Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
Data File : BN007606.D
Acq On : 12 Sep 2019 13:24
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Sep 12 13:56:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 12:56:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	7448	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	29781	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	15882	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	35245	0.40	ng		0.00
27) Chrysene-d12	21.27	240	37456	0.40	ng		0.00
34) Perylene-d12	23.50	264	34089	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	68839	3.04	ng		0.00
5) Phenol-d6	6.89	99	91105	2.62	ng		0.00
8) Nitrobenzene-d5	8.86	82	77968	4.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	161016	3.13	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	20000	3.31	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	220127	3.35	ng		0.00
25) Fluoranthene-d10	19.11	212	364689	3.18	ng		0.00
29) Terphenyl-d14	19.73	244	302982	3.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	31908	4.062	ng		86
3) n-Nitrosodimethylamine	3.03	42	2482	0.558	ng	#	1
6) bis(2-Chloroethyl)ether	7.15	93	76737	5.224	ng		93
9) Naphthalene	10.54	128	270411	3.228	ng		99
10) Hexachlorobutadiene	10.84	225	53782	3.202	ng	#	100
12) 2-Methylnaphthalene	12.16	142	183147	3.119	ng		99
16) Acenaphthylene	14.05	152	279183	3.273	ng		100
17) Acenaphthene	14.40	154	177130	3.287	ng		98
18) Fluorene	15.39	166	223135	3.145	ng		100
20) 4-Bromophenyl-phenylether	16.28	248	71463	3.429	ng	#	89
21) Hexachlorobenzene	16.40	284	73772	3.365	ng		100
22) Pentachlorophenol	16.74	266	21740	3.568	ng		99
23) Phenanthrene	17.12	178	359598	3.306	ng		100
24) Anthracene	17.22	178	329810	3.287	ng		100
26) Fluoranthene	19.14	202	427583	3.239	ng		99
28) Pyrene	19.51	202	421779	3.133	ng		100
30) Benzo(a)anthracene	21.26	228	427606	3.191	ng		99
31) Chrysene	21.31	228	439356	3.226	ng		99
32) Bis(2-ethylhexyl)phthalate	21.22	149	148947	3.247	ng		100
33) Indeno(1,2,3-cd)pyrene	25.72	276	462268	3.211	ng		100
35) Benzo(b)fluoranthene	22.84	252	409494	3.378	ng		99
36) Benzo(k)fluoranthene	22.88	252	422274	3.526	ng		97
37) Benzo(a)pyrene	23.40	252	370713	3.440	ng		98
38) Dibenzo(a,h)anthracene	25.74	278	381338	3.524	ng		98
39) Benzo(g,h,i)perylene	26.39	276	376336	3.434	ng		100

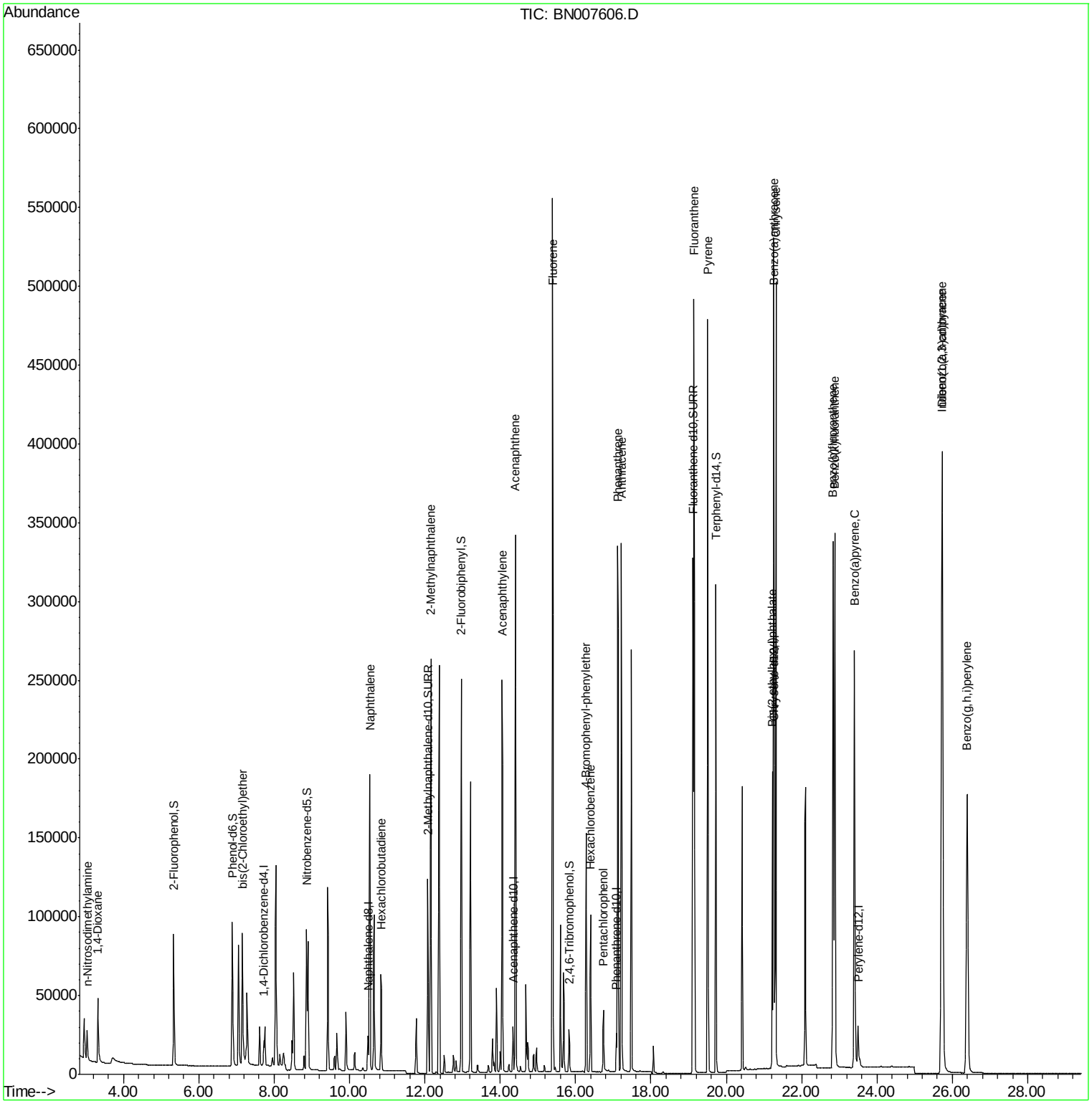
(#) = qualifier out of range (m) = manual integration (+) = signals summed

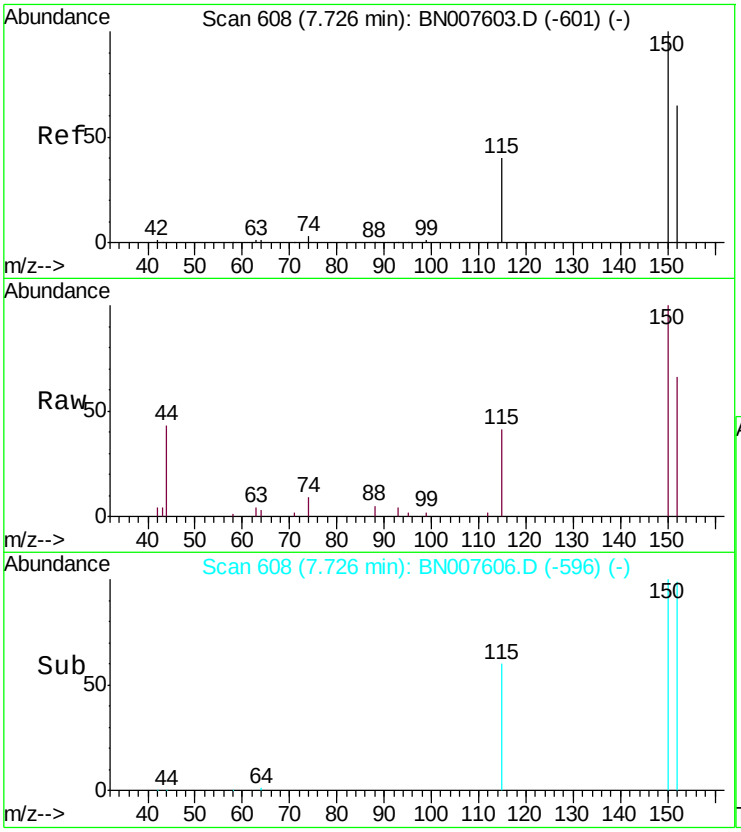
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091219\
Data File : BN007606.D
Acq On : 12 Sep 2019 13:24
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 12 13:56:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 12:56:10 2019
Response via : Initial Calibration



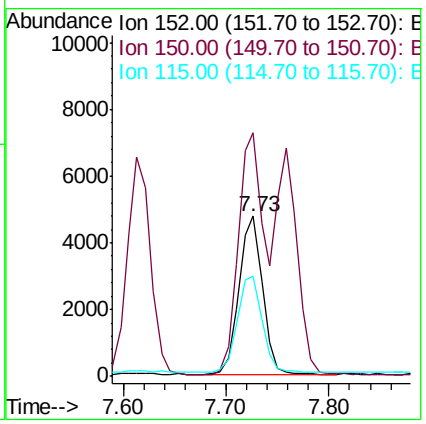


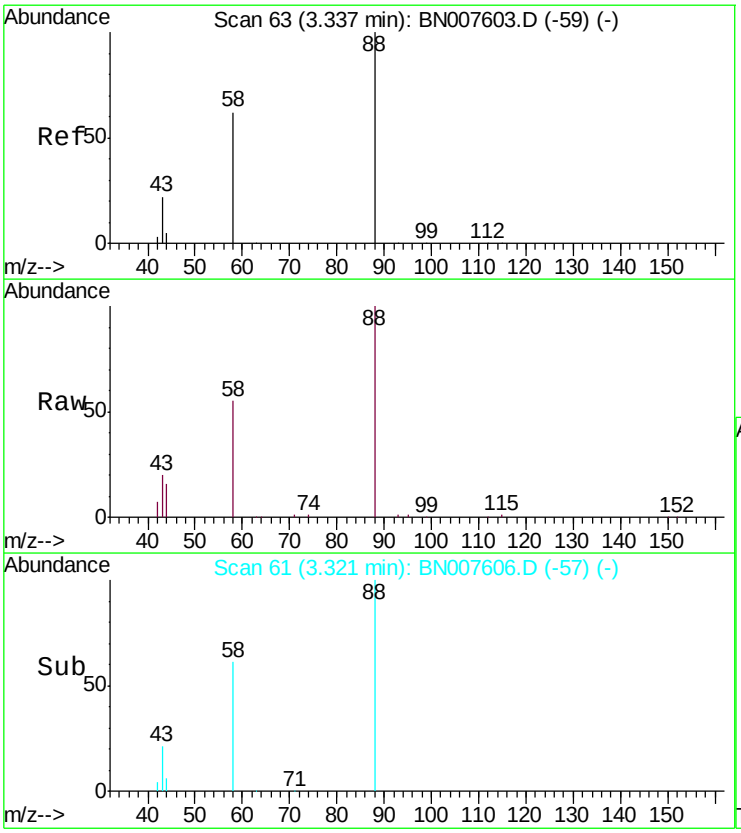
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 7448

Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.4	183.6
115	62.5	50.4	75.6

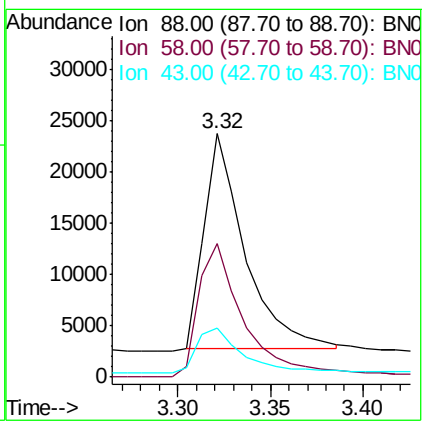


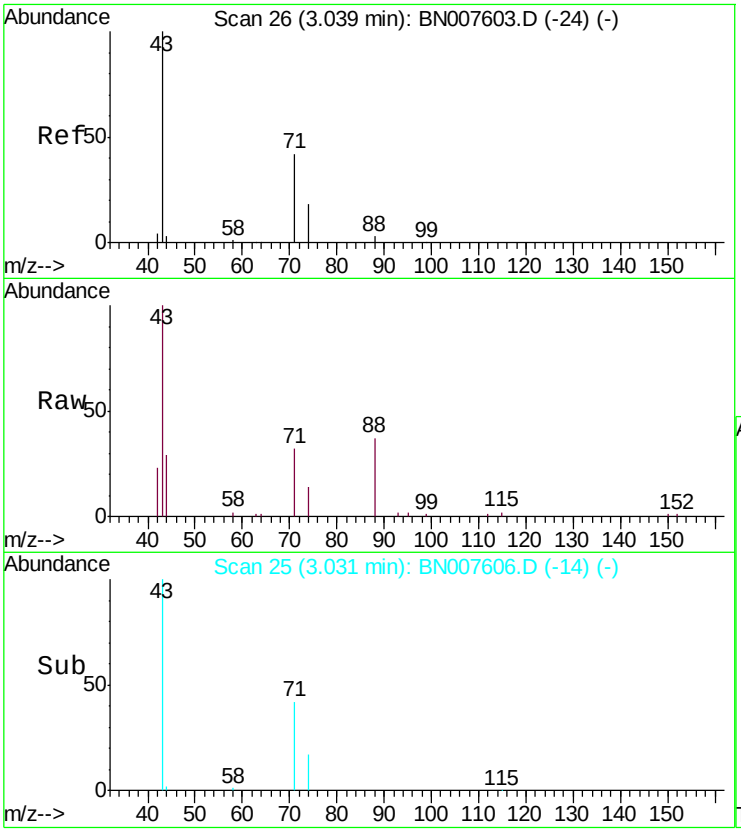


#2
1,4-Dioxane
Concen: 4.062 ng
RT: 3.32 min Scan# 61
Delta R.T. -0.02 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion: 88 Resp: 31908

