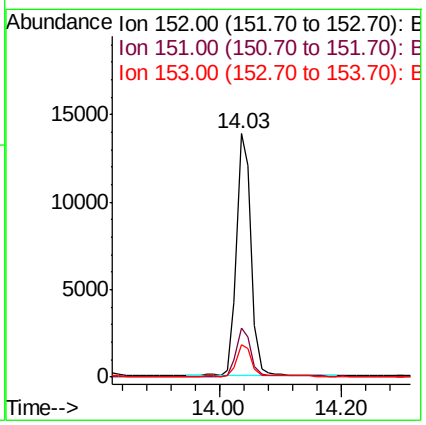


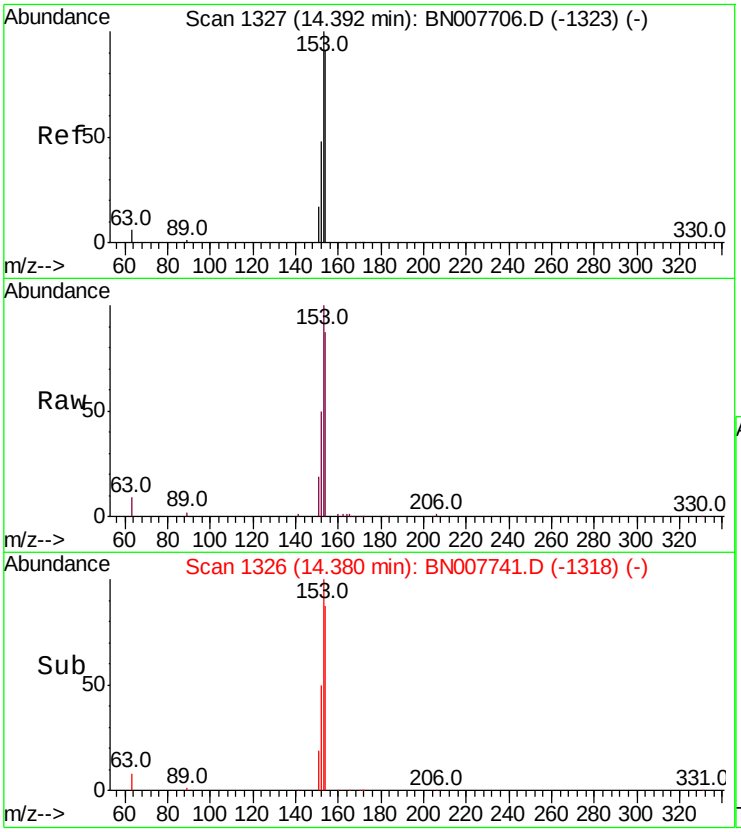


#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:152 Resp: 23214

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.1	10.4	15.6



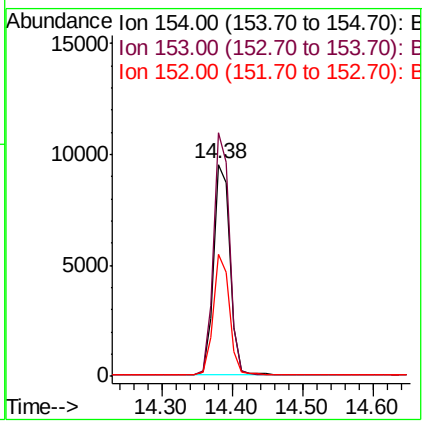


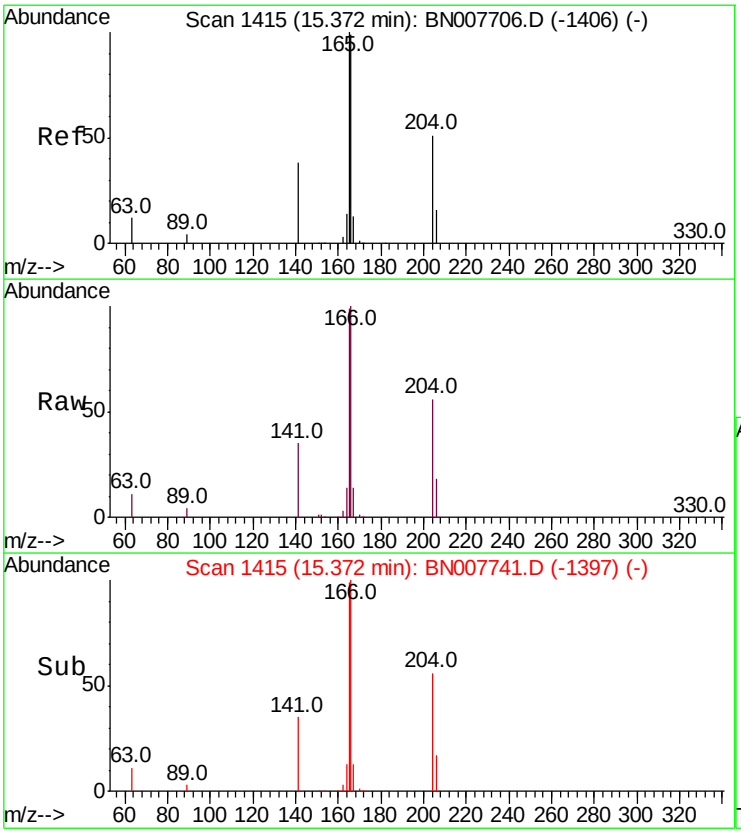
#17
Acenaphthene
Concen: 0.361 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 15760

Ion	Ratio	Lower	Upper
154	100		
153	112.3	87.0	130.4
152	56.4	42.7	64.1

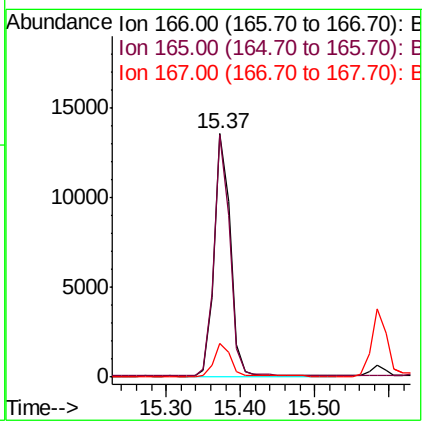


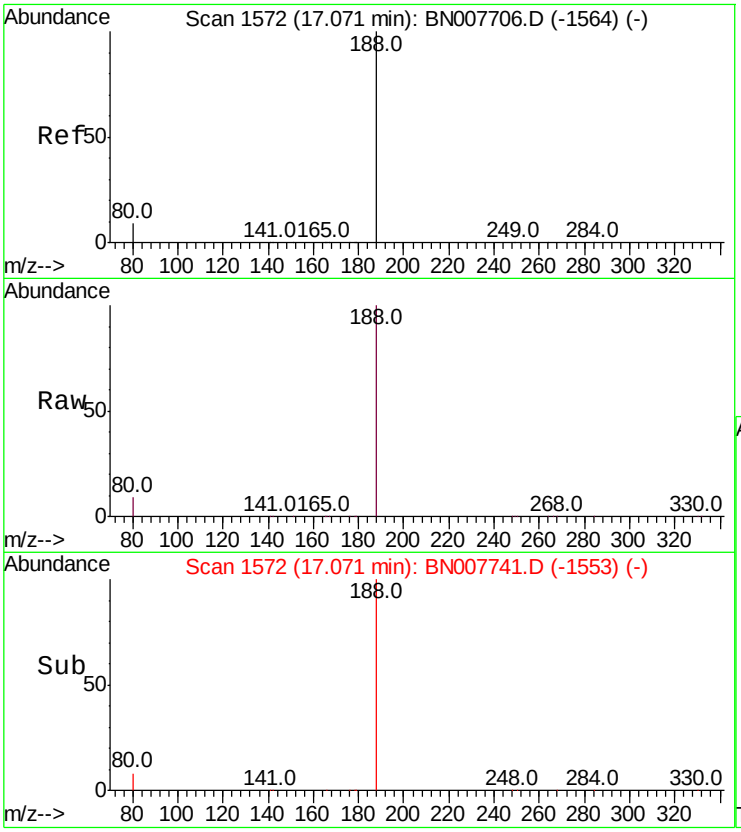


#18
Fluorene
Concen: 0.362 ng
RT: 15.37 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:166 Resp: 20268

