Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004885.D
Acq On : 22 Mar 2019 12:27
Operator : JU/SJ
Sample : K2013-19MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-026-SW035-031819MSD

Quant Time: Mar 22 22:22:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2367	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	11222	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	6787	0.40	ng		-0.01
19) Phenanthrene-d10	17.09	188	16625	0.40	ng		0.00
27) Chrysene-d12	21.29	240	21715	0.40	ng		0.00
34) Perylene-d12	23.54	264	21923	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	2242	0.35	ng		0.00
5) Phenol-d6	6.87	99	2988	0.37	ng		0.00
8) Nitrobenzene-d5	8.86	82	2173	0.29	ng		-0.01
11) 2-Methylnaphthalene-d10	12.07	152	5913	0.30	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	1270	0.27	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	8598	0.31	ng		-0.01
25) Fluoranthene-d10	19.13	212	16034	0.29	ng		0.00
29) Terphenyl-d14	19.72	244	12620	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	546	0.203	ng	#	30
3) n-Nitrosodimethylamine	3.57	42	406	0.255	ng		83
6) bis(2-Chloroethyl)ether	7.13	93	2317	0.321	ng		99
9) Naphthalene	10.53	128	9859	0.313	ng		99
10) Hexachlorobutadiene	10.80	225	1635	0.272	ng	#	99
12) 2-Methylnaphthalene	12.15	142	7355	0.315	ng		100
16) Acenaphthylene	14.05	152	11503	0.329	ng		100
17) Acenaphthene	14.40	154	7023	0.307	ng		99
18) Fluorene	15.39	166	9618	0.301	ng		99
20) 4-Bromophenyl-phenylether	16.28	248	3147	0.290	ng	#	88
21) Hexachlorobenzene	16.39	284	3462	0.278	ng		96
22) Pentachlorophenol	16.75	266	1537	0.632	ng		97
23) Phenanthrene	17.13	178	19947	0.372	ng		99
24) Anthracene	17.22	178	15019	0.313	ng		99
26) Fluoranthene	19.16	202	26265	0.381	ng		99
28) Pyrene	19.52	202	28323	0.428	ng		99
30) Benzo(a)anthracene	21.27	228	25575	0.359	ng		97
31) Chrysene	21.32	228	25246	0.337	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	13489	0.474	ng		99
33) Indeno(1,2,3-cd)pyrene	25.81	276	24535	0.226	ng		98
35) Benzo(b)fluoranthene	22.90	252	24262	0.306	ng		97
36) Benzo(k)fluoranthene	22.90	252	24345	0.312	ng	#	97
37) Benzo(a)pyrene	23.44	252	23815	0.327	ng		98
38) Dibenzo(a,h)anthracene	25.82	278	19324	0.229	ng	#	95
39) Benzo(g,h,i)perylene	26.51	276	20949	0.244	ng		98

