Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007263.D
Acq On : 20 Aug 2019 13:44
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Aug 20 18:03:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 17:50:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5031	0.40	ng		0.00
7) Naphthalene-d8	10.17	136	18389	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	10149	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	23974	0.40	ng		0.00
27) Chrysene-d12	21.02	240	23816	0.40	ng		0.00
34) Perylene-d12	23.14	264	26111	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	5705	0.51	ng		0.00
5) Phenol-d6	6.60	99	6786	0.44	ng		0.00
8) Nitrobenzene-d5	8.55	82	6030	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	12789	0.47	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	2149	0.45	ng		0.00
15) 2-Fluorobiphenyl	12.71	172	203	0.01	ng		0.04
25) Fluoranthene-d10	18.85	212	31215	0.43	ng		0.00
29) Terphenyl-d14	19.47	244	24961	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2741	0.332	ng		96
3) n-Nitrosodimethylamine	3.33	42	1839	0.287	ng	#	98
6) bis(2-Chloroethyl)ether	6.85	93	6106	0.357	ng		99
9) Naphthalene	10.22	128	21338	0.433	ng		99
10) Hexachlorobutadiene	10.52	225	4718	0.442	ng	#	98
12) 2-Methylnaphthalene	11.84	142	14667	0.466	ng		99
16) Acenaphthylene	13.77	152	21492	0.448	ng		99
17) Acenaphthene	14.12	154	14074	0.437	ng		99
18) Fluorene	15.11	166	18317	0.460	ng		100
20) 4-Bromophenyl-phenylether	16.02	248	6257	0.461	ng		95
21) Hexachlorobenzene	16.12	284	6587	0.373	ng		99
22) Pentachlorophenol	16.47	266	2545	1.093	ng		99
23) Phenanthrene	16.85	178	30776	0.463	ng		100
24) Anthracene	16.94	178	27009	0.469	ng		99
26) Fluoranthene	18.88	202	36839	0.442	ng		100
28) Pyrene	19.25	202	37281	0.450	ng		100
30) Benzo(a)anthracene	21.01	228	35636	0.486	ng		98
31) Chrysene	21.07	228	38440	0.467	ng		97
32) Bis(2-ethylhexyl)phthalate	20.98	149	13707	0.401	ng		100
33) Indeno(1,2,3-cd)pyrene	25.21	276	44907	0.446	ng		100
35) Benzo(b)fluoranthene	22.52	252	39627	0.483	ng		100
36) Benzo(k)fluoranthene	22.56	252	38653	0.420	ng		100
37) Benzo(a)pyrene	23.05	252	36005	0.453	ng		99
38) Dibenzo(a,h)anthracene	25.22	278	36626	0.457	ng		99
39) Benzo(g,h,i)perylene	25.83	276	37200	0.443	ng		100

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

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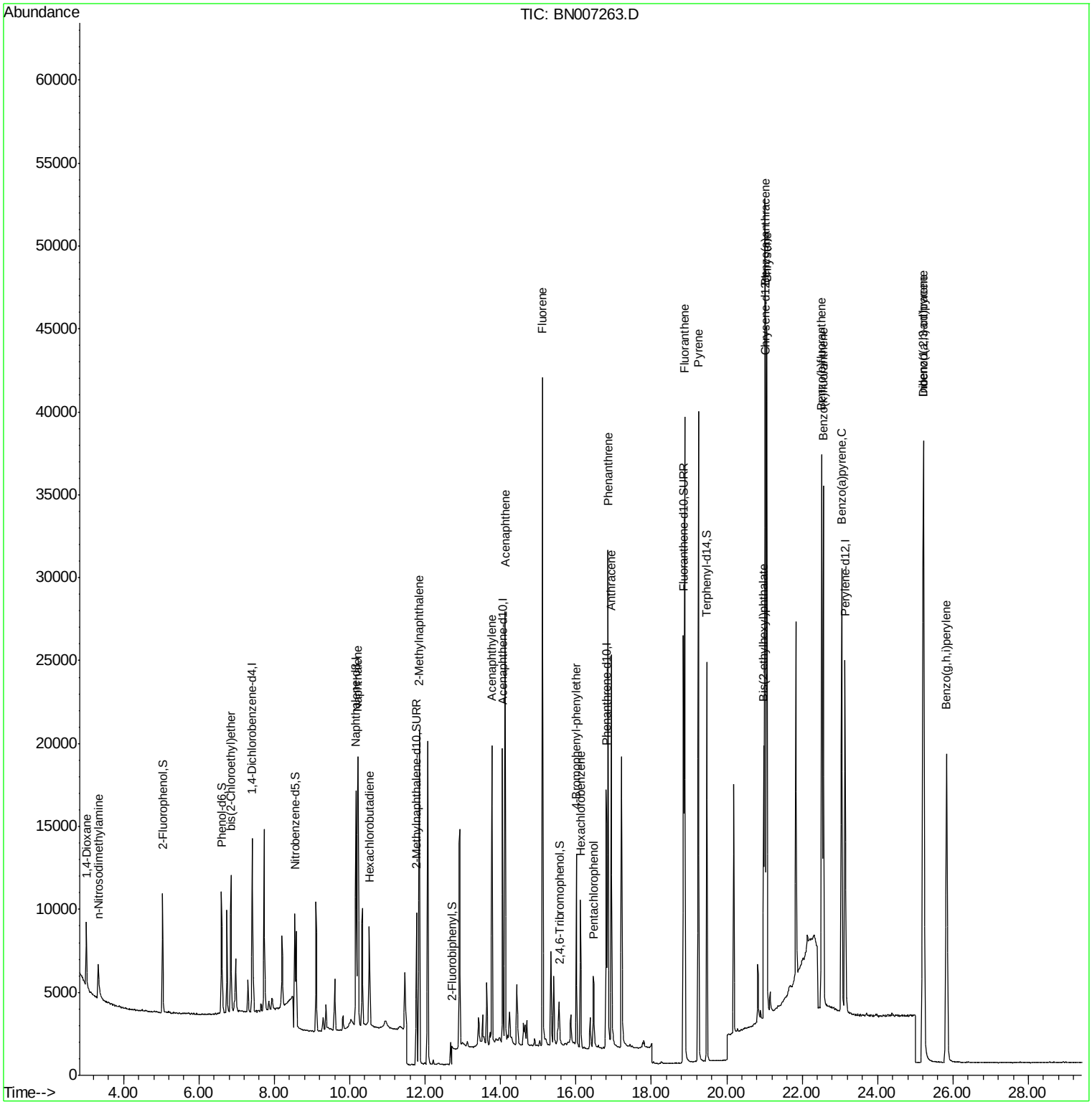
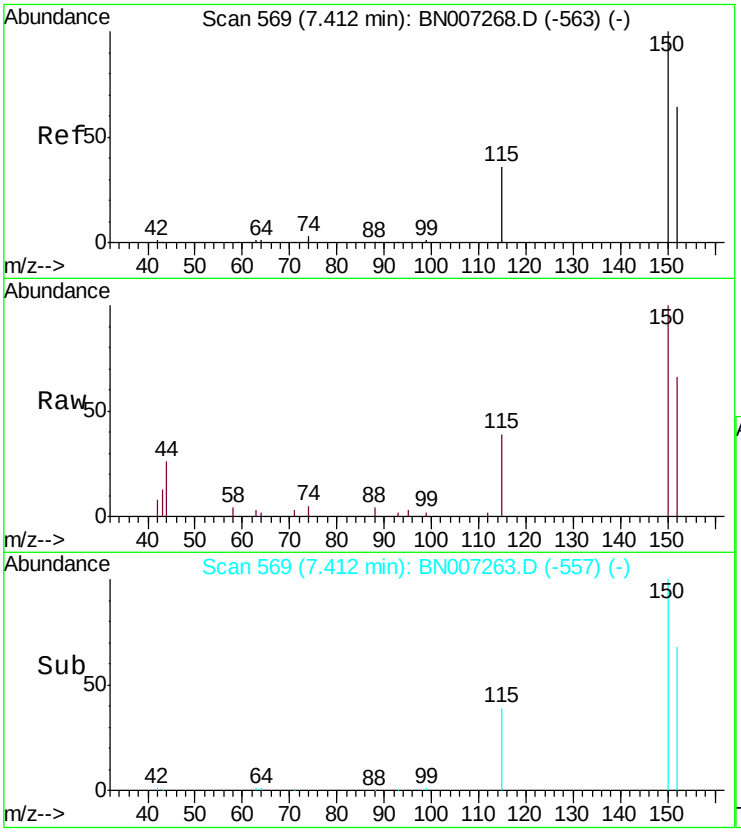
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 20 18:03:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 17:50:18 2019
Response via : Initial Calibration



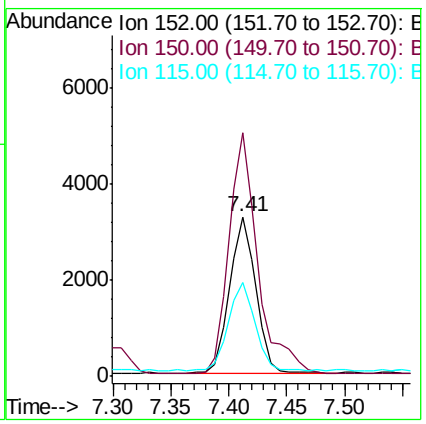


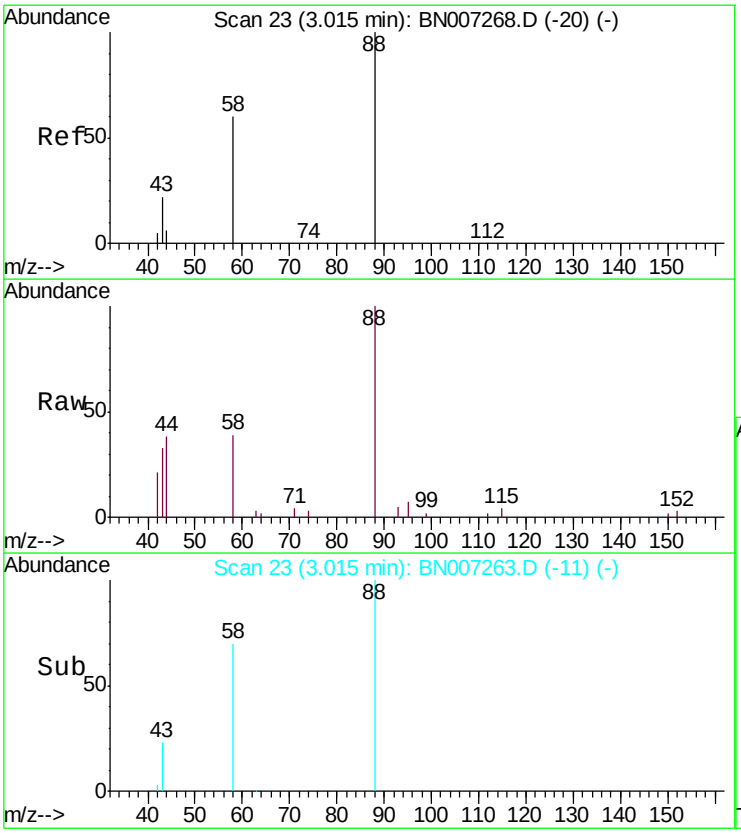
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 5031

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.8	185.8
115	59.1	47.3	70.9

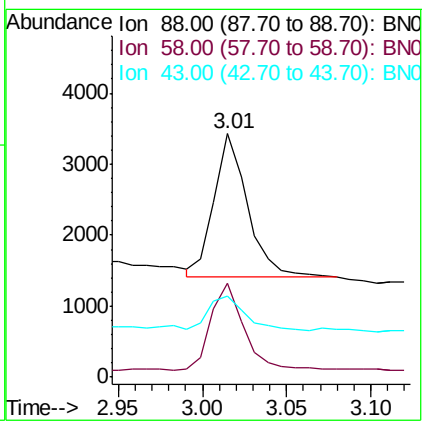


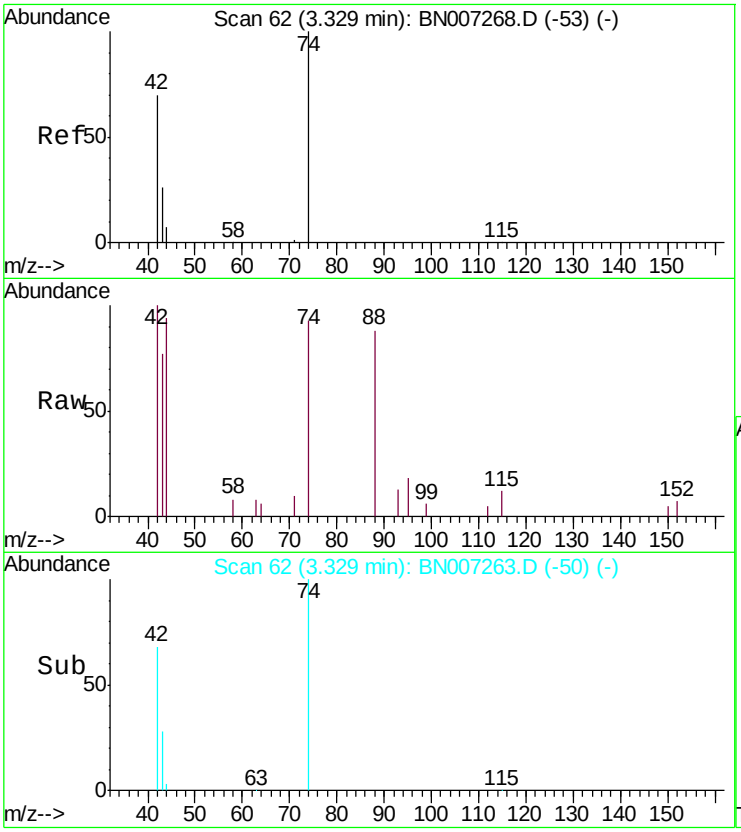


#2
1,4-Dioxane
Concen: 0.332 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion: 88 Resp: 2741