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.0	117.0
167	13.7	10.9	16.3



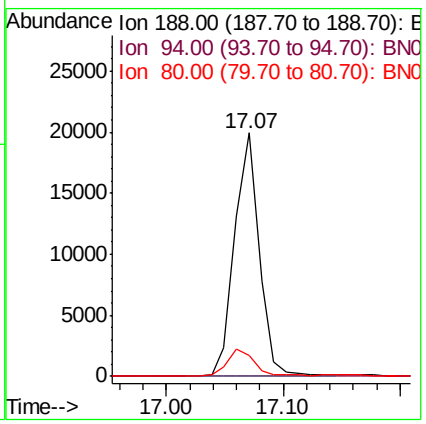


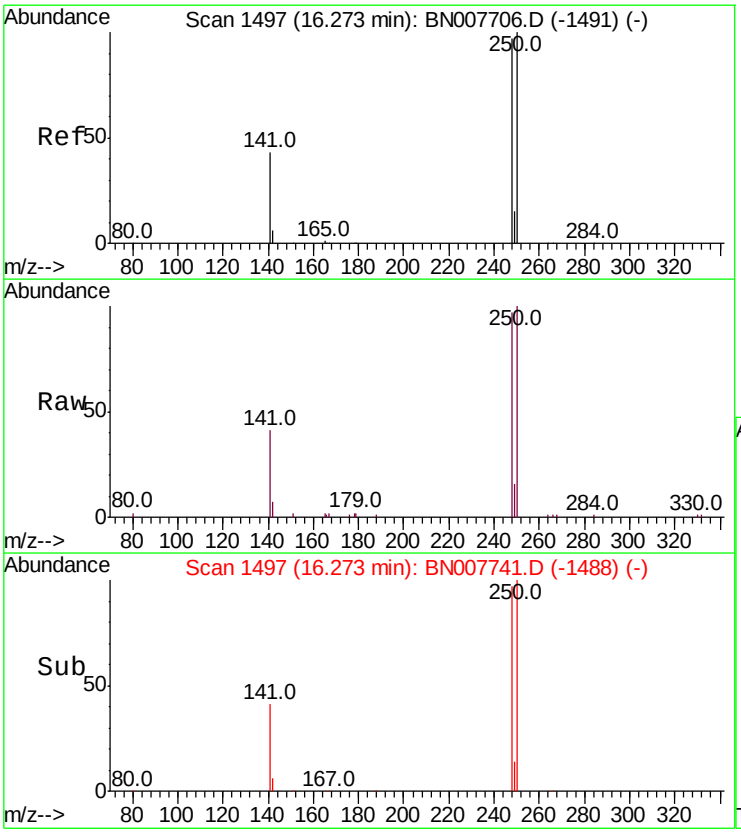
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 28592

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	7.4	11.2

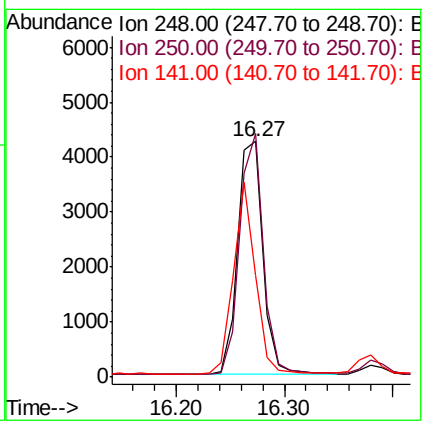


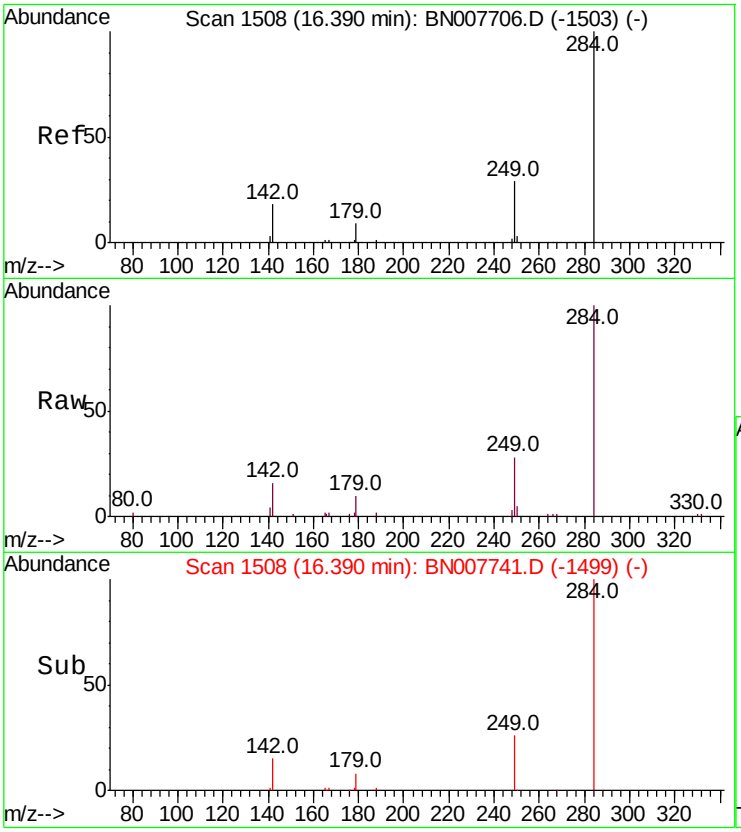


#20
4-Bromophenyl-phenylether
Concen: 0.397 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:248 Resp: 6895

Ion	Ratio	Lower	Upper
248	100		
250	103.4	82.2	123.4
141	42.8	36.3	54.5



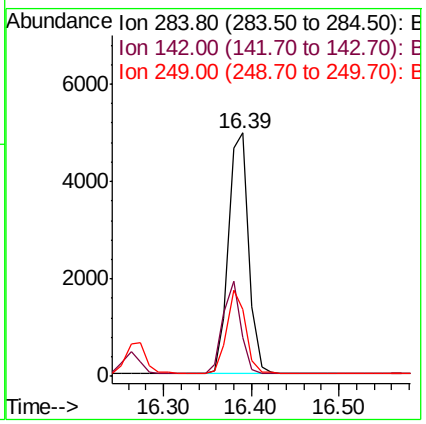


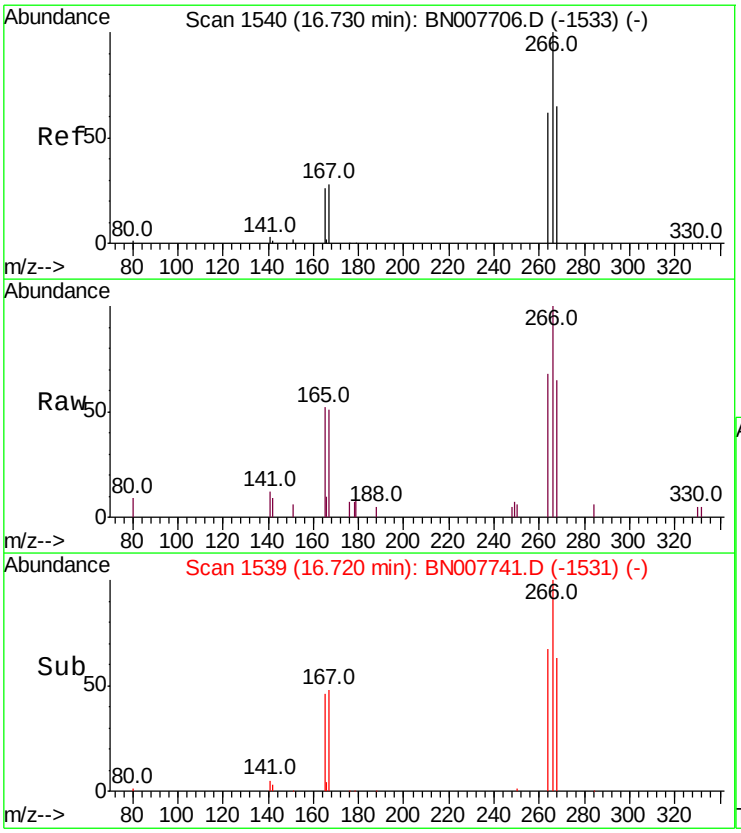
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.39 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 7908

Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.8	38.6
249	31.9	25.9	38.9

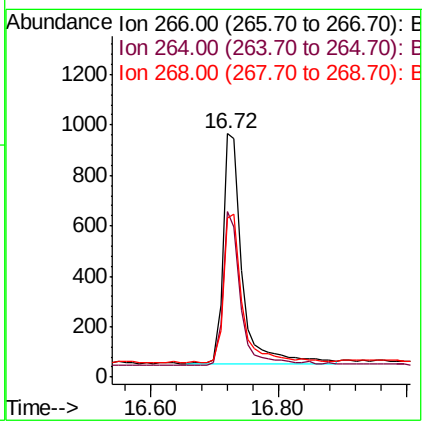


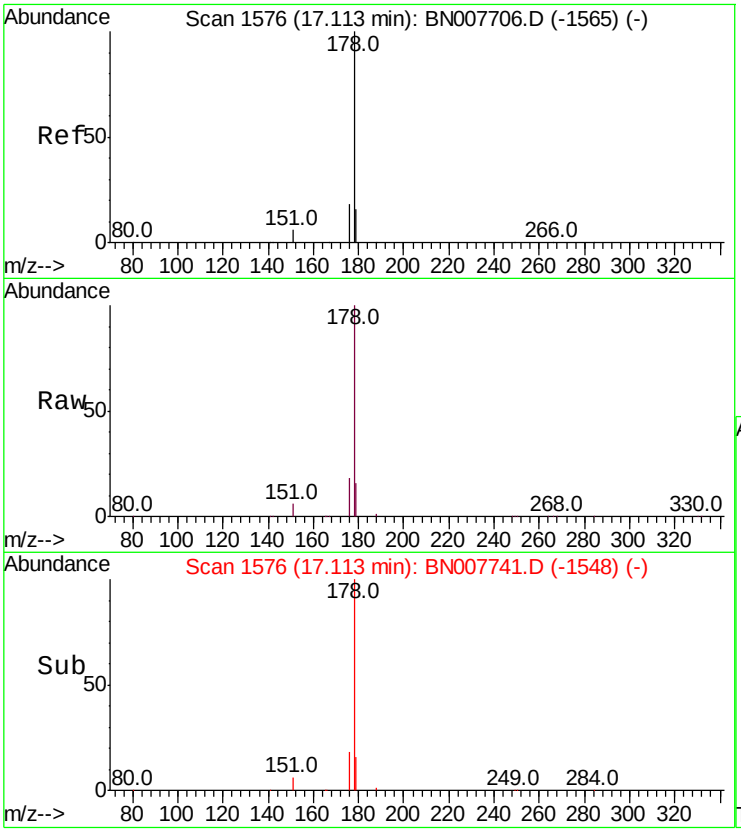


#22
Pentachlorophenol
Concen: 0.269 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:266 Resp: 1883

Ion	Ratio	Lower	Upper
266	100		
264	68.0	50.0	75.0
268	65.4	54.2	81.4



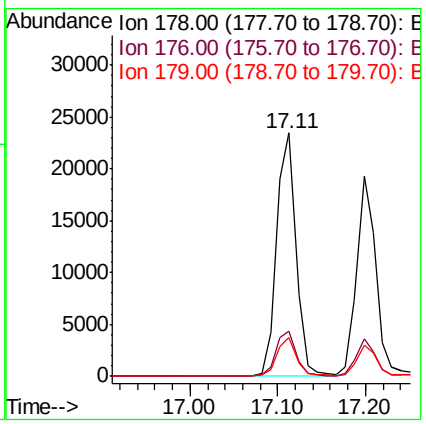


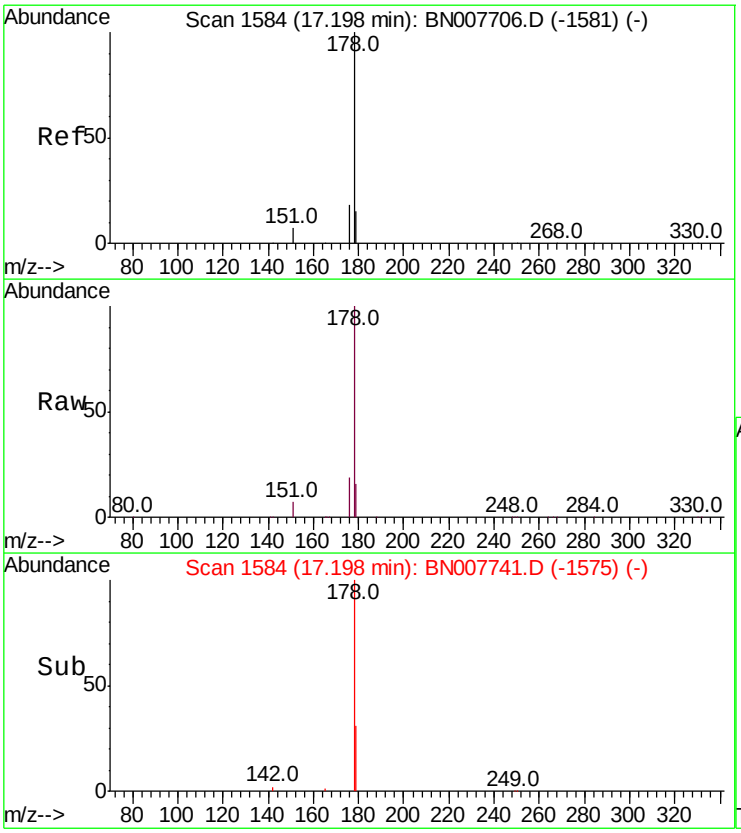
#23
Phenanthrene
Concen: 0.402 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 35801

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	12.5	18.7

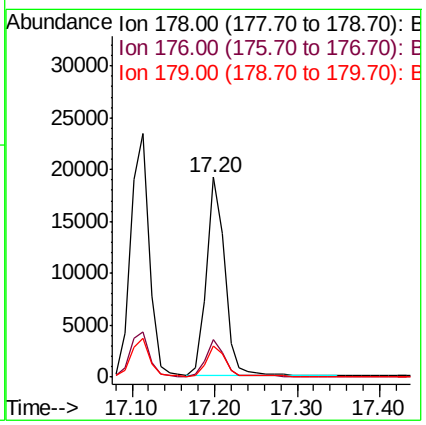


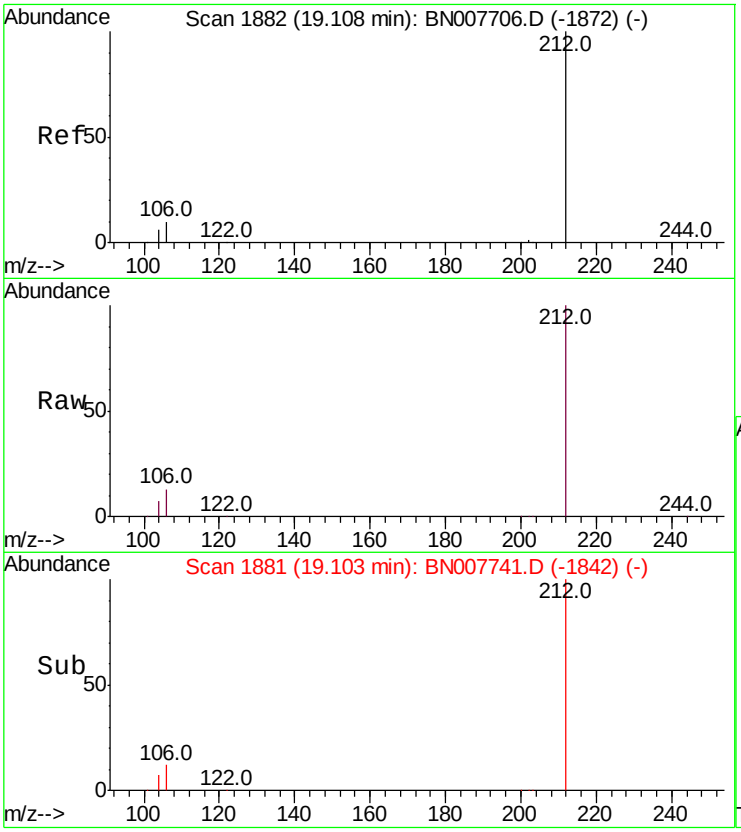


#24
Anthracene
Concen: 0.364 ng
RT: 17.20 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:178 Resp: 29293

