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

Quantitation Report (Not Reviewed)

Data File : BN007923.D
Acq On : 01 Oct 2019 08:10
Operator : JU
Sample : K5078-19MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-SW134-092519MS

Quant Time: Oct 01 09:05:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	7649	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	28147	0.40	ng		-0.01
13) Acenaphthene-d10	14.32	164	14740	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	27993	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	33865	0.40	ng		0.00
34) Perylene-d12	23.48	264	38616	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	6727	0.26	ng		0.00
5) Phenol-d6	6.87	99	8670	0.26	ng		0.00
8) Nitrobenzene-d5	8.83	82	7551	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	13688	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	1967	0.25	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	17472	0.29	ng		0.00
25) Fluoranthene-d10	19.10	212	26881	0.28	ng		0.00
29) Terphenyl-d14	19.70	244	22676	0.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	2005	0.235	ng	#	72
3) n-Nitrosodimethylamine	3.01	42	9988	2.558	ng	#	78
6) bis(2-Chloroethyl)ether	7.13	93	6828	0.315	ng	#	90
9) Naphthalene	10.51	128	22751	0.288	ng		99
10) Hexachlorobutadiene	10.81	225	4647	0.279	ng	#	100
12) 2-Methylnaphthalene	12.13	142	14629	0.274	ng		99
16) Acenaphthylene	14.03	152	26611	0.340	ng		100
17) Acenaphthene	14.38	154	15229	0.302	ng		98
18) Fluorene	15.37	166	20235	0.313	ng		96
20) 4-Bromophenyl-phenylether	16.26	248	4972	0.293	ng	#	86
21) Hexachlorobenzene	16.38	284	5115	0.275	ng		98
22) Pentachlorophenol	16.73	266	2992	0.437	ng		98
23) Phenanthrene	17.10	178	99224	1.138	ng		100
24) Anthracene	17.19	178	32916	0.418	ng		99
26) Fluoranthene	19.13	202	188405	1.738	ng		100
28) Pyrene	19.49	202	159776	1.383	ng		96
30) Benzo(a)anthracene	21.24	228	96897	0.777	ng		98
31) Chrysene	21.29	228	104001	0.856	ng		98
32) Bis(2-ethylhexyl)phthalate	21.19	149	45812	0.714	ng		100
33) Indeno(1,2,3-cd)pyrene	25.69	276	89586	0.589	ng		97
35) Benzo(b)fluoranthene	22.82	252	127800	0.953	ng		97
36) Benzo(k)fluoranthene	22.82	252	127800	0.964	ng		98
37) Benzo(a)pyrene	23.38	252	99079	0.786	ng		96
38) Dibenzo(a,h)anthracene	25.70	278	45447	0.353	ng	#	90
39) Benzo(g,h,i)perylene	26.36	276	82184	0.644	ng		97

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

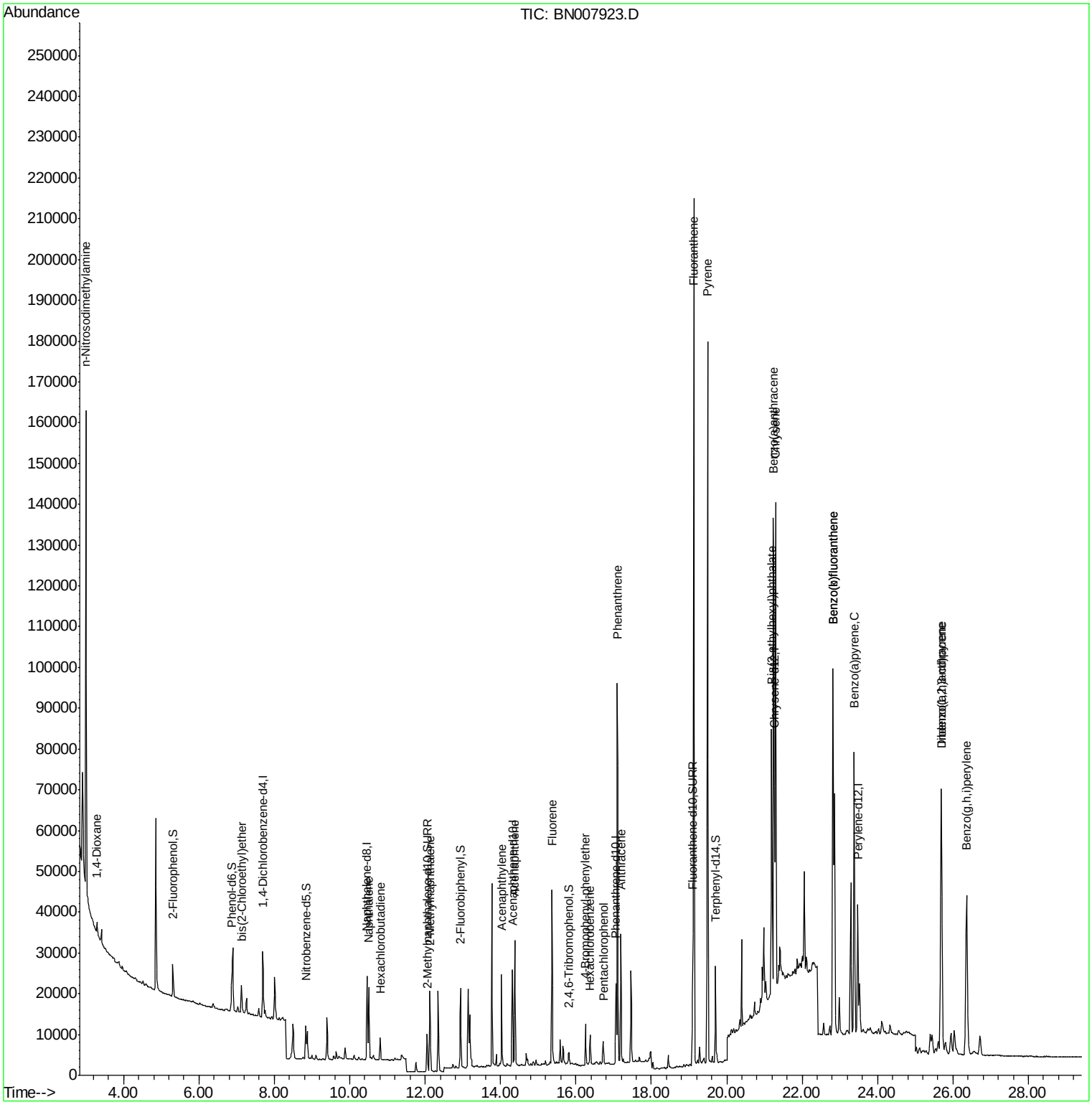
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

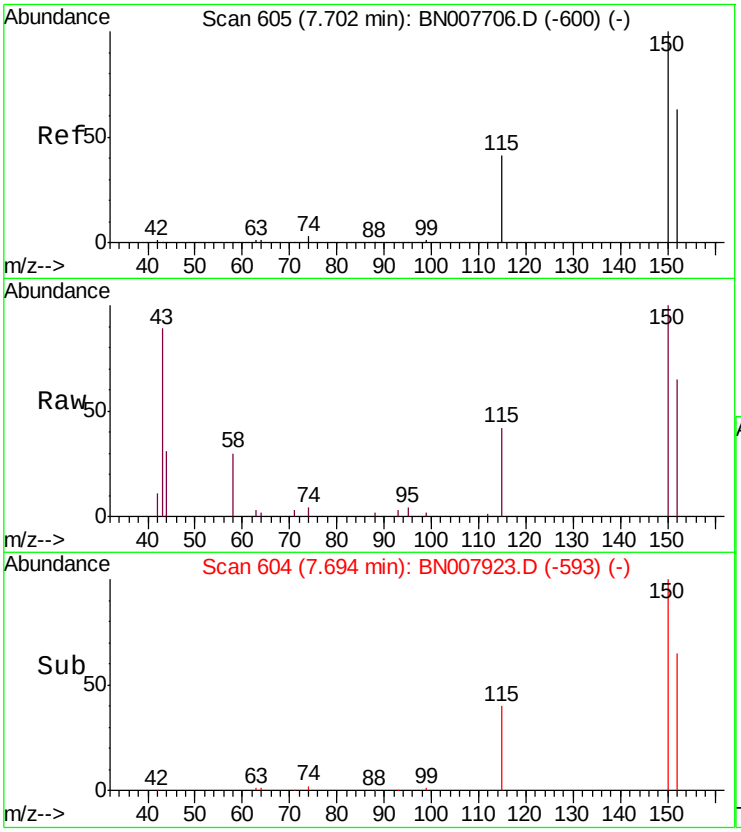
Quantitation Report (Not Reviewed)

Data File : BN007923.D
Acq On : 01 Oct 2019 08:10
Operator : JU
Sample : K5078-19MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Quant Time: Oct 01 09:05:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



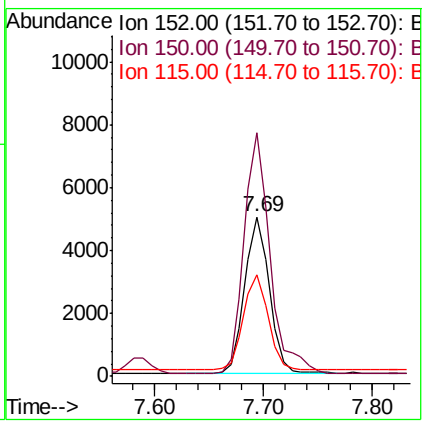


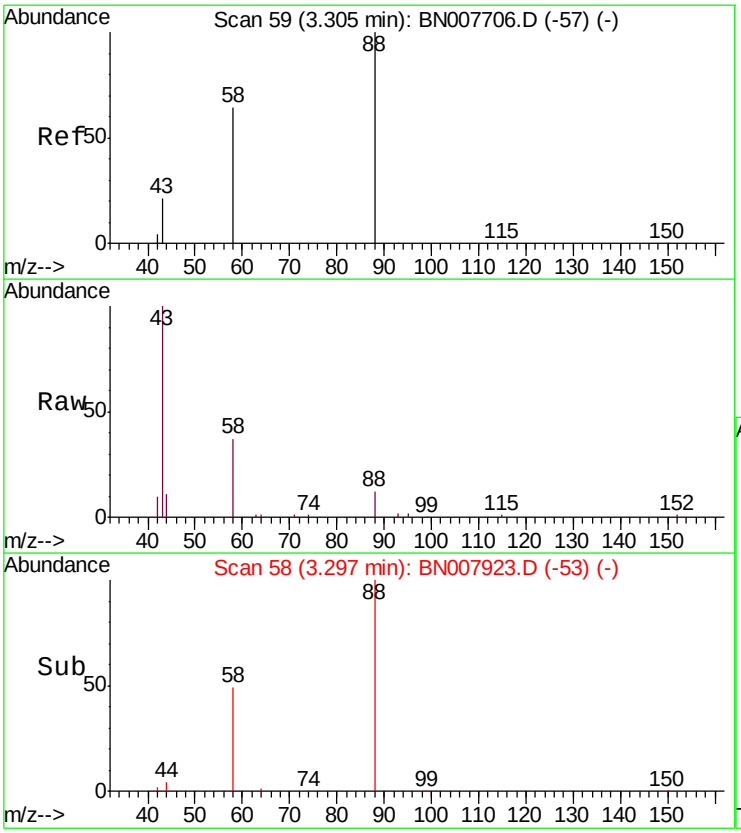
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:152 Resp: 7649

Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.6	188.4
115	63.8	53.3	79.9

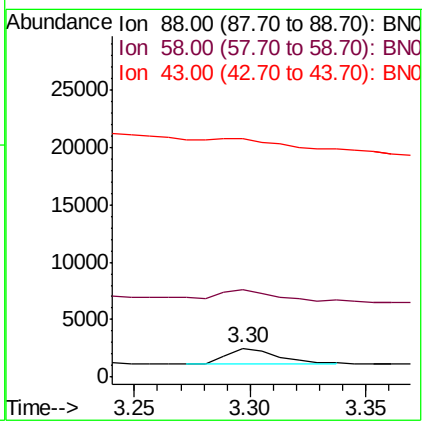


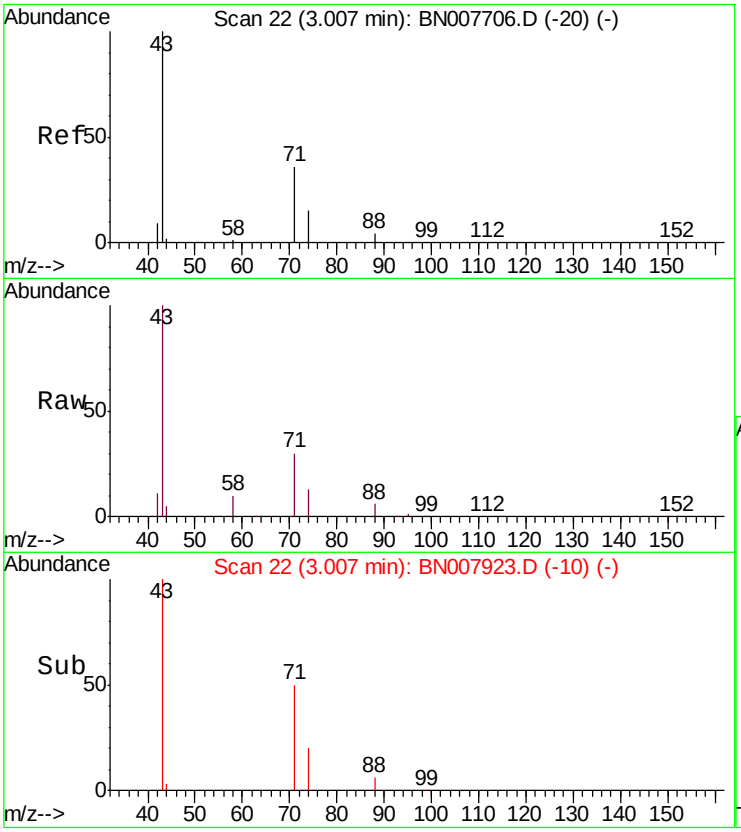


#2
1,4-Dioxane
Concen: 0.235 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion: 88 Resp: 2005

