Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

Quantitation Report (Not Reviewed)

Data File : BN007907.D
Acq On : 30 Sep 2019 21:24
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 01 06:52:53 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	7627	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	30079	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	16702	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	32007	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	36127	0.40	ng		-0.01
34) Perylene-d12	23.47	264	40044	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	9618	0.37	ng		0.00
5) Phenol-d6	6.87	99	12778	0.39	ng		0.00
8) Nitrobenzene-d5	8.83	82	11219	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	20744	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2991	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	28470	0.41	ng		-0.01
25) Fluoranthene-d10	19.09	212	45383	0.42	ng		-0.01
29) Terphenyl-d14	19.70	244	40119	0.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	3499	0.412	ng		88
3) n-Nitrosodimethylamine	3.00	42	2105	0.541	ng	#	89
6) bis(2-Chloroethyl)ether	7.13	93	10561	0.489	ng		89
9) Naphthalene	10.51	128	35985	0.426	ng		100
10) Hexachlorobutadiene	10.81	225	7741	0.435	ng	#	99
12) 2-Methylnaphthalene	12.13	142	23424	0.411	ng		99
16) Acenaphthylene	14.04	152	36315	0.410	ng		100
17) Acenaphthene	14.38	154	21963	0.385	ng		97
18) Fluorene	15.36	166	27607	0.377	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	8643	0.445	ng	#	75
21) Hexachlorobenzene	16.38	284	9746	0.459	ng		98
22) Pentachlorophenol	16.72	266	3402	0.434	ng		99
23) Phenanthrene	17.10	178	42054	0.422	ng		100
24) Anthracene	17.19	178	39000	0.433	ng		99
26) Fluoranthene	19.12	202	52055	0.420	ng		100
28) Pyrene	19.49	202	54415	0.442	ng		100
30) Benzo(a)anthracene	21.24	228	57209	0.430	ng		100
31) Chrysene	21.29	228	53660	0.414	ng		99
32) Bis(2-ethylhexyl)phthalate	21.19	149	33852	0.495	ng		95
33) Indeno(1,2,3-cd)pyrene	25.68	276	65050	0.401	ng		99
35) Benzo(b)fluoranthene	22.81	252	56281	0.405	ng		98
36) Benzo(k)fluoranthene	22.86	252	56924	0.414	ng		99
37) Benzo(a)pyrene	23.38	252	53425	0.409	ng		97
38) Dibenzo(a,h)anthracene	25.69	278	52604	0.394	ng		98
39) Benzo(g,h,i)perylene	26.35	276	53294	0.403	ng		99

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

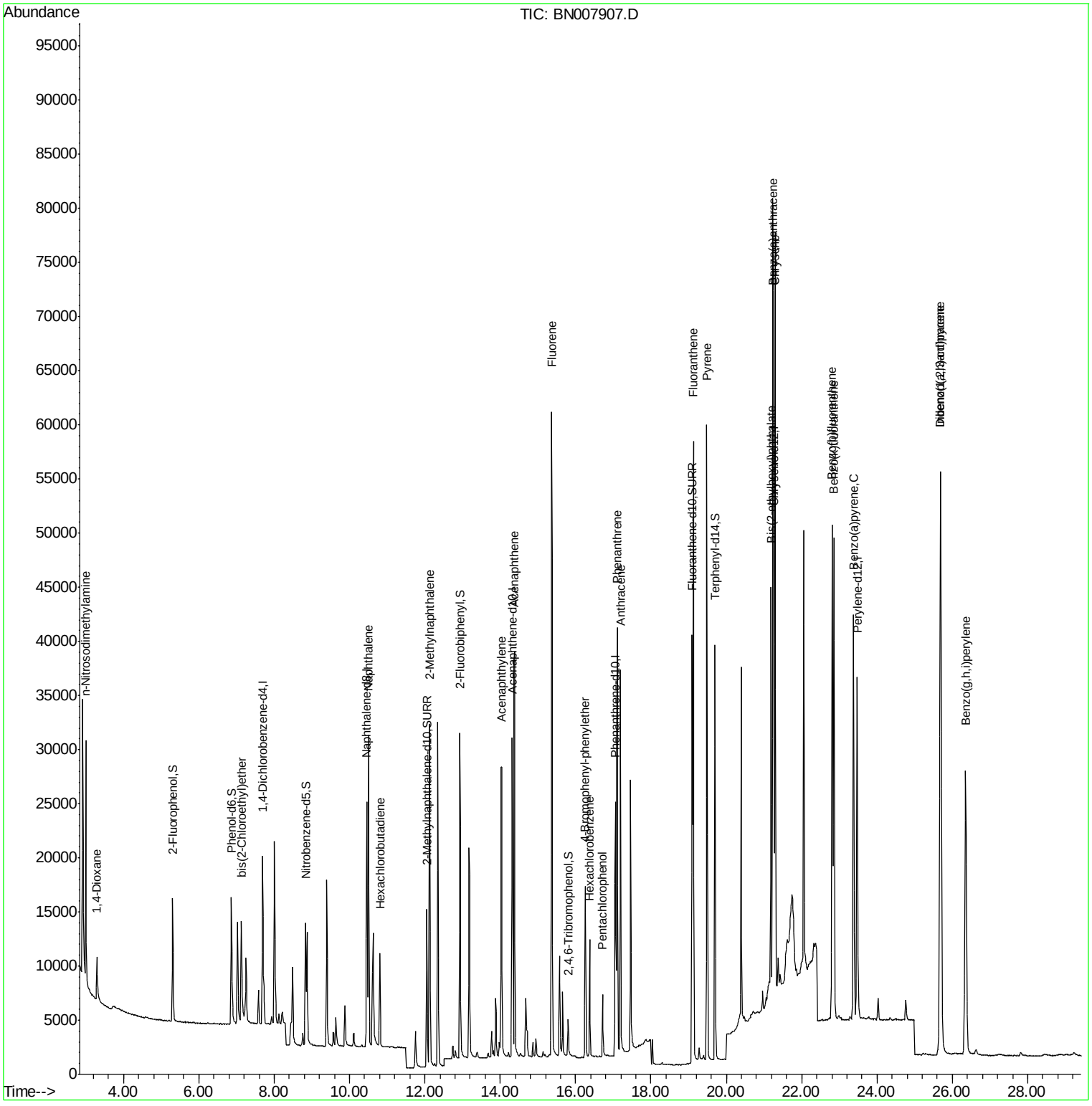
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

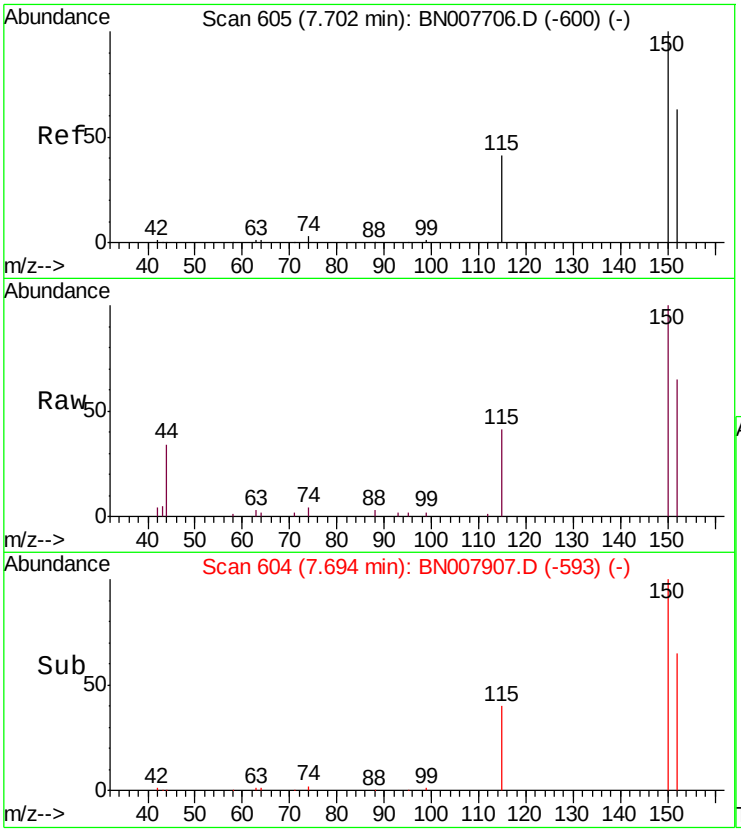
Quantitation Report (Not Reviewed)

Data File : BN007907.D
Acq On : 30 Sep 2019 21:24
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 01 06:52:53 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



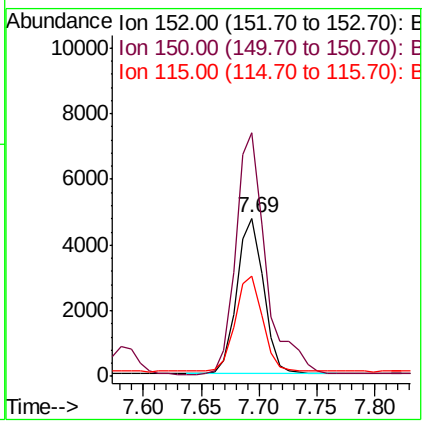


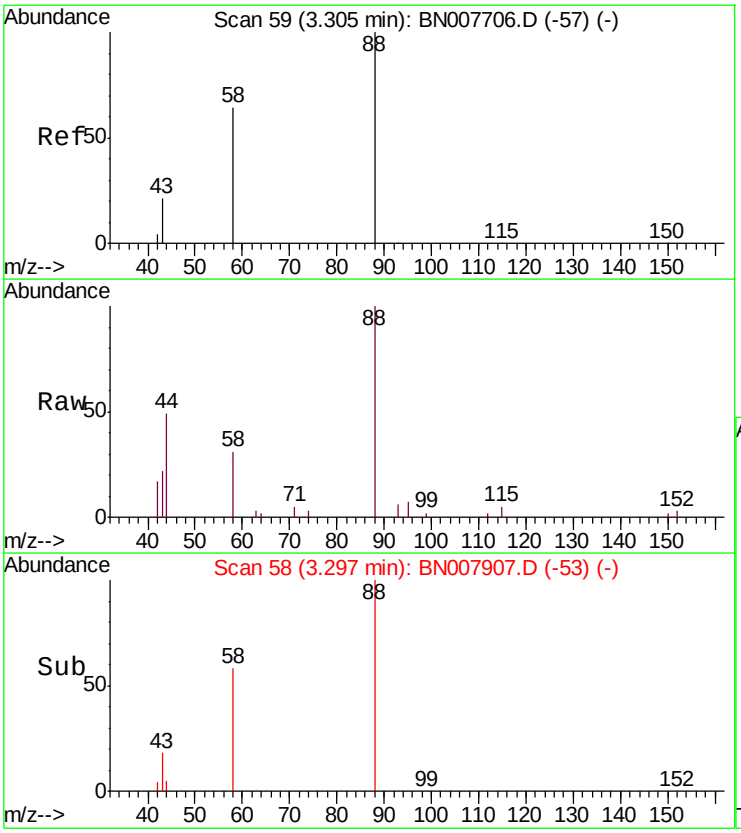
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7627

Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.6	188.4
115	63.3	53.3	79.9

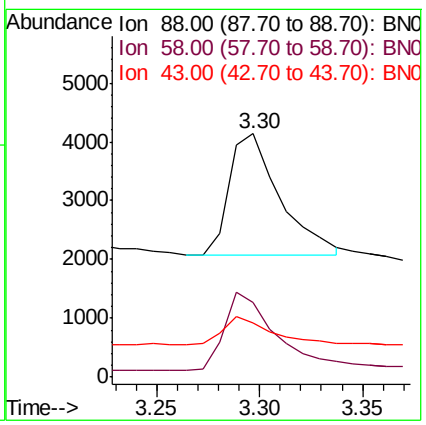


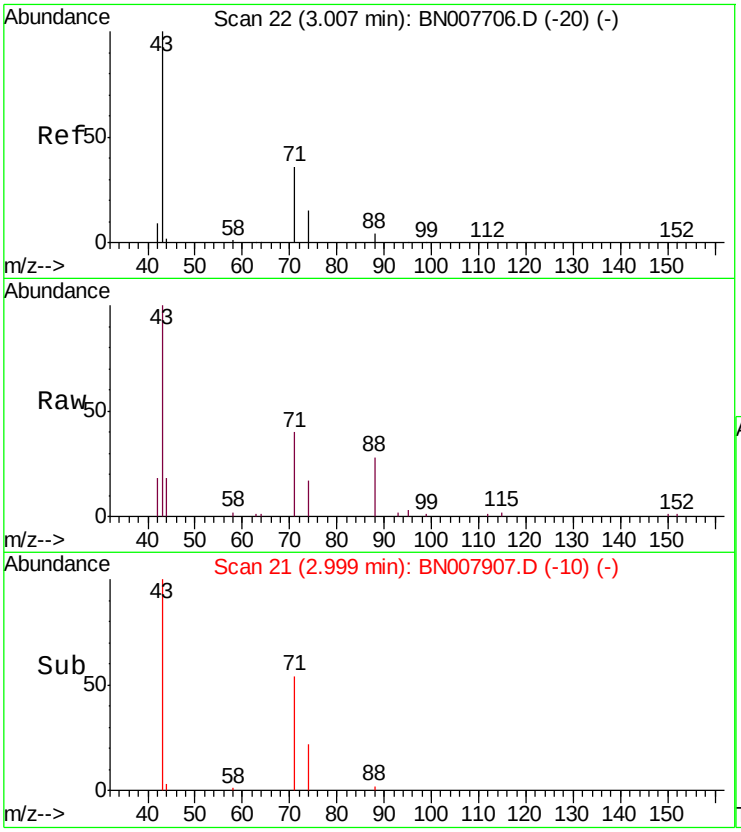


#2
1,4-Dioxane
Concen: 0.412 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion: 88 Resp: 3499