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.5	12.2	18.4



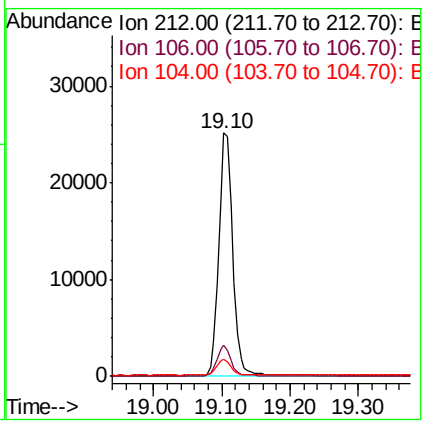


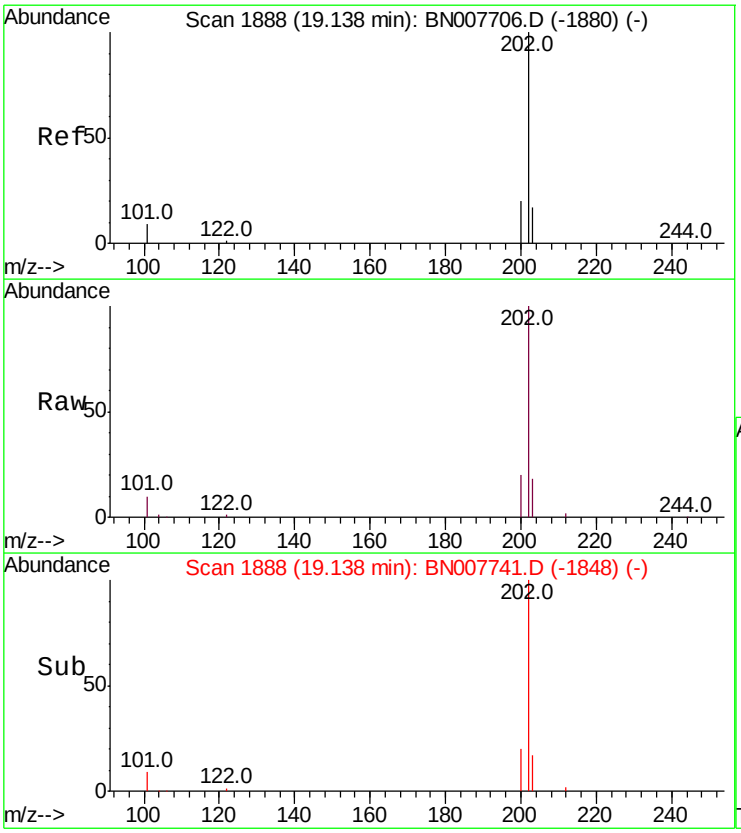
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.10 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 35652

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.0
104	6.7	5.3	7.9

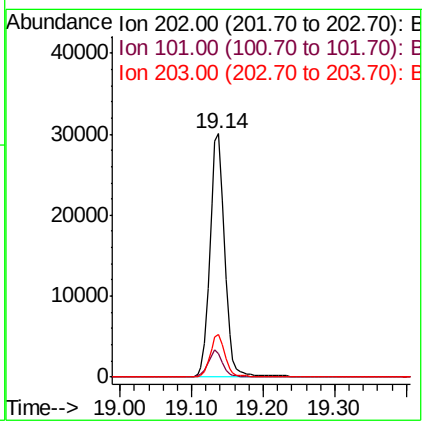


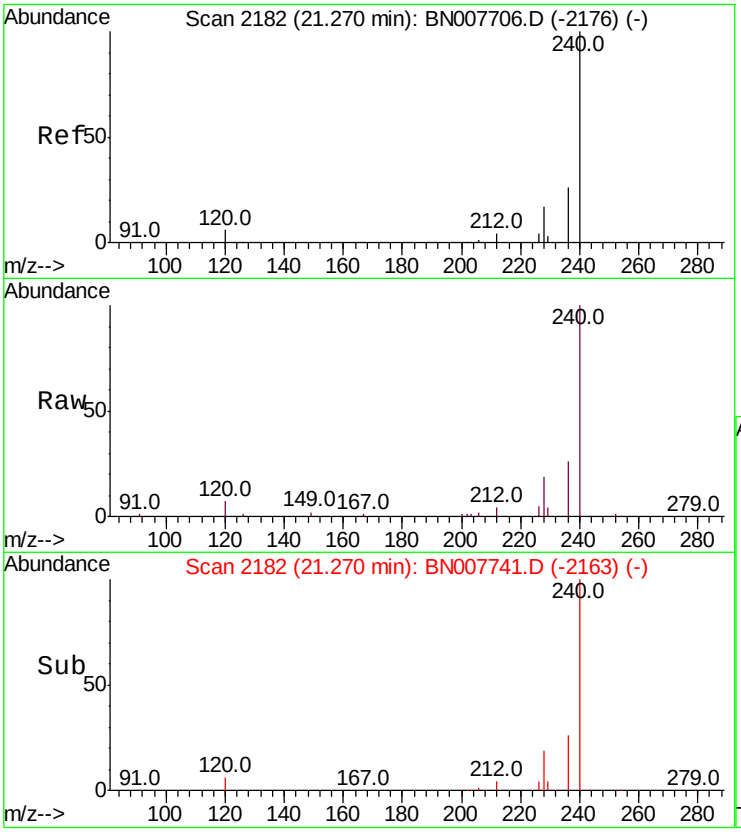


#26
Fluoranthene
Concen: 0.380 ng
RT: 19.14 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:202 Resp: 42063

