Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007266.D
Acq On : 20 Aug 2019 16:01
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Aug 20 18:04:06 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	5138	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	19285	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	11017	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	25647	0.40	ng		0.00
27) Chrysene-d12	21.03	240	27342	0.40	ng		0.00
34) Perylene-d12	23.14	264	27694	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	45084	3.95	ng		0.00
5) Phenol-d6	6.60	99	54720	3.48	ng		0.00
8) Nitrobenzene-d5	8.54	82	48162	3.66	ng		0.00
11) 2-Methylnaphthalene-d10	11.77	152	107003	3.71	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	19833	3.86	ng		0.00
15) 2-Fluorobiphenyl	12.68	172	151676	3.70	ng		0.00
25) Fluoranthene-d10	18.85	212	269362	3.48	ng		0.00
29) Terphenyl-d14	19.47	244	213594	3.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	20522	2.432	ng		93
3) n-Nitrosodimethylamine	3.31	42	16485	2.518	ng		99
6) bis(2-Chloroethyl)ether	6.85	93	48860	2.795	ng		98
9) Naphthalene	10.22	128	173772	3.364	ng		99
10) Hexachlorobutadiene	10.52	225	37812	3.376	ng	#	99
12) 2-Methylnaphthalene	11.84	142	122701	3.716	ng		99
16) Acenaphthylene	13.77	152	198376	3.813	ng		99
17) Acenaphthene	14.11	154	122268	3.500	ng		99
18) Fluorene	15.12	166	159650	3.690	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	48385	3.335	ng	#	87
21) Hexachlorobenzene	16.12	284	54959	2.909	ng		99
22) Pentachlorophenol	16.46	266	24705	9.915	ng		96
23) Phenanthrene	16.85	178	263919	3.712	ng		100
24) Anthracene	16.94	178	245443	3.984	ng		99
26) Fluoranthene	18.88	202	322159	3.610	ng		100
28) Pyrene	19.25	202	322768	3.397	ng		100
30) Benzo(a)anthracene	21.02	228	338281	4.014	ng		98
31) Chrysene	21.07	228	333735	3.534	ng		97
32) Bis(2-ethylhexyl)phthalate	20.98	149	142241	3.625	ng		99
33) Indeno(1,2,3-cd)pyrene	25.21	276	391935	3.391	ng		100
35) Benzo(b)fluoranthene	22.52	252	342435	3.934	ng		97
36) Benzo(k)fluoranthene	22.56	252	330642	3.385	ng		97
37) Benzo(a)pyrene	23.05	252	309980	3.673	ng		96
38) Dibenzo(a,h)anthracene	25.22	278	318564	3.744	ng		98
39) Benzo(g,h,i)perylene	25.83	276	320560	3.596	ng		98

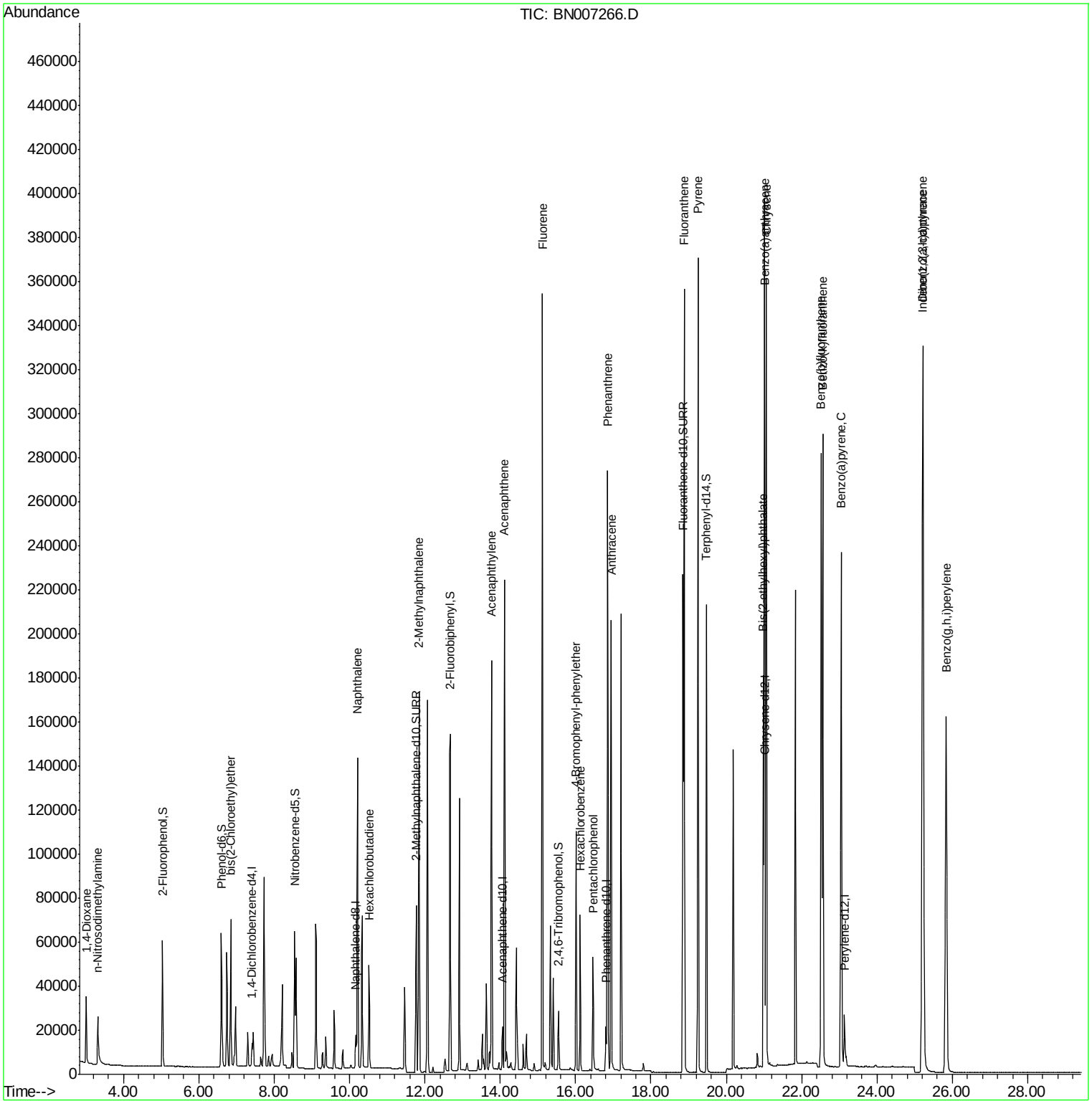
(#) = qualifier out of range (m) = manual integration (+) = signals summed

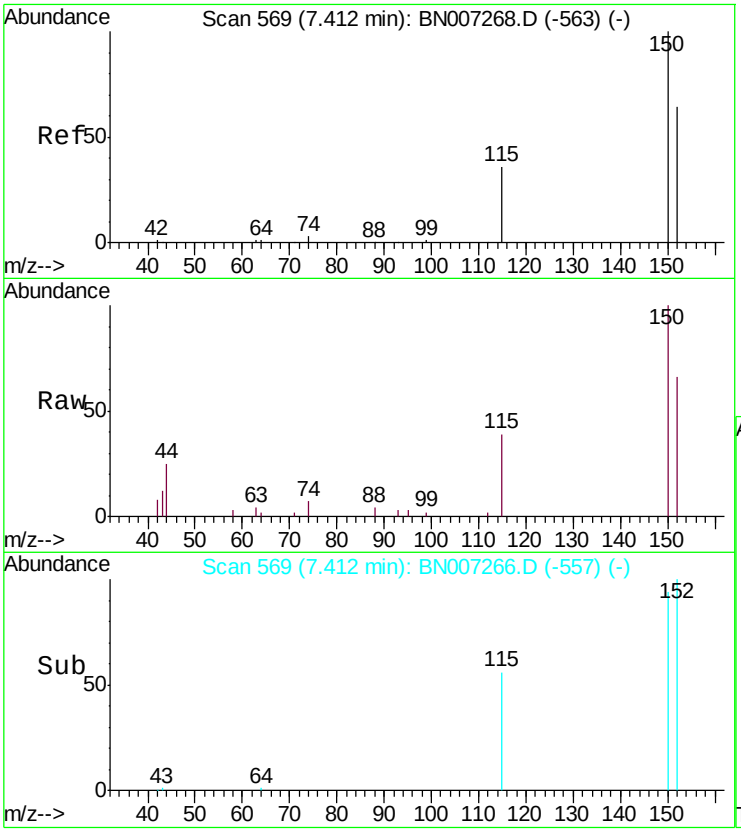
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
Data File : BN007266.D
Acq On : 20 Aug 2019 16:01
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Aug 20 18:04:06 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



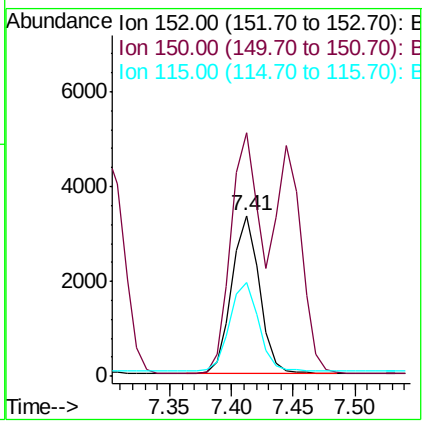


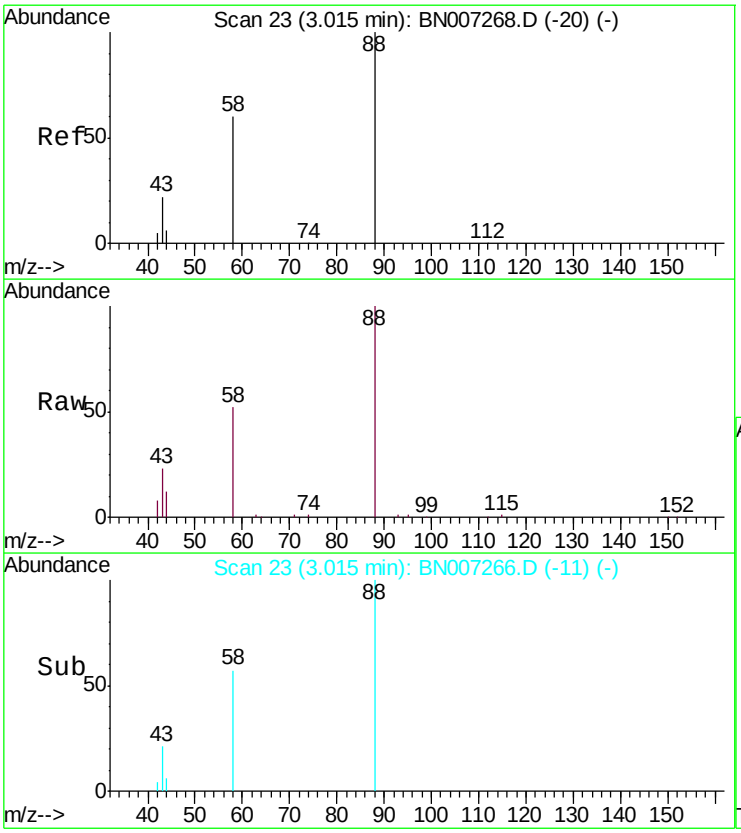
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 5138

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.8	185.8
115	58.4	47.3	70.9

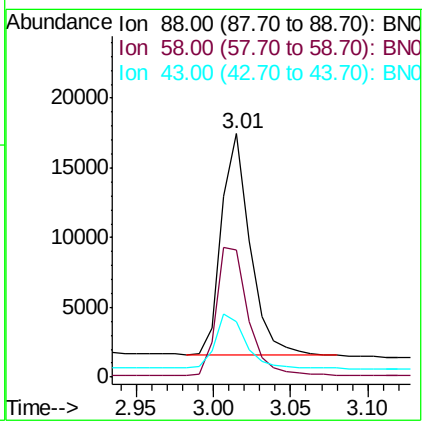


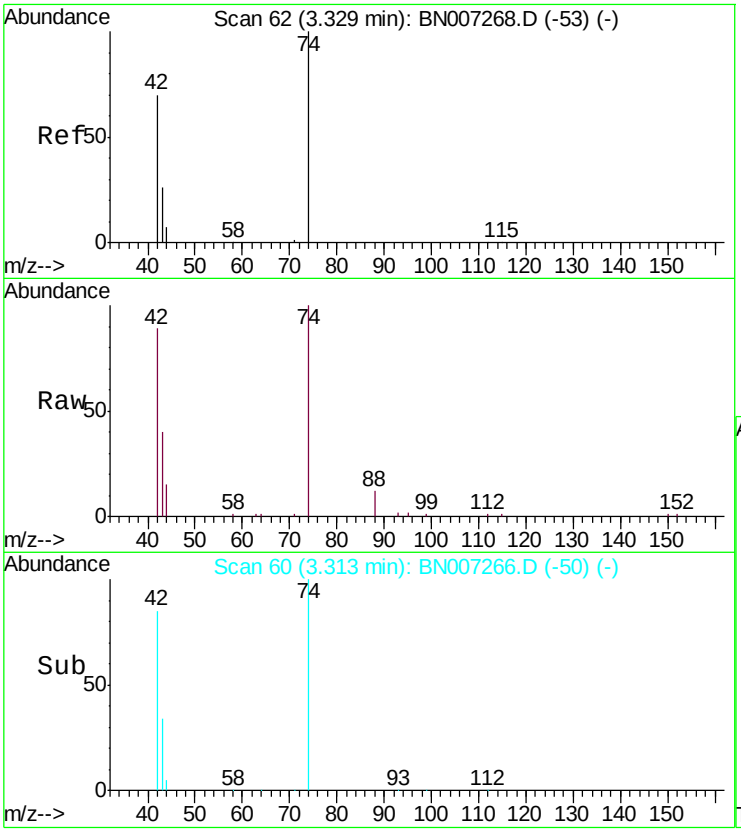


#2
1,4-Dioxane
Concen: 2.432 ng
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion: 88 Resp: 20522