Ion	Ratio	Lower	Upper
88	100		
58	73.0	44.6	66.8#
43	0.0	14.4	21.6#



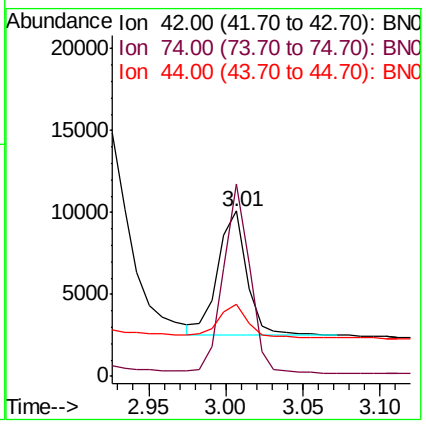


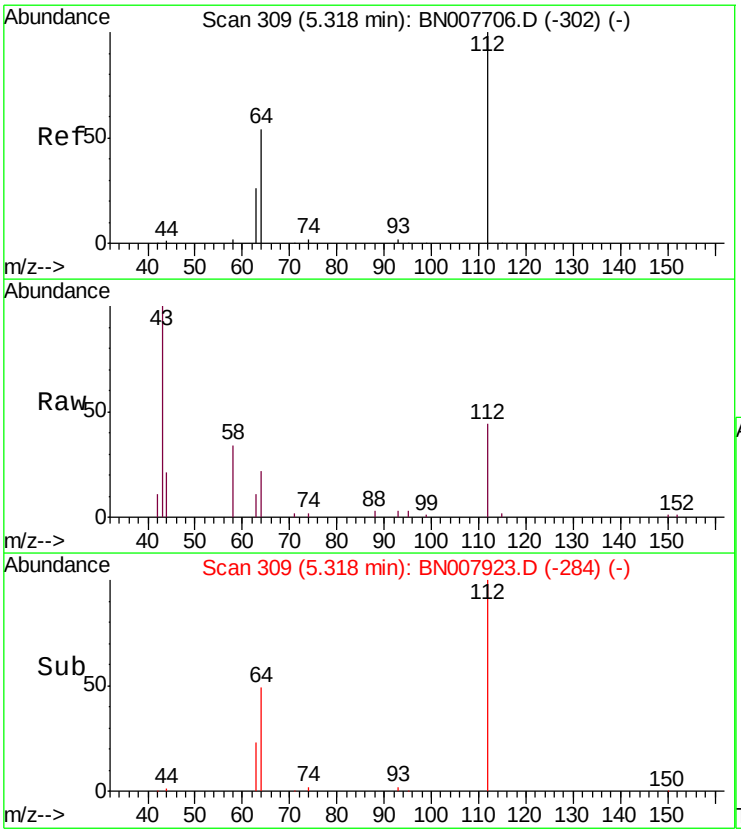
#3
n-Nitrosodimethylamine
Concen: 2.558 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion: 42 Resp: 9988

Ion	Ratio	Lower	Upper
42	100		
74	136.6	87.9	131.9#
44	28.3	29.4	44.0#

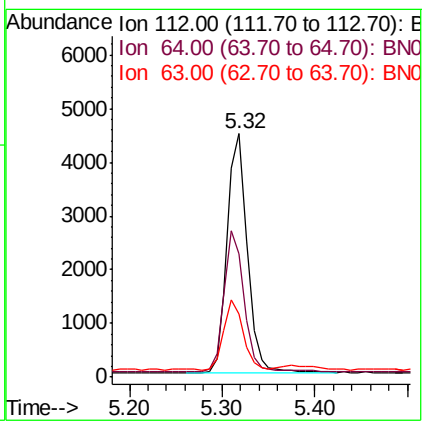


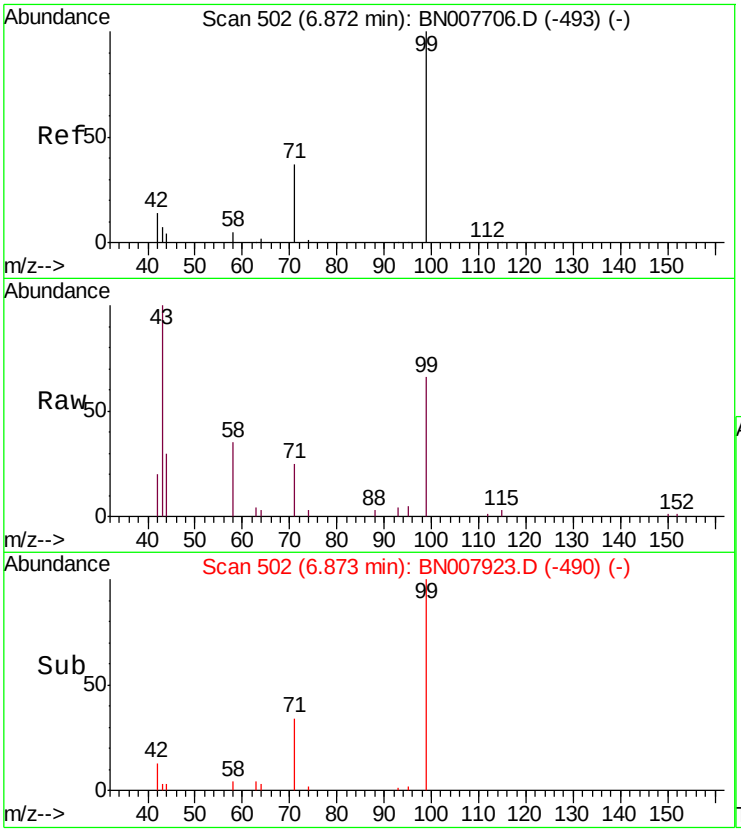


#4
2-Fluorophenol
Concen: 0.256 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:112 Resp: 6727

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.6	70.0
63	28.3	23.1	34.7



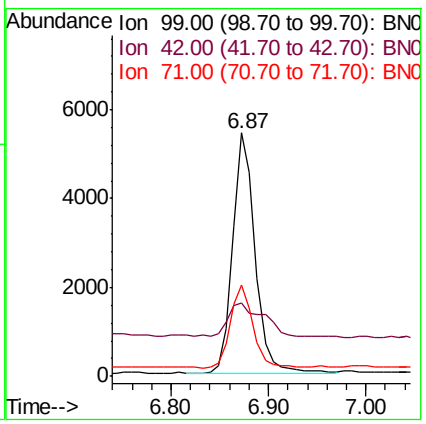


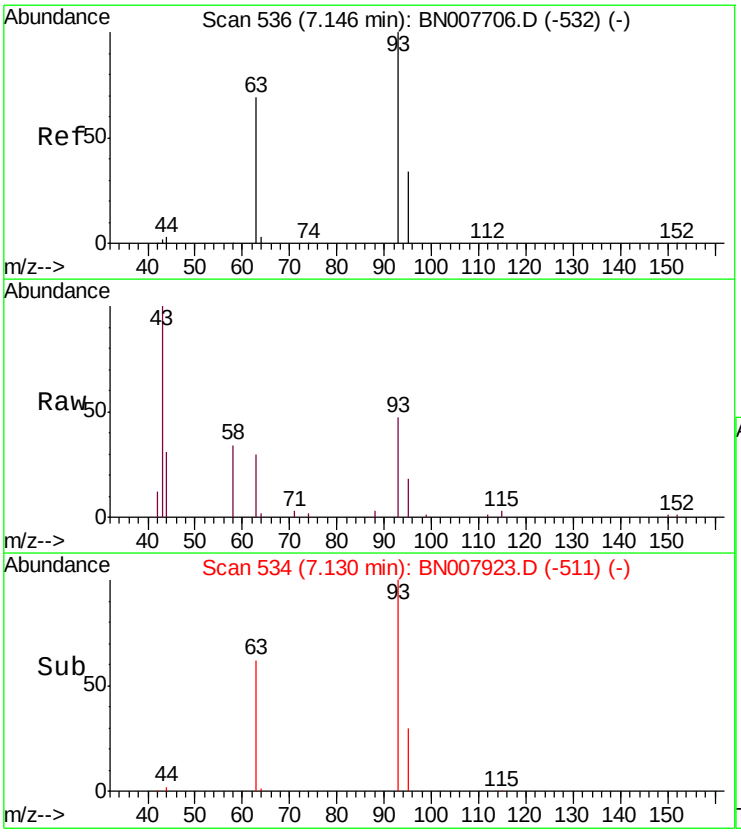
#5
Phenol-d6
Concen: 0.262 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion: 99 Resp: 8670

Ion	Ratio	Lower	Upper
99	100		
42	21.8	12.8	19.2#
71	35.1	27.6	41.4

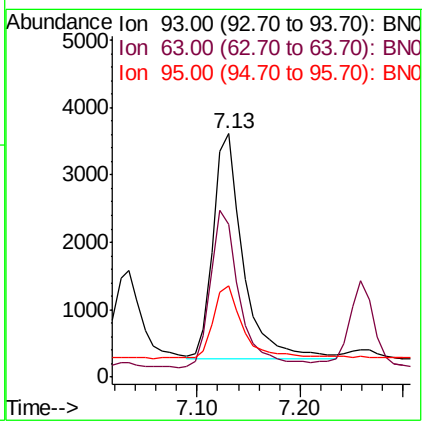


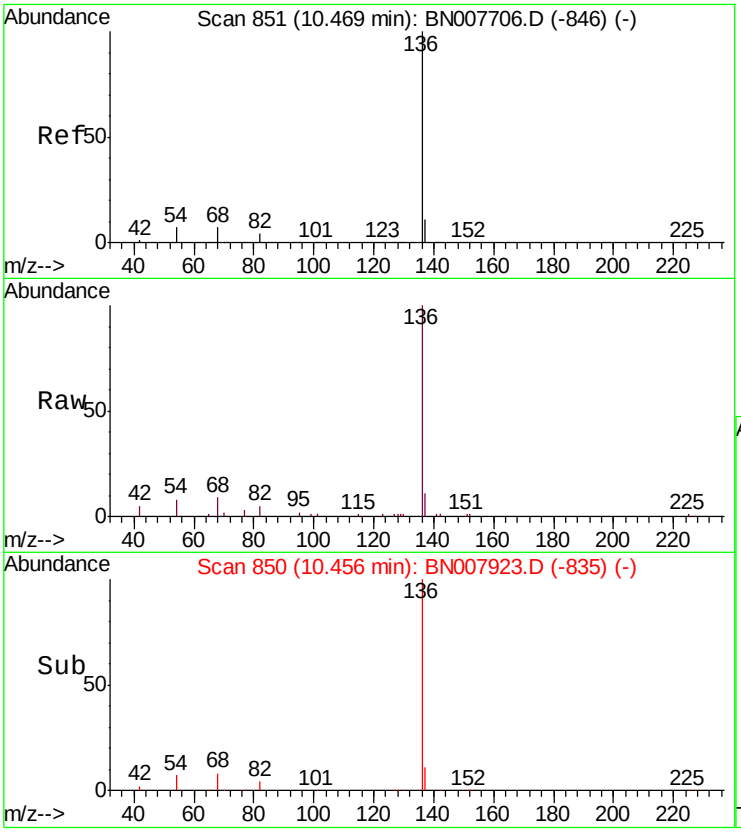


#6
bis(2-Chloroethyl)ether
Concen: 0.315 ng
RT: 7.13 min Scan# 534
Delta R.T. -0.02 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion: 93 Resp: 6828

Ion	Ratio	Lower	Upper
93	100		
63	67.6	59.3	88.9
95	31.2	31.4	47.0#



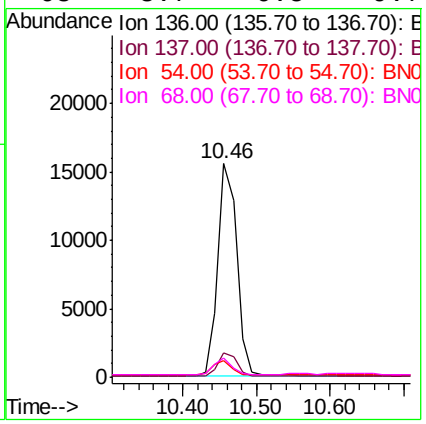


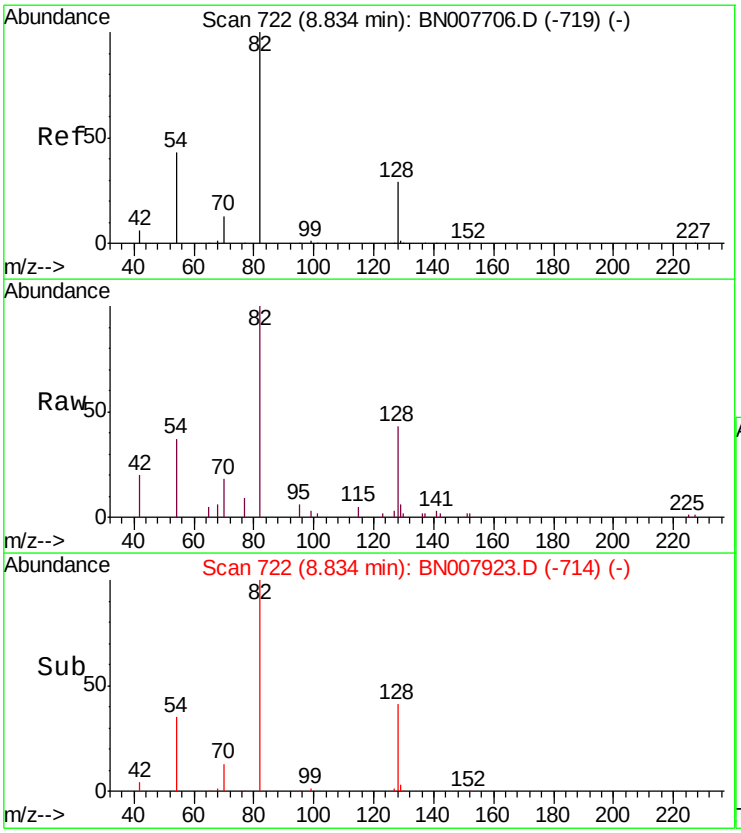
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:136 Resp: 28147