Ion	Ratio	Lower	Upper
88	100		
58	58.3	57.0	85.4
43	20.1	20.0	30.0



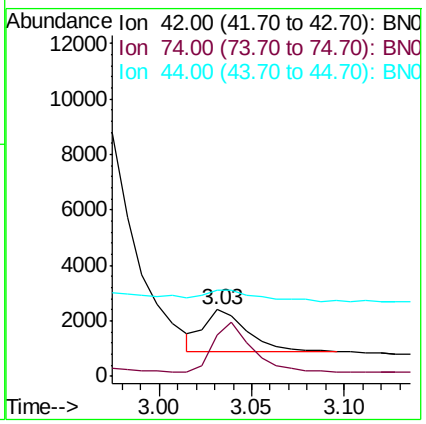


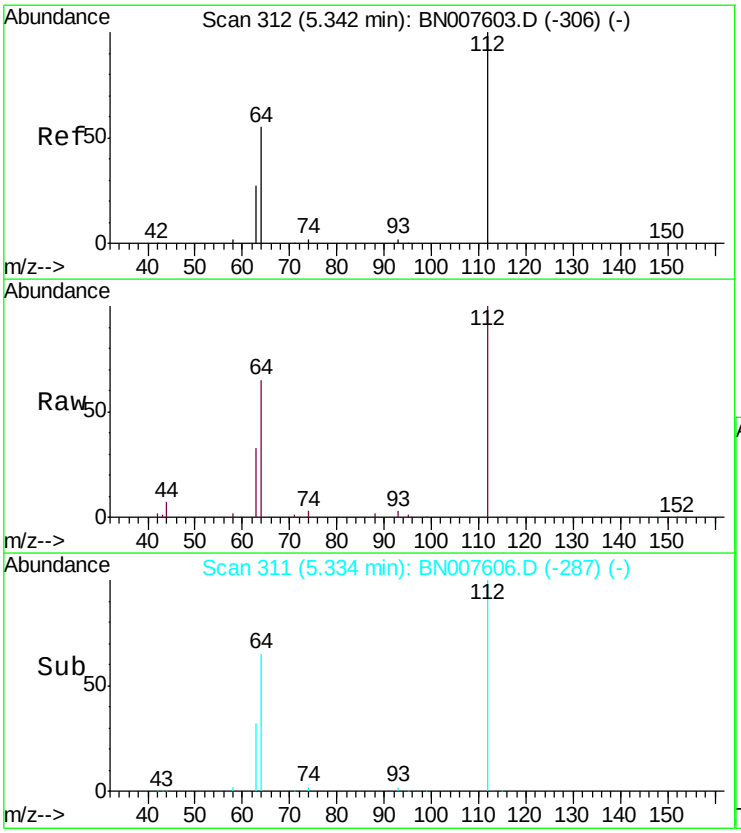
#3
n-Nitrosodimethylamine
Concen: 0.558 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 2482

Ion	Ratio	Lower	Upper
42	100		
74	103.5	9.8	14.8#
44	34.9	0.0	0.0#

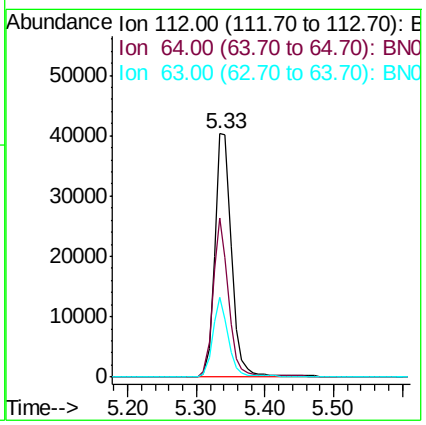


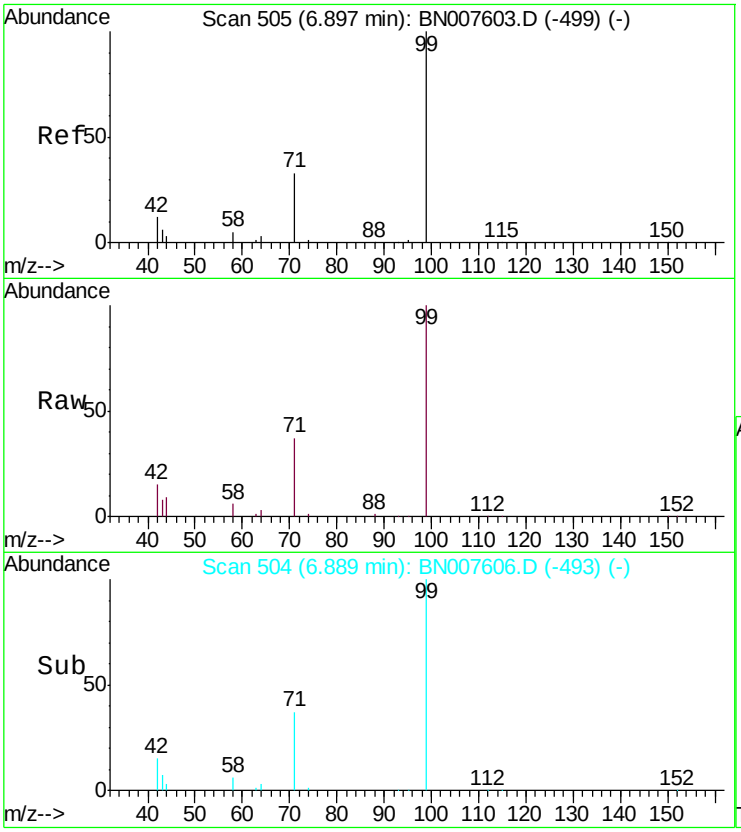


#4
2-Fluorophenol
Concen: 3.035 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:112 Resp: 68839

Ion	Ratio	Lower	Upper
112	100		
64	60.3	48.5	72.7
63	30.1	24.4	36.6



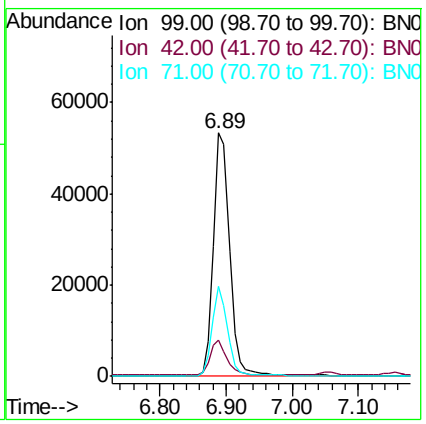


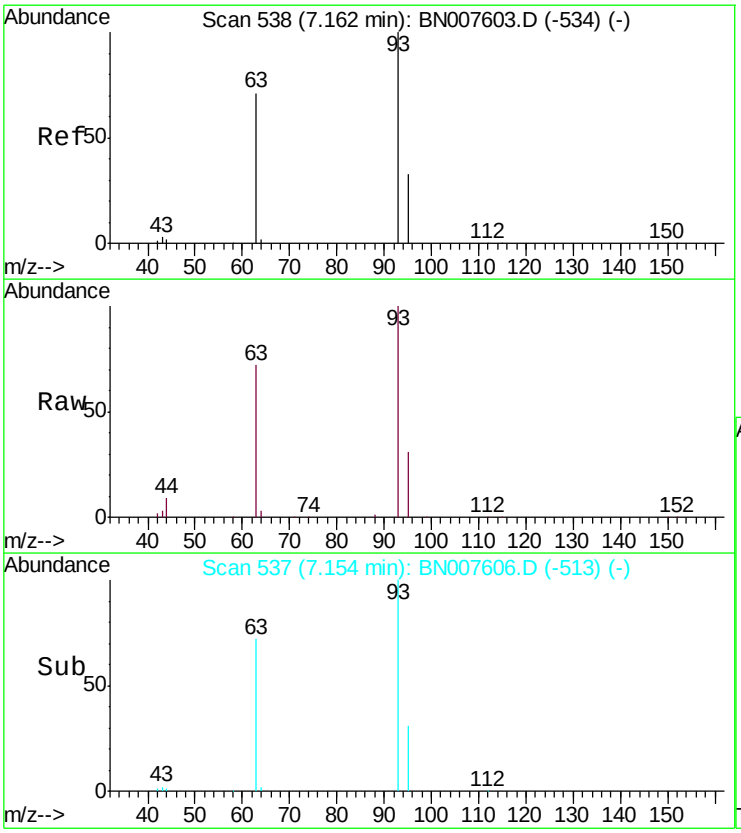
#5
Phenol-d6
Concen: 2.617 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 91105

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.8	17.6
71	35.1	28.0	42.0

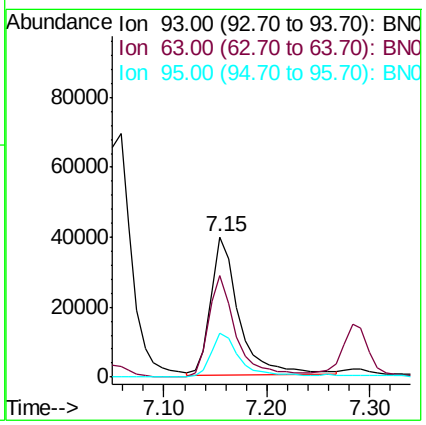


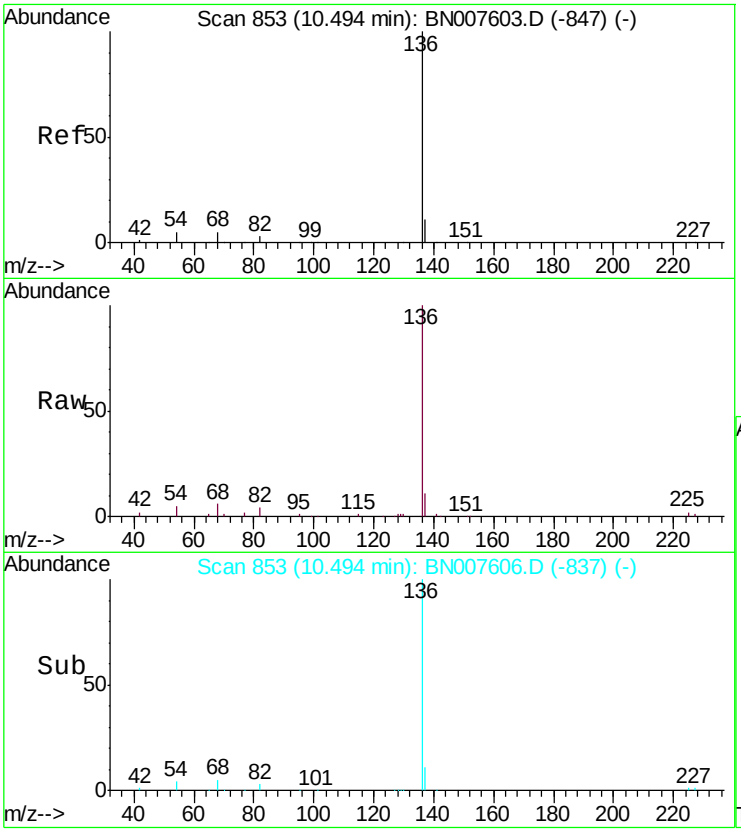


#6
bis(2-Chloroethyl)ether
Concen: 5.224 ng
RT: 7.15 min Scan# 537
Delta R.T. -0.01 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion: 93 Resp: 76737

Ion	Ratio	Lower	Upper
93	100		
63	69.5	61.2	91.8
95	31.3	27.2	40.8



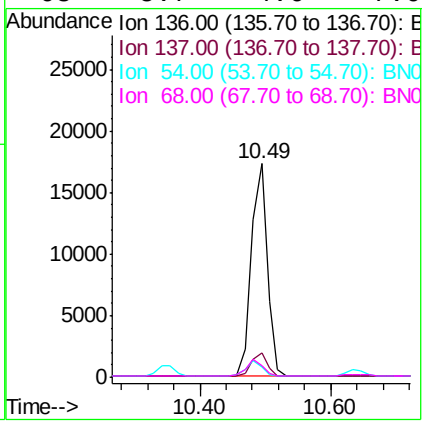


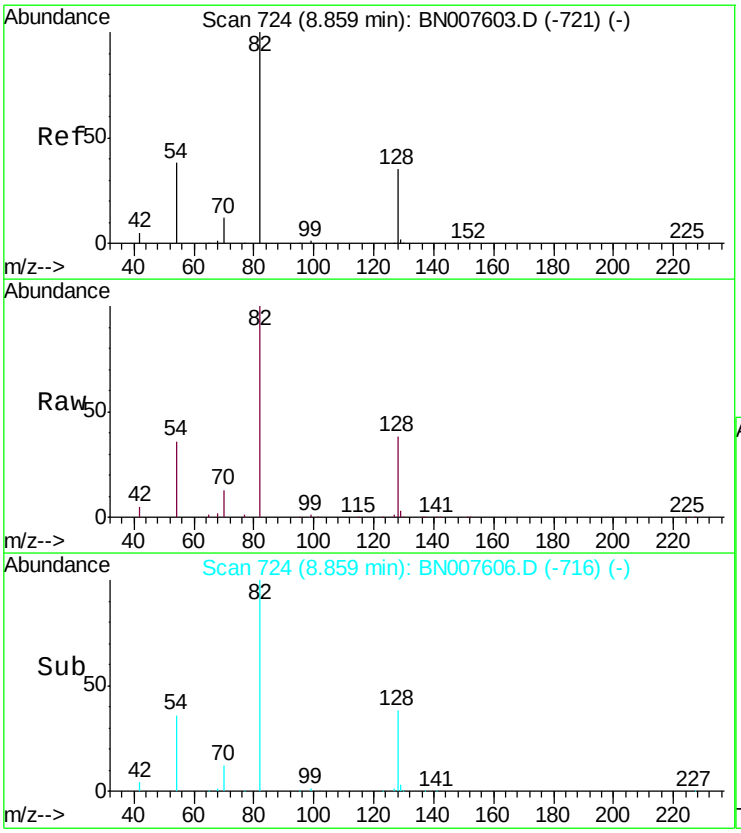
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 29781