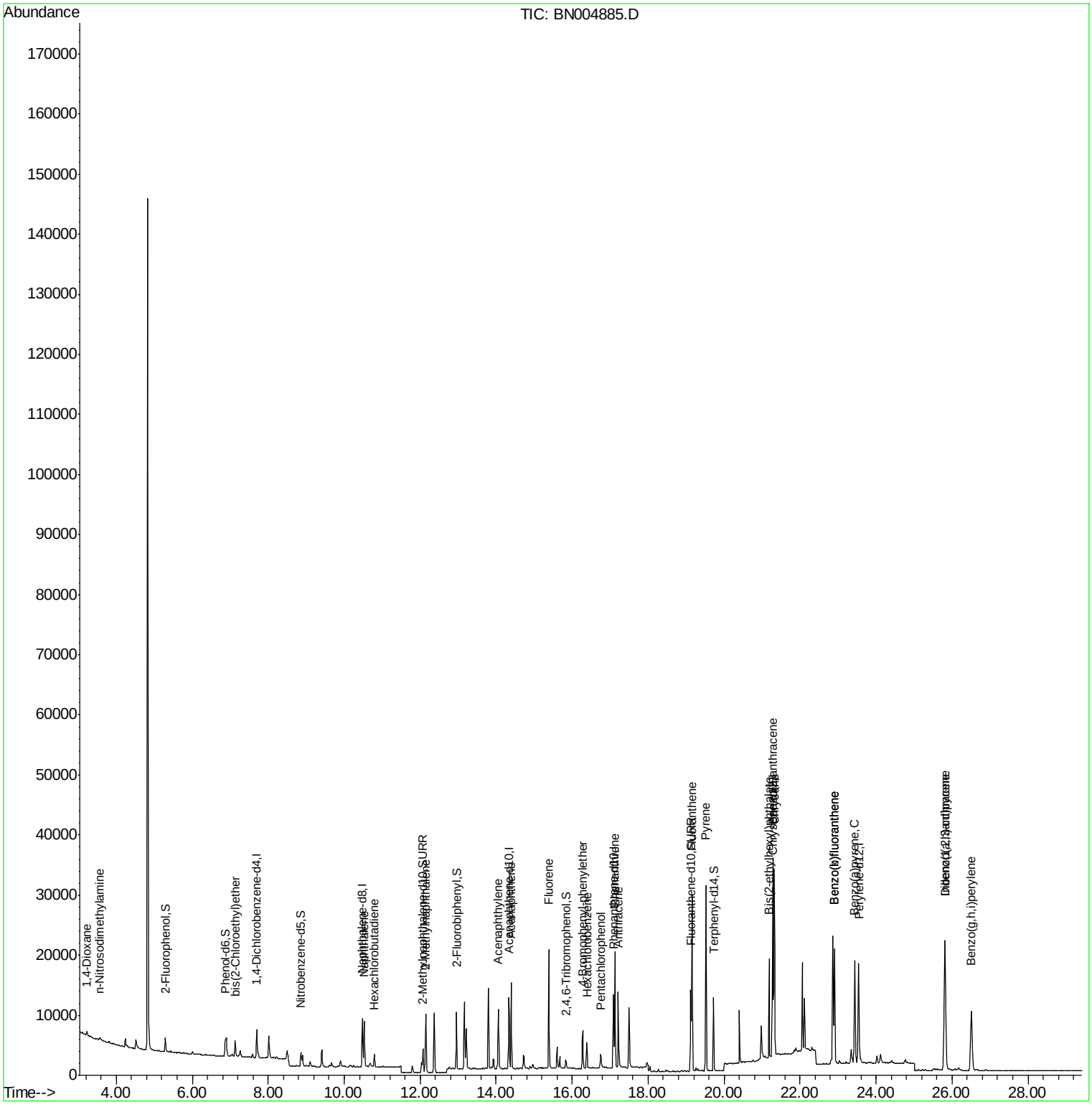
(#) = qualifier out of range (m) = manual integration (+) = signals summed

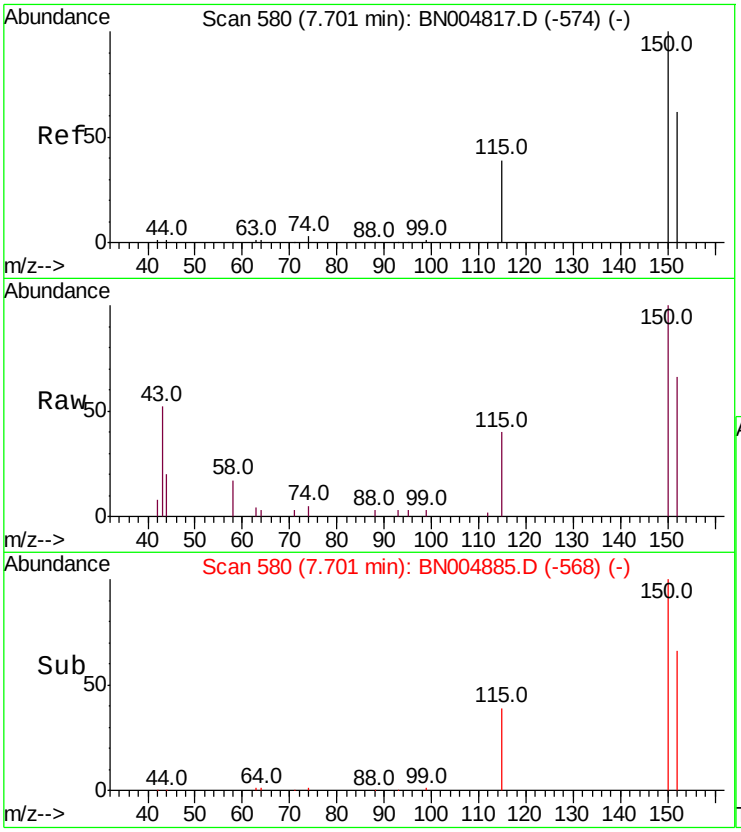
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004885.D
Acq On : 22 Mar 2019 12:27
Operator : JU/SJ
Sample : K2013-19MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Quant Time: Mar 22 22:18:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration