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
203	17.1	13.8	20.8



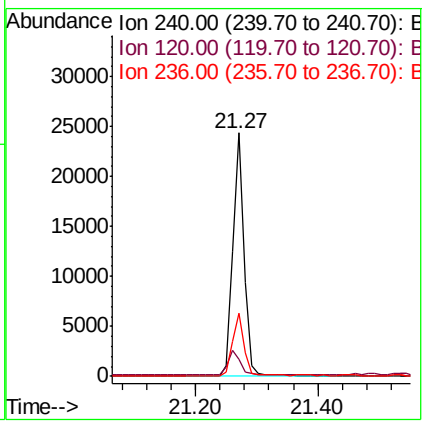


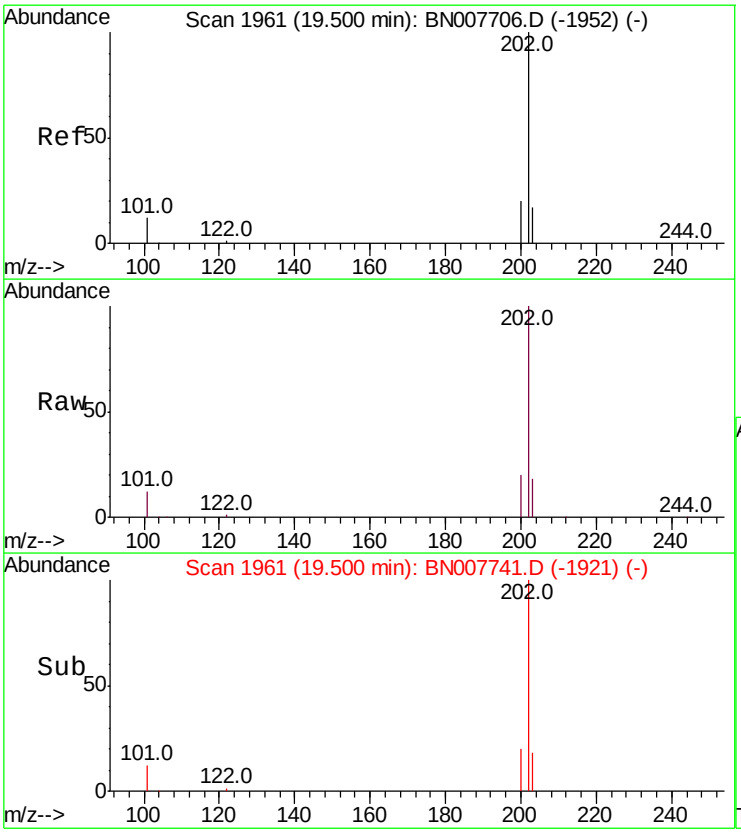
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 31410

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.4	8.2
236	26.1	21.0	31.4

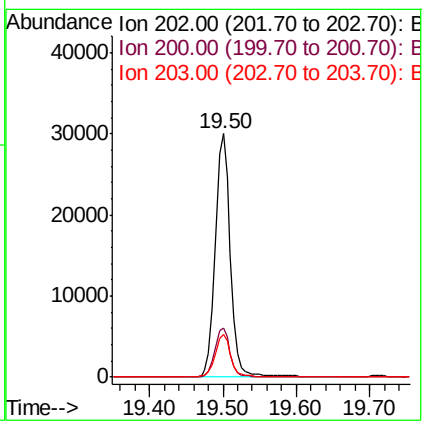


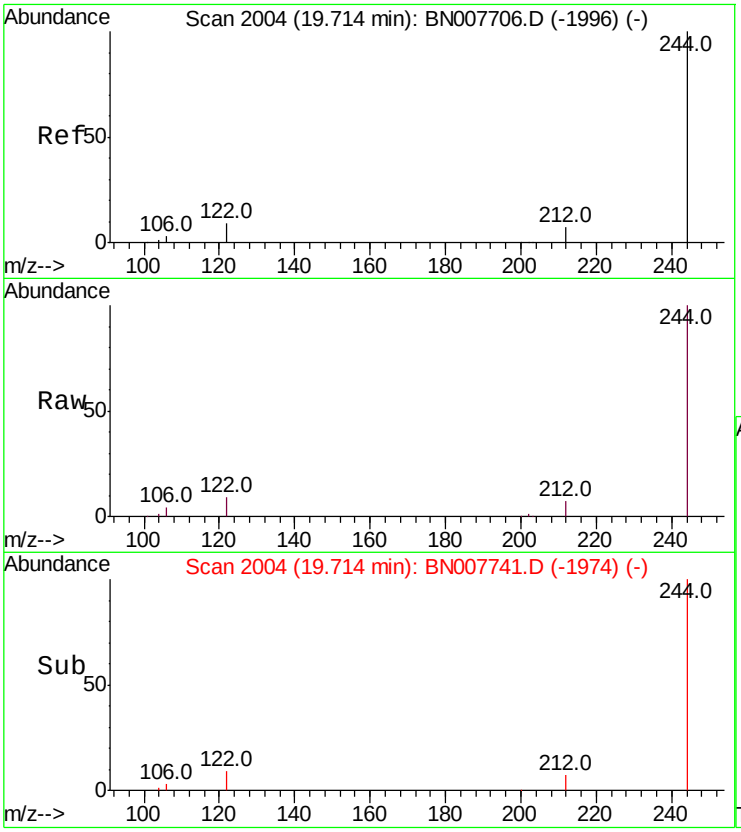


#28
Pyrene
Concen: 0.392 ng
RT: 19.50 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:202 Resp: 42041

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.6	14.1	21.1



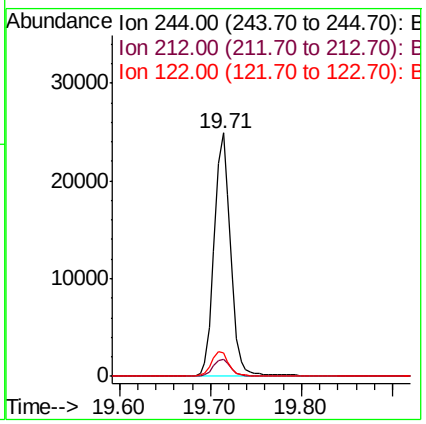


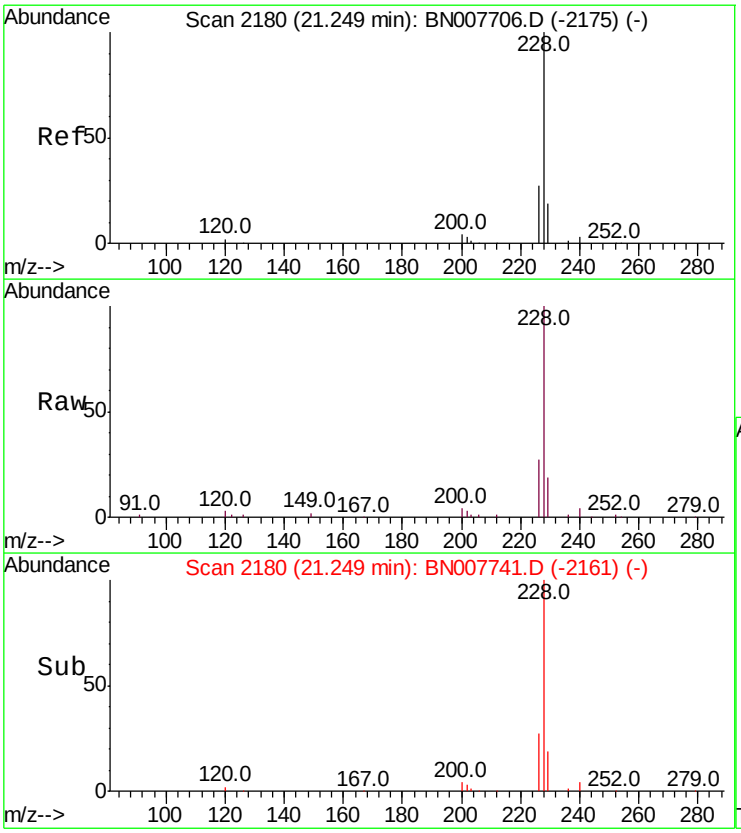
#29
Terphenyl-d14
Concen: 0.394 ng
RT: 19.71 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 30417