Ion	Ratio	Lower	Upper
88	100		
58	59.8	45.5	68.3
43	27.8	20.4	30.6



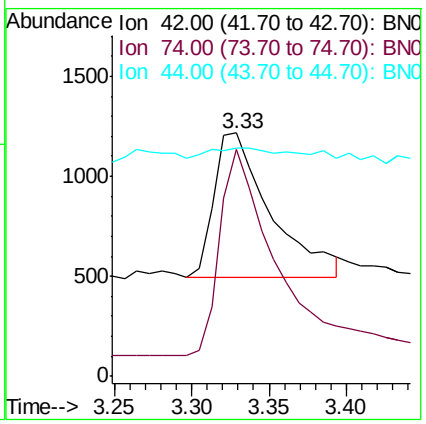


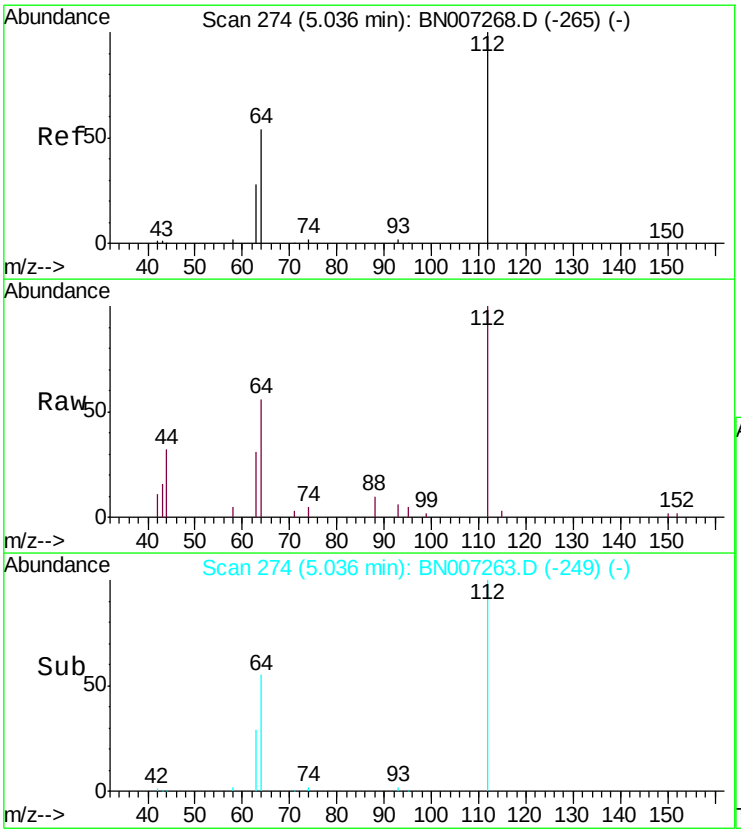
#3
n-Nitrosodimethylamine
Concen: 0.287 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1839

Ion	Ratio	Lower	Upper
42	100		
74	137.6	109.0	163.4
44	12.5	4.2	6.2#

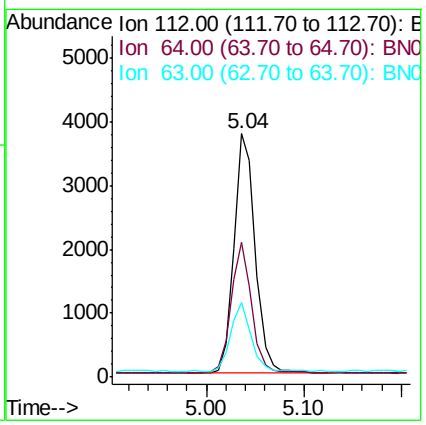


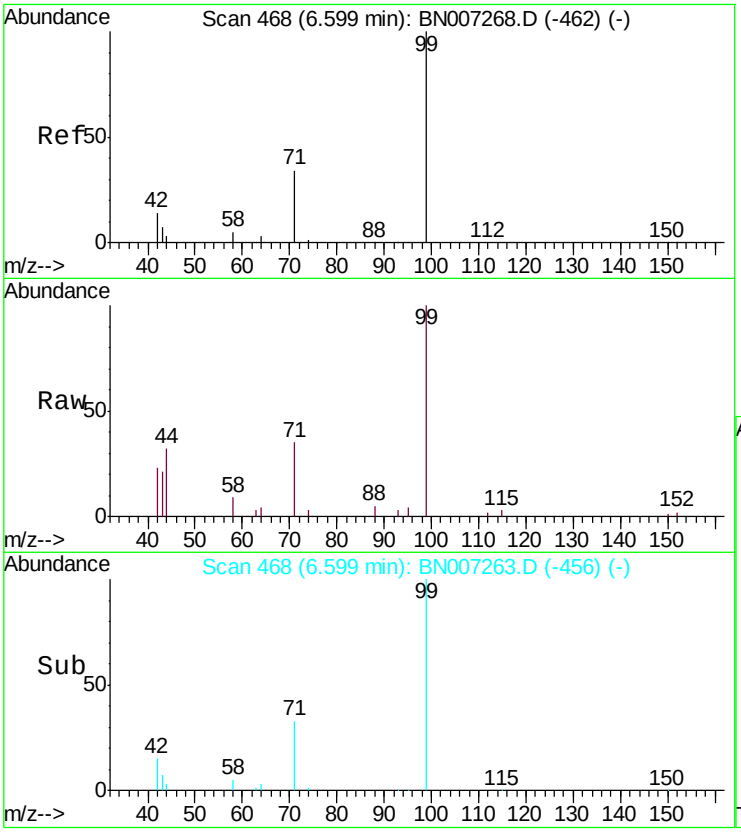


#4
2-Fluorophenol
Concen: 0.510 ng
RT: 5.04 min Scan# 274
Delta R.T. -0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:112 Resp: 5705

Ion	Ratio	Lower	Upper
112	100		
64	52.3	41.8	62.8
63	27.7	22.6	34.0



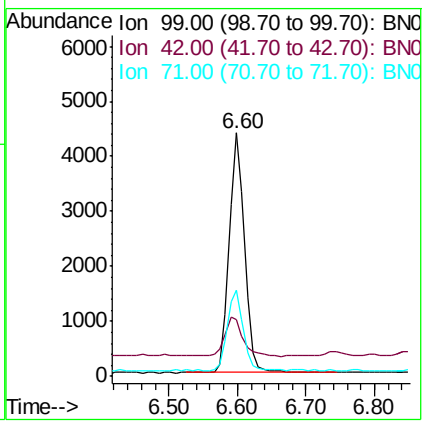


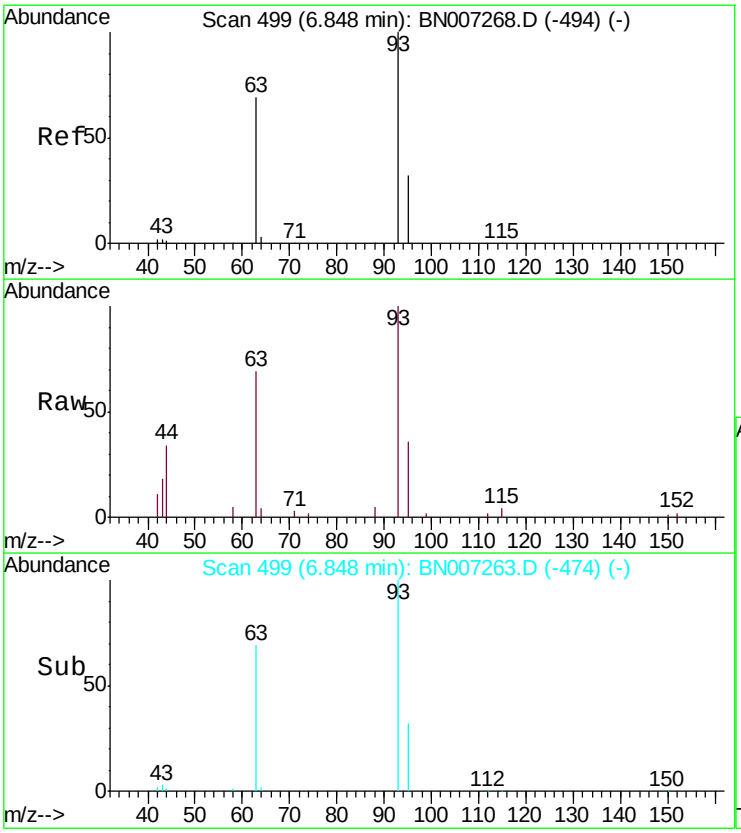
#5
Phenol-d6
Concen: 0.441 ng
RT: 6.60 min Scan# 468
Delta R.T. -0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 6786

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.3	21.5
71	34.4	27.3	40.9

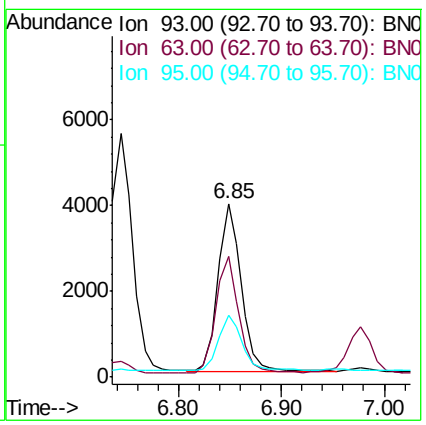


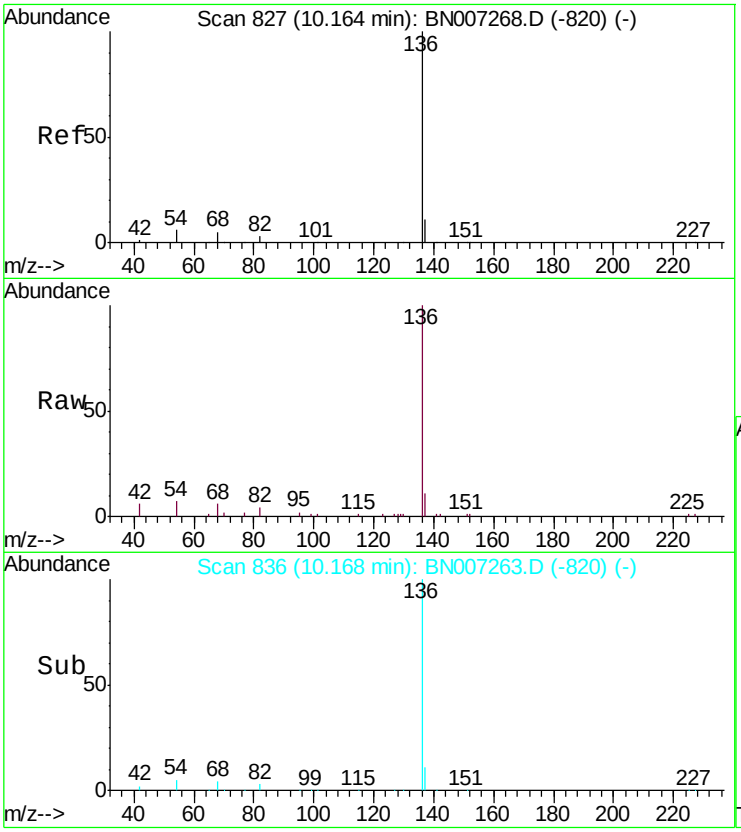


#6
bis(2-Chloroethyl)ether
Concen: 0.357 ng
RT: 6.85 min Scan# 499
Delta R.T. -0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion: 93 Resp: 6106

Ion	Ratio	Lower	Upper
93	100		
63	68.9	54.4	81.6
95	33.2	25.5	38.3



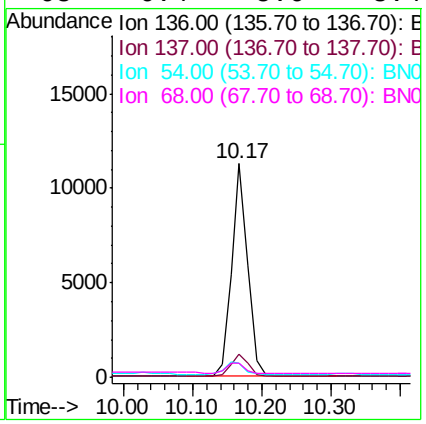


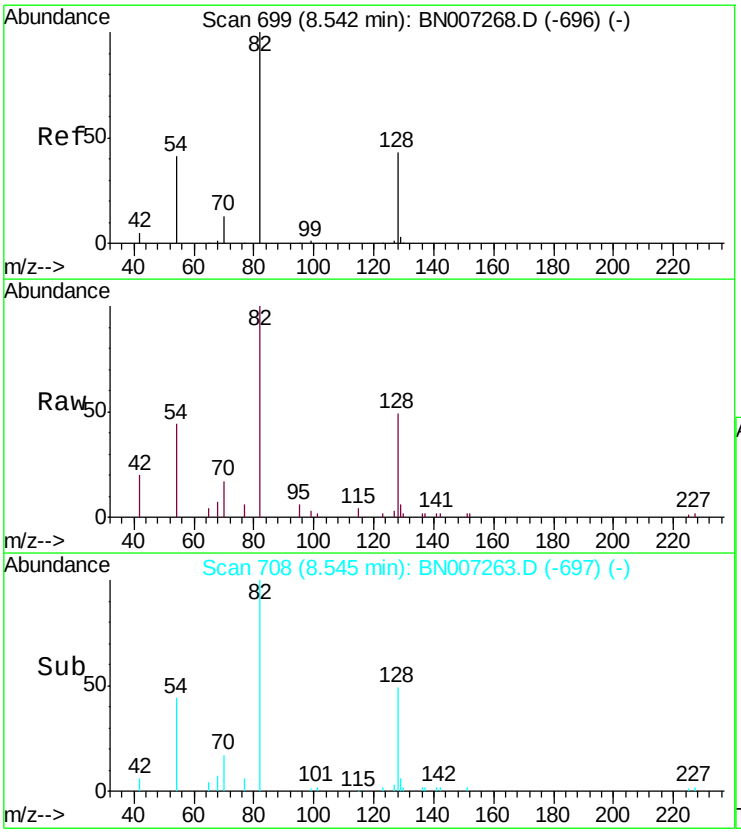
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.17 min Scan# 836
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 18389