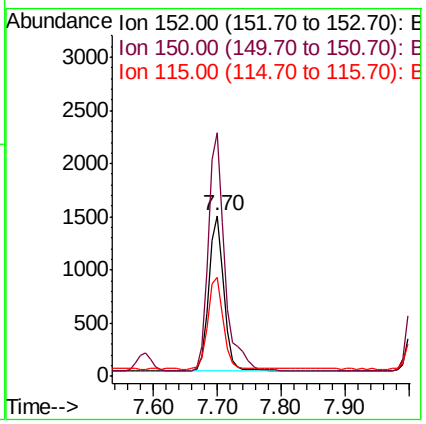


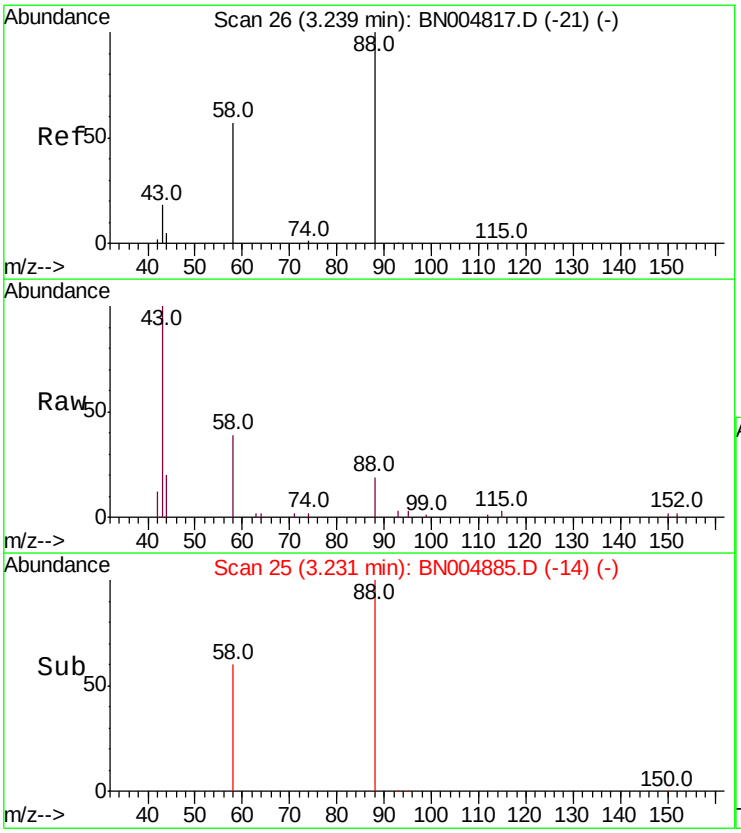
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:152 Resp: 2367

Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.2	189.4
115	61.3	52.6	79.0

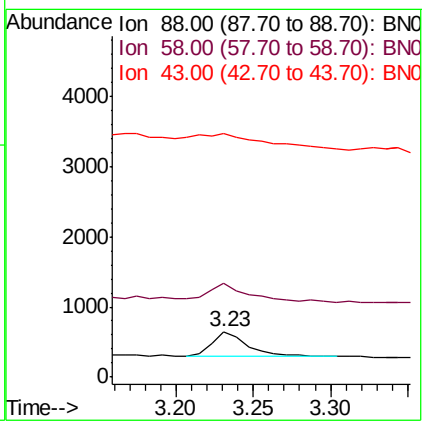


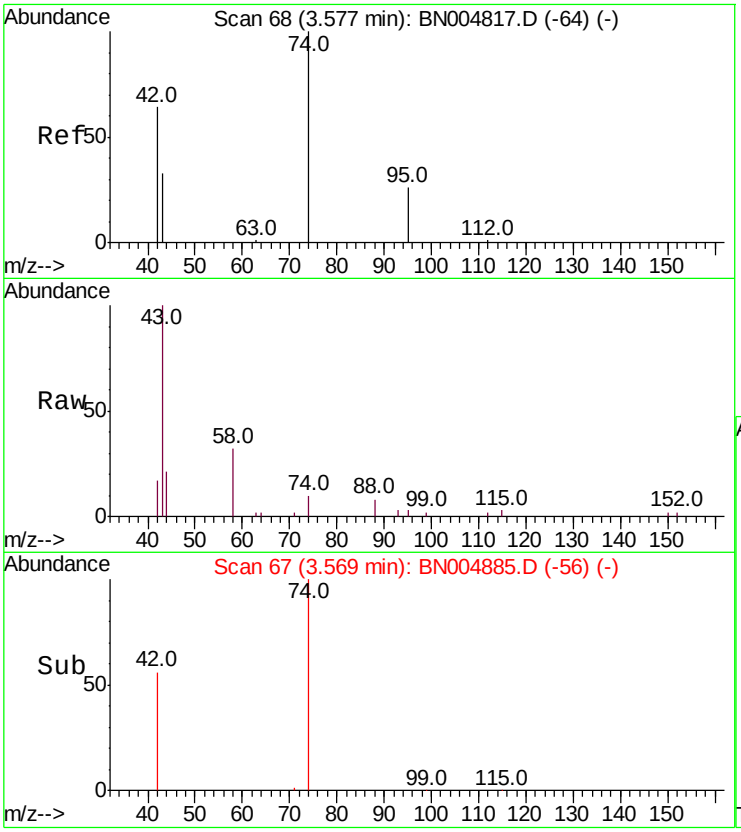


#2
1,4-Dioxane
Concen: 0.203 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion: 88 Resp: 546

Ion	Ratio	Lower	Upper
88	100		
58	92.7	51.4	77.2#
43	103.5	20.0	30.0#



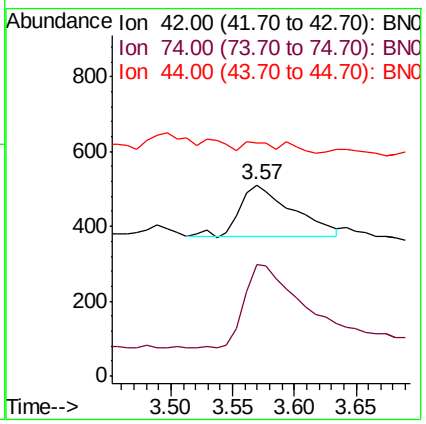


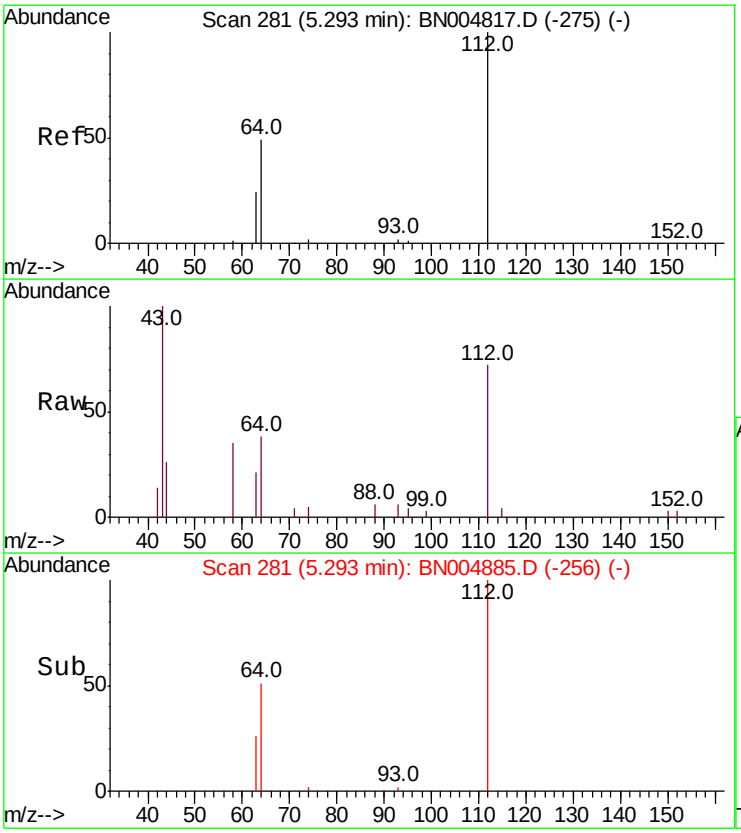
#3
n-Nitrosodimethylamine
Concen: 0.255 ng
RT: 3.57 min Scan# 67
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion: 42 Resp: 406

