Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007268.D
Acq On : 20 Aug 2019 17:14
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Aug 20 18:04:38 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	5055	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	18170	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	10190	0.40	ng		0.00
19) Phenanthrene-d10	16.81	188	23866	0.40	ng		0.00
27) Chrysene-d12	21.03	240	23845	0.40	ng		0.00
34) Perylene-d12	23.14	264	25218	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	5710	0.51	ng		0.00
5) Phenol-d6	6.60	99	6775	0.44	ng		0.00
8) Nitrobenzene-d5	8.54	82	5665	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	12832	0.47	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	2134	0.45	ng		0.00
15) 2-Fluorobiphenyl	12.67	172	18204	0.48	ng		0.00
25) Fluoranthene-d10	18.85	212	30389	0.42	ng		0.00
29) Terphenyl-d14	19.47	244	24452	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	2879	0.347	ng		100
3) n-Nitrosodimethylamine	3.33	42	1855	0.288	ng		99
6) bis(2-Chloroethyl)ether	6.85	93	6120	0.356	ng		100
9) Naphthalene	10.22	128	21478	0.441	ng		100
10) Hexachlorobutadiene	10.52	225	4782	0.453	ng	#	100
12) 2-Methylnaphthalene	11.85	142	14568	0.468	ng		100
16) Acenaphthylene	13.77	152	21329	0.443	ng		100
17) Acenaphthene	14.12	154	14115	0.437	ng		100
18) Fluorene	15.11	166	18270	0.457	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	4599	0.341	ng		100
21) Hexachlorobenzene	16.12	284	6545	0.372	ng		100
22) Pentachlorophenol	16.47	266	2310	0.996	ng		100
23) Phenanthrene	16.84	178	30513	0.461	ng		100
24) Anthracene	16.94	178	26843	0.468	ng		100
26) Fluoranthene	18.88	202	36546	0.440	ng		100
28) Pyrene	19.24	202	36676	0.443	ng		100
30) Benzo(a)anthracene	21.02	228	35443	0.482	ng		100
31) Chrysene	21.06	228	37149	0.451	ng		100
32) Bis(2-ethylhexyl)phthalate	20.99	149	12532	0.366	ng		100
33) Indeno(1,2,3-cd)pyrene	25.21	276	44969	0.446	ng		100
35) Benzo(b)fluoranthene	22.52	252	38071	0.480	ng		100
36) Benzo(k)fluoranthene	22.56	252	38364	0.431	ng		100
37) Benzo(a)pyrene	23.05	252	33992	0.442	ng		100
38) Dibenzo(a,h)anthracene	25.22	278	36750	0.474	ng		100
39) Benzo(g,h,i)perylene	25.83	276	37128	0.457	ng		100

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

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Instrument :
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Quant Time: Aug 20 18:04:38 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 17:50:18 2019
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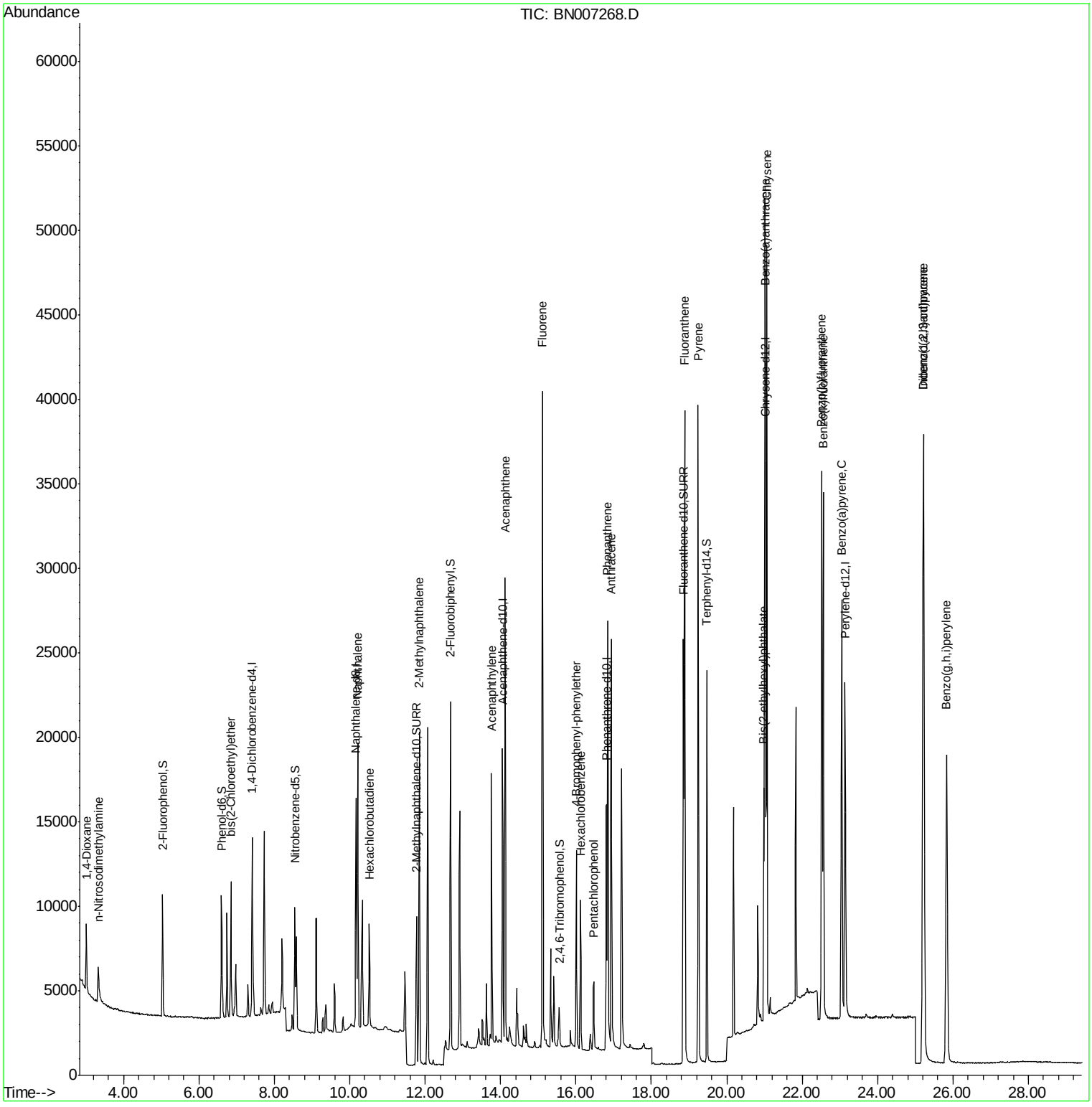
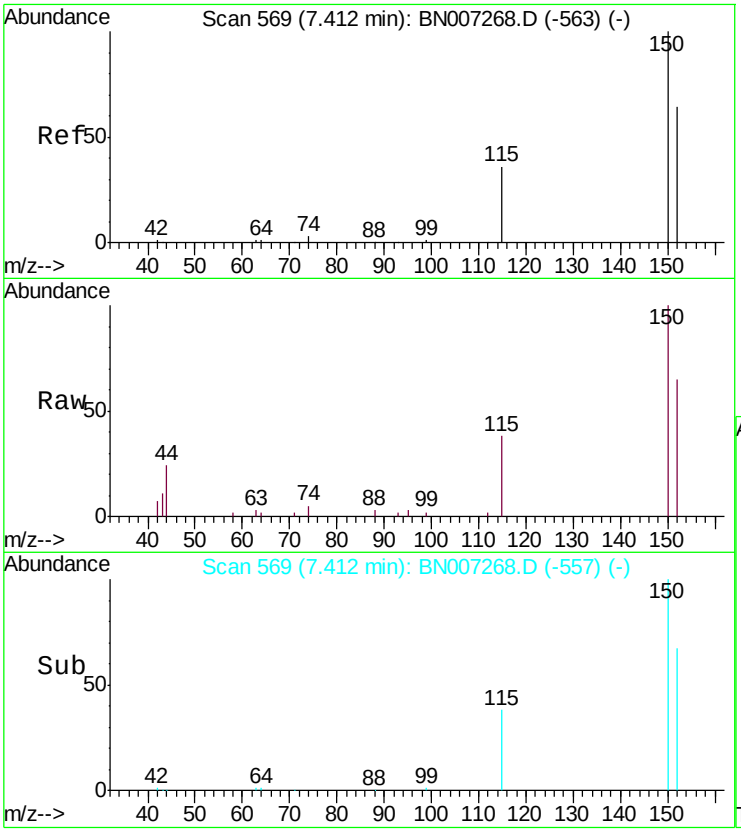


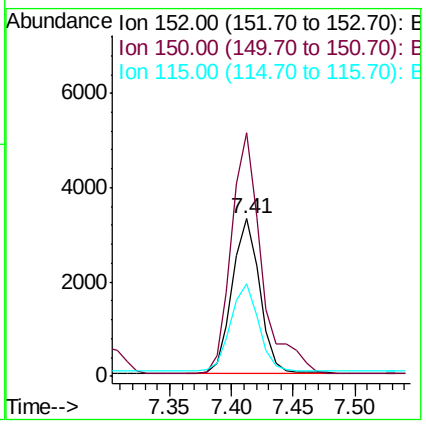


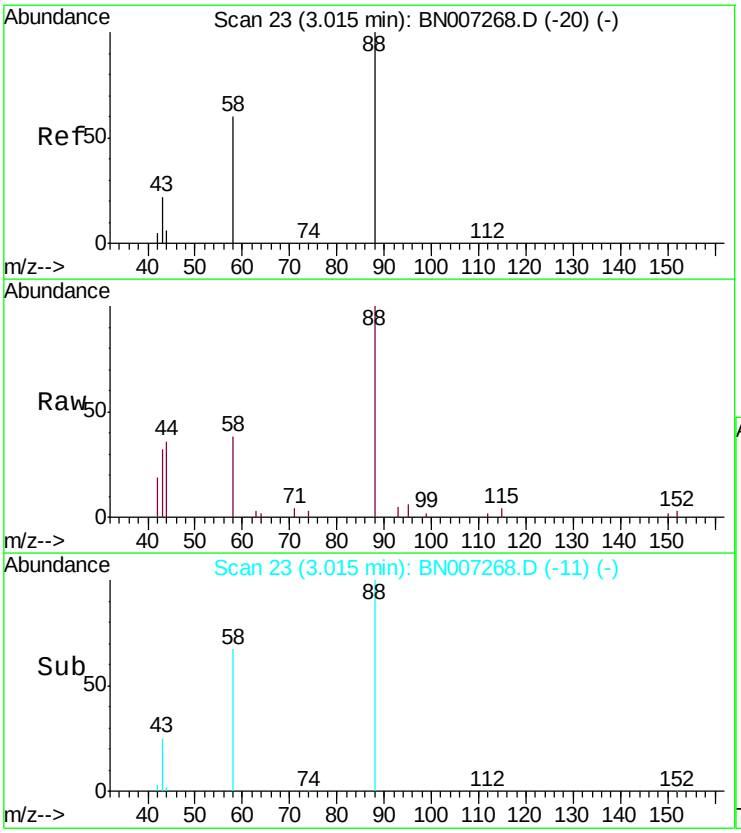
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 5055

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.8
115	59.1	47.3	70.9

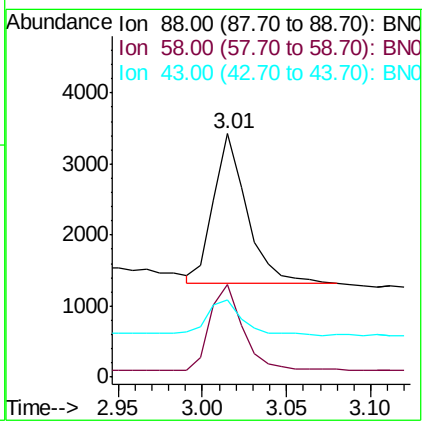


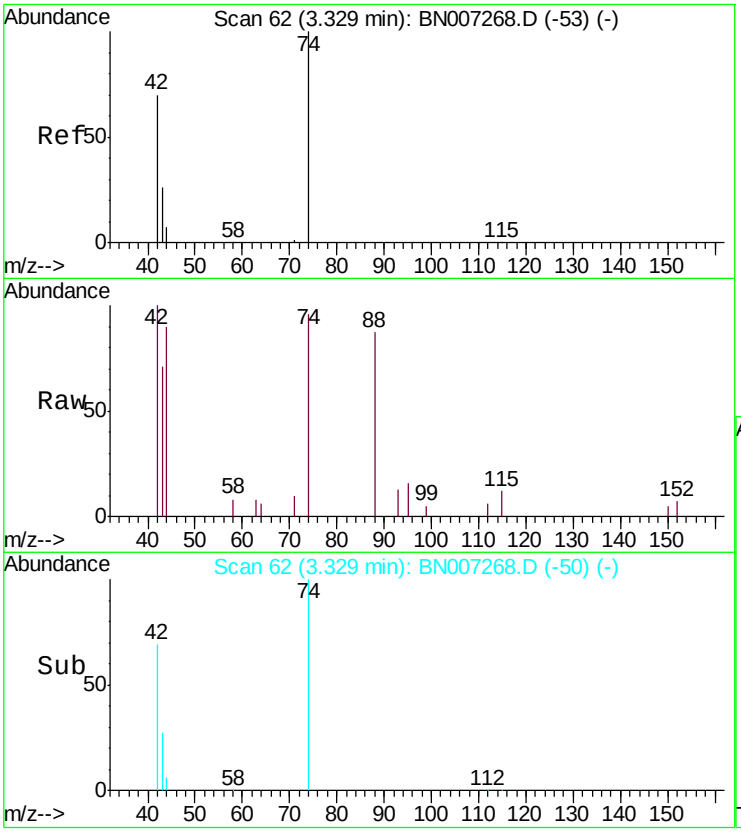


#2
1,4-Dioxane
Concen: 0.347 ng
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion: 88 Resp: 2879

