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

Quantitation Report (Not Reviewed)

Data File : BN007899.D
Acq On : 30 Sep 2019 16:30
Operator : JU
Sample : K5077-23MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-SW138-092519MS

Quant Time: Oct 01 06:49:25 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	11135	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	44098	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	24959	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	45636	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	34718	0.40	ng		-0.01
34) Perylene-d12	23.47	264	42119	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	9252	0.24	ng		0.00
5) Phenol-d6	6.87	99	12357	0.26	ng		0.00
8) Nitrobenzene-d5	8.83	82	10849	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	21221	0.29	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2793	0.21	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	28093	0.27	ng		-0.01
25) Fluoranthene-d10	19.09	212	35824	0.23	ng		-0.01
29) Terphenyl-d14	19.70	244	28590	0.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	2595	0.209	ng	#	85
3) n-Nitrosodimethylamine	3.01	42	11916	2.096	ng	#	74
6) bis(2-Chloroethyl)ether	7.13	93	9707	0.308	ng		91
9) Naphthalene	10.51	128	34484	0.279	ng		100
10) Hexachlorobutadiene	10.81	225	6737	0.258	ng	#	99
12) 2-Methylnaphthalene	12.13	142	23177	0.277	ng		99
16) Acenaphthylene	14.03	152	39460	0.298	ng		99
17) Acenaphthene	14.38	154	20820	0.244	ng		98
18) Fluorene	15.36	166	26875	0.246	ng		98
20) 4-Bromophenyl-phenylether	16.25	248	7998	0.289	ng	#	75
21) Hexachlorobenzene	16.38	284	8145	0.269	ng		98
22) Pentachlorophenol	16.72	266	4328	0.388	ng		99
23) Phenanthrene	17.10	178	72661	0.511	ng		100
24) Anthracene	17.19	178	40089	0.312	ng		99
26) Fluoranthene	19.12	202	114285	0.647	ng		99
28) Pyrene	19.49	202	105979	0.895	ng		98
30) Benzo(a)anthracene	21.24	228	60896	0.476	ng		98
31) Chrysene	21.29	228	69708	0.559	ng		99
32) Bis(2-ethylhexyl)phthalate	21.19	149	96479	1.467	ng		100
33) Indeno(1,2,3-cd)pyrene	25.68	276	77133	0.494	ng		99
35) Benzo(b)fluoranthene	22.81	252	86632	0.592	ng		99
36) Benzo(k)fluoranthene	22.81	252	86632	0.599	ng		99
37) Benzo(a)pyrene	23.38	252	69664	0.507	ng		99
38) Dibenzo(a,h)anthracene	25.70	278	45489	0.324	ng		98
39) Benzo(g,h,i)perylene	26.36	276	71728	0.516	ng		99

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

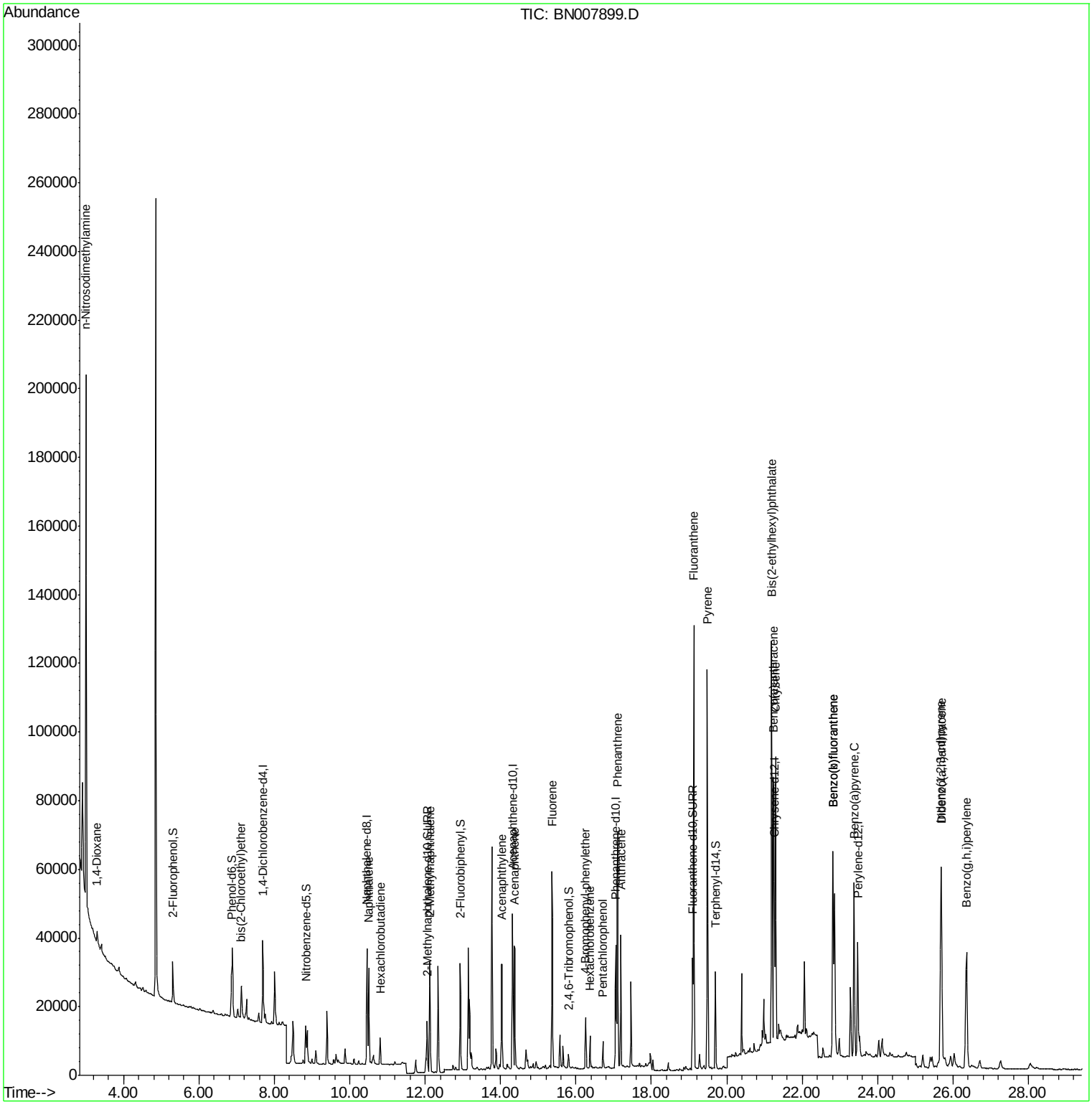
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

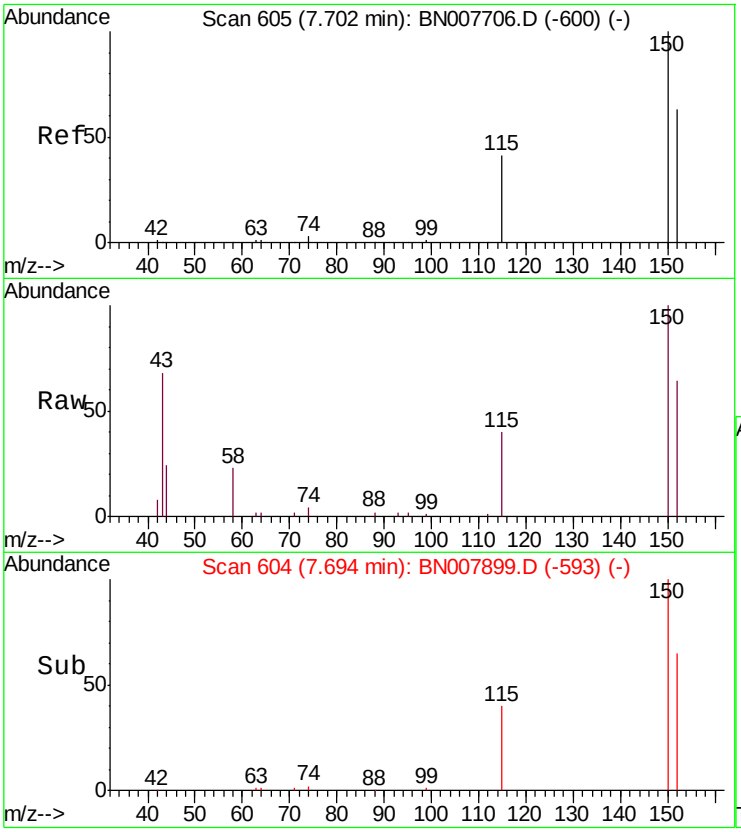
Quantitation Report (Not Reviewed)

Data File : BN007899.D
Acq On : 30 Sep 2019 16:30
Operator : JU
Sample : K5077-23MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Quant Time: Oct 01 06:49:25 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



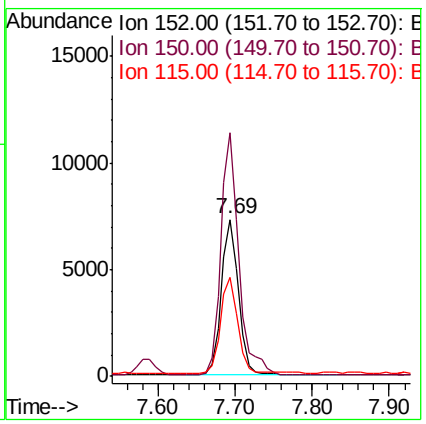


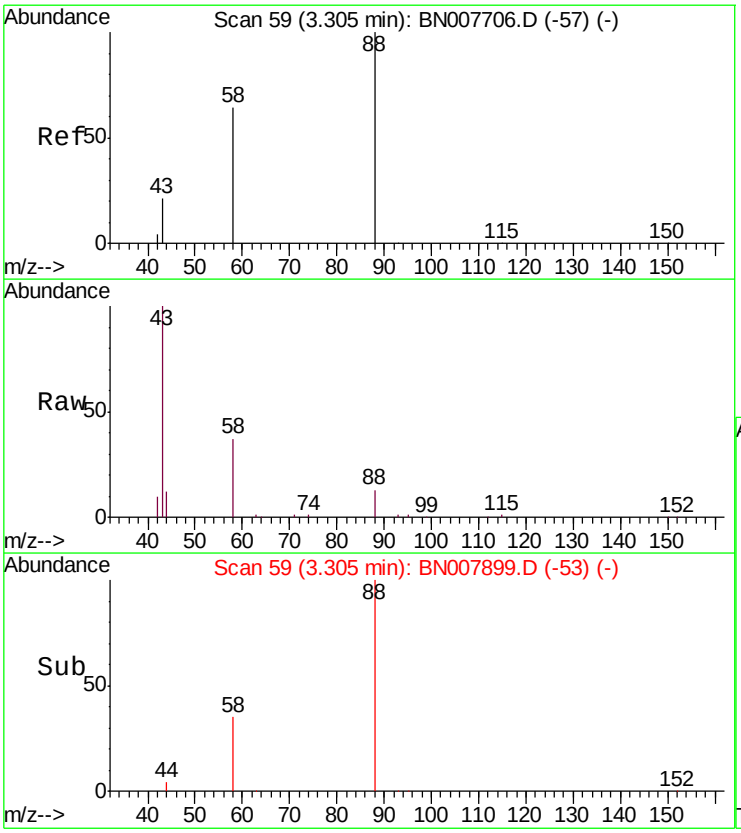
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:152 Resp: 11135

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.6	188.4
115	62.8	53.3	79.9

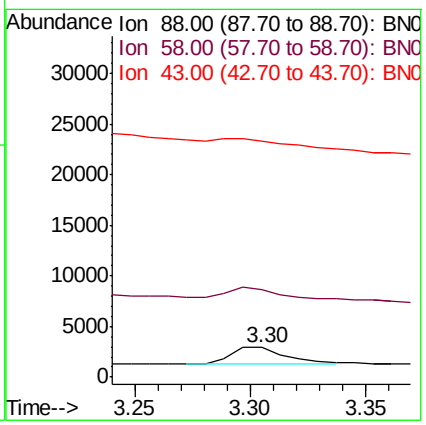


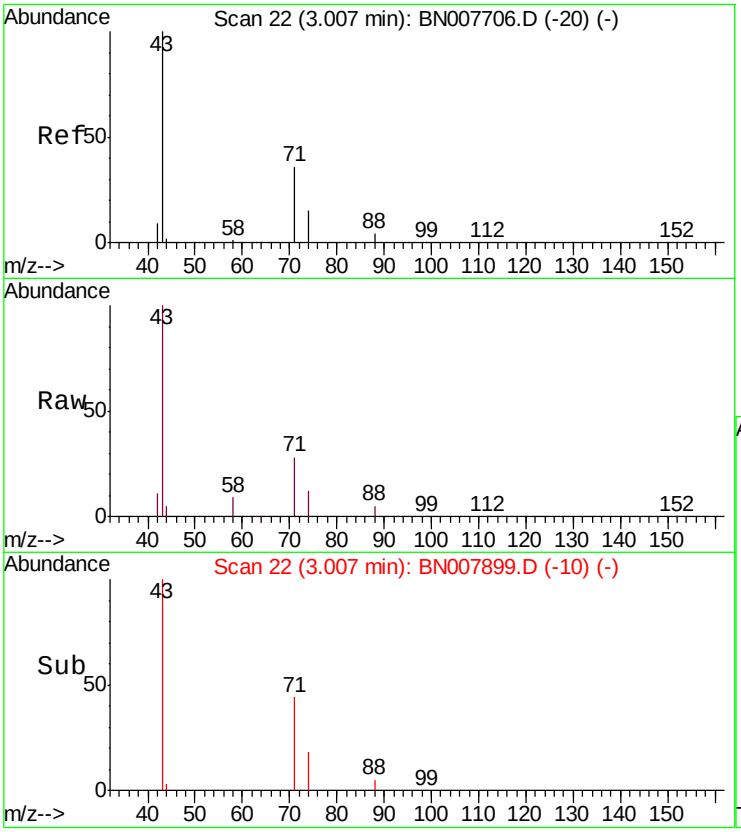


#2
1,4-Dioxane
Concen: 0.209 ng
RT: 3.30 min Scan# 59
Delta R.T. -0.00 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion: 88 Resp: 2595