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.4	7.4	11.2

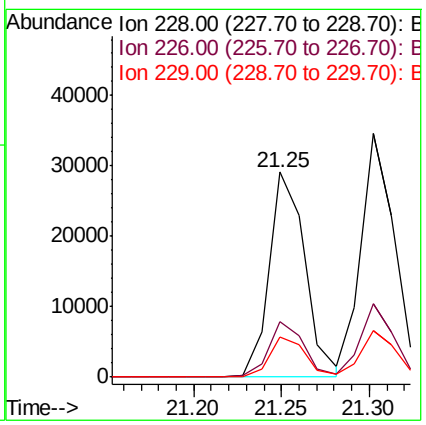


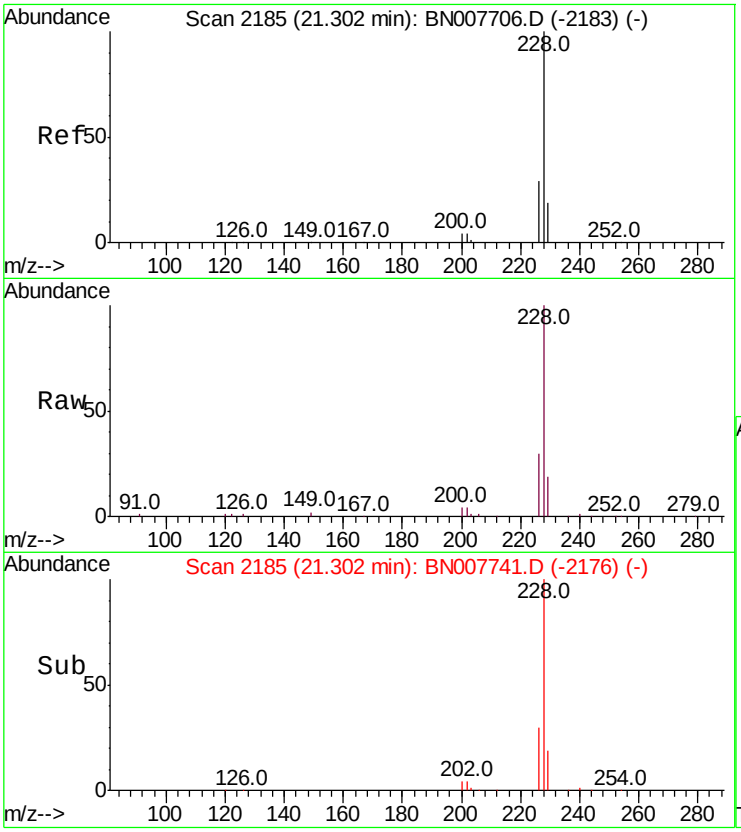


#30
Benzo(a)anthracene
Concen: 0.355 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:228 Resp: 41098

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	19.2	15.8	23.6



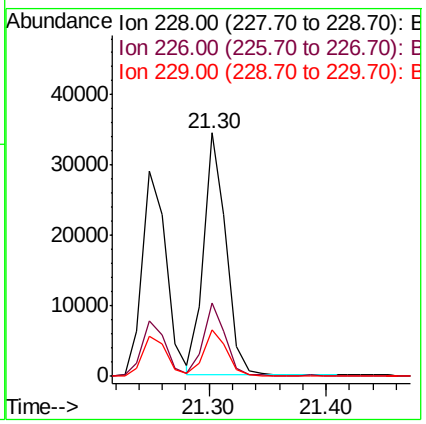


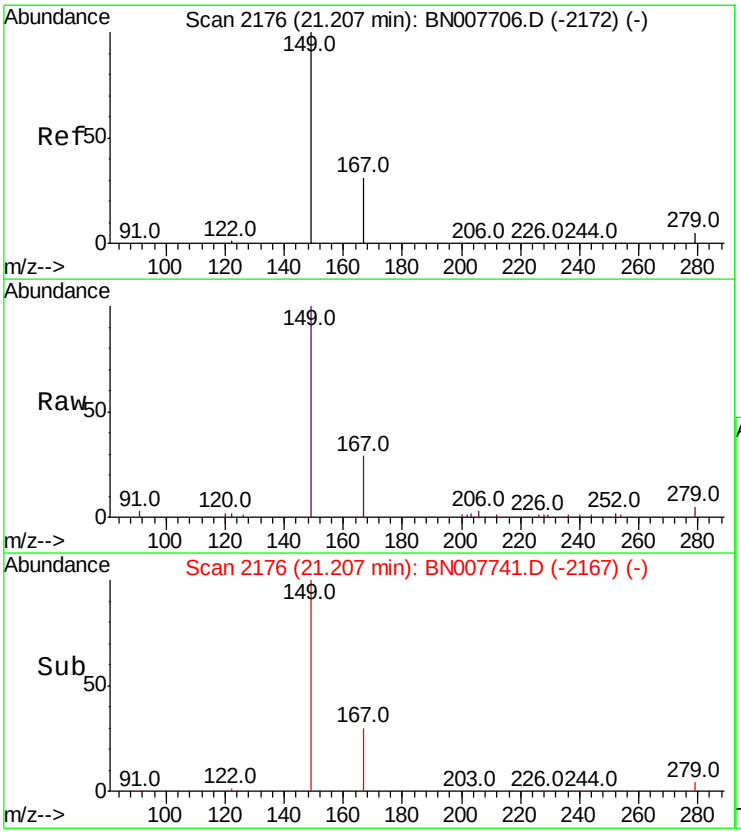
#31
Chrysene
Concen: 0.408 ng
RT: 21.30 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 46004

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.3	15.8	23.6

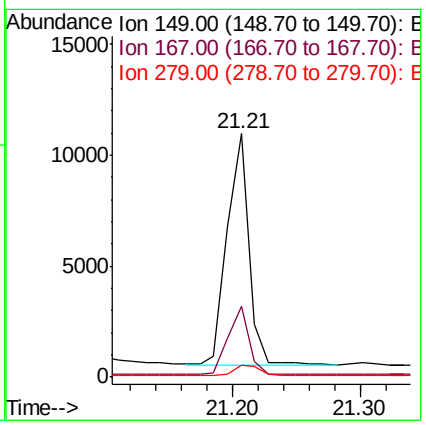


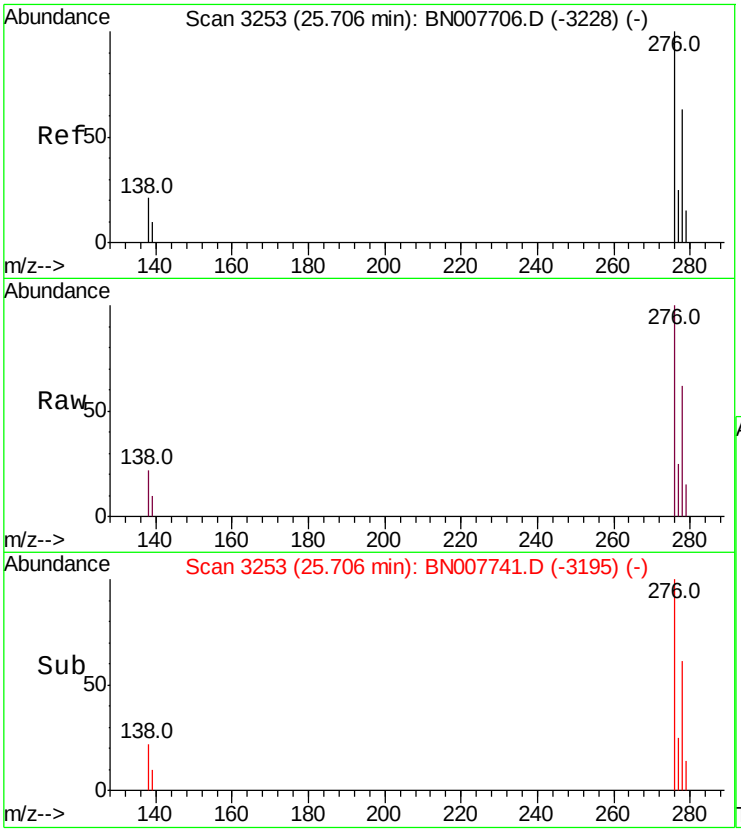


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.208 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:149 Resp: 12351