Ion	Ratio	Lower	Upper
88	100		
58	65.6	44.6	66.8
43	21.5	14.4	21.6



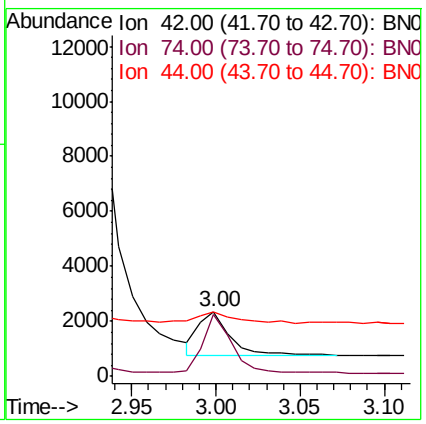


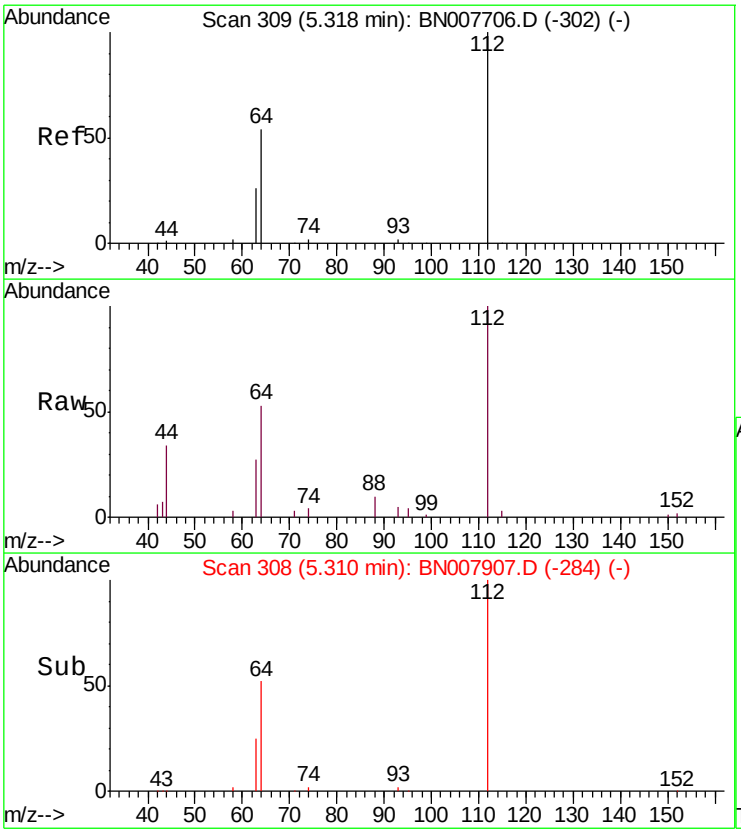
#3
n-Nitrosodimethylamine
Concen: 0.541 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2105

Ion	Ratio	Lower	Upper
42	100		
74	119.4	87.9	131.9
44	27.4	29.4	44.0#

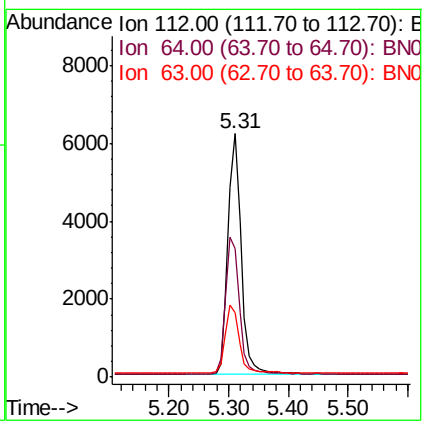


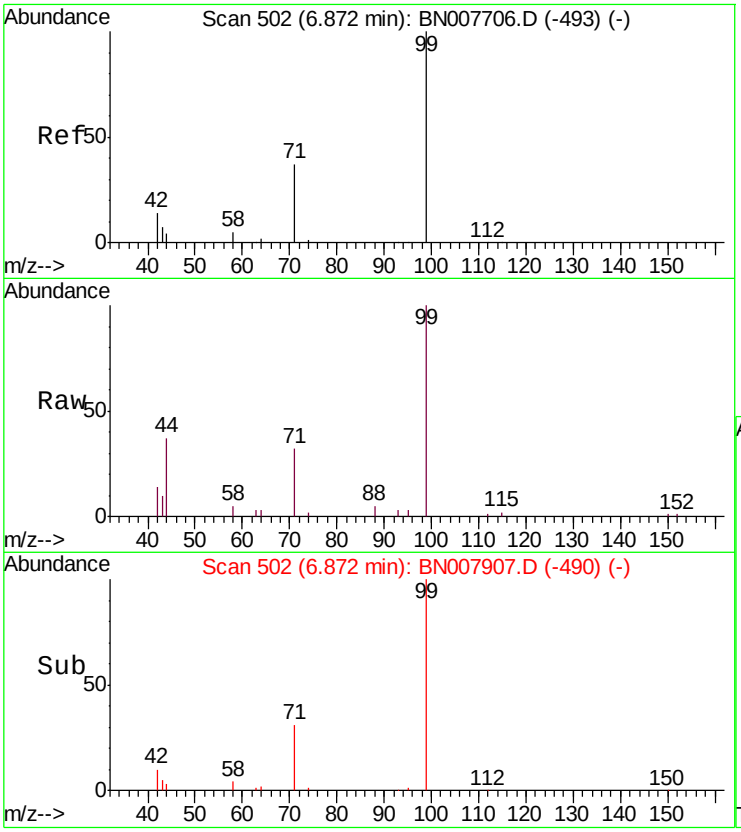


#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:112 Resp: 9618

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.6	70.0
63	29.2	23.1	34.7



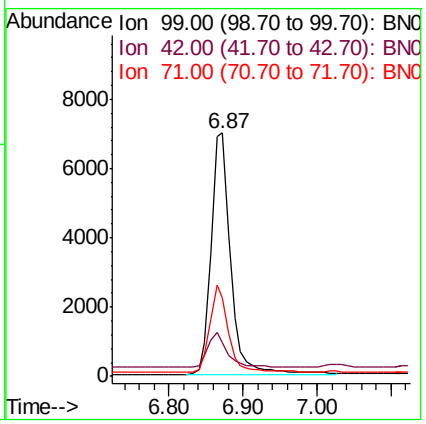


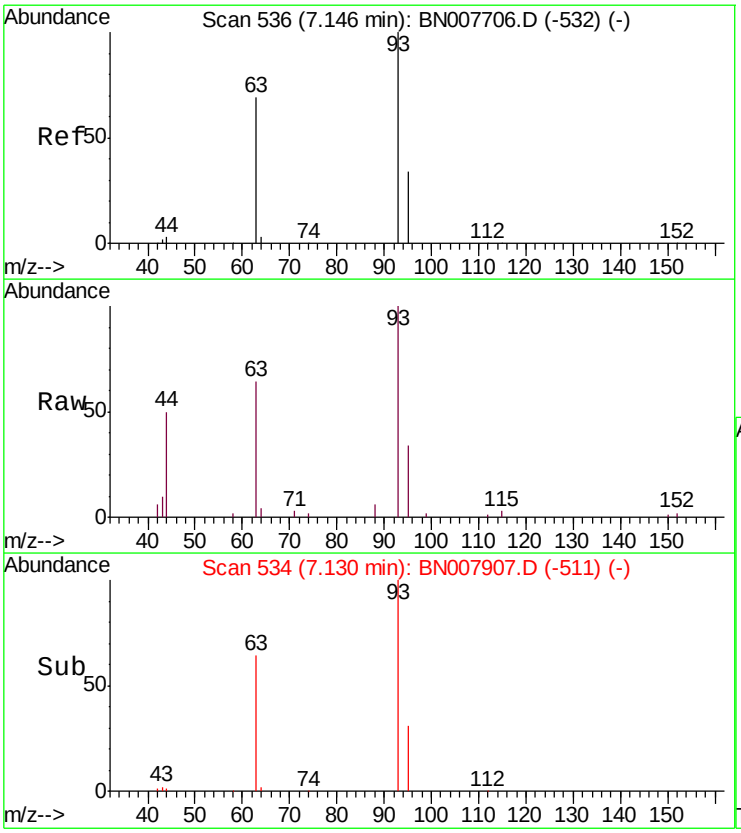
#5
Phenol-d6
Concen: 0.390 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 12778

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.8	19.2
71	34.2	27.6	41.4

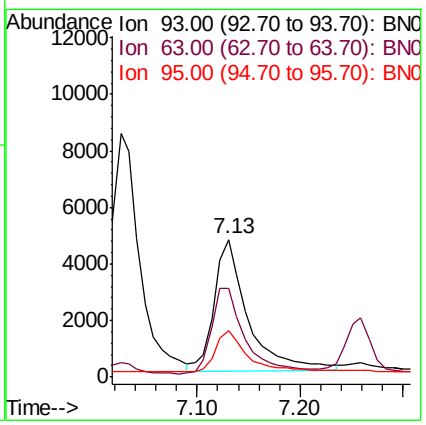


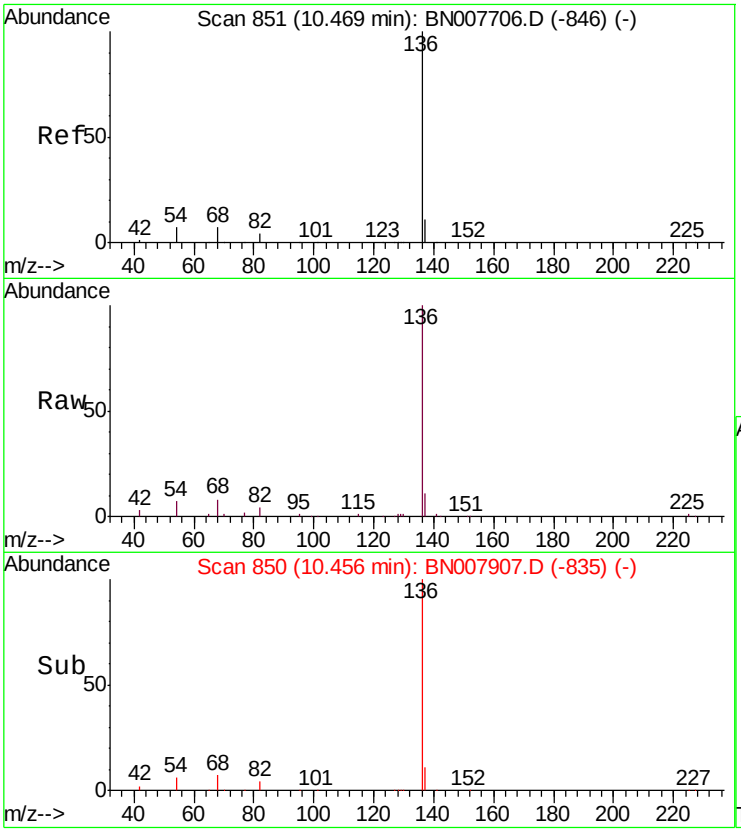


#6
bis(2-Chloroethyl)ether
Concen: 0.489 ng
RT: 7.13 min Scan# 534
Delta R.T. -0.02 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion: 93 Resp: 10561

Ion	Ratio	Lower	Upper
93	100		
63	64.9	59.3	88.9
95	32.3	31.4	47.0



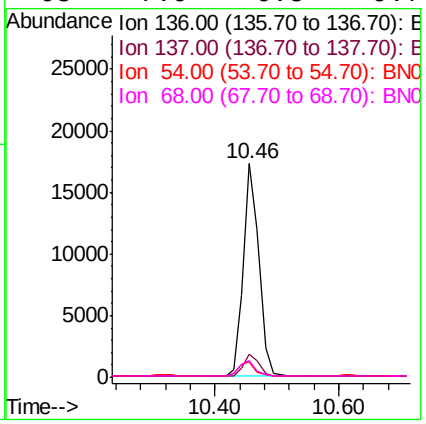


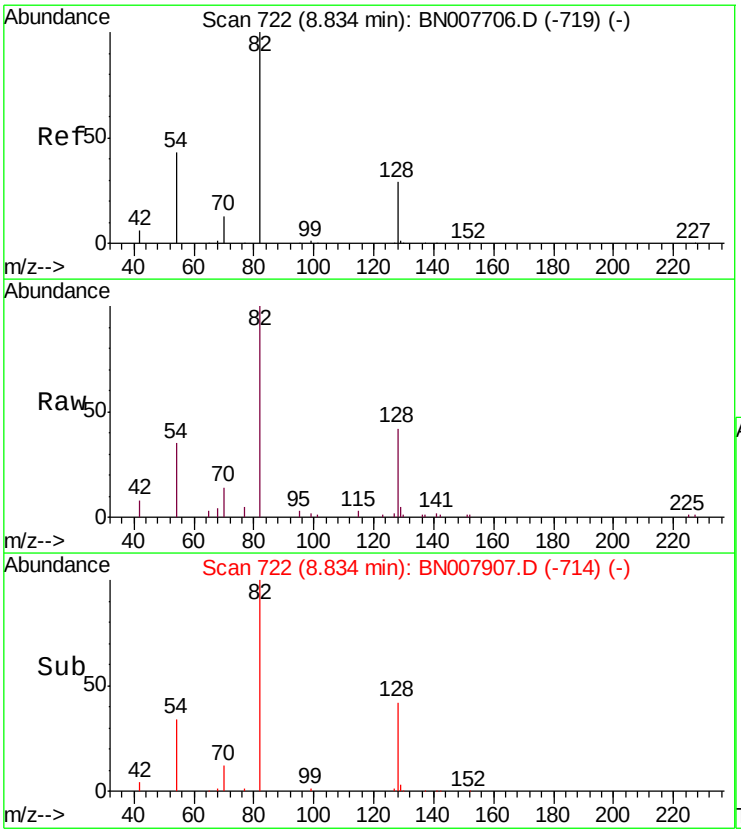
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 30079