Ion	Ratio	Lower	Upper
42	100		
74	183.3	128.4	192.6
44	8.9	6.1	9.1

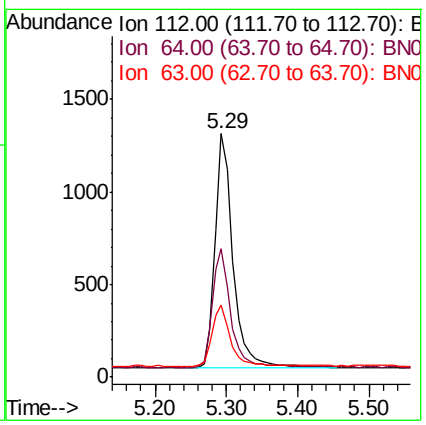


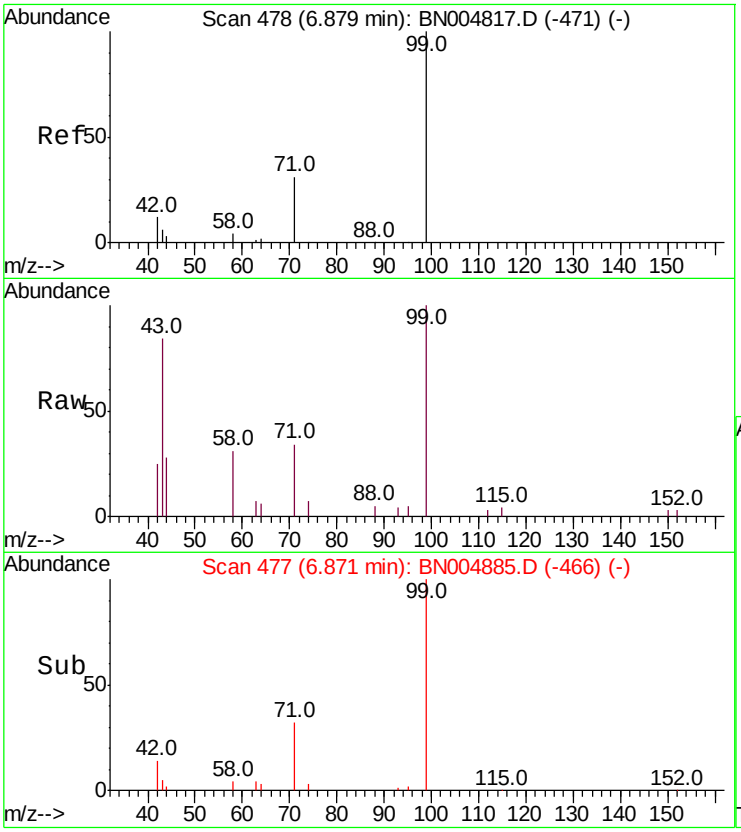


#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:112 Resp: 2242

Ion	Ratio	Lower	Upper
112	100		
64	50.8	40.0	60.0
63	26.5	20.2	30.2



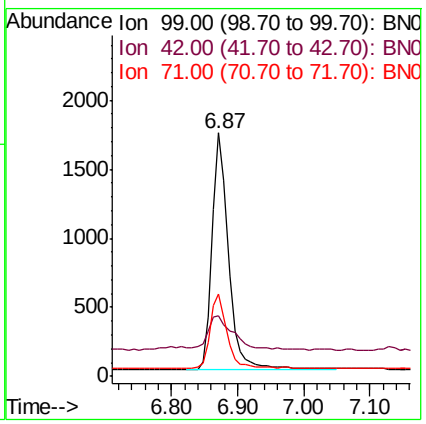


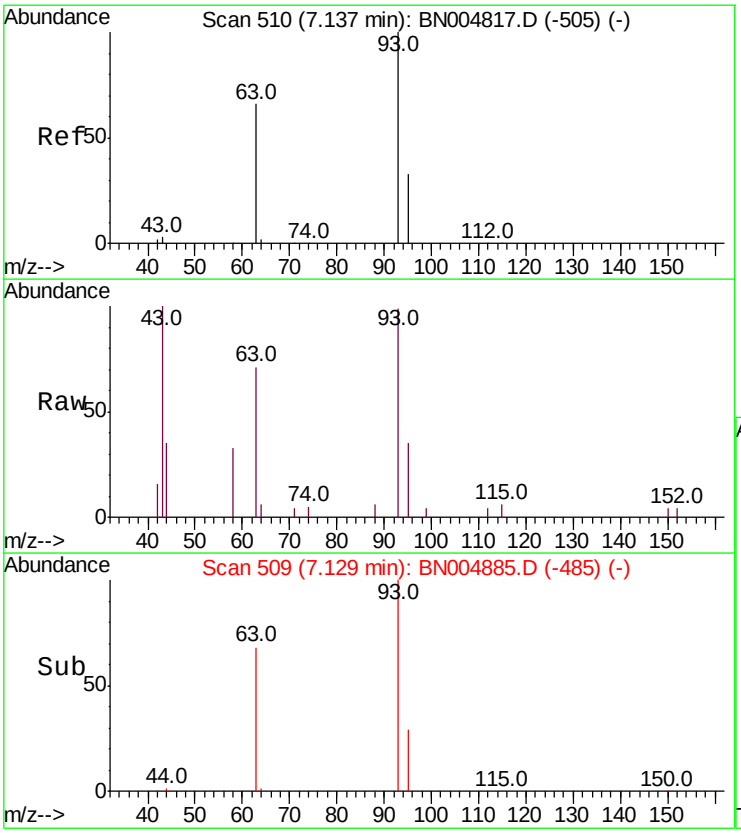
#5
Phenol-d6
Concen: 0.373 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion: 99 Resp: 2988