Ion	Ratio	Lower	Upper
88	100		
58	56.9	45.5	68.3
43	25.5	20.4	30.6



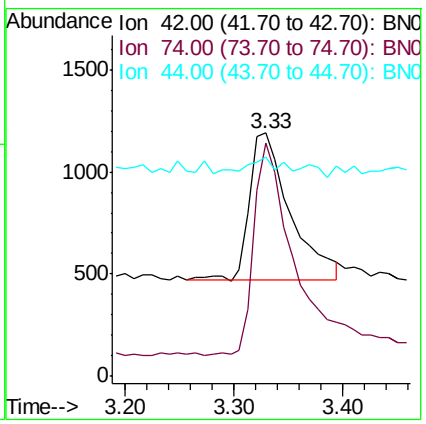


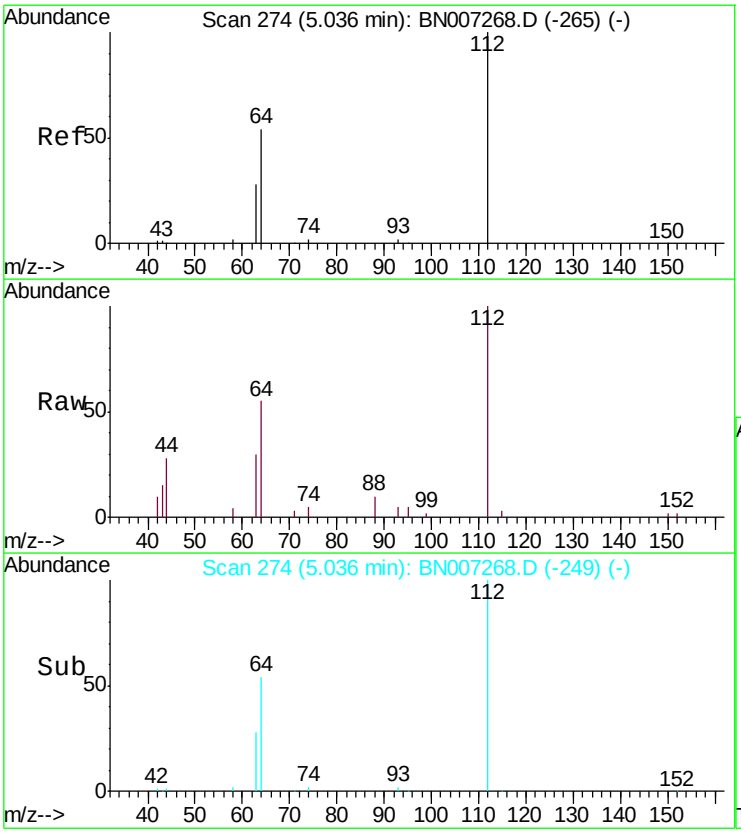
#3
n-Nitrosodimethylamine
Concen: 0.288 ng
RT: 3.33 min Scan# 62
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1855

Ion	Ratio	Lower	Upper
42	100		
74	137.2	109.0	163.4
44	5.2	4.2	6.2

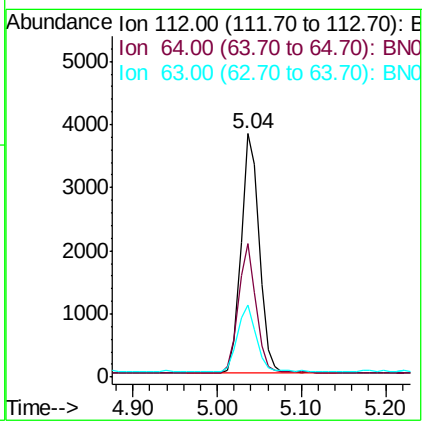


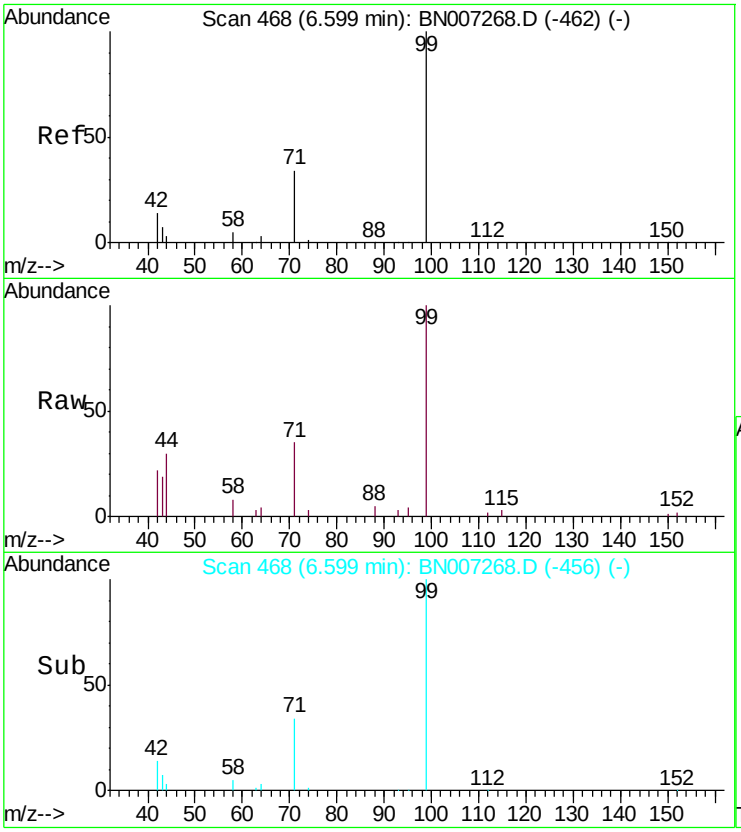


#4
2-Fluorophenol
Concen: 0.508 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:112 Resp: 5710

Ion	Ratio	Lower	Upper
112	100		
64	52.3	41.8	62.8
63	28.3	22.6	34.0



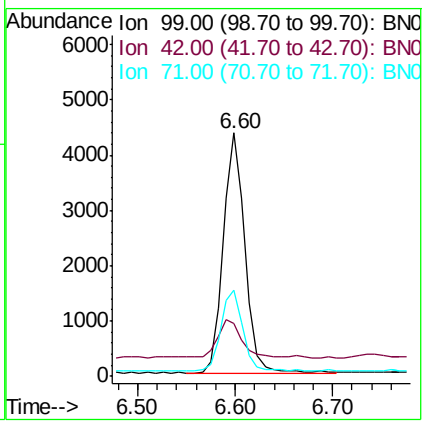


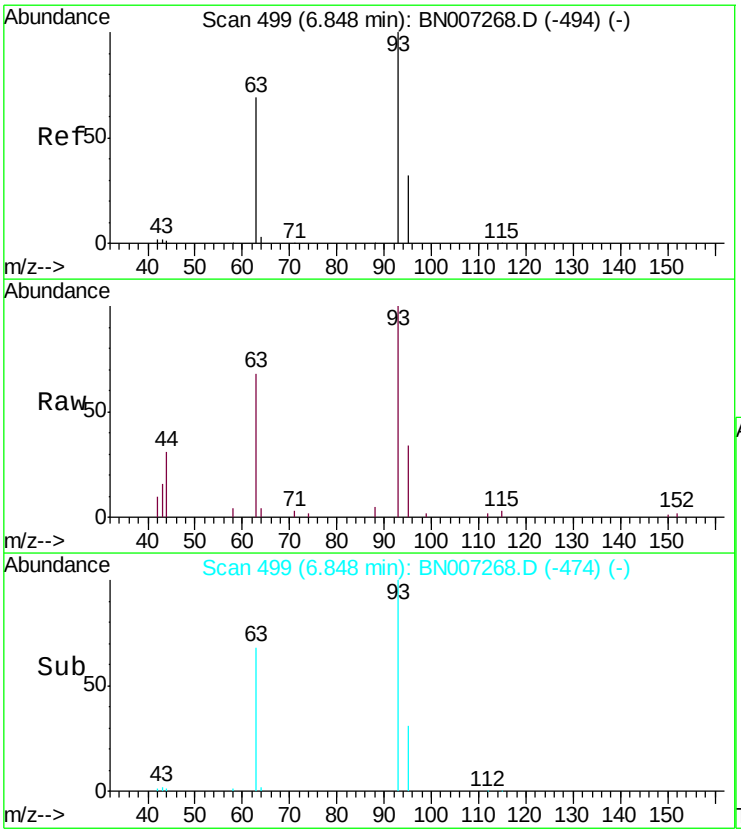
#5
Phenol-d6
Concen: 0.438 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 6775

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.3	21.5
71	34.1	27.3	40.9

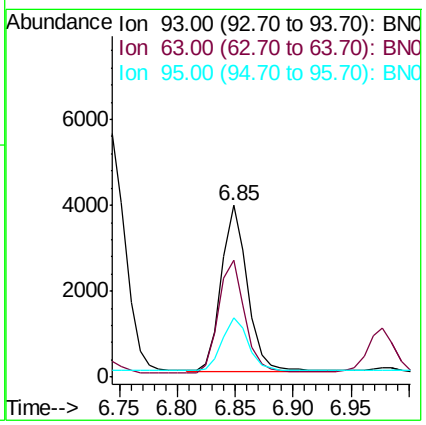


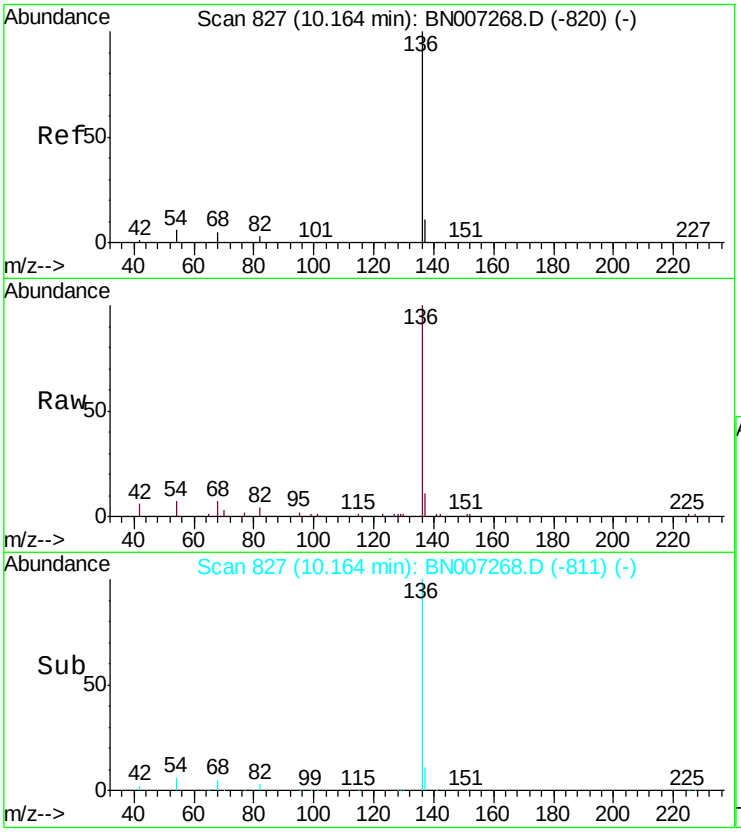


#6
bis(2-Chloroethyl)ether
Concen: 0.356 ng
RT: 6.85 min Scan# 499
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion: 93 Resp: 6120

Ion	Ratio	Lower	Upper
93	100		
63	68.0	54.4	81.6
95	31.9	25.5	38.3



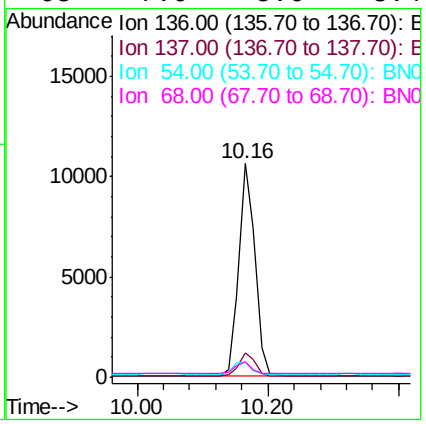


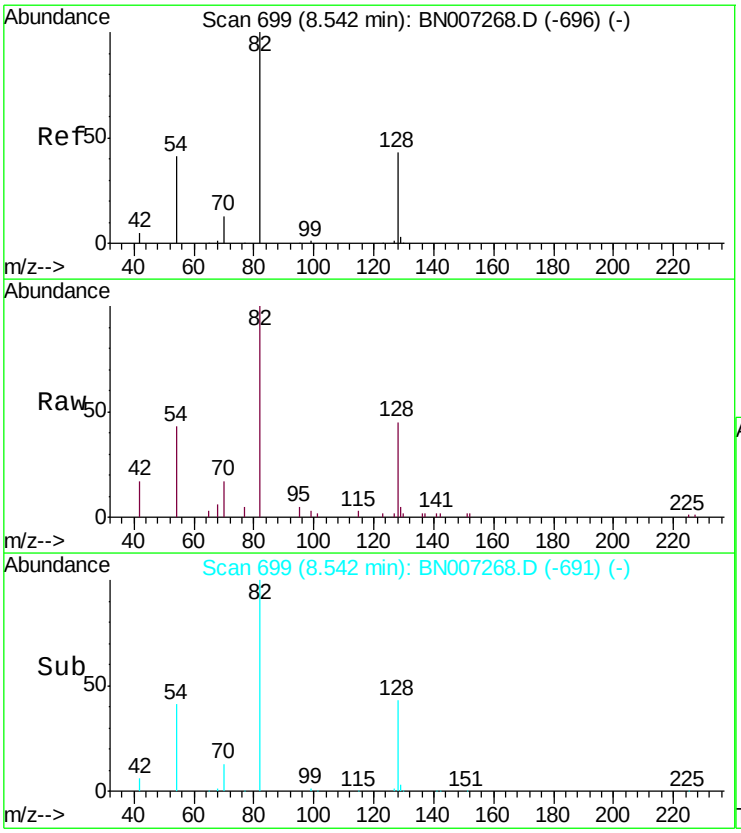
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 18170