Ion	Ratio	Lower	Upper
88	100		
58	60.3	44.6	66.8
43	0.0	14.4	21.6#



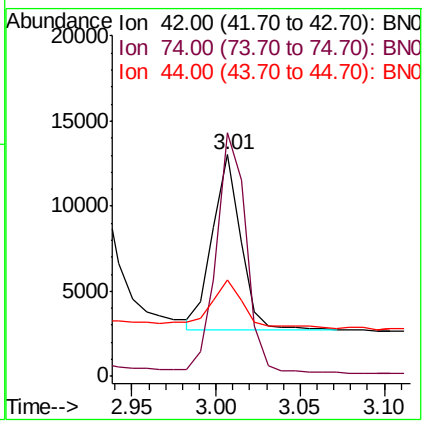


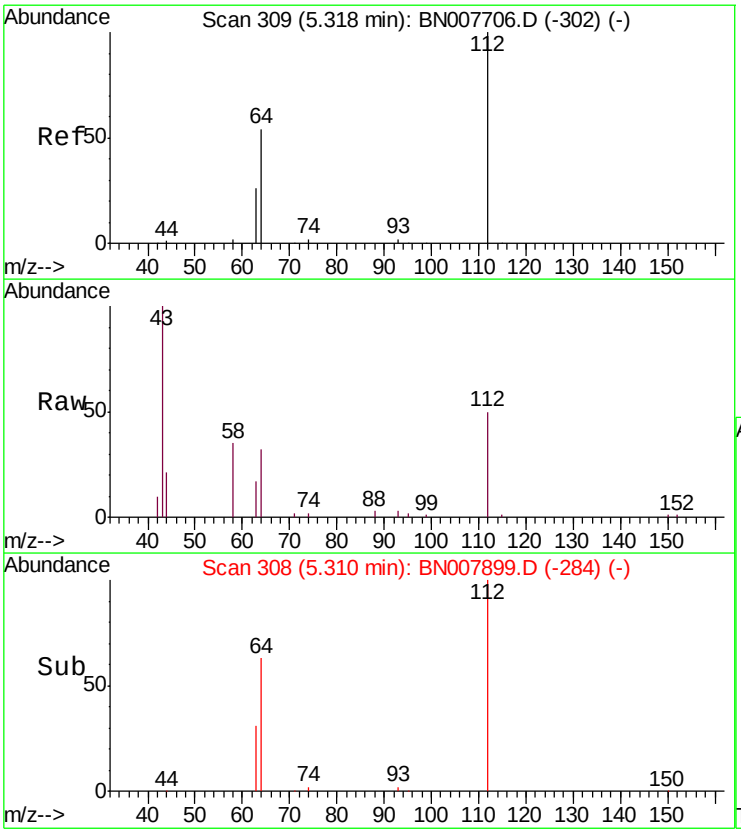
#3
n-Nitrosodimethylamine
Concen: 2.096 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion: 42 Resp: 11916

Ion	Ratio	Lower	Upper
42	100		
74	144.8	87.9	131.9#
44	33.0	29.4	44.0

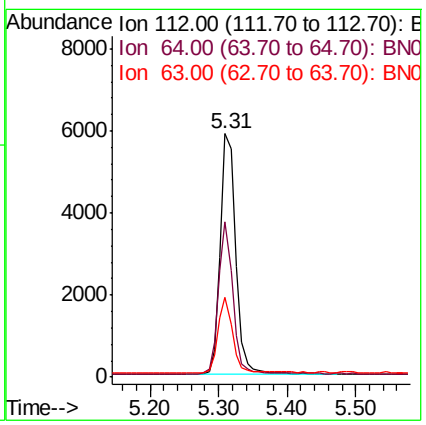


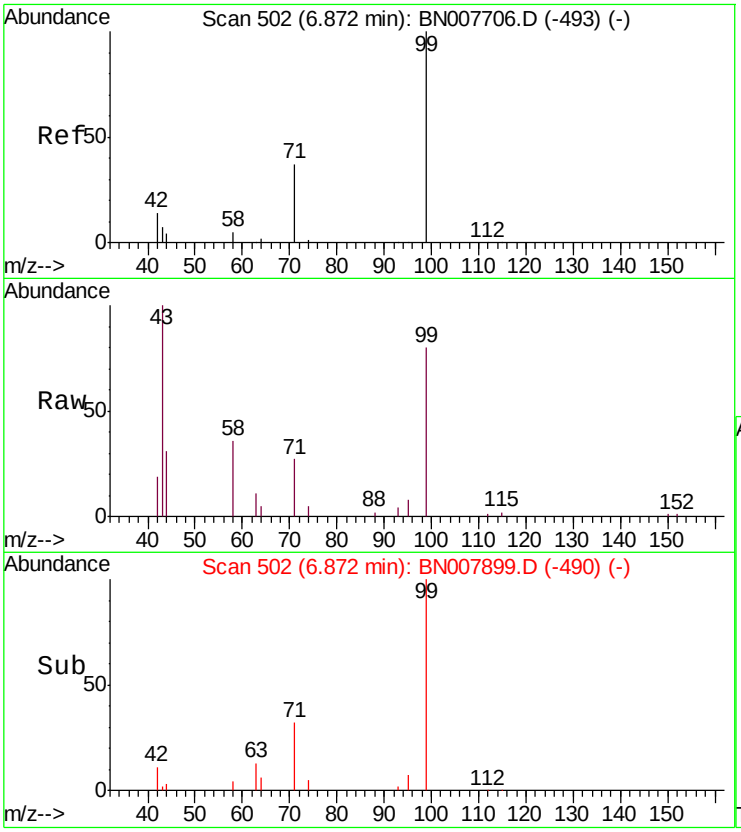


#4
2-Fluorophenol
Concen: 0.241 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:112 Resp: 9252

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	70.0
63	29.3	23.1	34.7



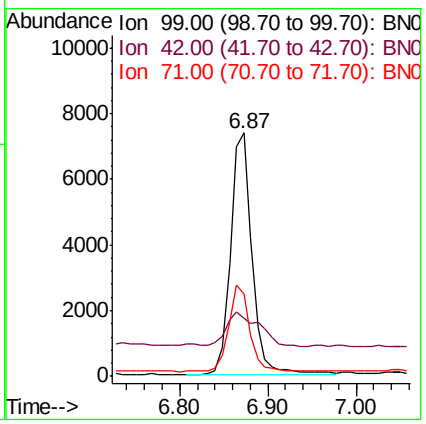


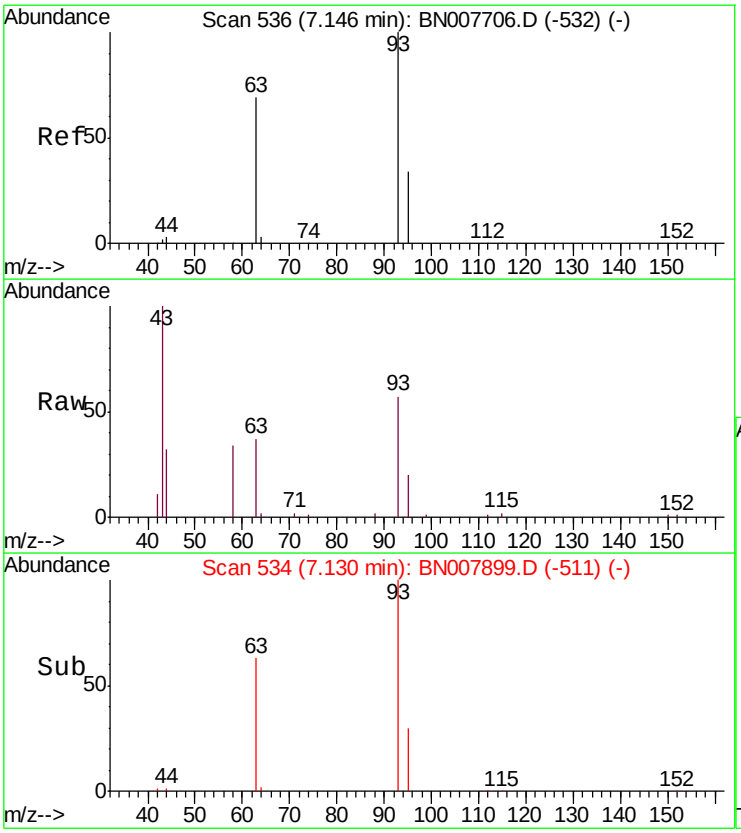
#5
Phenol-d6
Concen: 0.256 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion: 99 Resp: 12357

Ion	Ratio	Lower	Upper
99	100		
42	22.6	12.8	19.2#
71	35.6	27.6	41.4

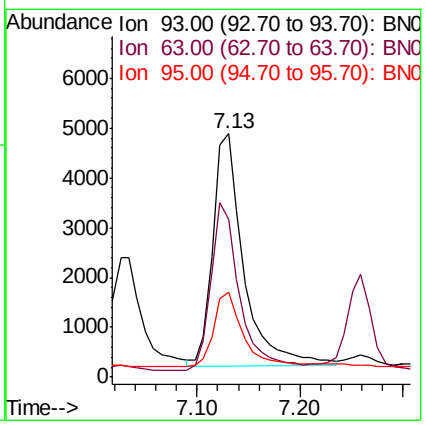


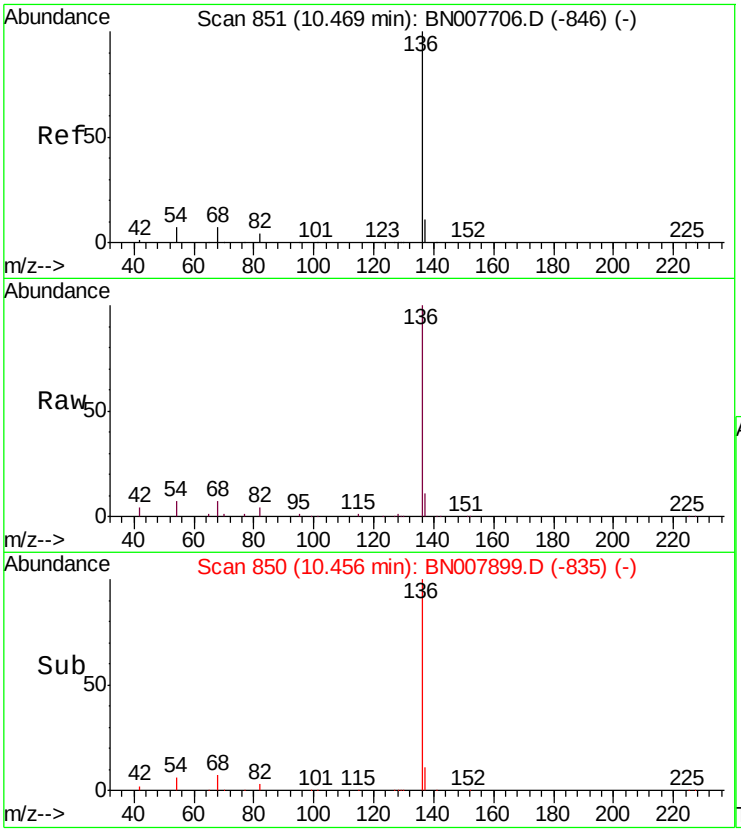


#6
bis(2-Chloroethyl)ether
Concen: 0.308 ng
RT: 7.13 min Scan# 534
Delta R.T. -0.02 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion: 93 Resp: 9707

Ion	Ratio	Lower	Upper
93	100		
63	67.8	59.3	88.9
95	31.6	31.4	47.0



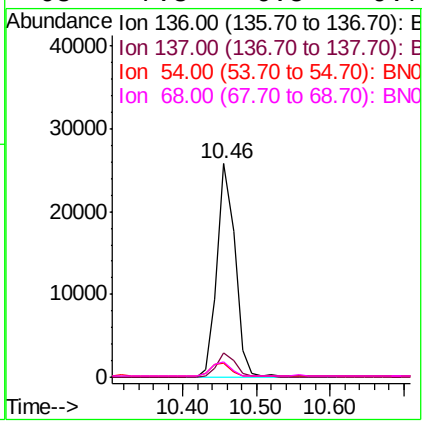


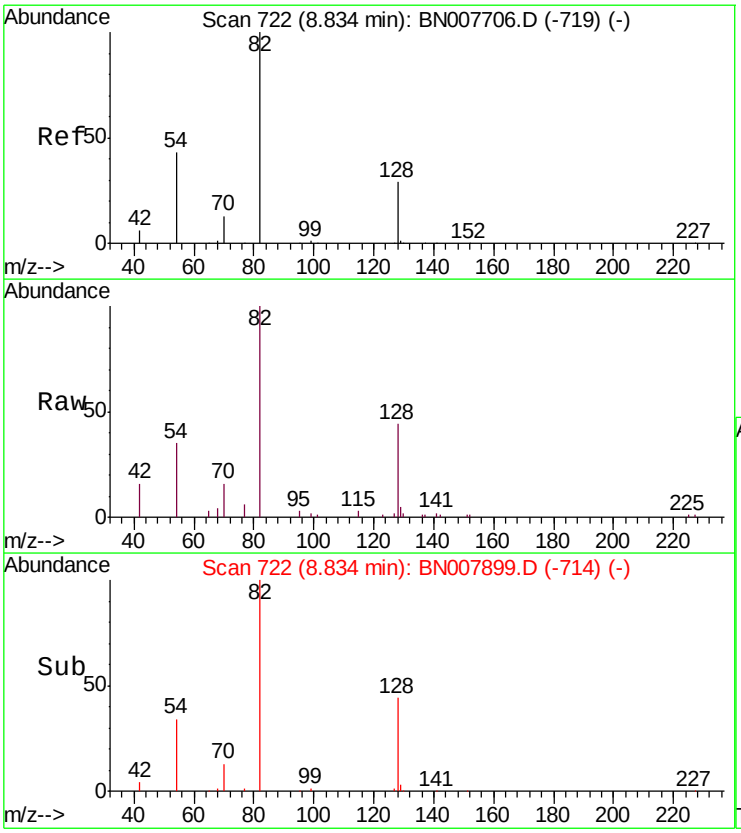
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:136 Resp: 44098