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.0	5.8	8.8
68	8.7	6.5	9.7

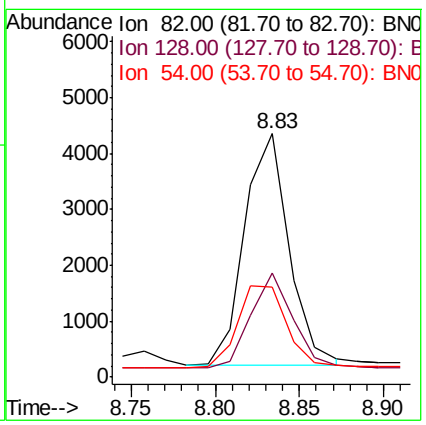


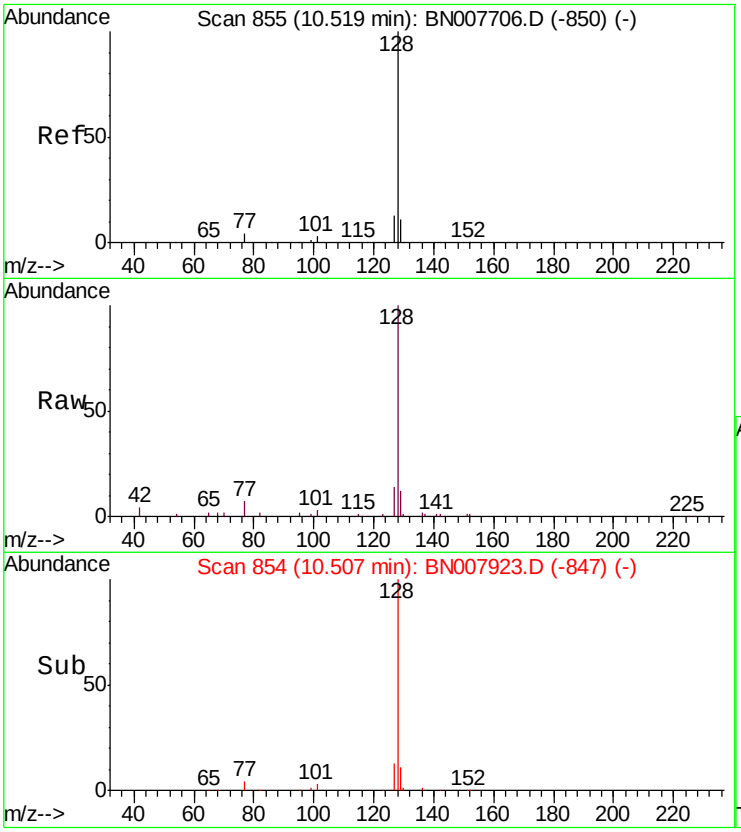


#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion: 82 Resp: 7551

Ion	Ratio	Lower	Upper
82	100		
128	42.8	24.5	36.7#
54	36.8	35.2	52.8



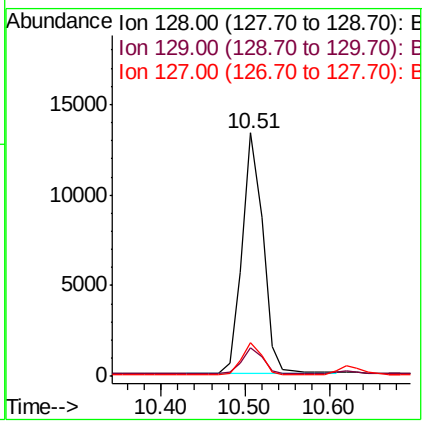


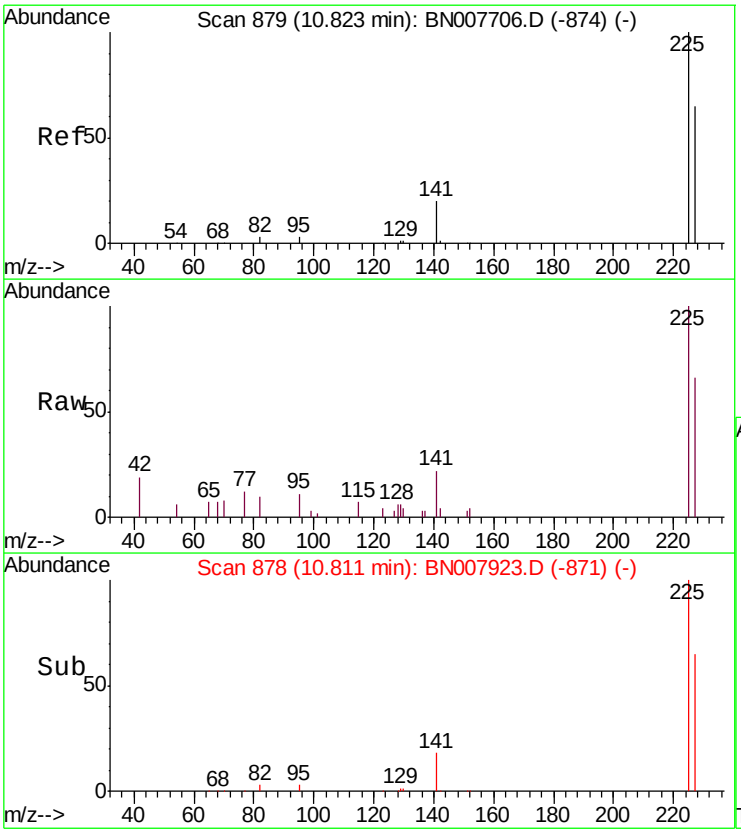
#9
Naphthalene
Concen: 0.288 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:128 Resp: 22751

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.8	10.6	15.8

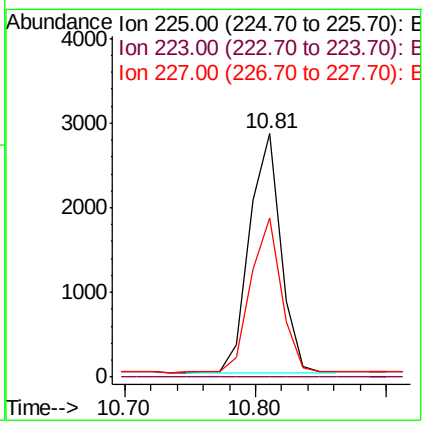


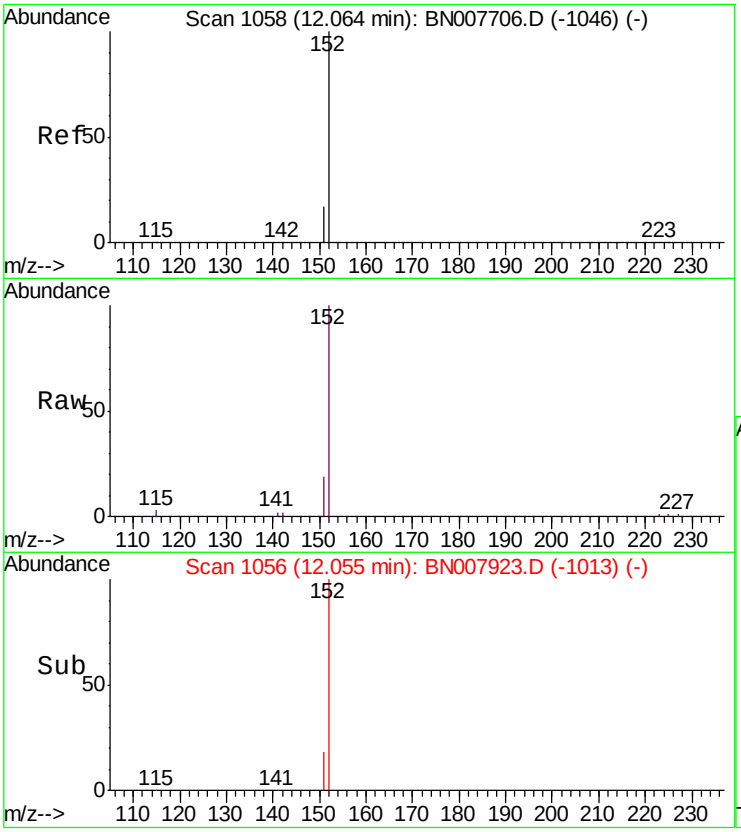


#10
Hexachlorobutadiene
Concen: 0.279 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:225 Resp: 4647

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.2	76.8



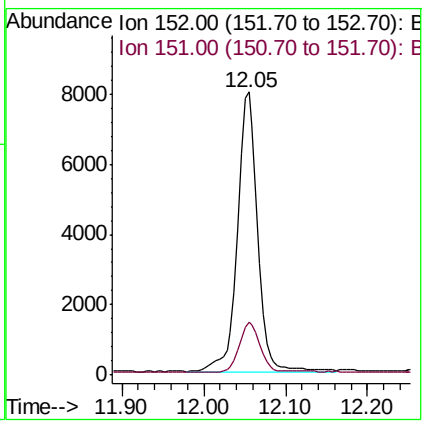


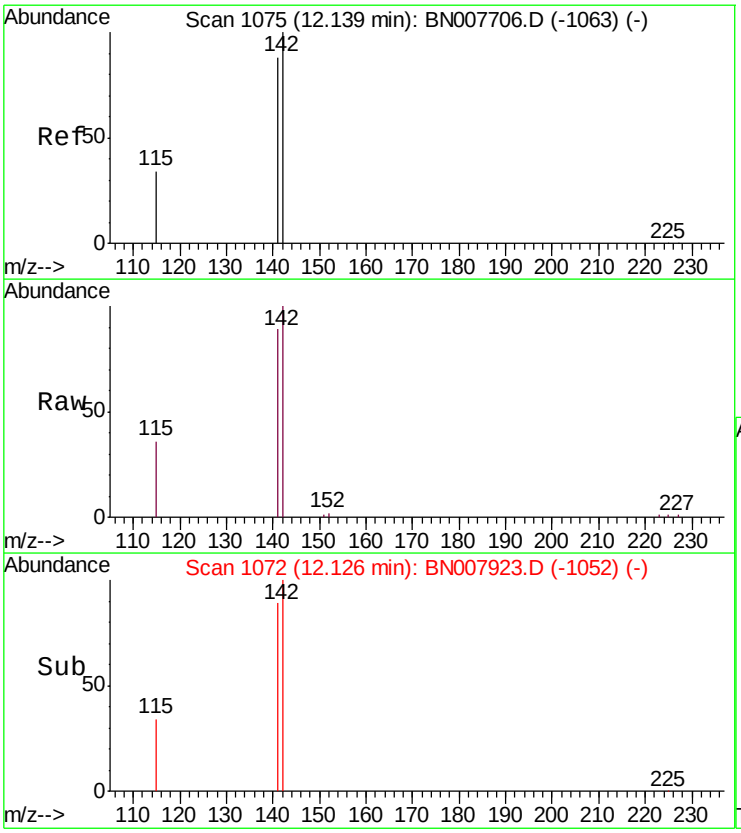
#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:152 Resp: 13688

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.2

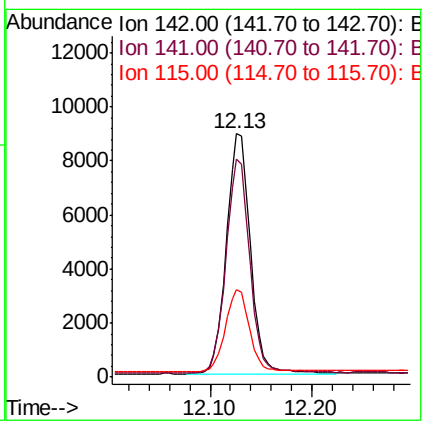


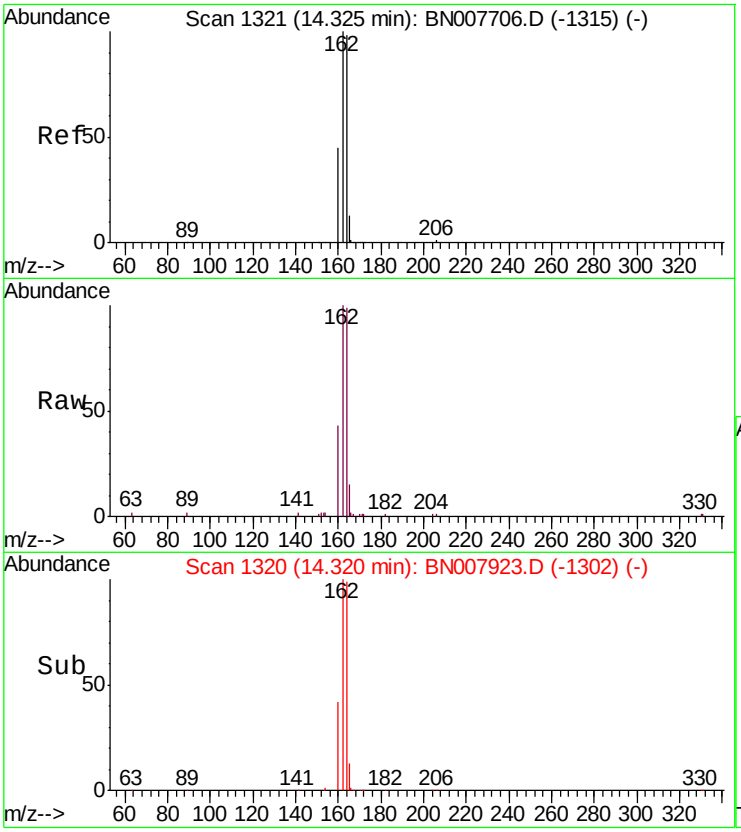


#12
2-Methylnaphthalene
Concen: 0.274 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:142 Resp: 14629