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.4	5.9	8.9
68	7.0	5.6	8.4

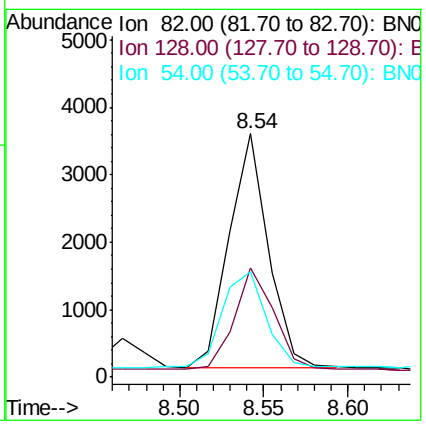


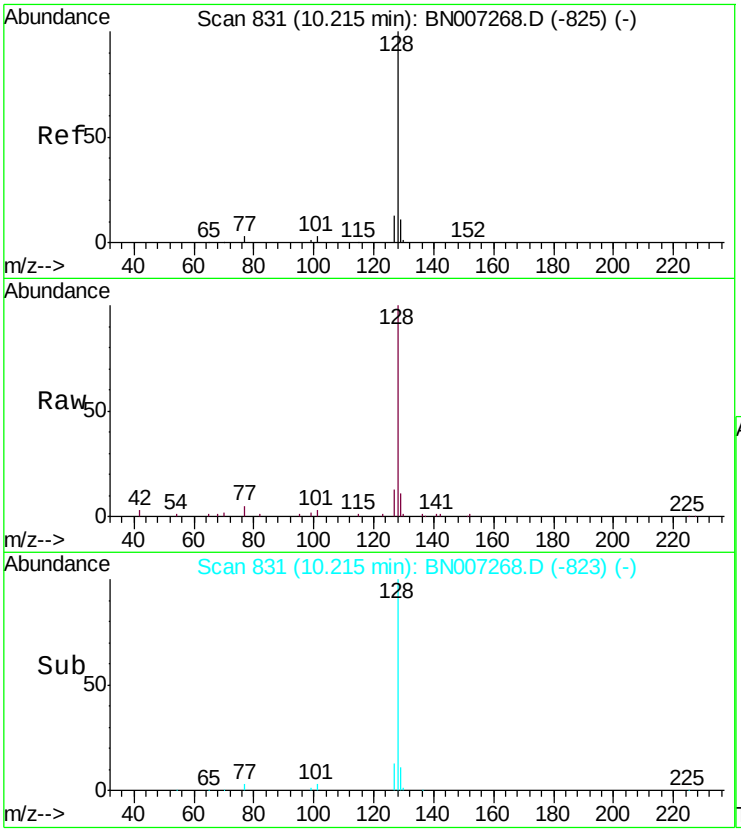


#8
Nitrobenzene-d5
Concen: 0.457 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion: 82 Resp: 5665

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.8	53.6
54	43.4	34.7	52.1



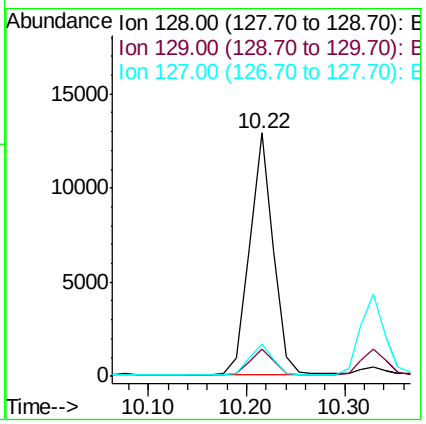


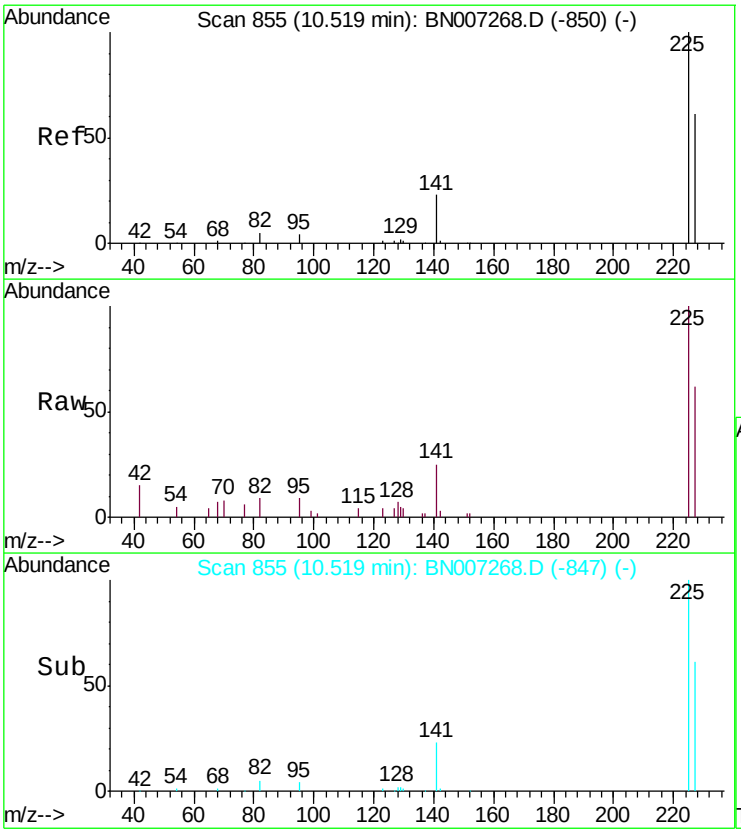
#9
Naphthalene
Concen: 0.441 ng
RT: 10.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 21478

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.3	10.6	16.0

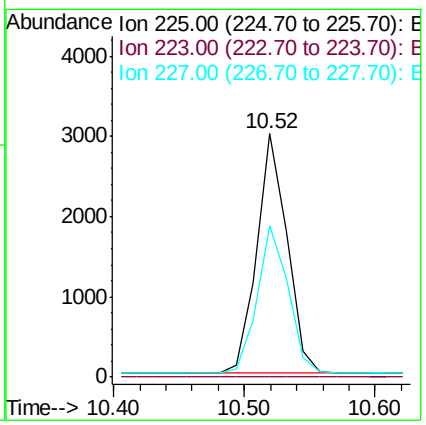


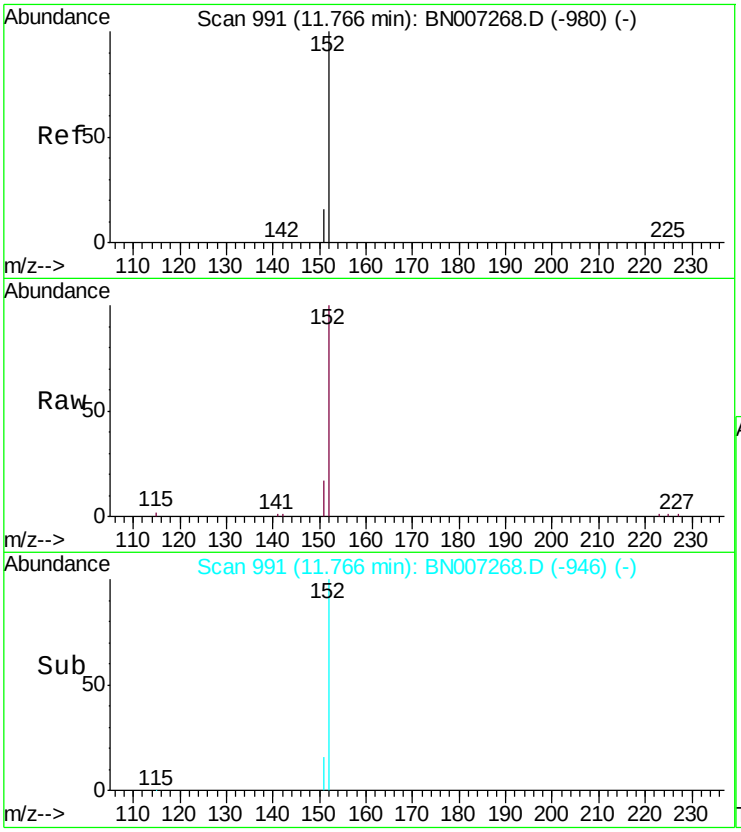


#10
Hexachlorobutadiene
Concen: 0.453 ng
RT: 10.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:225 Resp: 4782

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.7	50.2	75.2



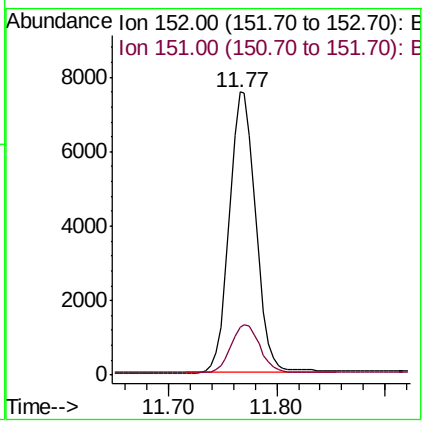


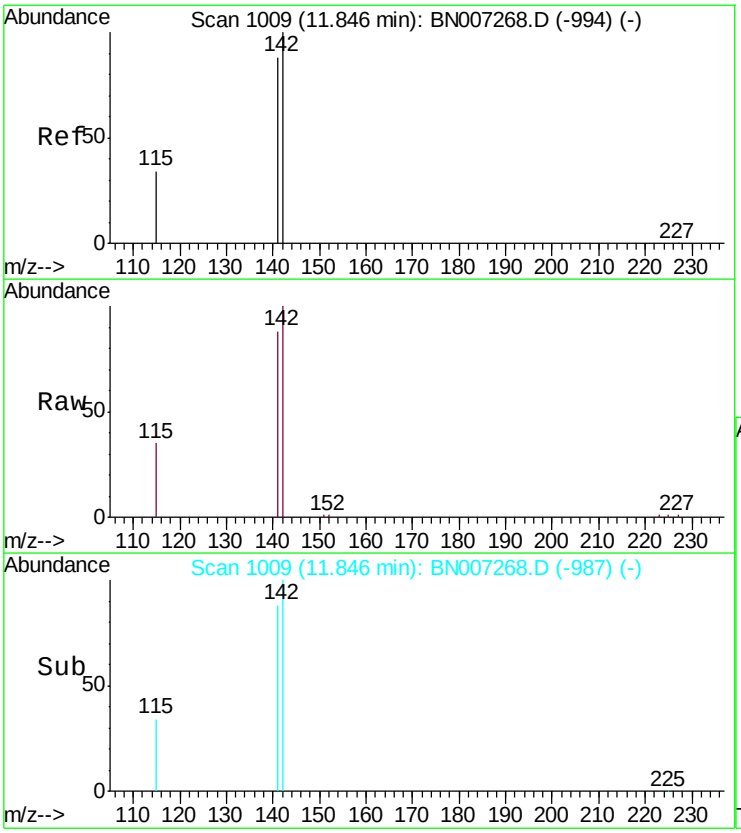
#11
2-Methylnaphthalene-d10
Concen: 0.473 ng
RT: 11.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 12832

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

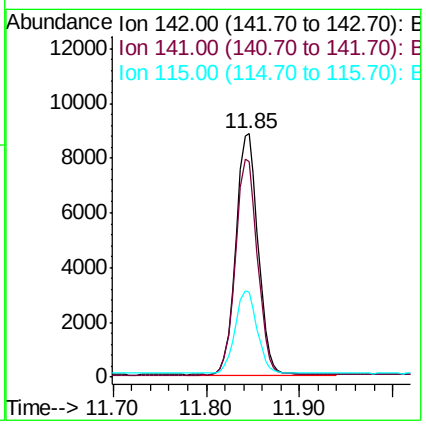


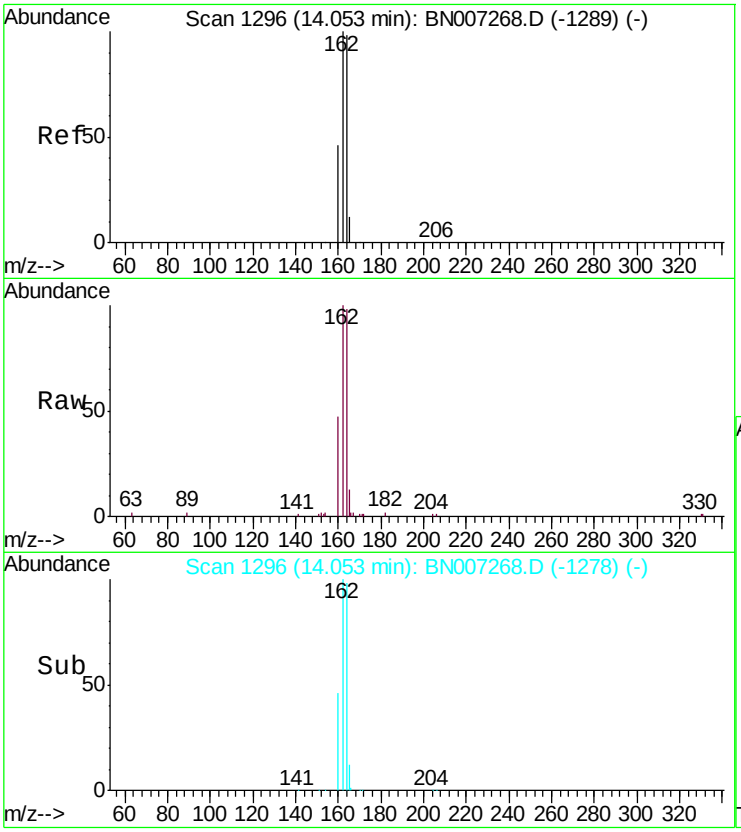


#12
2-Methylnaphthalene
Concen: 0.468 ng
RT: 11.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:142 Resp: 14568