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.1	5.8	8.8
68	7.9	6.5	9.7

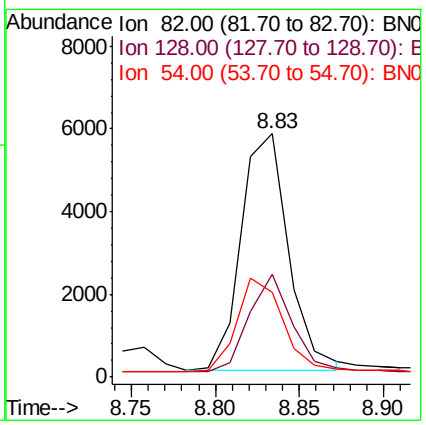


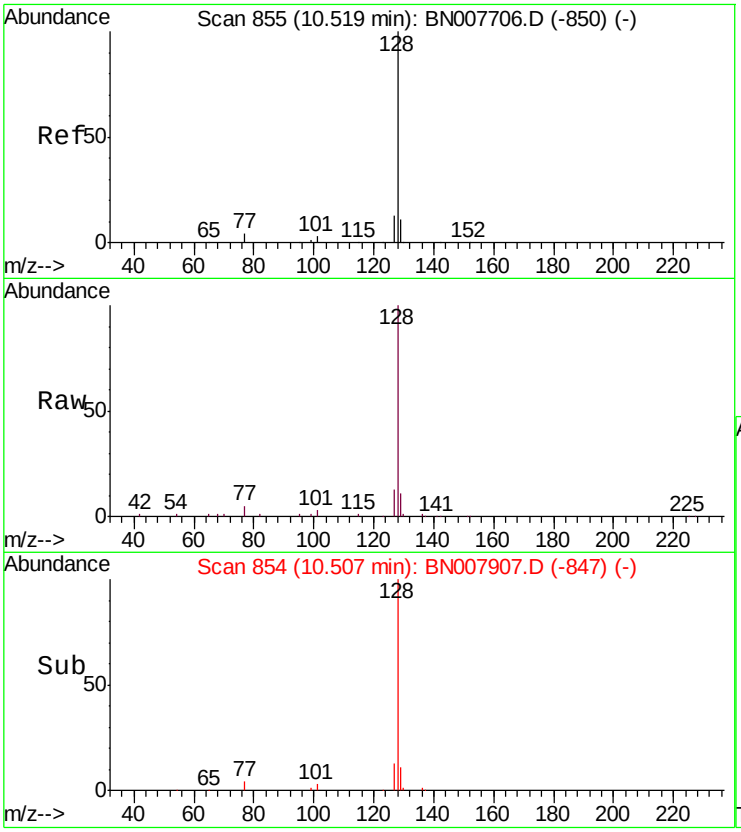


#8
Nitrobenzene-d5
Concen: 0.426 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion: 82 Resp: 11219

Ion	Ratio	Lower	Upper
82	100		
128	42.4	24.5	36.7#
54	35.0	35.2	52.8#



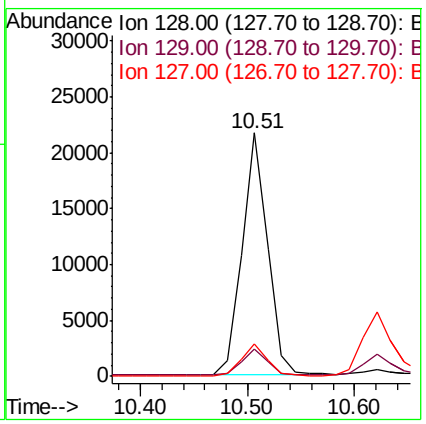


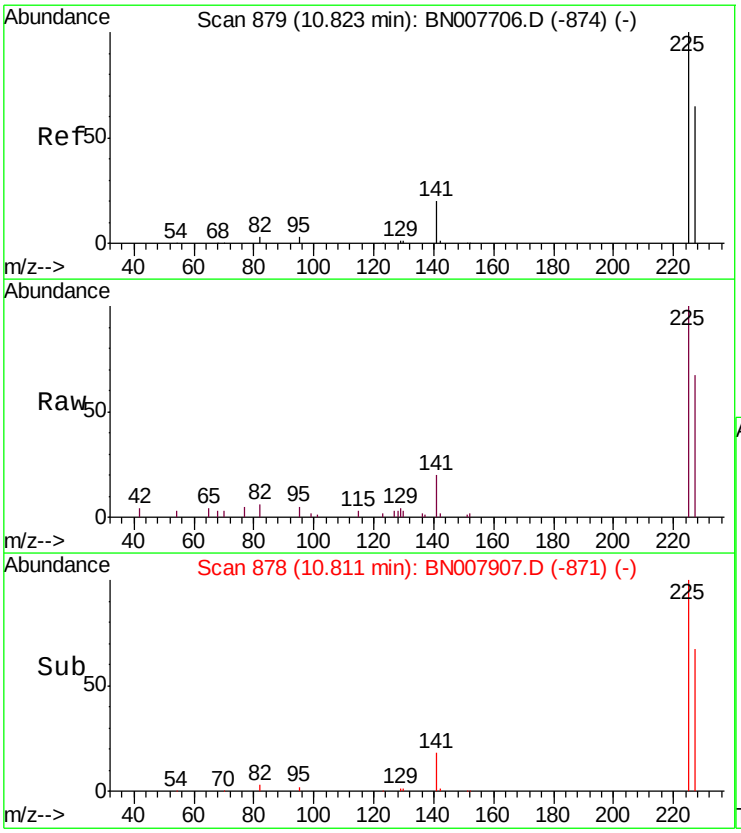
#9
Naphthalene
Concen: 0.426 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 35985

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.5	10.6	15.8

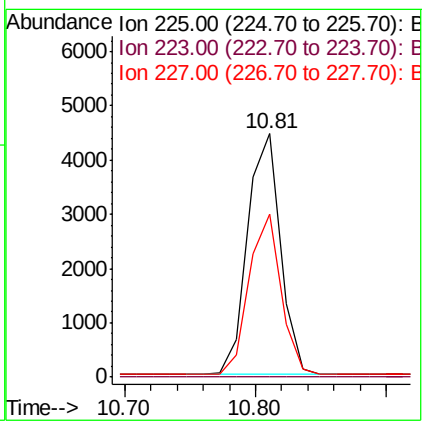


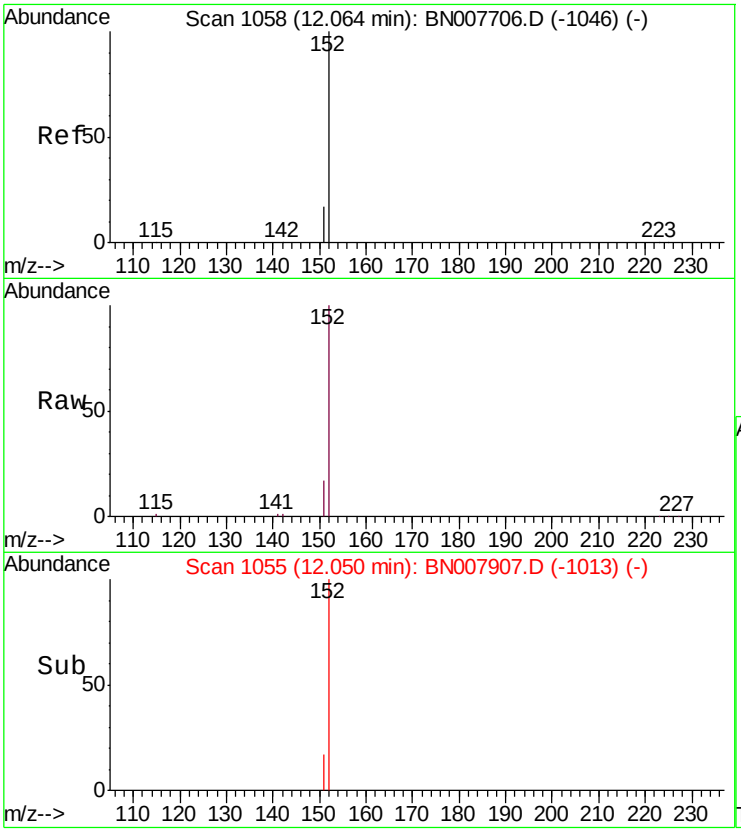


#10
Hexachlorobutadiene
Concen: 0.435 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:225 Resp: 7741

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	51.2	76.8



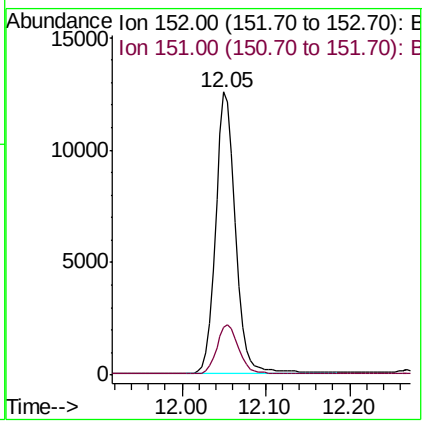


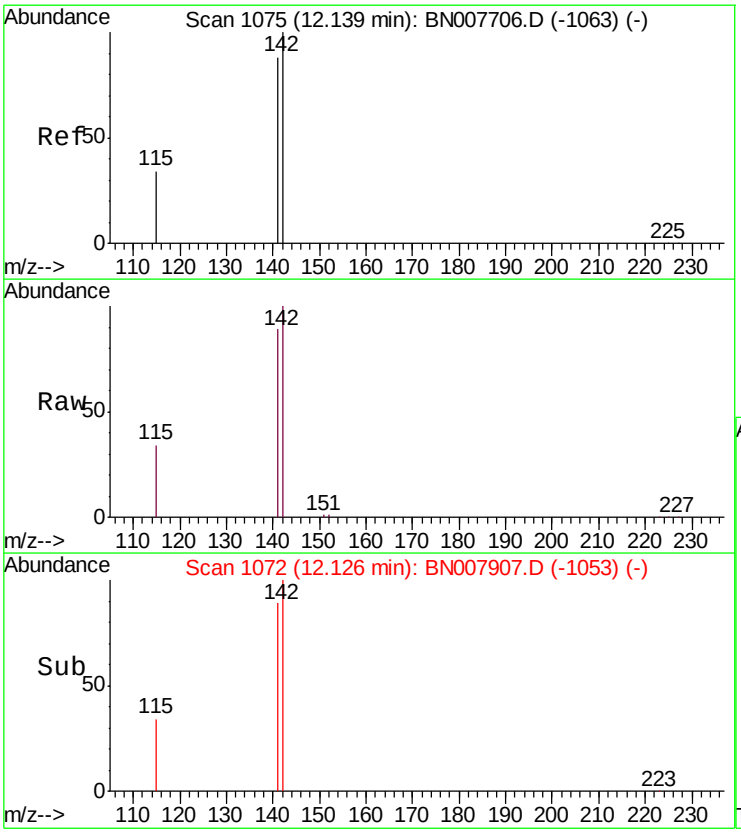
#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 20744

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

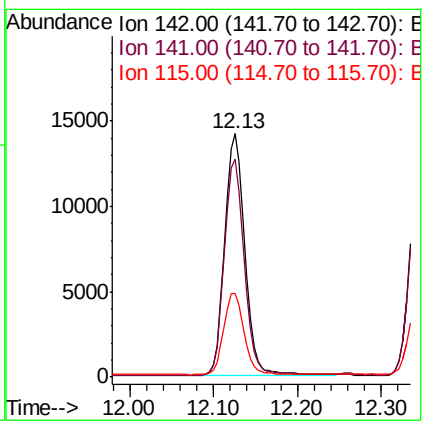


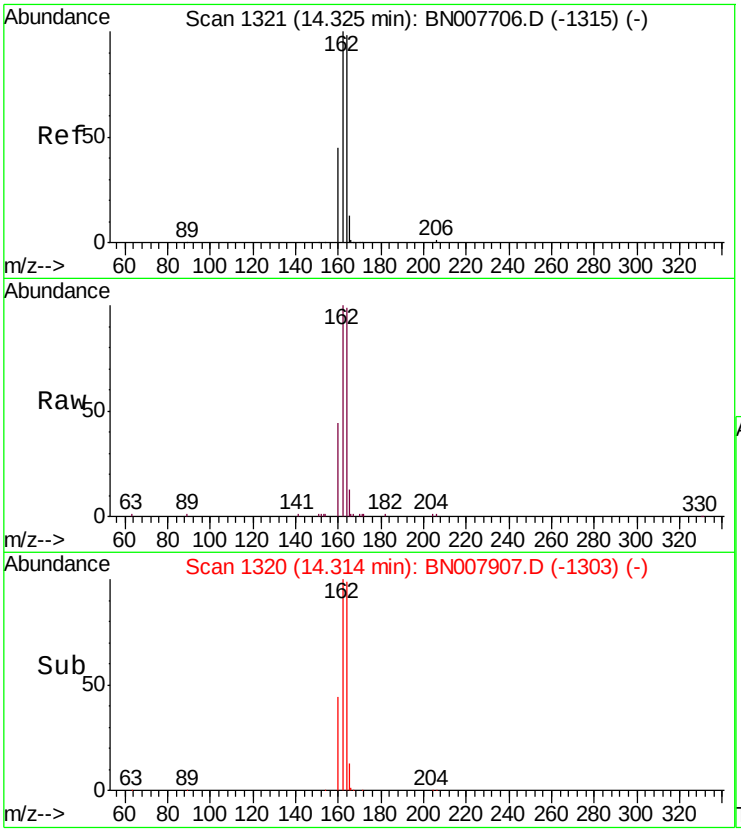


#12
2-Methylnaphthalene
Concen: 0.411 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:142 Resp: 23424