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.6	106.0
115	36.1	28.3	42.5



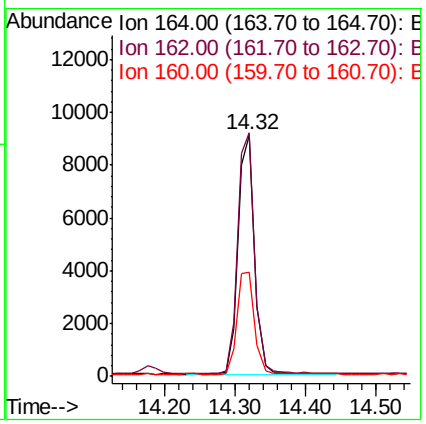


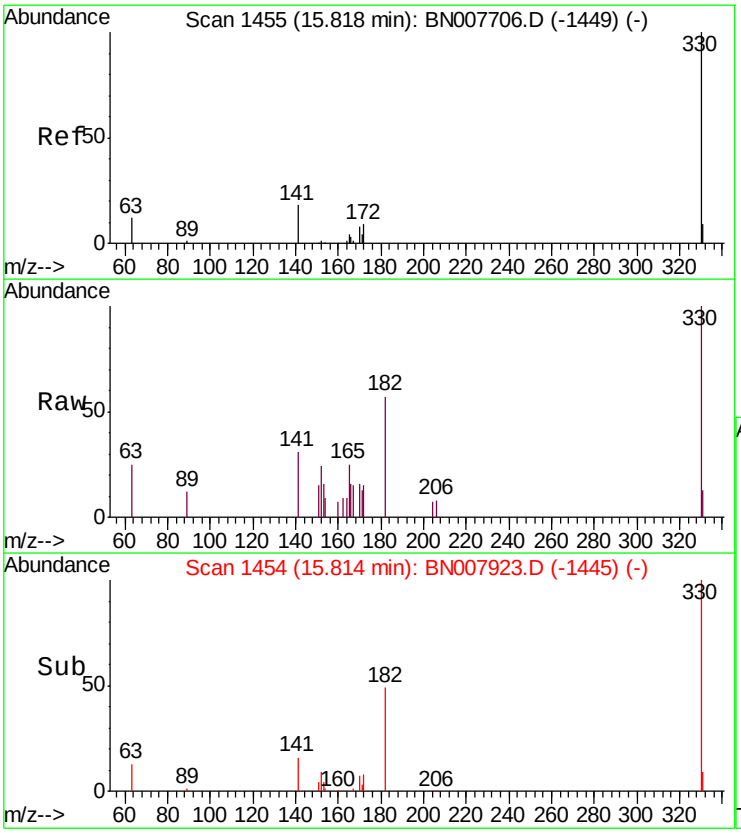
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:164 Resp: 14740

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.7	122.5
160	43.3	37.0	55.4

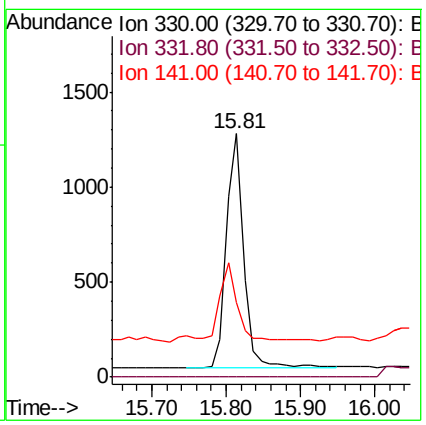


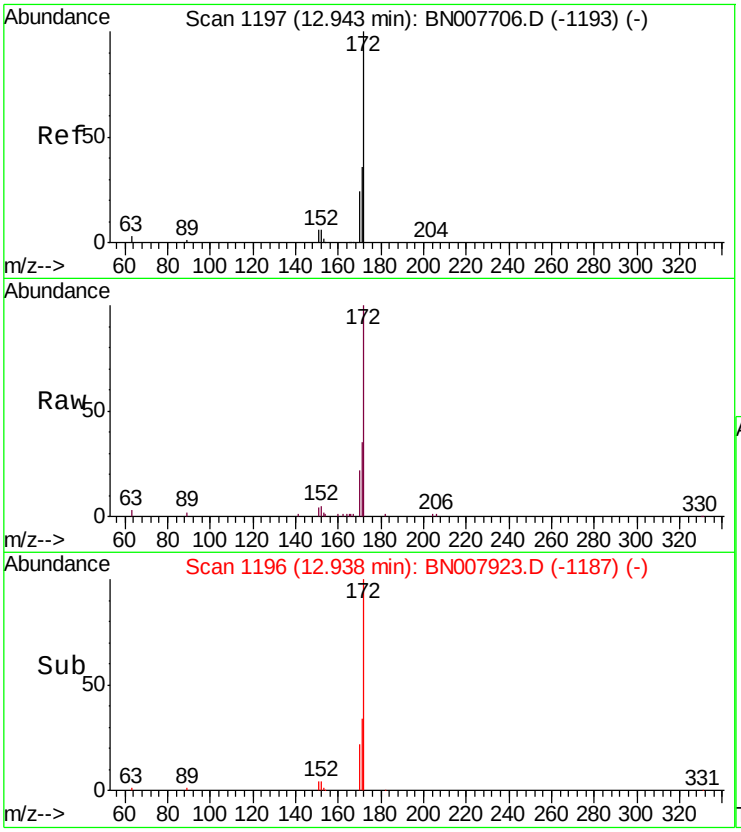


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:330 Resp: 1967

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.4	28.7	43.1



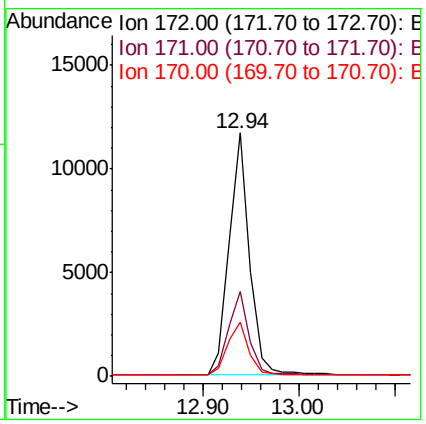


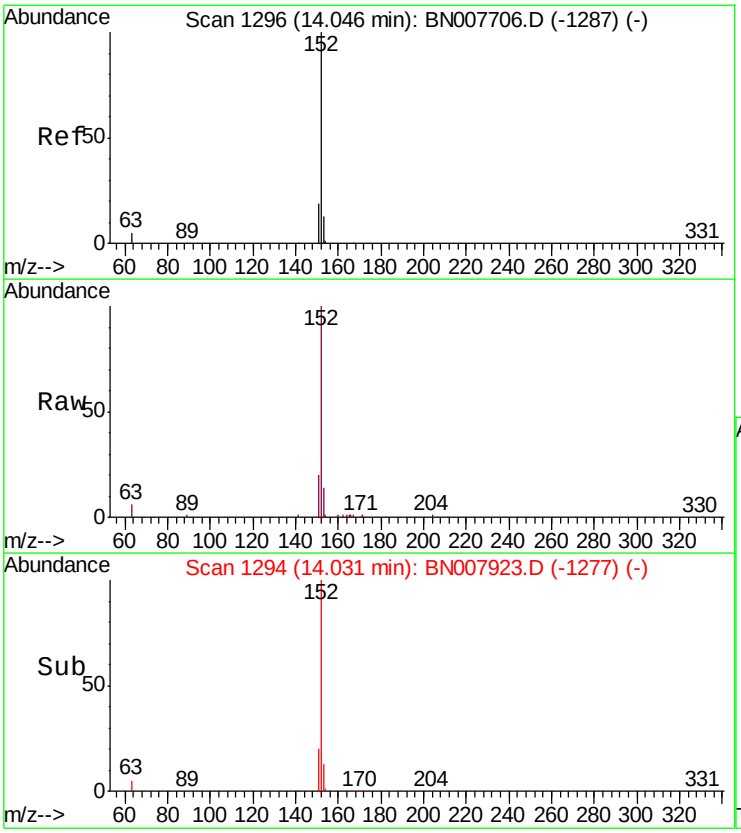
#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 12.94 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:172 Resp: 17472

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.8	43.2
170	22.4	19.5	29.3

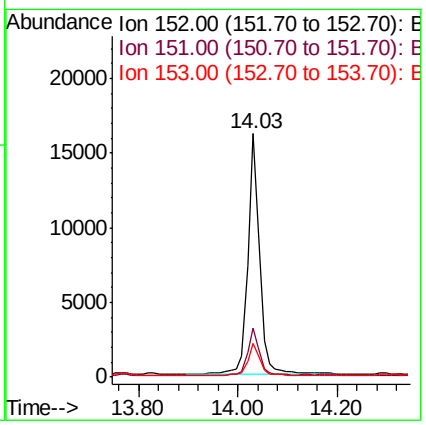


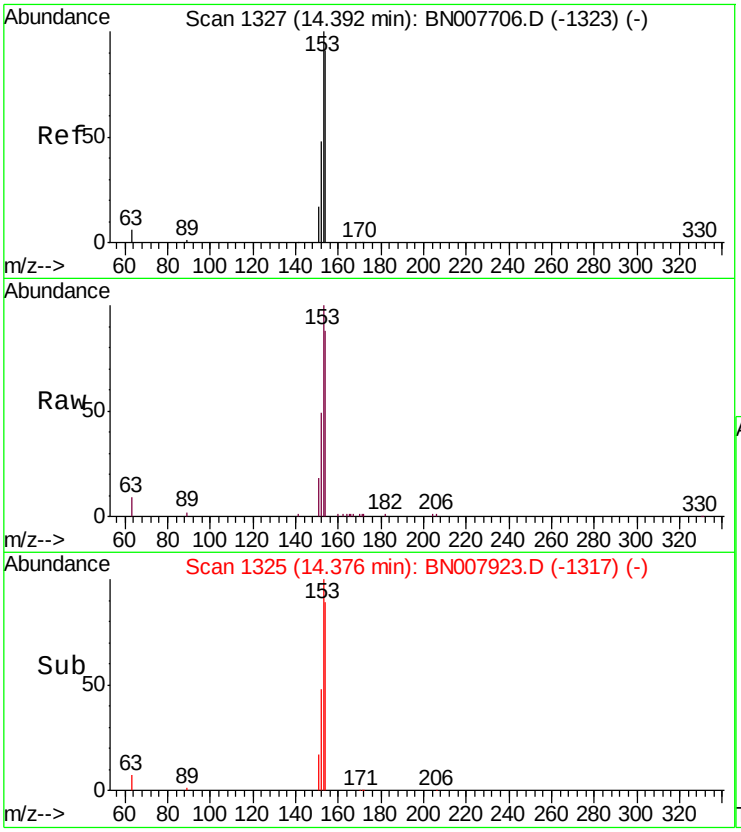


#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:152 Resp: 26611

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	12.9	10.4	15.6



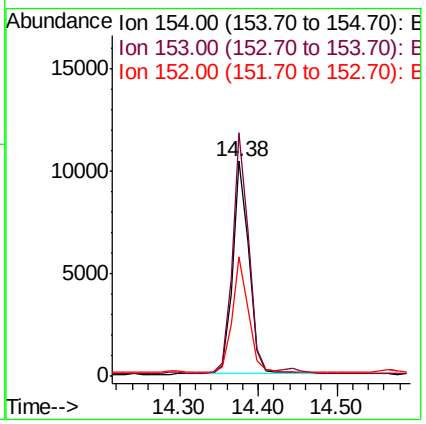


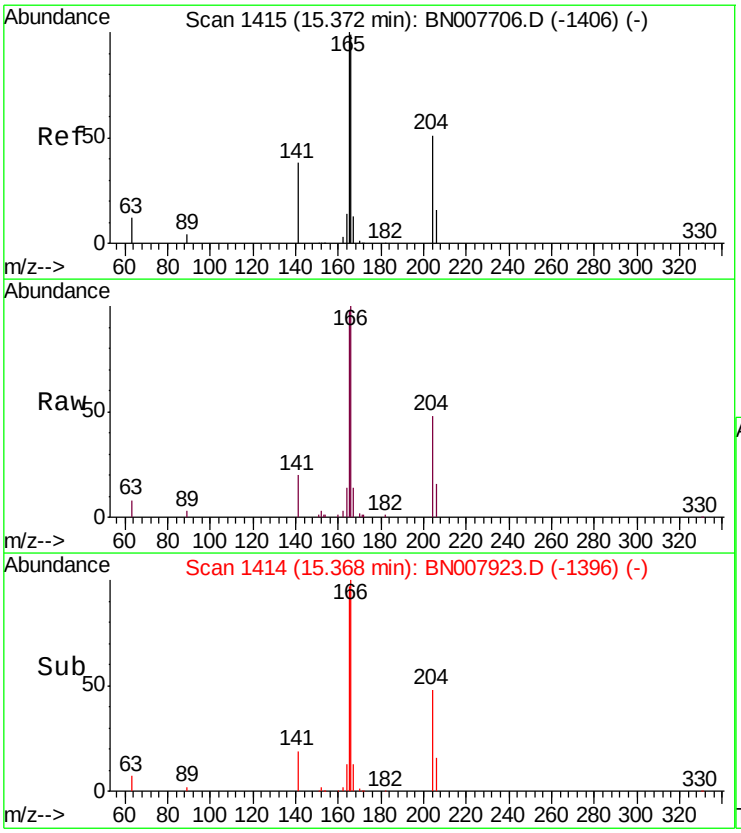
#17
Acenaphthene
Concen: 0.302 ng
RT: 14.38 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:154 Resp: 15229

Ion	Ratio	Lower	Upper
154	100		
153	111.1	87.0	130.4
152	54.7	42.7	64.1

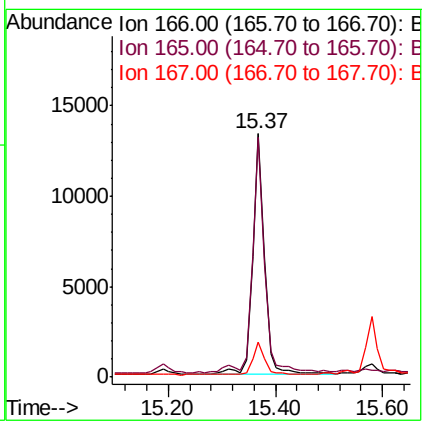


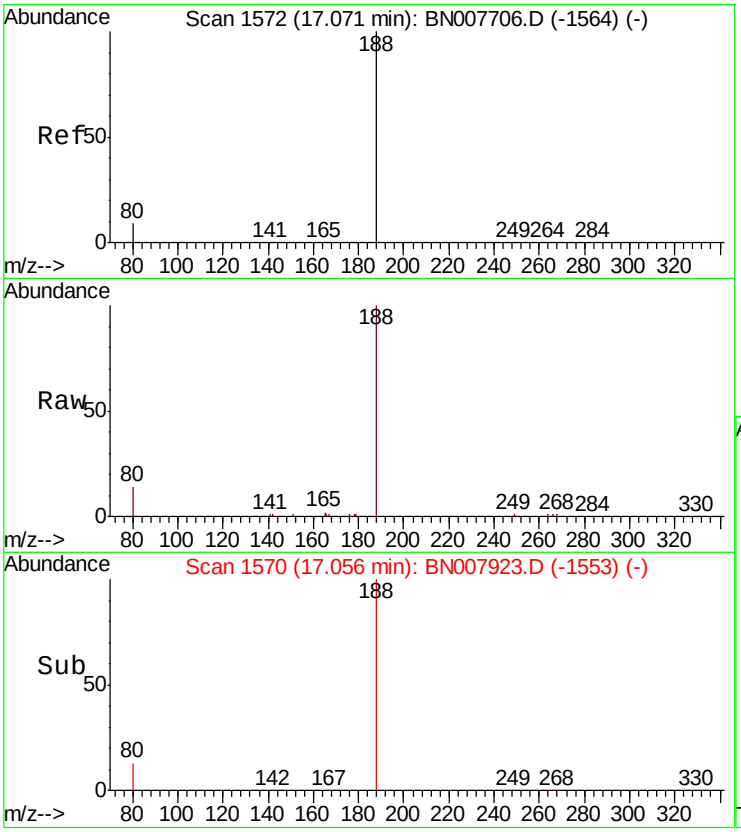


#18
Fluorene
Concen: 0.313 ng
RT: 15.37 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:166 Resp: 20235