Ion	Ratio	Lower	Upper
88	100		
58	64.4	45.5	68.3
43	25.7	20.4	30.6



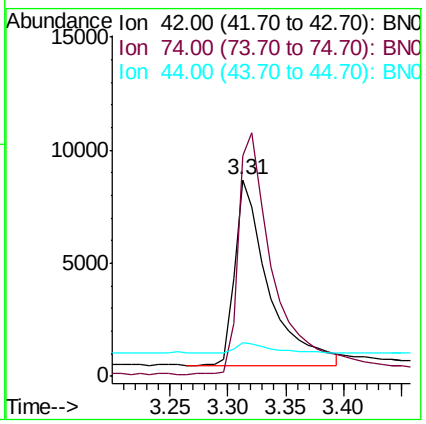


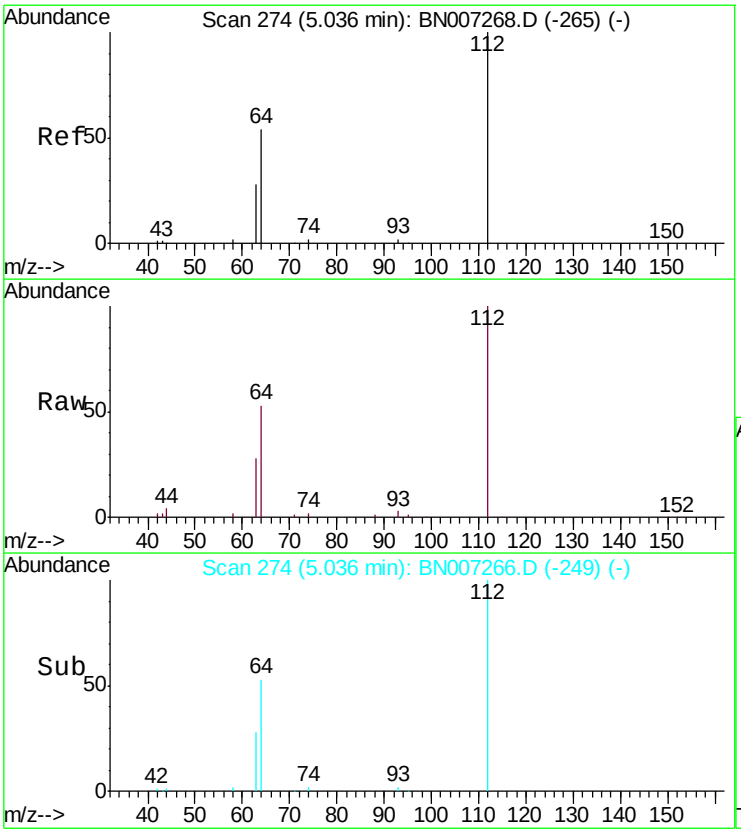
#3
n-Nitrosodimethylamine
Concen: 2.518 ng
RT: 3.31 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 16485

Ion	Ratio	Lower	Upper
42	100		
74	135.3	109.0	163.4
44	6.2	4.2	6.2

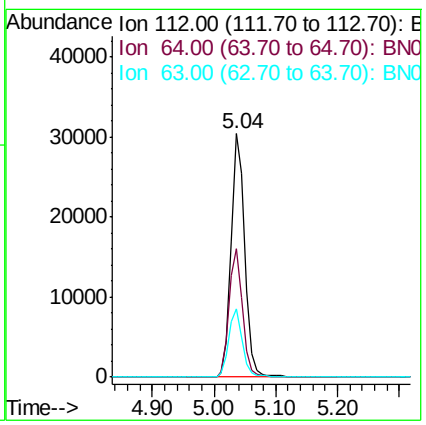


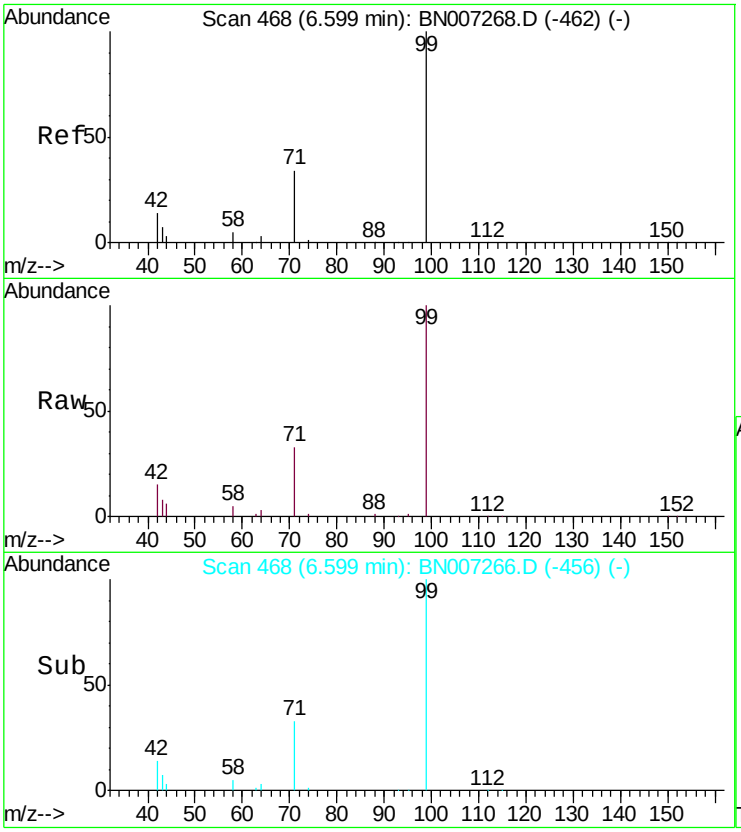


#4
2-Fluorophenol
Concen: 3.948 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:112 Resp: 45084

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.8	62.8
63	27.6	22.6	34.0



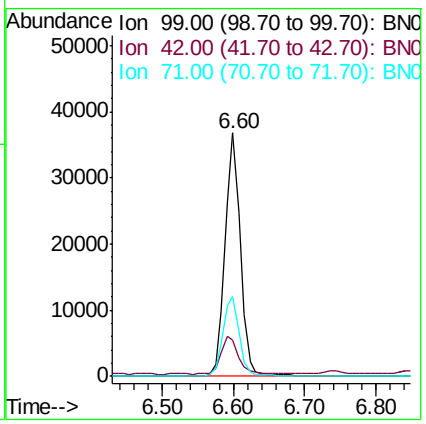


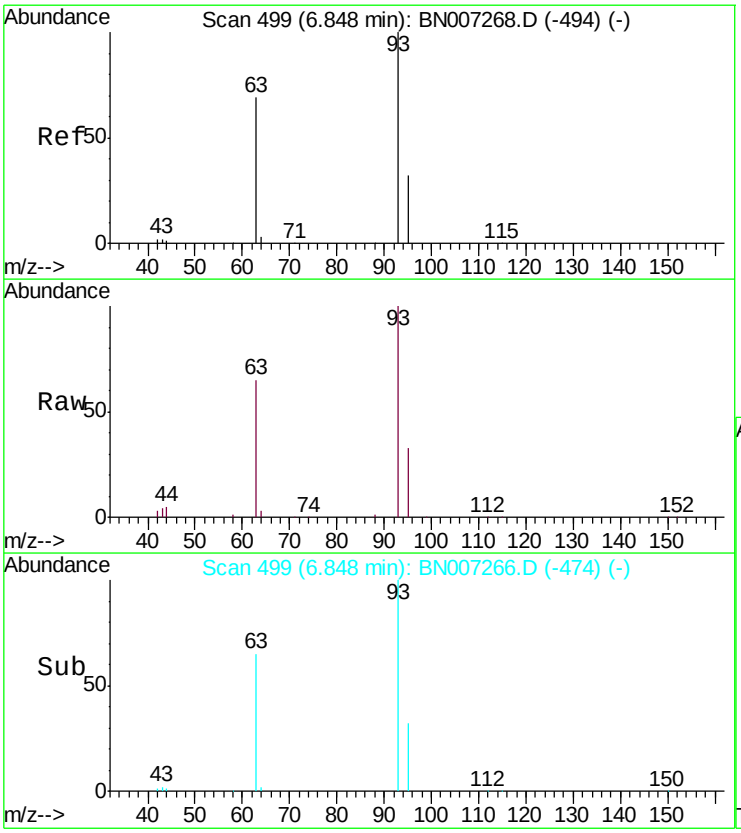
#5
Phenol-d6
Concen: 3.482 ng
RT: 6.60 min Scan# 468
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 54720

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.3	21.5
71	34.0	27.3	40.9

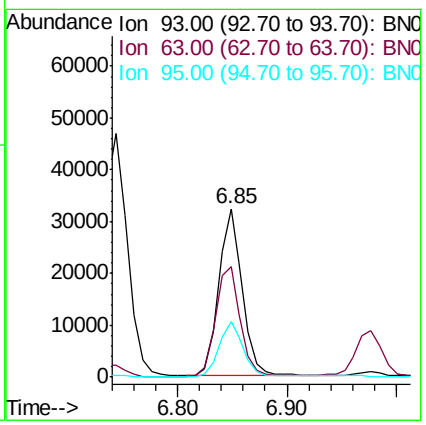


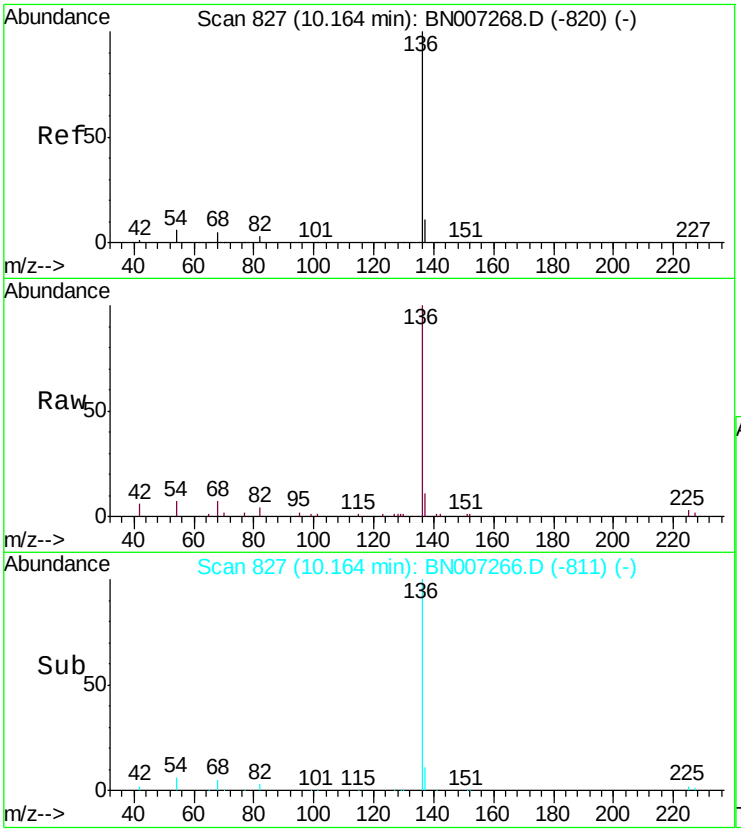


#6
bis(2-Chloroethyl)ether
Concen: 2.795 ng
RT: 6.85 min Scan# 499
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion: 93 Resp: 48860

Ion	Ratio	Lower	Upper
93	100		
63	69.4	54.4	81.6
95	32.9	25.5	38.3



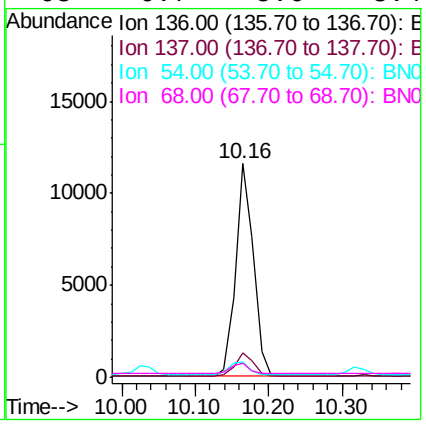


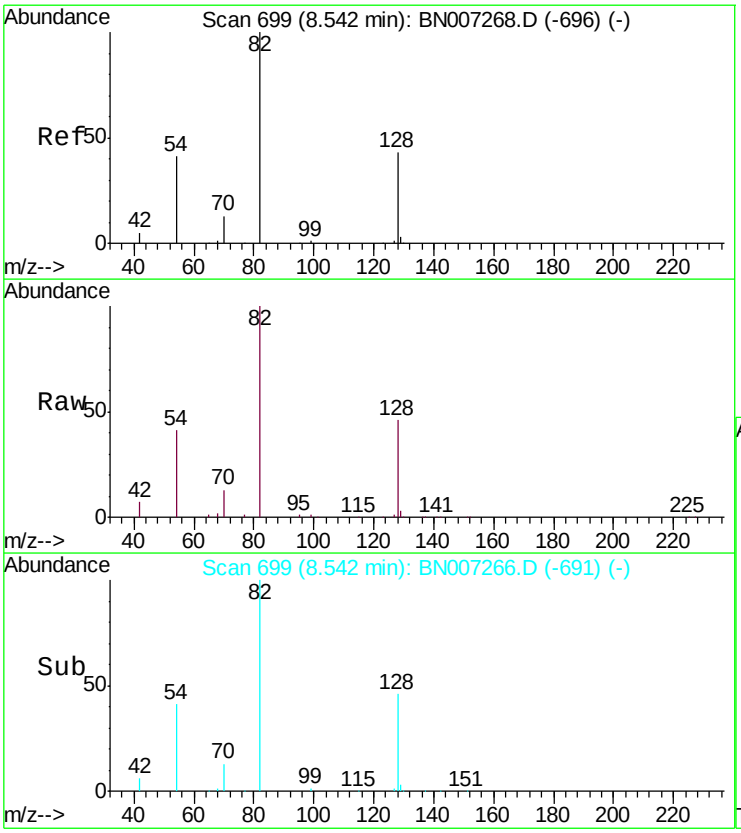
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.16 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 19285