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.6	106.0
115	34.5	28.3	42.5



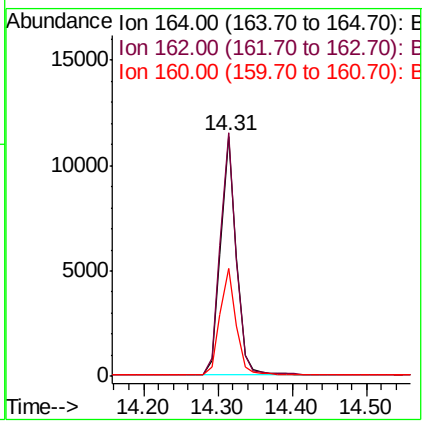


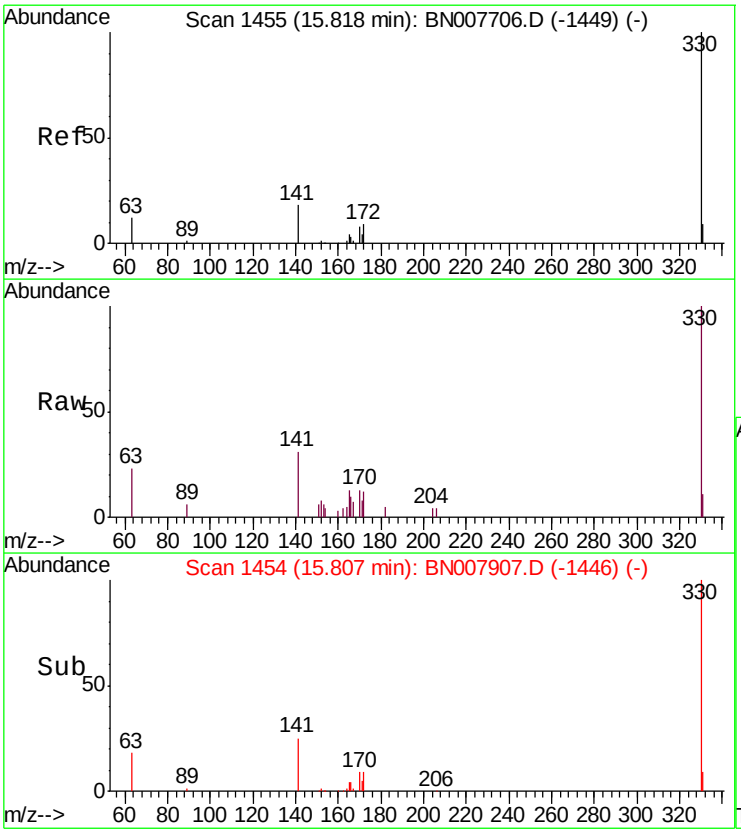
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 16702

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.7	122.5
160	45.0	37.0	55.4

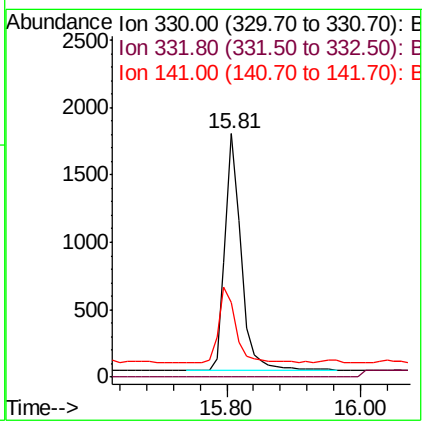


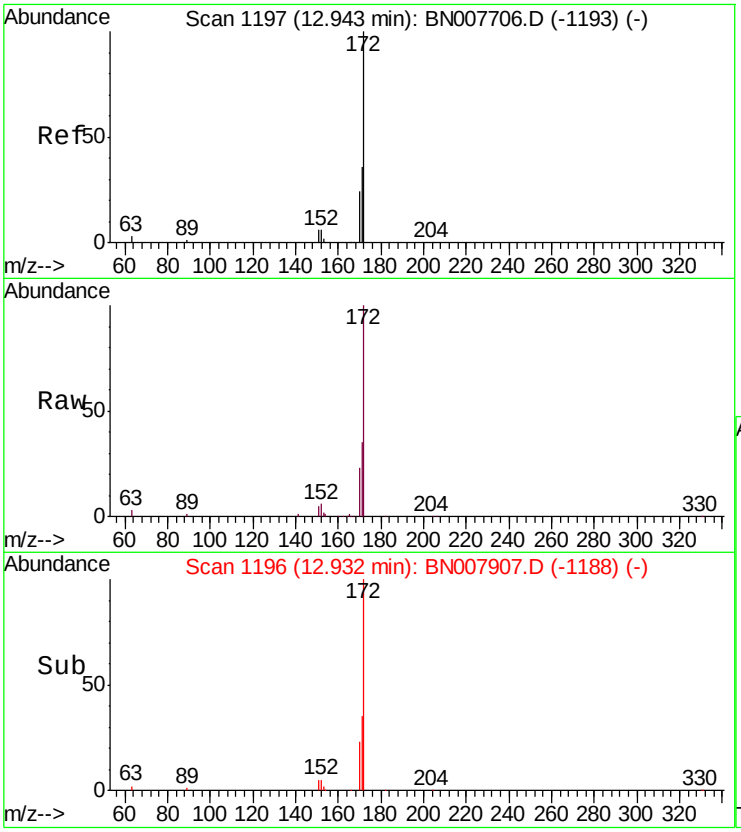


#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:330 Resp: 2991

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.2	28.7	43.1



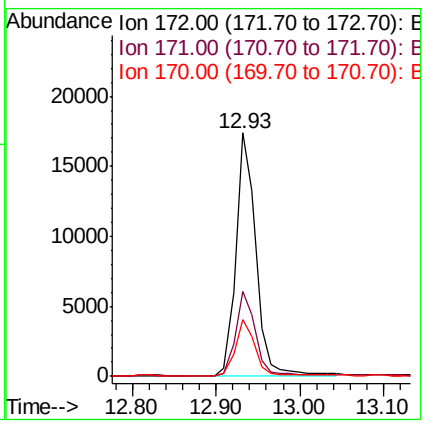


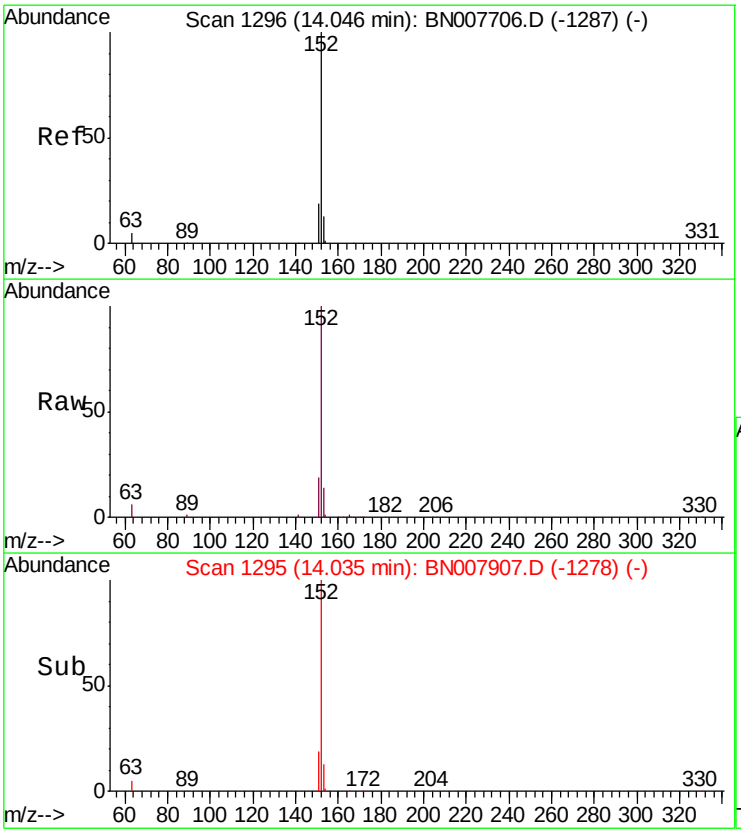
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 28470

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.4	19.5	29.3

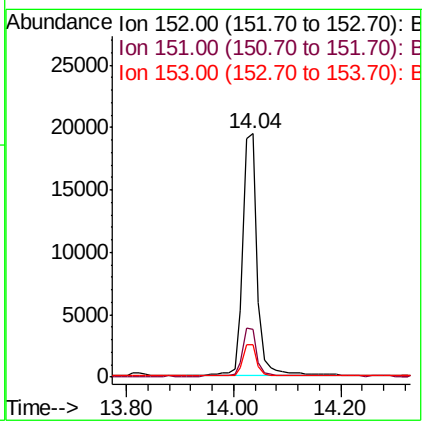


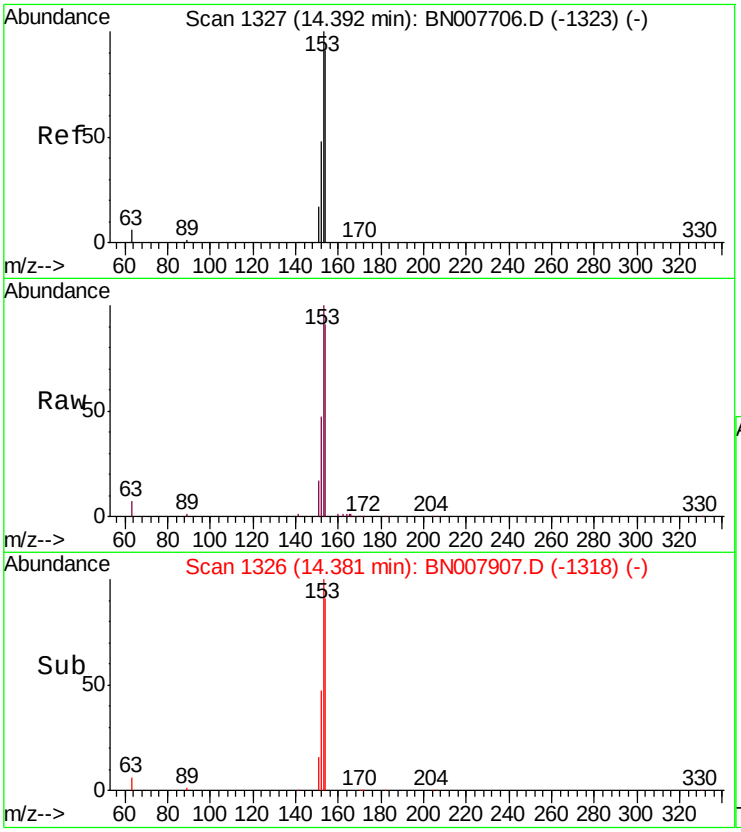


#16
Acenaphthylene
Concen: 0.410 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:152 Resp: 36315

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



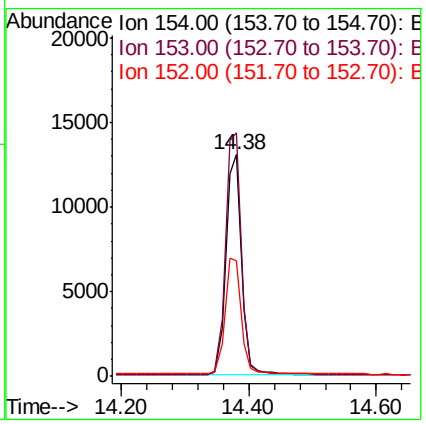


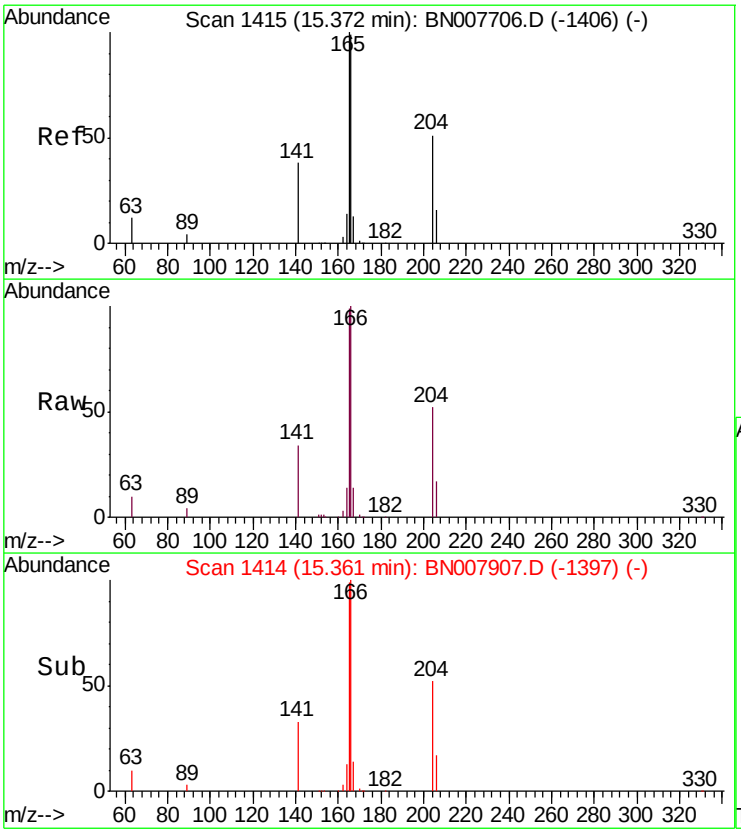
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 21963