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	4.9	4.2	6.4
68	5.7	4.6	7.0

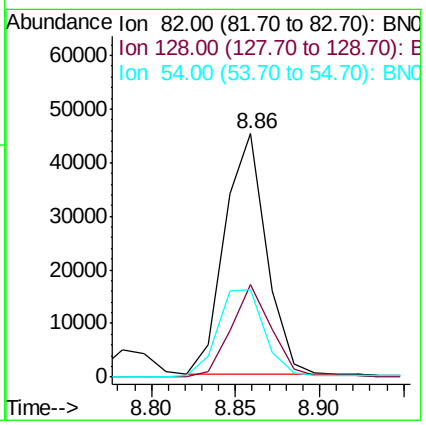


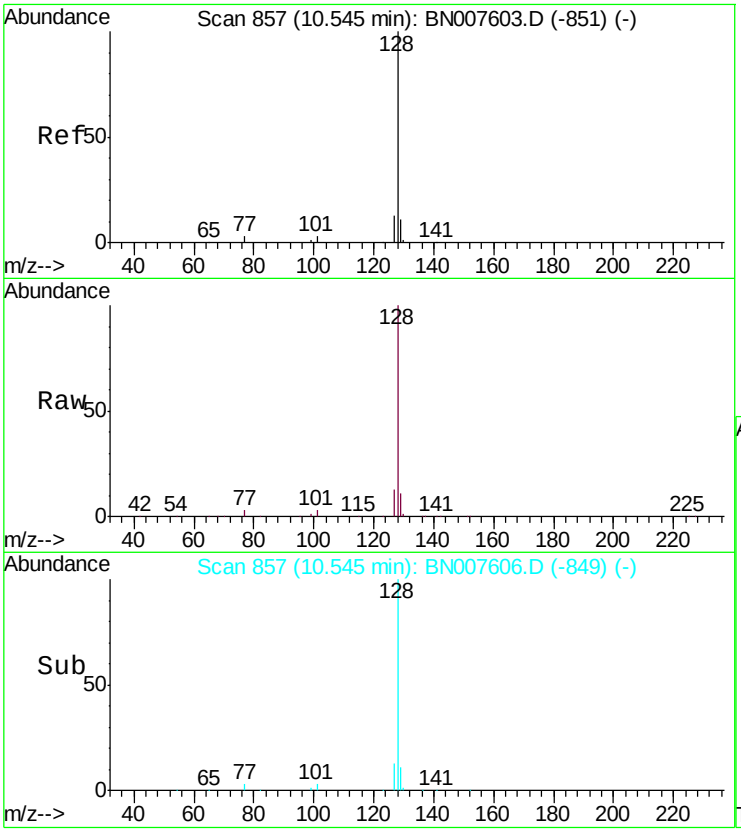


#8
Nitrobenzene-d5
Concen: 4.298 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion: 82 Resp: 77968

Ion	Ratio	Lower	Upper
82	100		
128	38.1	27.9	41.9
54	36.1	30.9	46.3



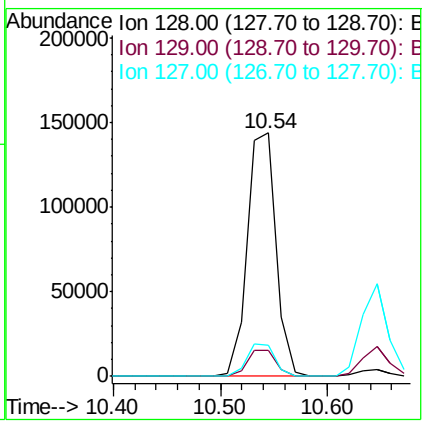


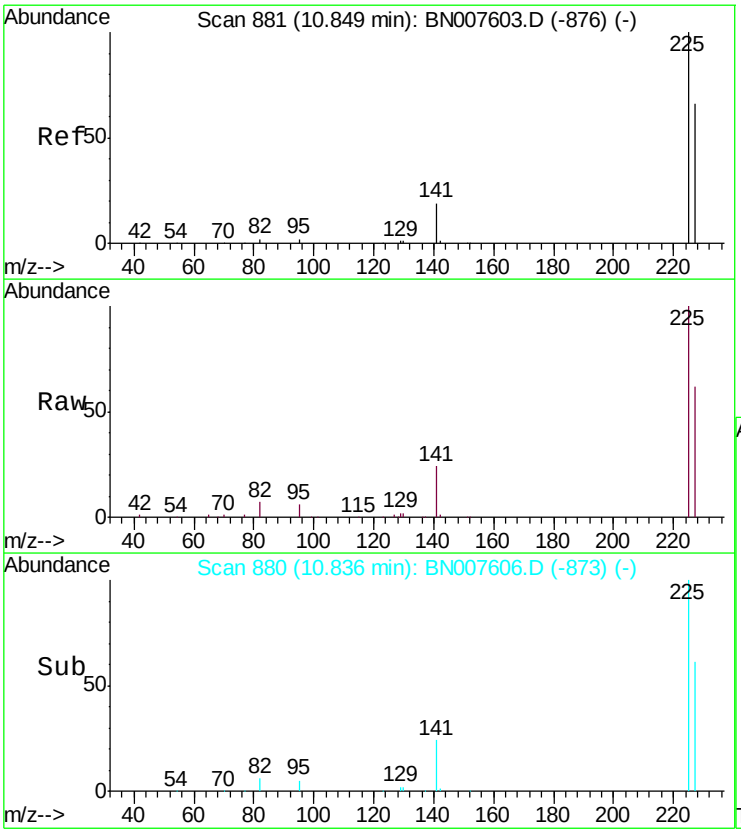
#9
Naphthalene
Concen: 3.228 ng
RT: 10.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 270411

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.7	10.4	15.6

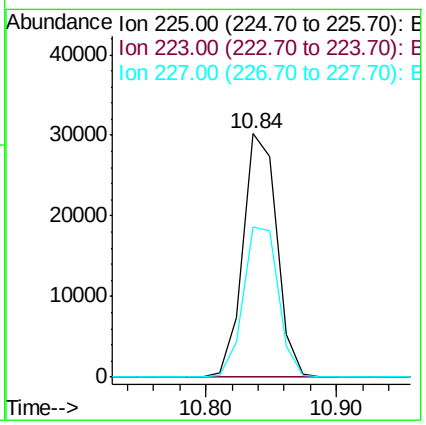


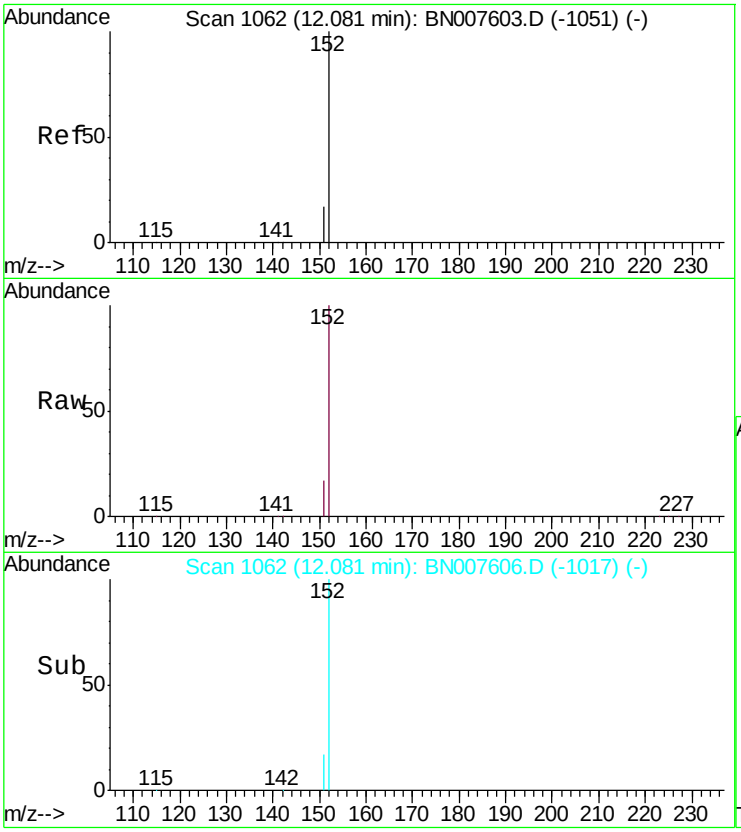


#10
Hexachlorobutadiene
Concen: 3.202 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:225 Resp: 53782

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.3	76.9



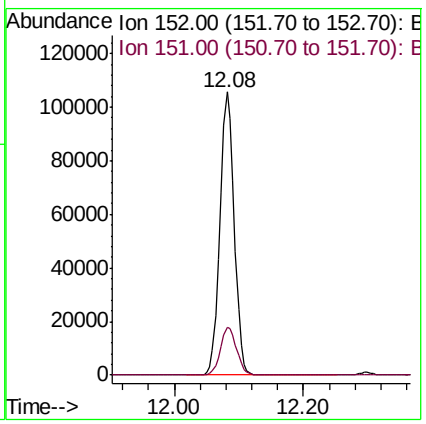


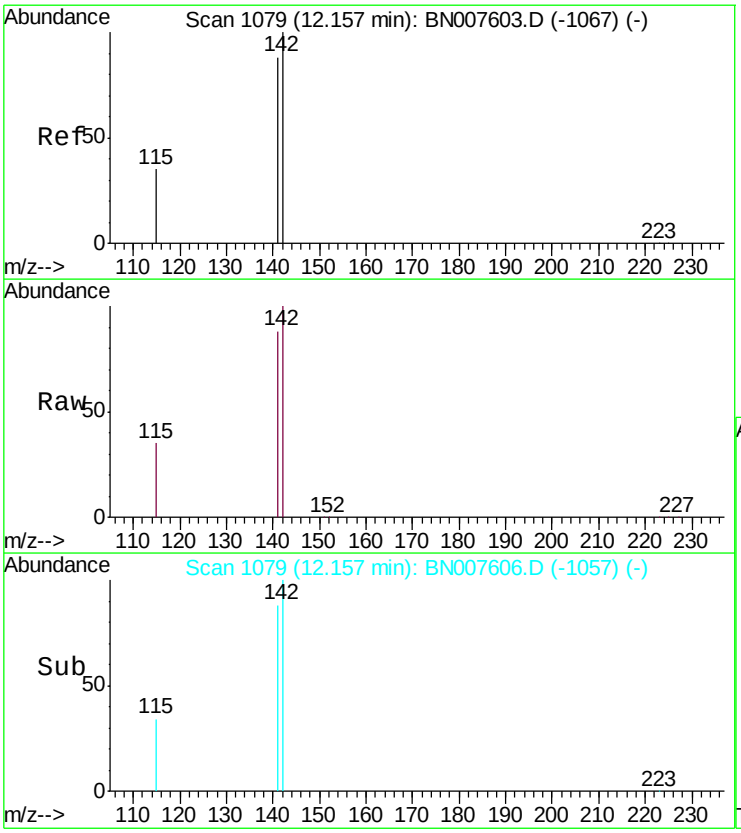
#11
2-Methylnaphthalene-d10
Concen: 3.133 ng
RT: 12.08 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 161016

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.3	22.9

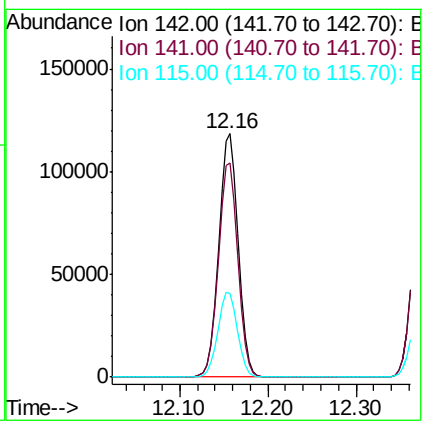


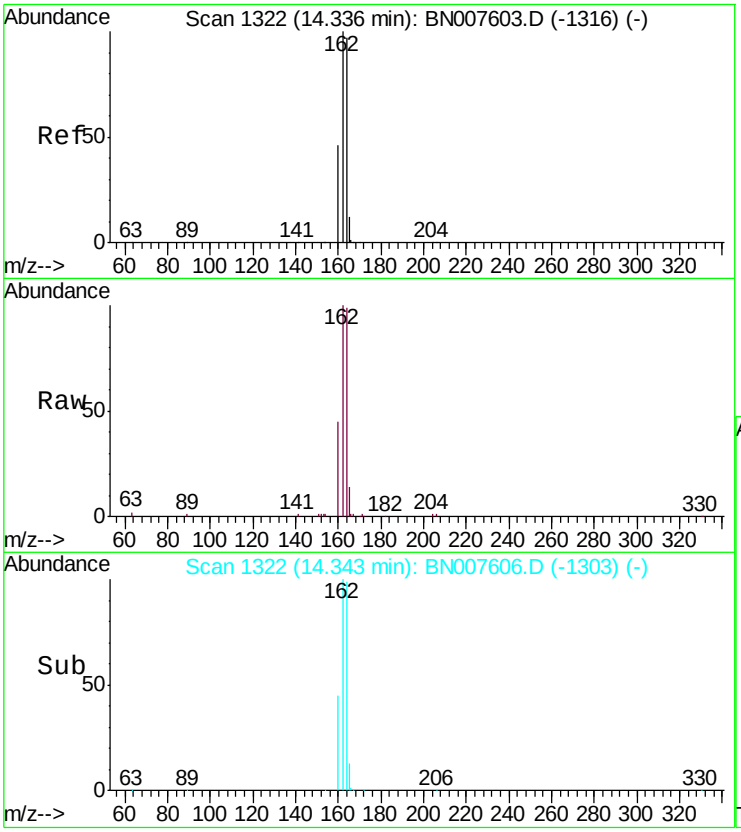


#12
2-Methylnaphthalene
Concen: 3.119 ng
RT: 12.16 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:142 Resp: 183147