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1
115	35.1	28.1	42.1



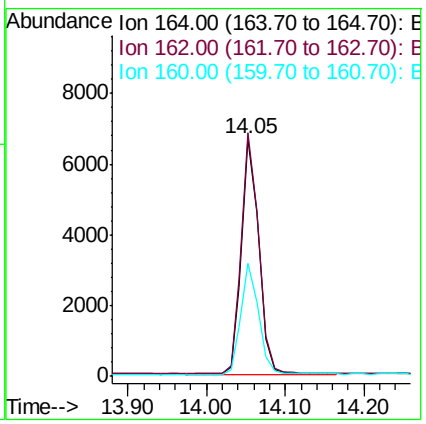


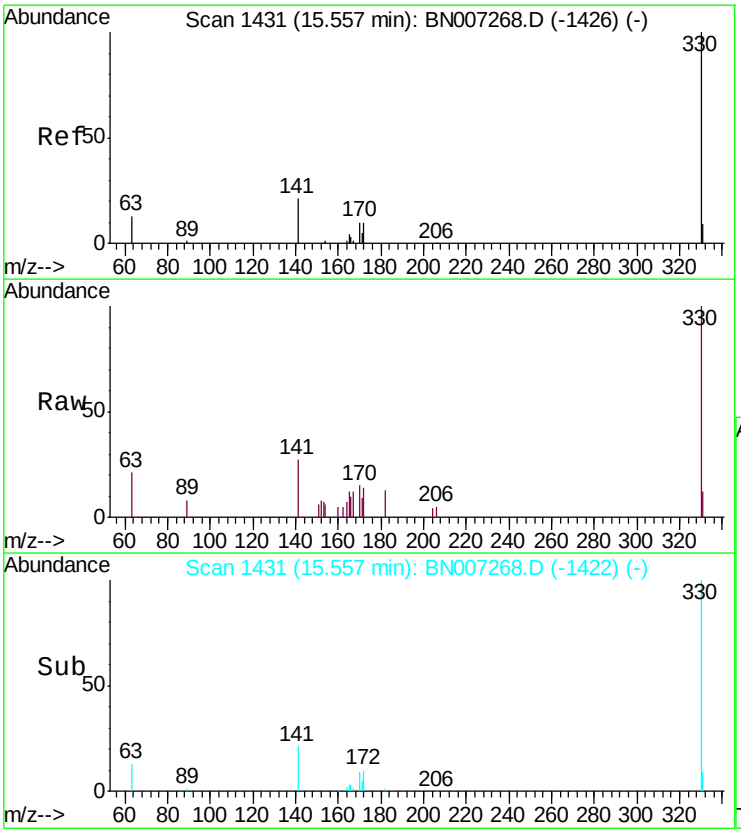
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 10190

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.0	123.0
160	47.8	38.2	57.4

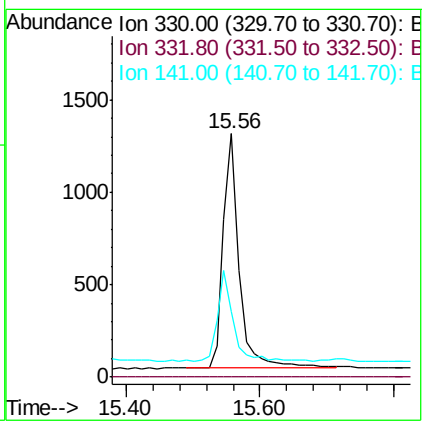


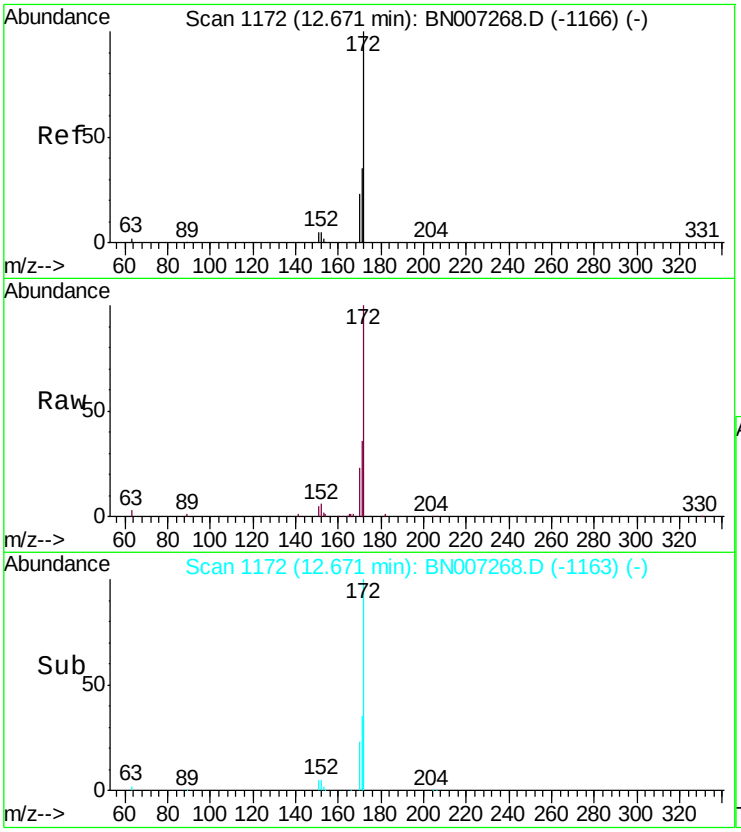


#14
2,4,6-Tribromophenol
Concen: 0.449 ng
RT: 15.56 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:330 Resp: 2134

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.8	30.3	45.5



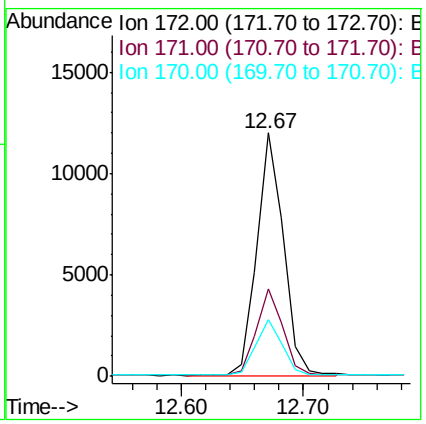


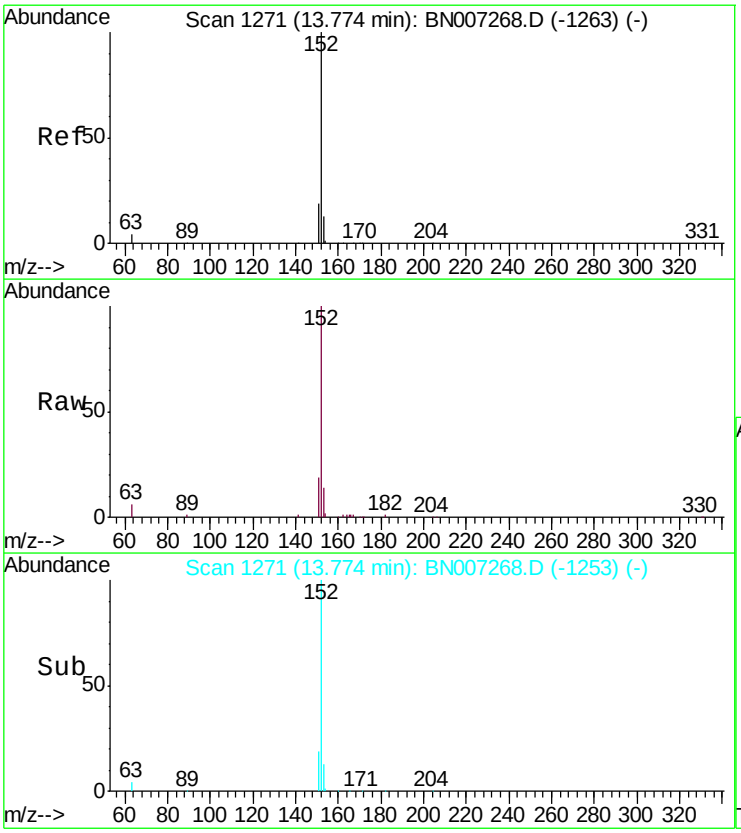
#15
2-Fluorobiphenyl
Concen: 0.480 ng
RT: 12.67 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 18204

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.4	18.7	28.1

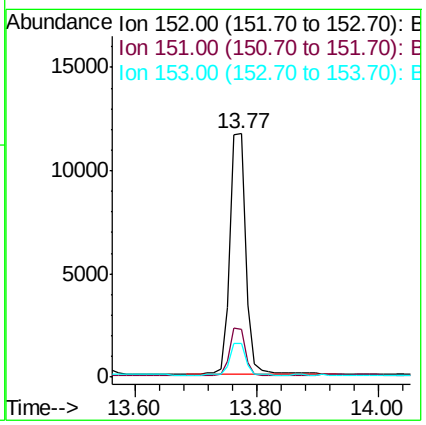


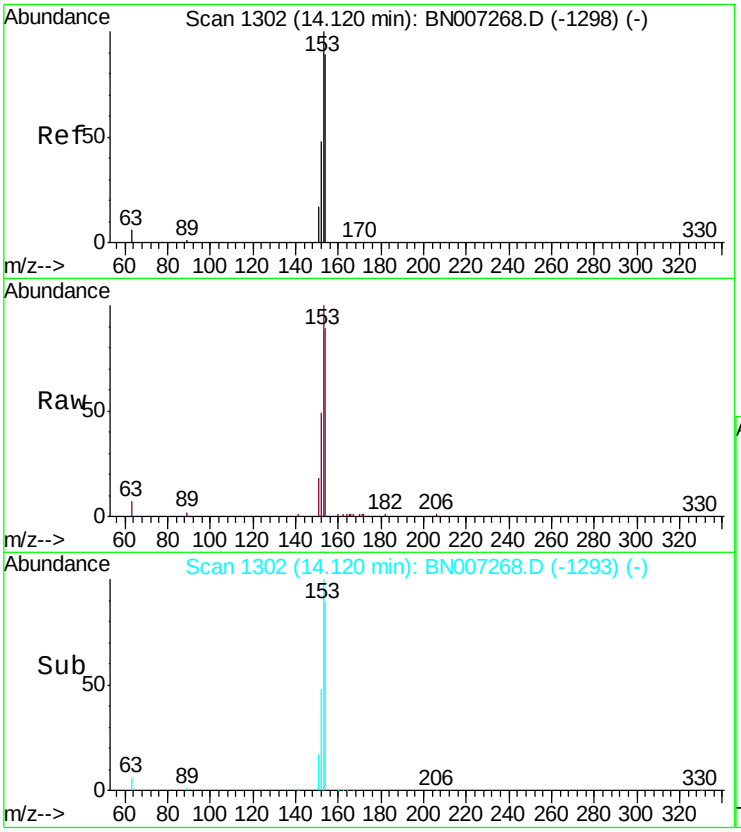


#16
Acenaphthylene
Concen: 0.443 ng
RT: 13.77 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:152 Resp: 21329

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	12.6	10.1	15.1



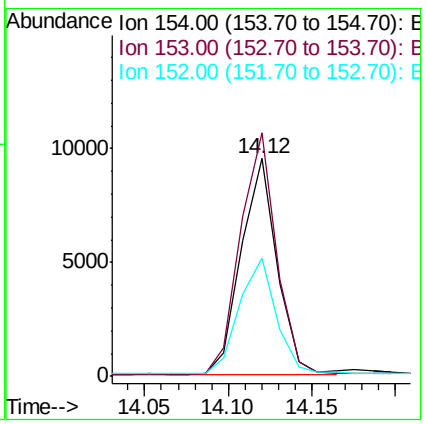


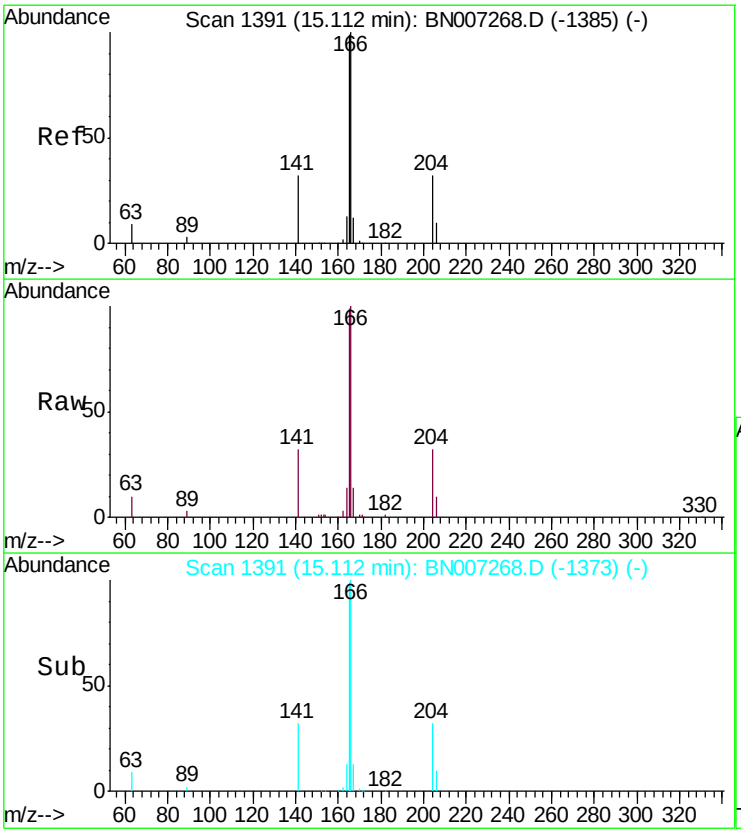
#17
Acenaphthene
Concen: 0.437 ng
RT: 14.12 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 14115