Ion	Ratio	Lower	Upper
154	100		
153	113.0	87.0	130.4
152	54.7	42.7	64.1

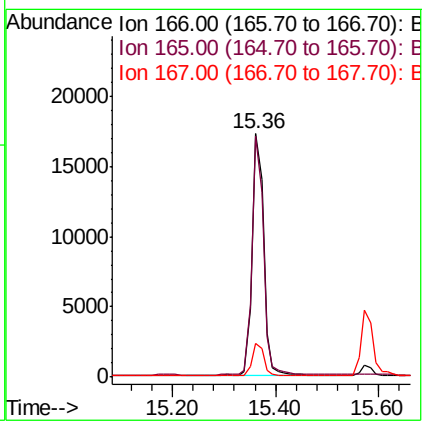


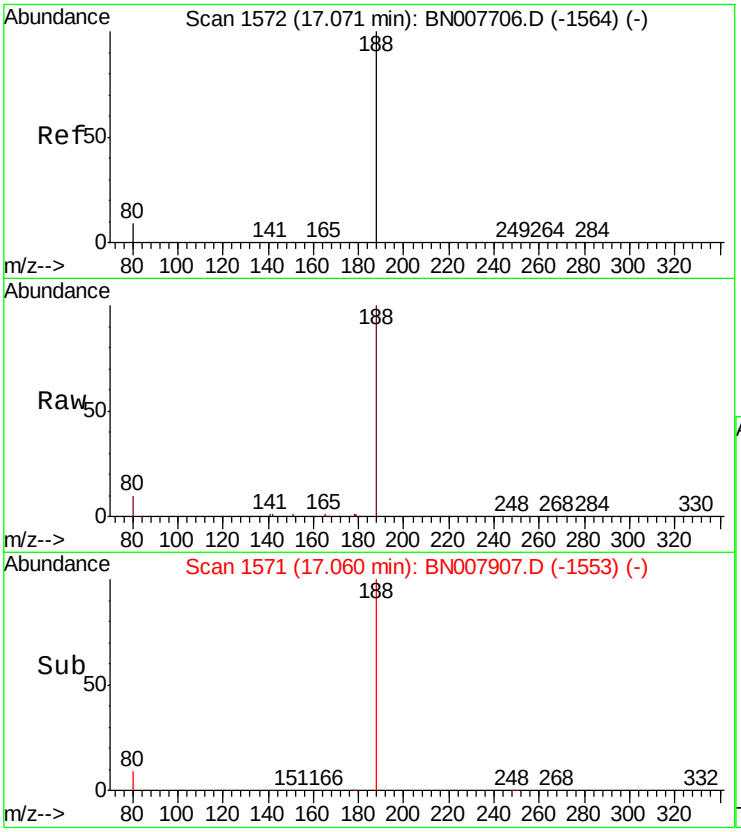


#18
Fluorene
Concen: 0.377 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:166 Resp: 27607

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.0	117.0
167	13.8	10.9	16.3



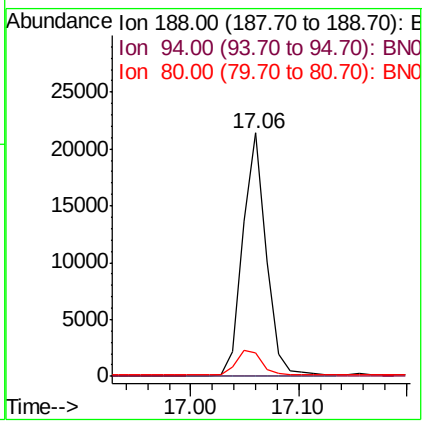


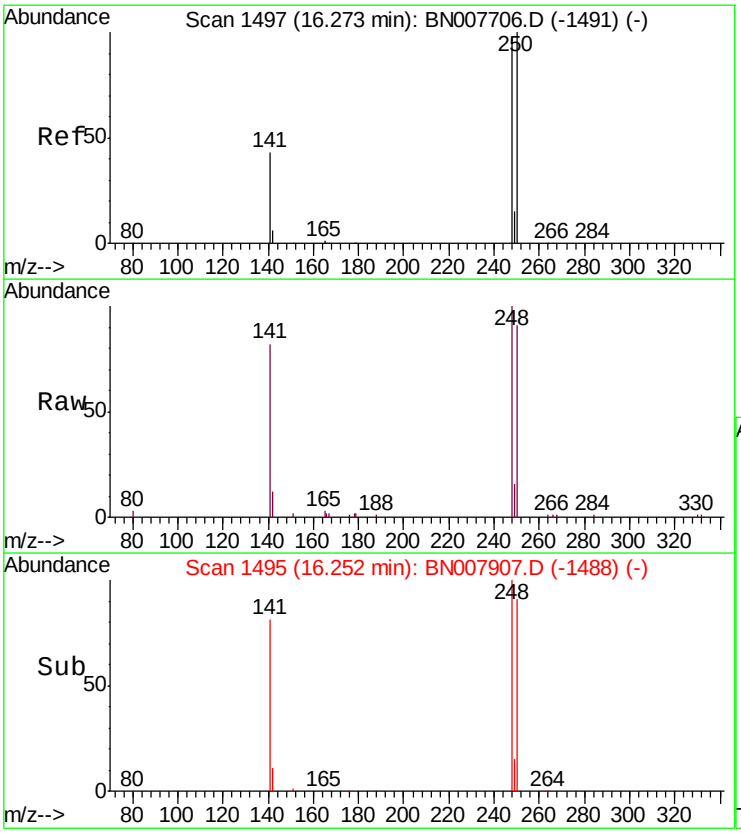
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 32007

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.4	11.2

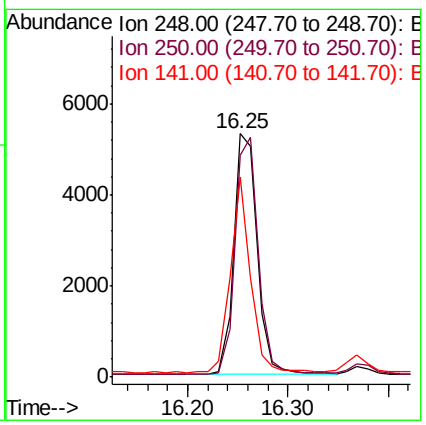


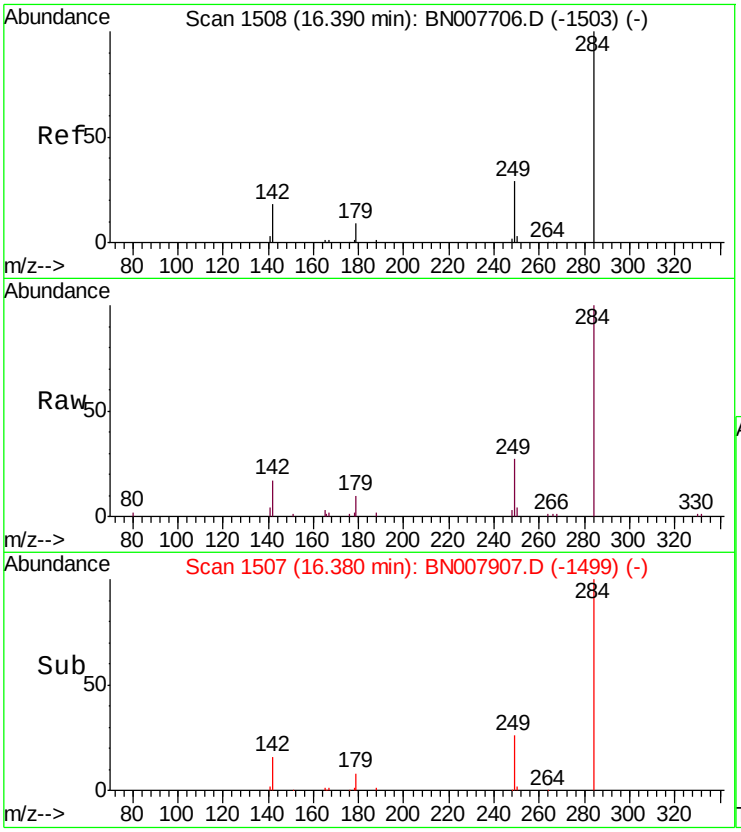


#20
4-Bromophenyl-phenylether
Concen: 0.445 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:248 Resp: 8643

Ion	Ratio	Lower	Upper
248	100		
250	91.0	82.2	123.4
141	82.0	36.3	54.5#



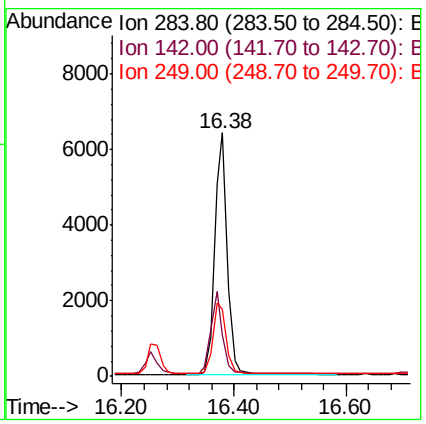


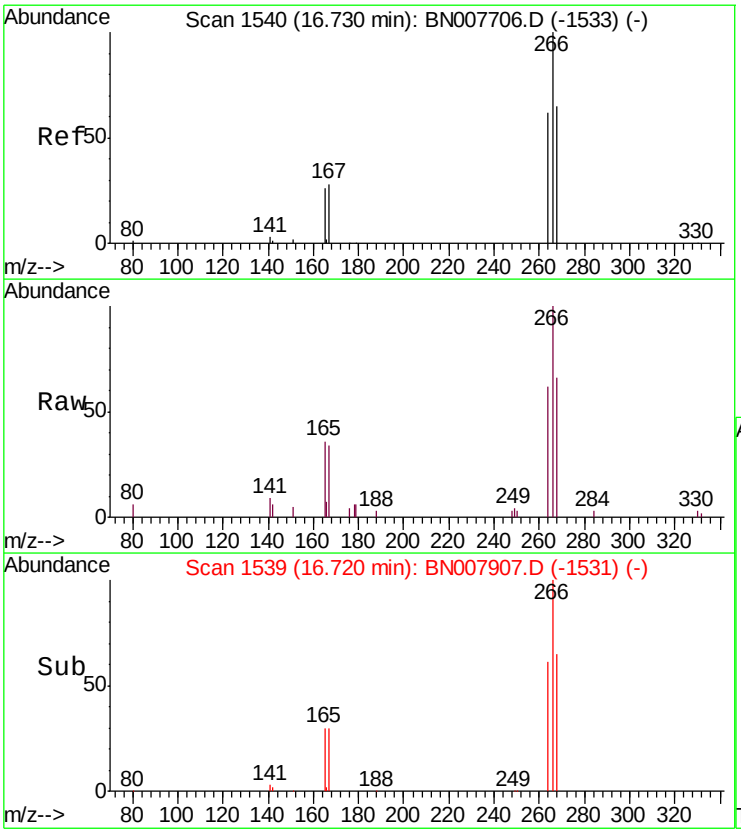
#21
Hexachlorobenzene
Concen: 0.459 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 9746

Ion	Ratio	Lower	Upper
284	100		
142	31.1	25.8	38.6
249	30.7	25.9	38.9

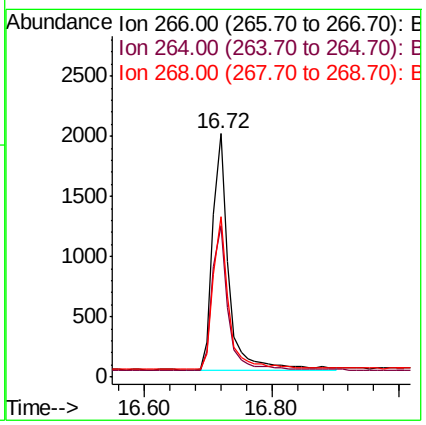


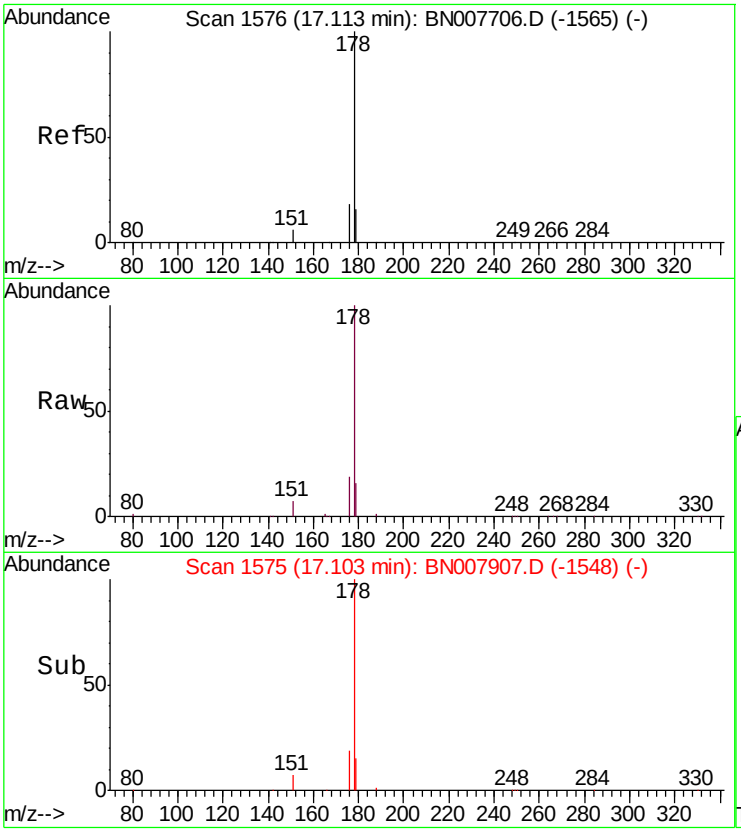


#22
Pentachlorophenol
Concen: 0.434 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:266 Resp: 3402

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.0	75.0
268	66.0	54.2	81.4



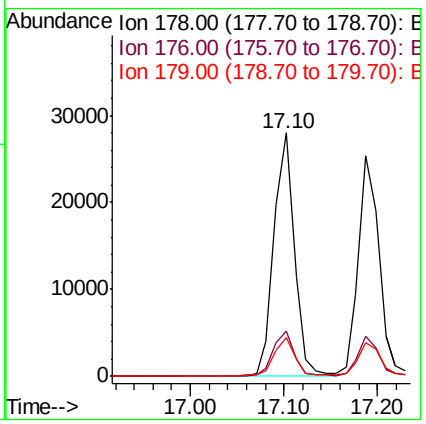


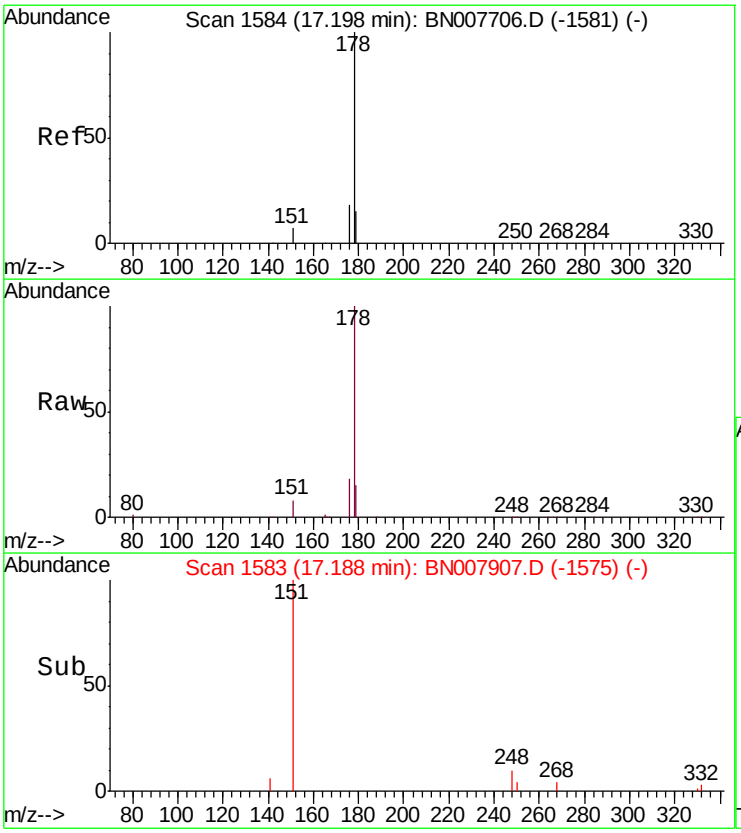
#23
Phenanthrene
Concen: 0.422 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 42054