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.9	5.8	8.8
68	7.3	6.5	9.7

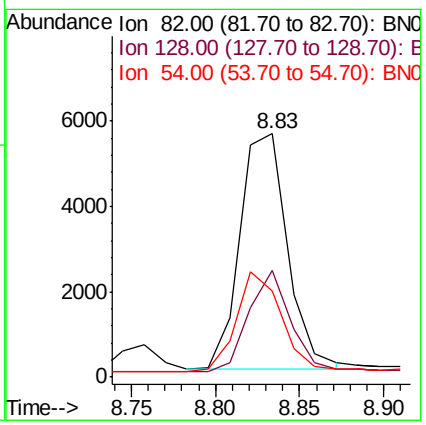


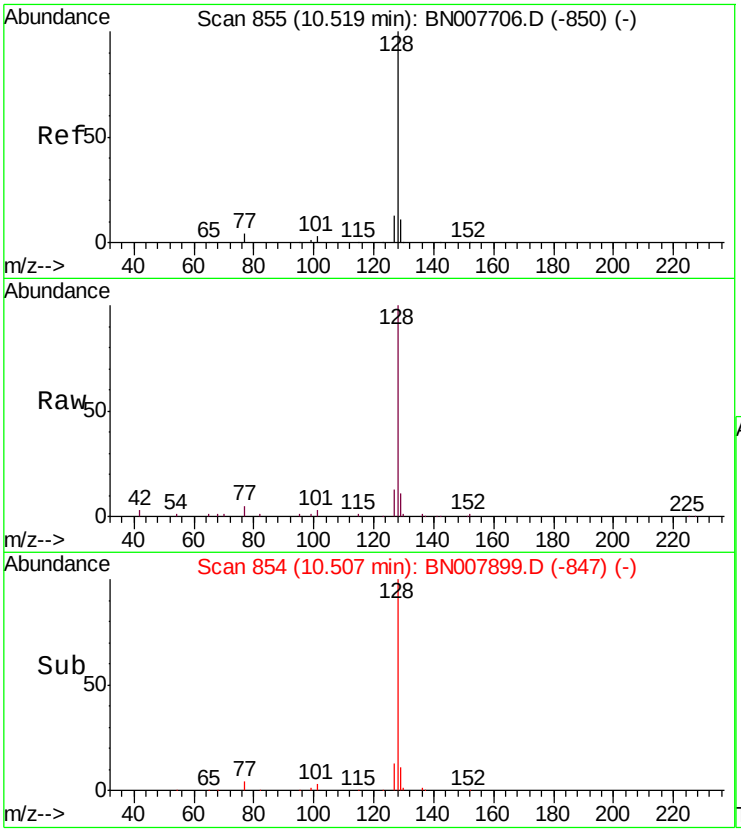


#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion: 82 Resp: 10849

Ion	Ratio	Lower	Upper
82	100		
128	43.9	24.5	36.7#
54	35.1	35.2	52.8#



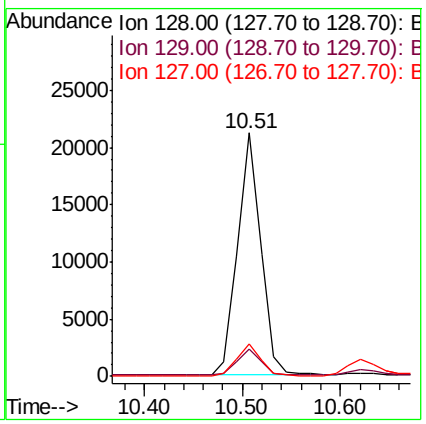


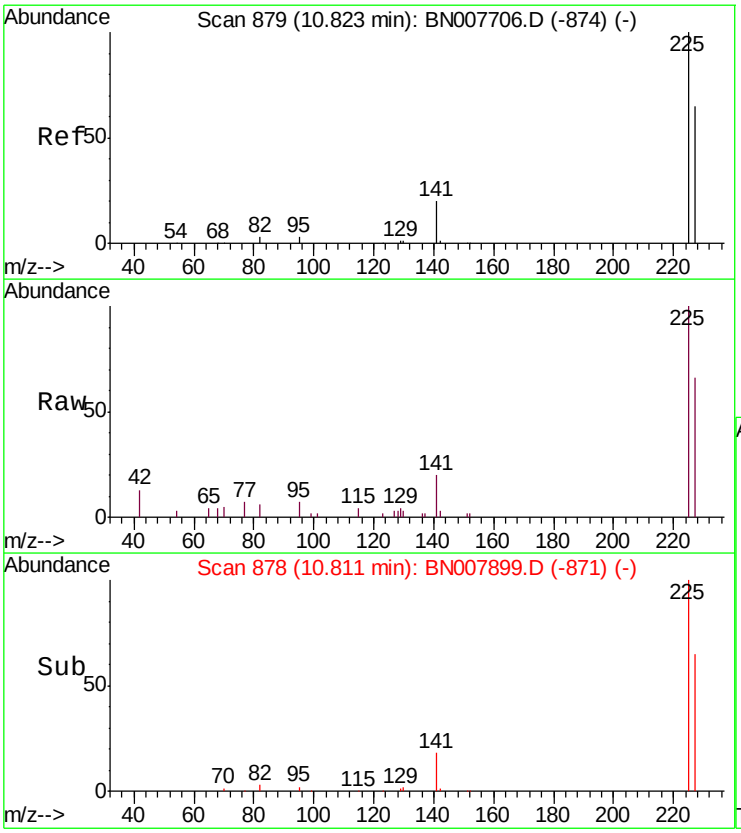
#9
Naphthalene
Concen: 0.279 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:128 Resp: 34484

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.3	10.6	15.8

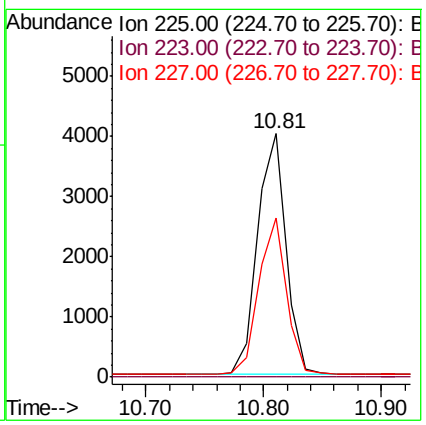


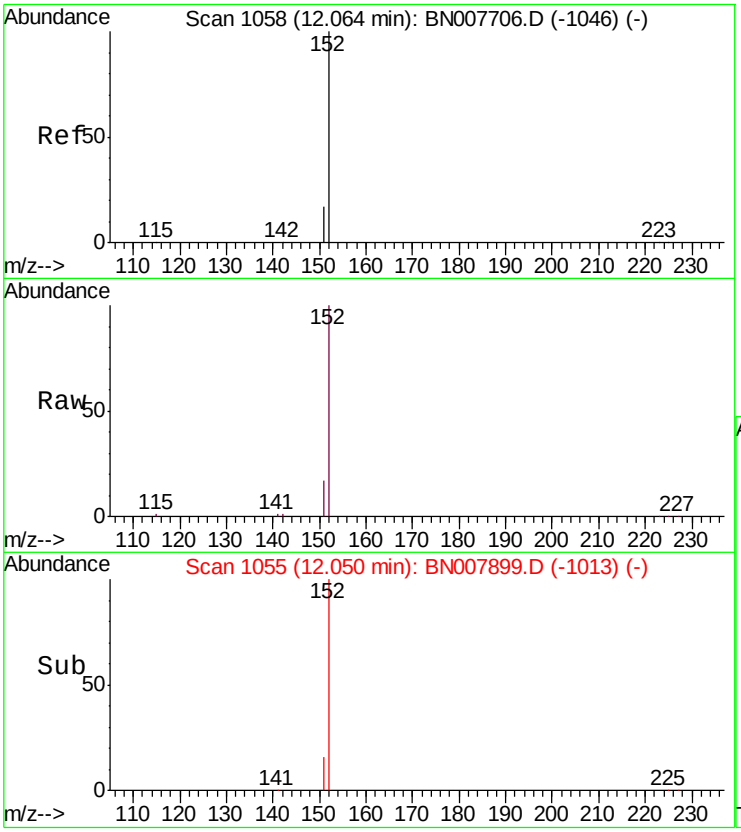


#10
Hexachlorobutadiene
Concen: 0.258 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:225 Resp: 6737

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.2	76.8



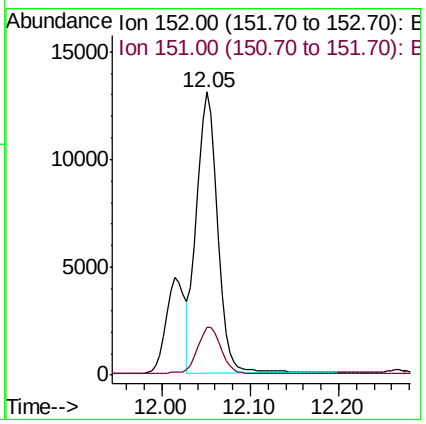


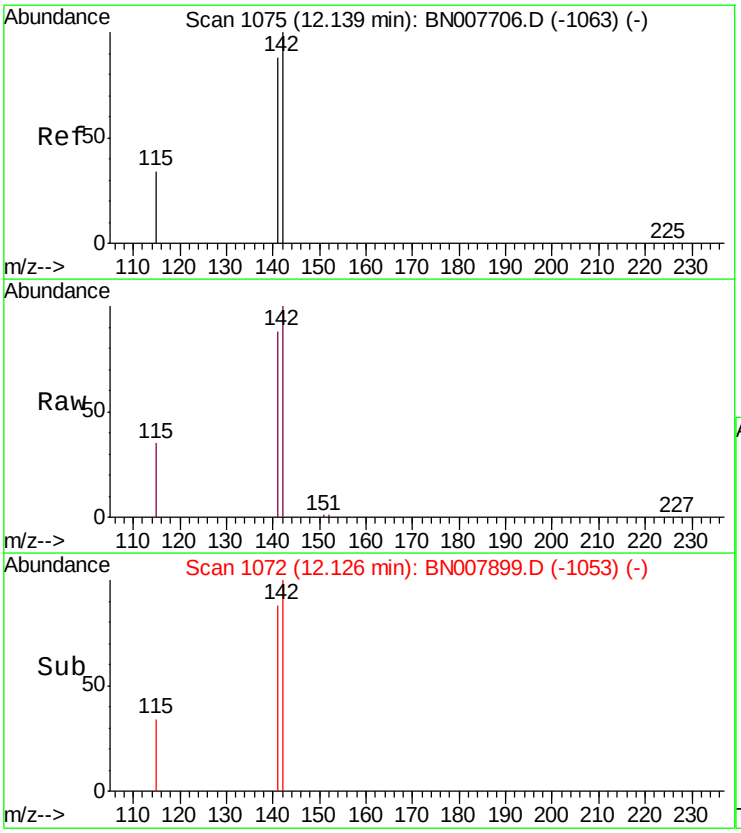
#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:152 Resp: 21221

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

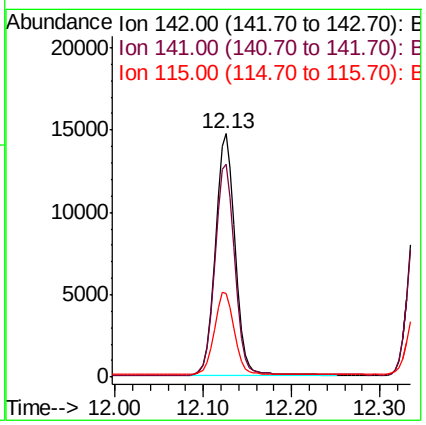


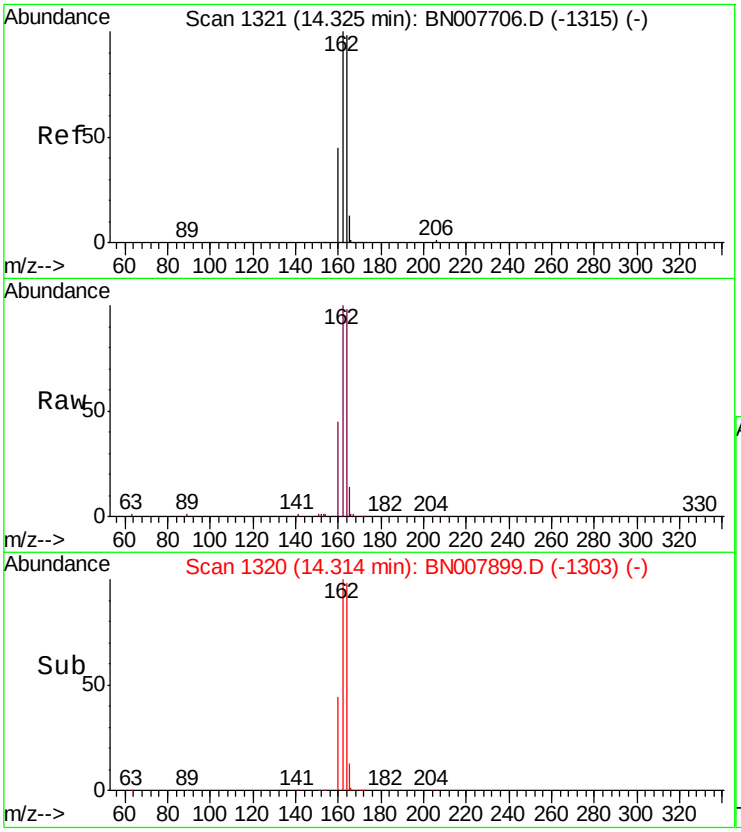


#12
2-Methylnaphthalene
Concen: 0.277 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:142 Resp: 23177