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.5	5.9	8.9
68	6.4	5.6	8.4

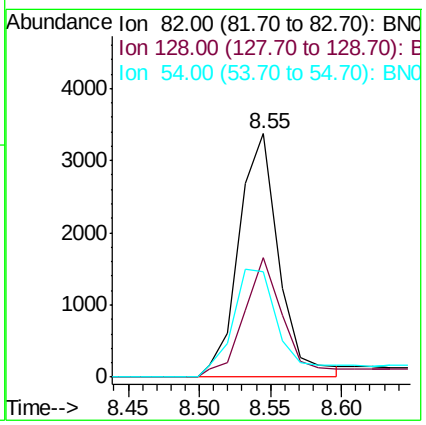


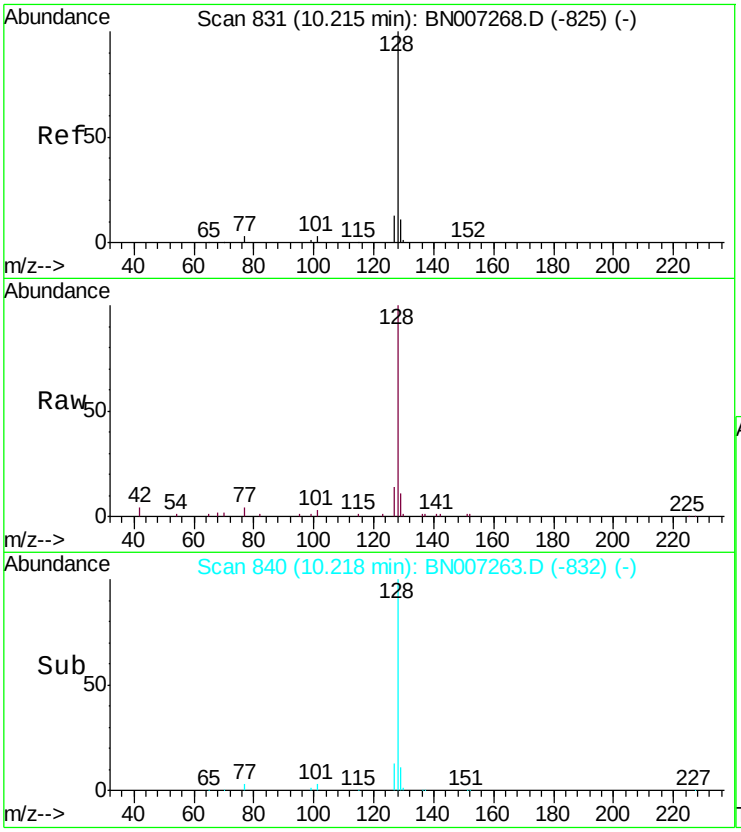


#8
Nitrobenzene-d5
Concen: 0.481 ng
RT: 8.55 min Scan# 708
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion: 82 Resp: 6030

Ion	Ratio	Lower	Upper
82	100		
128	49.0	35.8	53.6
54	43.5	34.7	52.1



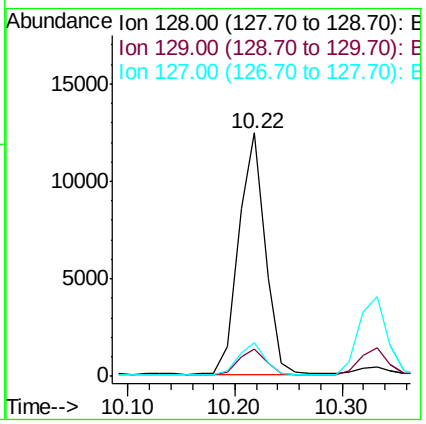


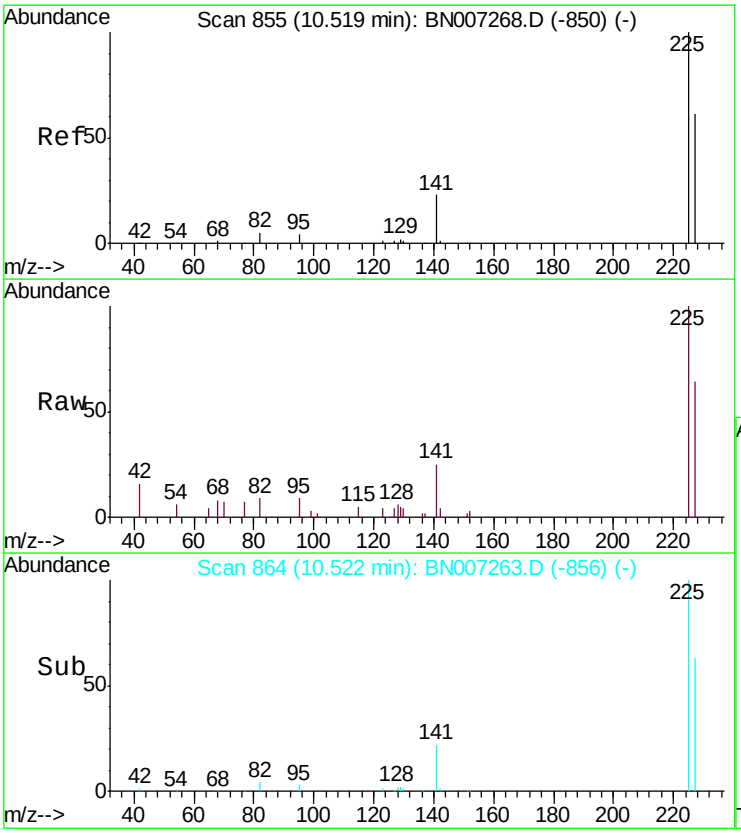
#9
Naphthalene
Concen: 0.433 ng
RT: 10.22 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 21338

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.8	10.6	16.0

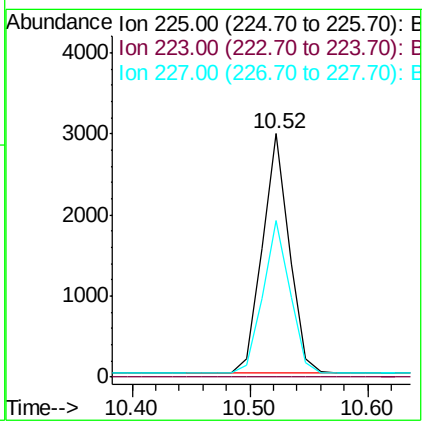


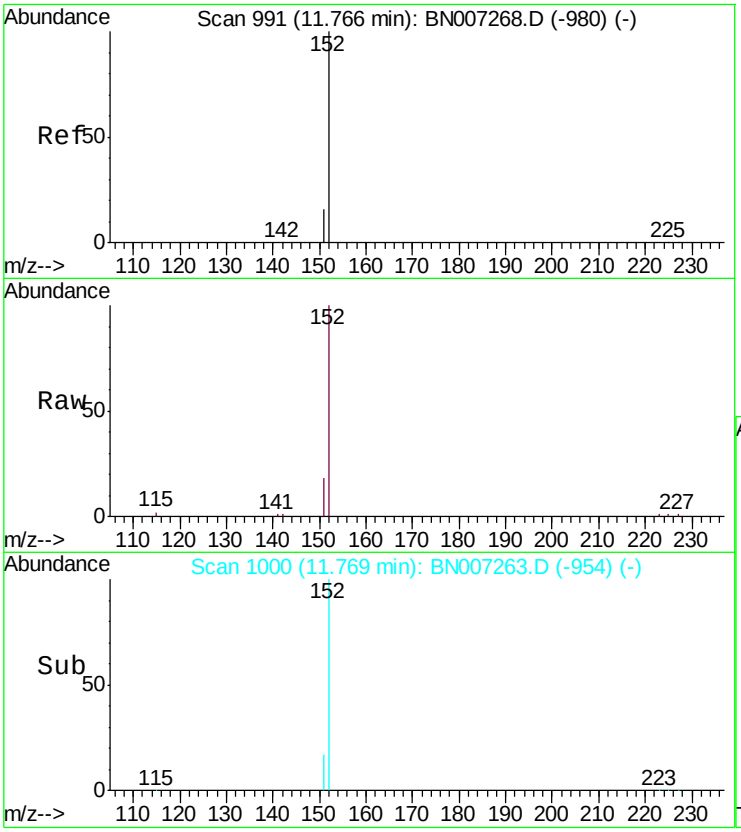


#10
Hexachlorobutadiene
Concen: 0.442 ng
RT: 10.52 min Scan# 864
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:225 Resp: 4718

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.2	75.2



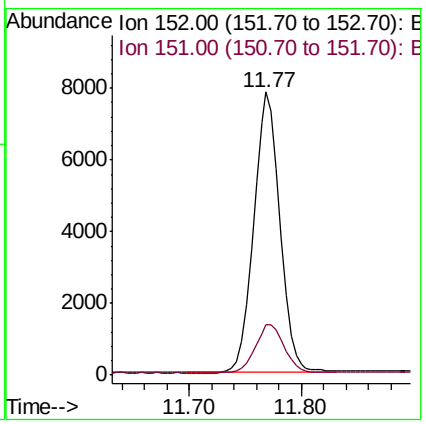


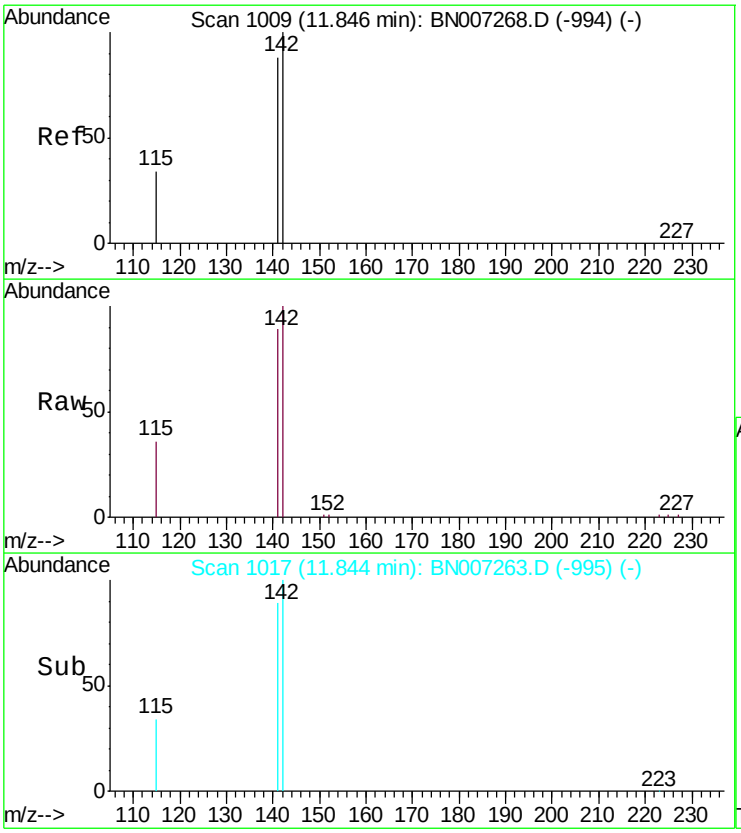
#11
2-Methylnaphthalene-d10
Concen: 0.465 ng
RT: 11.77 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 12789

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8

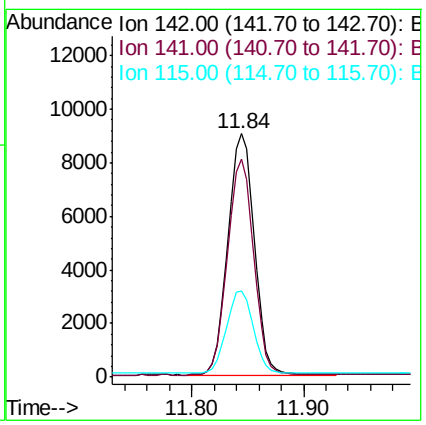


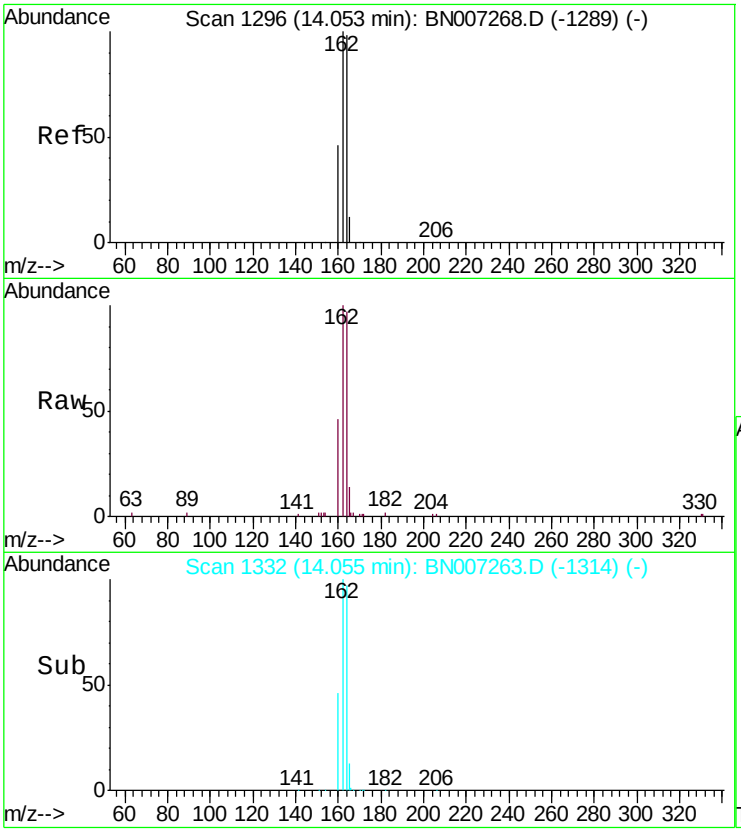


#12
2-Methylnaphthalene
Concen: 0.466 ng
RT: 11.84 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:142 Resp: 14667