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.1	5.9	8.9
68	6.7	5.6	8.4

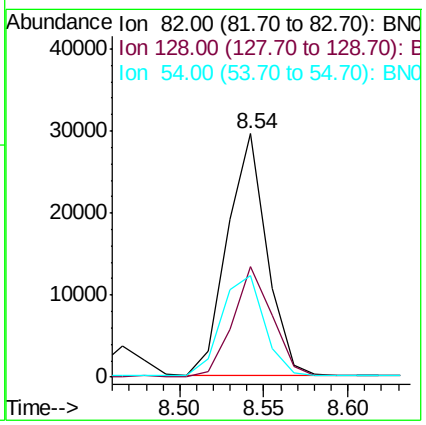


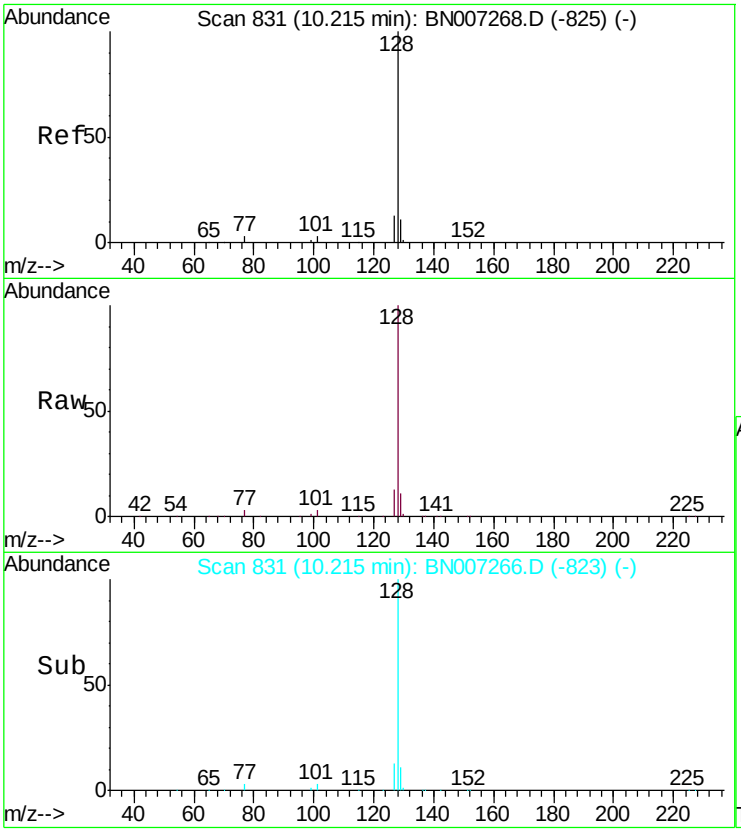


#8
Nitrobenzene-d5
Concen: 3.663 ng
RT: 8.54 min Scan# 699
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion: 82 Resp: 48162

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.8	53.6
54	41.5	34.7	52.1



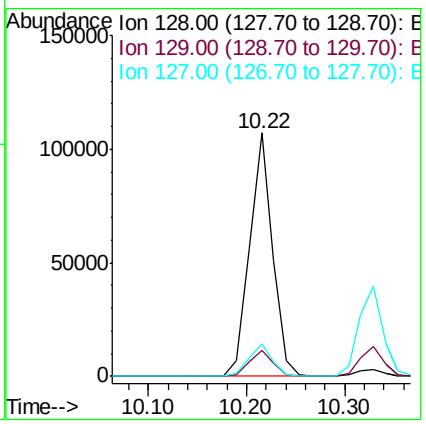


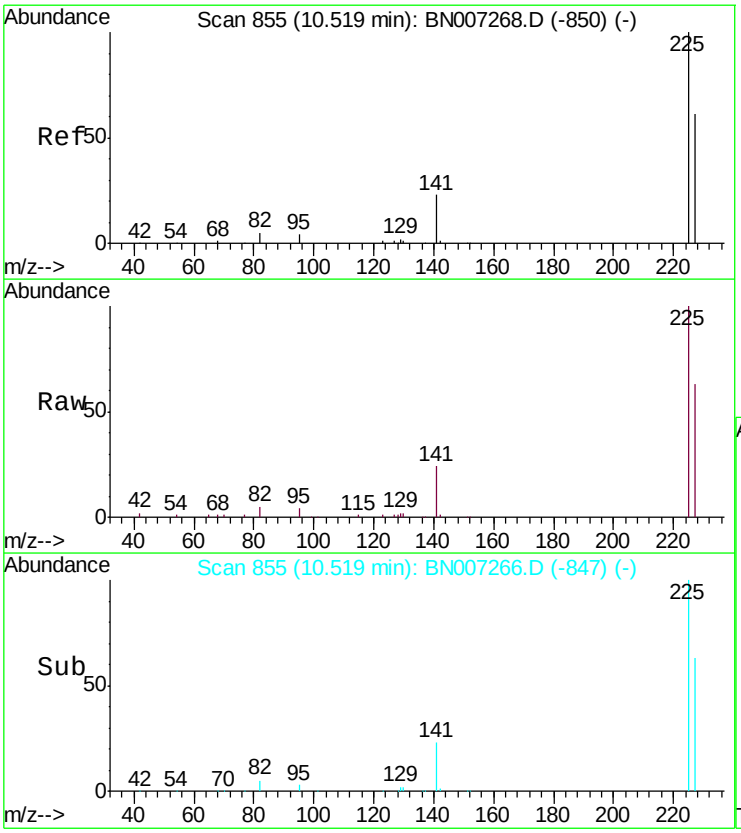
#9
Naphthalene
Concen: 3.364 ng
RT: 10.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 173772

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.2	10.6	16.0

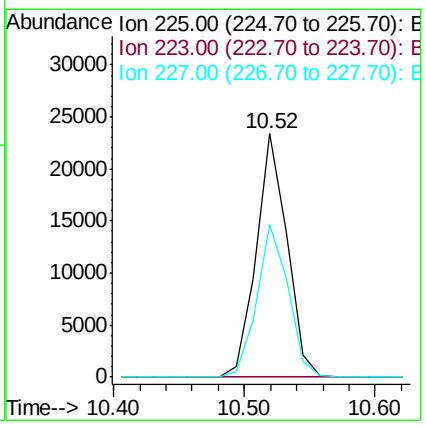


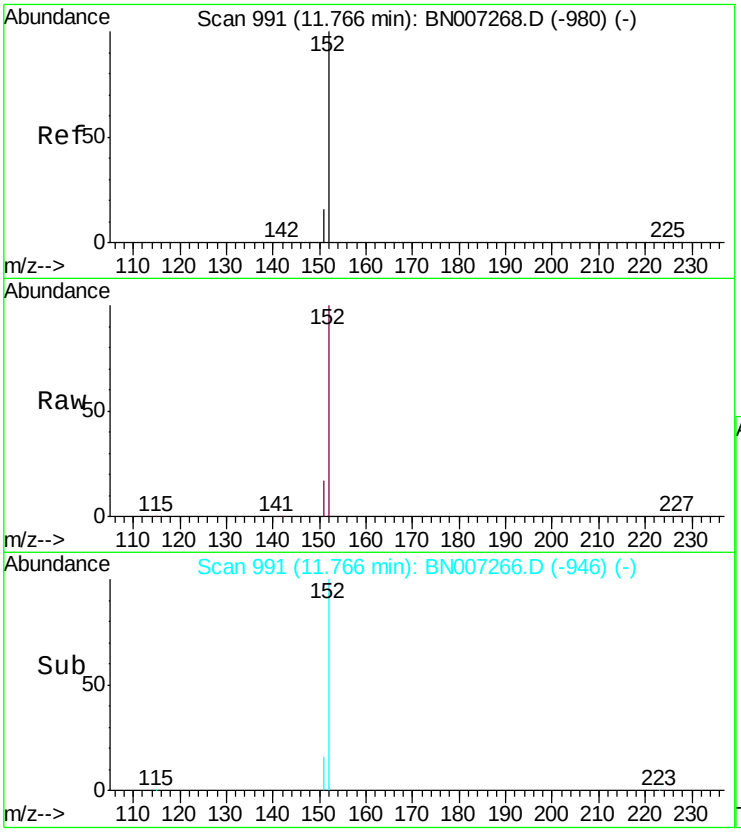


#10
Hexachlorobutadiene
Concen: 3.376 ng
RT: 10.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:225 Resp: 37812

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.2	75.2



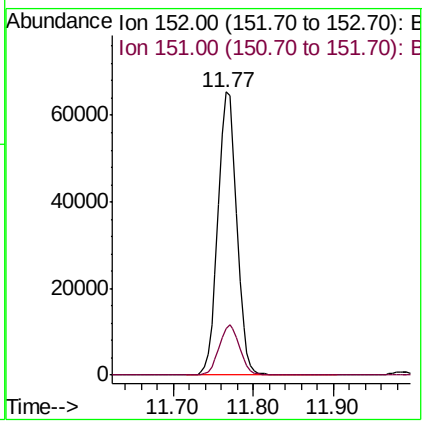


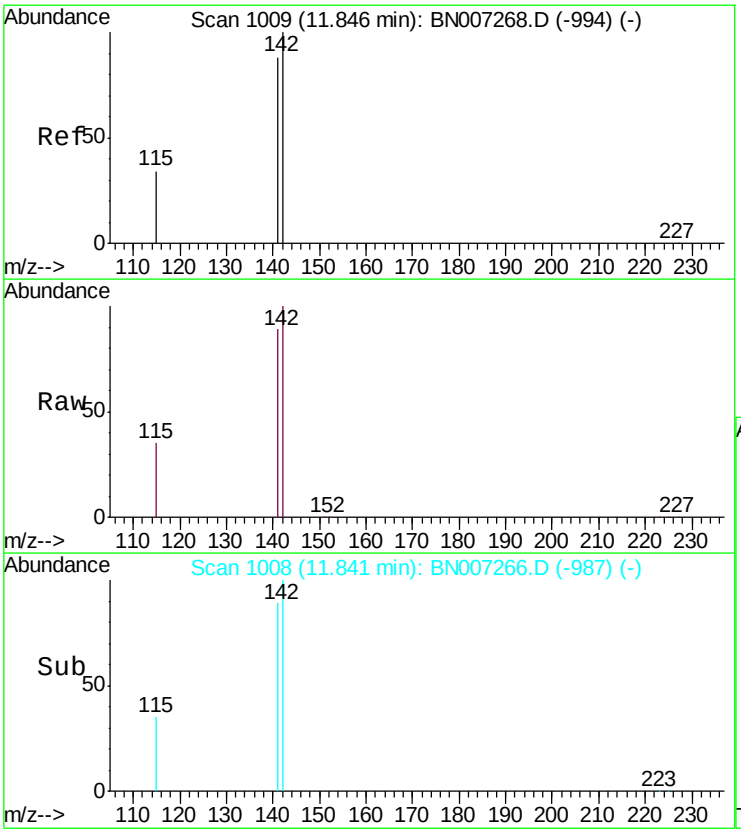
#11
2-Methylnaphthalene-d10
Concen: 3.713 ng
RT: 11.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 107003

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

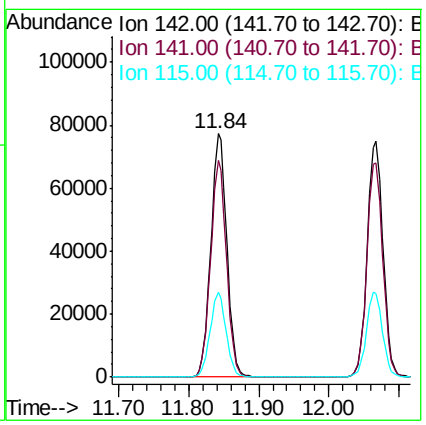


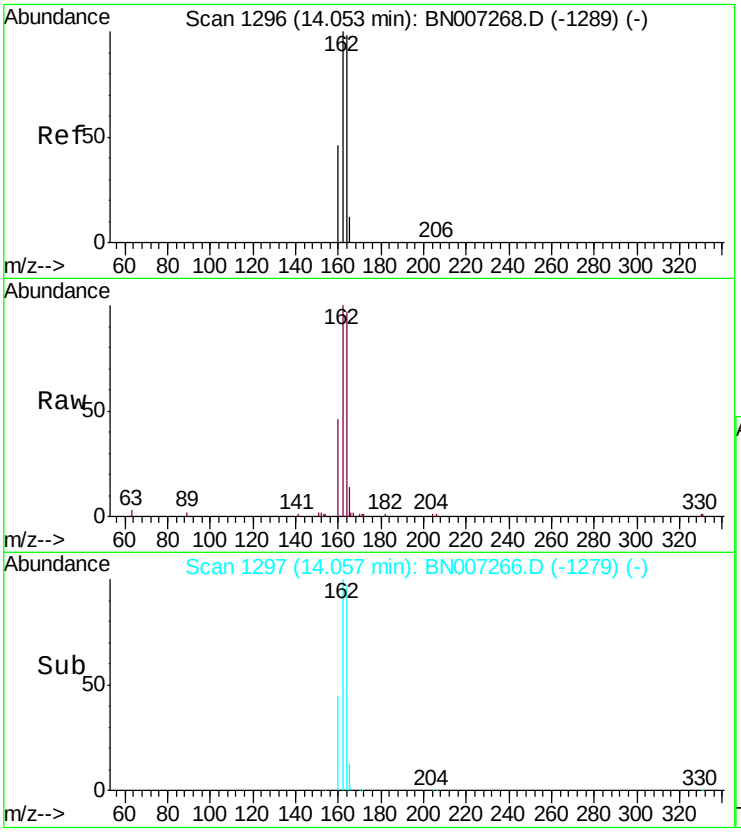


#12
2-Methylnaphthalene
Concen: 3.716 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:142 Resp: 122701