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.6	106.0
115	34.5	28.3	42.5



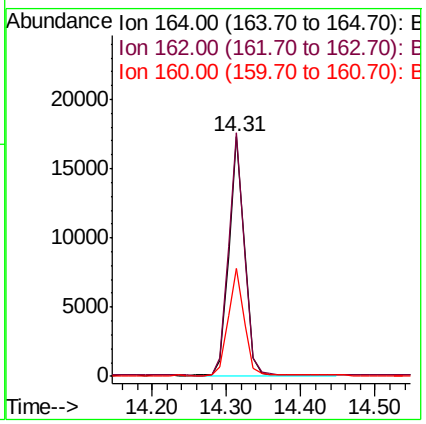


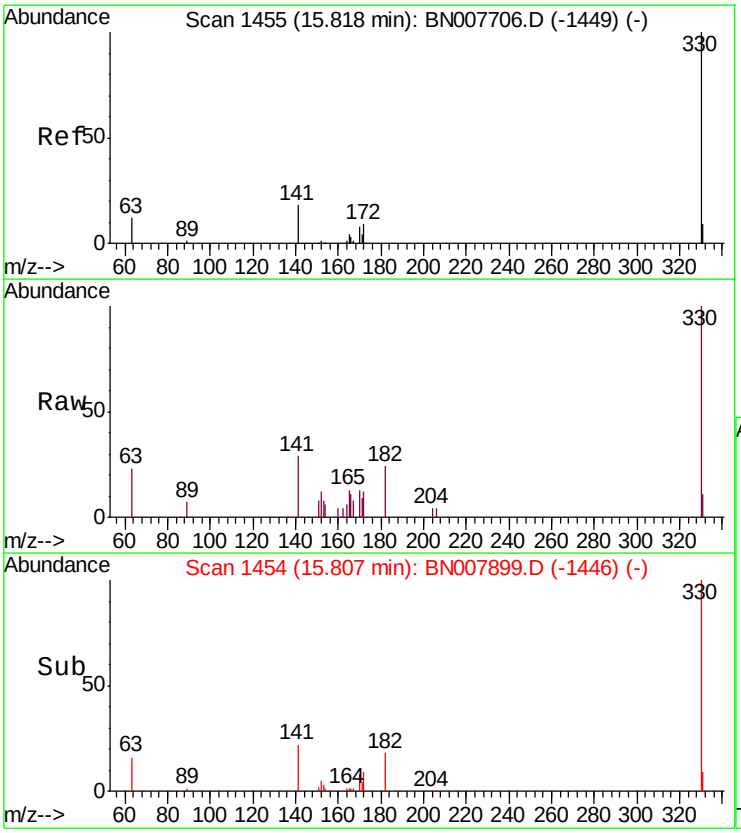
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:164 Resp: 24959

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.7	122.5
160	45.3	37.0	55.4

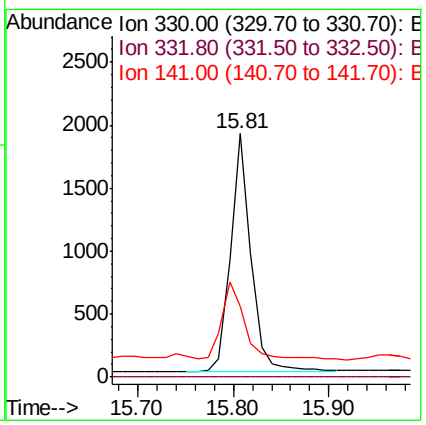


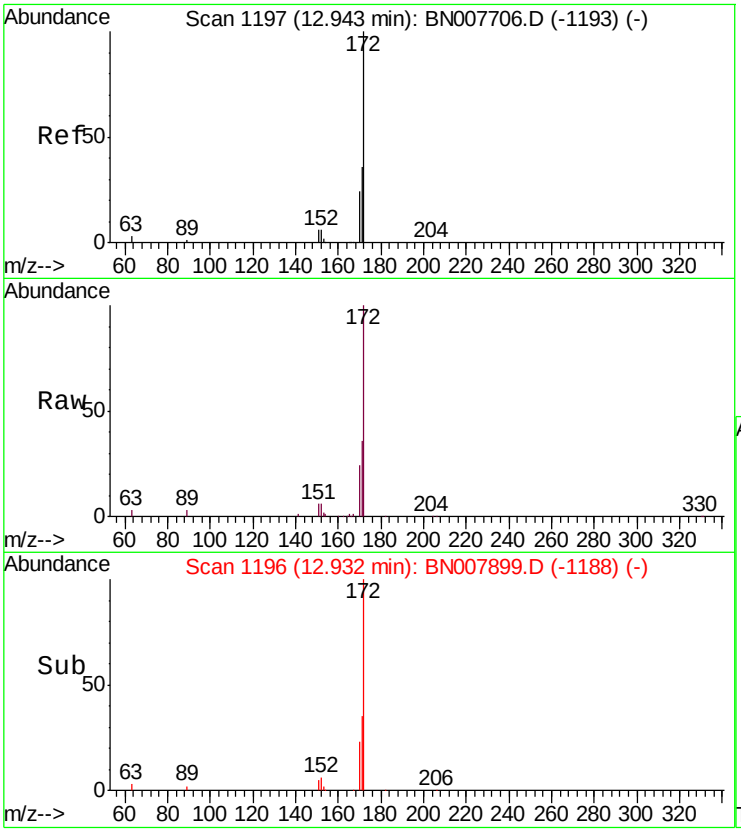


#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:330 Resp: 2793

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.9	28.7	43.1



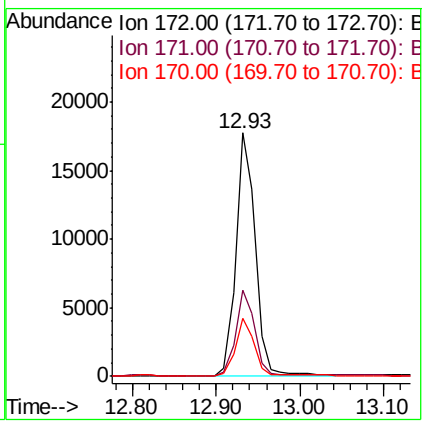


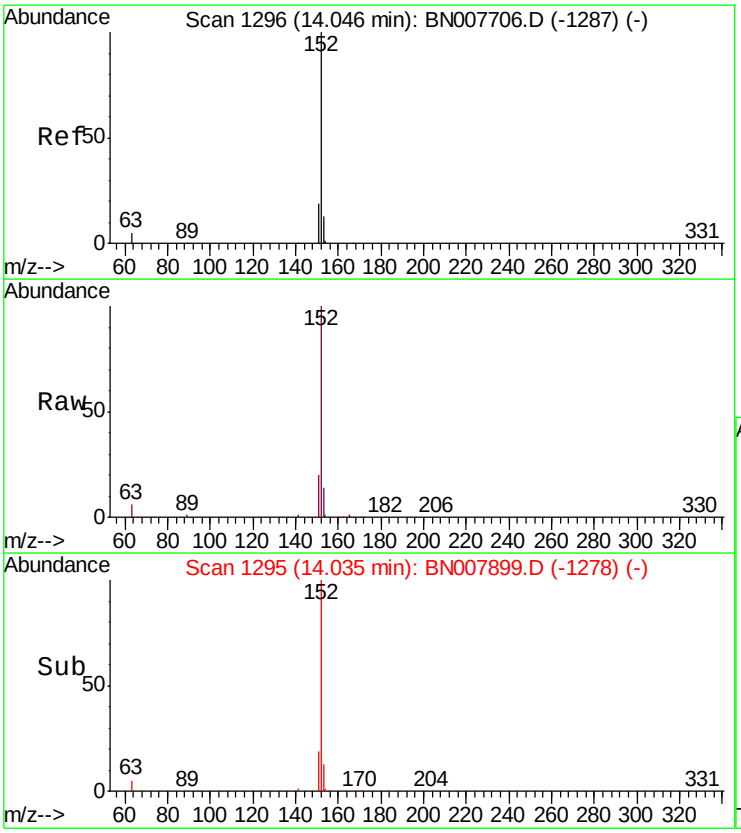
#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:172 Resp: 28093

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.7	19.5	29.3

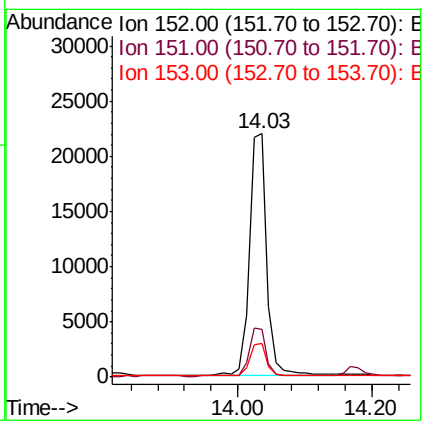


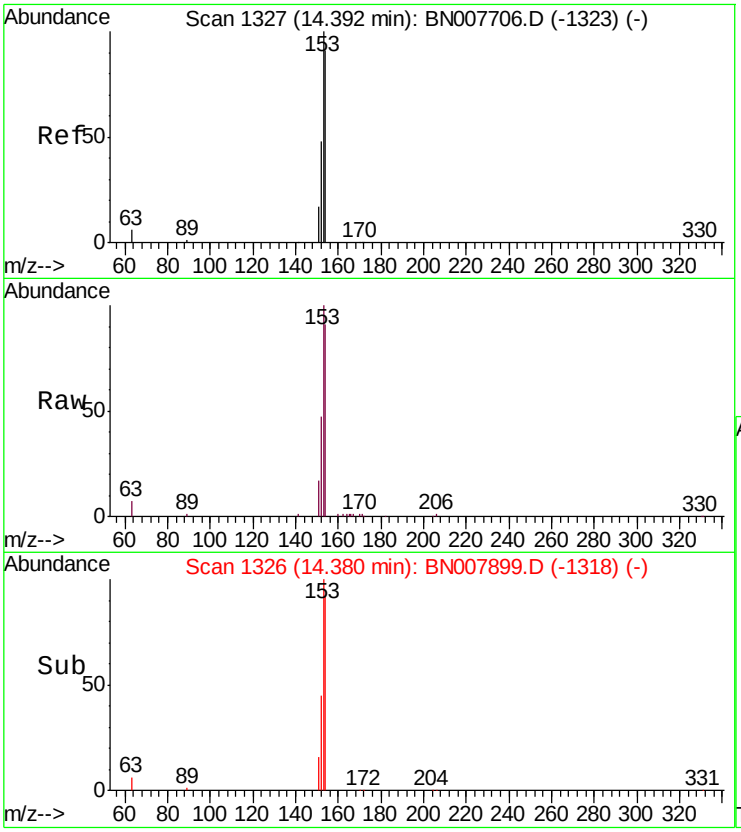


#16
Acenaphthylene
Concen: 0.298 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:152 Resp: 39460

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	13.1	10.4	15.6



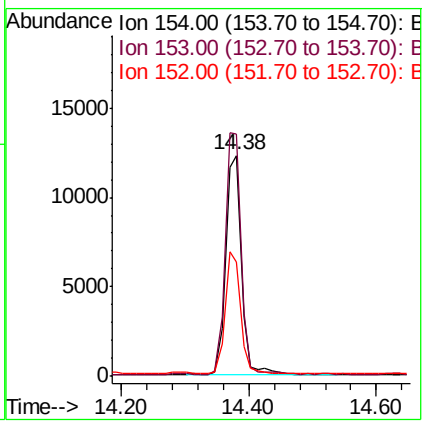


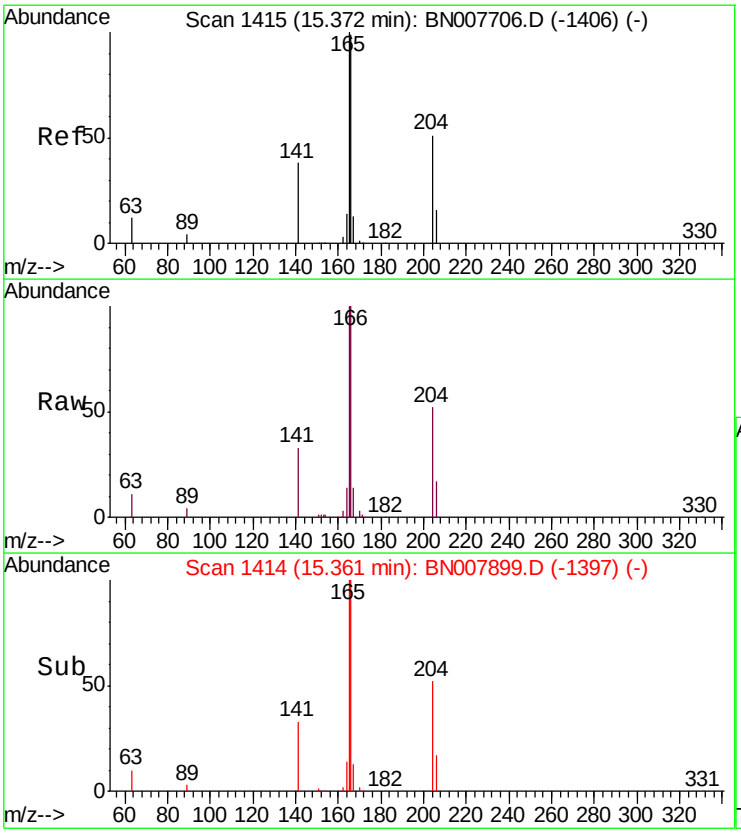
#17
Acenaphthene
Concen: 0.244 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:154 Resp: 20820