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.7	106.1
115	35.5	28.1	42.1



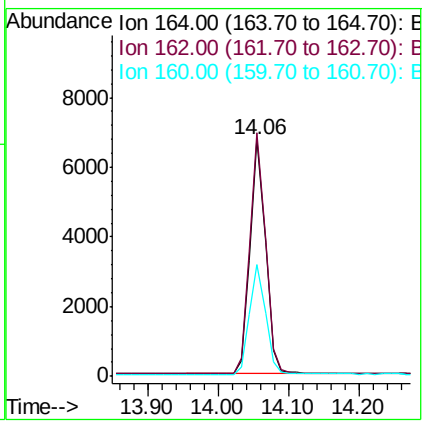


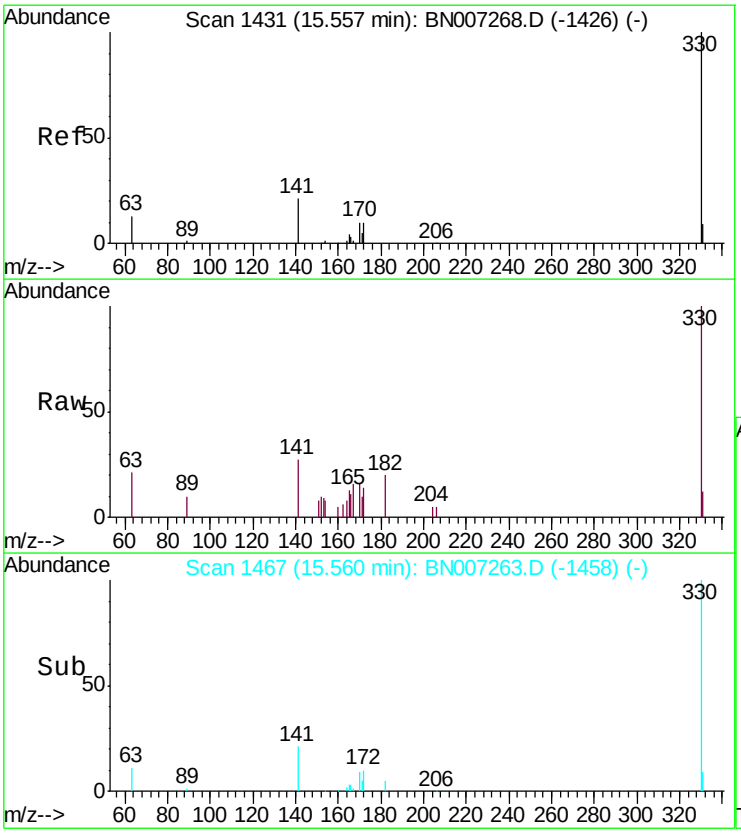
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 10149

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.0	123.0
160	47.2	38.2	57.4

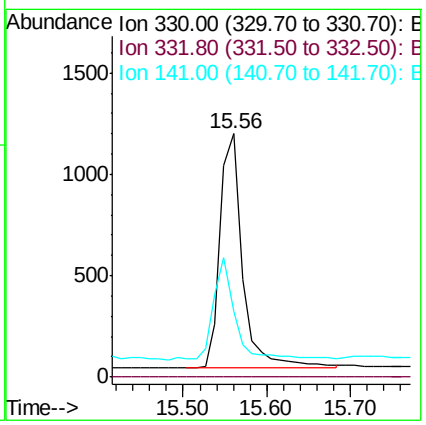


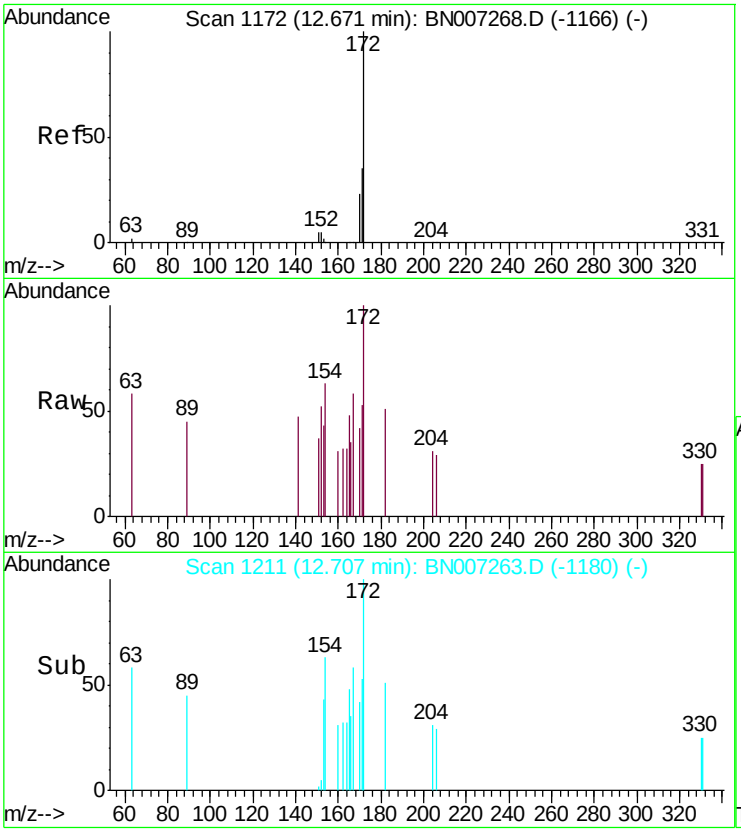


#14
2,4,6-Tribromophenol
Concen: 0.454 ng
RT: 15.56 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:330 Resp: 2149

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.5	30.3	45.5



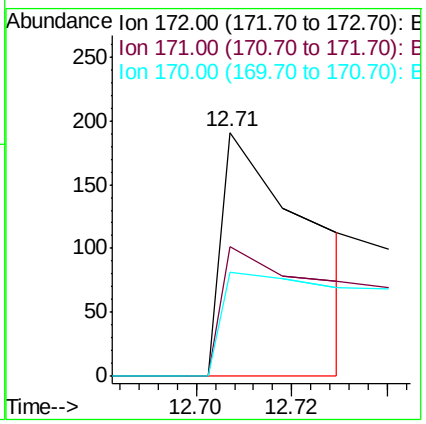


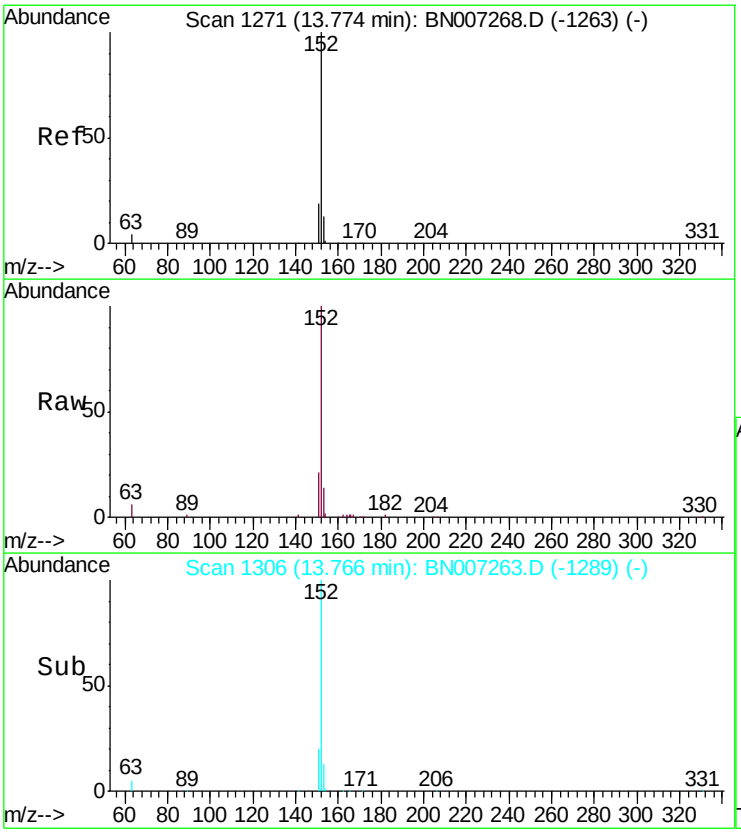
#15
2-Fluorobiphenyl
Concen: 0.005 ng
RT: 12.71 min Scan# 1211
Delta R.T. 0.04 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 203

Ion	Ratio	Lower	Upper
172	100		
171	52.9	28.6	43.0#
170	42.4	18.7	28.1#

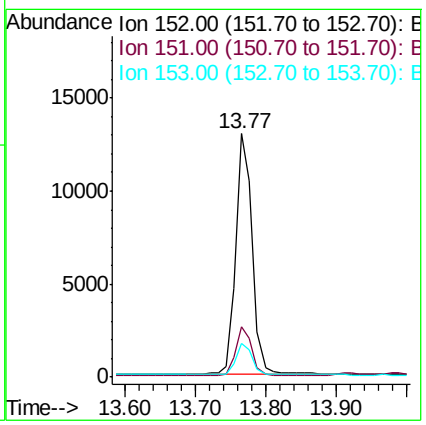


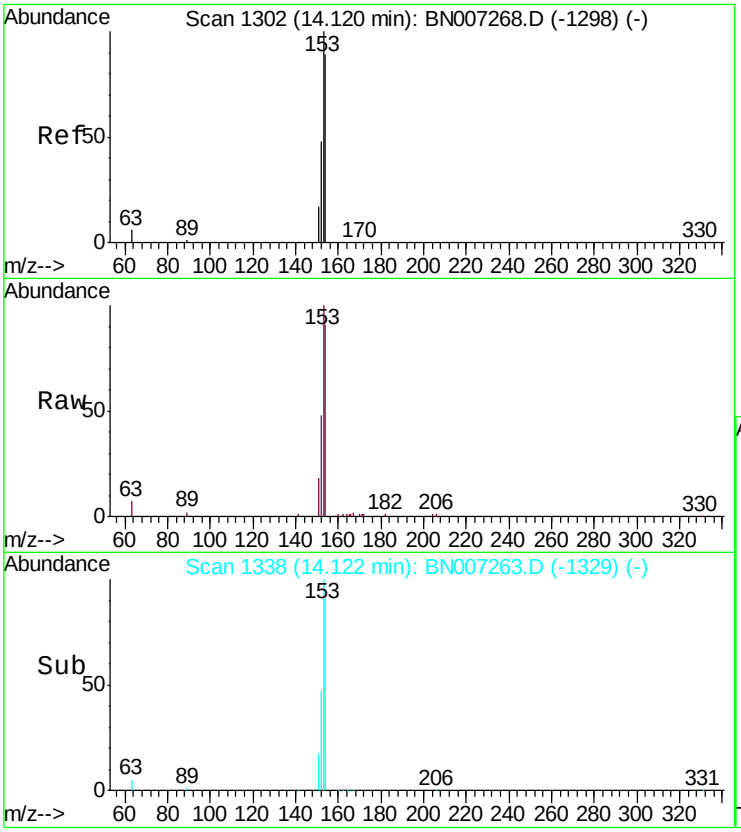


#16
Acenaphthylene
Concen: 0.448 ng
RT: 13.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:152 Resp: 21492

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2
153	12.6	10.1	15.1



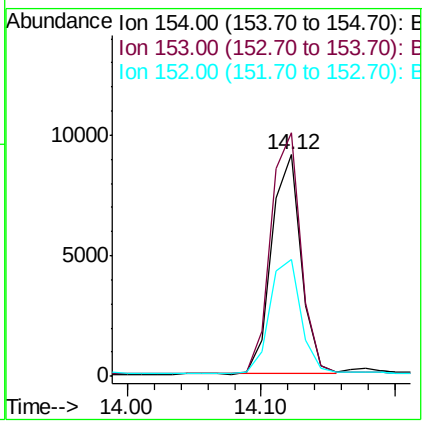


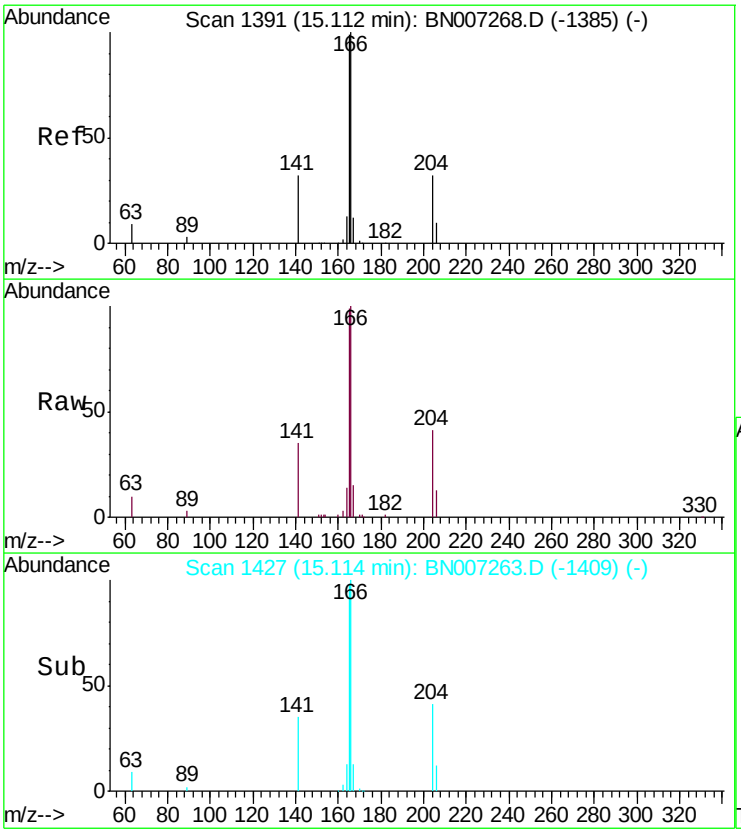
#17
Acenaphthene
Concen: 0.437 ng
RT: 14.12 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 14074