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.7	106.1
115	34.9	28.1	42.1



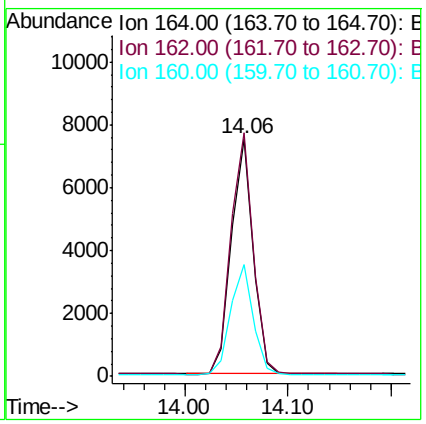


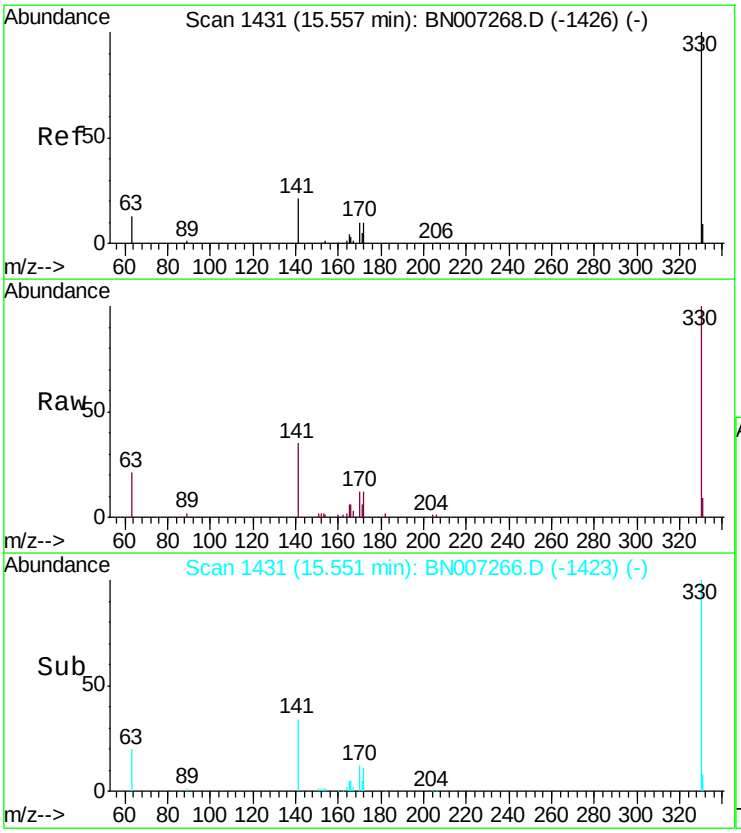
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 11017

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.0	123.0
160	46.9	38.2	57.4

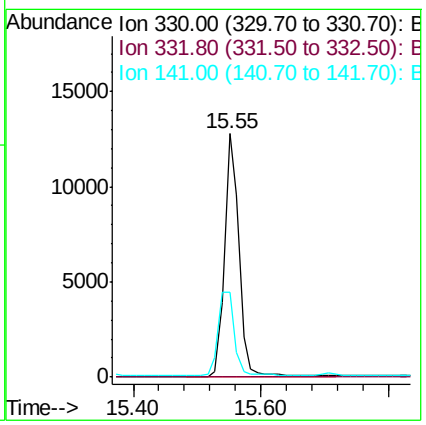


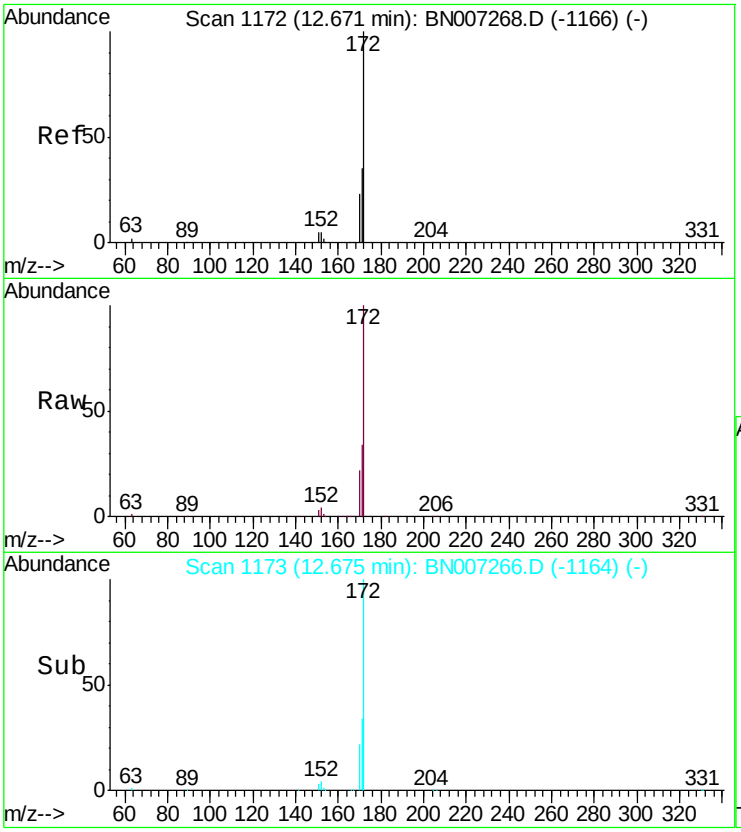


#14
2,4,6-Tribromophenol
Concen: 3.858 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:330 Resp: 19833

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.8	30.3	45.5



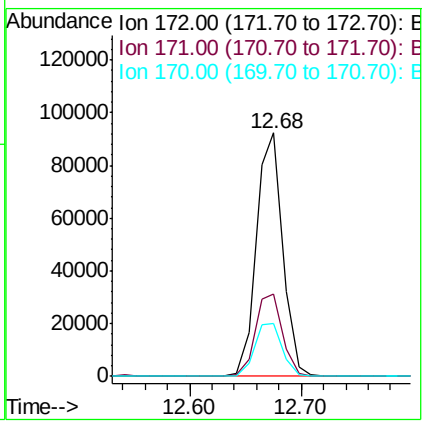


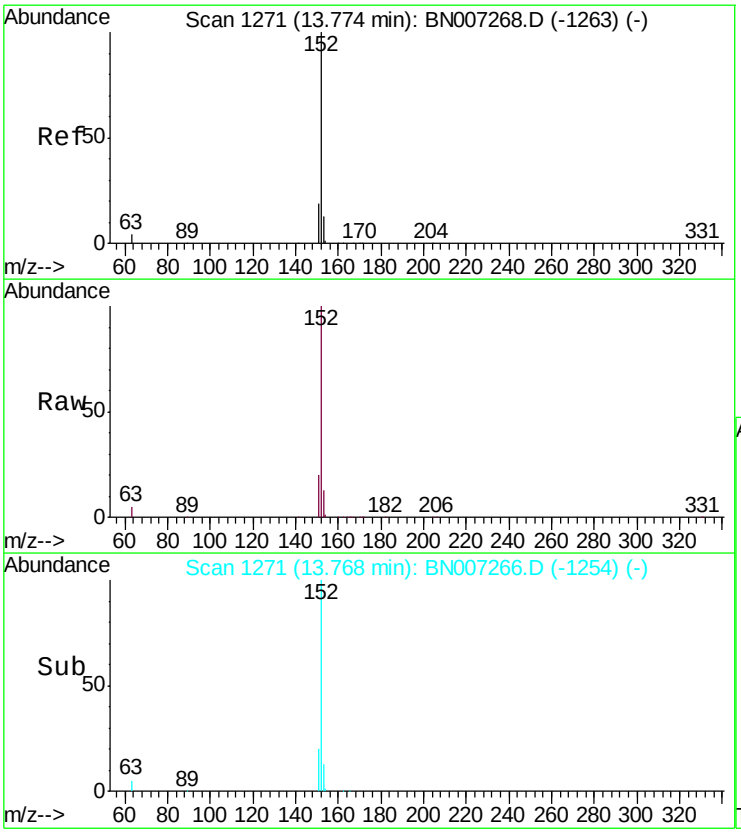
#15
2-Fluorobiphenyl
Concen: 3.697 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 151676

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.6	43.0
170	21.9	18.7	28.1

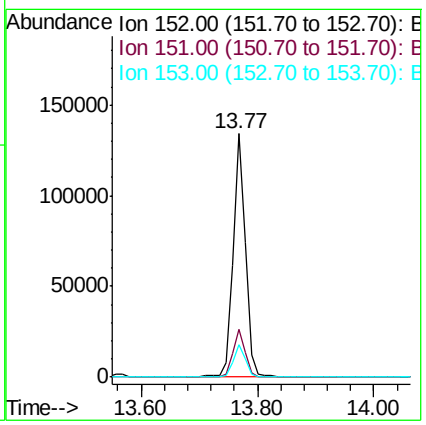


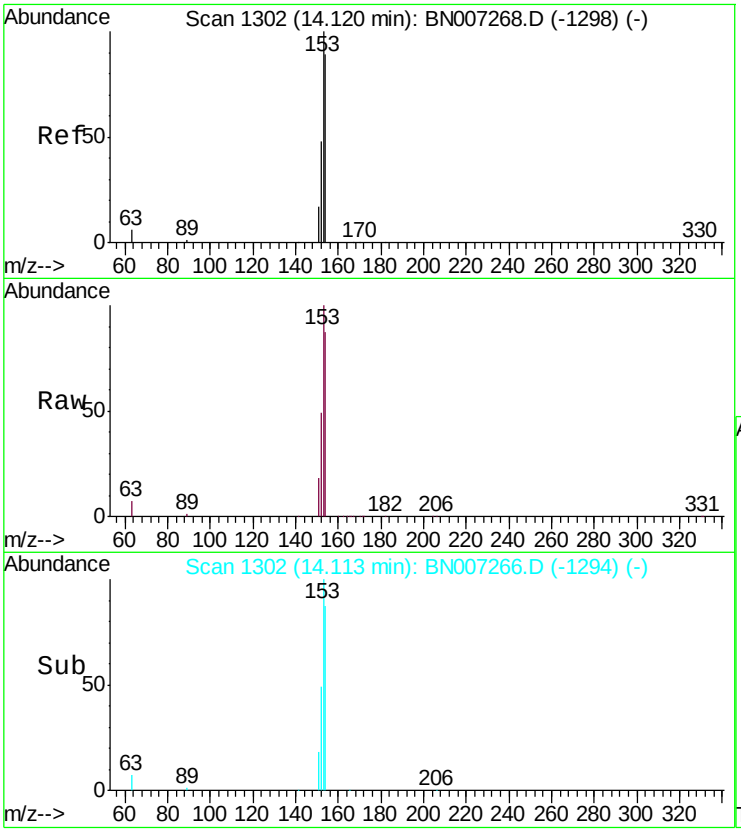


#16
Acenaphthylene
Concen: 3.813 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:152 Resp: 198376

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.0	10.1	15.1



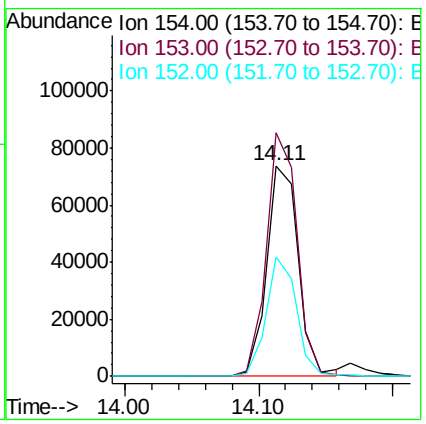


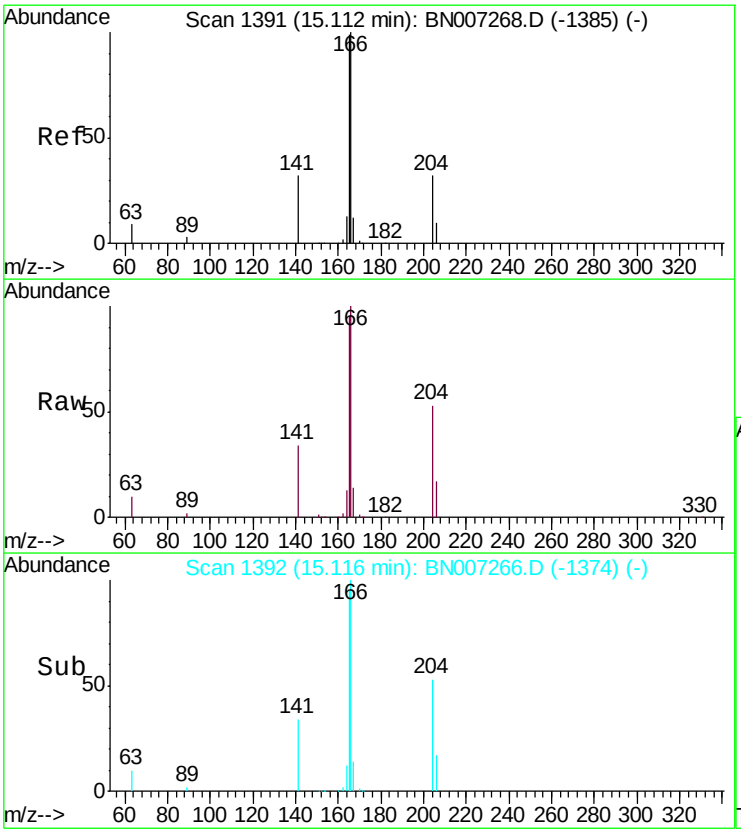
#17
Acenaphthene
Concen: 3.500 ng
RT: 14.11 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 122268