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.5	105.7
115	34.5	28.4	42.6



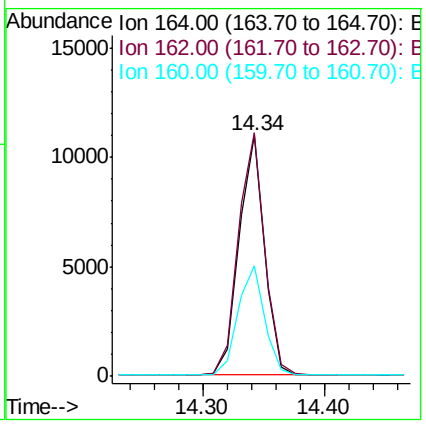


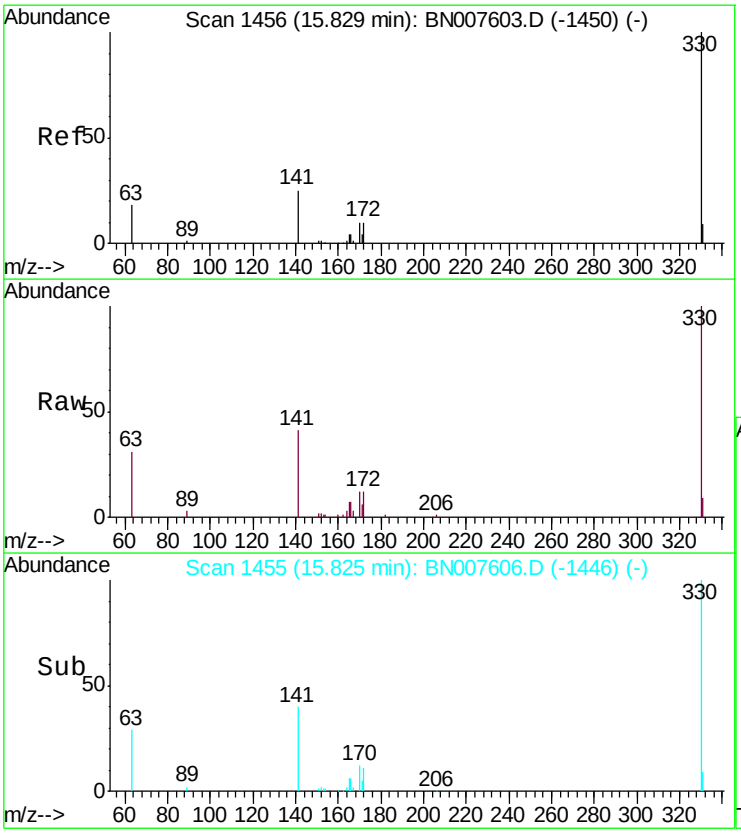
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 15882

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.8	124.2
160	45.6	38.0	57.0

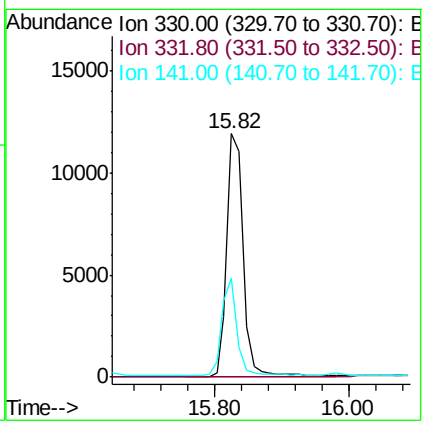


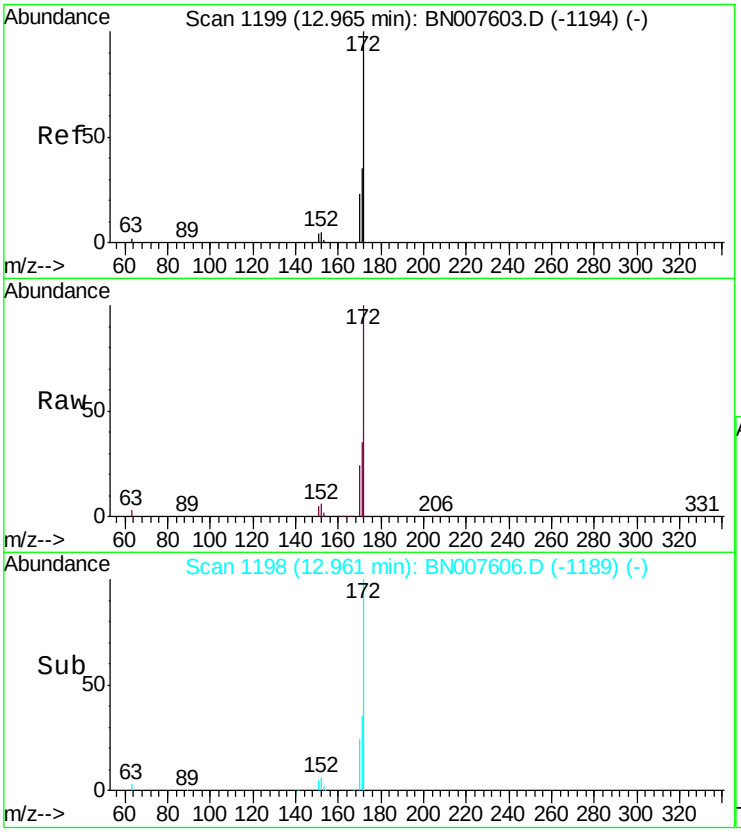


#14
2,4,6-Tribromophenol
Concen: 3.314 ng
RT: 15.82 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:330 Resp: 20000

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.8	30.1	45.1



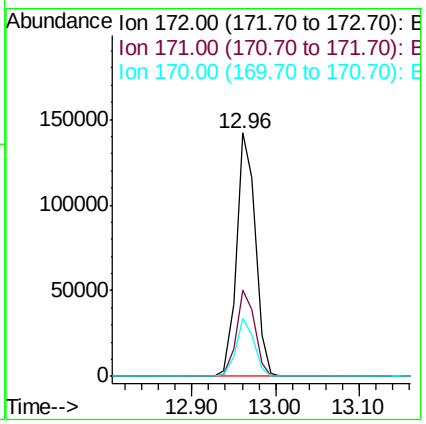


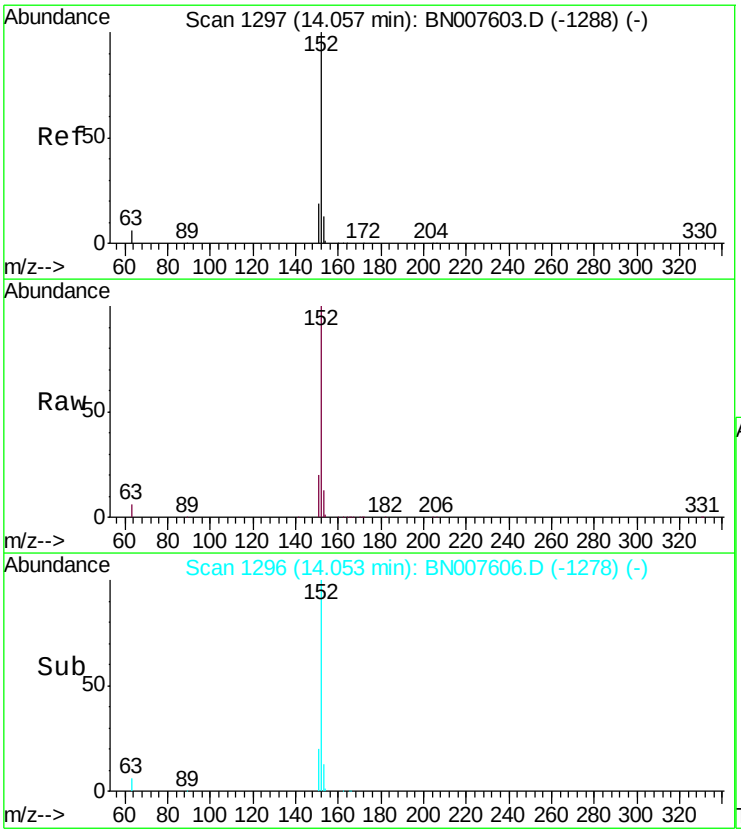
#15
2-Fluorobiphenyl
Concen: 3.353 ng
RT: 12.96 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 220127

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.6	18.5	27.7

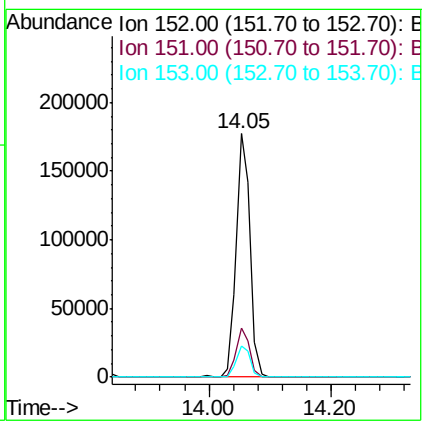


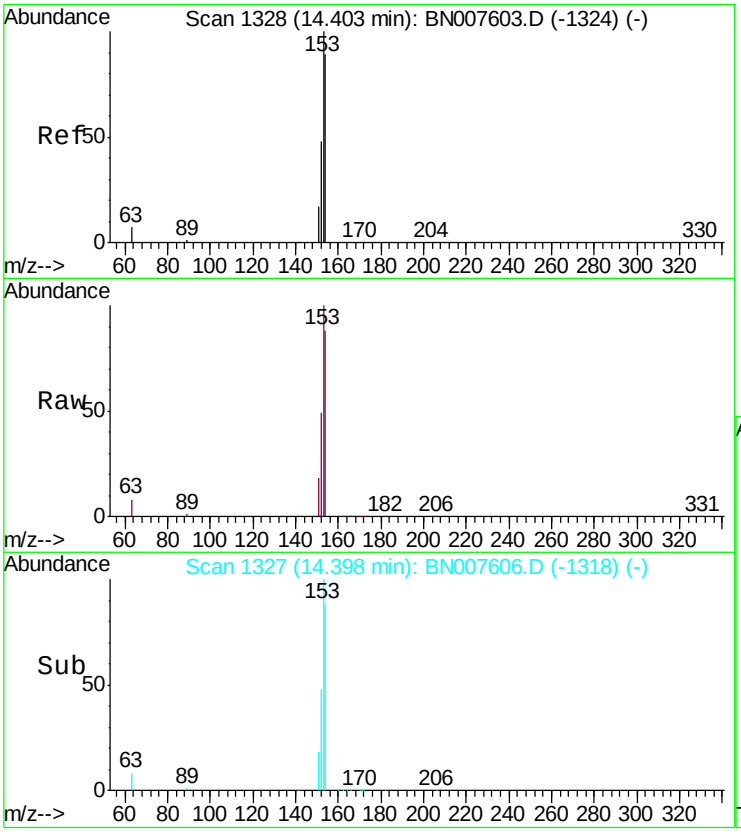


#16
Acenaphthylene
Concen: 3.273 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:152 Resp: 279183

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.4	15.6



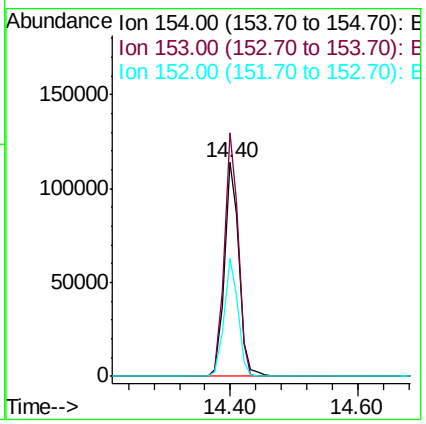


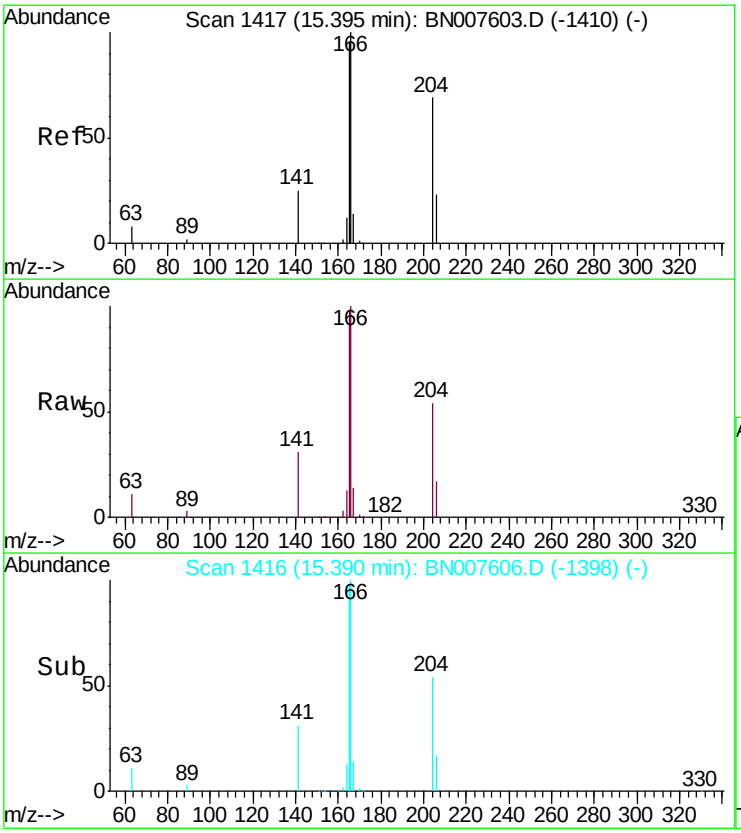
#17
Acenaphthene
Concen: 3.287 ng
RT: 14.40 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 177130