Ion	Ratio	Lower	Upper
99	100		
42	21.3	12.7	19.1#
71	31.2	26.6	40.0

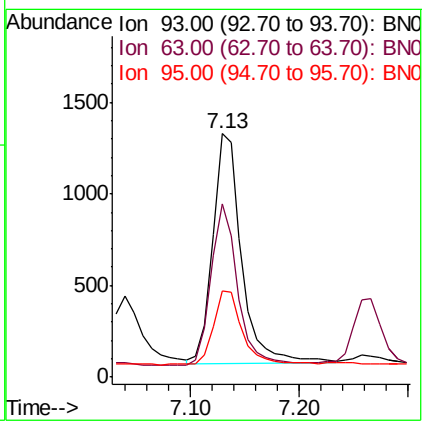


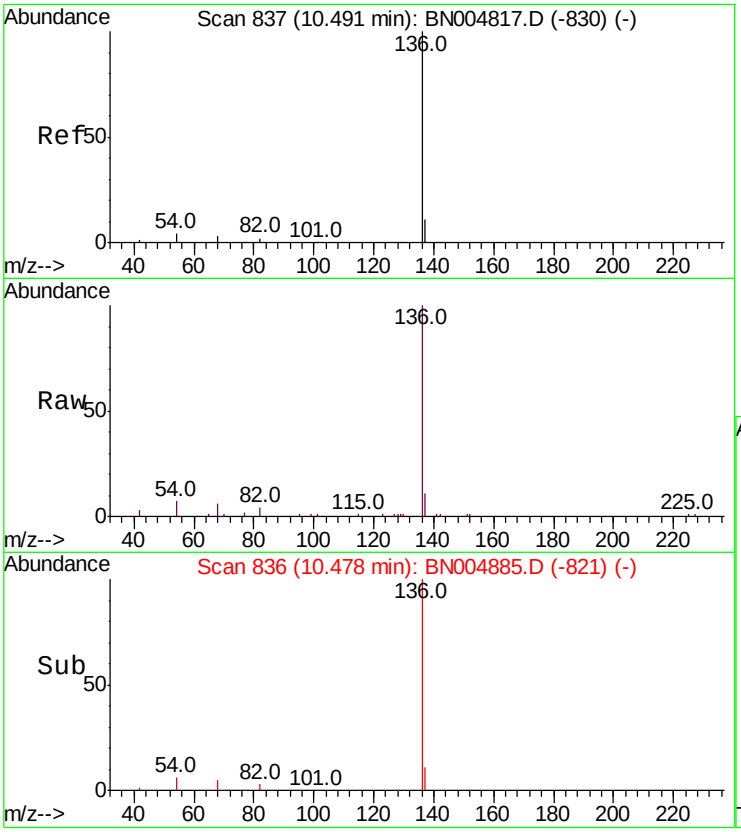


#6
bis(2-Chloroethyl)ether
Concen: 0.321 ng
RT: 7.13 min Scan# 509
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion: 93 Resp: 2317