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.9	134.9
152	54.0	43.9	65.9

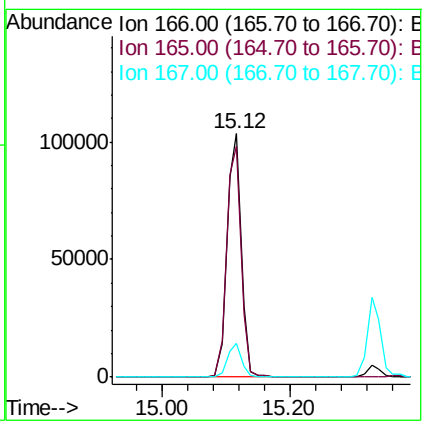


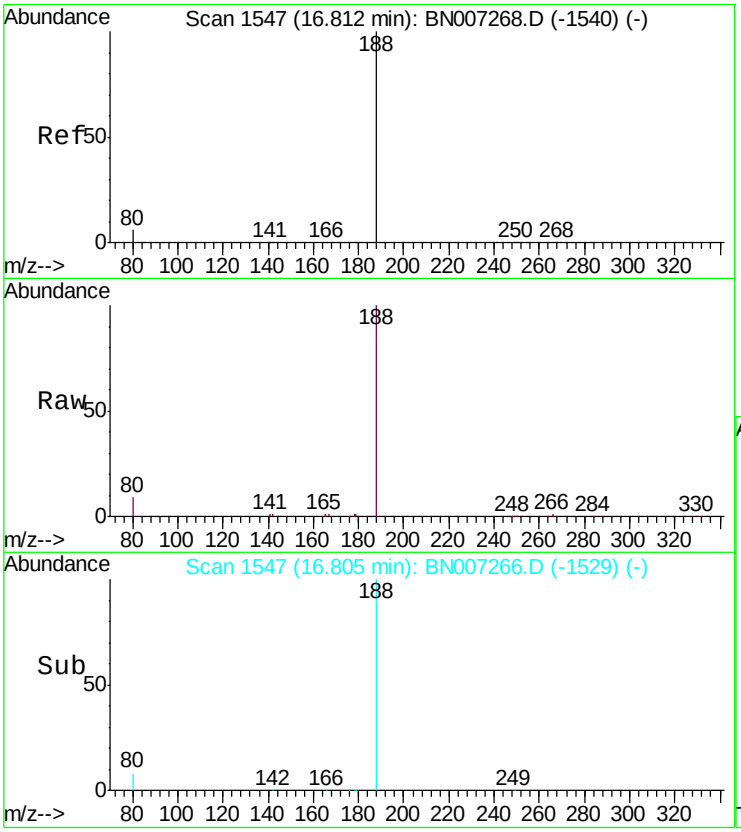


#18
Fluorene
Concen: 3.690 ng
RT: 15.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:166 Resp: 159650

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.3	117.5
167	13.3	11.1	16.7



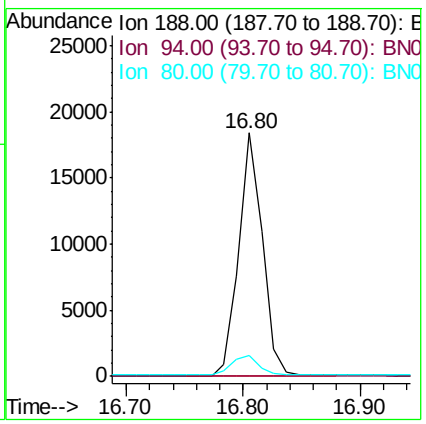


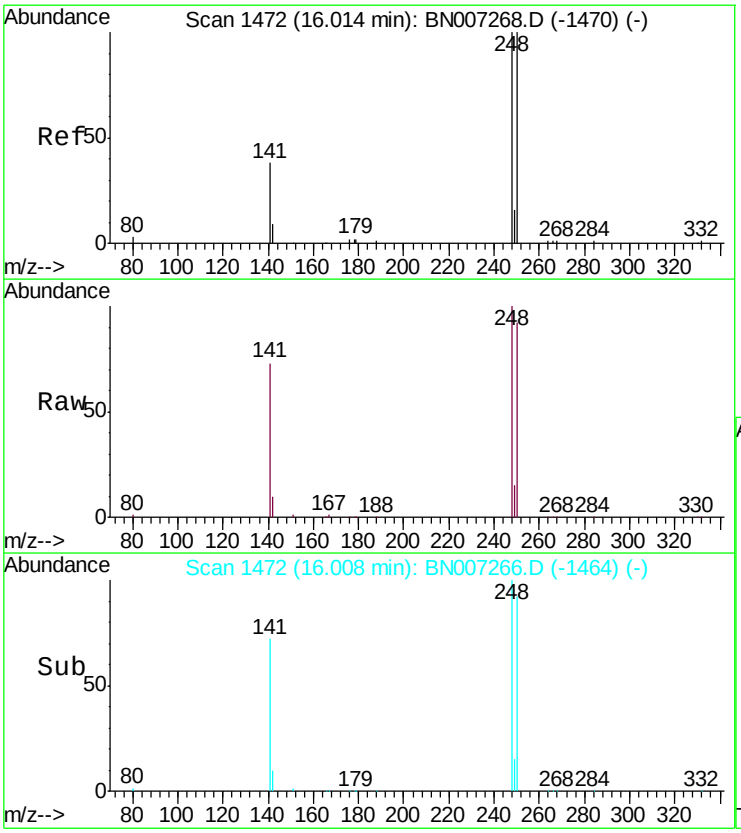
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 25647

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	5.2	7.8#

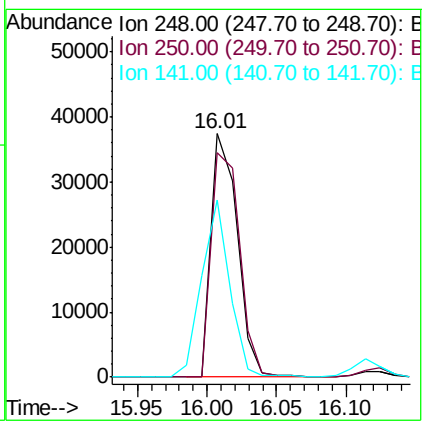


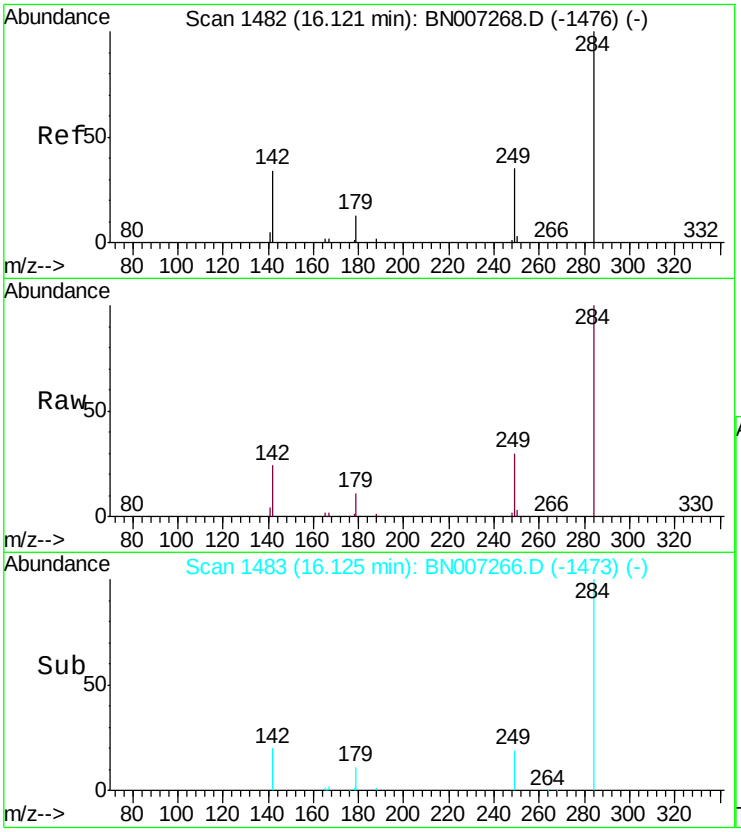


#20
4-Bromophenyl-phenylether
Concen: 3.335 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:248 Resp: 48385

Ion	Ratio	Lower	Upper
248	100		
250	92.4	79.6	119.4
141	72.6	45.1	67.7#



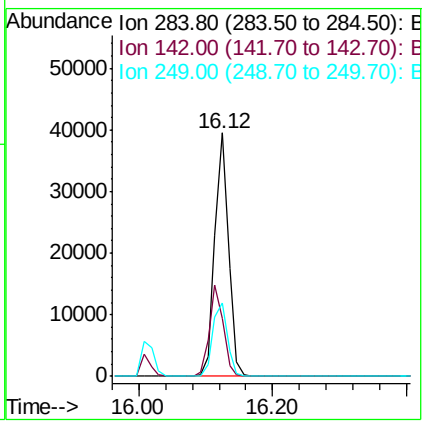


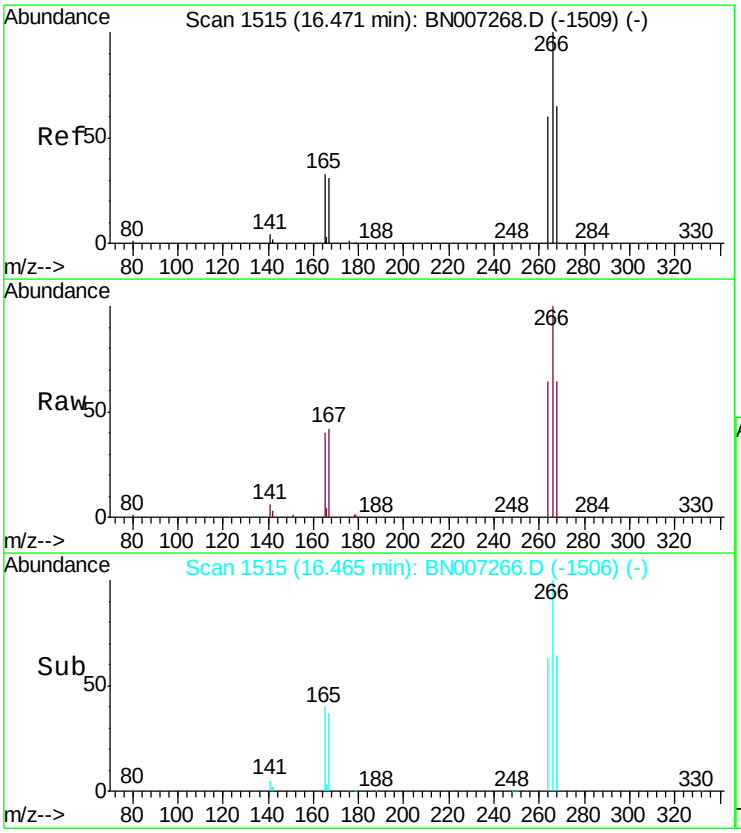
#21
Hexachlorobenzene
Concen: 2.909 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 54959

Ion	Ratio	Lower	Upper
284	100		
142	37.6	29.5	44.3
249	32.5	26.2	39.4

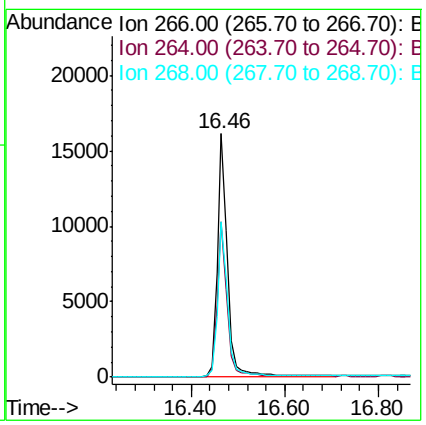


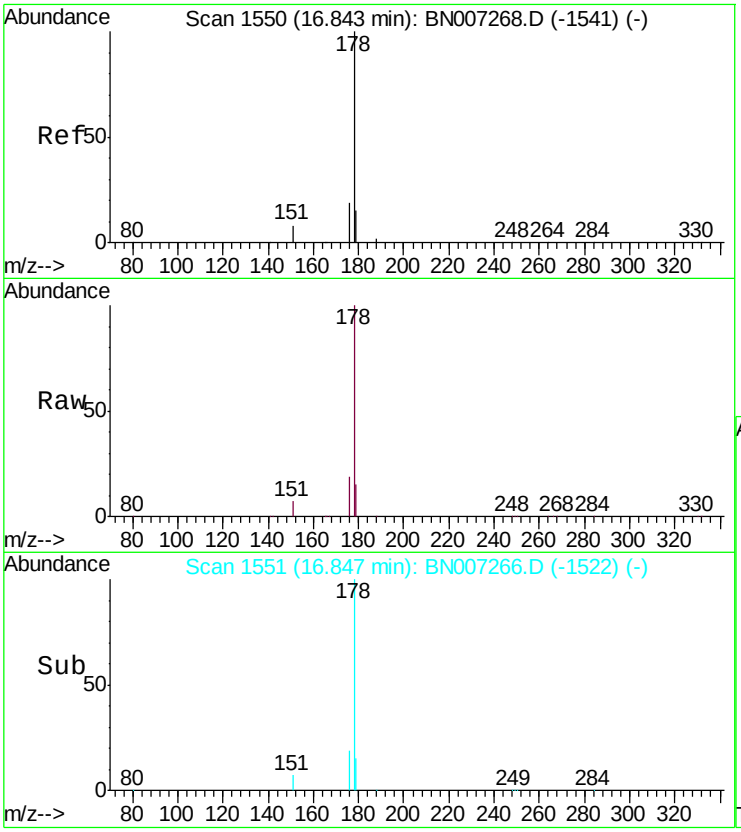


#22
Pentachlorophenol
Concen: 9.915 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:266 Resp: 24705

Ion	Ratio	Lower	Upper
266	100		
264	63.6	48.7	73.1
268	64.0	53.5	80.3



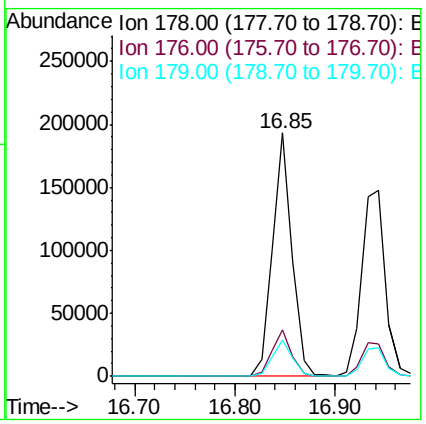


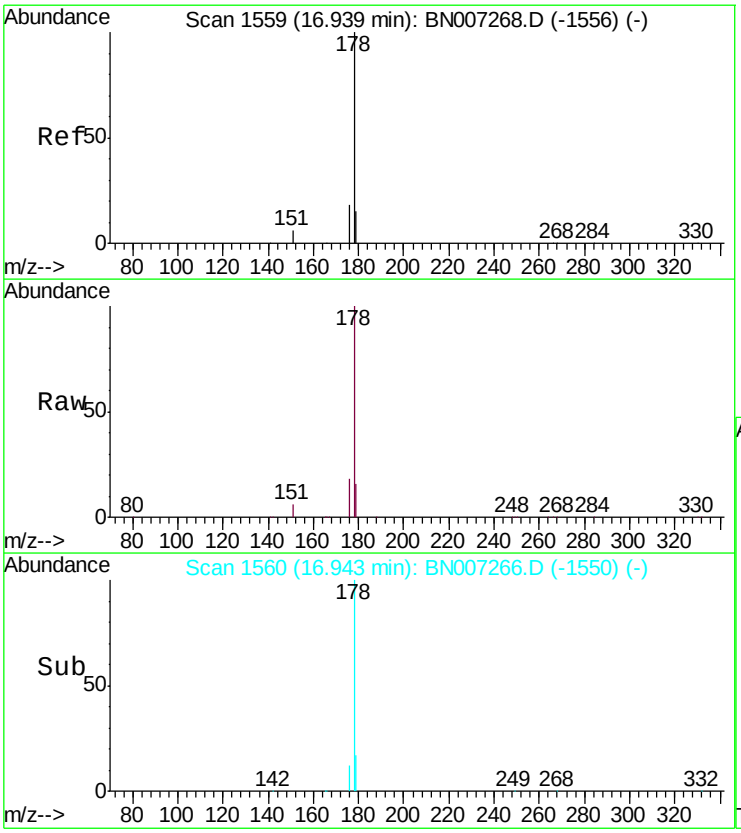
#23
Phenanthrene
Concen: 3.712 ng
RT: 16.85 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 263919