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.9	134.9
152	54.9	43.9	65.9

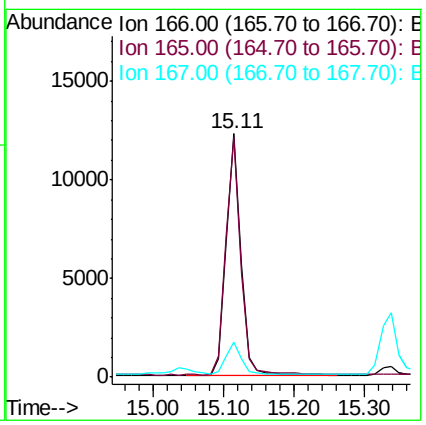


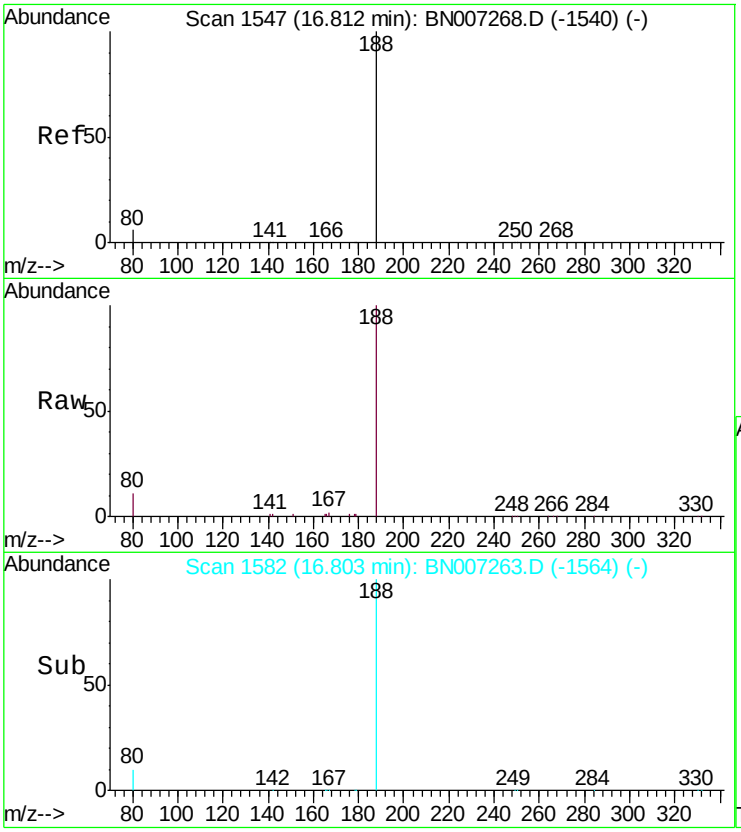


#18
Fluorene
Concen: 0.460 ng
RT: 15.11 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:166 Resp: 18317

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.3	117.5
167	14.0	11.1	16.7



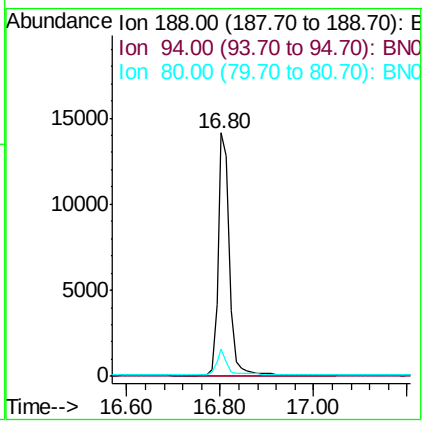


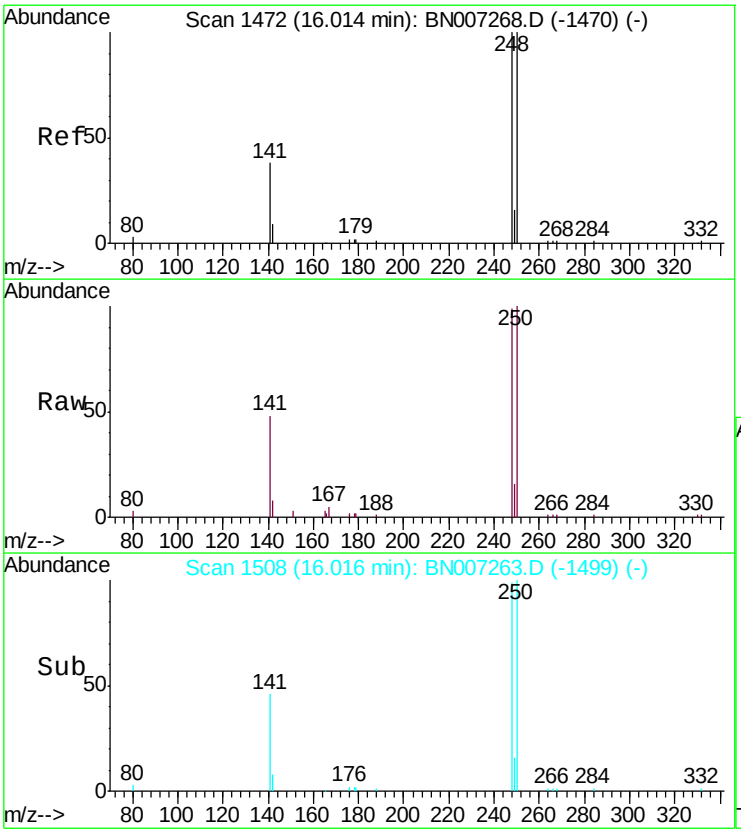
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 23974

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	5.2	7.8#

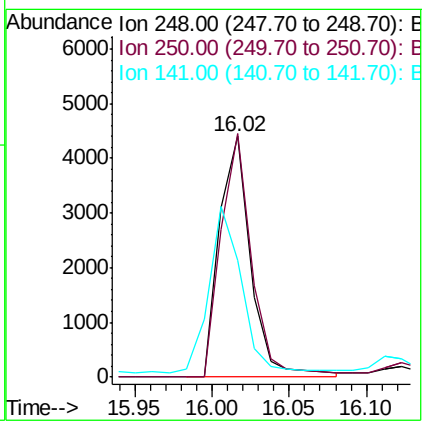


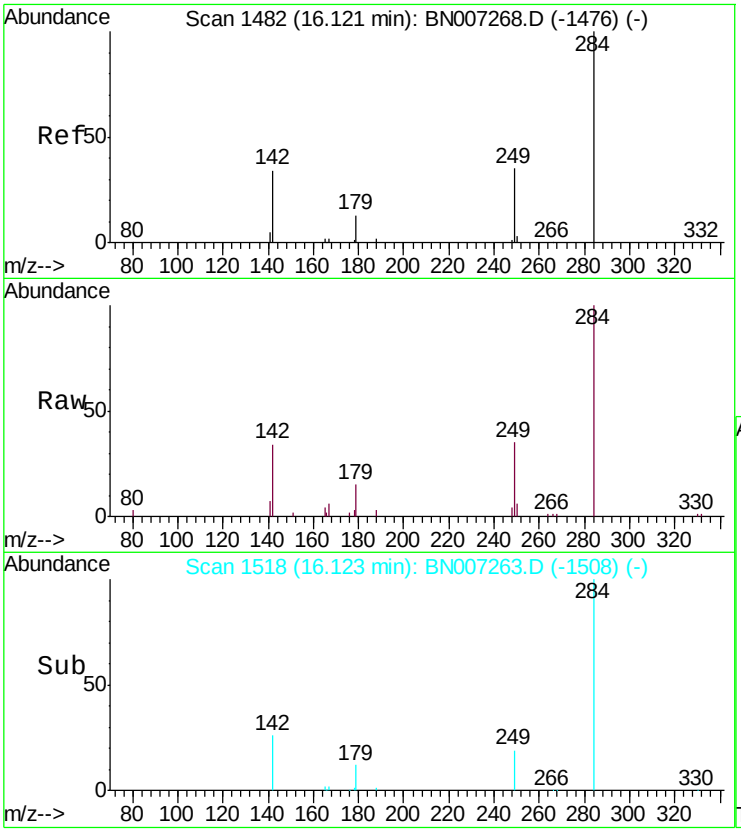


#20
4-Bromophenyl-phenylether
Concen: 0.461 ng
RT: 16.02 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:248 Resp: 6257

Ion	Ratio	Lower	Upper
248	100		
250	101.0	79.6	119.4
141	48.2	45.1	67.7



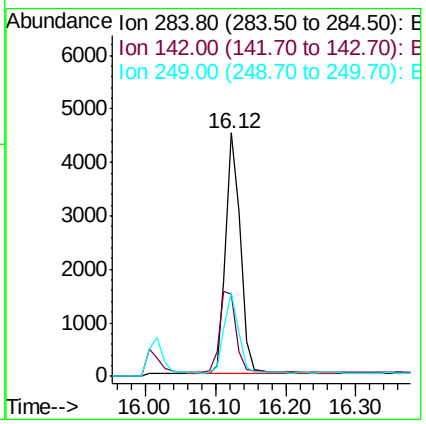


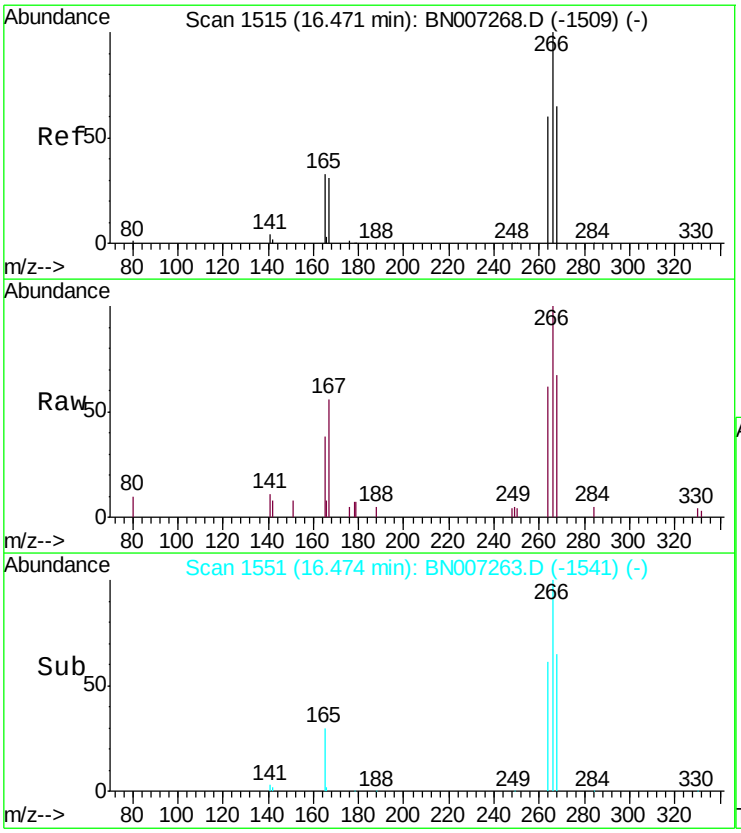
#21
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.12 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 6587

Ion	Ratio	Lower	Upper
284	100		
142	37.8	29.5	44.3
249	32.8	26.2	39.4

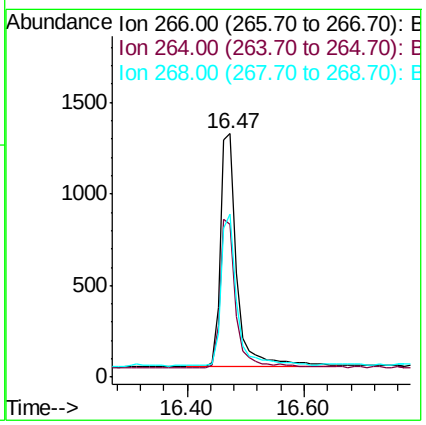


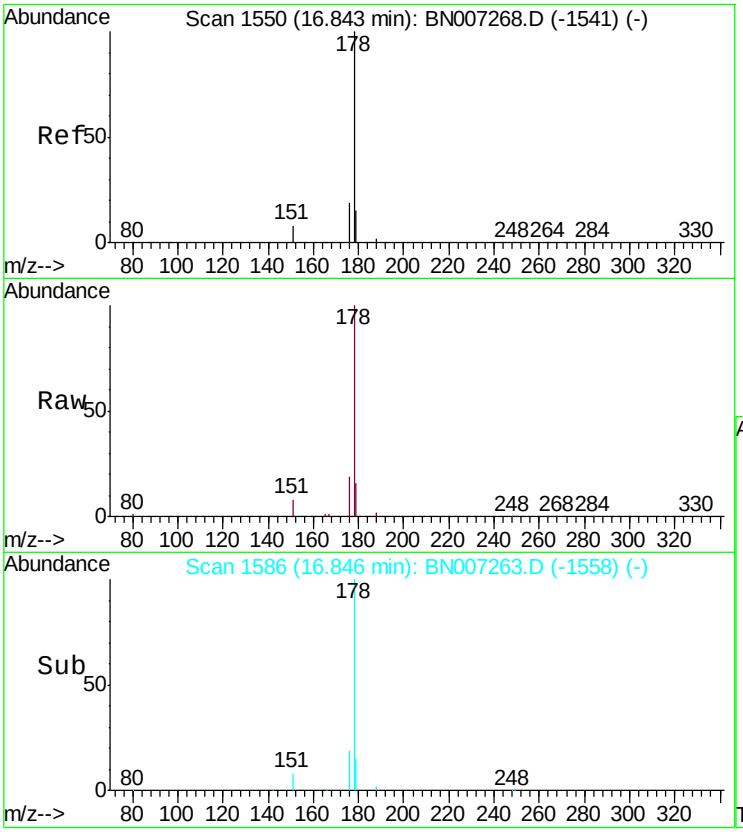


#22
Pentachlorophenol
Concen: 1.093 ng
RT: 16.47 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:266 Resp: 2545

Ion	Ratio	Lower	Upper
266	100		
264	62.5	48.7	73.1
268	66.9	53.5	80.3



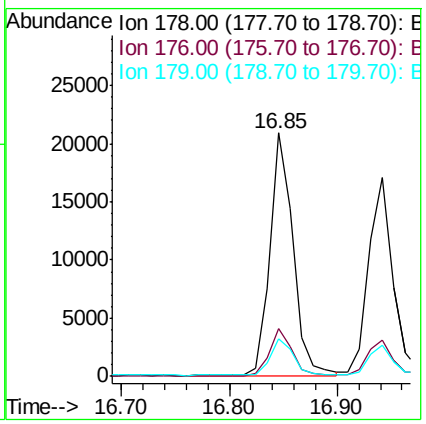


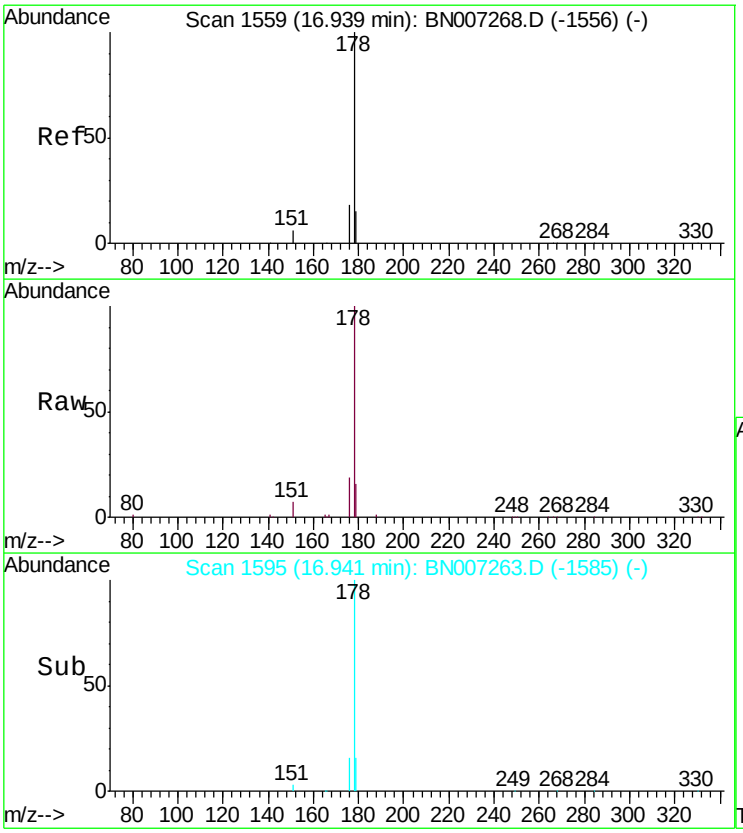
#23
Phenanthrene
Concen: 0.463 ng
RT: 16.85 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 30776