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.9	134.9
152	54.9	43.9	65.9

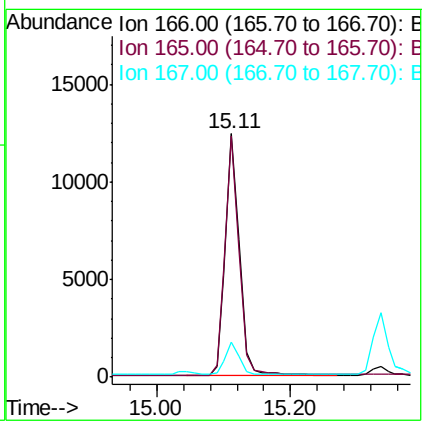


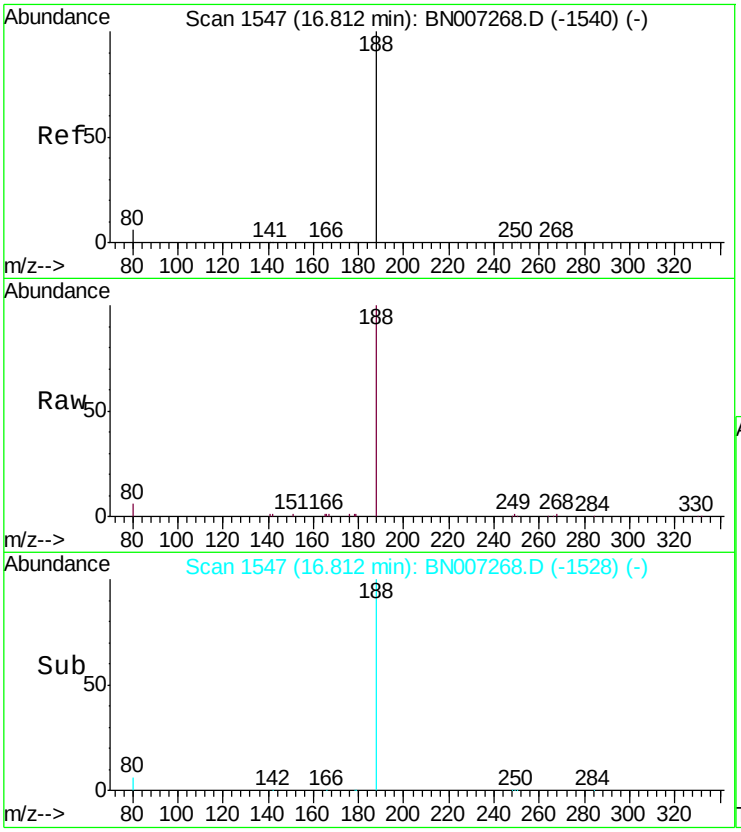


#18
Fluorene
Concen: 0.457 ng
RT: 15.11 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:166 Resp: 18270

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.3	117.5
167	13.9	11.1	16.7



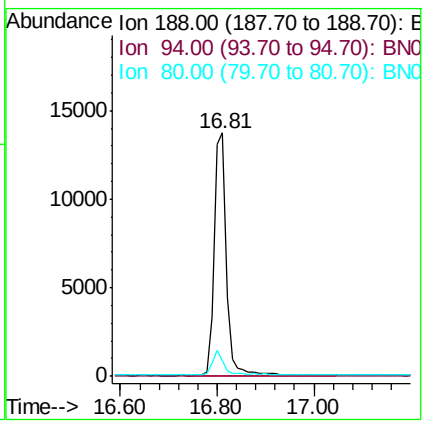


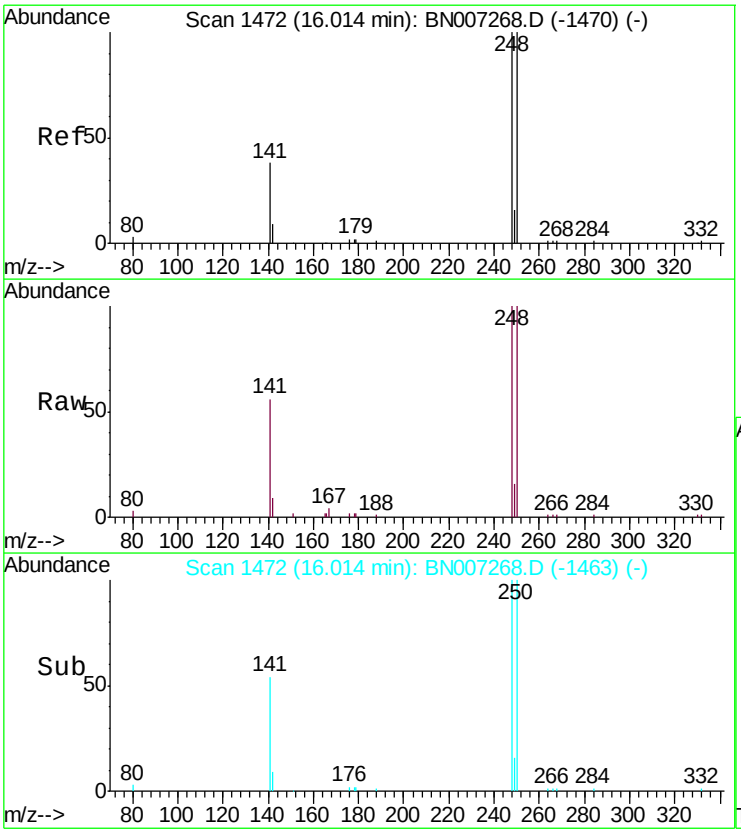
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 23866

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	5.2	7.8

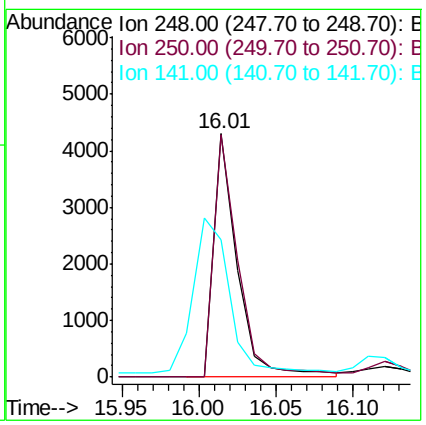


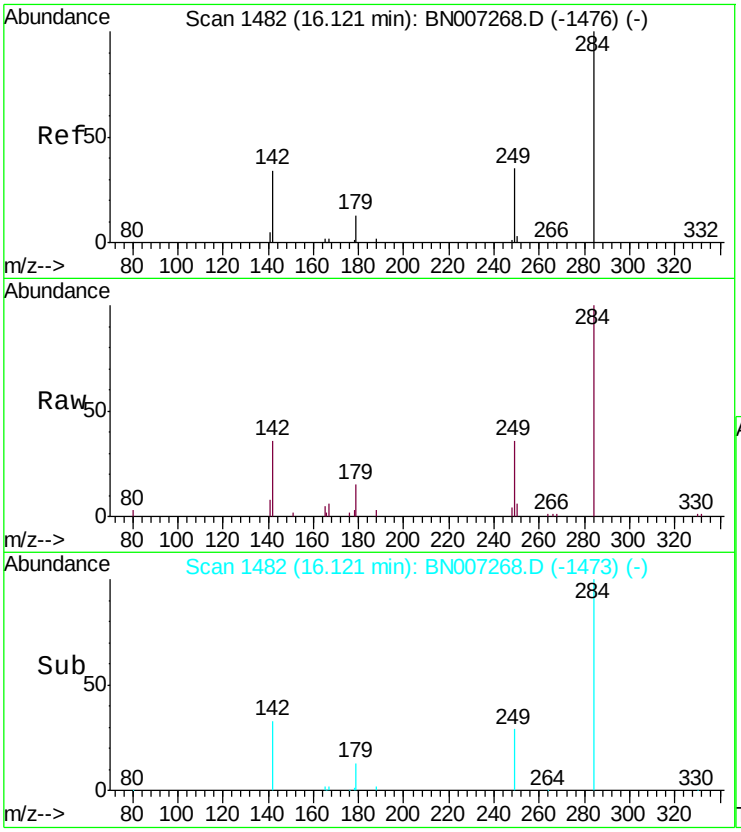


#20
4-Bromophenyl-phenylether
Concen: 0.341 ng
RT: 16.01 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:248 Resp: 4599

Ion	Ratio	Lower	Upper
248	100		
250	99.5	79.6	119.4
141	56.4	45.1	67.7



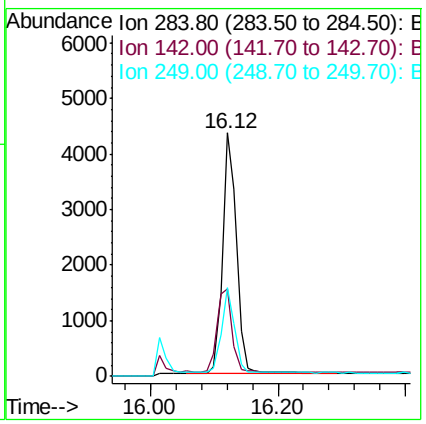


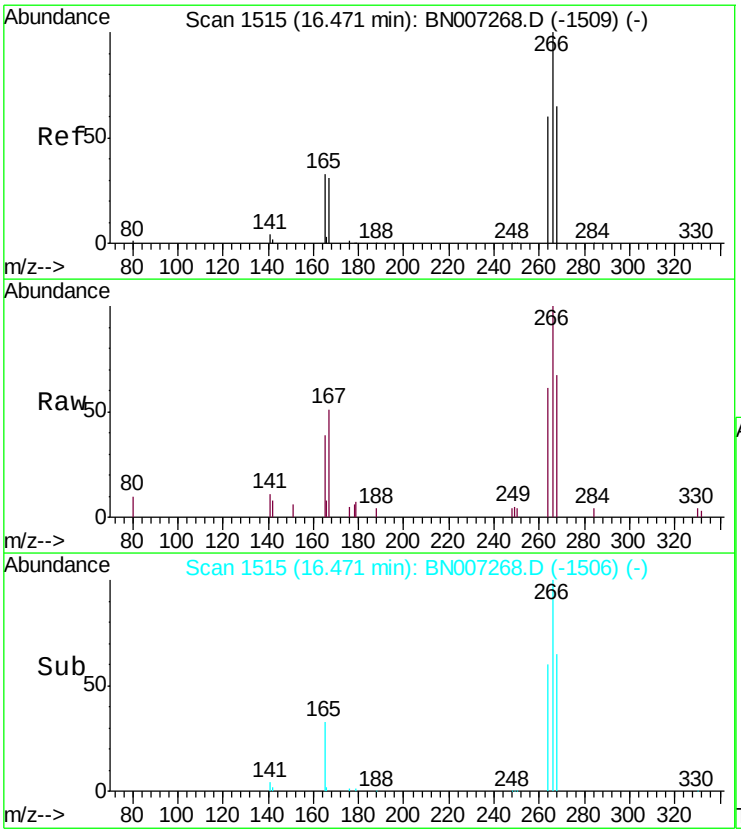
#21
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 6545

Ion	Ratio	Lower	Upper
284	100		
142	36.9	29.5	44.3
249	32.8	26.2	39.4

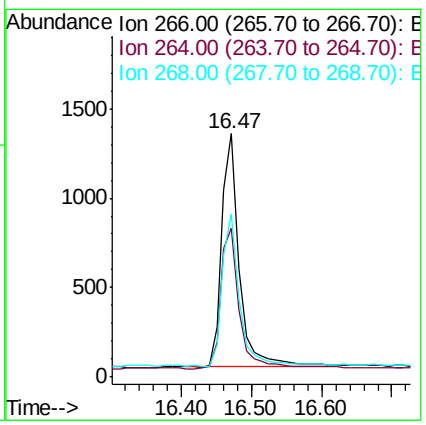


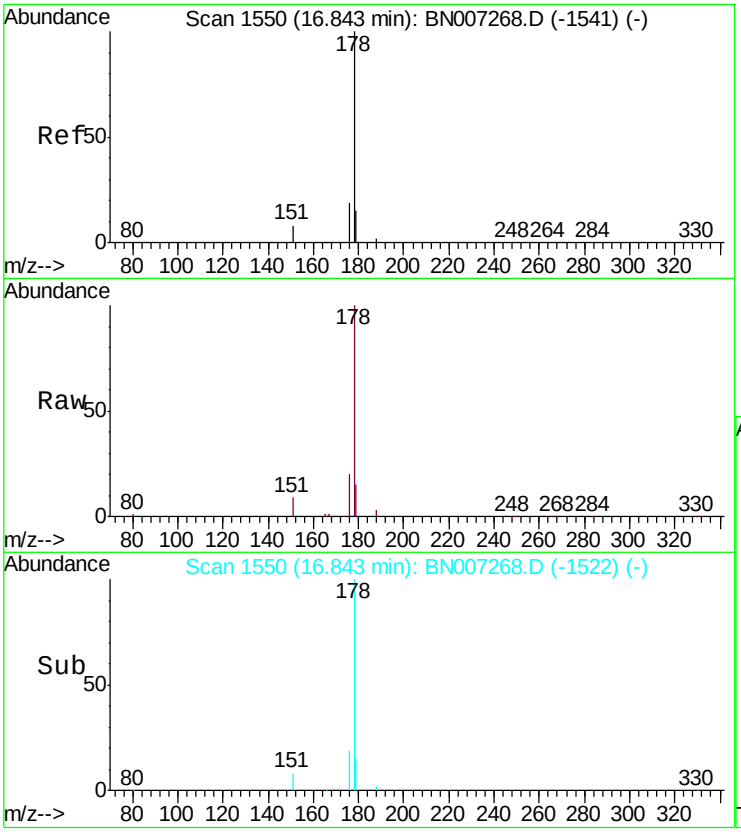


#22
Pentachlorophenol
Concen: 0.996 ng
RT: 16.47 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:266 Resp: 2310

Ion	Ratio	Lower	Upper
266	100		
264	60.9	48.7	73.1
268	66.9	53.5	80.3



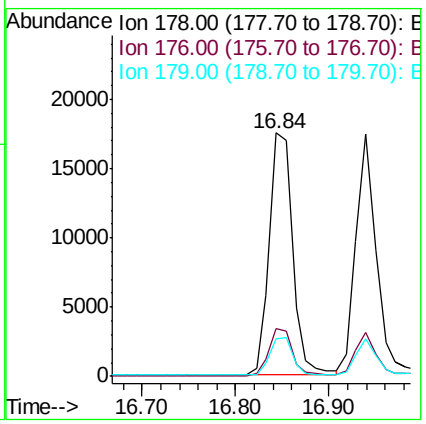


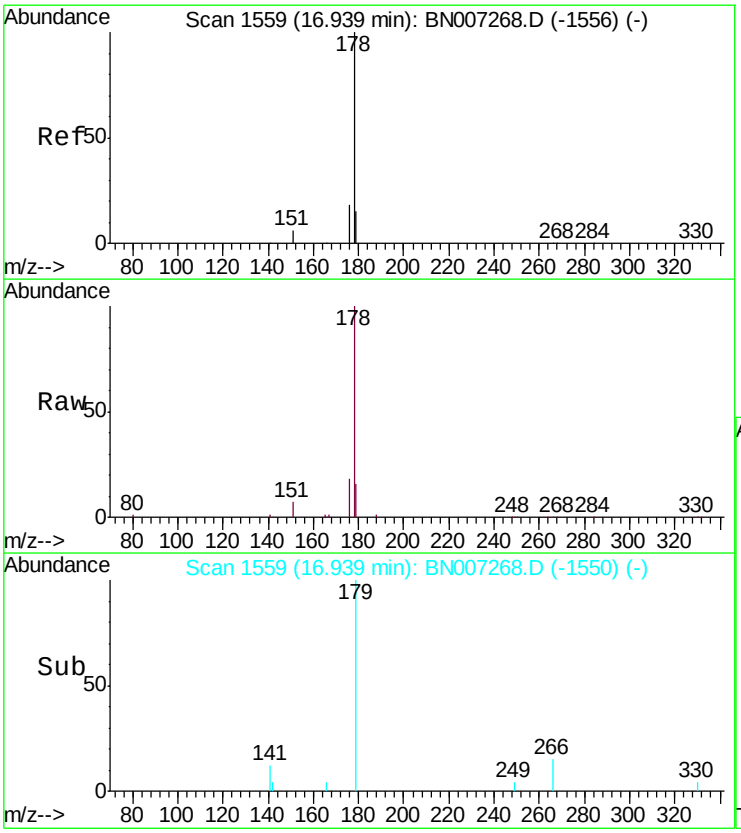
#23
Phenanthrene
Concen: 0.461 ng
RT: 16.84 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 30513