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.2	12.3	18.5

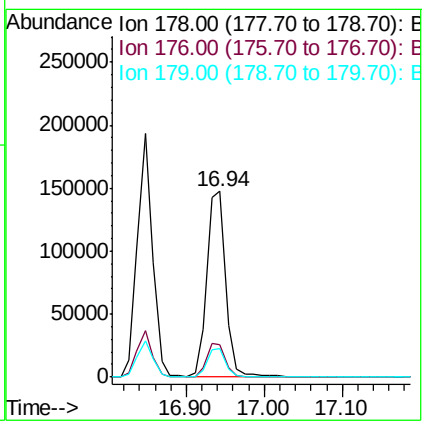


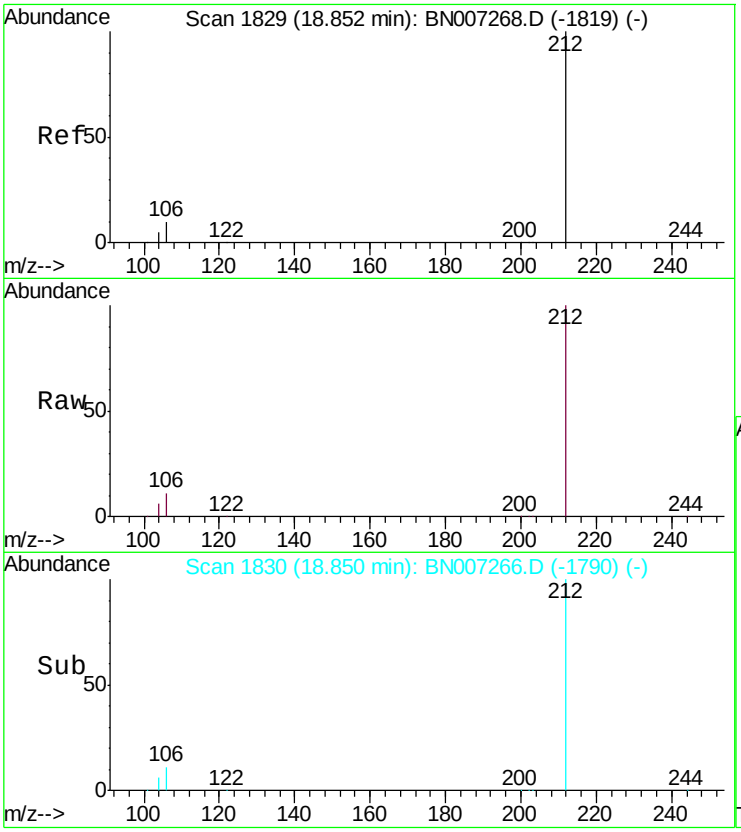


#24
Anthracene
Concen: 3.984 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:178 Resp: 245443

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	15.3	12.3	18.5



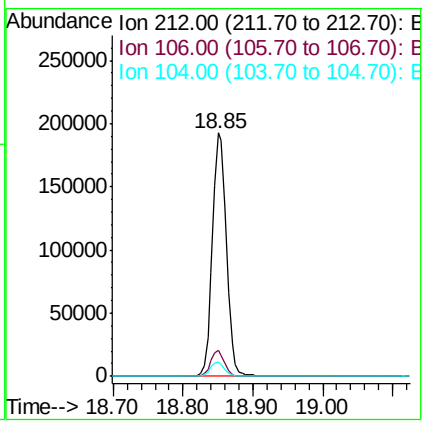


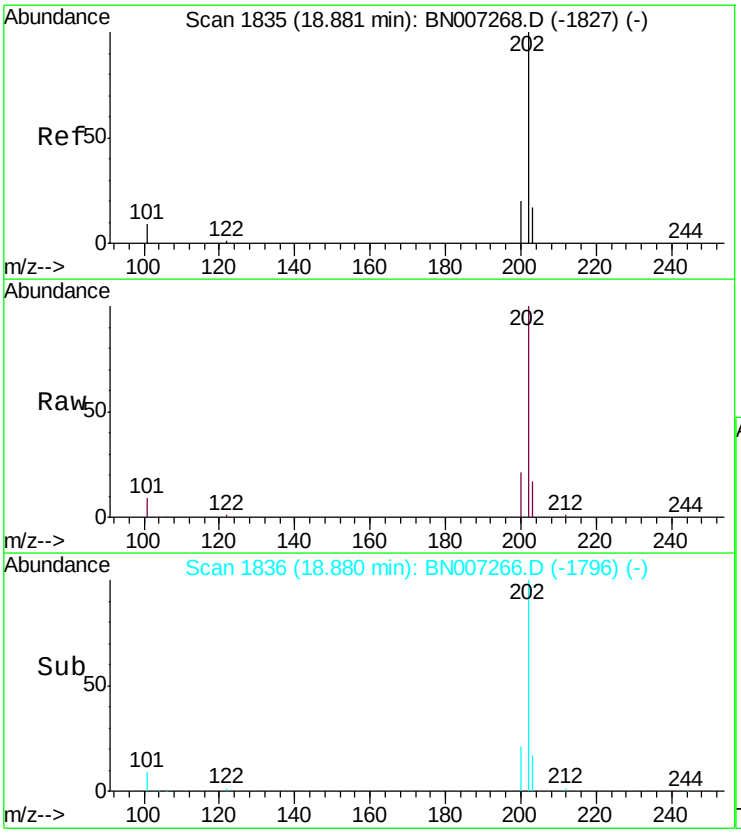
#25
Fluoranthene-d10
Concen: 3.477 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 269362

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

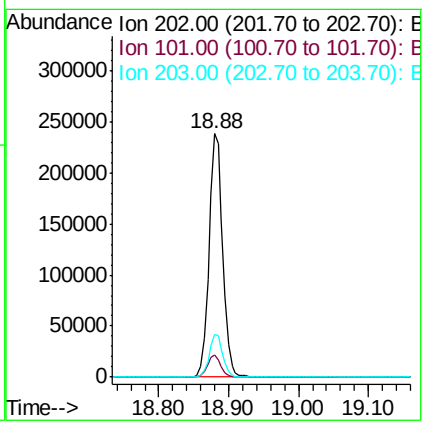


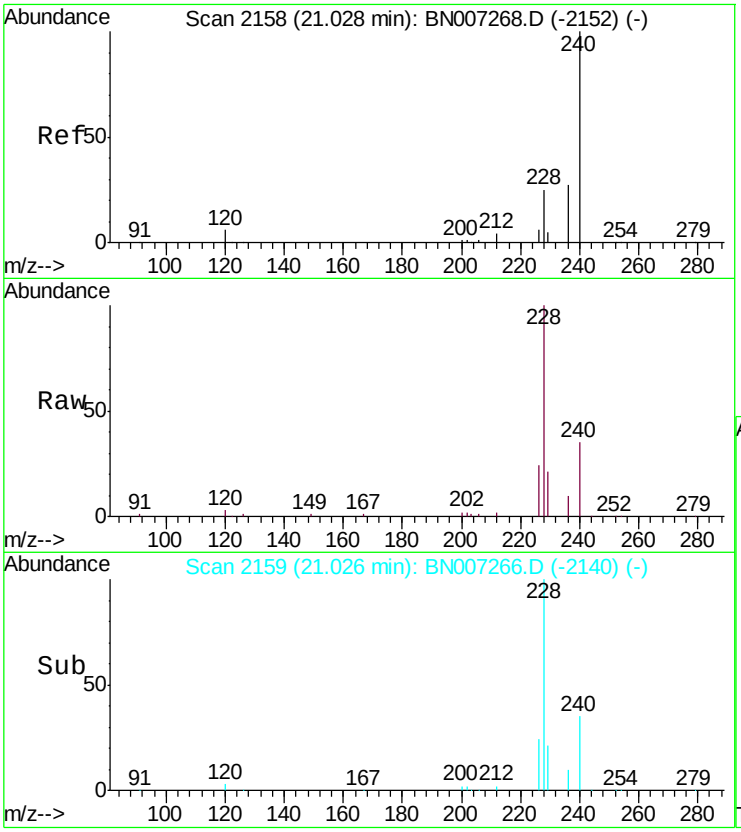


#26
Fluoranthene
Concen: 3.610 ng
RT: 18.88 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:202 Resp: 322159

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.2	10.8
203	17.4	13.8	20.6



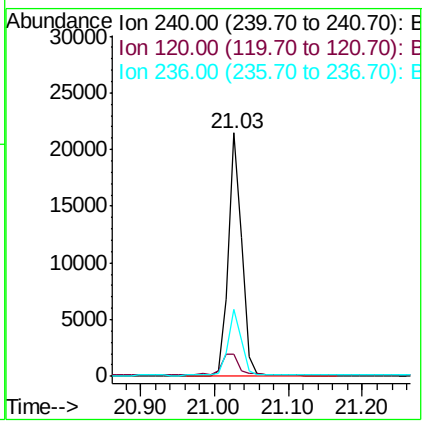


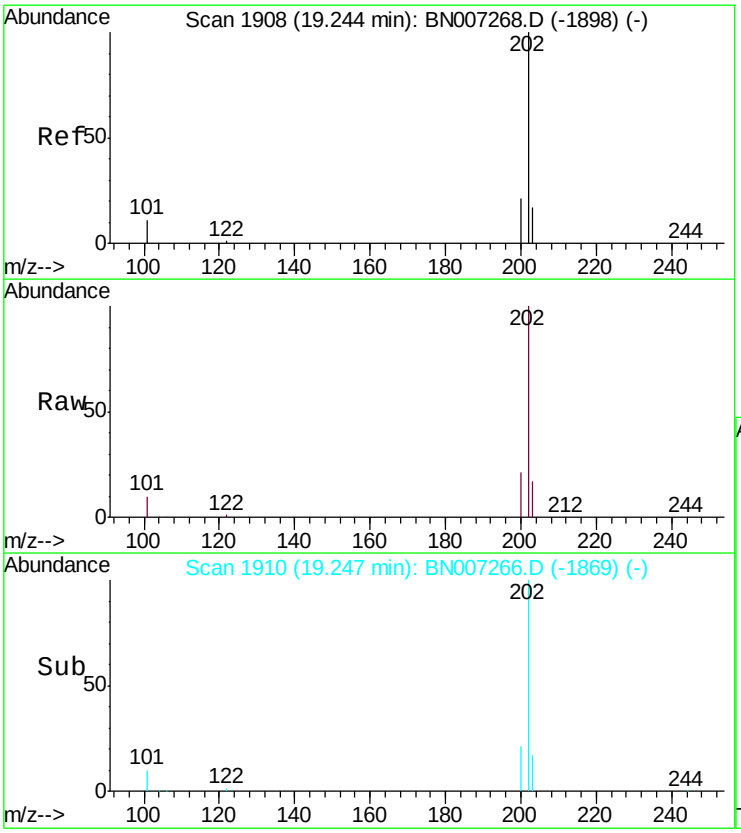
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 27342

Ion	Ratio	Lower	Upper
240	100		
120	8.9	5.6	8.4#
236	27.7	21.6	32.4

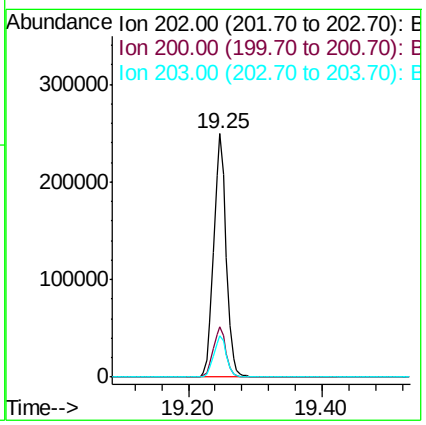


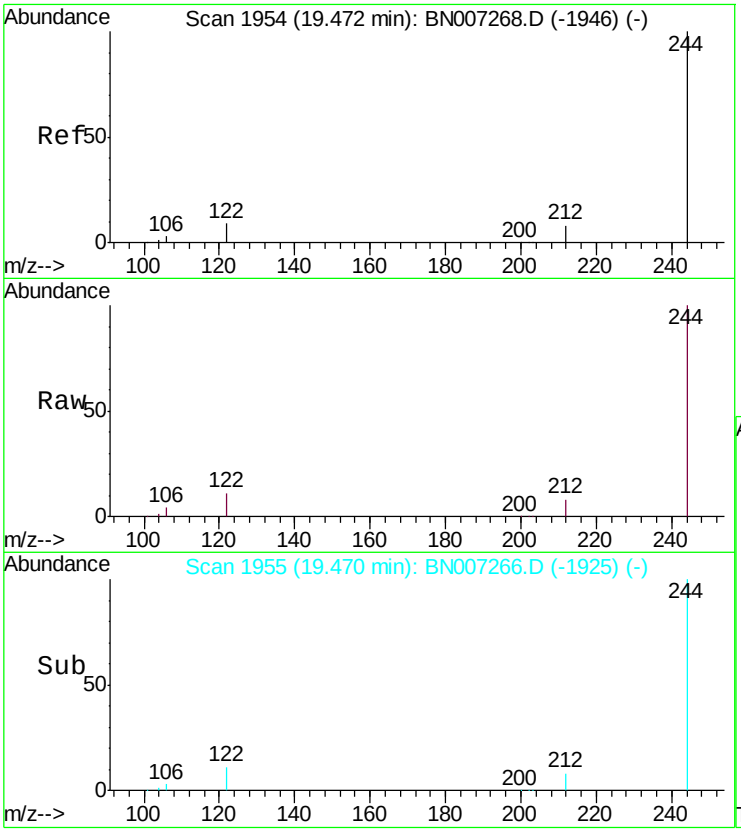


#28
Pyrene
Concen: 3.397 ng
RT: 19.25 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:202 Resp: 322768