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.4	12.3	18.5

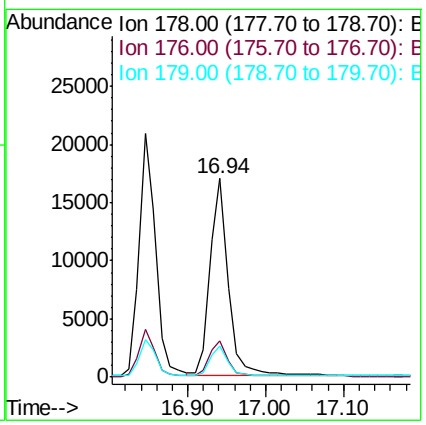


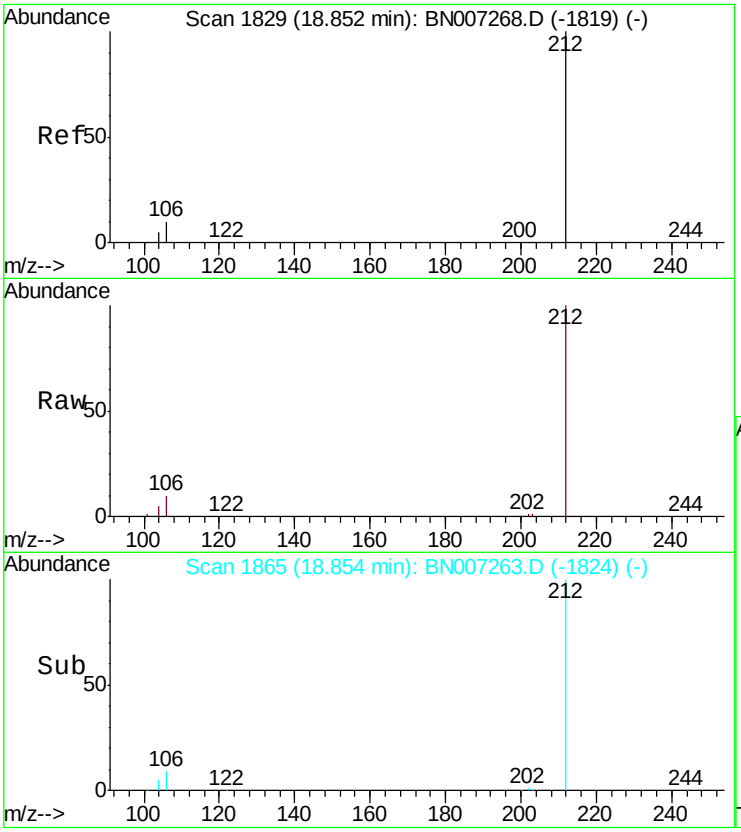


#24
Anthracene
Concen: 0.469 ng
RT: 16.94 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:178 Resp: 27009

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.3	21.5
179	15.3	12.3	18.5



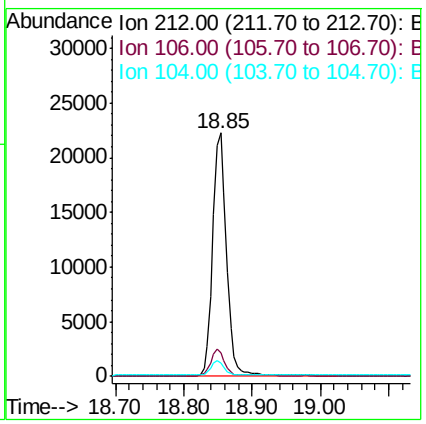


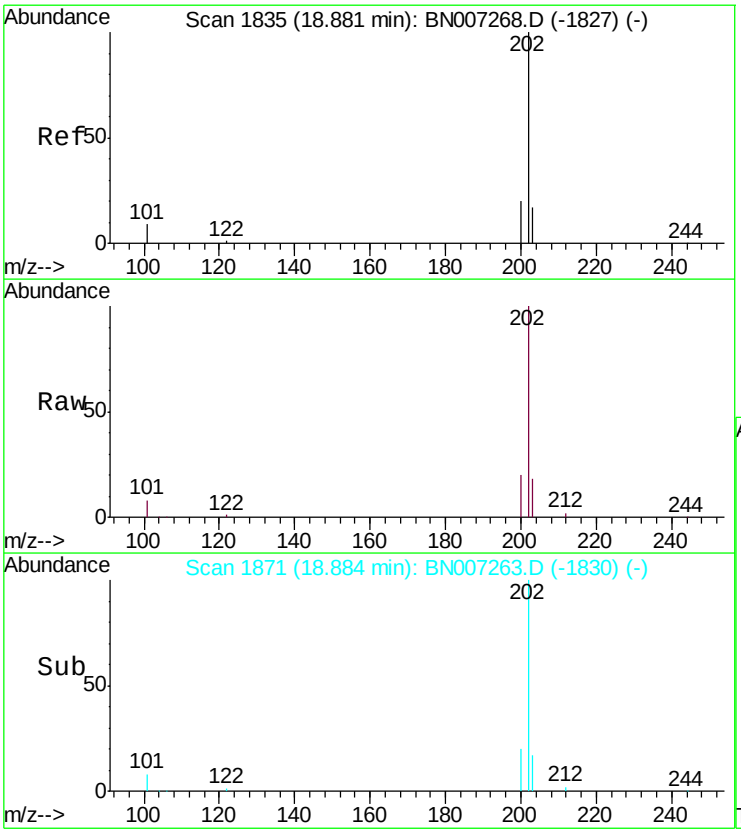
#25
Fluoranthene-d10
Concen: 0.431 ng
RT: 18.85 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 31215

Ion	Ratio	Lower	Upper
212	100		
106	10.5	8.2	12.4
104	5.8	4.7	7.1

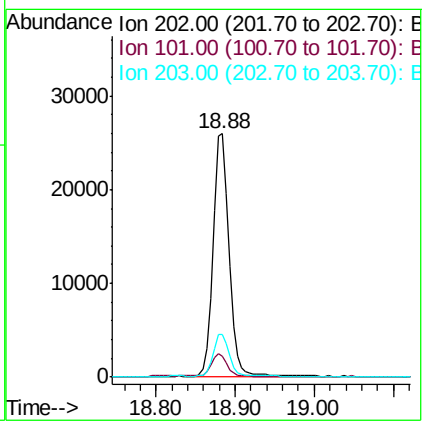


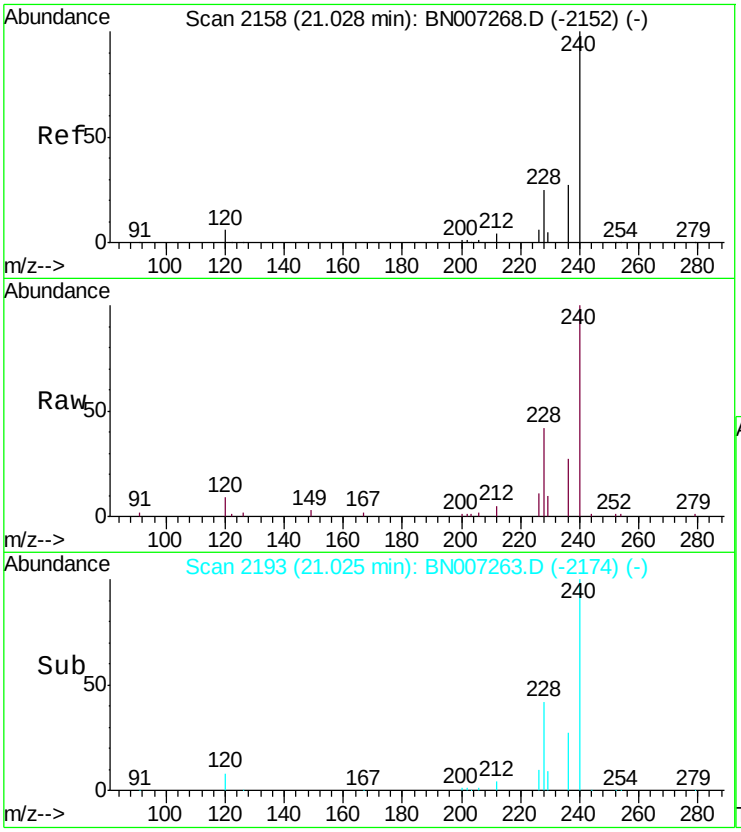


#26
Fluoranthene
Concen: 0.442 ng
RT: 18.88 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:202 Resp: 36839

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.4	13.8	20.6



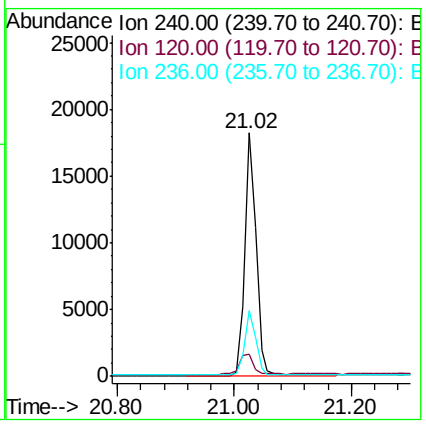


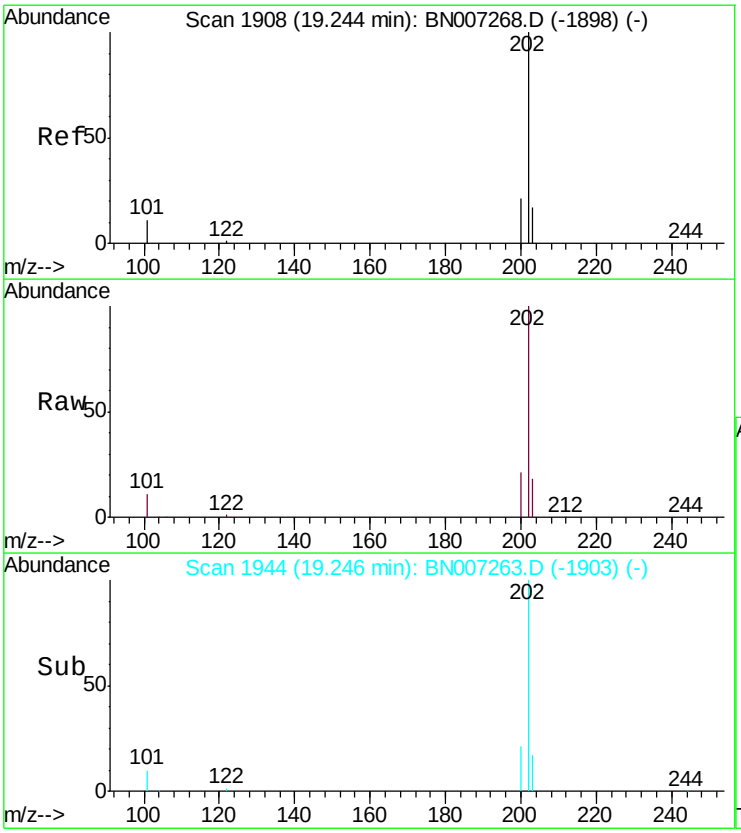
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 23816

Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.6	8.4#
236	27.2	21.6	32.4

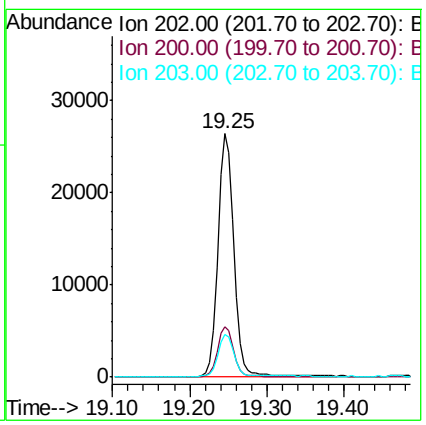


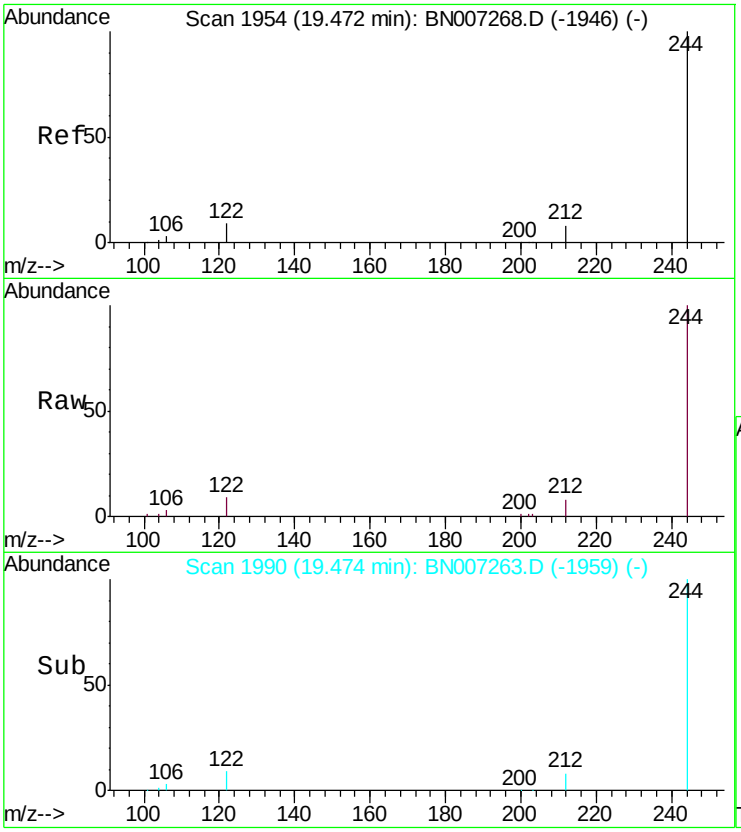


#28
Pyrene
Concen: 0.450 ng
RT: 19.25 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:202 Resp: 37281