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.0	117.0
167	13.2	10.9	16.3



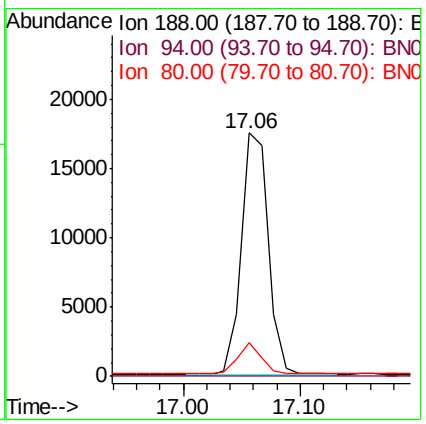


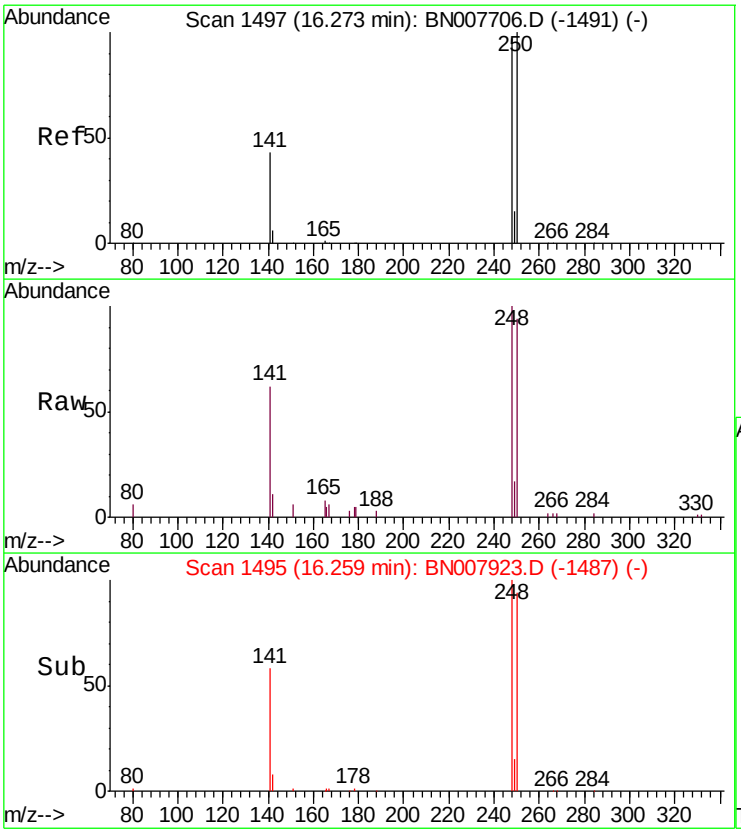
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:188 Resp: 27993

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	7.4	11.2#

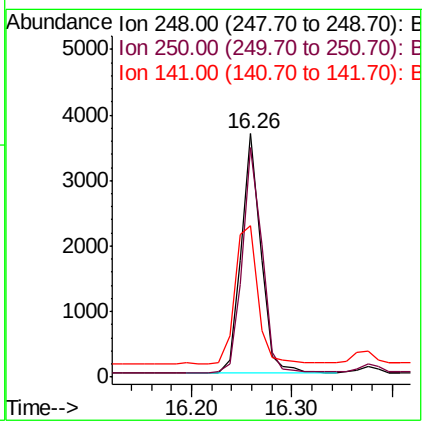


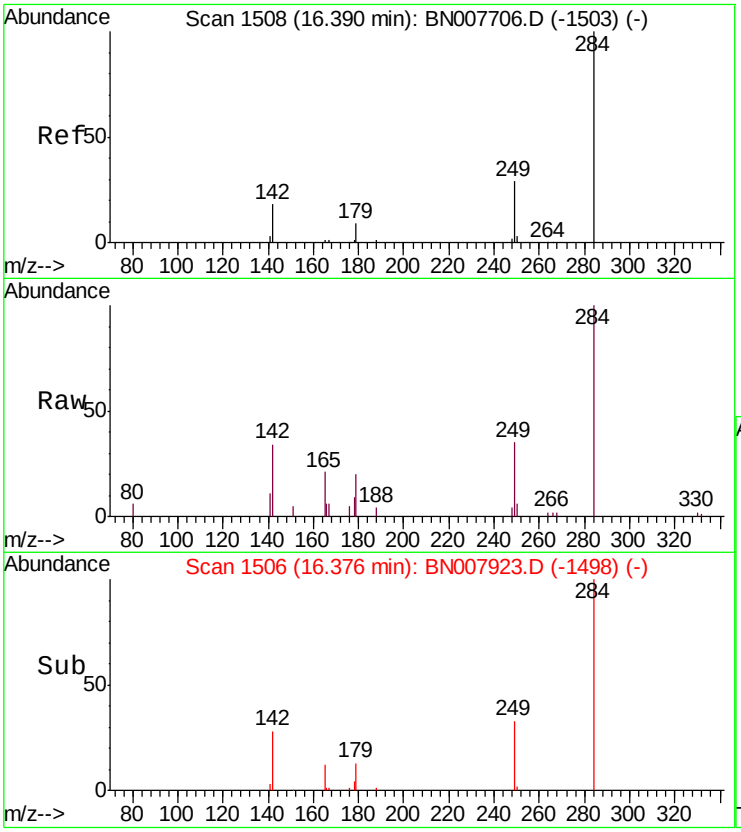


#20
4-Bromophenyl-phenylether
Concen: 0.293 ng
RT: 16.26 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:248 Resp: 4972

Ion	Ratio	Lower	Upper
248	100		
250	94.3	82.2	123.4
141	62.2	36.3	54.5#



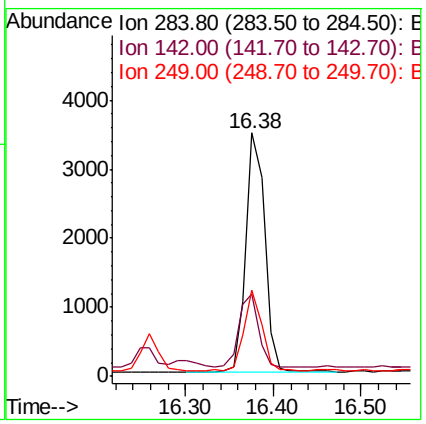


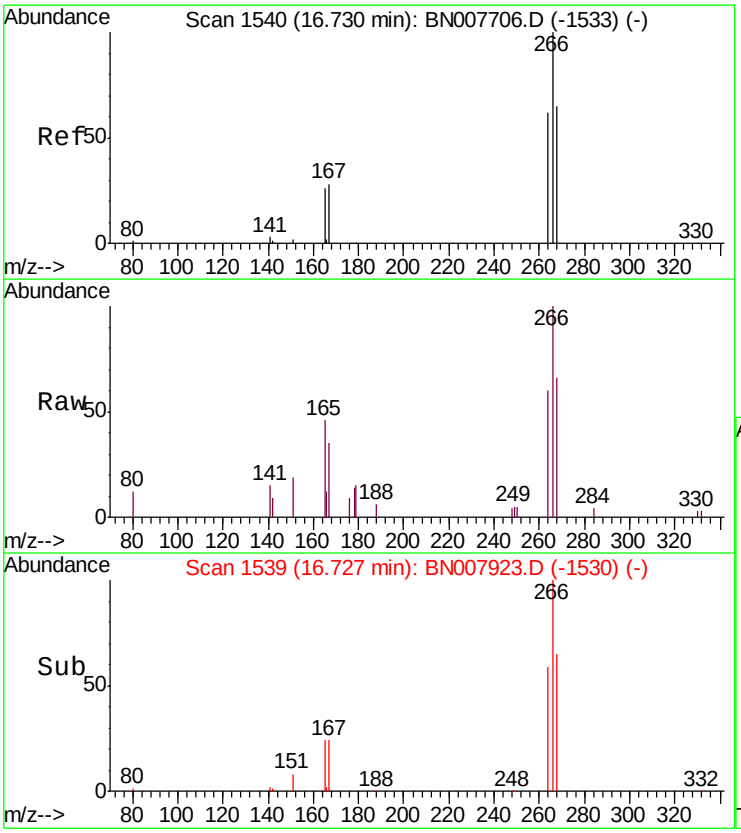
#21
Hexachlorobenzene
Concen: 0.275 ng
RT: 16.38 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:284 Resp: 5115

Ion	Ratio	Lower	Upper
284	100		
142	31.0	25.8	38.6
249	31.3	25.9	38.9

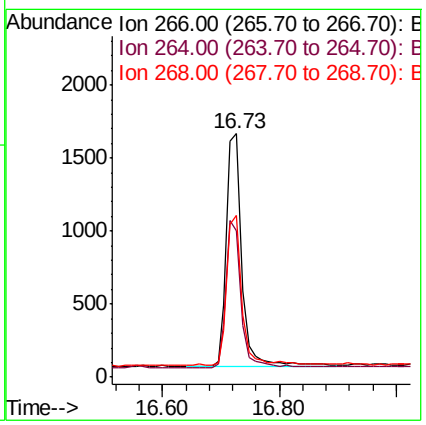


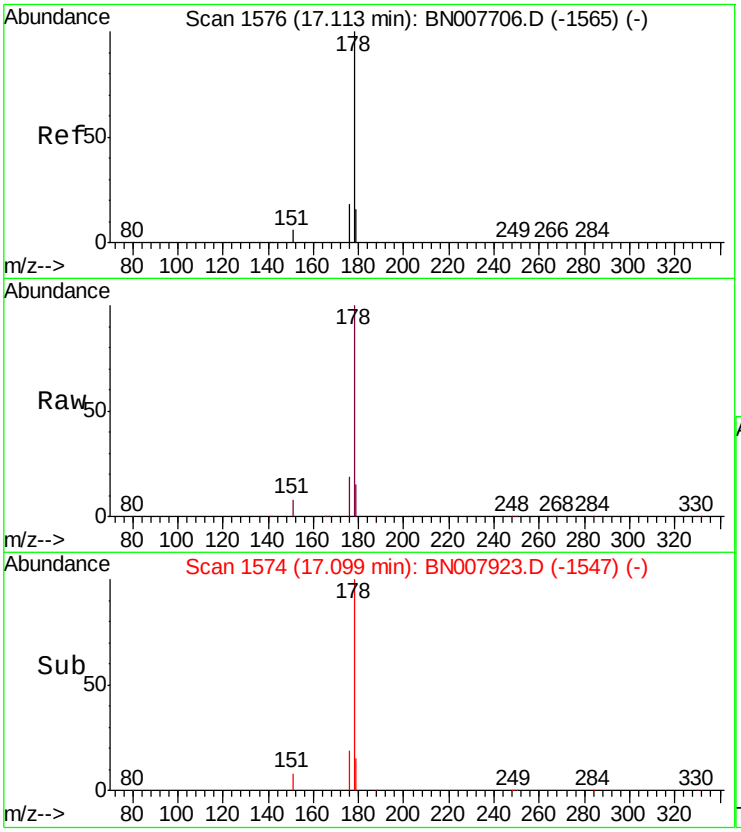


#22
Pentachlorophenol
Concen: 0.437 ng
RT: 16.73 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:266 Resp: 2992

Ion	Ratio	Lower	Upper
266	100		
264	60.2	50.0	75.0
268	66.4	54.2	81.4



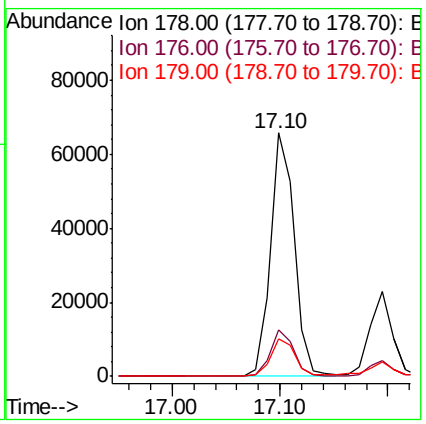


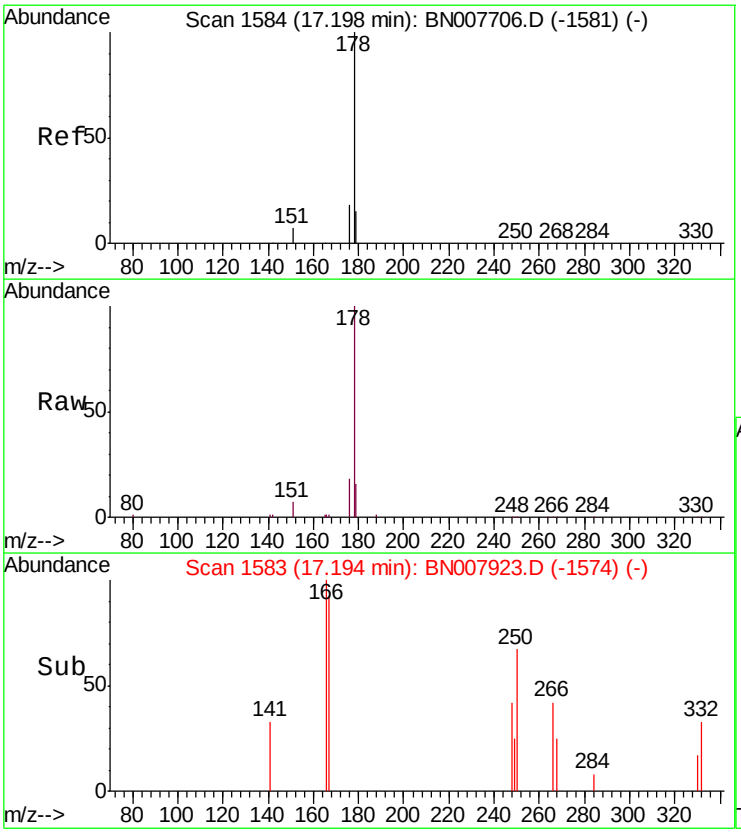
#23
Phenanthrene
Concen: 1.138 ng
RT: 17.10 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:178 Resp: 99224