Ion	Ratio	Lower	Upper
154	100		
153	111.5	87.0	130.4
152	54.5	42.7	64.1

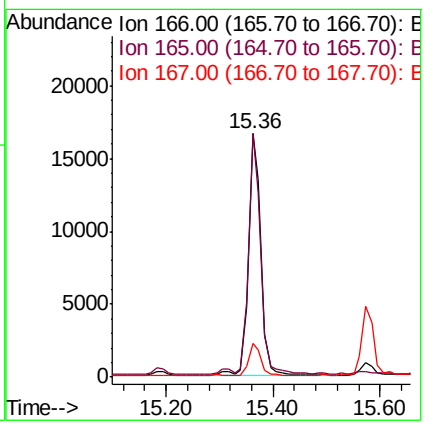


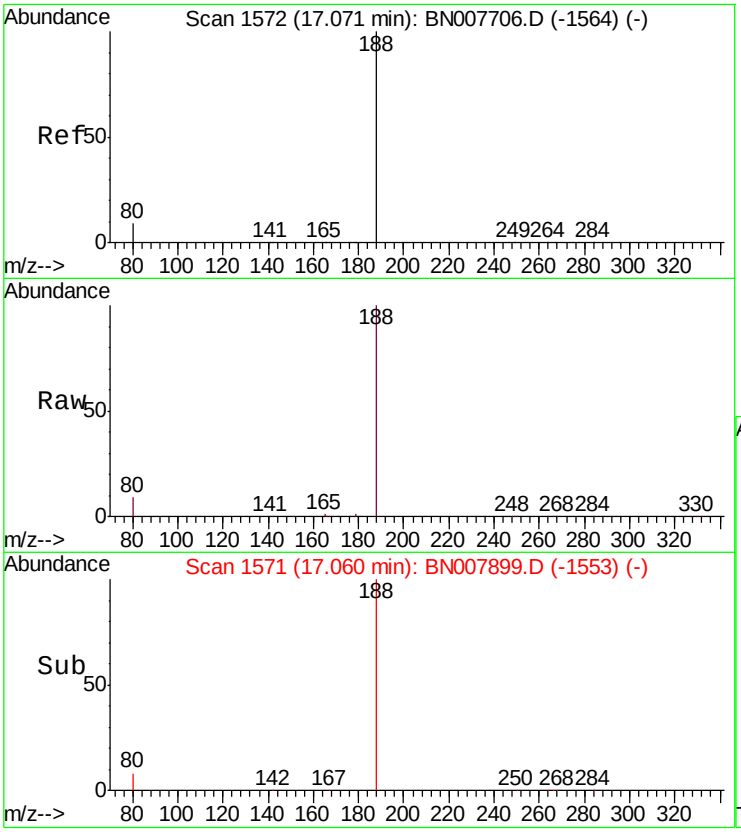


#18
Fluorene
Concen: 0.246 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:166 Resp: 26875

Ion	Ratio	Lower	Upper
166	100		
165	95.0	78.0	117.0
167	13.3	10.9	16.3



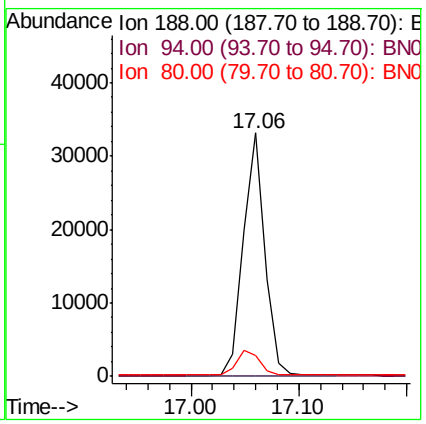


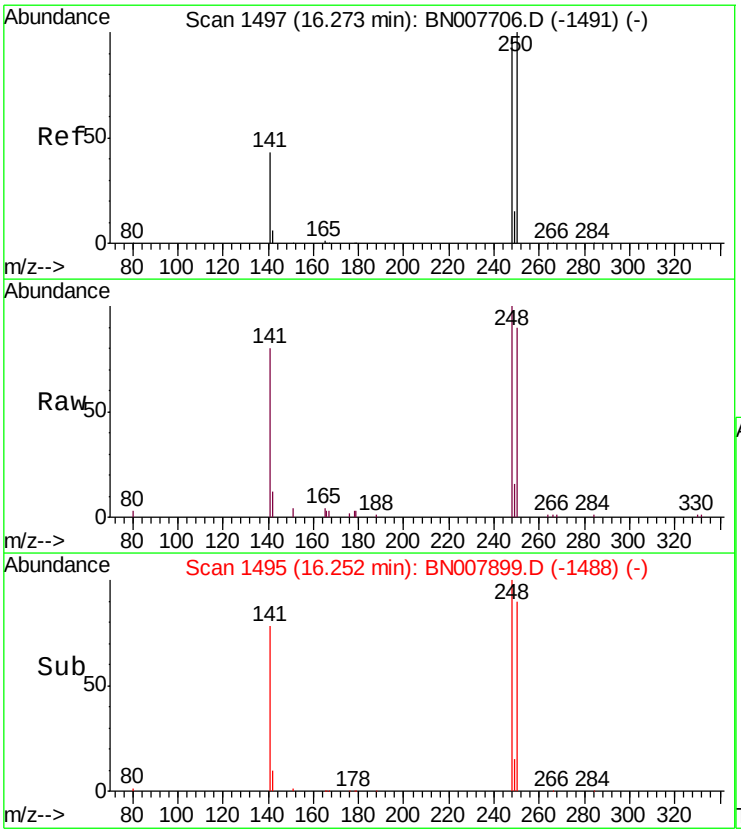
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:188 Resp: 45636

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.4	11.2

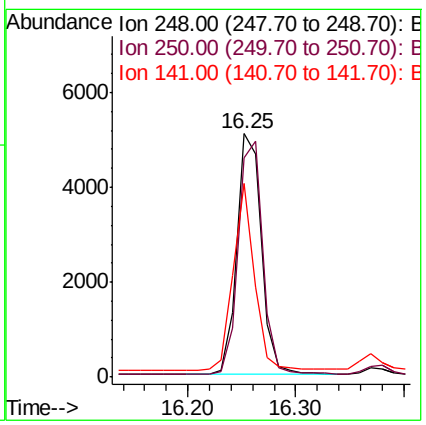


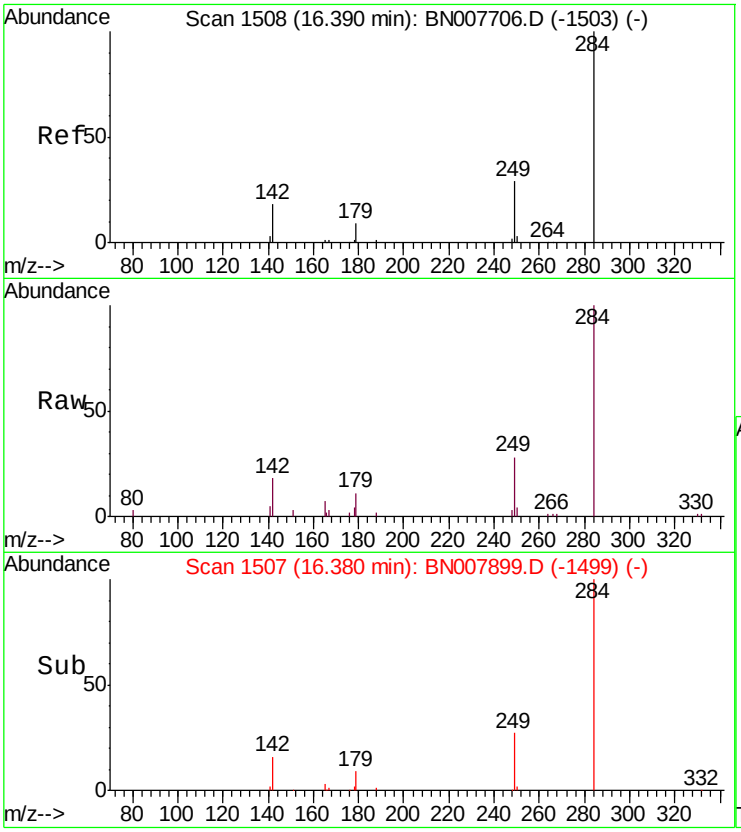


#20
4-Bromophenyl-phenylether
Concen: 0.289 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:248 Resp: 7998

Ion	Ratio	Lower	Upper
248	100		
250	90.1	82.2	123.4
141	79.8	36.3	54.5#



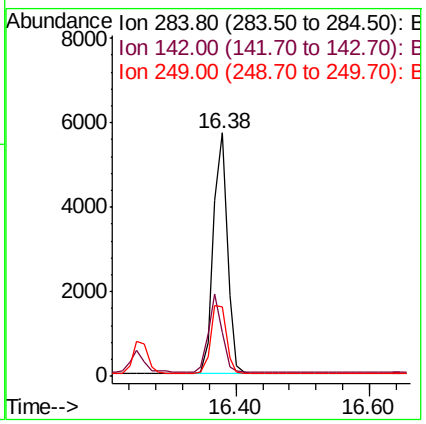


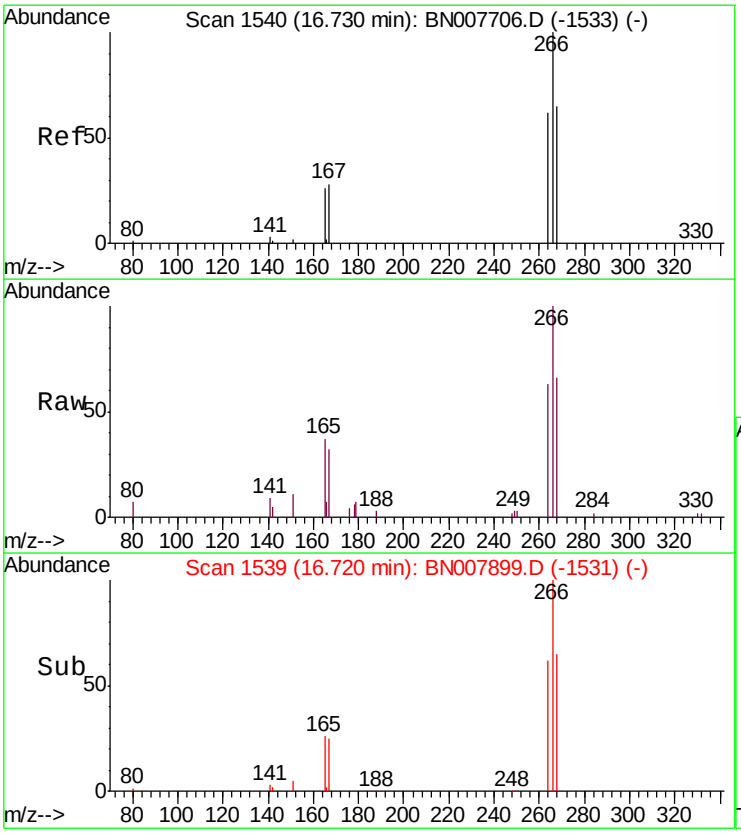
#21
Hexachlorobenzene
Concen: 0.269 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:284 Resp: 8145

Ion	Ratio	Lower	Upper
284	100		
142	31.0	25.8	38.6
249	31.4	25.9	38.9

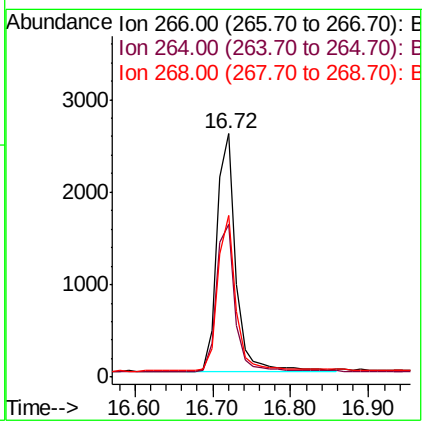


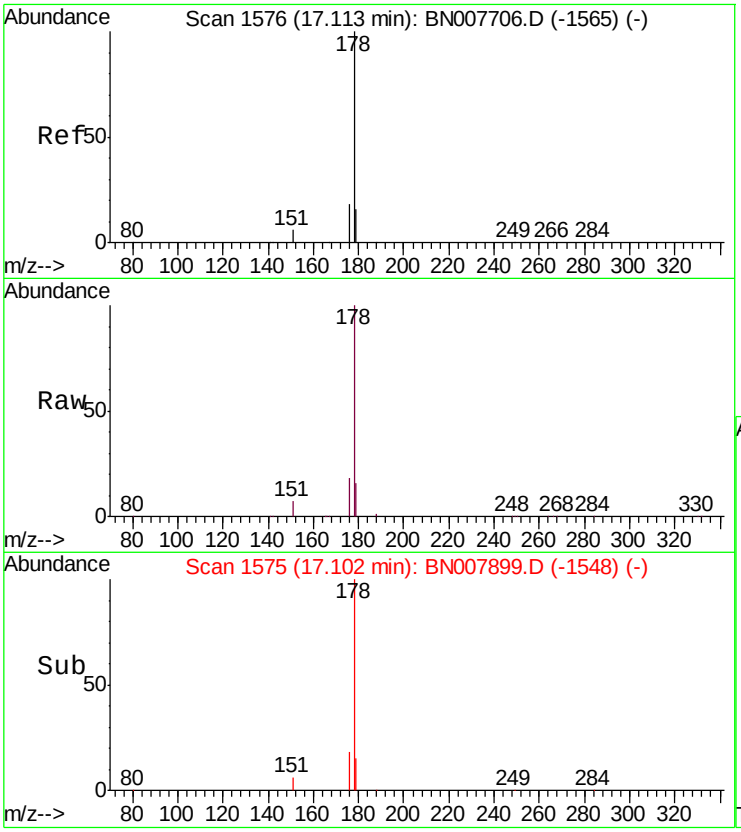


#22
Pentachlorophenol
Concen: 0.388 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:266 Resp: 4328

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.0	75.0
268	66.4	54.2	81.4



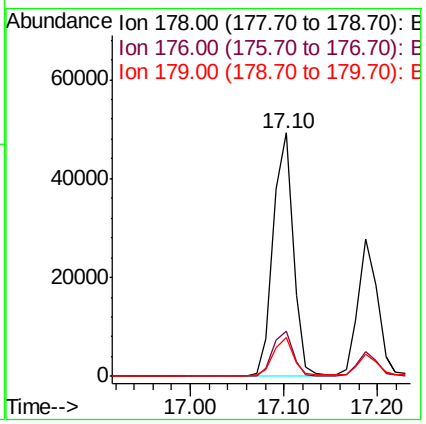


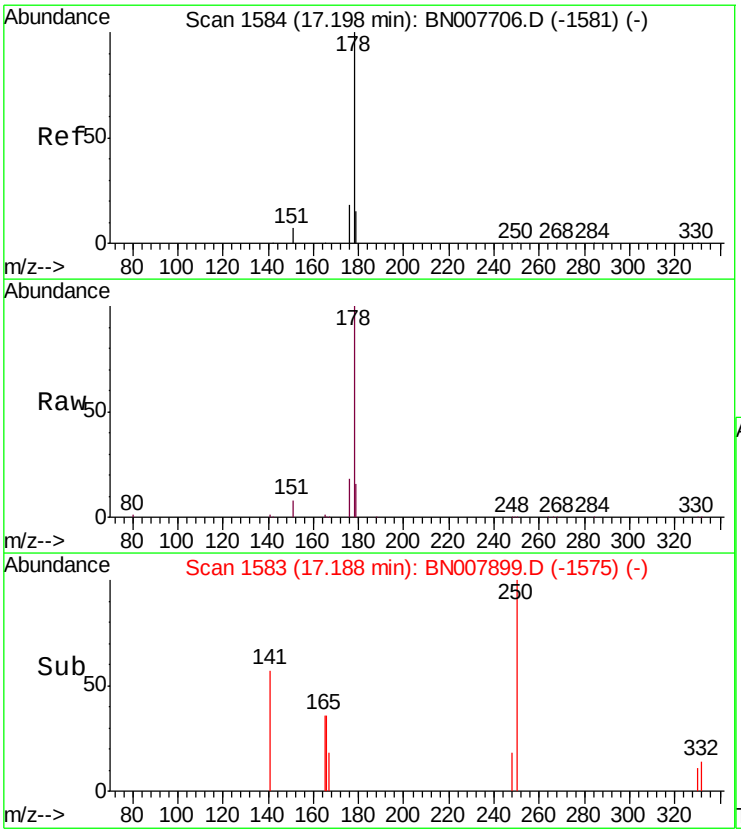
#23
Phenanthrene
Concen: 0.511 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:178 Resp: 72661