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.4	12.3	18.5

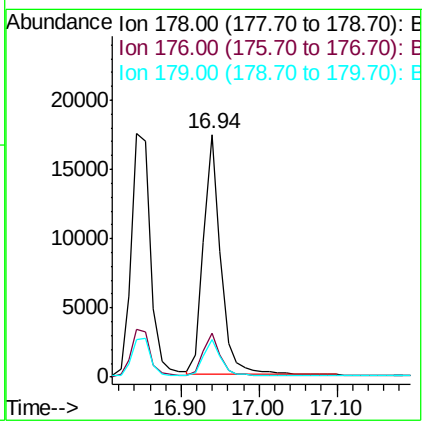


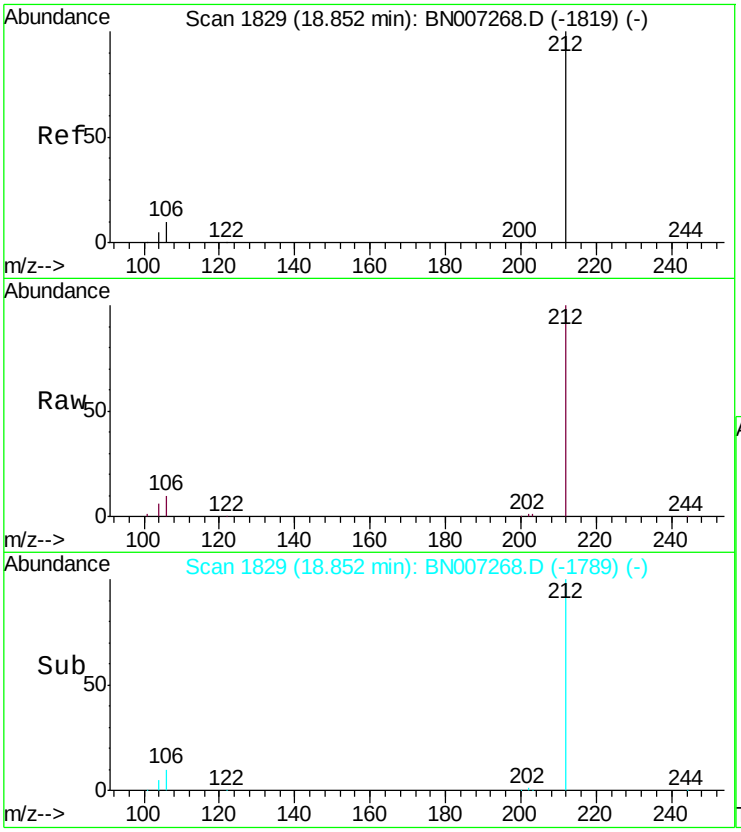


#24
Anthracene
Concen: 0.468 ng
RT: 16.94 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:178 Resp: 26843

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.3	21.5
179	15.4	12.3	18.5



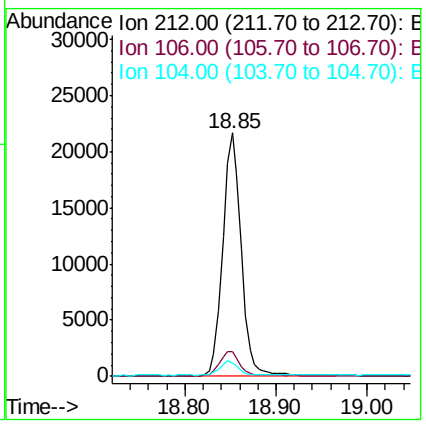


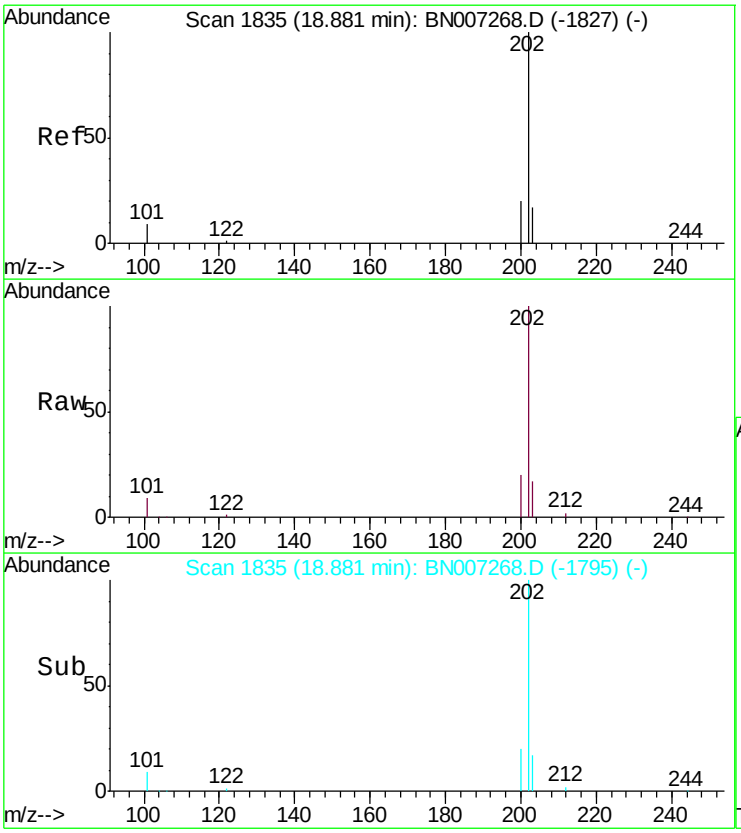
#25
Fluoranthene-d10
Concen: 0.422 ng
RT: 18.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 30389

Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.2	12.4
104	5.9	4.7	7.1

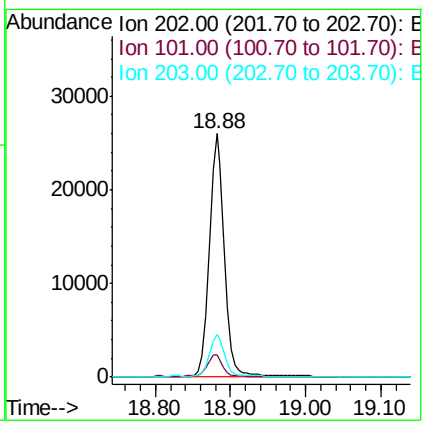


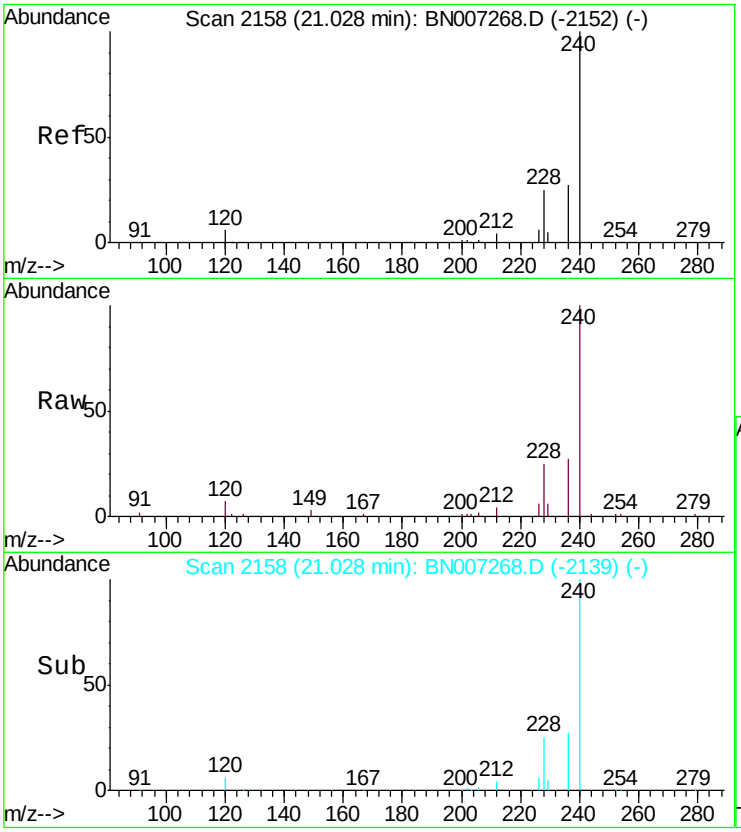


#26
Fluoranthene
Concen: 0.440 ng
RT: 18.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:202 Resp: 36546

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.2	13.8	20.6



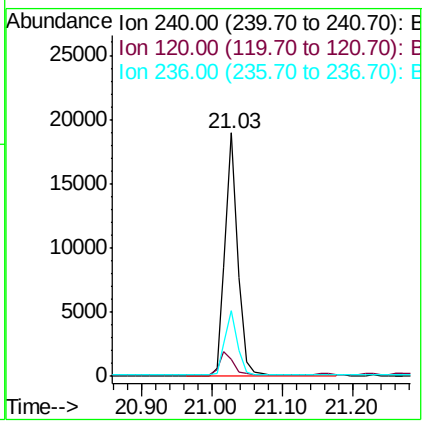


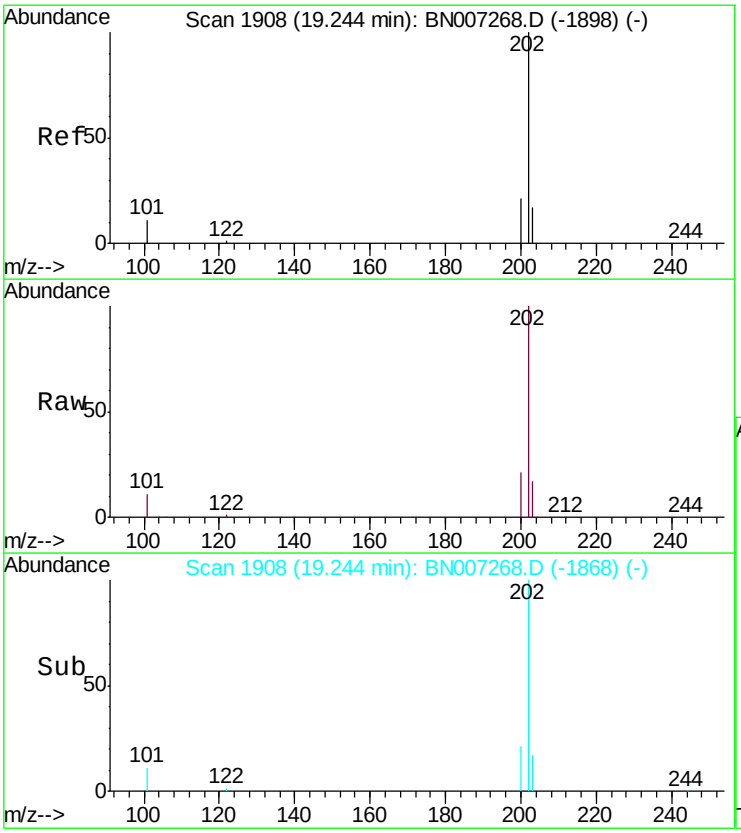
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 23845

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.6	8.4
236	27.0	21.6	32.4

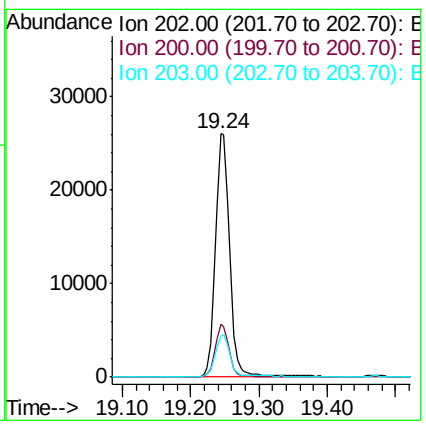


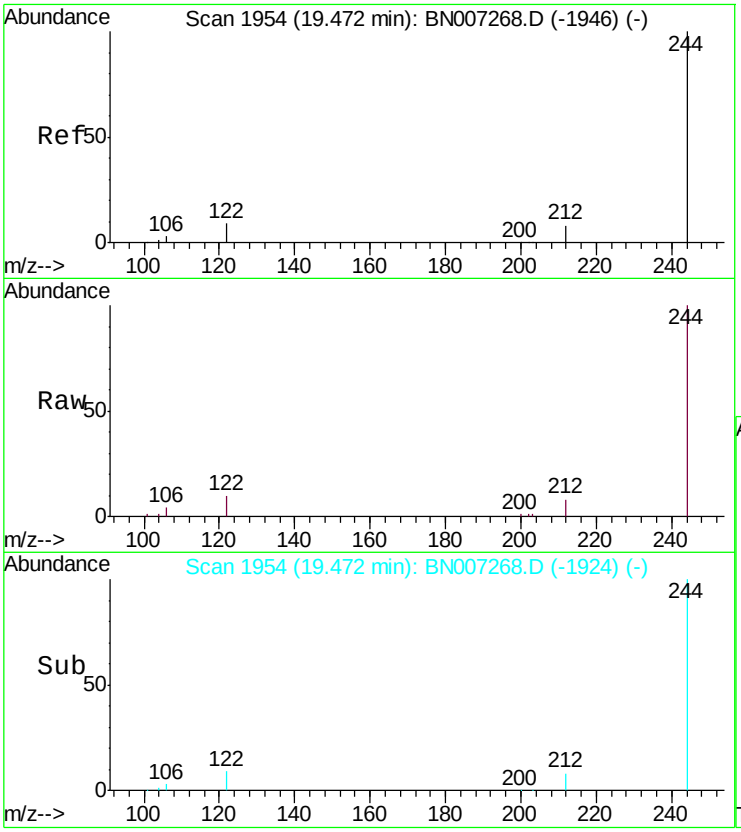


#28
Pyrene
Concen: 0.443 ng
RT: 19.24 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:202 Resp: 36676