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	12.5	18.7

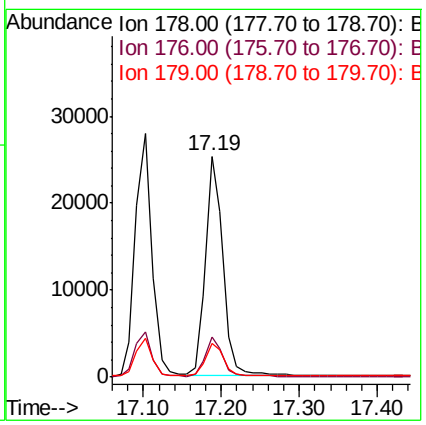


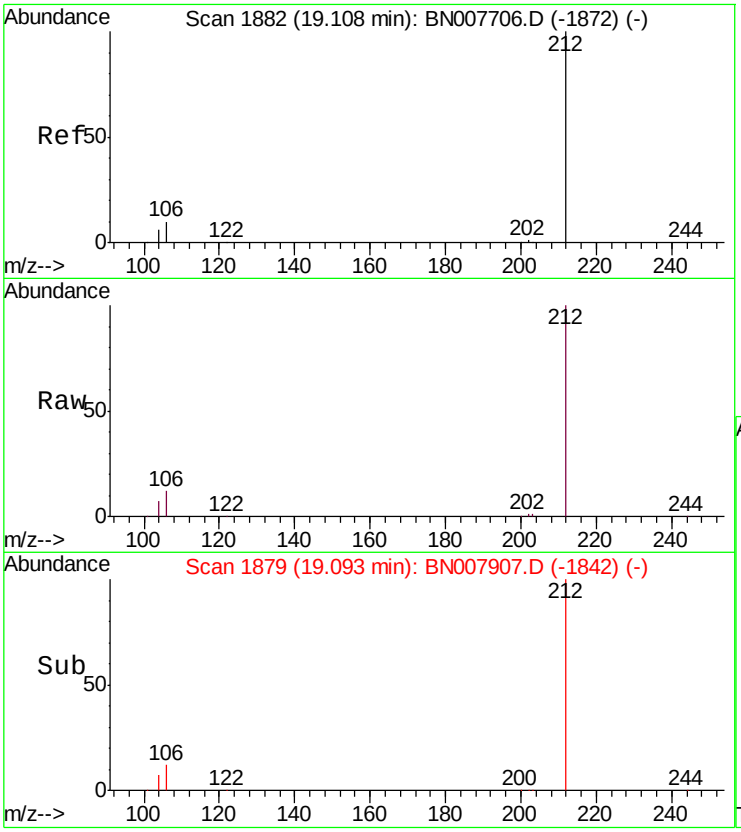


#24
Anthracene
Concen: 0.433 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:178 Resp: 39000

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	14.8	12.2	18.4



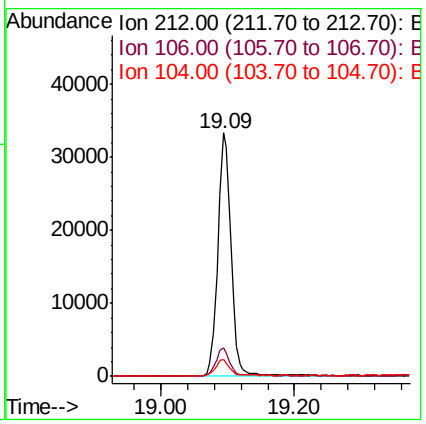


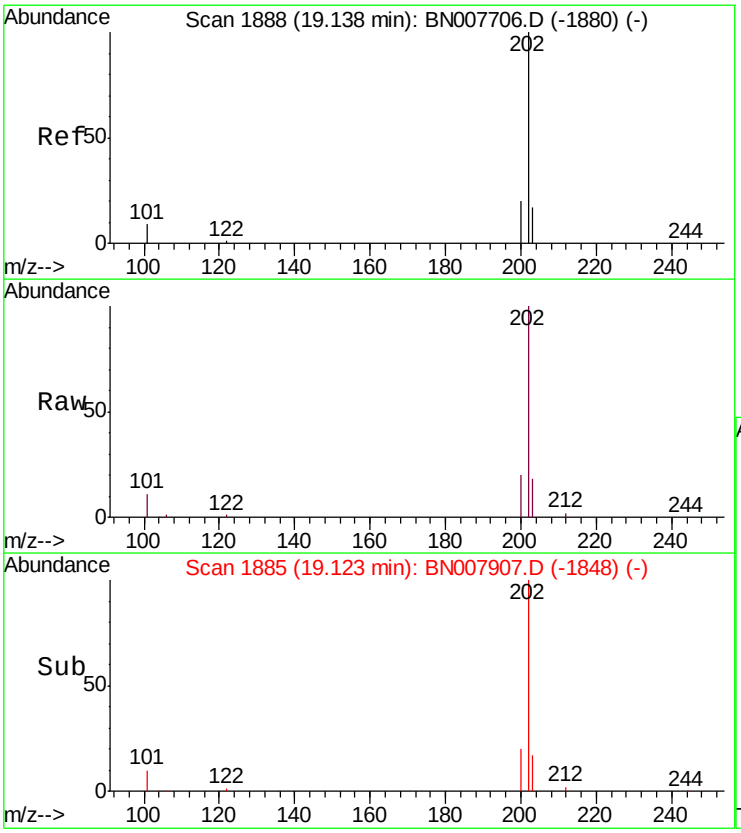
#25
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 45383

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.4	14.0
104	6.6	5.3	7.9

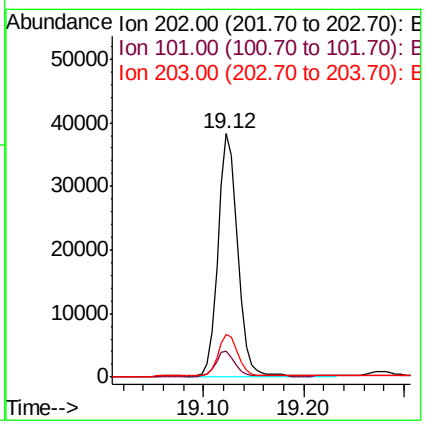


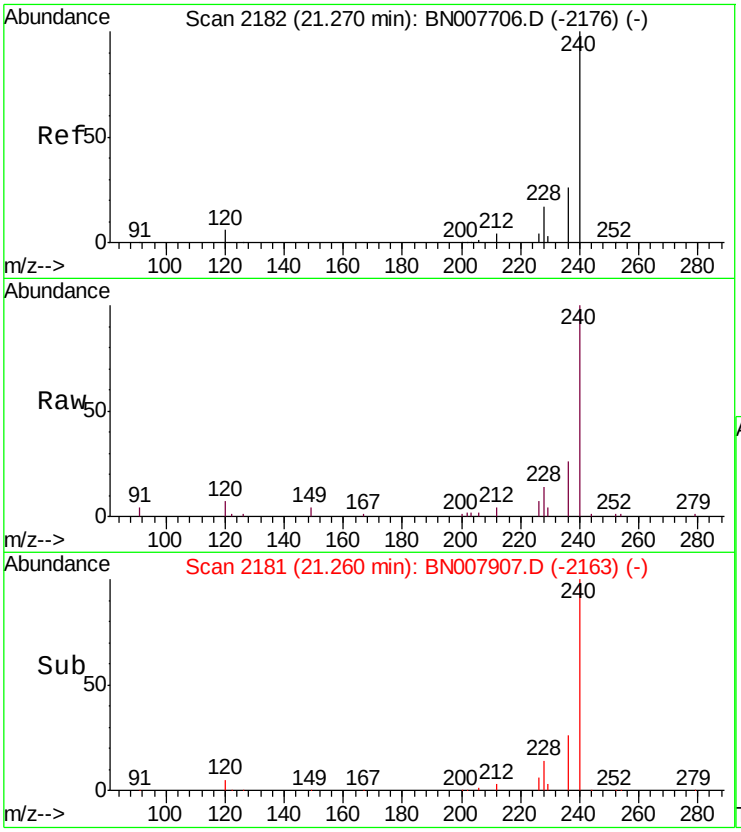


#26
Fluoranthene
Concen: 0.420 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:202 Resp: 52055

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
203	17.2	13.8	20.8



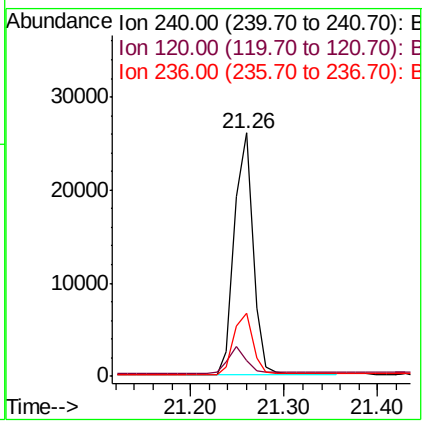


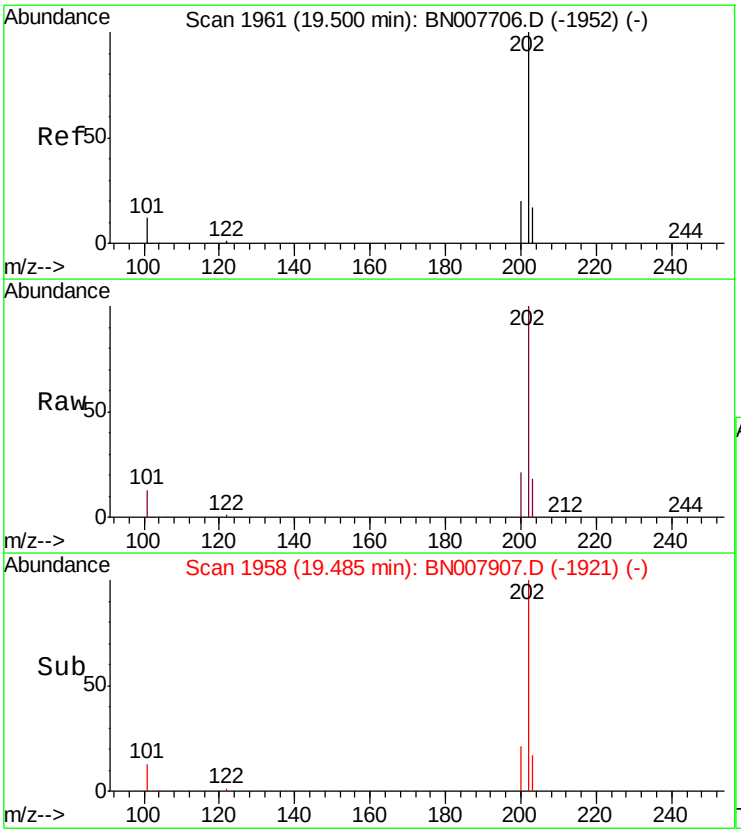
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 36127

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.4	8.2
236	26.2	21.0	31.4

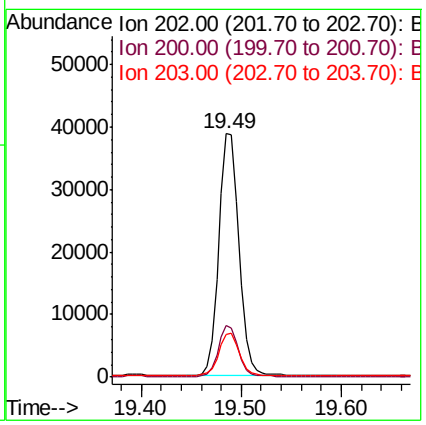


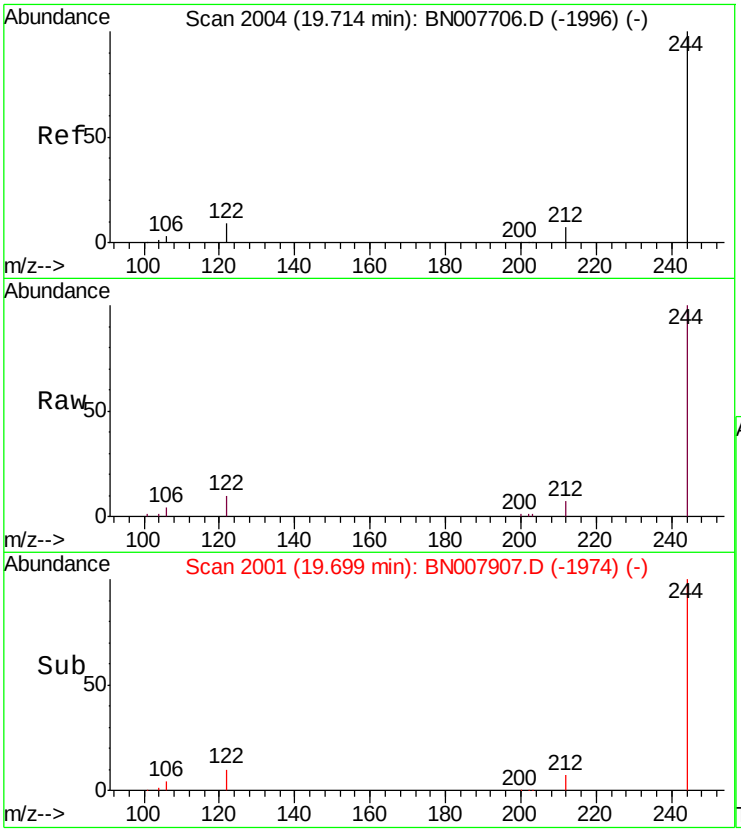


#28
Pyrene
Concen: 0.442 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:202 Resp: 54415