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.5	12.5	18.7

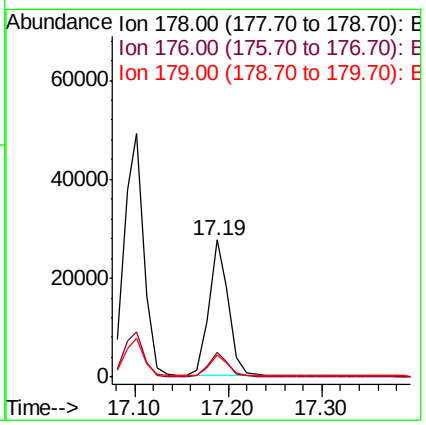


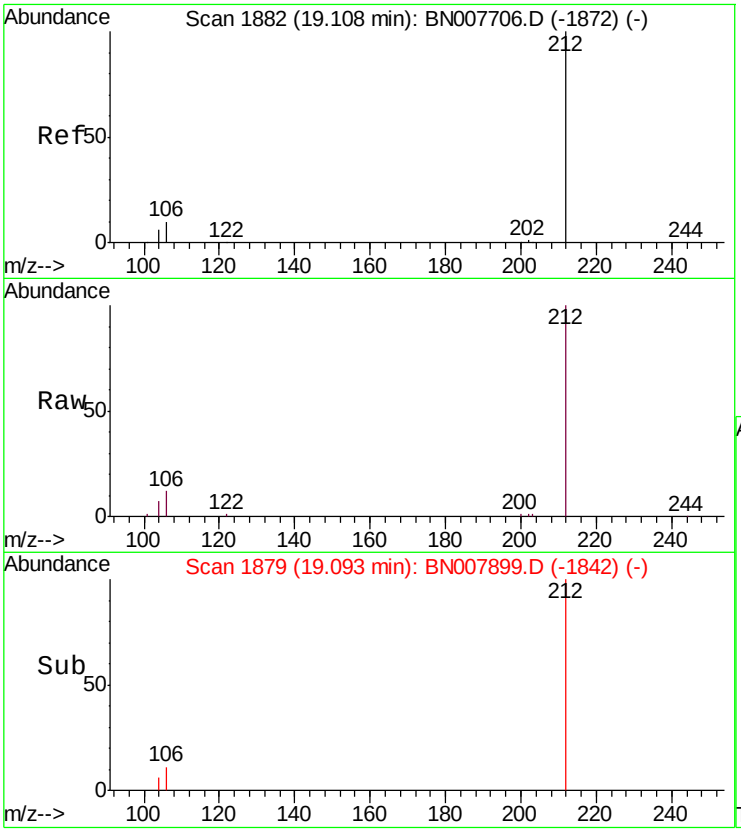


#24
Anthracene
Concen: 0.312 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:178 Resp: 40089

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.0	12.2	18.4



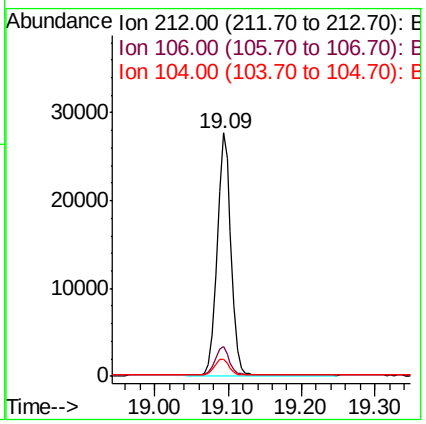


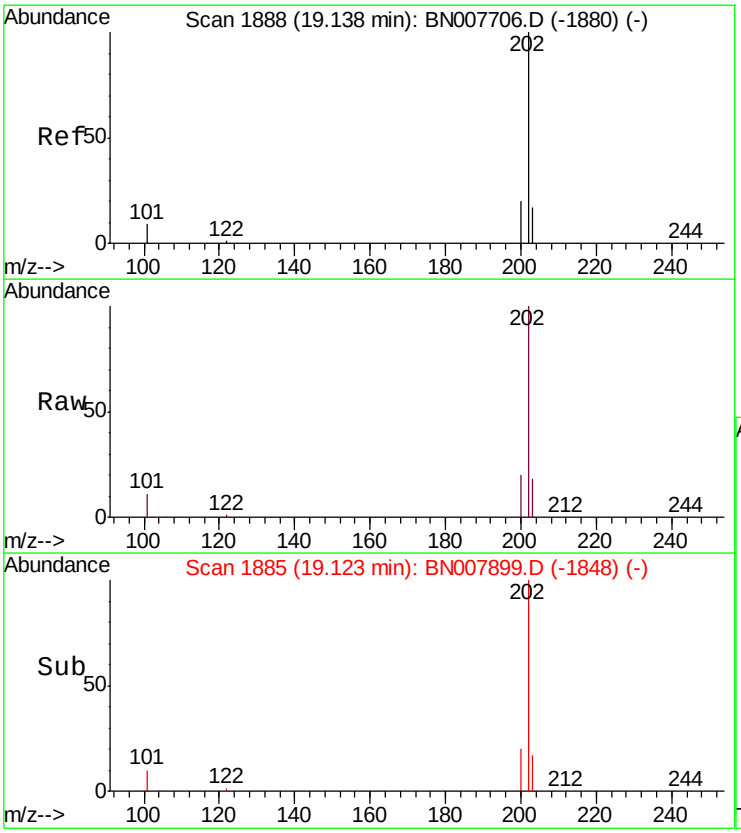
#25
Fluoranthene-d10
Concen: 0.233 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:212 Resp: 35824

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

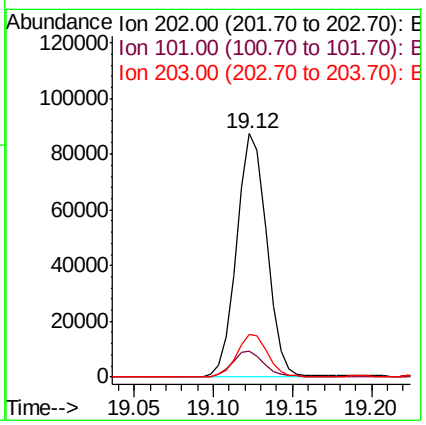


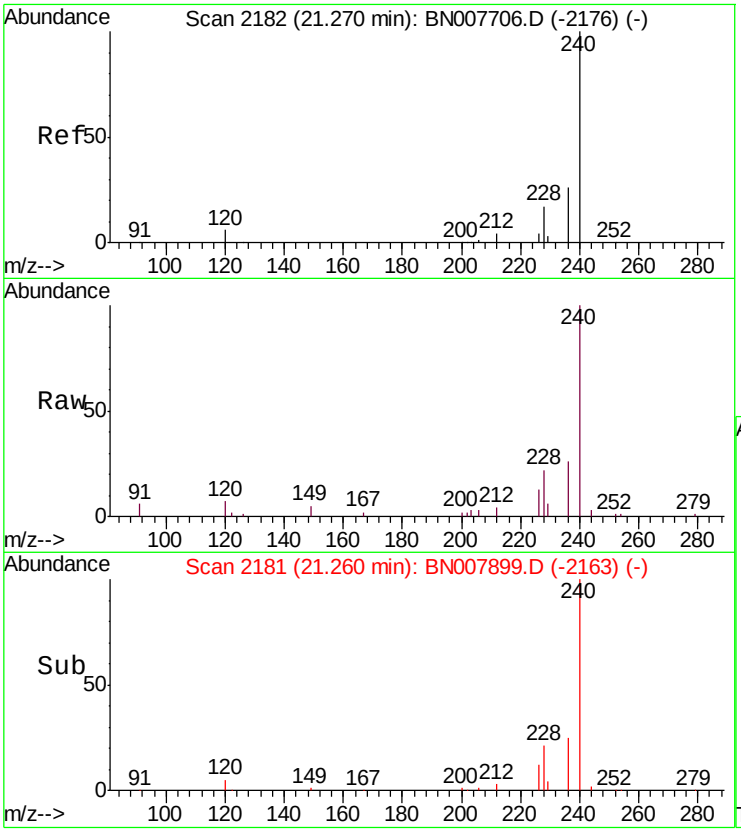


#26
Fluoranthene
Concen: 0.647 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:202 Resp: 114285

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.4	12.6
203	17.4	13.8	20.8



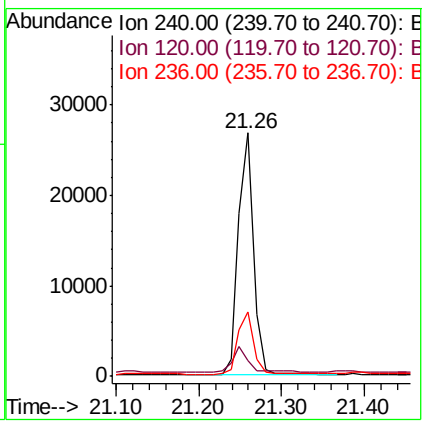


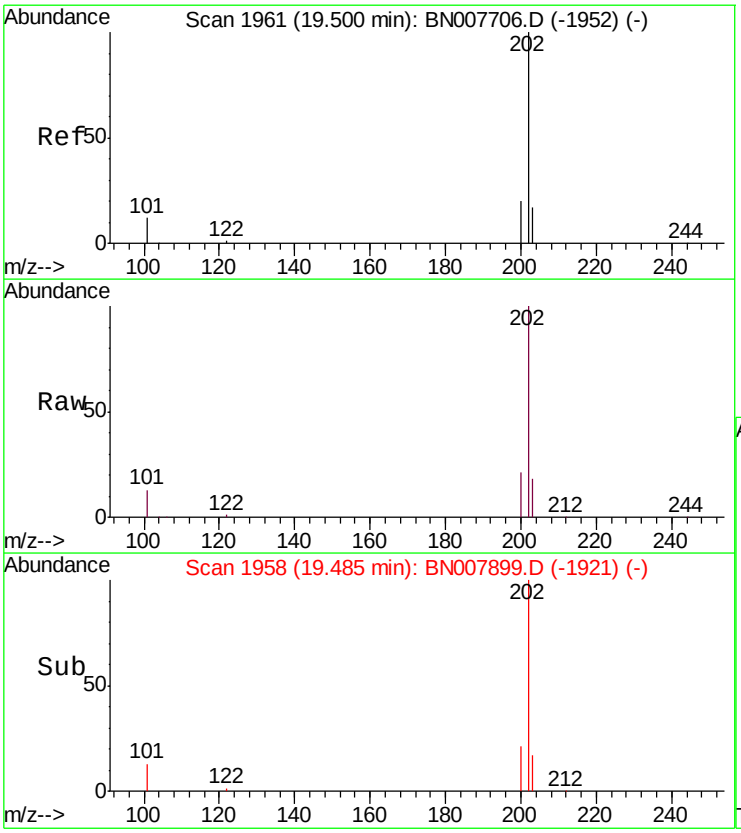
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:240 Resp: 34718

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.4	8.2
236	26.2	21.0	31.4

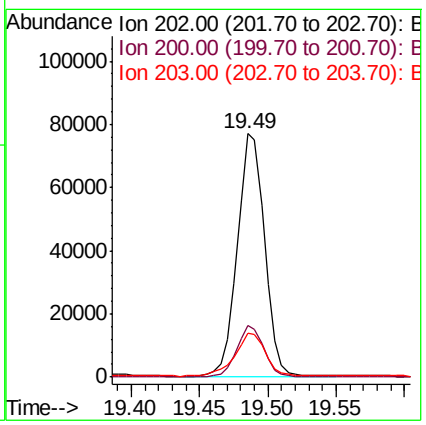


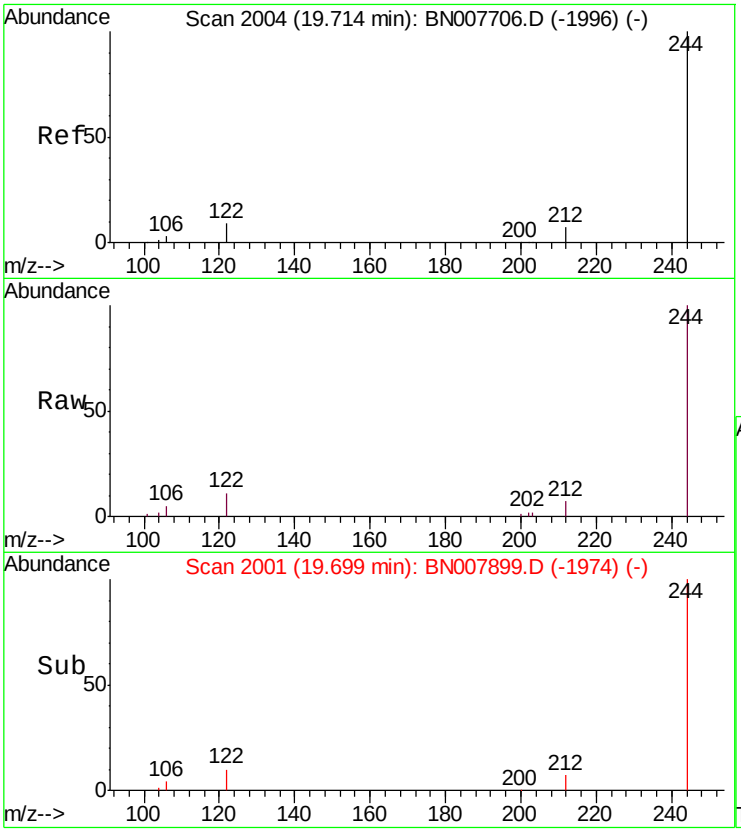


#28
Pyrene
Concen: 0.895 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:202 Resp: 105979