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.4	13.9	20.9



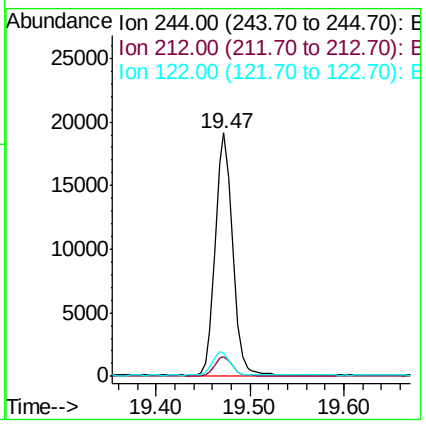


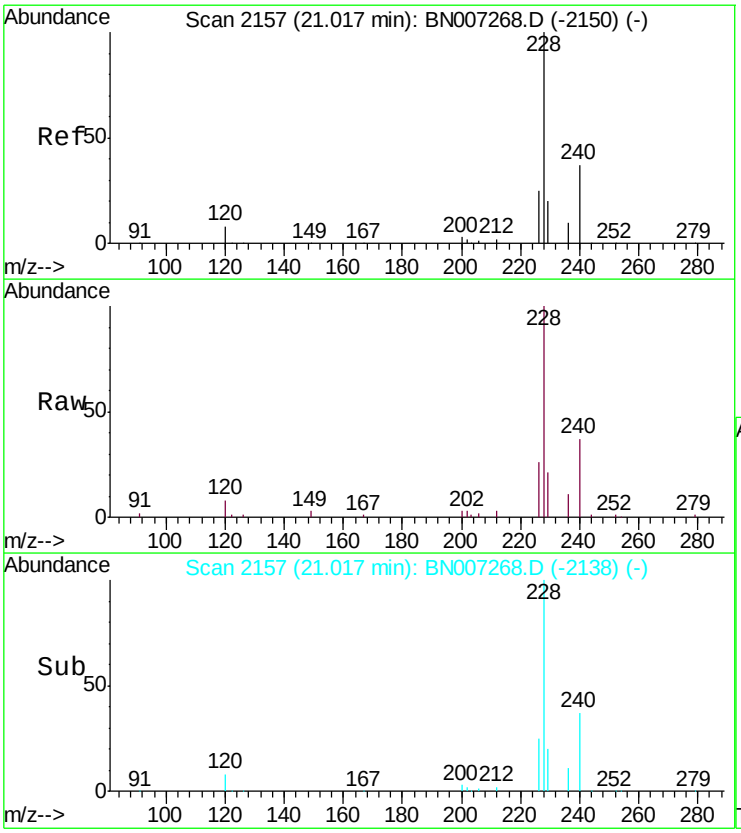
#29
Terphenyl-d14
Concen: 0.465 ng
RT: 19.47 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 24452

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	9.9	7.9	11.9

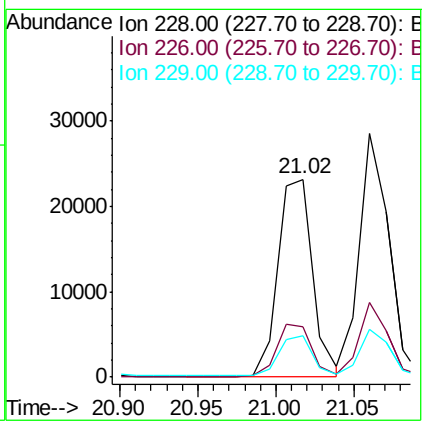


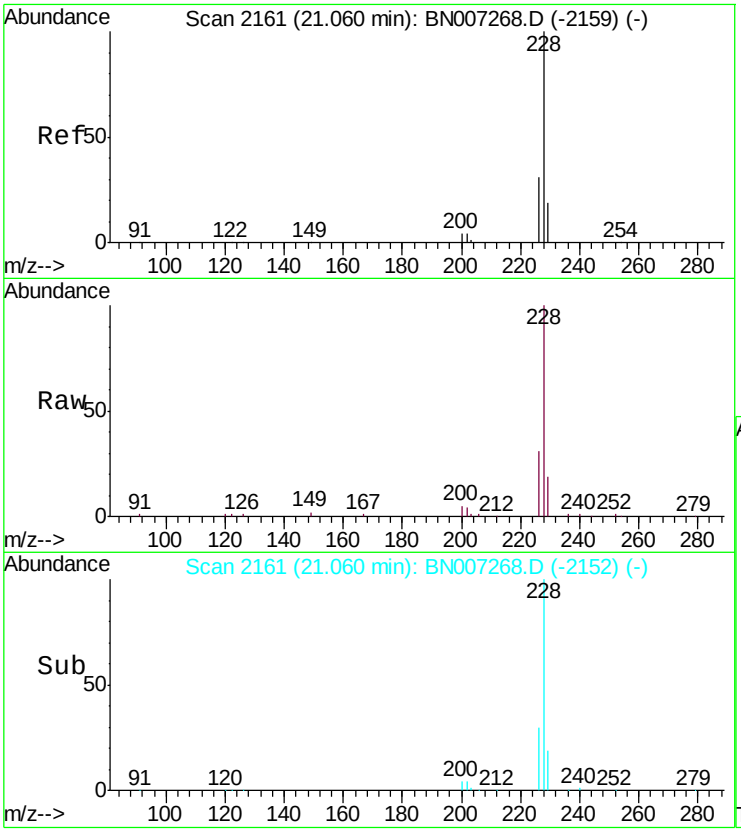


#30
Benzo(a)anthracene
Concen: 0.482 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:228 Resp: 35443

Ion	Ratio	Lower	Upper
228	100		
226	25.7	20.6	30.8
229	21.1	16.9	25.3



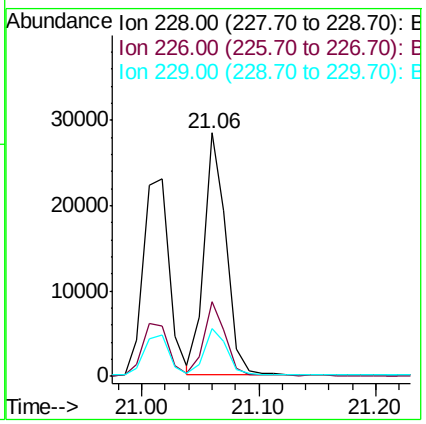


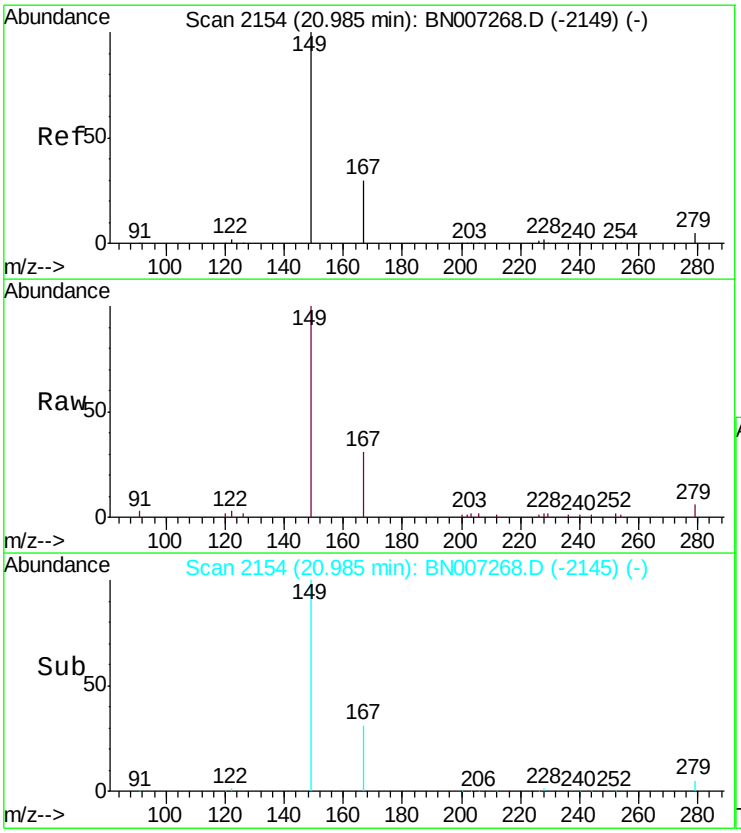
#31
Chrysene
Concen: 0.451 ng
RT: 21.06 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 37149

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	19.5	15.6	23.4

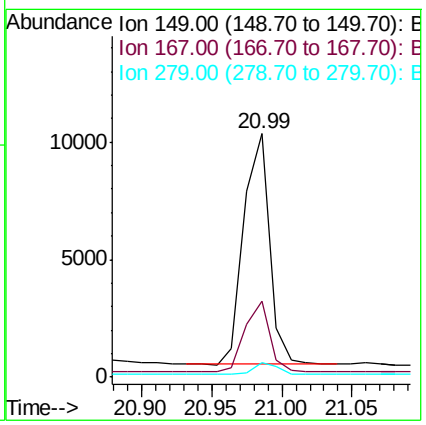


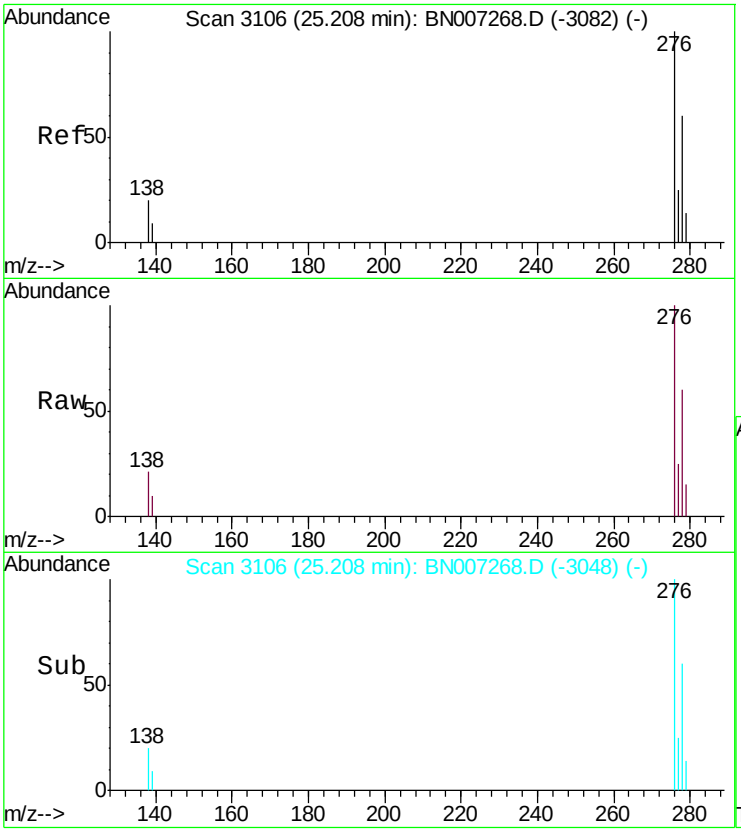


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.366 ng
RT: 20.99 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:149 Resp: 12532

Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.8	35.6
279	4.8	3.8	5.8



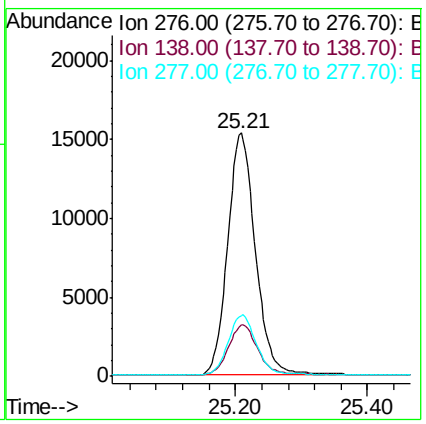


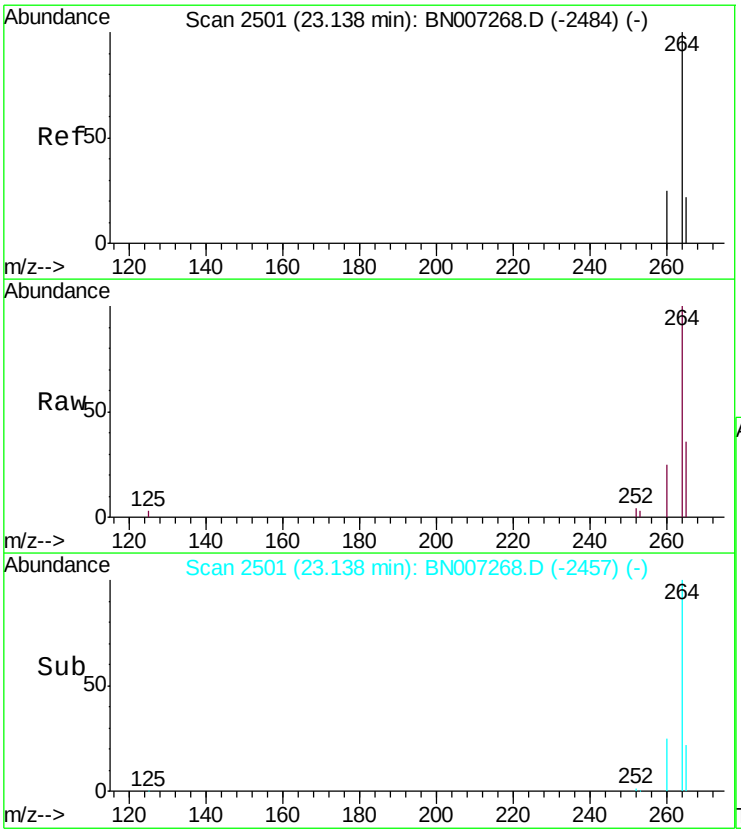
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng
RT: 25.21 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 44969

Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.1	25.7
277	25.1	20.1	30.1

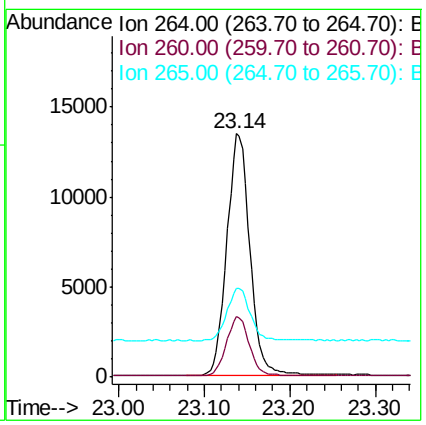


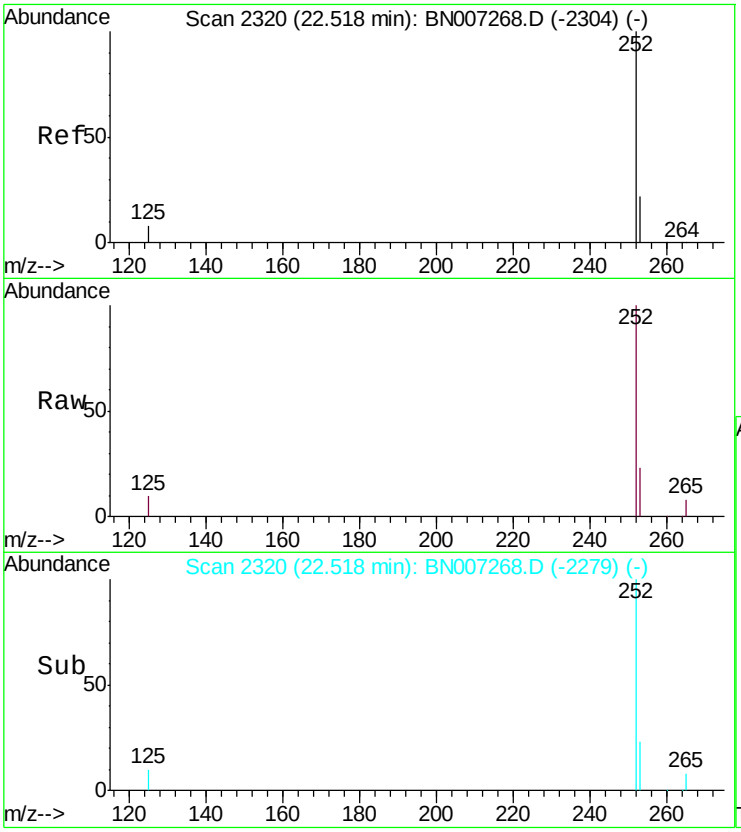


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:264 Resp: 25218

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	36.3	29.0	43.6



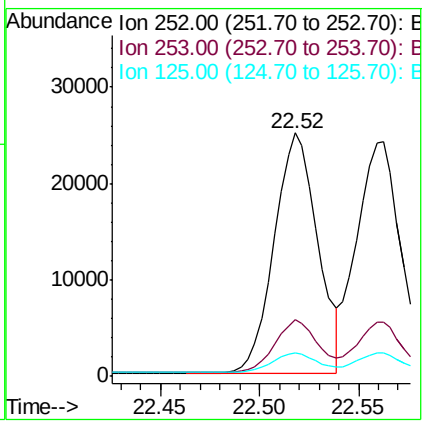


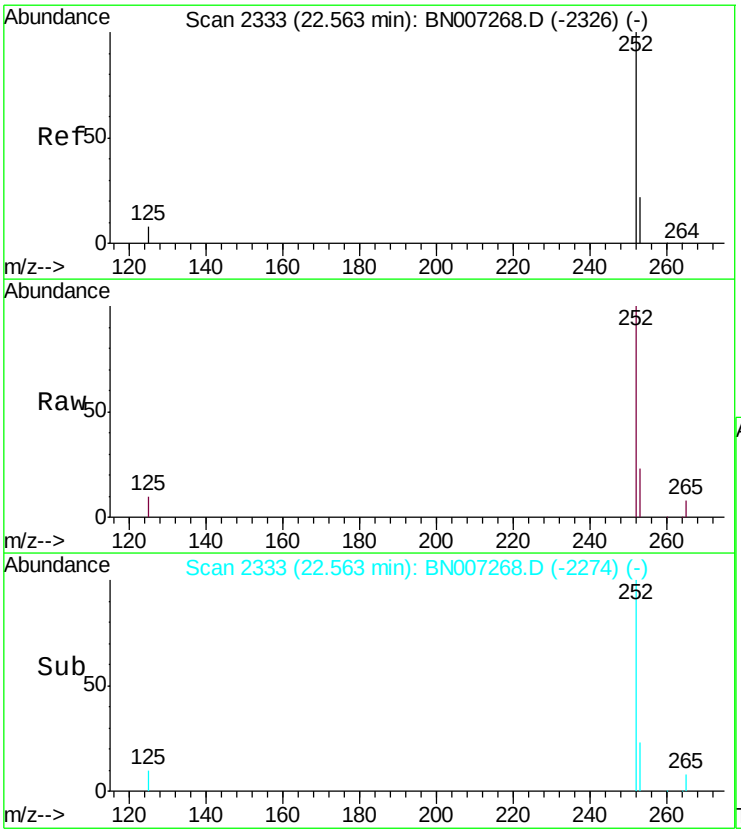
#35
Benzo(b)fluoranthene
Concen: 0.480 ng
RT: 22.52 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 38071

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	9.7	7.8	11.6

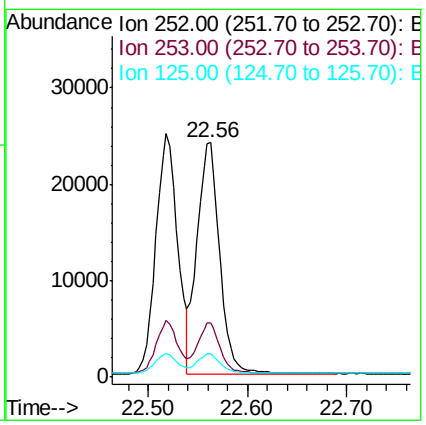


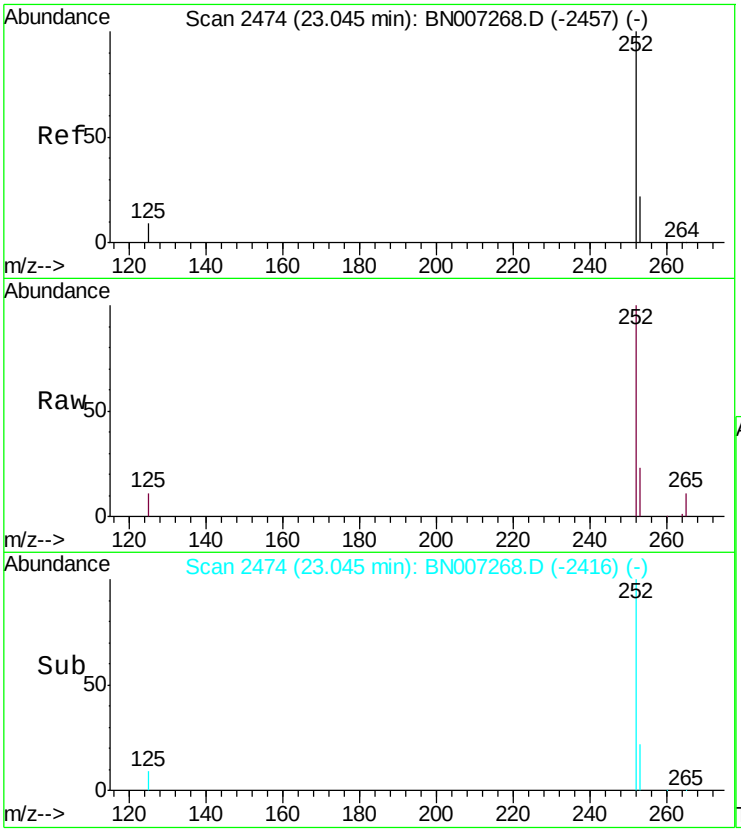


#36
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 22.56 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:252 Resp: 38364

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	10.0	8.0	12.0



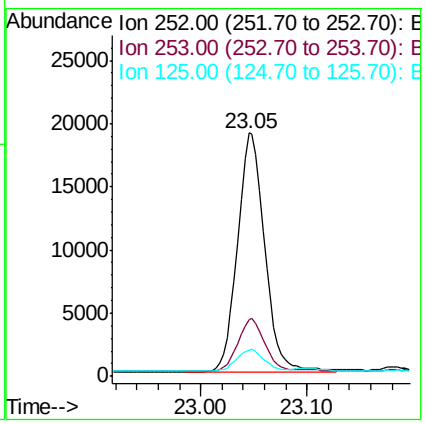


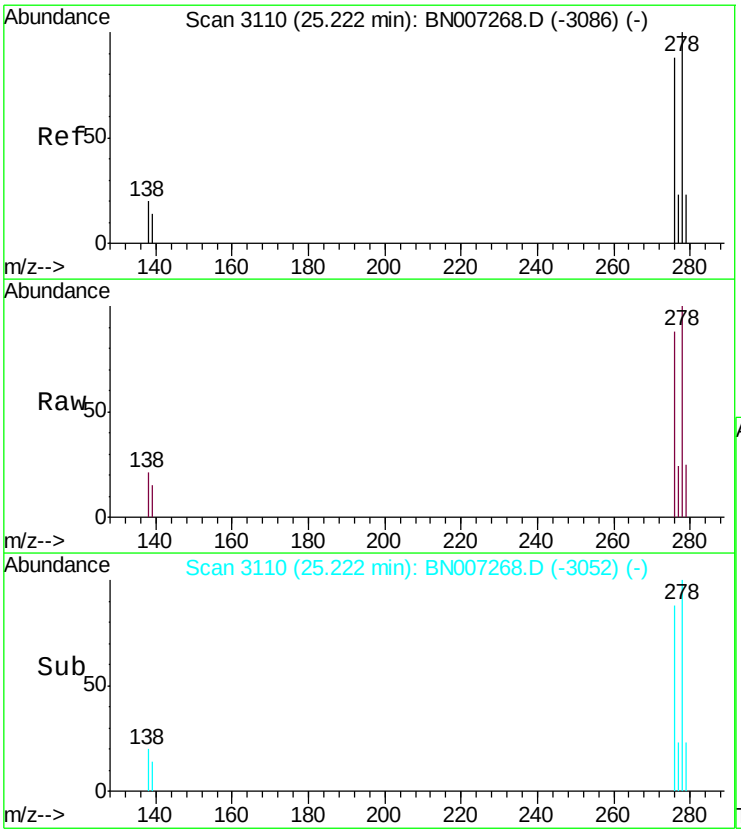
#37
Benzo(a)pyrene
Concen: 0.442 ng
RT: 23.05 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 33992

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	10.9	8.7	13.1

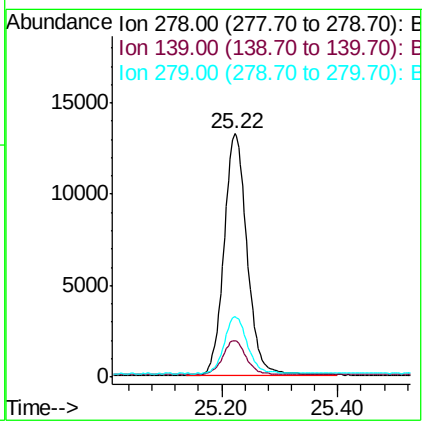


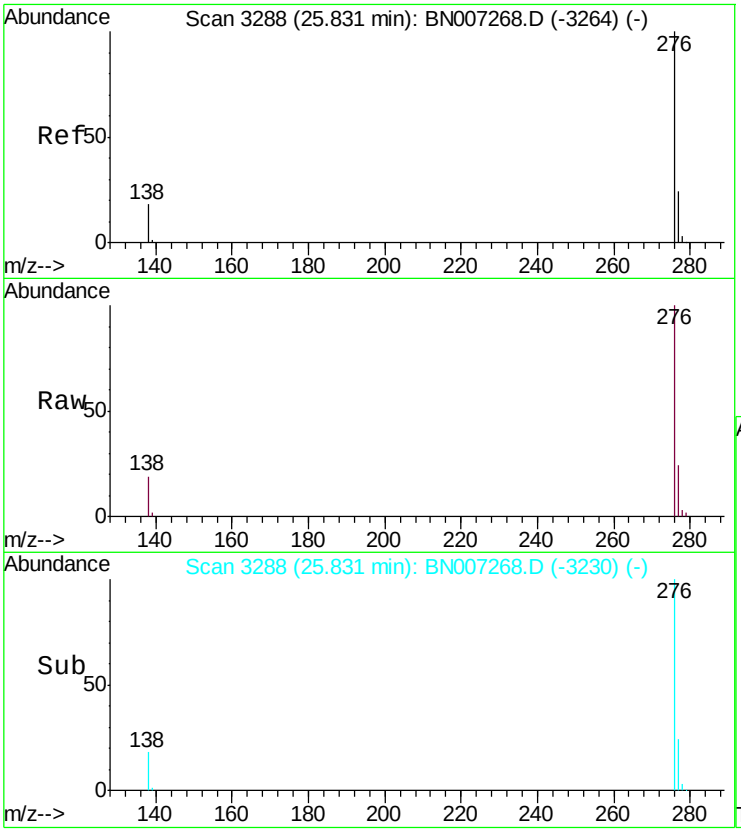


#38
Dibenzo(a,h)anthracene
Concen: 0.474 ng
RT: 25.22 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Tgt Ion:278 Resp: 36750

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.8	17.8
279	24.7	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.457 ng
RT: 25.83 min Scan# 3288
Delta R.T. 0.00 min
Lab File: BN007268.D
Acq: 20 Aug 2019 17:14

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 37128

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