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	12.5	18.7

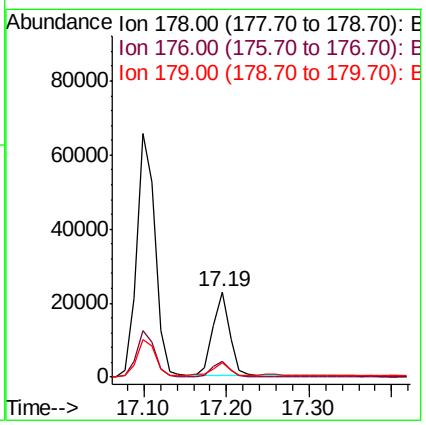


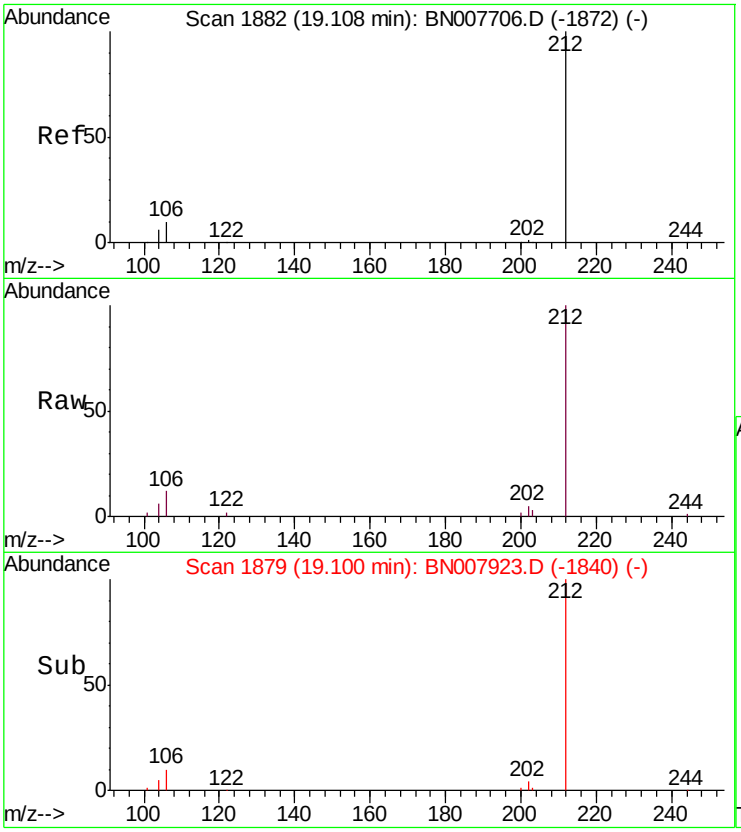


#24
Anthracene
Concen: 0.418 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:178 Resp: 32916

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	21.8
179	15.9	12.2	18.4



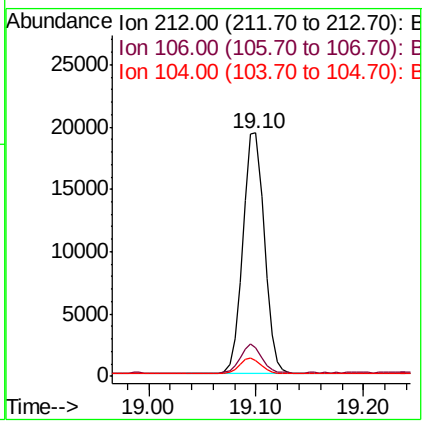


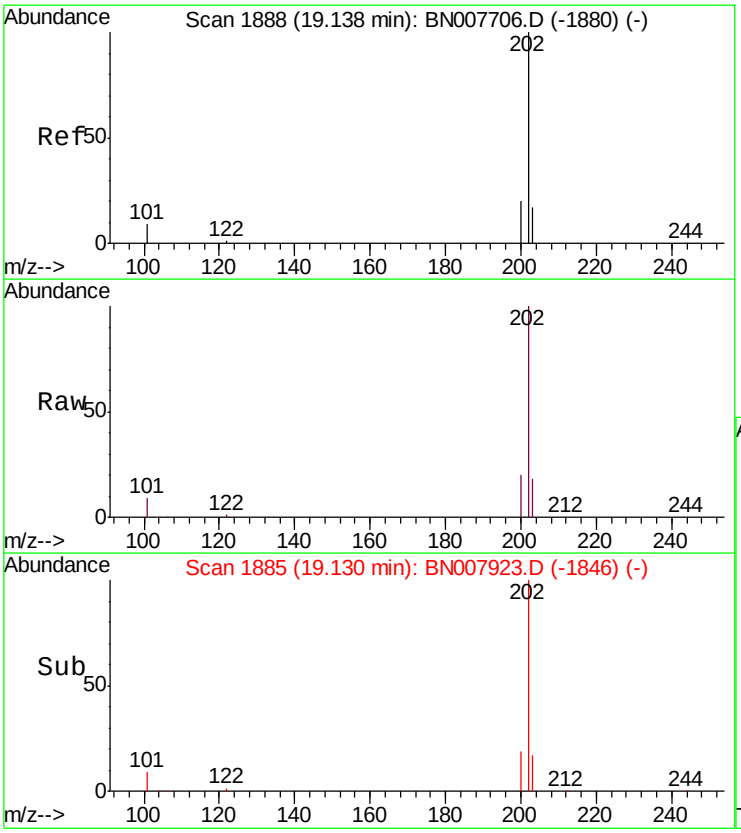
#25
Fluoranthene-d10
Concen: 0.285 ng
RT: 19.10 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:212 Resp: 26881

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.4	14.0
104	6.7	5.3	7.9

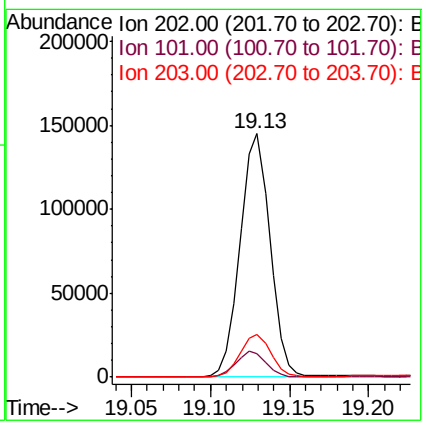


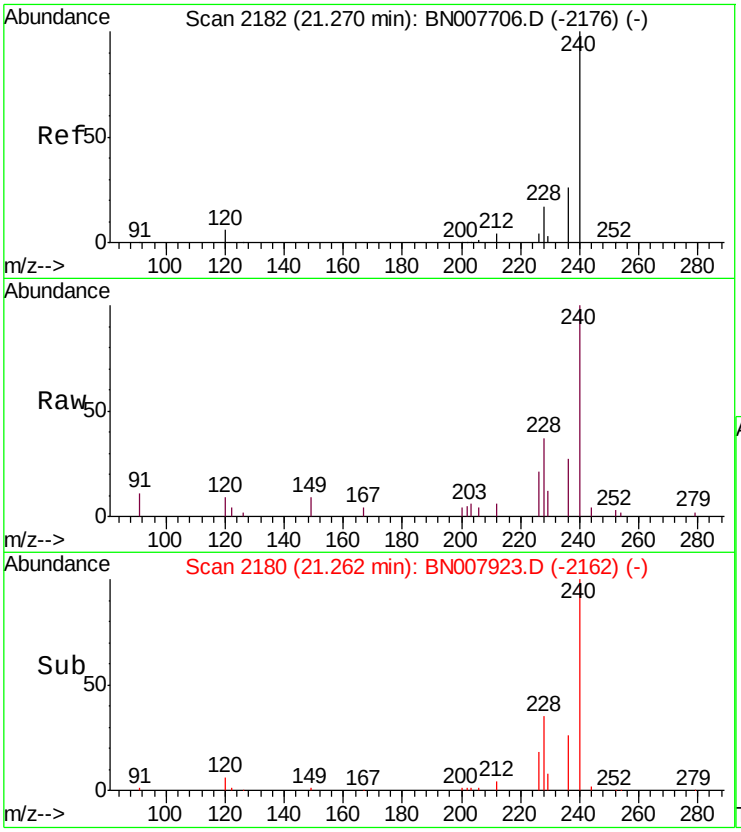


#26
Fluoranthene
Concen: 1.738 ng
RT: 19.13 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:202 Resp: 188405

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.4	12.6
203	17.4	13.8	20.8



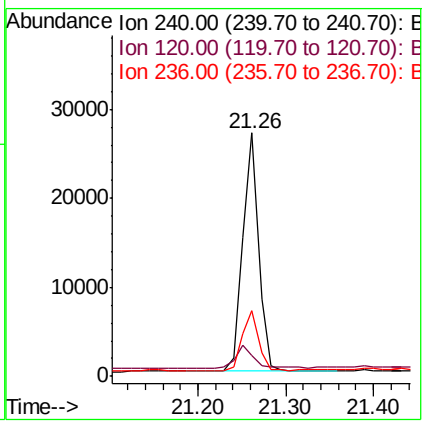


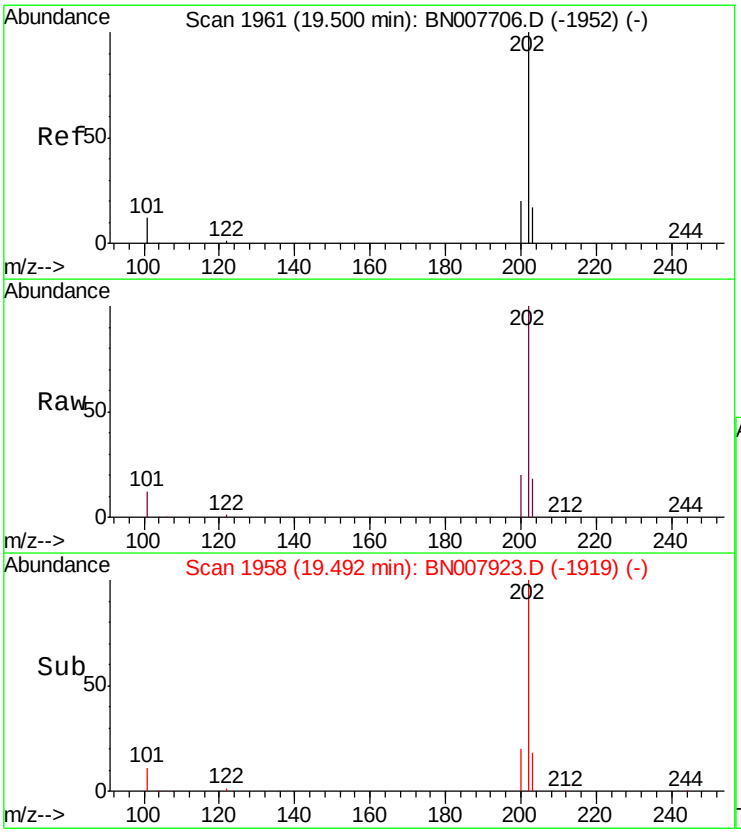
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:240 Resp: 33865

Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.4	8.2#
236	27.2	21.0	31.4

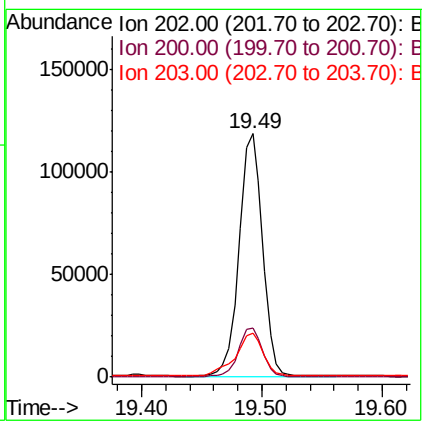


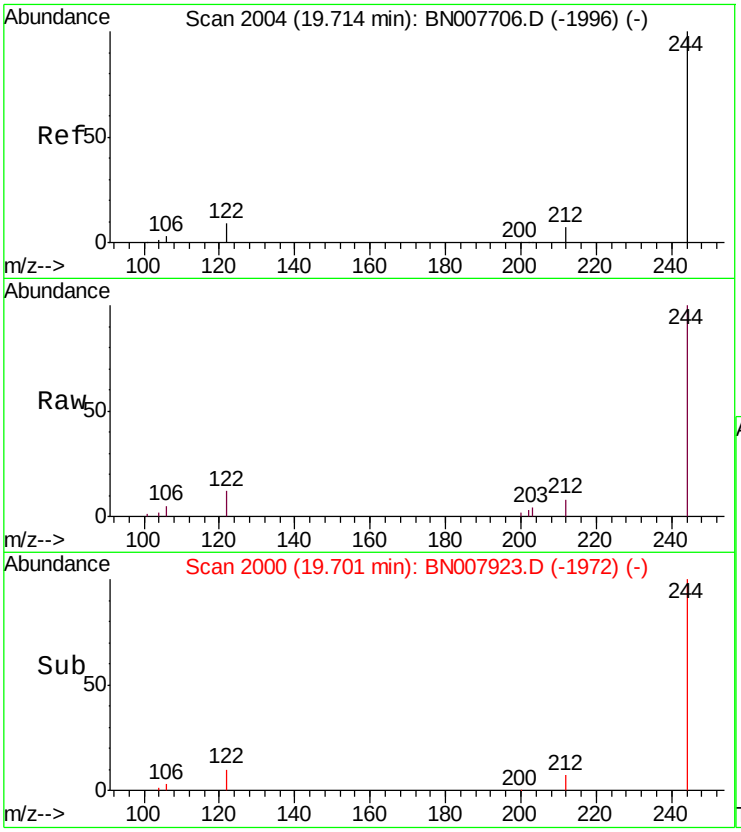


#28
Pyrene
Concen: 1.383 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:202 Resp: 159776