Ion	Ratio	Lower	Upper
154	100		
153	109.9	89.8	134.8
152	53.1	43.8	65.8

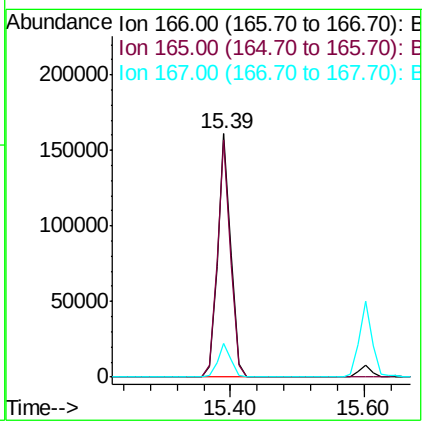


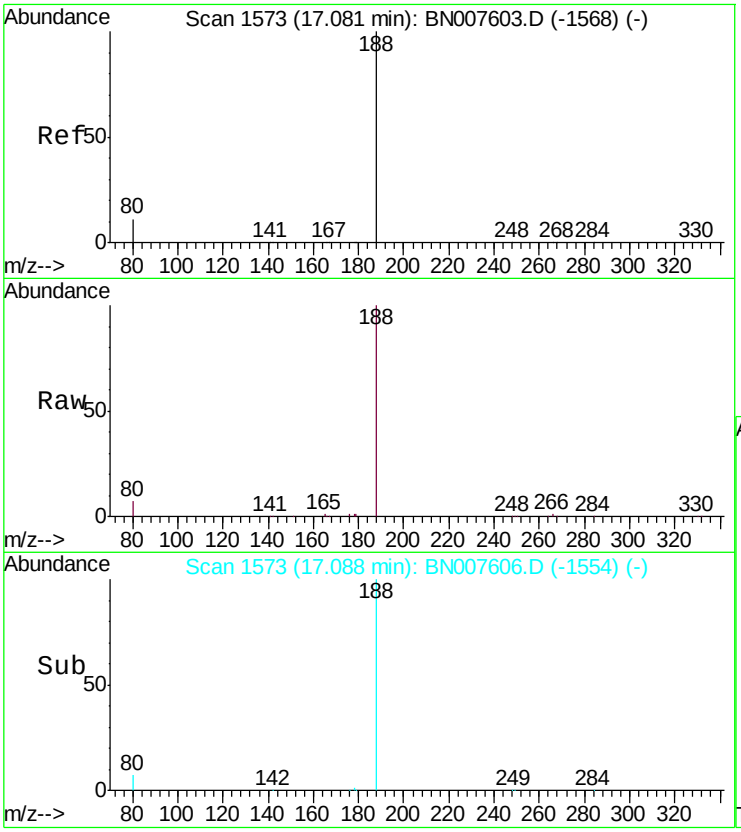


#18
Fluorene
Concen: 3.145 ng
RT: 15.39 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:166 Resp: 223135

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.6
167	13.6	10.8	16.2



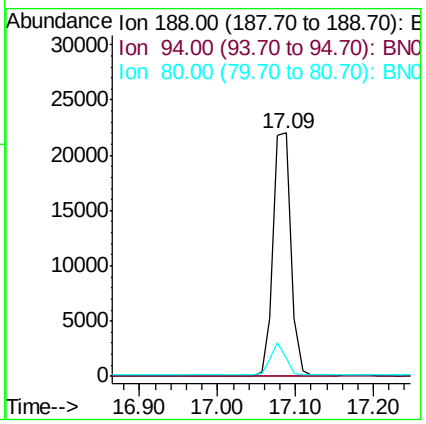


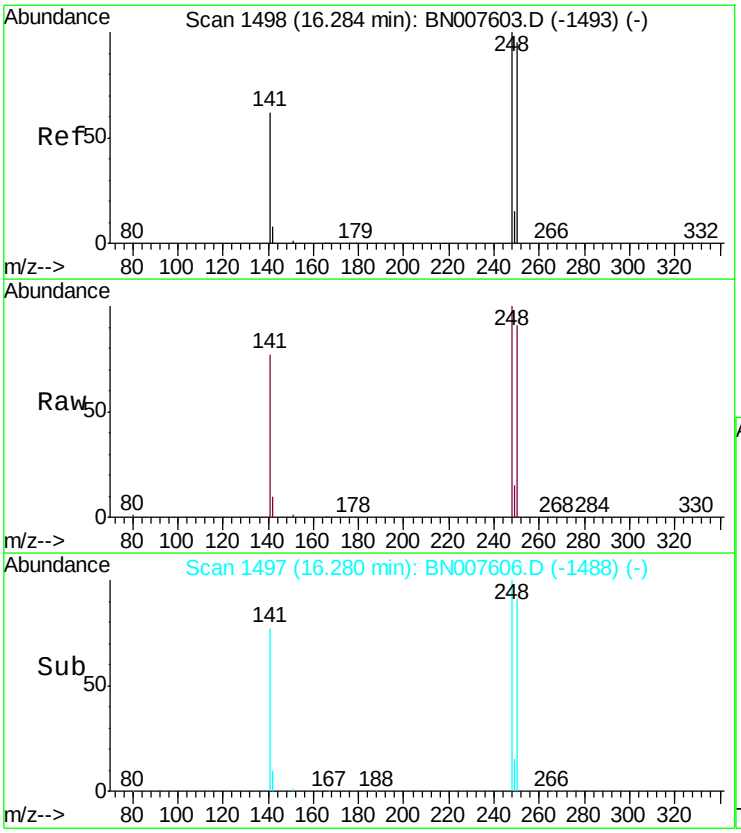
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 35245

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	8.8	13.2#

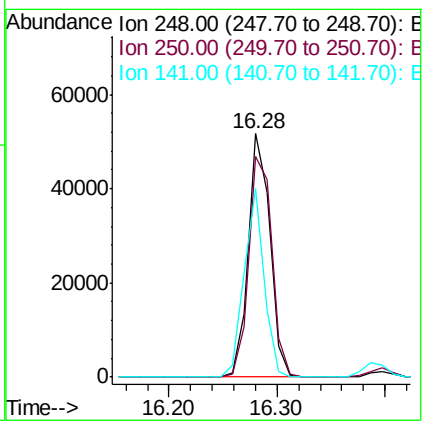


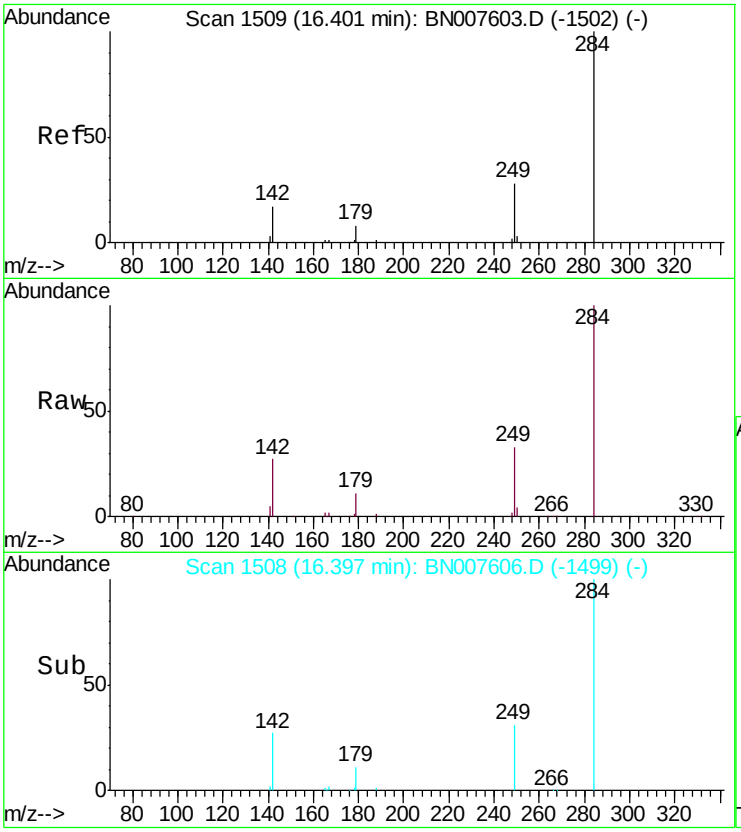


#20
4-Bromophenyl-phenylether
Concen: 3.429 ng
RT: 16.28 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:248 Resp: 71463

Ion	Ratio	Lower	Upper
248	100		
250	90.7	76.3	114.5
141	77.2	49.7	74.5#



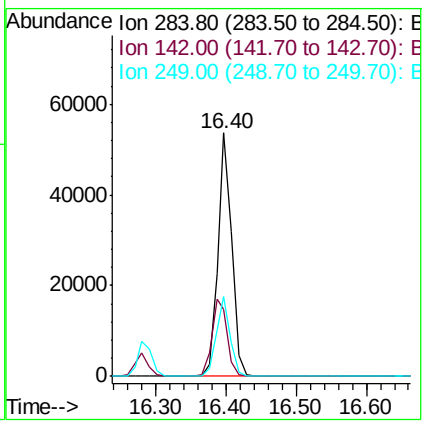


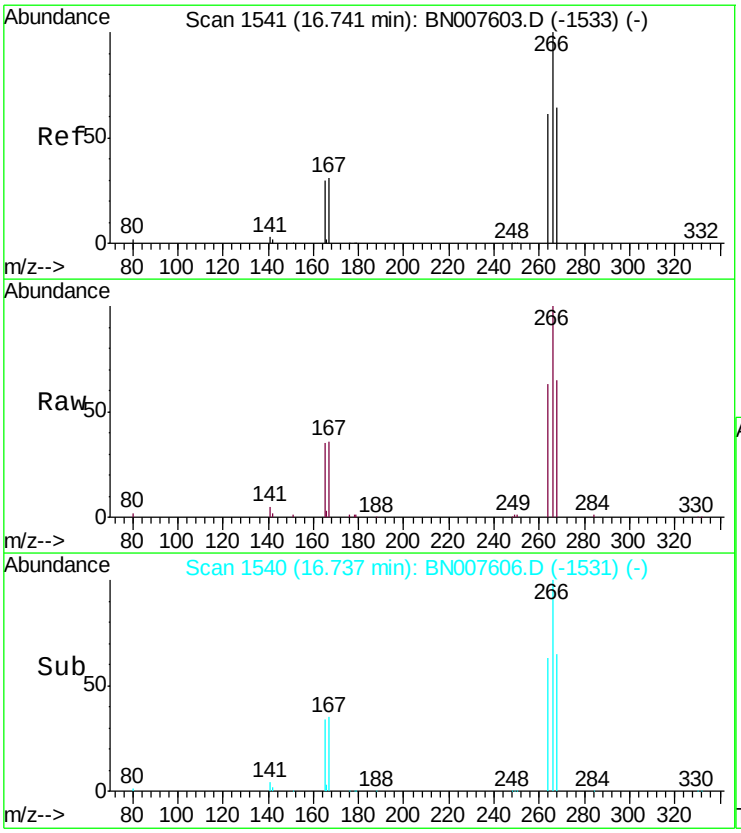
#21
Hexachlorobenzene
Concen: 3.365 ng
RT: 16.40 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 73772

Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.8	41.6
249	32.5	25.5	38.3

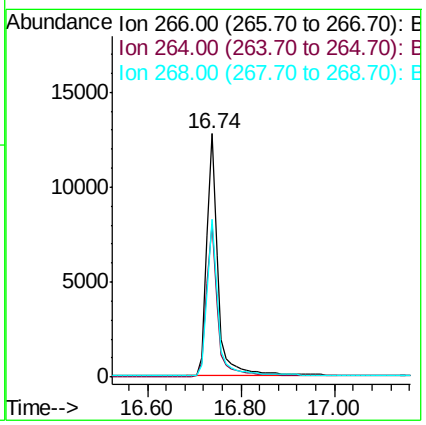


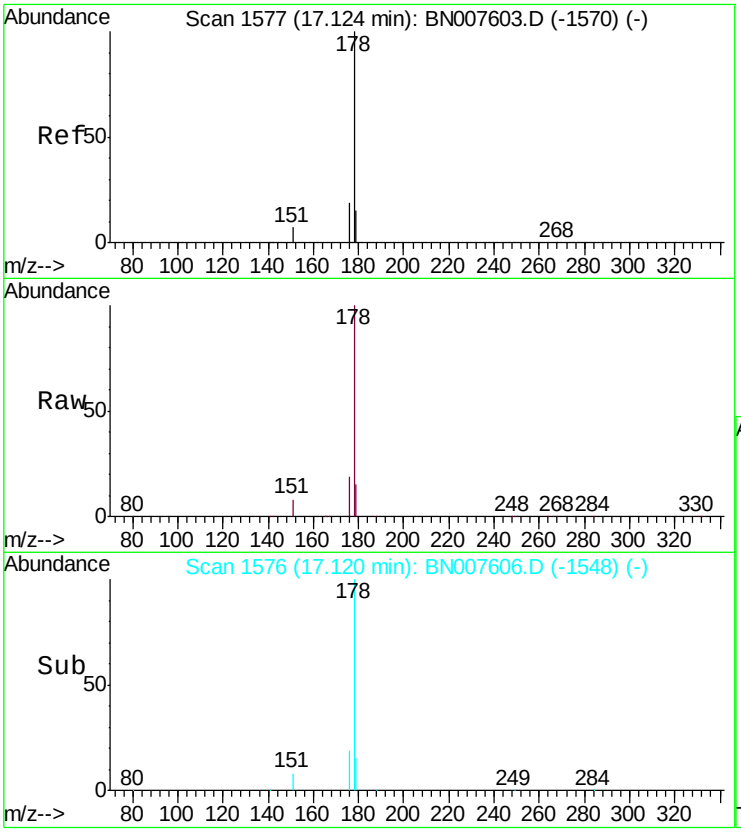


#22
Pentachlorophenol
Concen: 3.568 ng
RT: 16.74 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:266 Resp: 21740

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.4	74.0
268	64.9	53.0	79.6



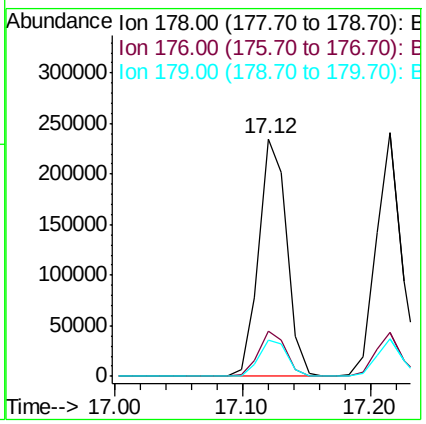


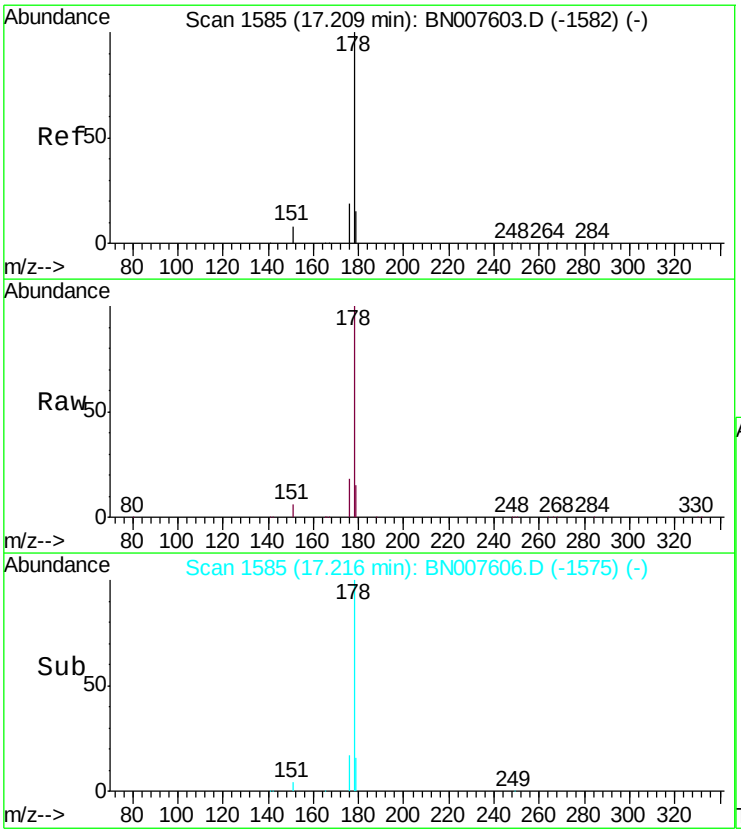
#23
Phenanthrene
Concen: 3.306 ng
RT: 17.12 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 359598