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.7	35.5
279	5.0	4.2	6.2



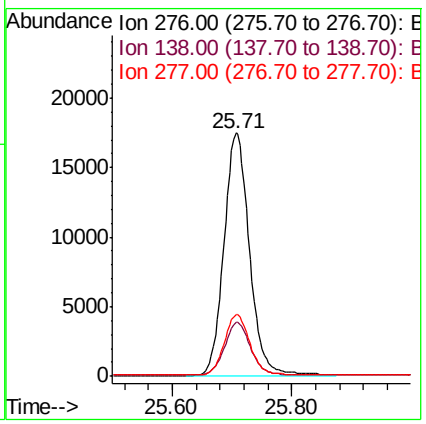


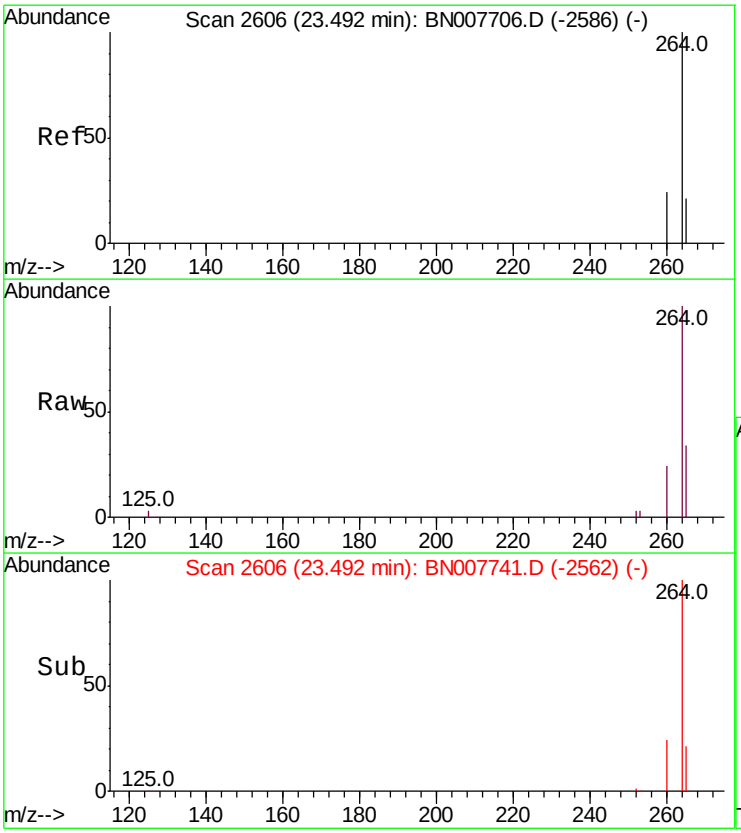
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng
RT: 25.71 min Scan# 3253
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 51605

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.1	25.7
277	25.0	20.0	30.0

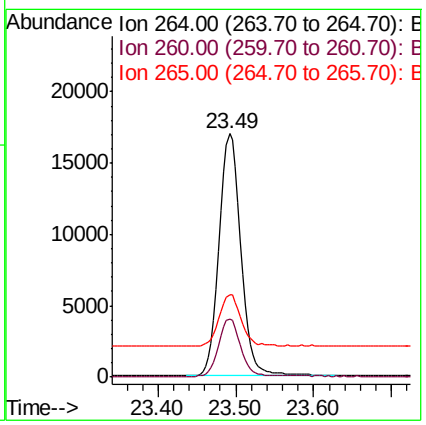


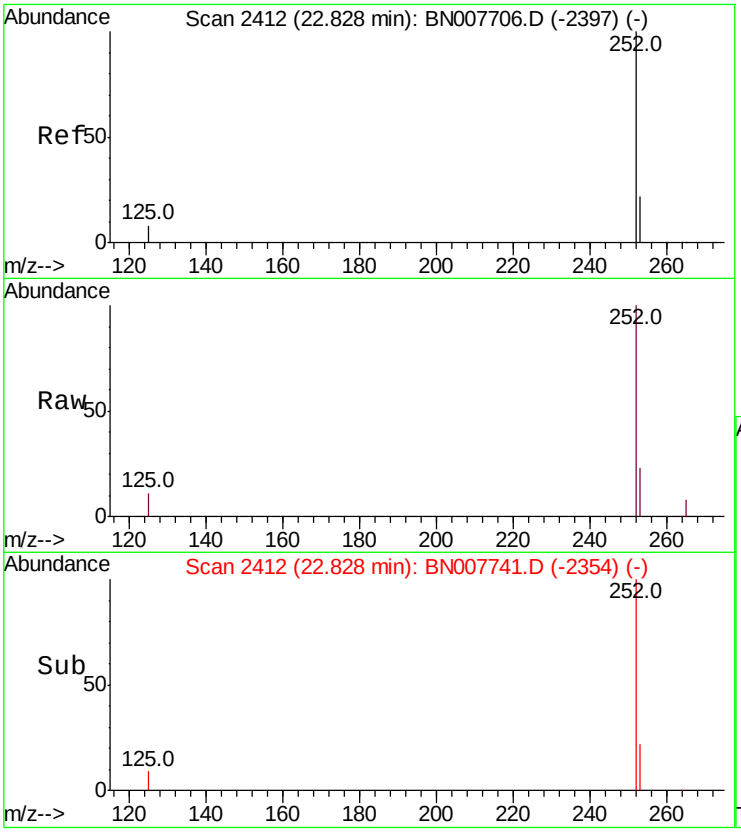


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:264 Resp: 32938

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	33.9	26.9	40.3



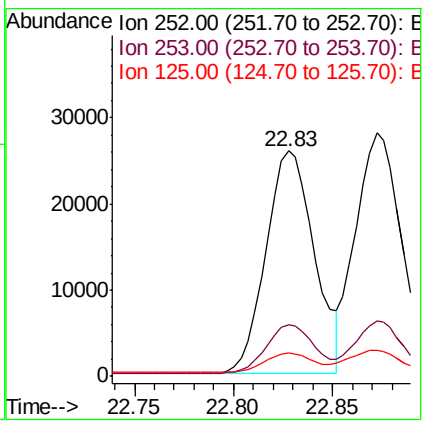


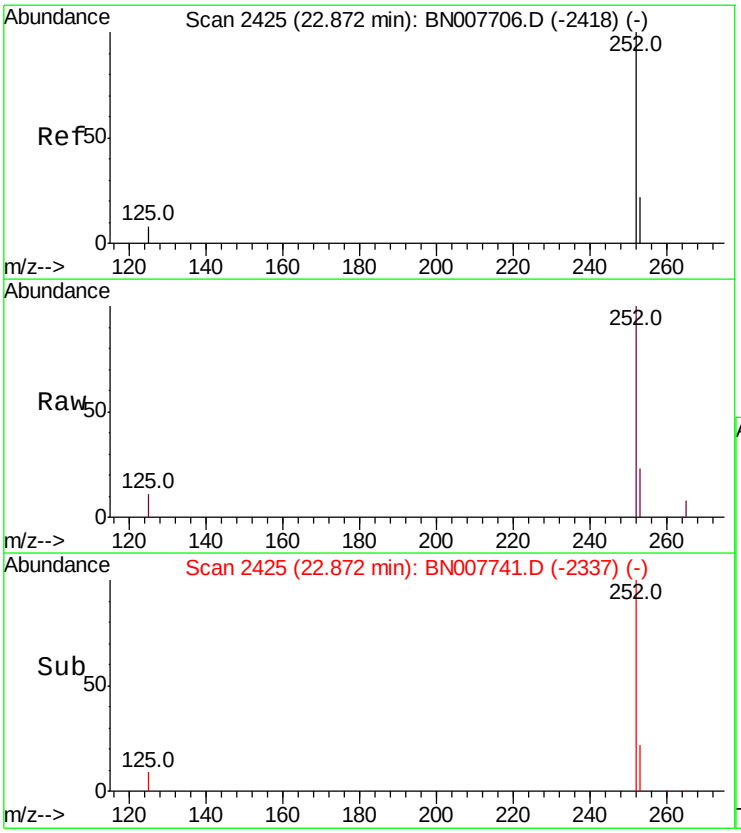
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 22.83 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 44095