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	20.9	14.1	21.1



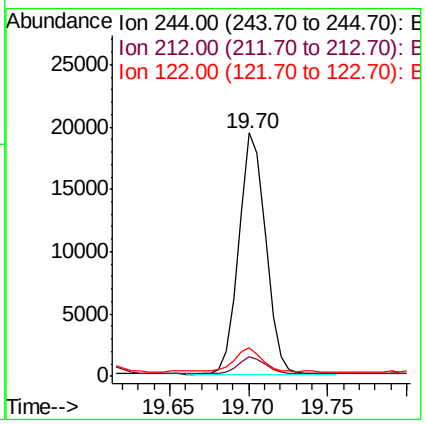


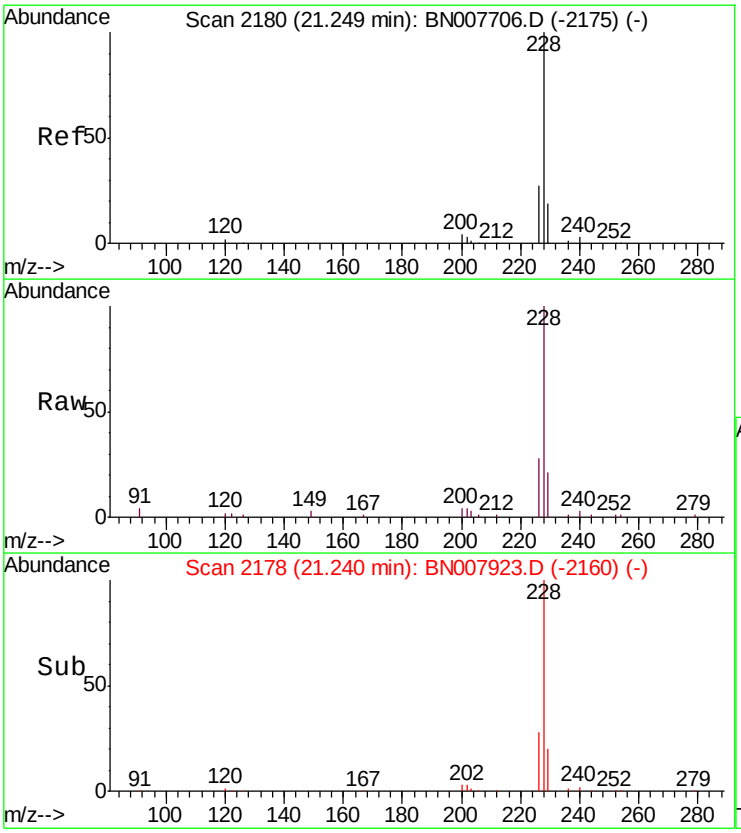
#29
Terphenyl-d14
Concen: 0.273 ng
RT: 19.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:244 Resp: 22676

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	11.6	7.4	11.2#

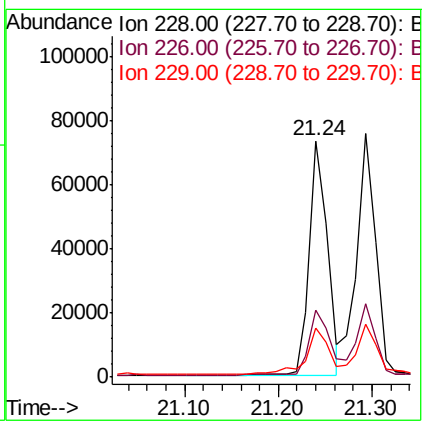


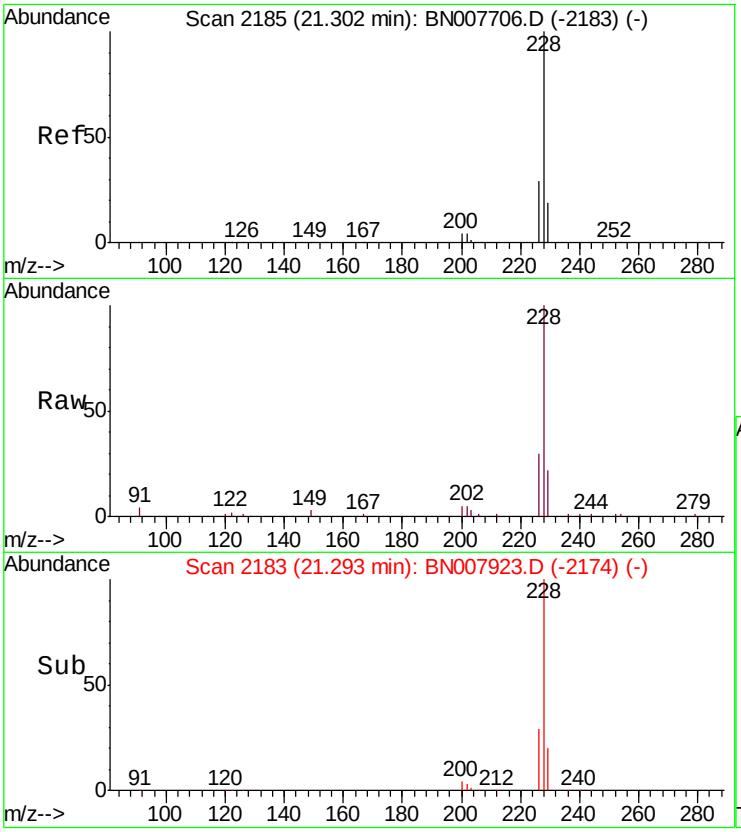


#30
Benzo(a)anthracene
Concen: 0.777 ng
RT: 21.24 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:228 Resp: 96897

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.8	15.8	23.6



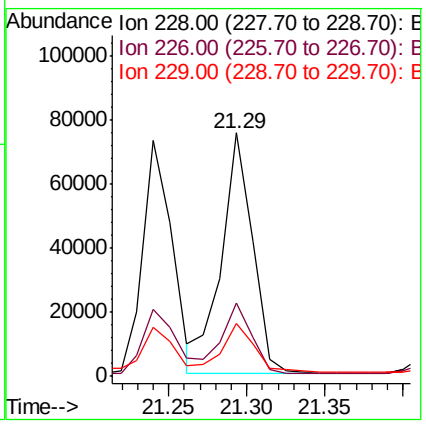


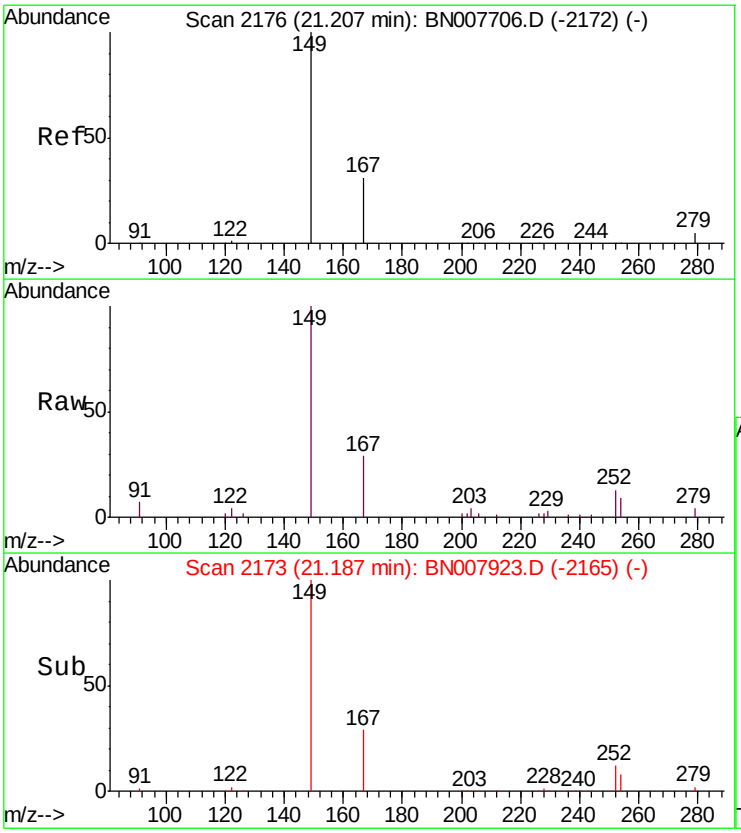
#31
Chrysene
Concen: 0.856 ng
RT: 21.29 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:228 Resp: 104001

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	21.7	15.8	23.6

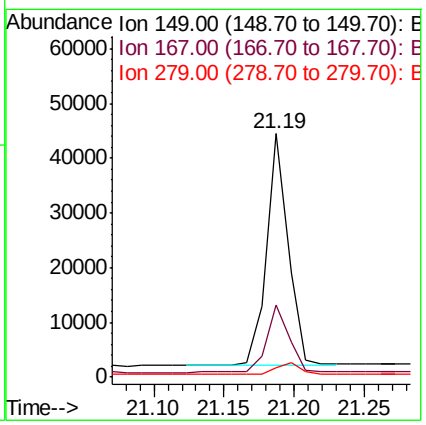


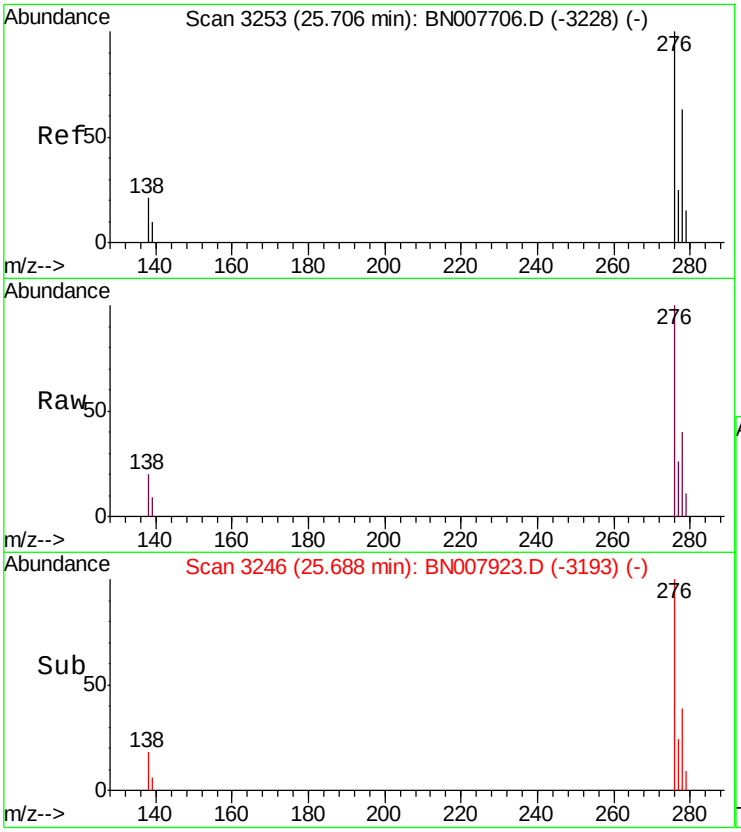


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.714 ng
RT: 21.19 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:149 Resp: 45812

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.7	35.5
279	5.8	4.2	6.2



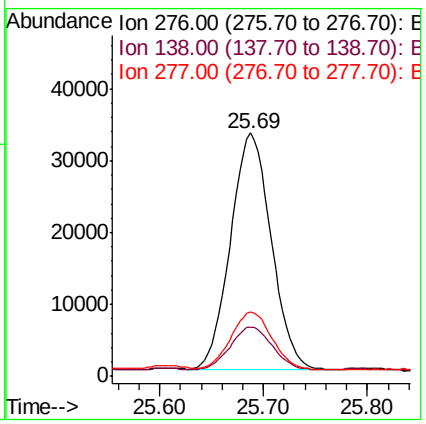


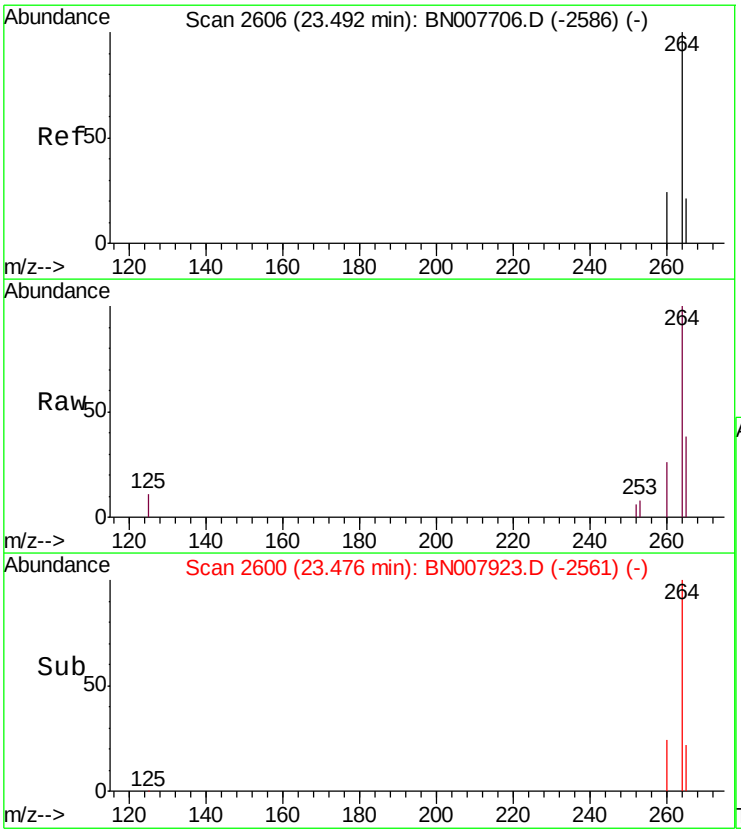
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.589 ng
RT: 25.69 min Scan# 3246
Delta R.T. -0.02 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:276 Resp: 89586