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.5	13.9	20.9



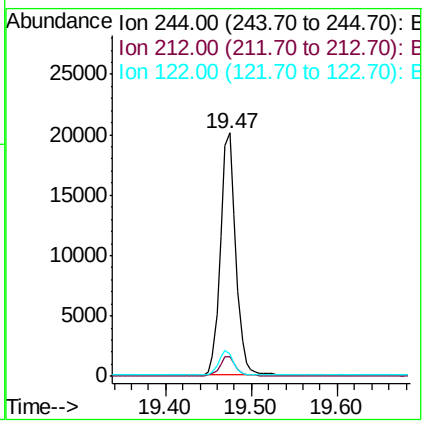


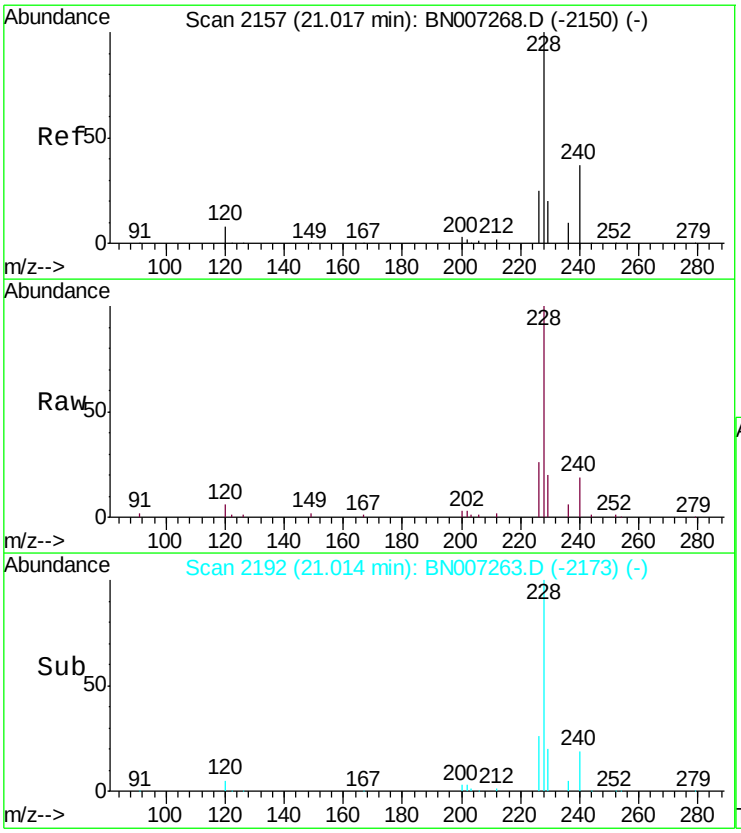
#29
Terphenyl-d14
Concen: 0.476 ng
RT: 19.47 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 24961

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	9.0	7.9	11.9

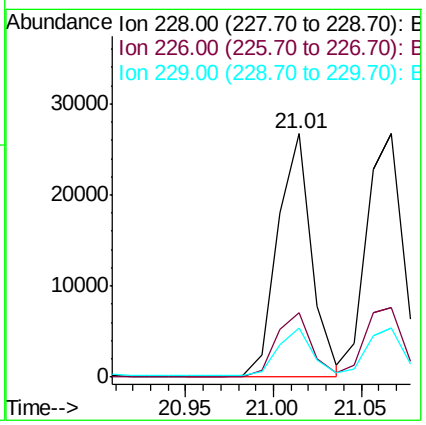


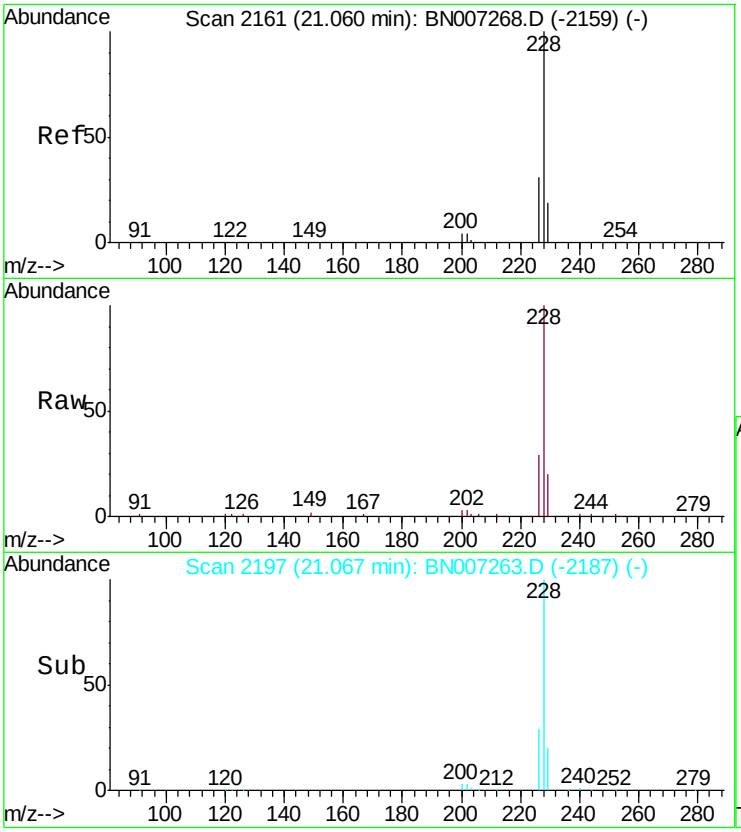


#30
Benzo(a)anthracene
Concen: 0.486 ng
RT: 21.01 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:228 Resp: 35636

Ion	Ratio	Lower	Upper
228	100		
226	26.4	20.6	30.8
229	20.2	16.9	25.3



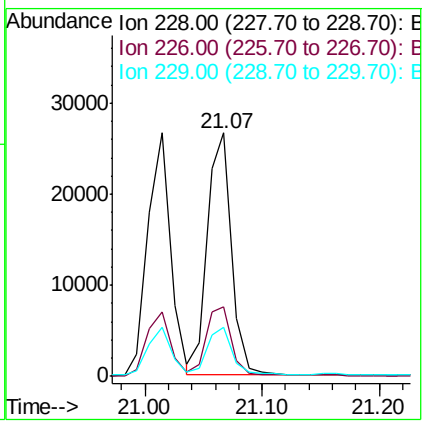


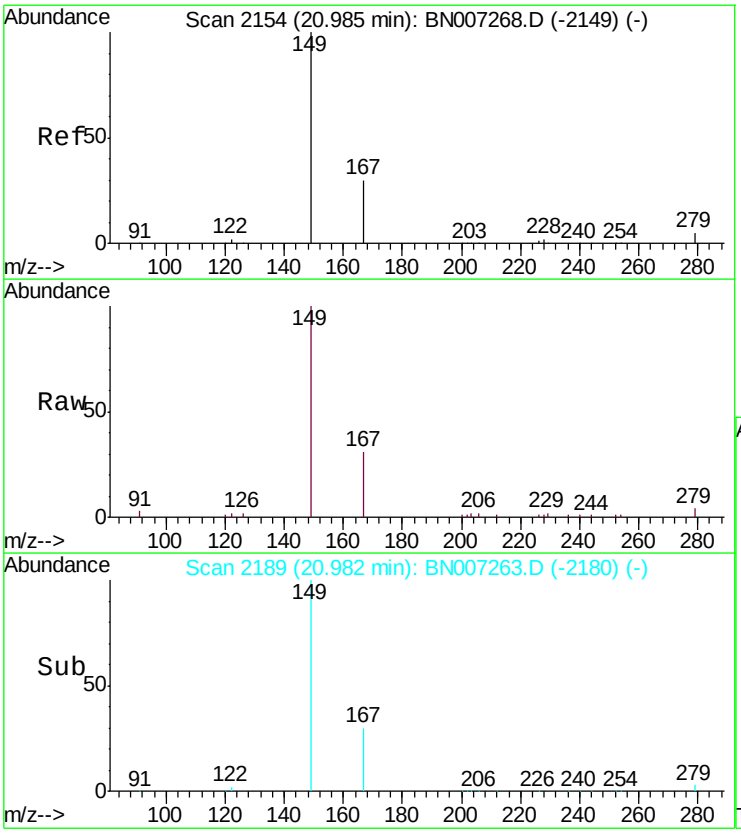
#31
Chrysene
Concen: 0.467 ng
RT: 21.07 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 38440

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.6	36.8
229	20.4	15.6	23.4

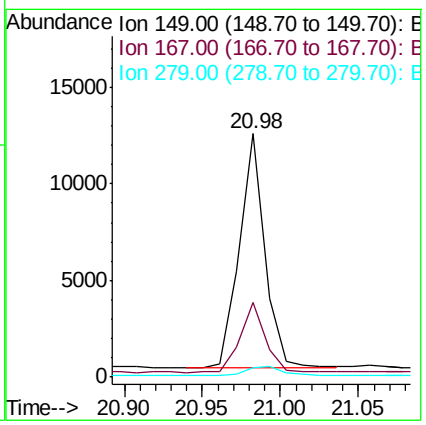


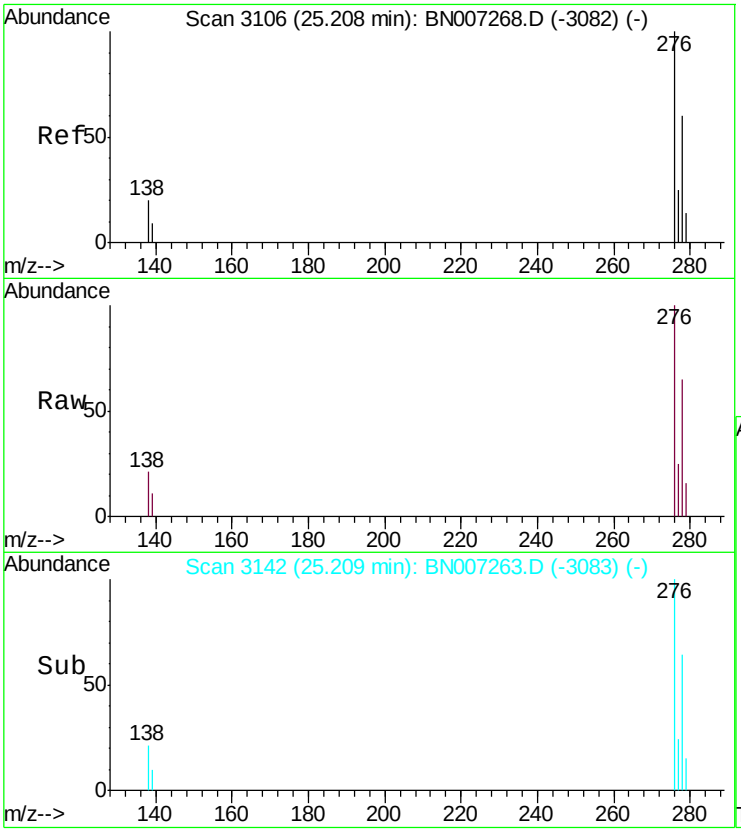


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.401 ng
RT: 20.98 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:149 Resp: 13707

Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.8	35.6
279	4.9	3.8	5.8



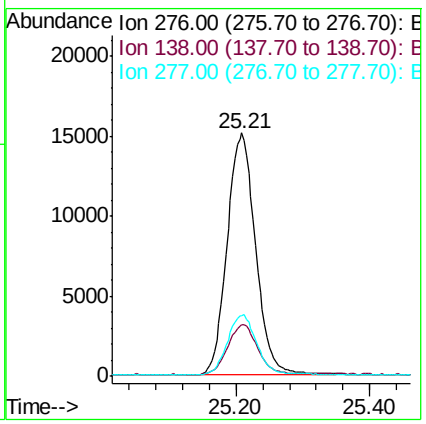


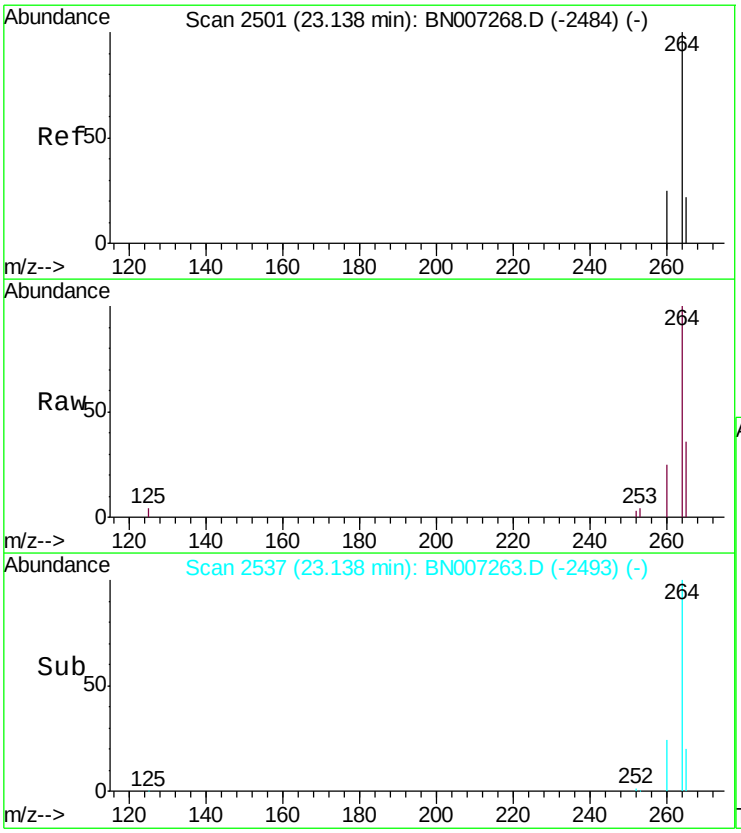
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng
RT: 25.21 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 44907