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.7	14.1	21.1



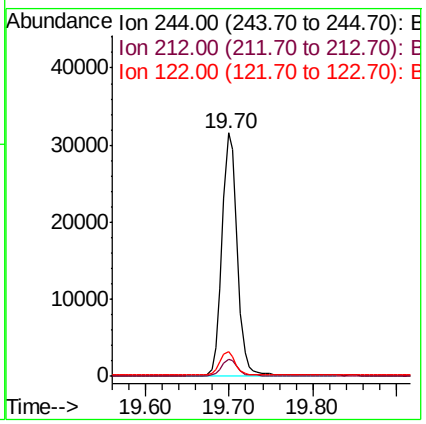


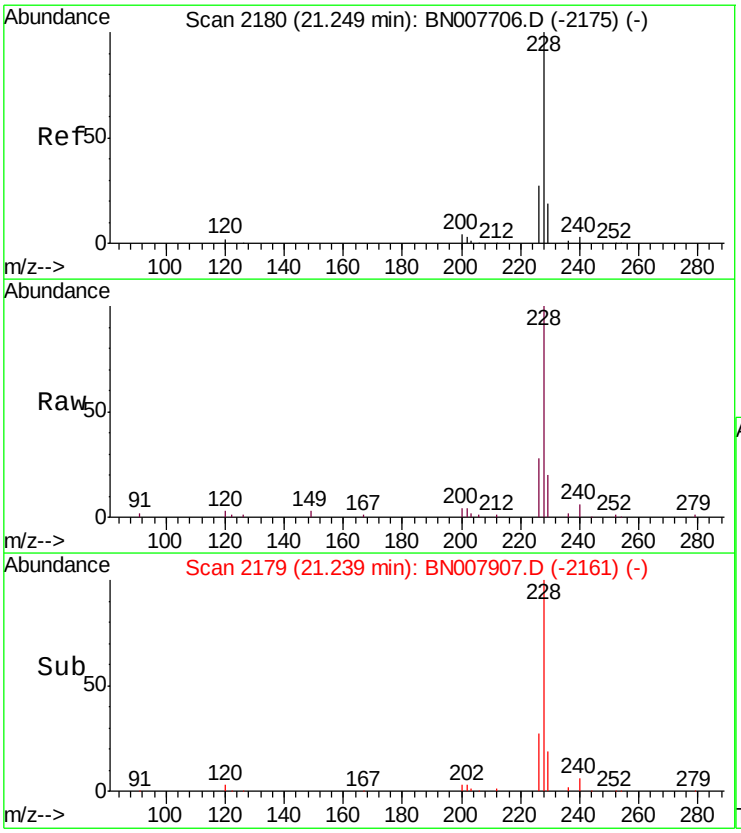
#29
Terphenyl-d14
Concen: 0.452 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 40119

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.3	7.4	11.2

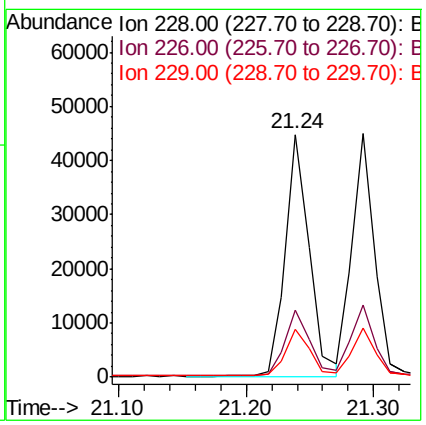


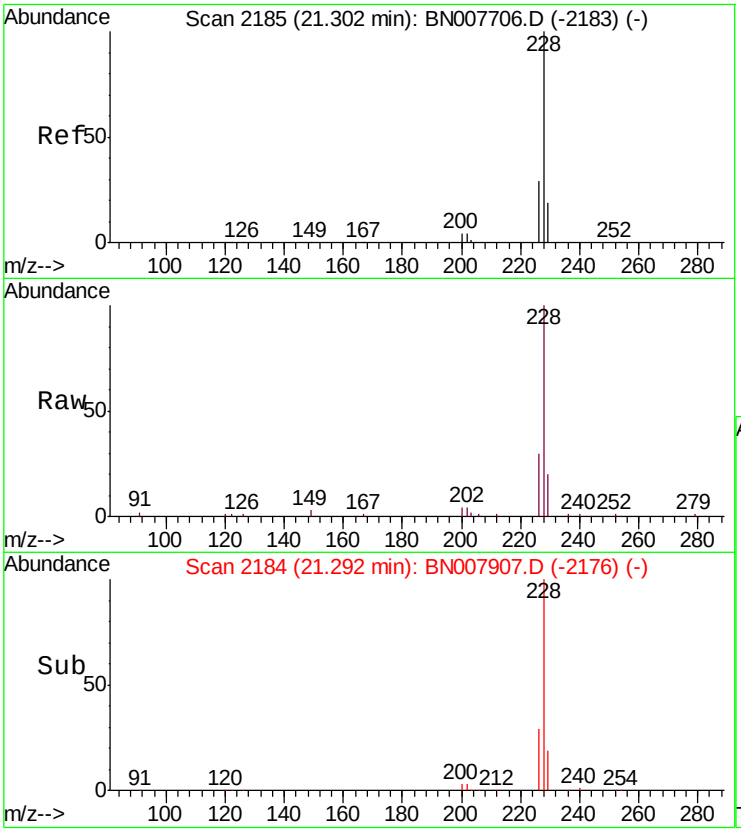


#30
Benzo(a)anthracene
Concen: 0.430 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:228 Resp: 57209

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	19.9	15.8	23.6



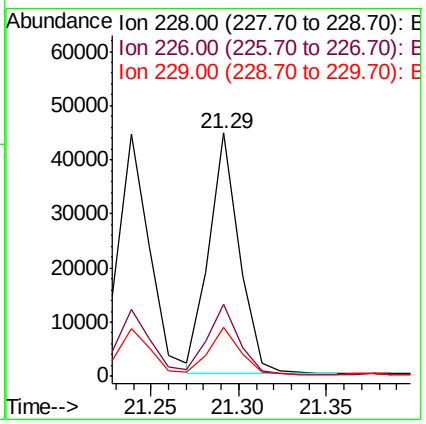


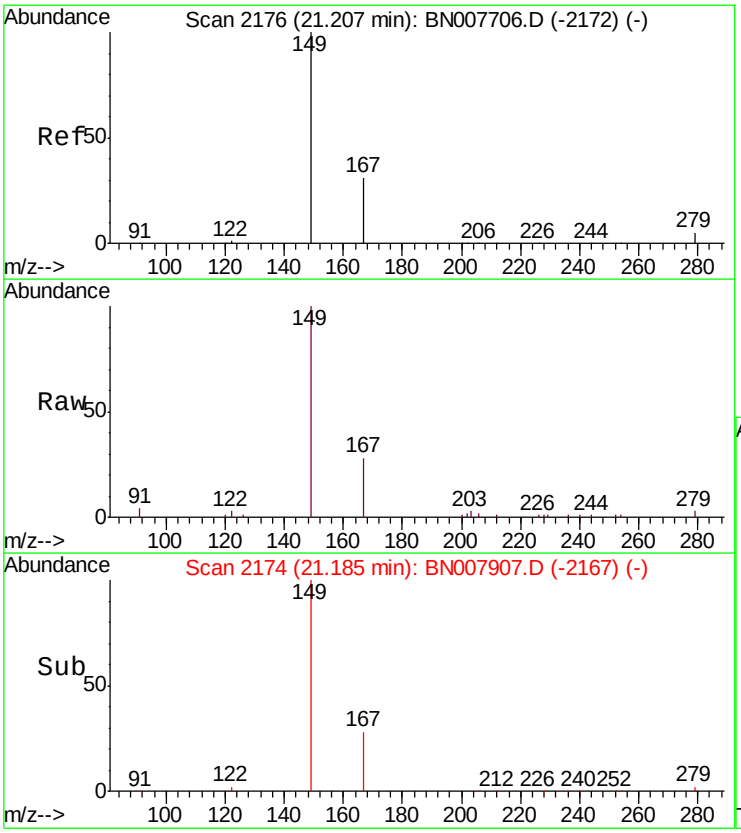
#31
Chrysene
Concen: 0.414 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 53660

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	20.0	15.8	23.6

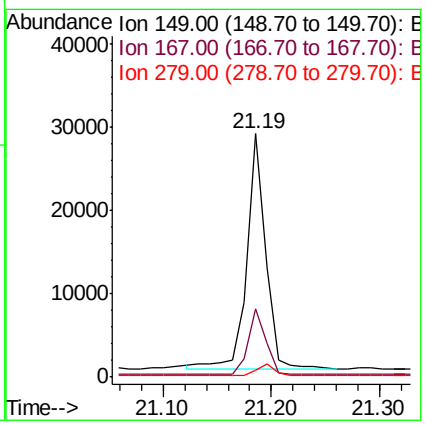


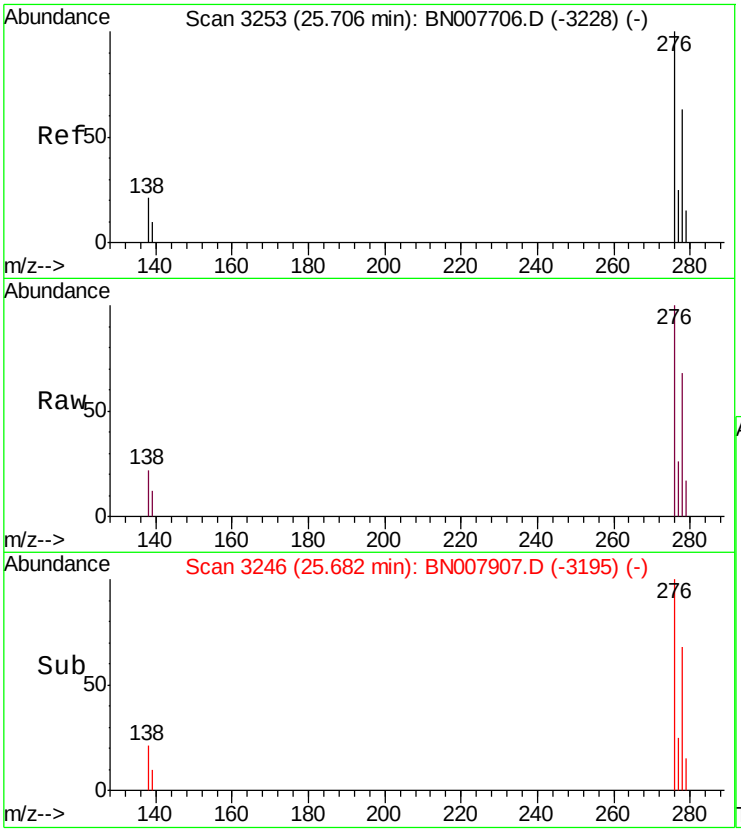


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.495 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:149 Resp: 33852

Ion	Ratio	Lower	Upper
149	100		
167	26.5	23.7	35.5
279	4.6	4.2	6.2



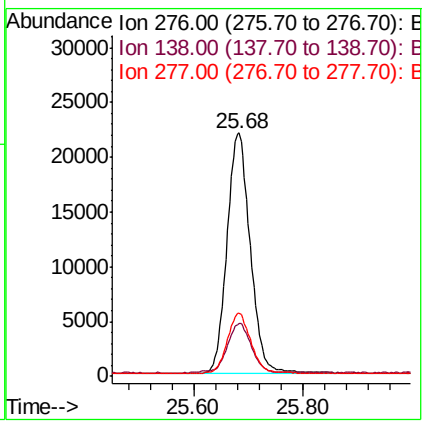


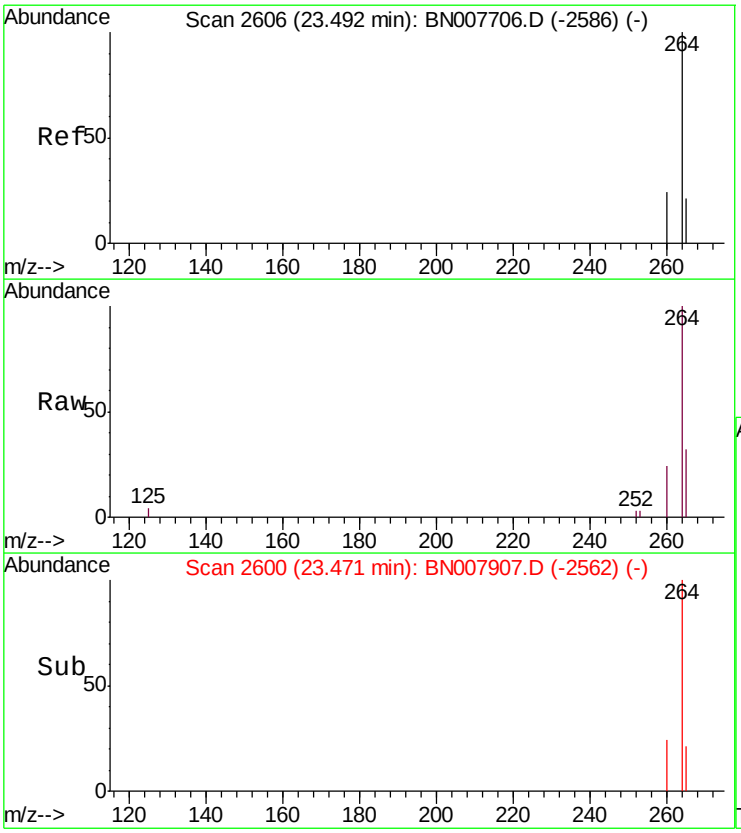
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.02 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 65050