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	10.6	8.2	12.4

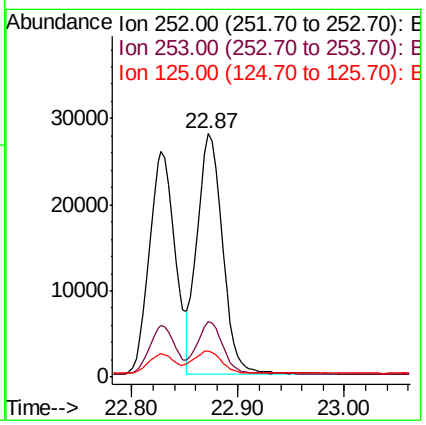


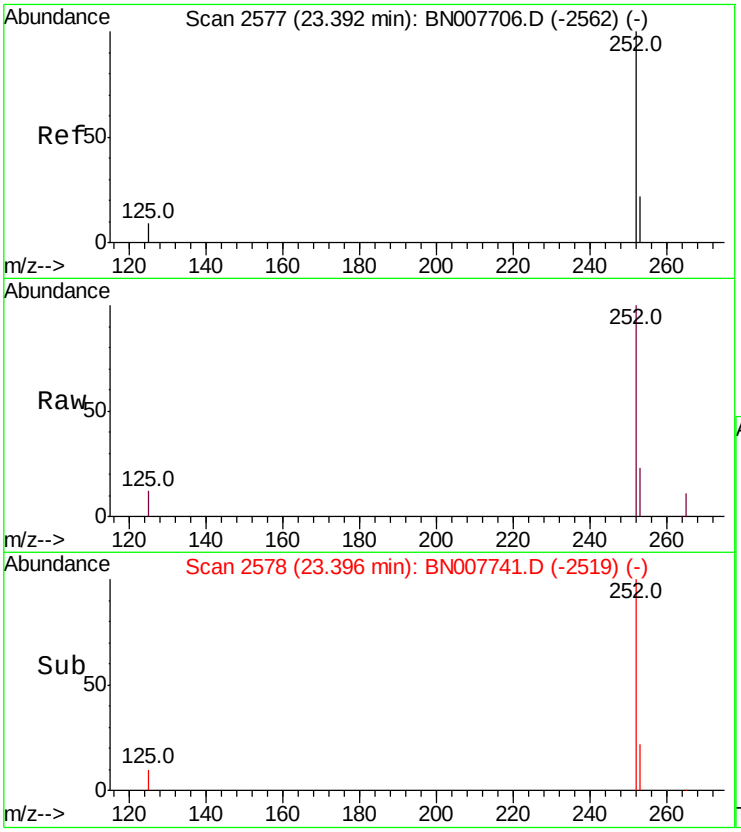


#36
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 22.87 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:252 Resp: 46296

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	10.7	8.4	12.6



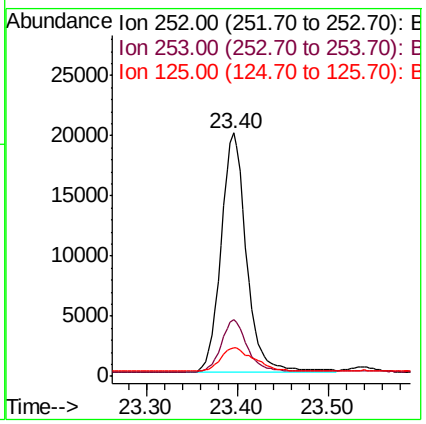


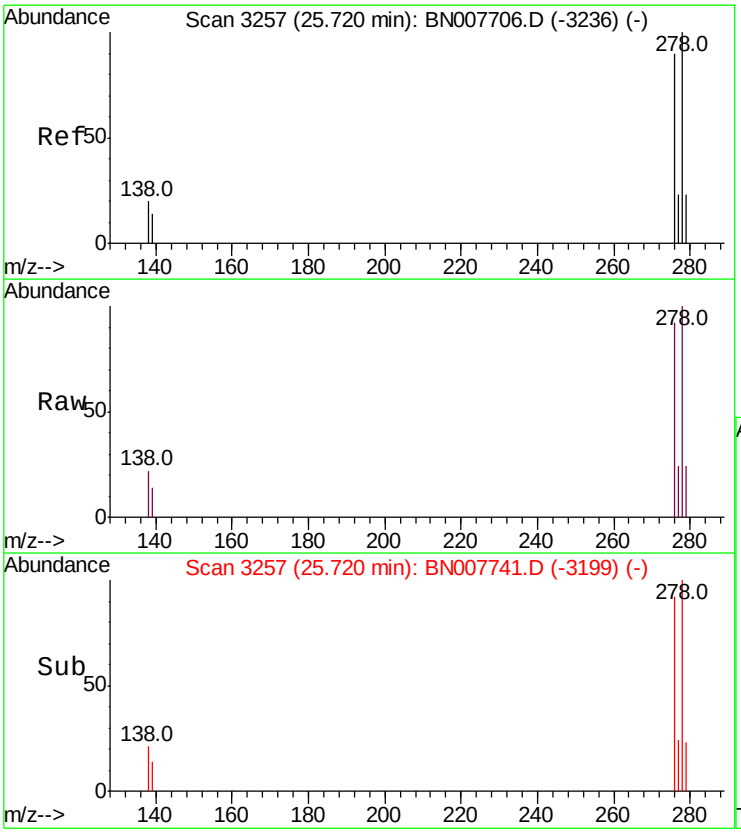
#37
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.40 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 38922

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	27.8
125	11.8	9.4	14.0

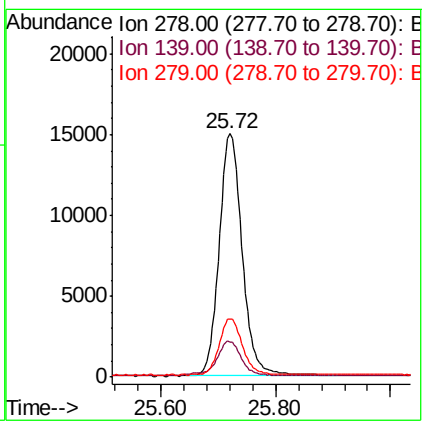


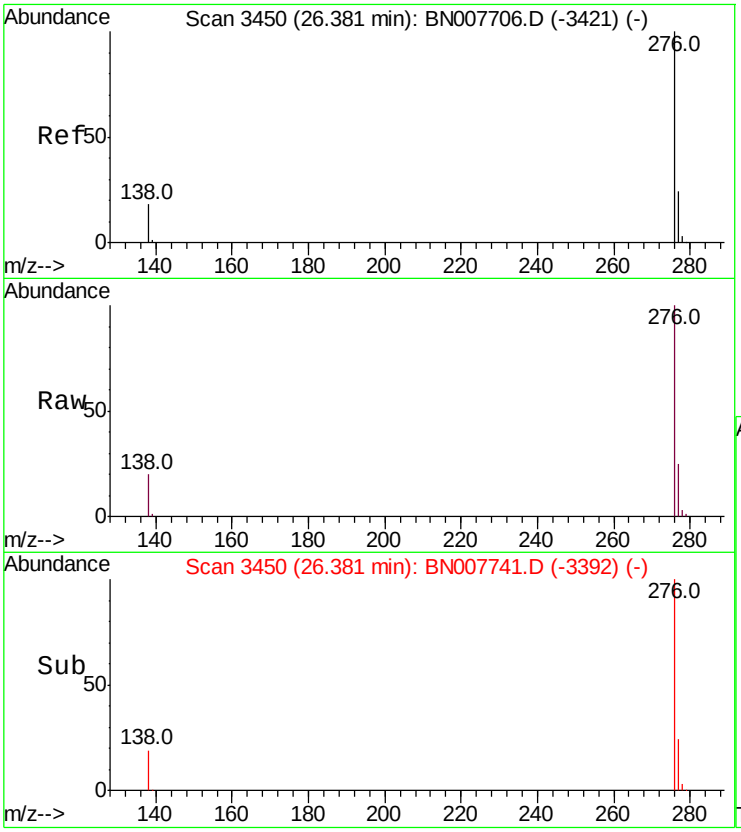


#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 25.72 min Scan# 3257
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Tgt Ion:278 Resp: 41955

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.8	17.6
279	24.1	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 26.38 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BN007741.D
Acq: 19 Sep 2019 15:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 40912

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	19.6	15.1	22.7