Ion	Ratio	Lower	Upper
93	100		
63	66.3	52.6	78.8
95	32.2	25.9	38.9



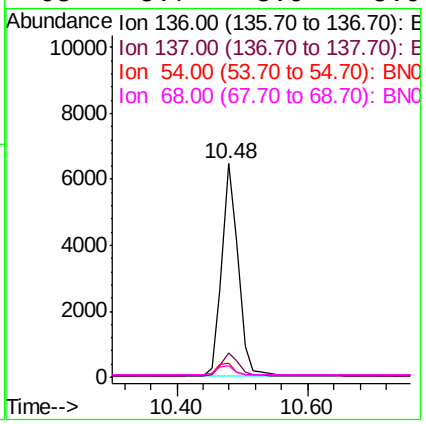


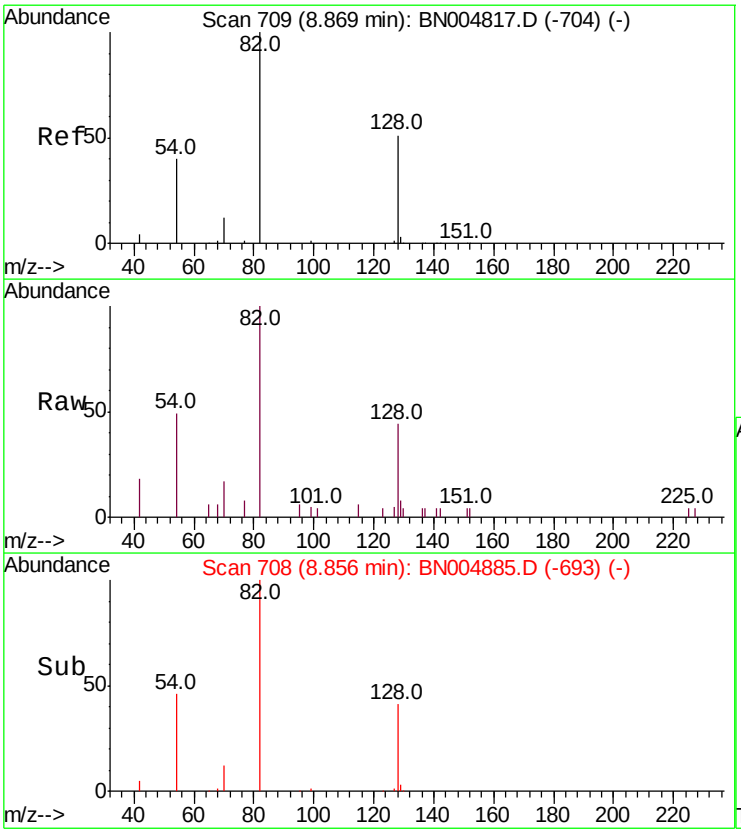
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:136 Resp: 11222

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	6.5	4.2	6.2#
68	5.7	3.9	5.9