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.4	13.9	20.9



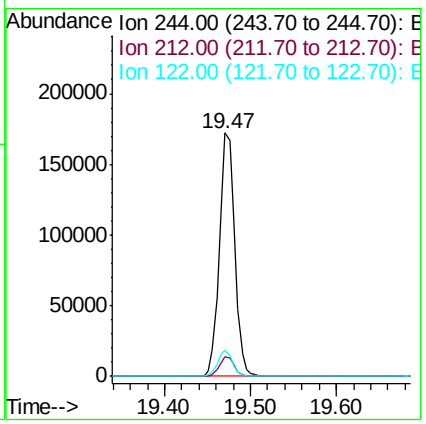


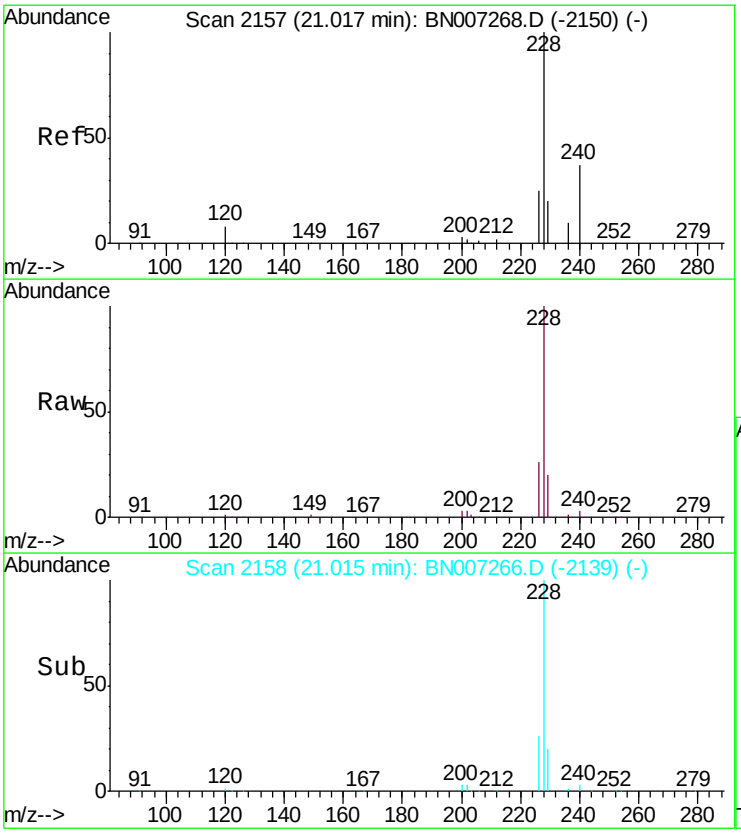
#29
Terphenyl-d14
Concen: 3.545 ng
RT: 19.47 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 213594

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.5	7.9	11.9

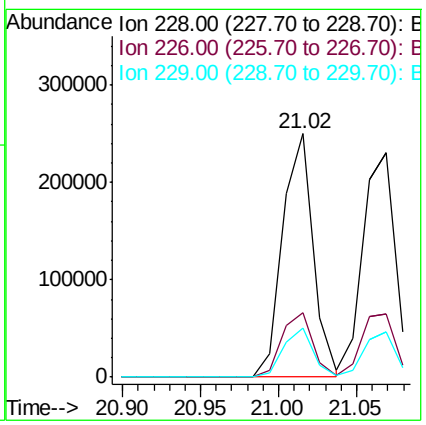


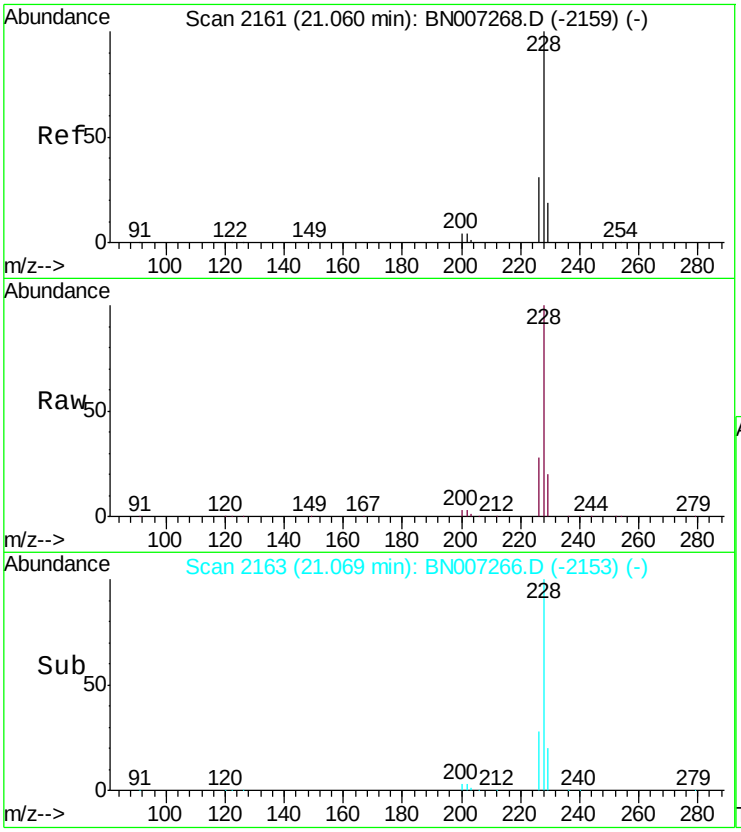


#30
Benzo(a)anthracene
Concen: 4.014 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:228 Resp: 338281

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.6	30.8
229	20.1	16.9	25.3



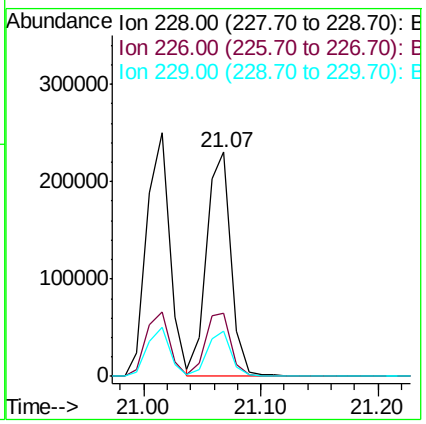


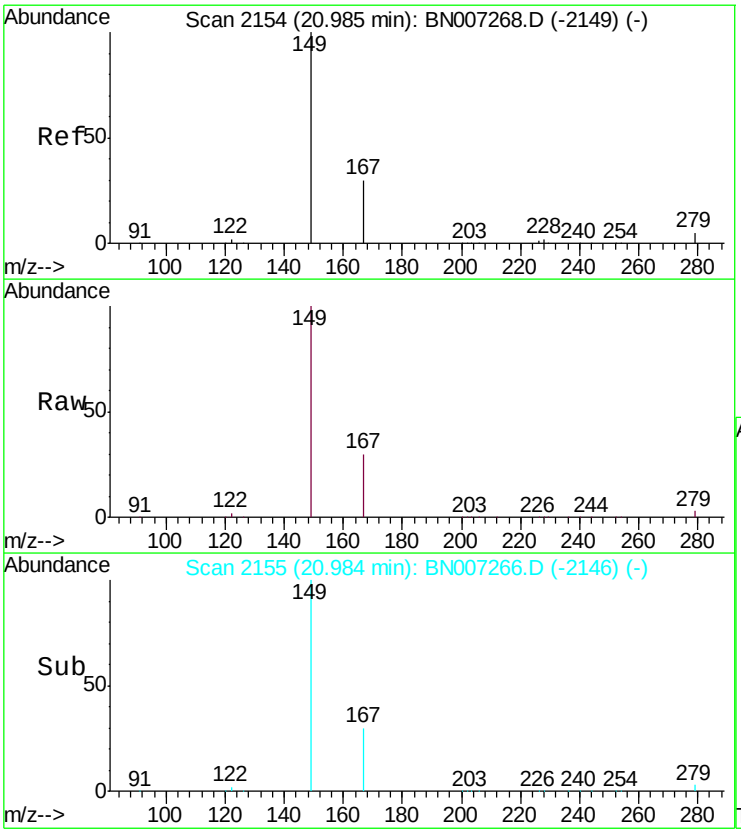
#31
Chrysene
Concen: 3.534 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 333735

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.6	36.8
229	19.9	15.6	23.4

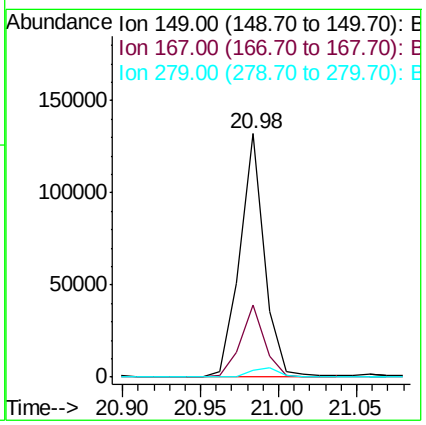


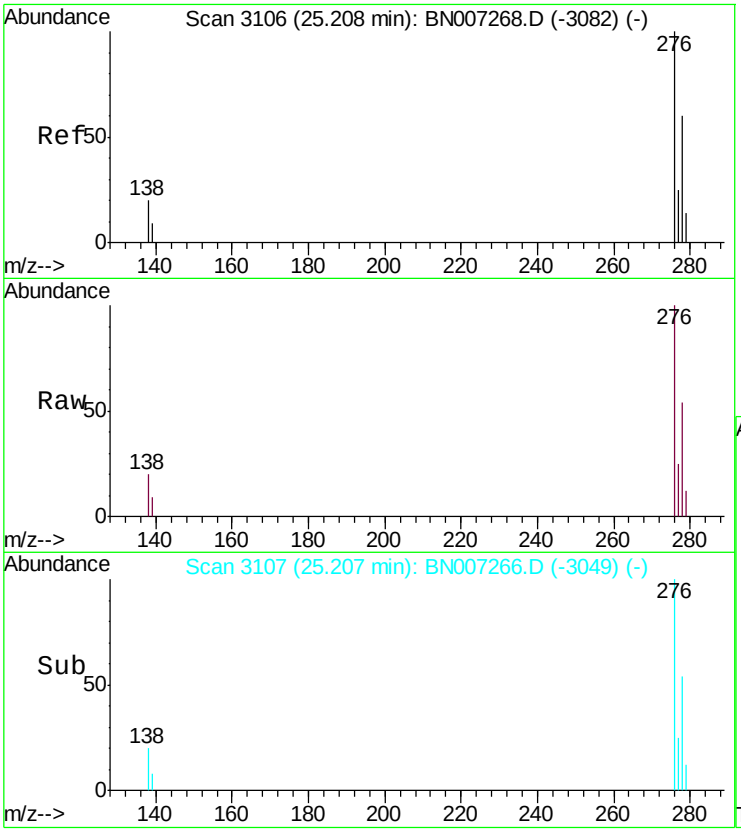


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.625 ng
RT: 20.98 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:149 Resp: 142241

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.8	35.6
279	4.5	3.8	5.8



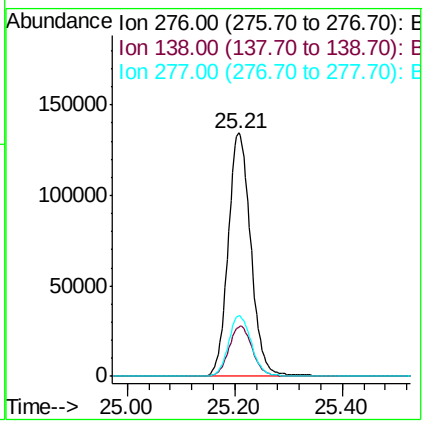


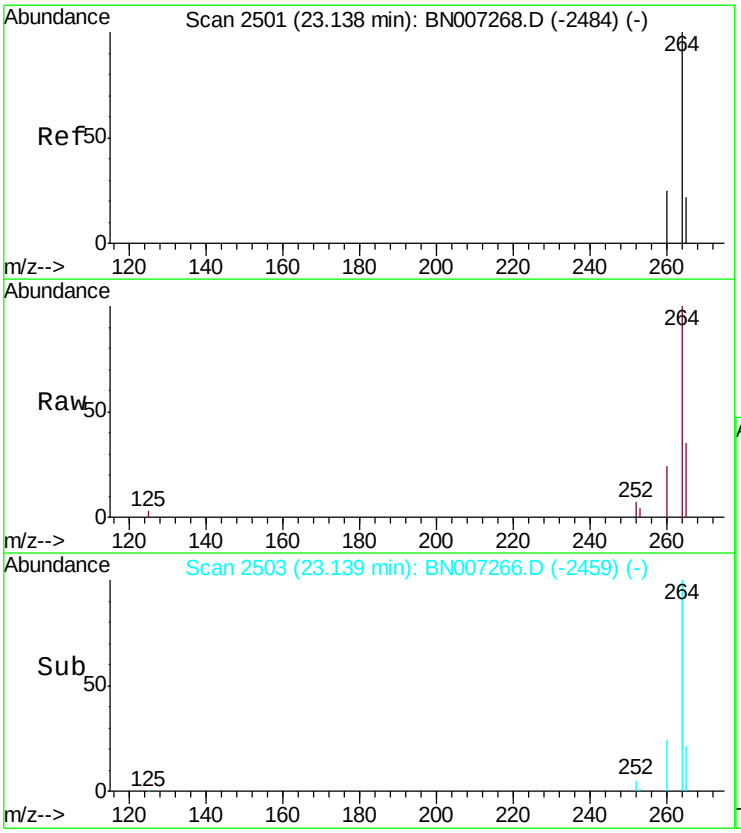
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.391 ng
RT: 25.21 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 391935