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.3	12.4	18.6

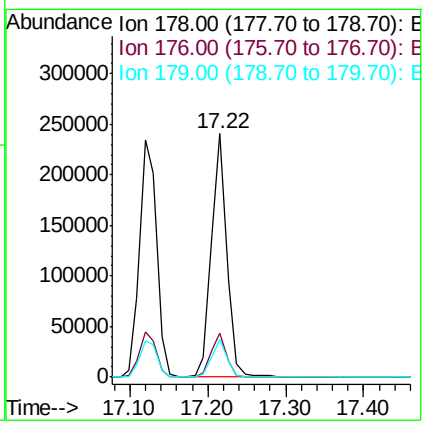


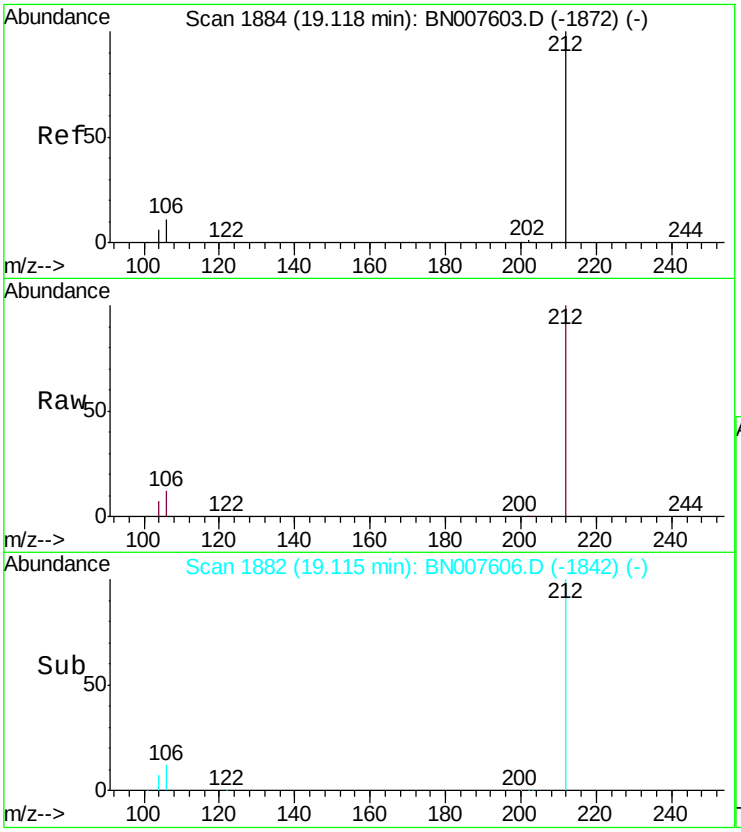


#24
Anthracene
Concen: 3.287 ng
RT: 17.22 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:178 Resp: 329810

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.3	12.4	18.6



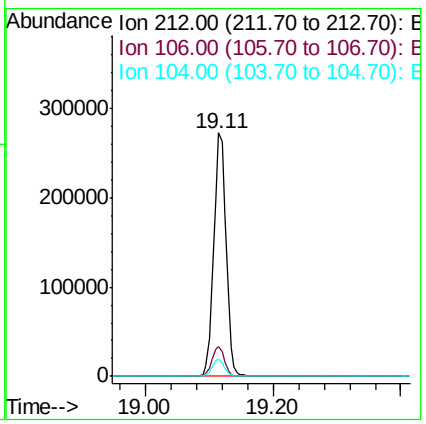


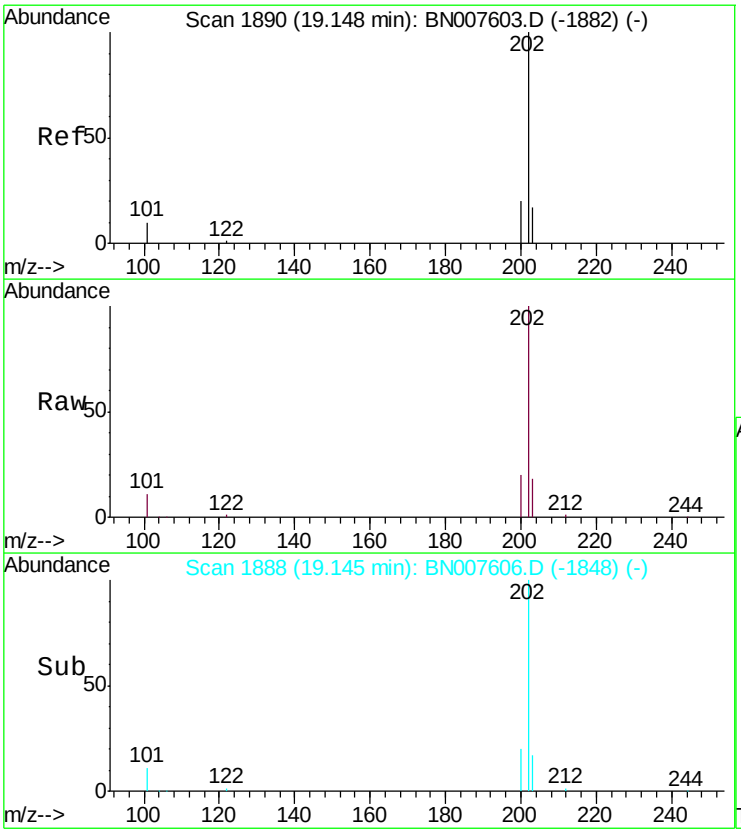
#25
Fluoranthene-d10
Concen: 3.185 ng
RT: 19.11 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 364689

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.6	14.4
104	6.8	5.4	8.0

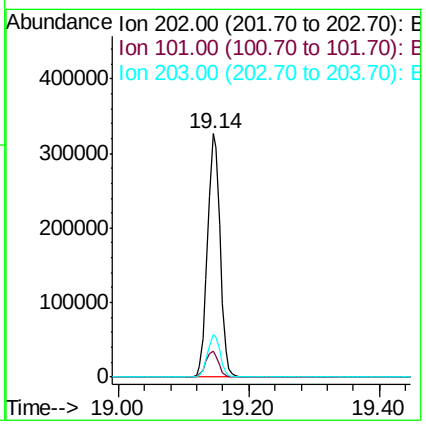


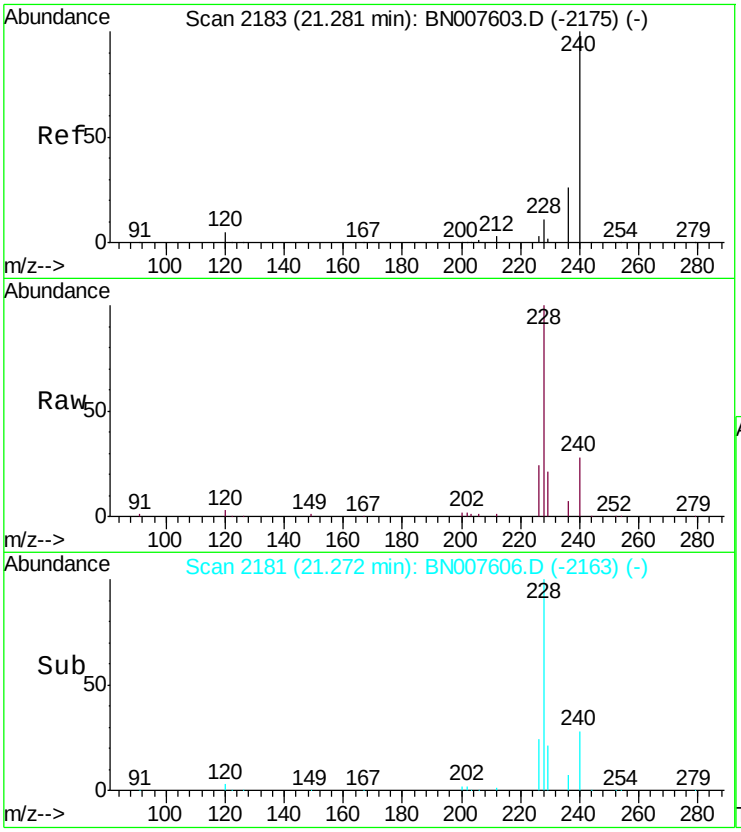


#26
Fluoranthene
Concen: 3.239 ng
RT: 19.14 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:202 Resp: 427583

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	13.0
203	17.5	13.8	20.6



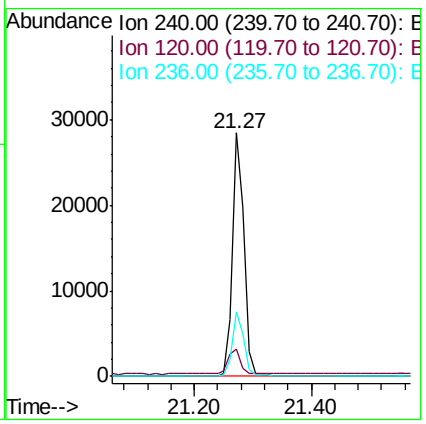


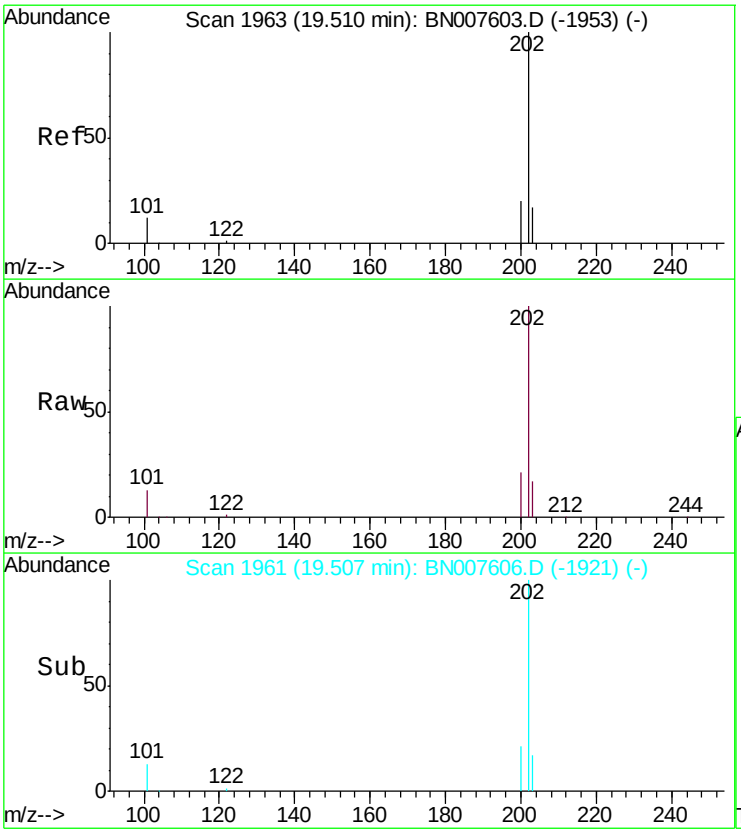
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 37456

Ion	Ratio	Lower	Upper
240	100		
120	11.0	4.3	6.5#
236	26.6	20.8	31.2

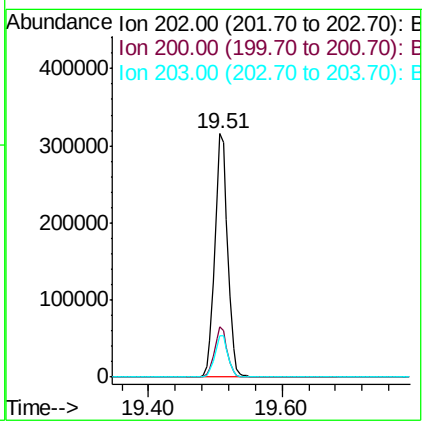


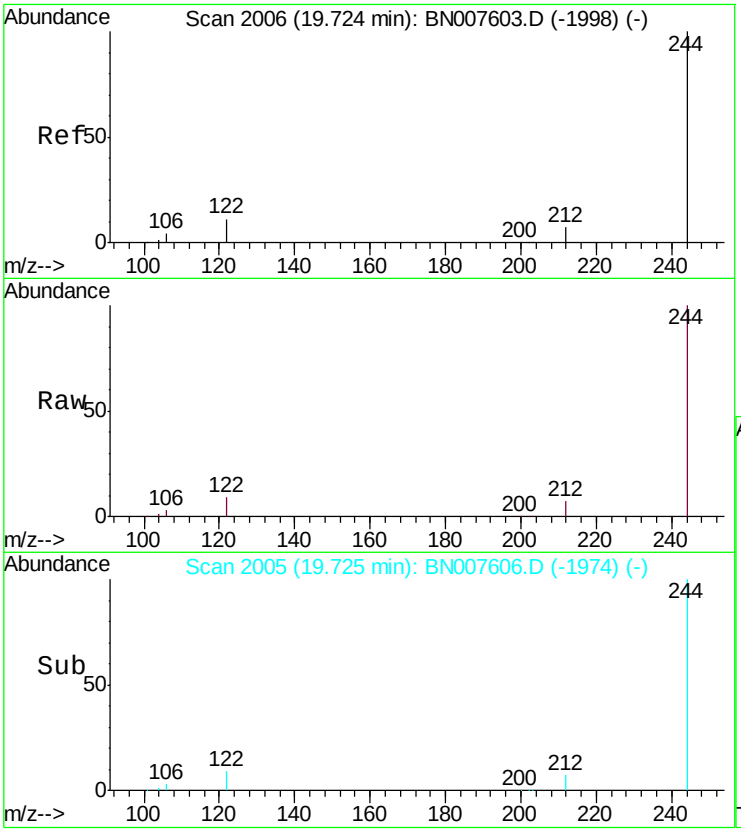


#28
Pyrene
Concen: 3.133 ng
RT: 19.51 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:202 Resp: 421779