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.1	25.7
277	25.1	20.1	30.1

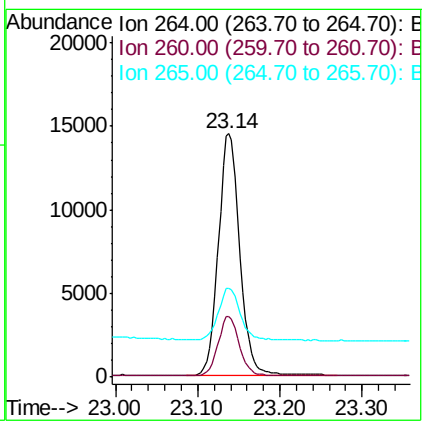


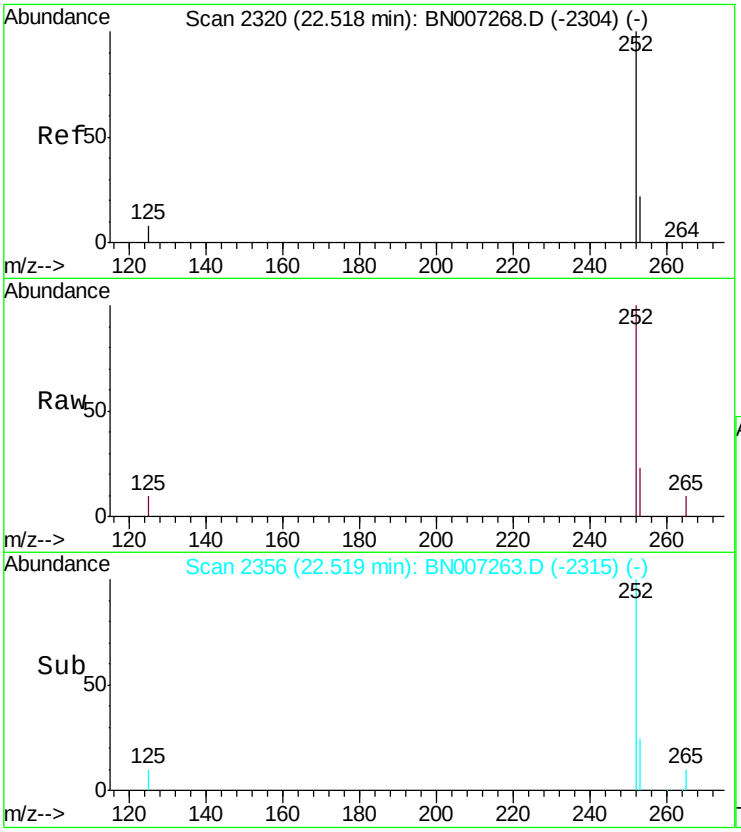


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:264 Resp: 26111

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	36.5	29.0	43.6



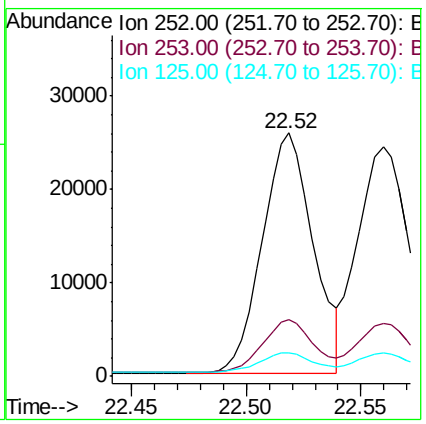


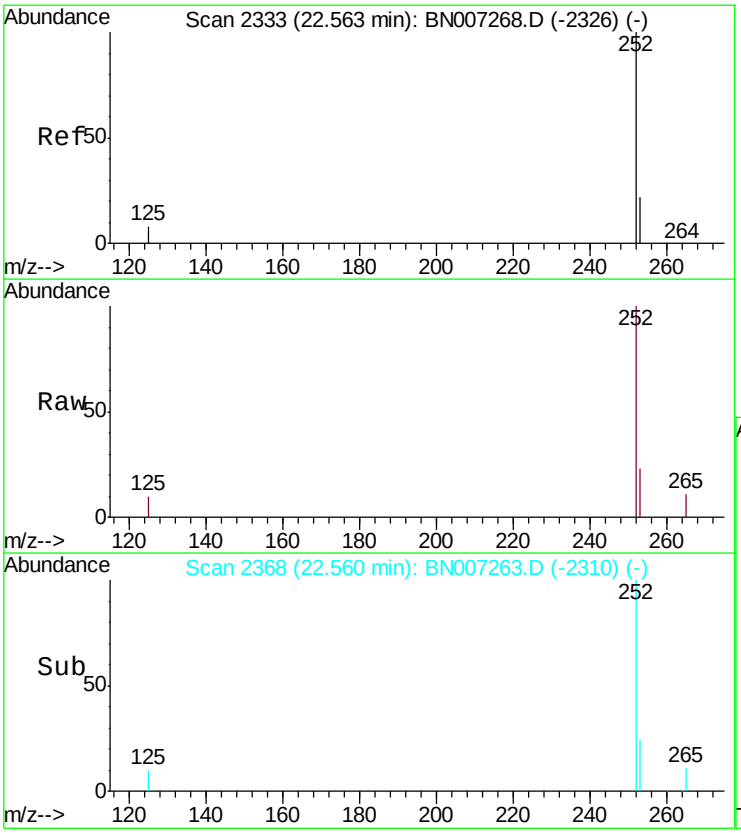
#35
Benzo(b)fluoranthene
Concen: 0.483 ng
RT: 22.52 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 39627

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	9.9	7.8	11.6

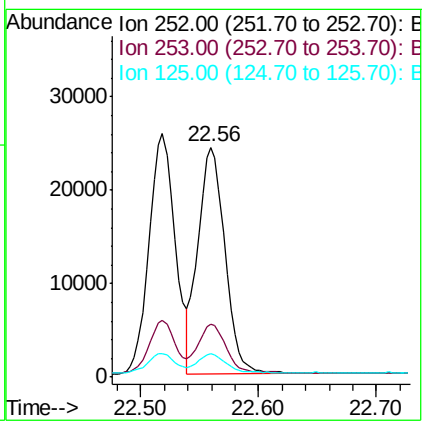


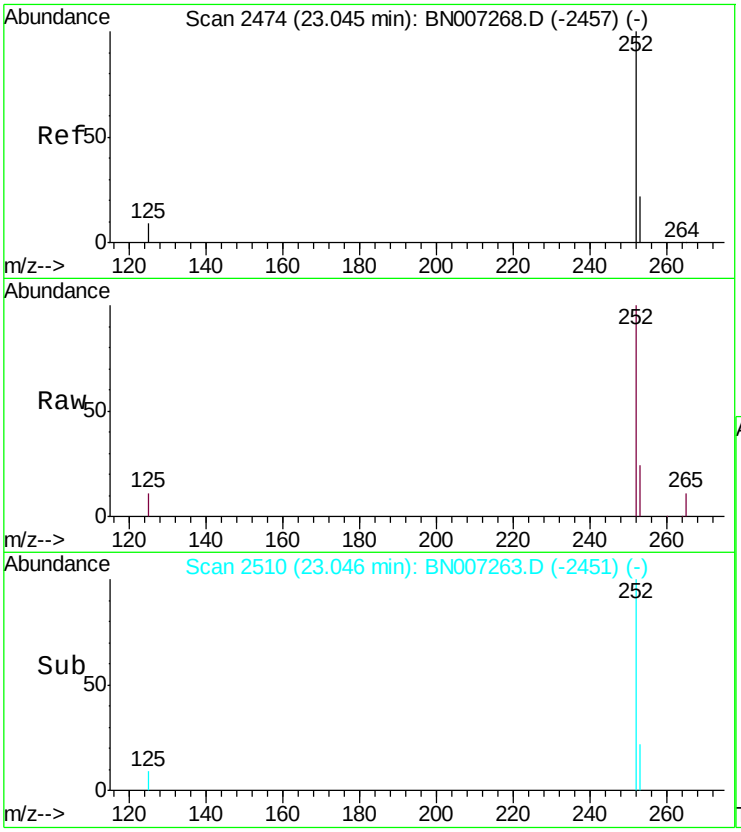


#36
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 22.56 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:252 Resp: 38653

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.1	8.0	12.0



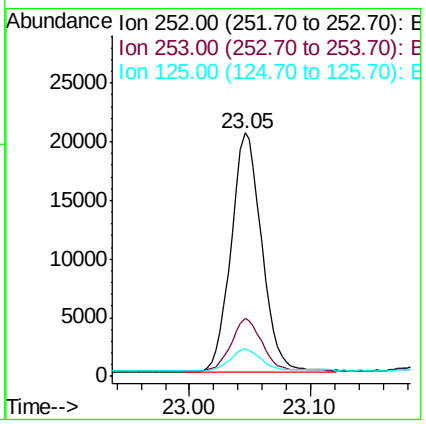


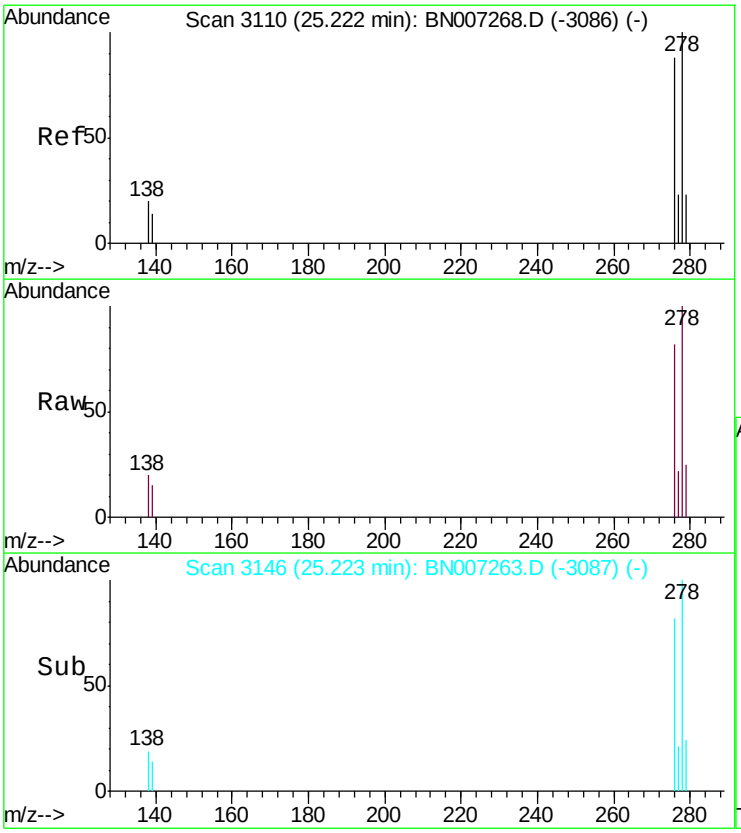
#37
Benzo(a)pyrene
Concen: 0.453 ng
RT: 23.05 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 36005

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	11.3	8.7	13.1

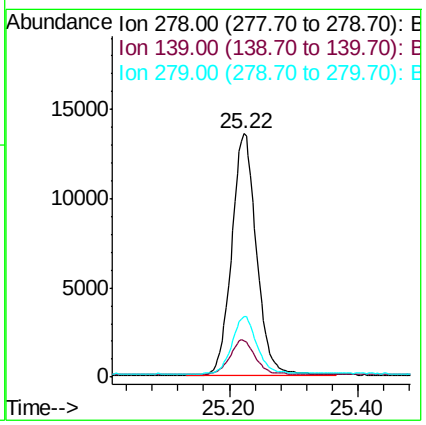


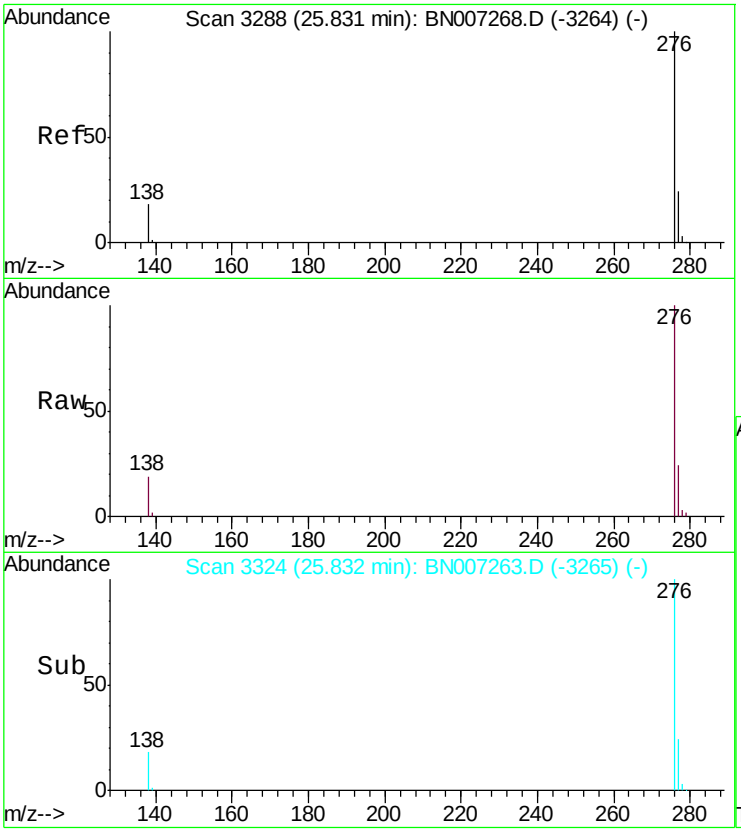


#38
Dibenzo(a,h)anthracene
Concen: 0.457 ng
RT: 25.22 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Tgt Ion:278 Resp: 36626

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.8	17.8
279	25.1	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.443 ng
RT: 25.83 min Scan# 3324
Delta R.T. 0.00 min
Lab File: BN007263.D
Acq: 20 Aug 2019 13:44

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 37200

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	19.1	15.3	22.9