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

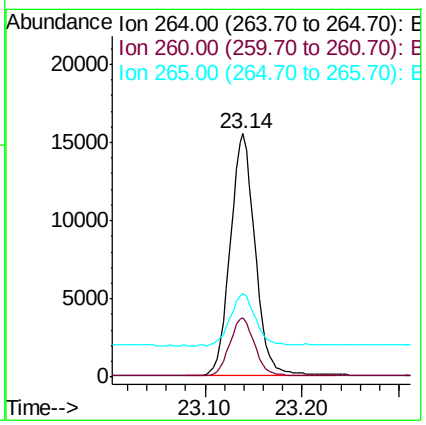


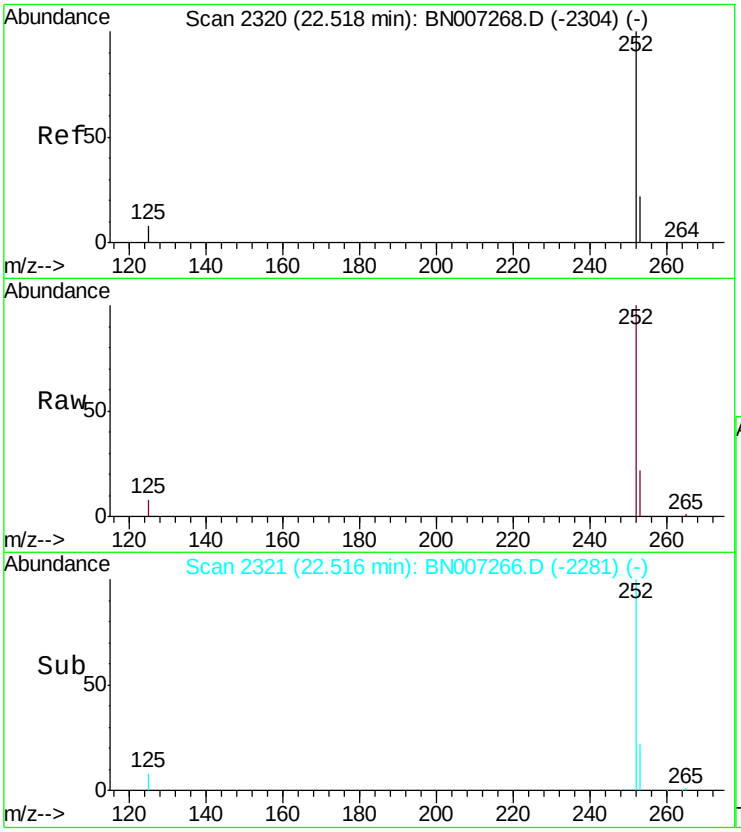


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.14 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:264 Resp: 27694

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	34.5	29.0	43.6



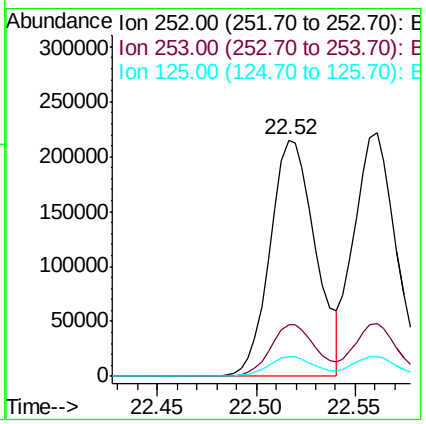


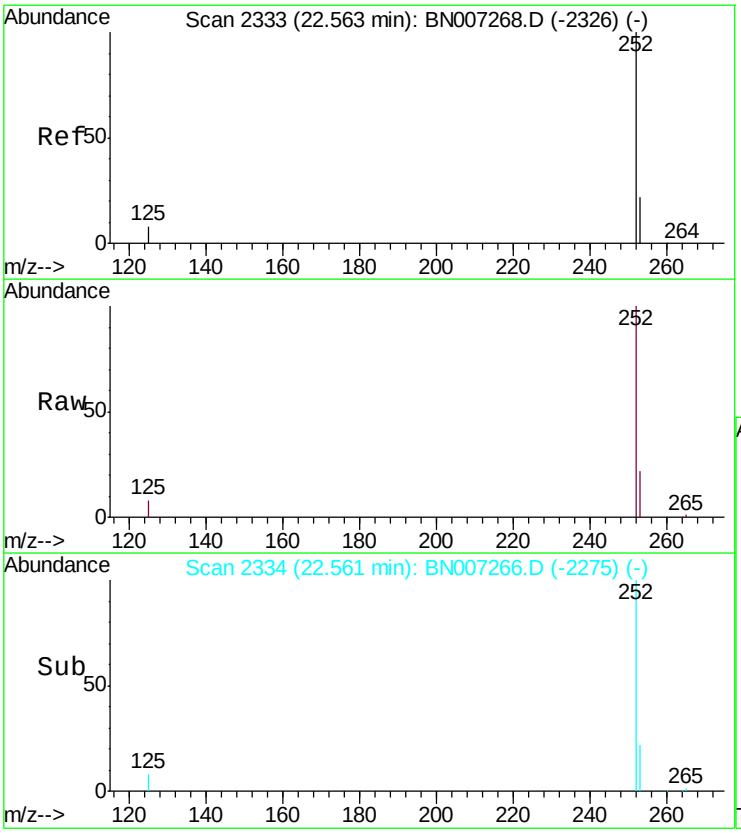
#35
Benzo(b)fluoranthene
Concen: 3.934 ng
RT: 22.52 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 342435

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.5	27.7
125	8.4	7.8	11.6

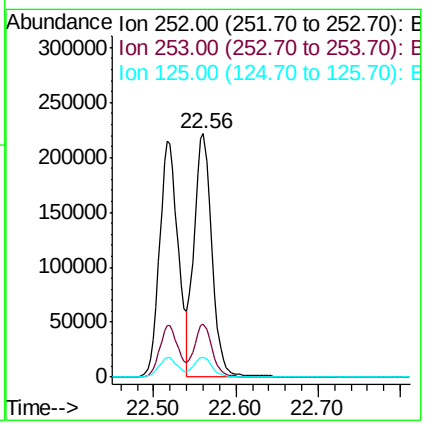


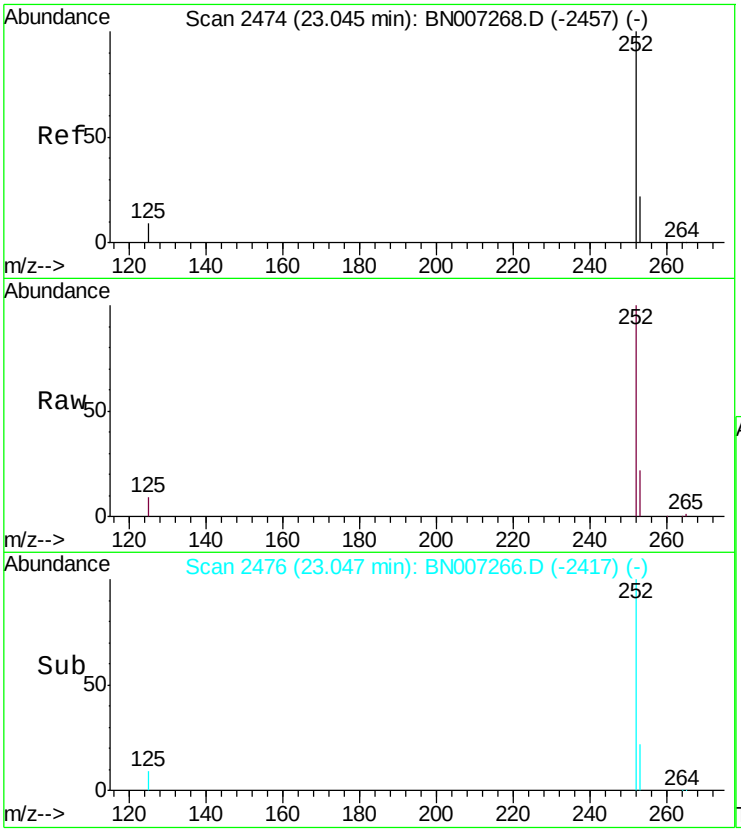


#36
Benzo(k)fluoranthene
Concen: 3.385 ng
RT: 22.56 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:252 Resp: 330642

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	8.2	8.0	12.0



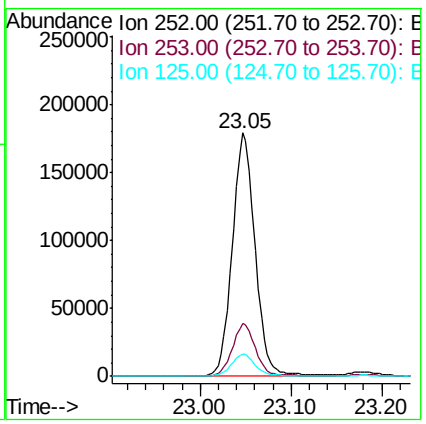


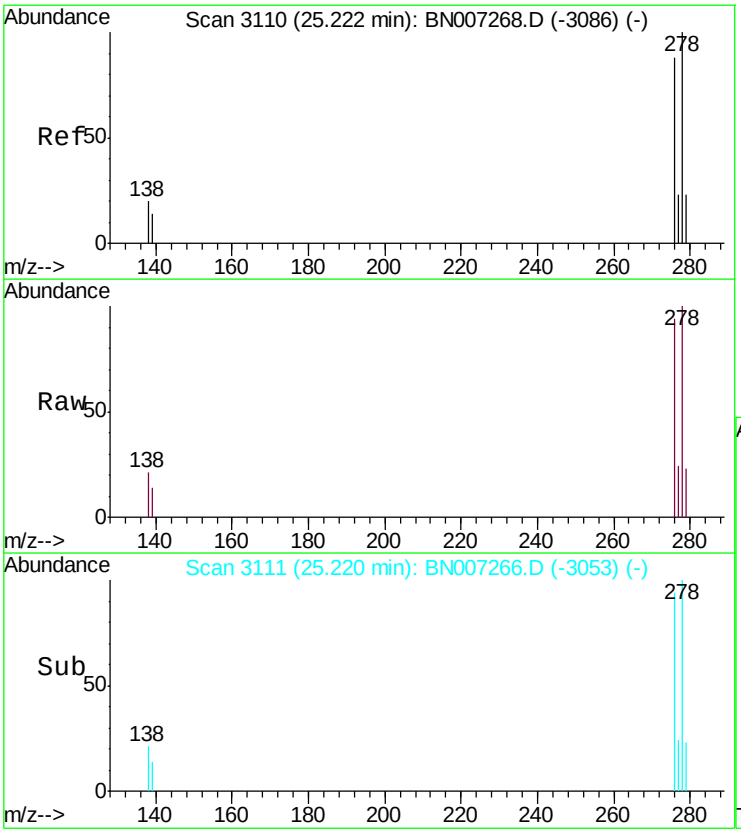
#37
Benzo(a)pyrene
Concen: 3.673 ng
RT: 23.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 309980

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.7	28.1
125	9.1	8.7	13.1

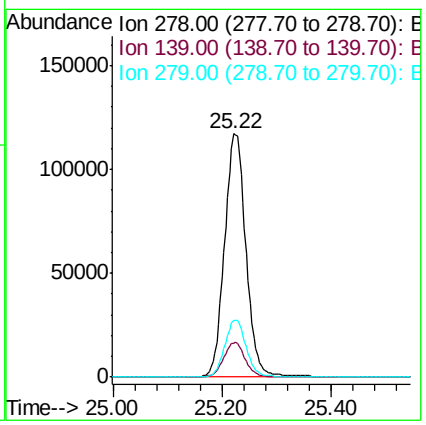


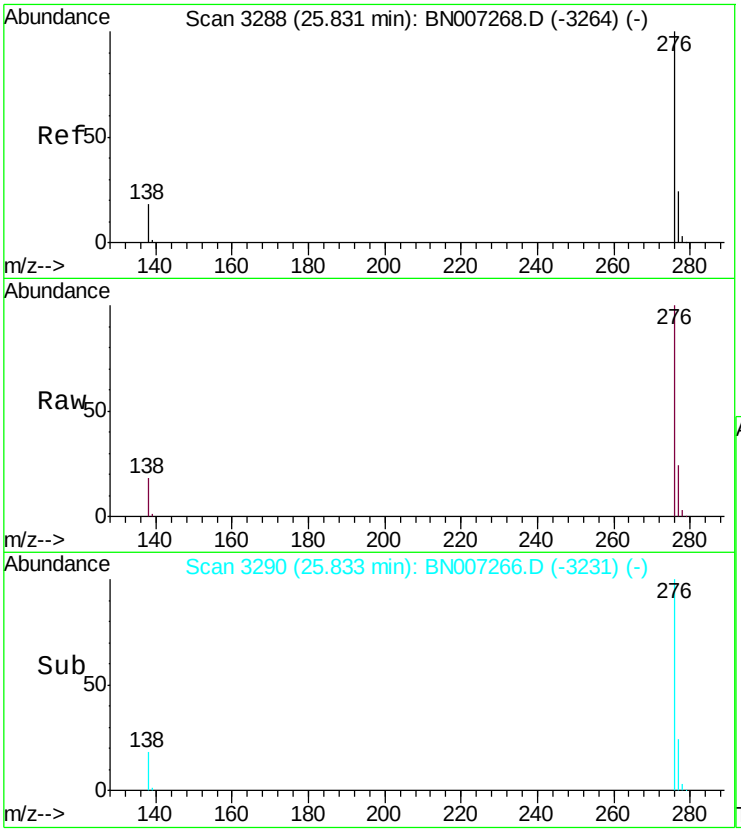


#38
Dibenzo(a,h)anthracene
Concen: 3.744 ng
RT: 25.22 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Tgt Ion:278 Resp: 318564

Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.8	17.8
279	23.4	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 3.596 ng
RT: 25.83 min Scan# 3290
Delta R.T. 0.00 min
Lab File: BN007266.D
Acq: 20 Aug 2019 16:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 320560

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.5	29.3
138	18.4	15.3	22.9