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	19.7	14.1	21.1



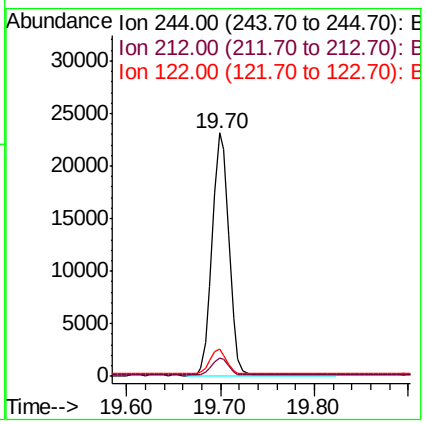


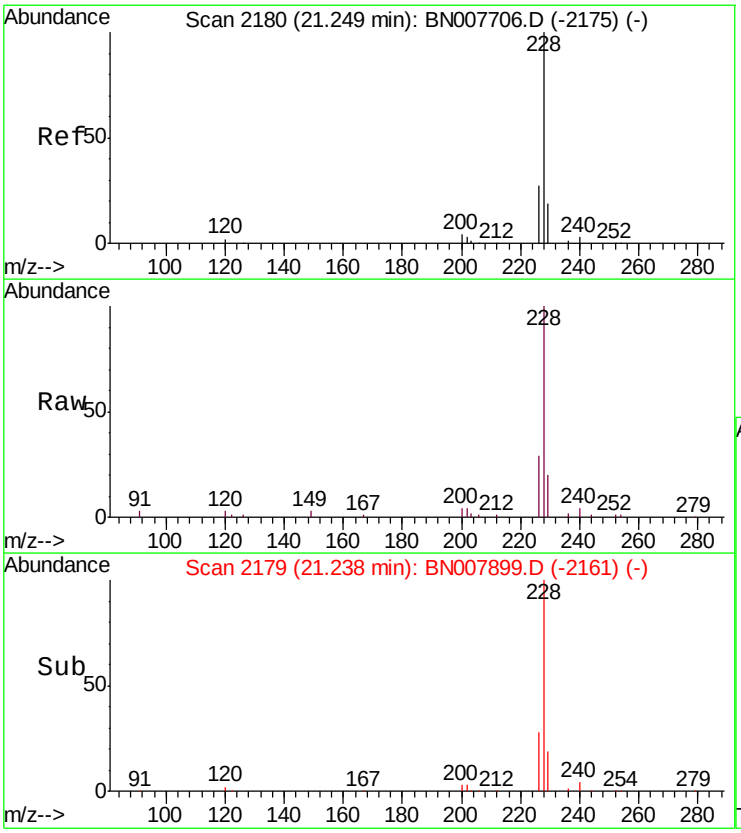
#29
Terphenyl-d14
Concen: 0.335 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:244 Resp: 28590

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.0	7.4	11.2

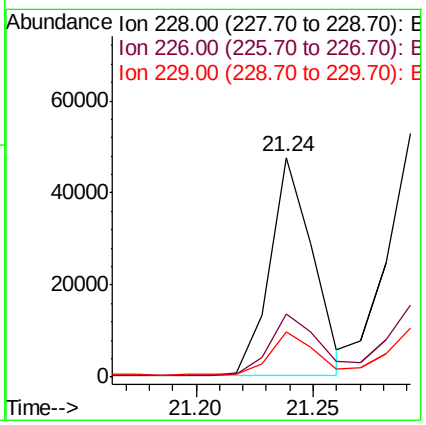


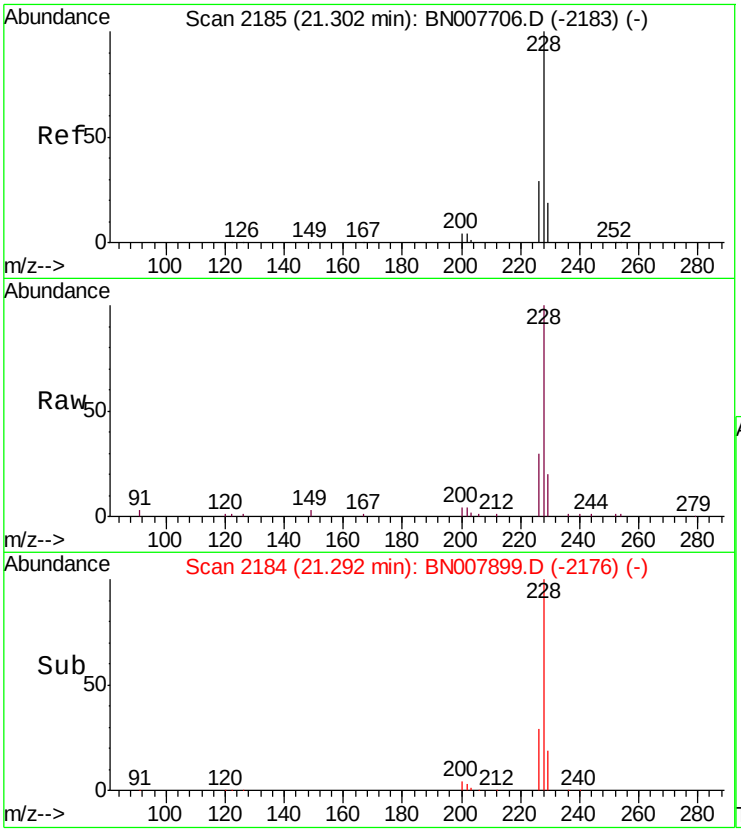


#30
Benzo(a)anthracene
Concen: 0.476 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:228 Resp: 60896

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	20.4	15.8	23.6



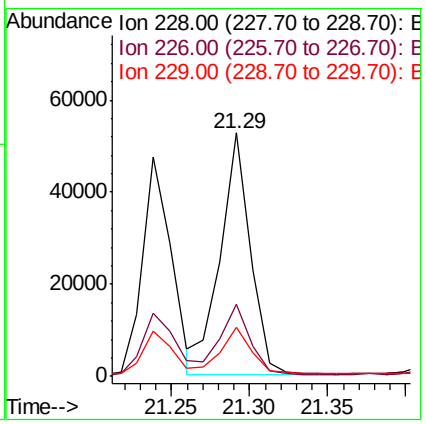


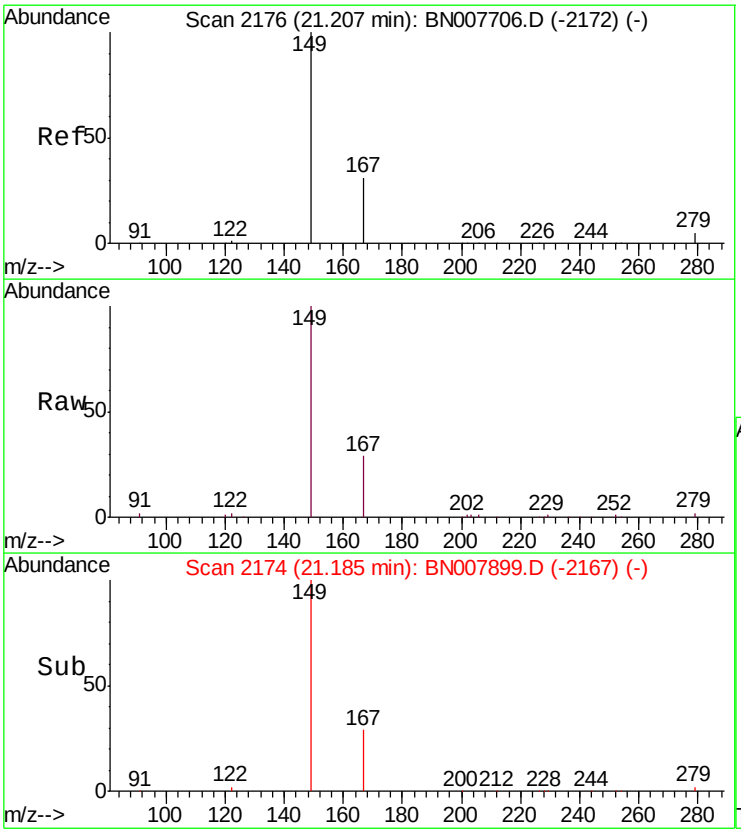
#31
Chrysene
Concen: 0.559 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:228 Resp: 69708

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	20.3	15.8	23.6

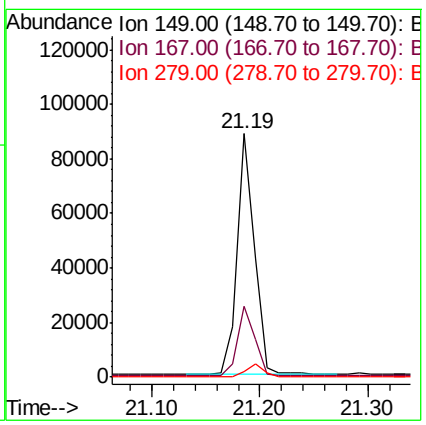


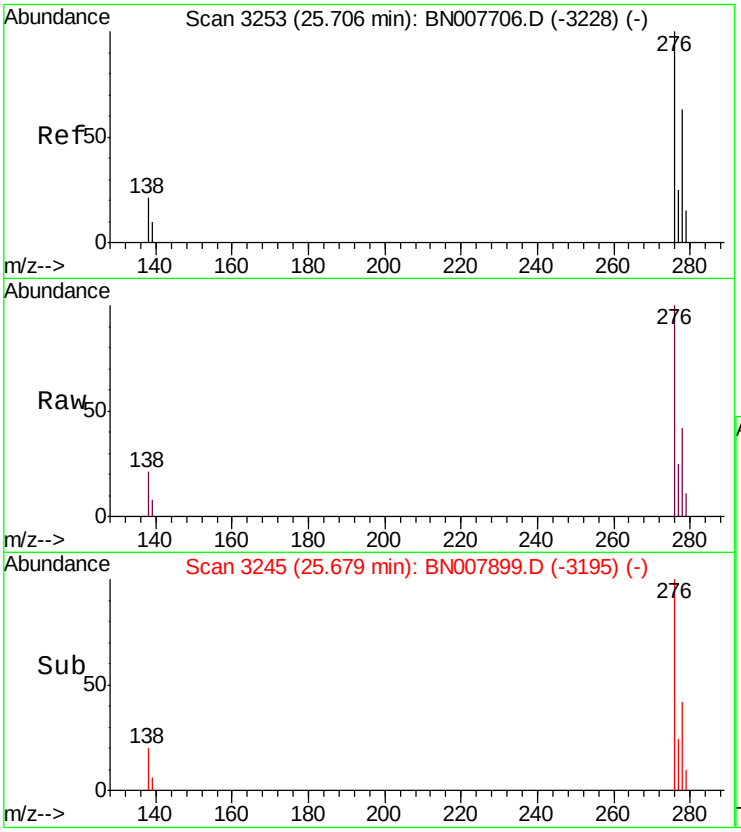


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.467 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:149 Resp: 96479

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.7	35.5
279	5.1	4.2	6.2



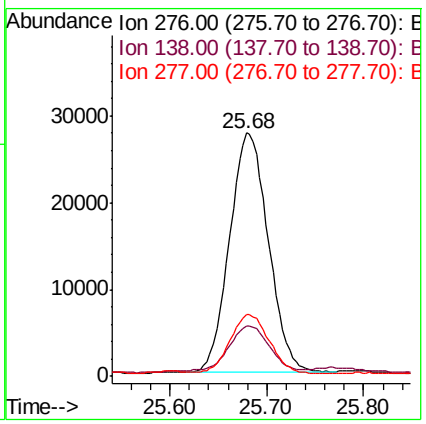


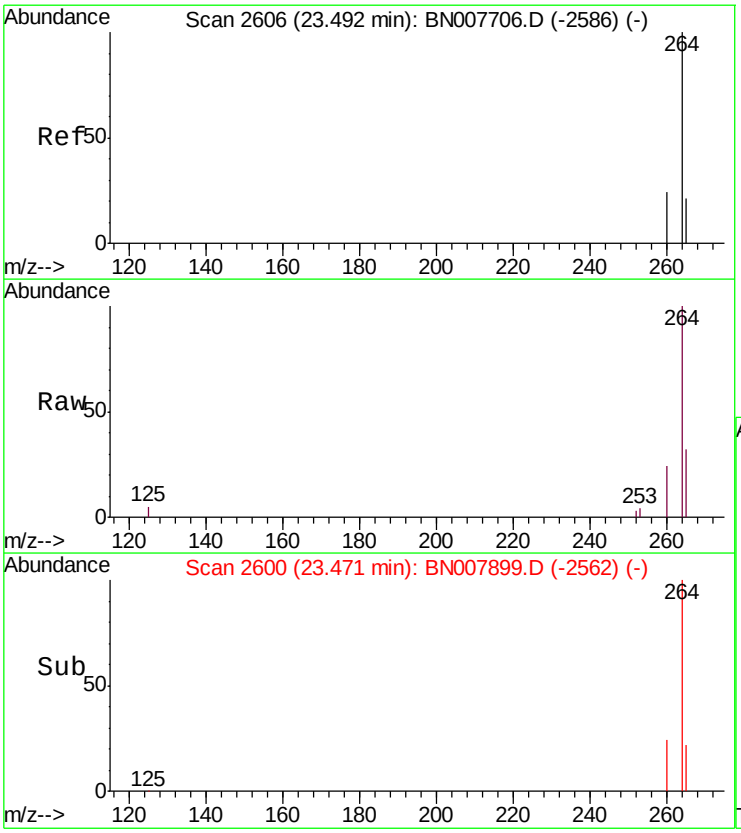
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.494 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.03 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:276 Resp: 77133

Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.1	25.7
277	24.5	20.0	30.0

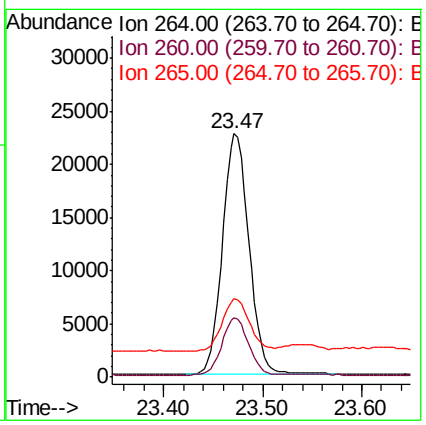


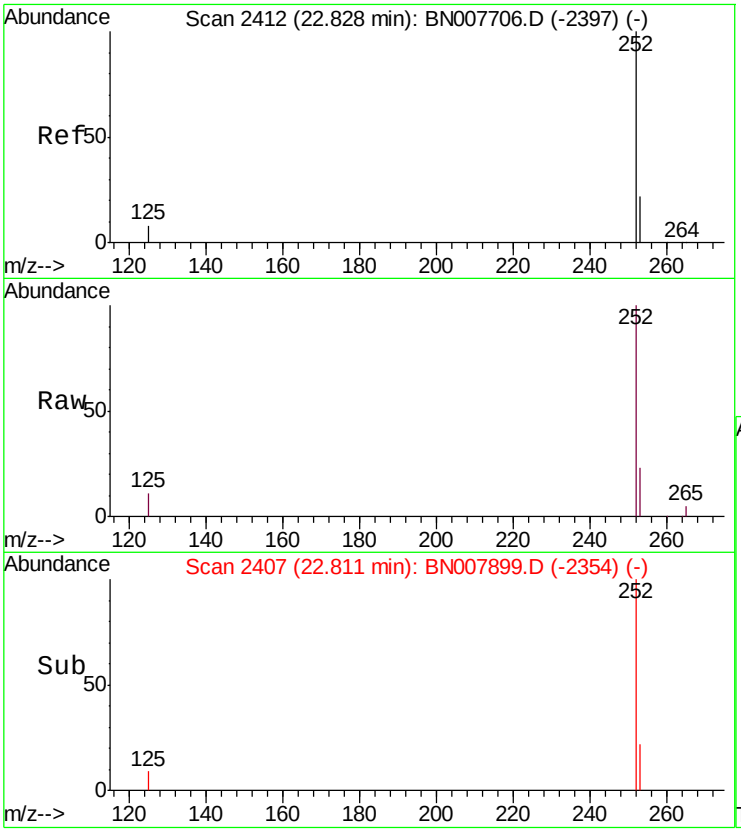


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:264 Resp: 42119

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	32.3	26.9	40.3



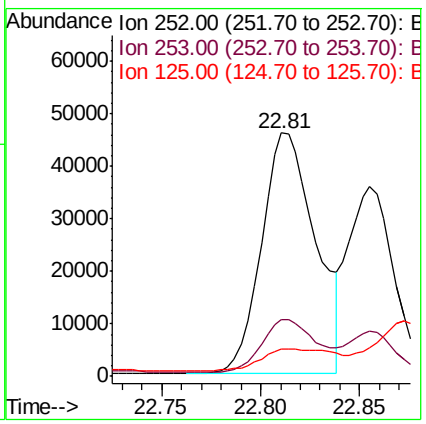


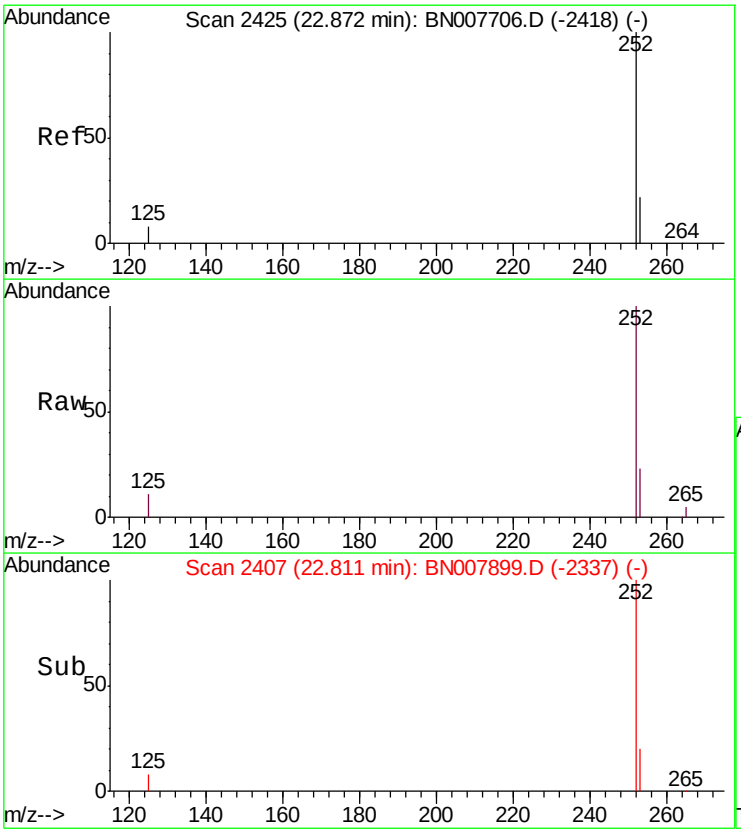
#35
Benzo(b)fluoranthene
Concen: 0.592 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:252 Resp: 86632

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	11.2	8.2	12.4

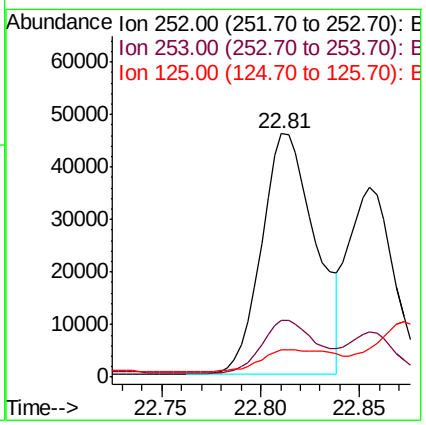


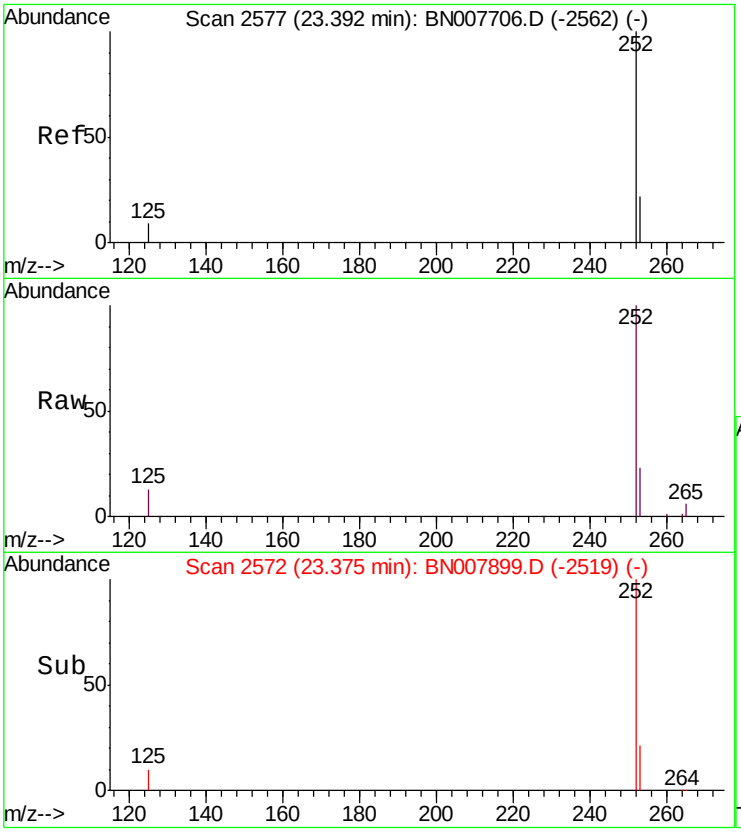


#36
Benzo(k)fluoranthene
Concen: 0.599 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.06 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:252 Resp: 86632

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	11.2	8.4	12.6



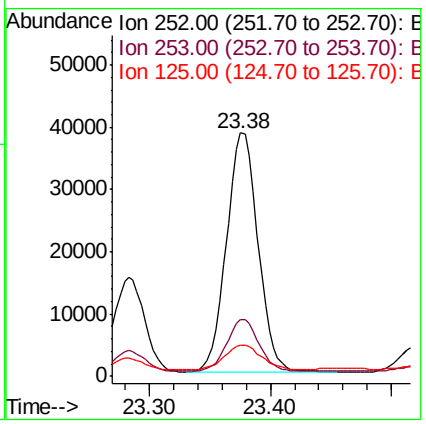


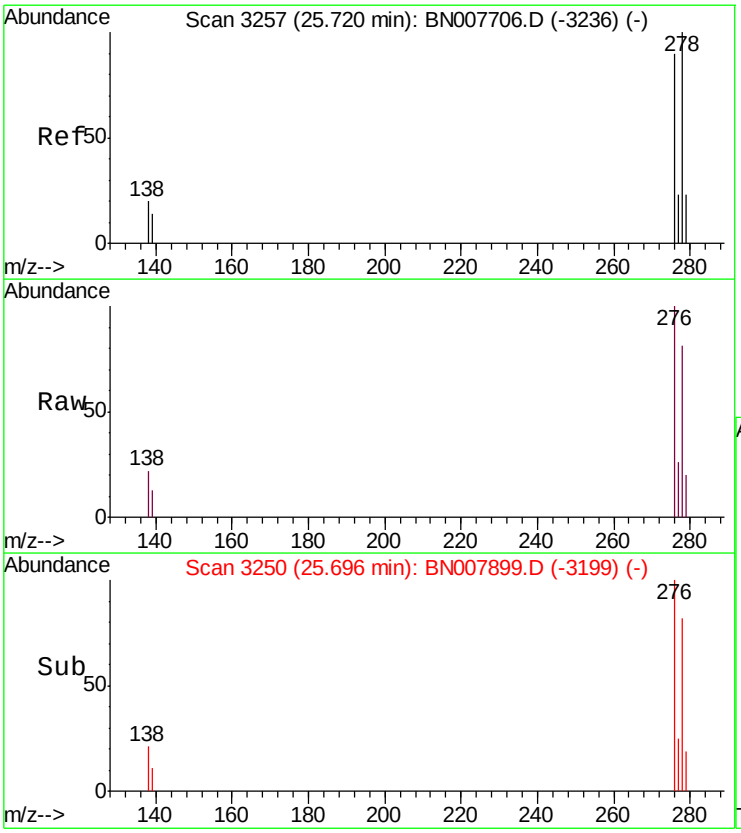
#37
Benzo(a)pyrene
Concen: 0.507 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.02 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:252 Resp: 69664

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	12.9	9.4	14.0

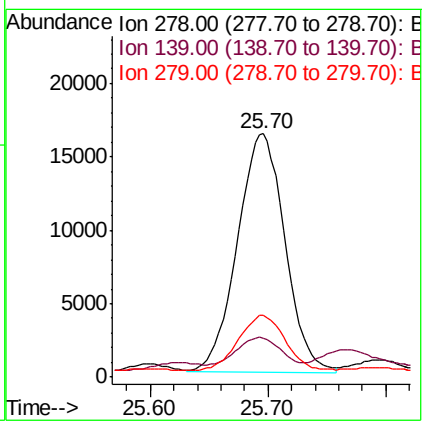


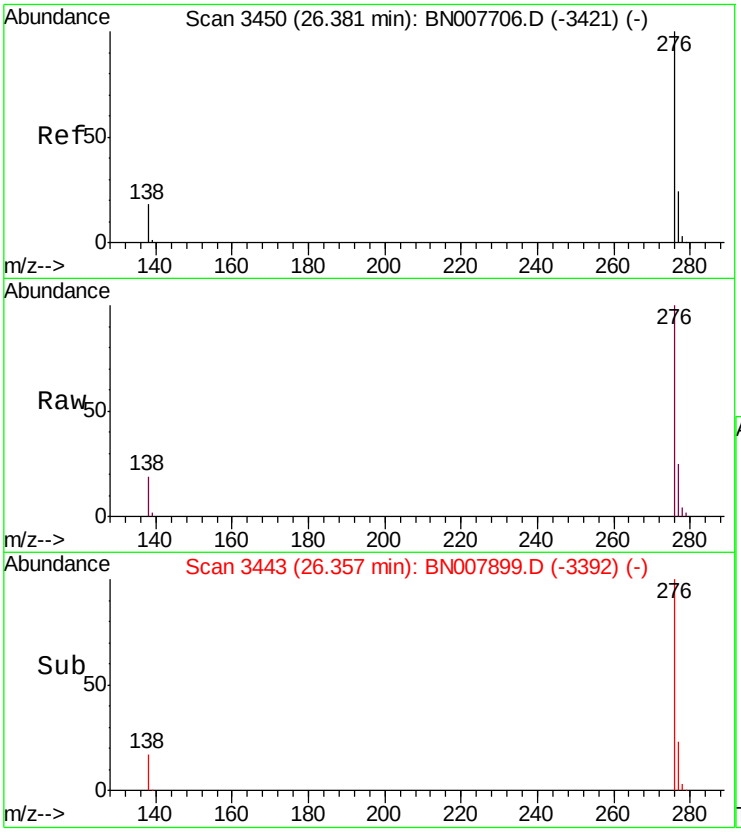


#38
Dibenzo(a,h)anthracene
Concen: 0.324 ng
RT: 25.70 min Scan# 3250
Delta R.T. -0.02 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Tgt Ion:278 Resp: 45489

Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.8	17.6
279	25.2	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.516 ng
RT: 26.36 min Scan# 3443
Delta R.T. -0.02 min
Lab File: BN007899.D
Acq: 30 Sep 2019 16:30

Instrument :
BNA_N
ClientSampleId :
PST-024-SW138-092519MS

Tgt Ion:276 Resp: 71728

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.8
138	19.3	15.1	22.7