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.5	14.0	21.0



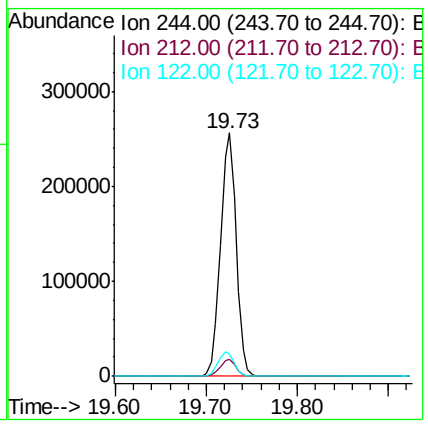


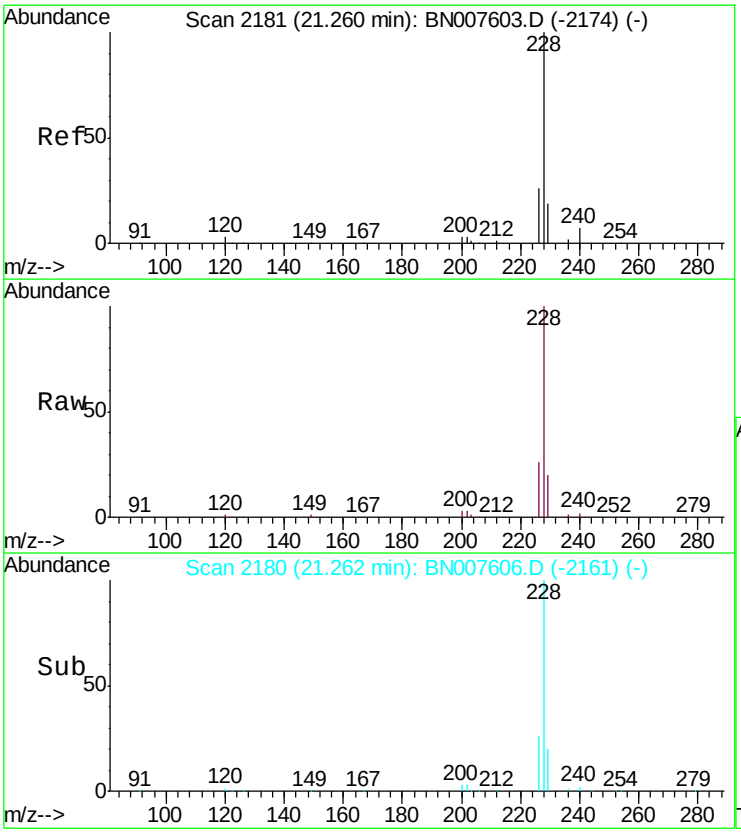
#29
Terphenyl-d14
Concen: 3.109 ng
RT: 19.73 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 302982

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.2	8.6	12.8

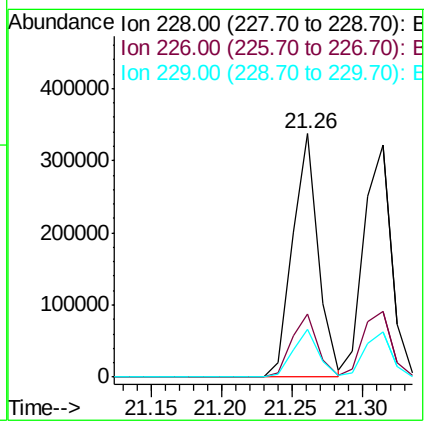


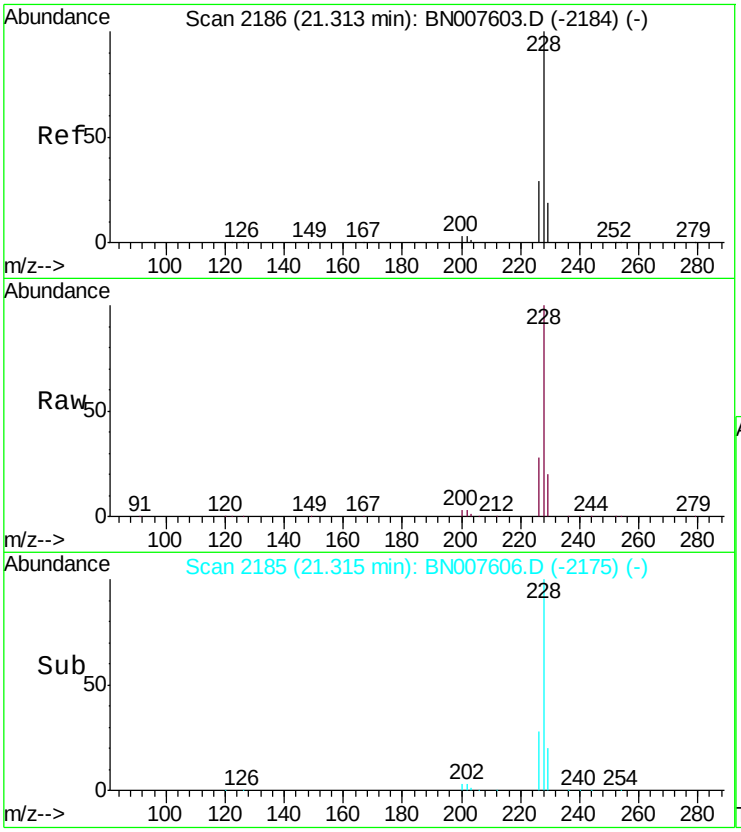


#30
Benzo(a)anthracene
Concen: 3.191 ng
RT: 21.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:228 Resp: 427606

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.2	31.8
229	19.8	15.5	23.3



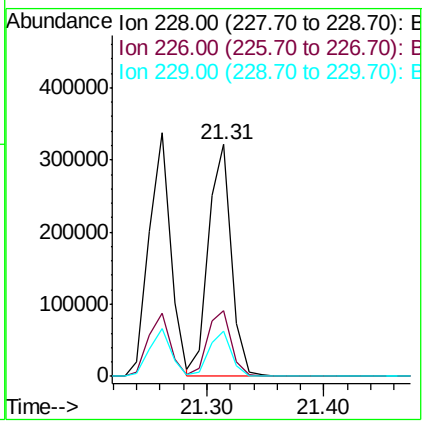


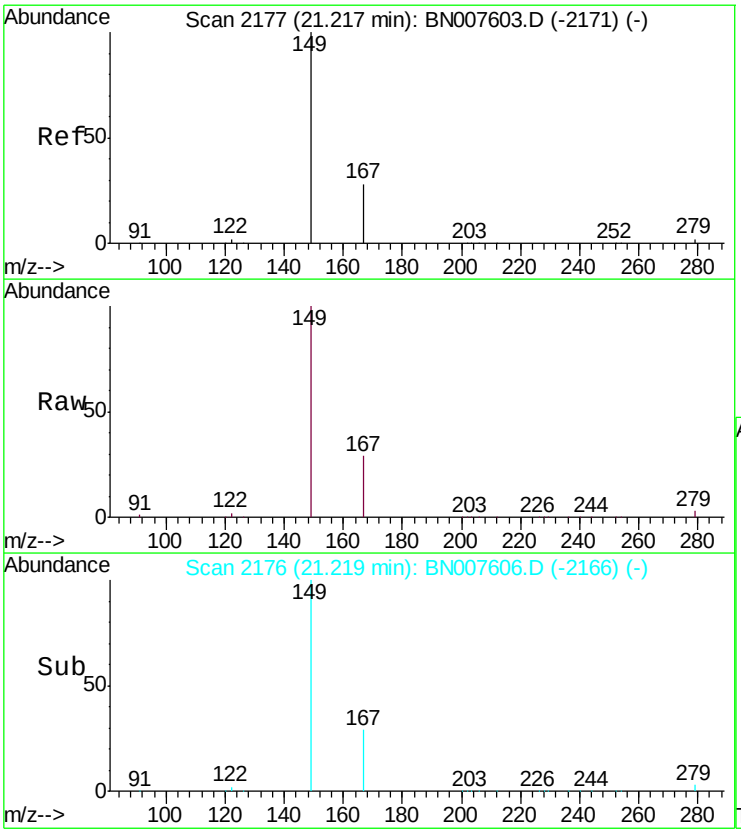
#31
Chrysene
Concen: 3.226 ng
RT: 21.31 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 439356

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	19.7	15.5	23.3

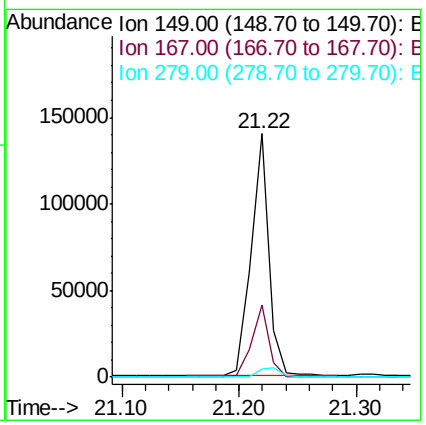


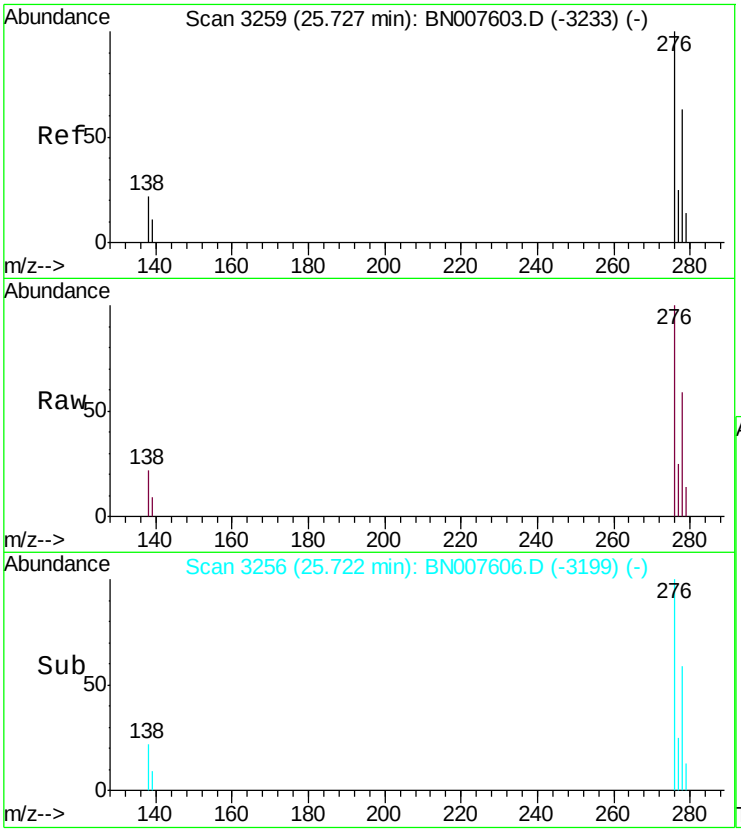


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.247 ng
RT: 21.22 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:149 Resp: 148947

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	34.0
279	4.7	3.8	5.6



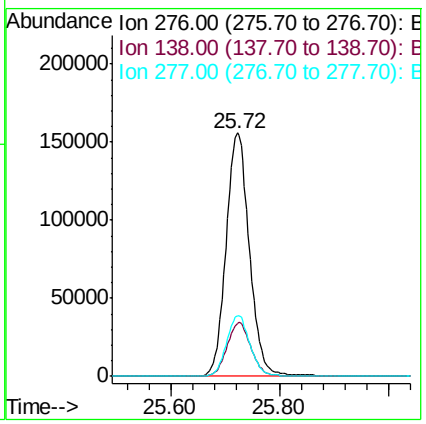


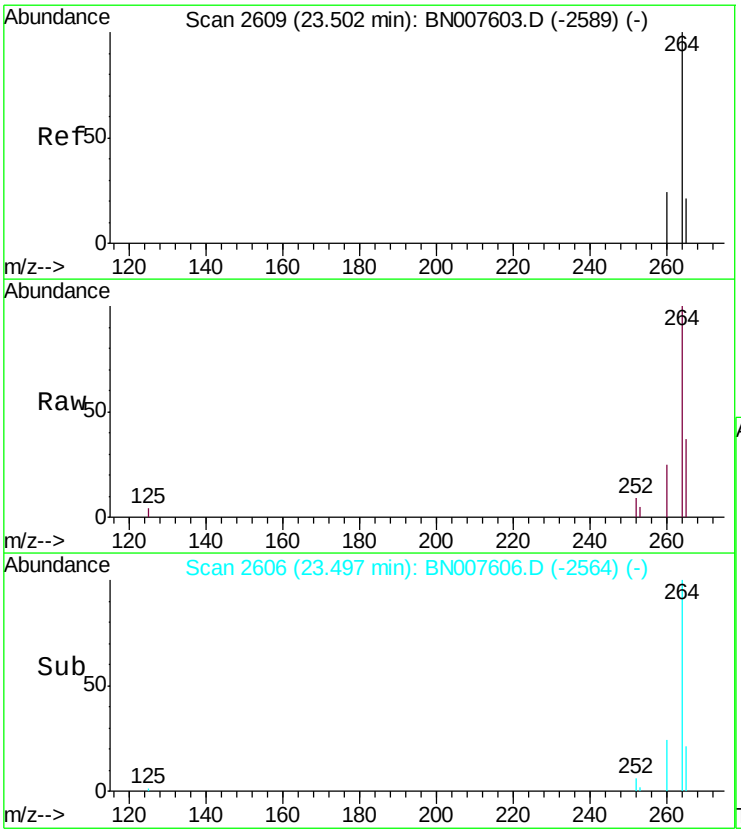
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.211 ng
RT: 25.72 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 462268