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.1	25.7
277	24.8	20.0	30.0

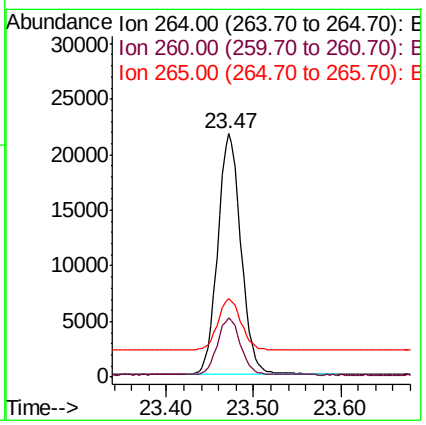


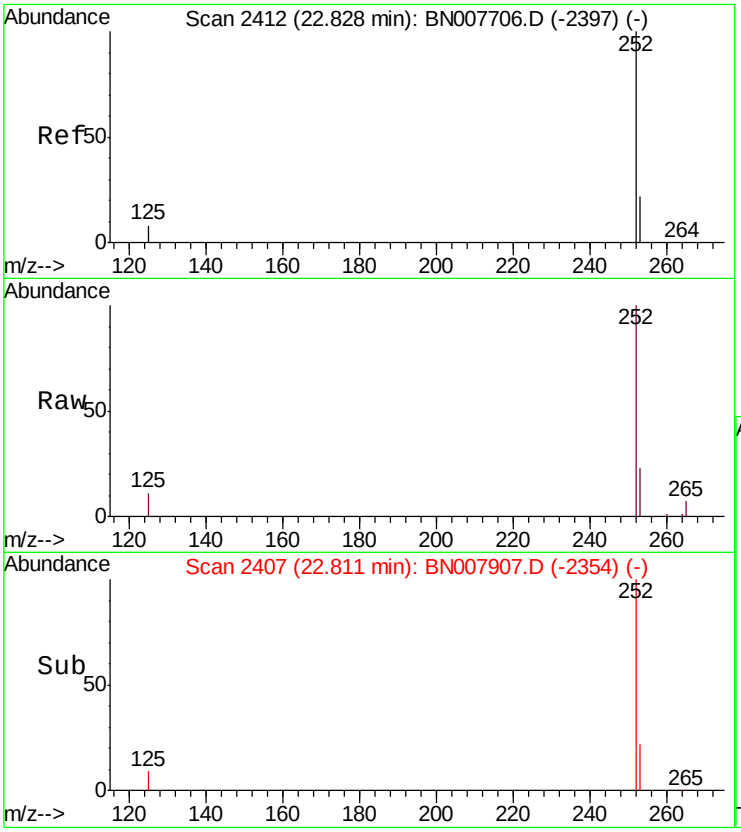


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:264 Resp: 40044

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	32.1	26.9	40.3



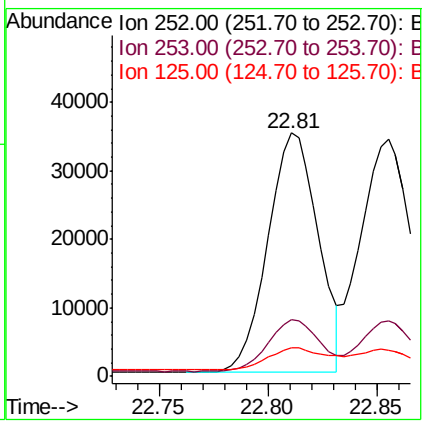


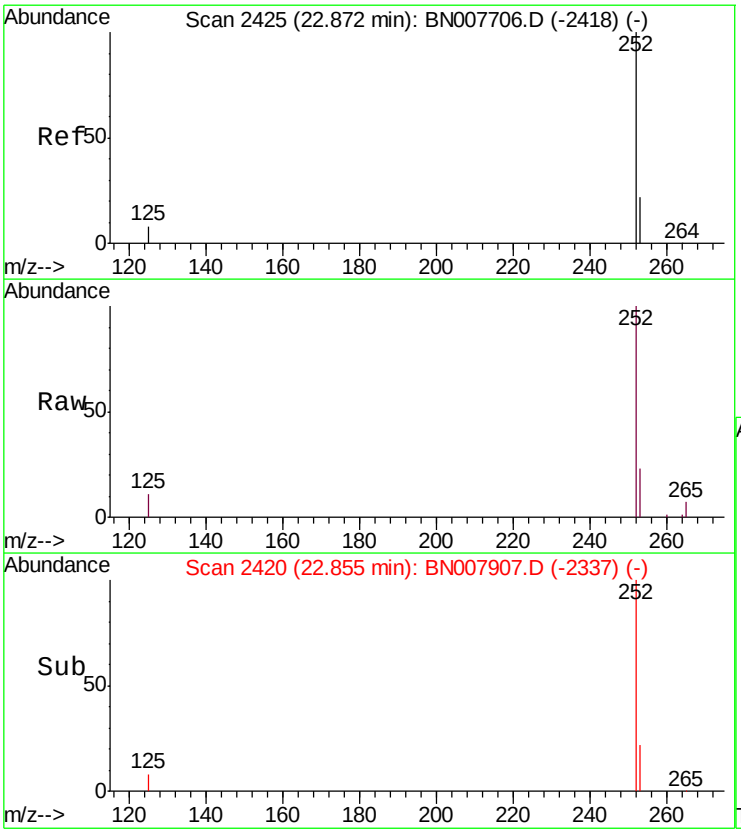
#35
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 56281

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	11.5	8.2	12.4

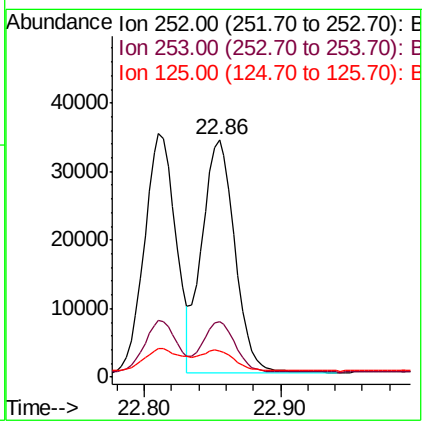


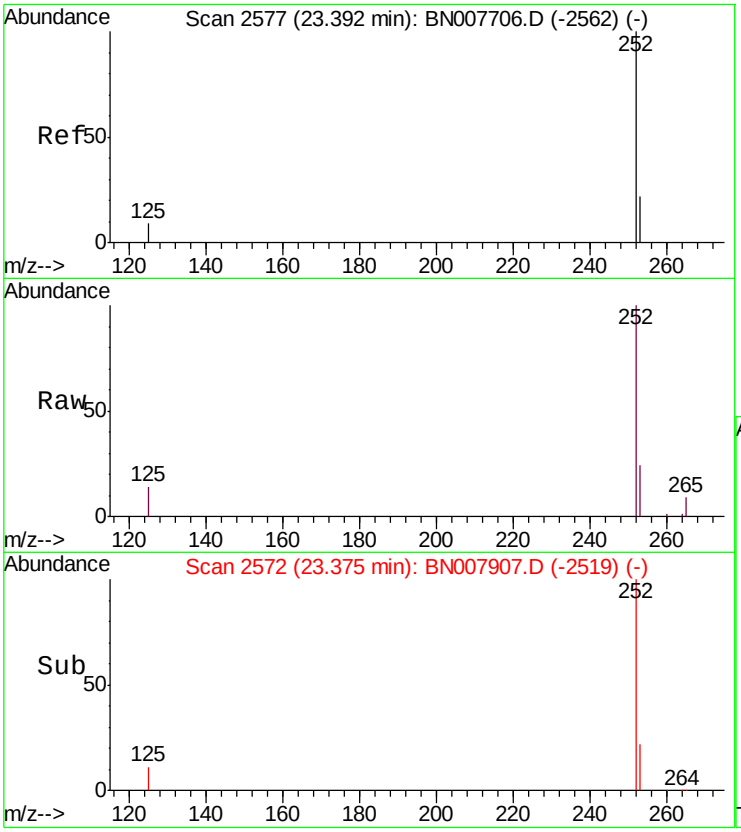


#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 22.86 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:252 Resp: 56924

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	11.2	8.4	12.6



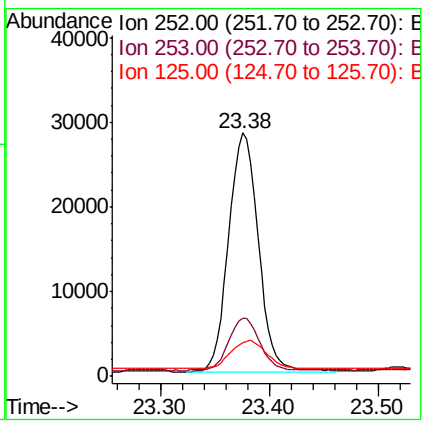


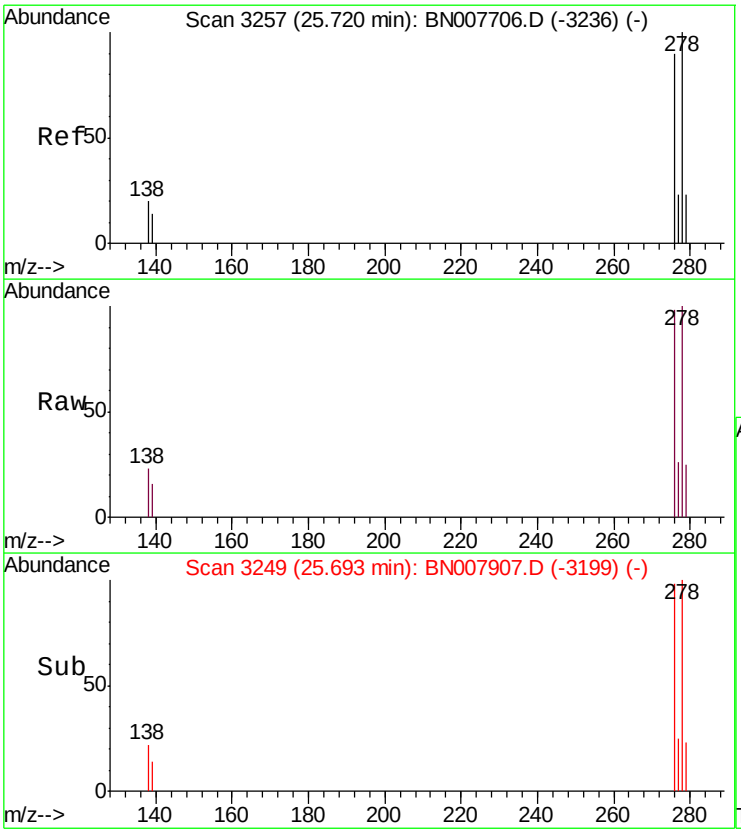
#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.02 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 53425

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	27.8
125	13.9	9.4	14.0

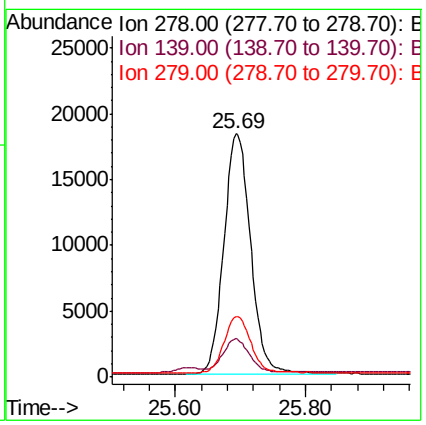


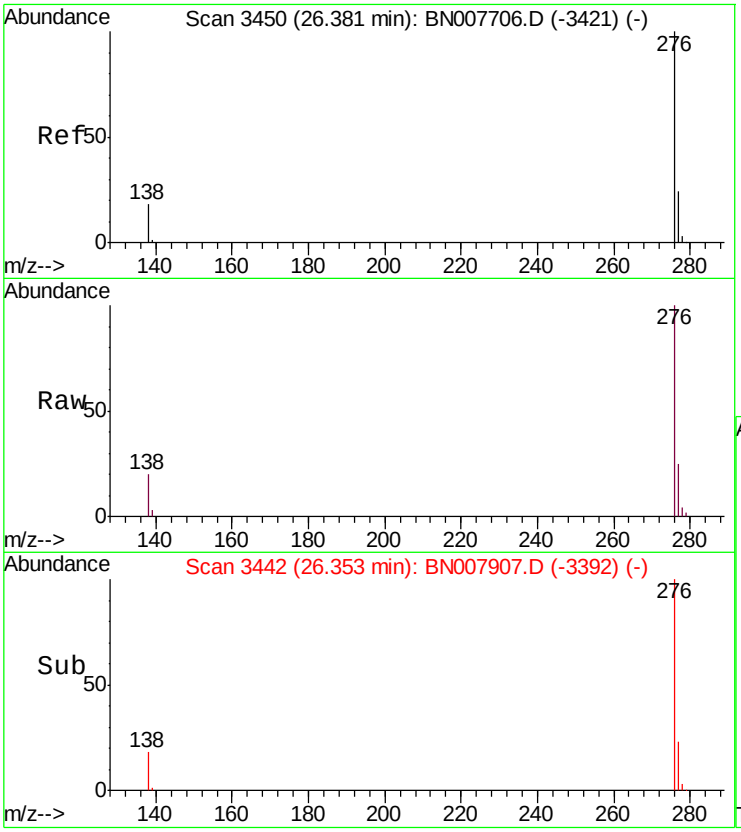


#38
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 25.69 min Scan# 3249
Delta R.T. -0.03 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Tgt Ion:278 Resp: 52604

Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.8	17.6
279	24.9	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 26.35 min Scan# 3442
Delta R.T. -0.03 min
Lab File: BN007907.D
Acq: 30 Sep 2019 21:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 53294

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.8
138	20.0	15.1	22.7