Ion	Ratio	Lower	Upper
276	100		
138	18.4	17.1	25.7
277	24.9	20.0	30.0

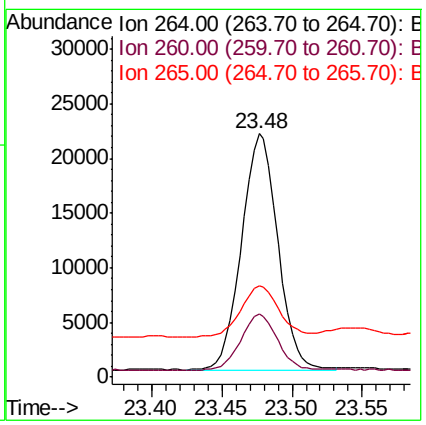


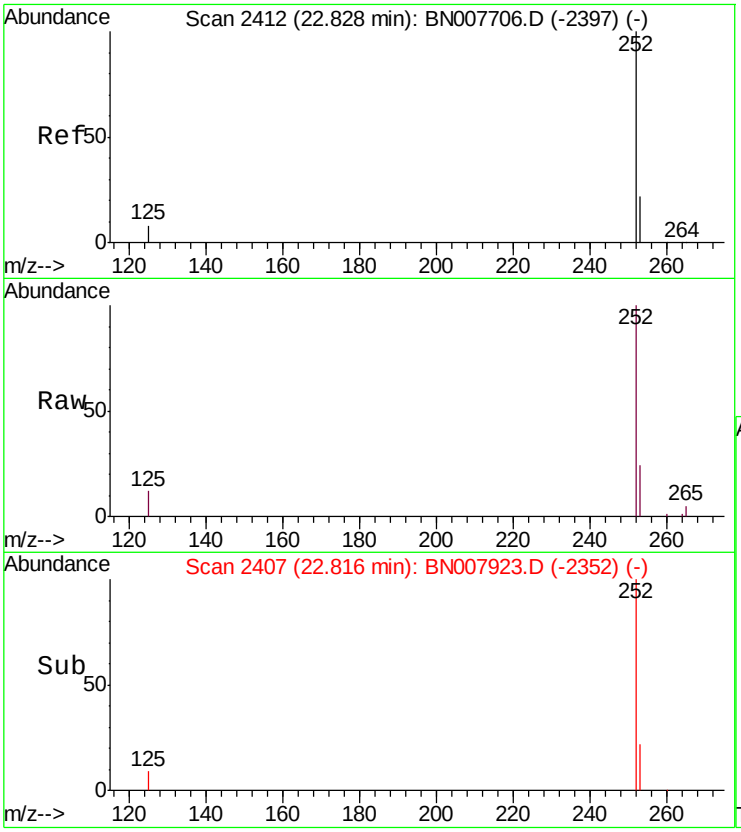


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:264 Resp: 38616

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.3	28.9
265	37.6	26.9	40.3



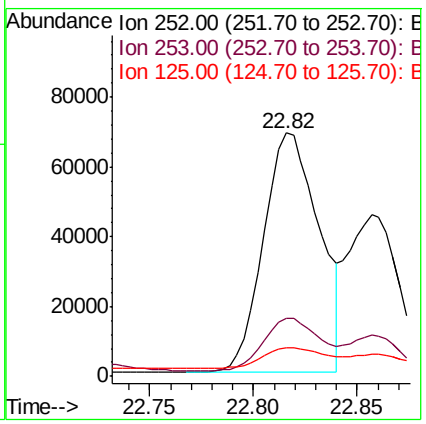


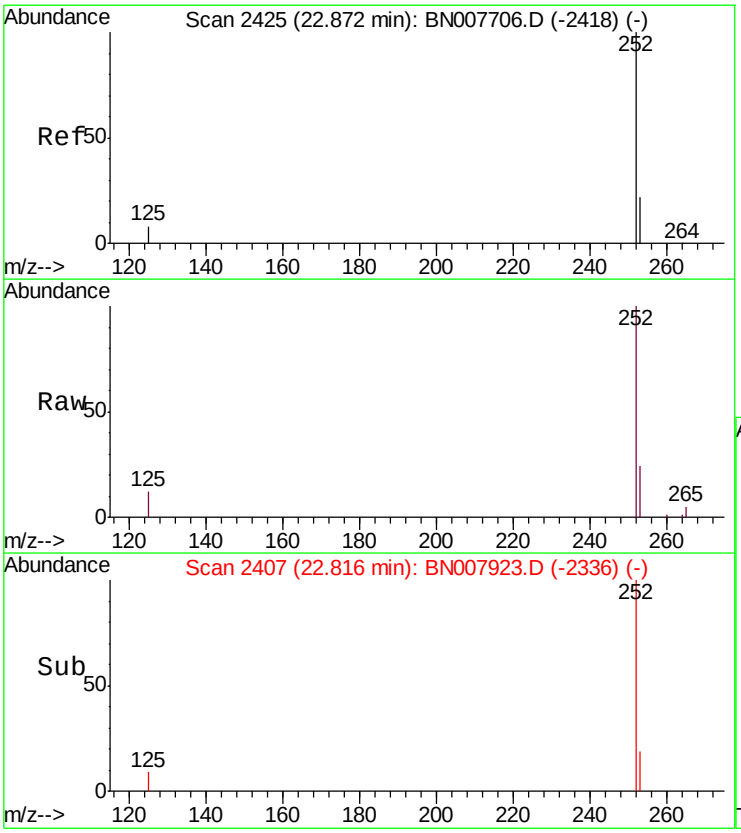
#35
Benzo(b)fluoranthene
Concen: 0.953 ng
RT: 22.82 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:252 Resp: 127800

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.3	27.5
125	11.9	8.2	12.4

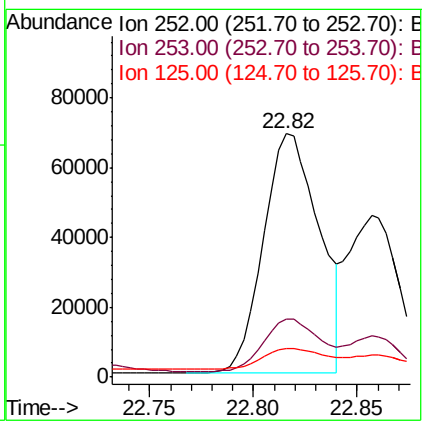


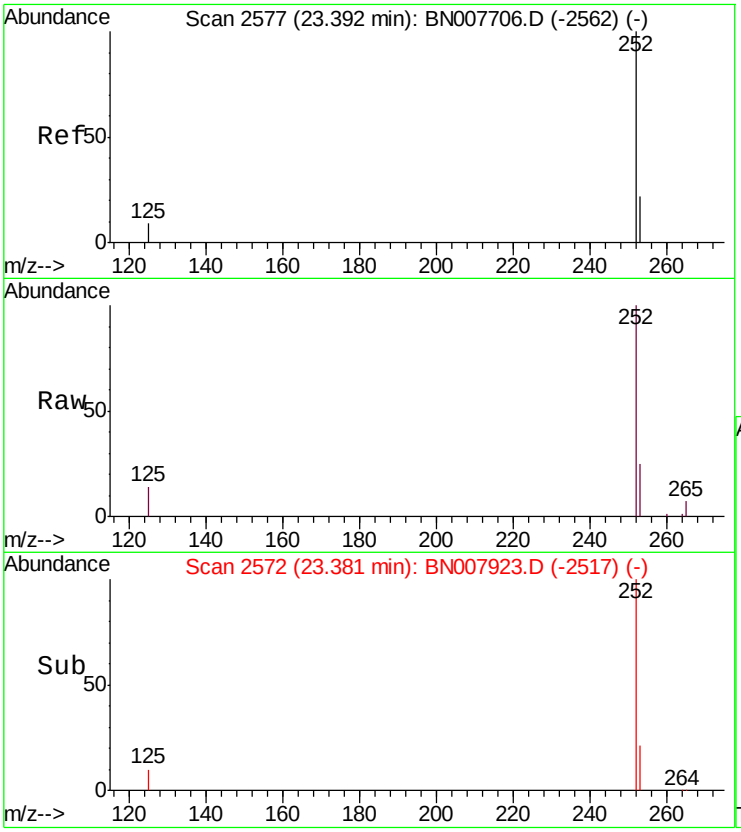


#36
Benzo(k)fluoranthene
Concen: 0.964 ng
RT: 22.82 min Scan# 2407
Delta R.T. -0.06 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:252 Resp: 127800

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	11.9	8.4	12.6



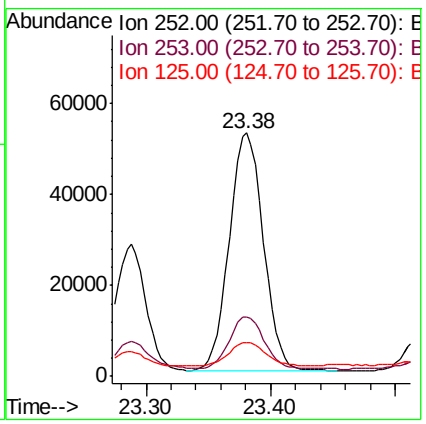


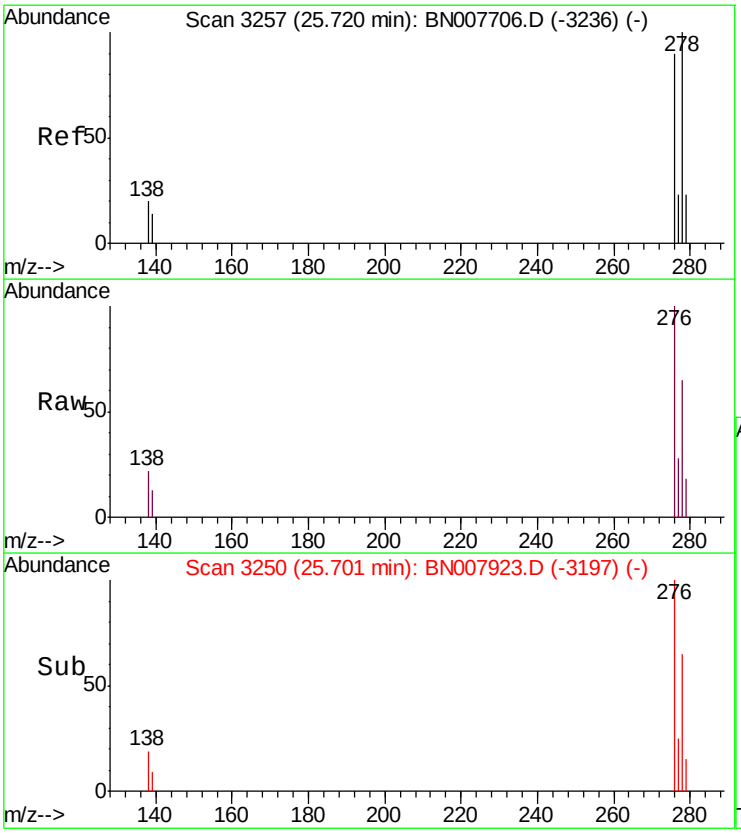
#37
Benzo(a)pyrene
Concen: 0.786 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:252 Resp: 99079

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.6	27.8
125	13.9	9.4	14.0

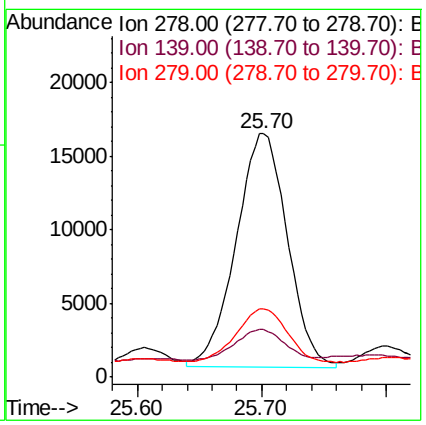


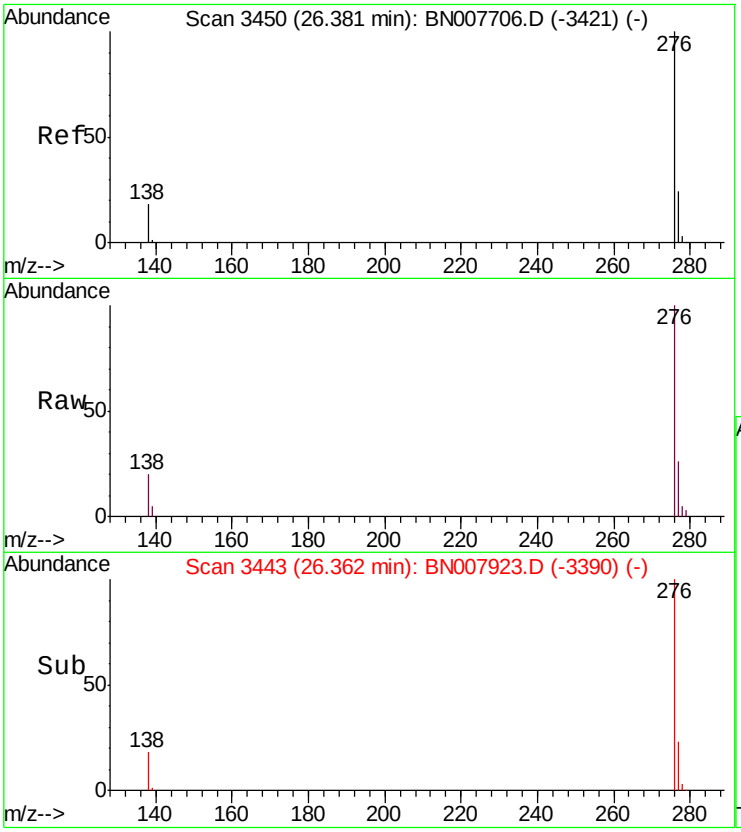


#38
Dibenzo(a,h)anthracene
Concen: 0.353 ng
RT: 25.70 min Scan# 3250
Delta R.T. -0.02 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Tgt Ion:278 Resp: 45447

Ion	Ratio	Lower	Upper
278	100		
139	19.8	11.8	17.6#
279	28.2	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.644 ng
RT: 26.36 min Scan# 3443
Delta R.T. -0.02 min
Lab File: BN007923.D
Acq: 01 Oct 2019 08:10

Instrument :
BNA_N
ClientSampleId :
PST-024-SW134-092519MS

Tgt Ion:276 Resp: 82184

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.8	29.8
138	20.4	15.1	22.7