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.2	27.4
277	25.1	20.1	30.1

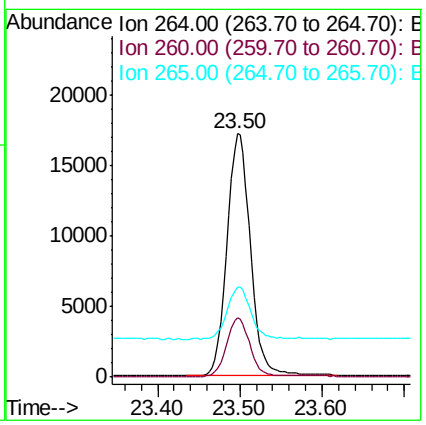


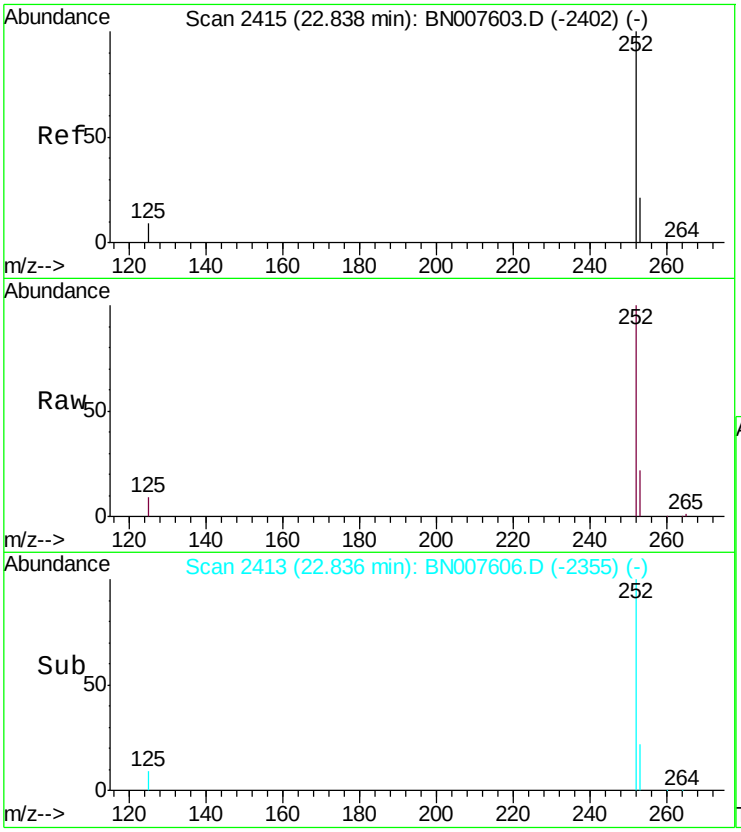


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:264 Resp: 34089

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.1	28.7
265	36.7	24.6	37.0



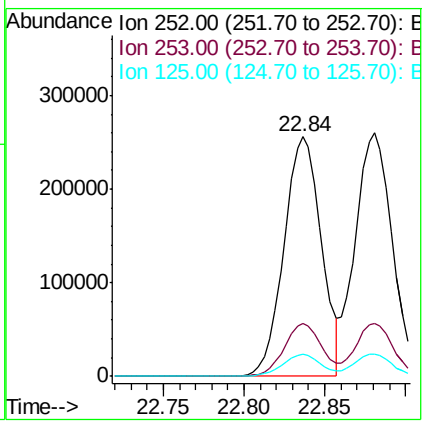


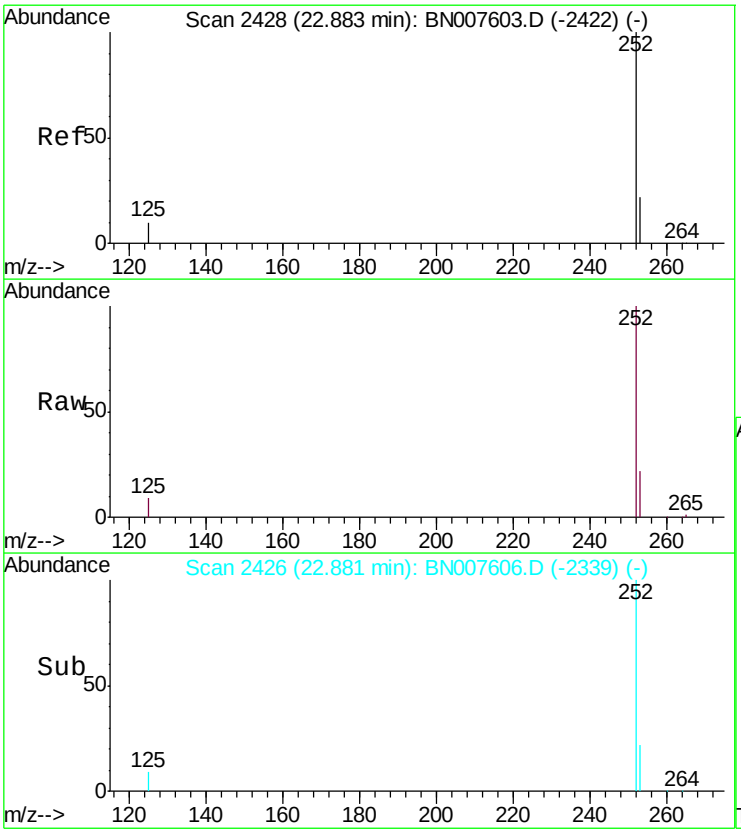
#35
Benzo(b)fluoranthene
Concen: 3.378 ng
RT: 22.84 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 409494

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	9.1	8.0	12.0

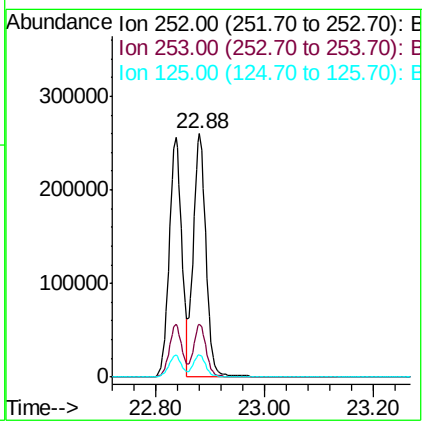


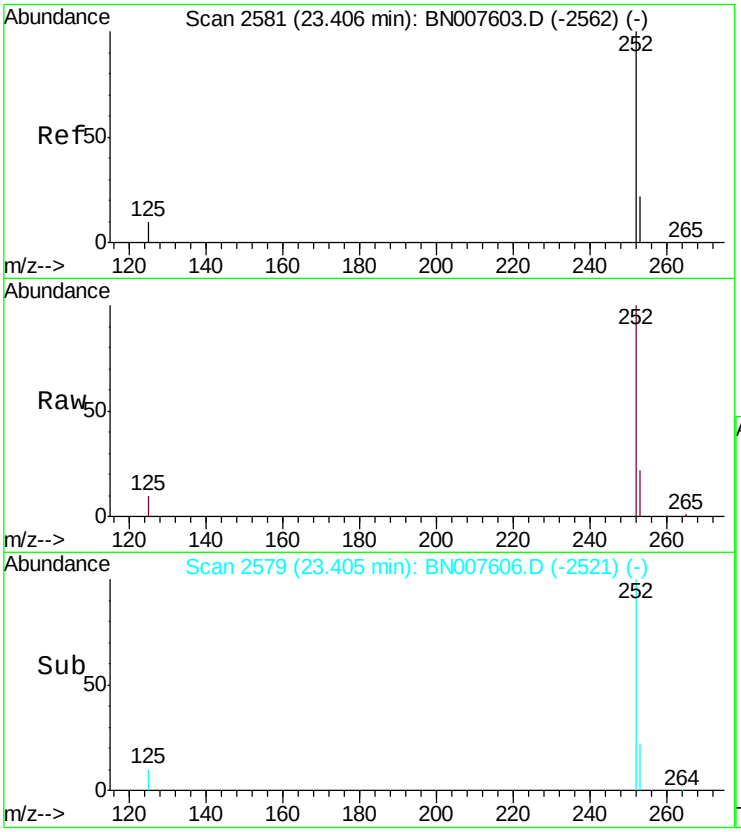


#36
Benzo(k)fluoranthene
Concen: 3.526 ng
RT: 22.88 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:252 Resp: 422274

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.3	27.5
125	9.1	8.9	13.3



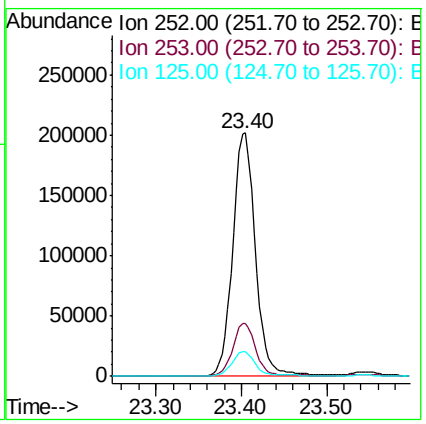


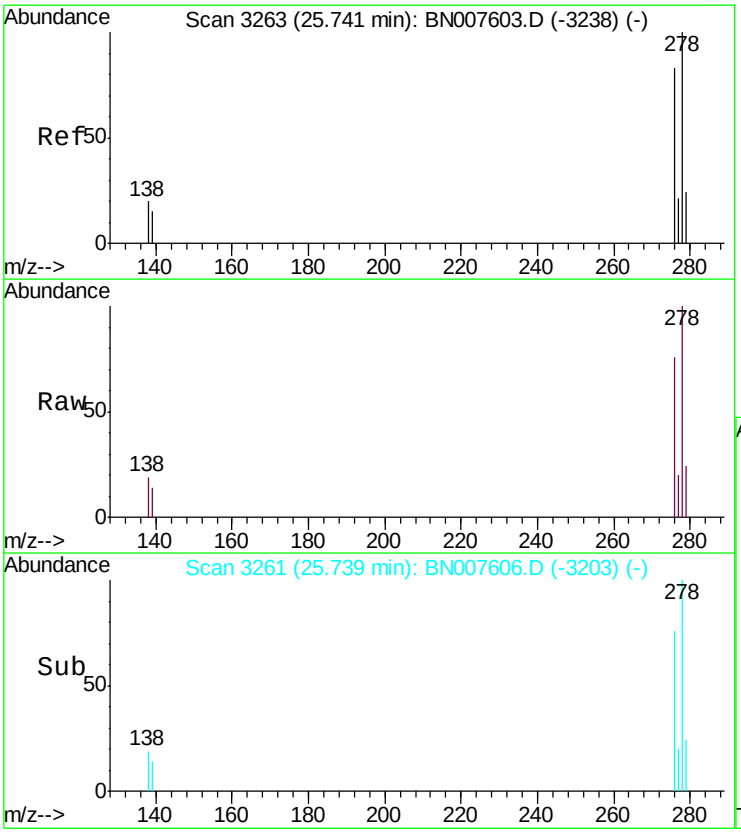
#37
Benzo(a)pyrene
Concen: 3.440 ng
RT: 23.40 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 370713

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	10.0	8.9	13.3

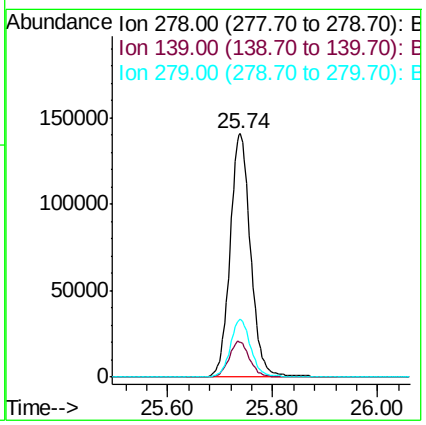


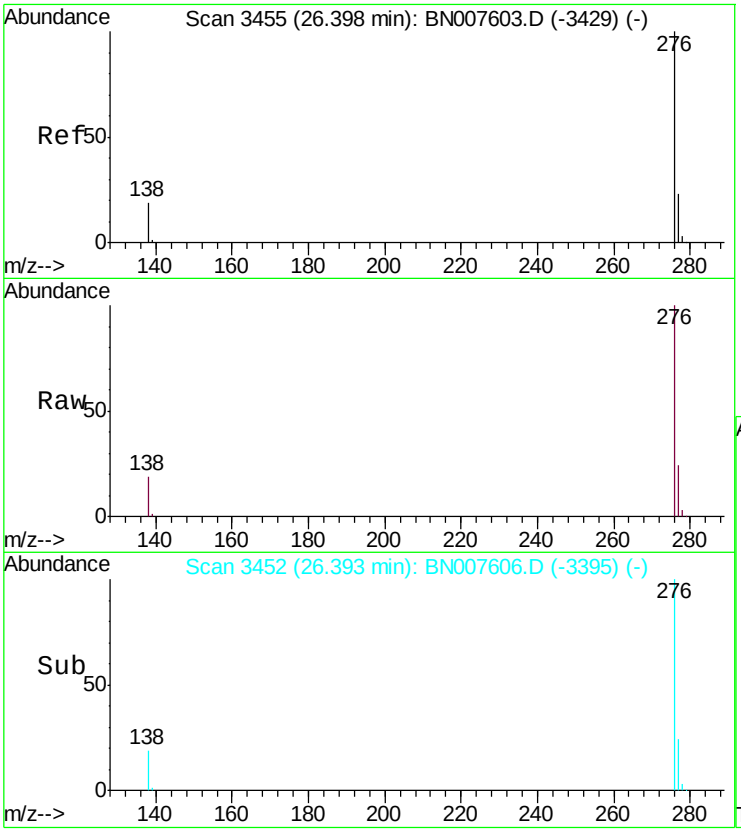


#38
Dibenzo(a,h)anthracene
Concen: 3.524 ng
RT: 25.74 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Tgt Ion:278 Resp: 381338

Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.6	18.8
279	23.7	19.6	29.4





#39
Benzo(g,h,i)perylene
Concen: 3.434 ng
RT: 26.39 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BN007606.D
Acq: 12 Sep 2019 13:24

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 376336

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	19.4	15.8	23.6