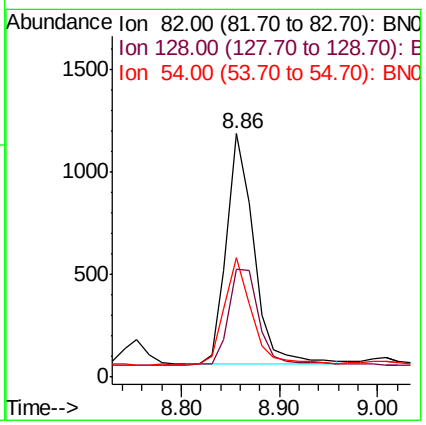


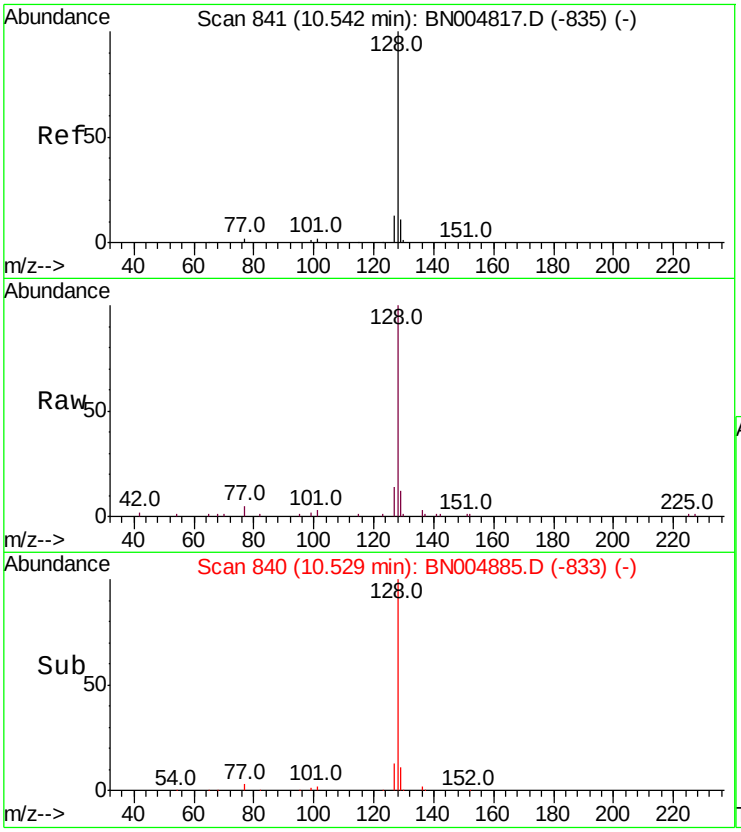


#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 8.86 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion: 82 Resp: 2173

Ion	Ratio	Lower	Upper
82	100		
128	44.2	43.0	64.6
54	49.2	35.3	52.9



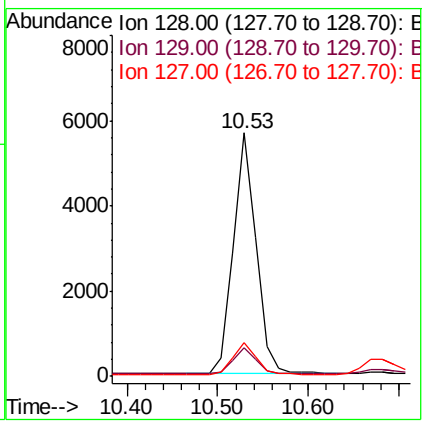


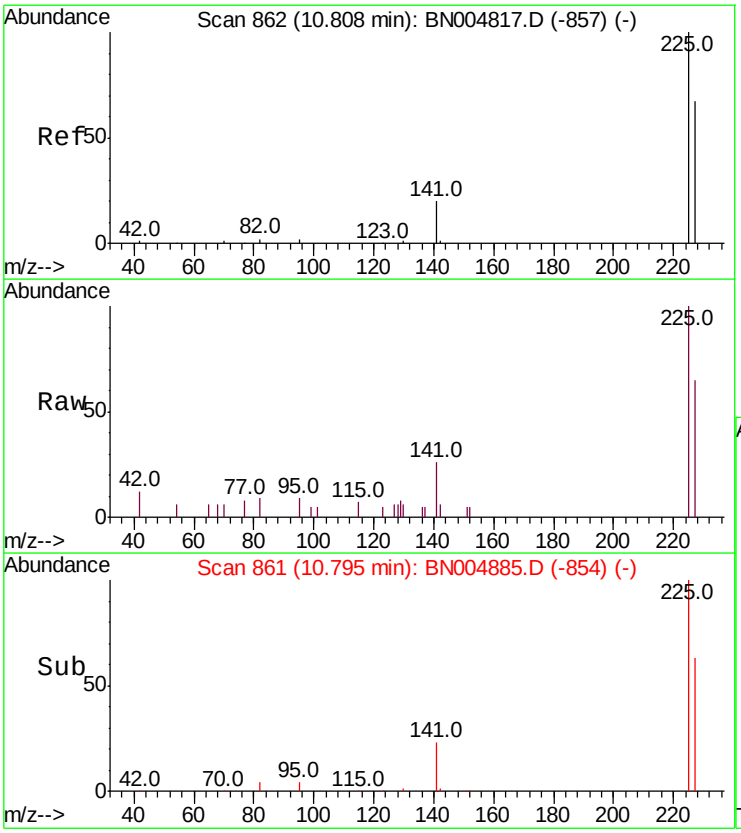
#9
Naphthalene
Concen: 0.313 ng
RT: 10.53 min Scan# 840
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:128 Resp: 9859

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.9	14.9
127	13.9	11.3	16.9

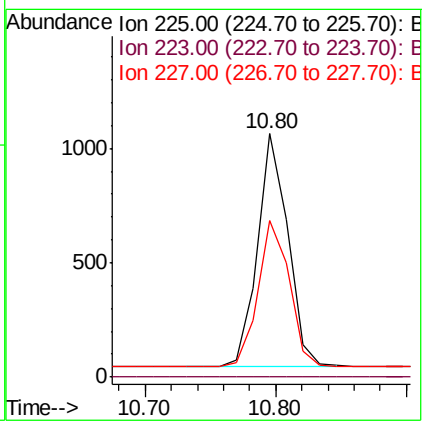


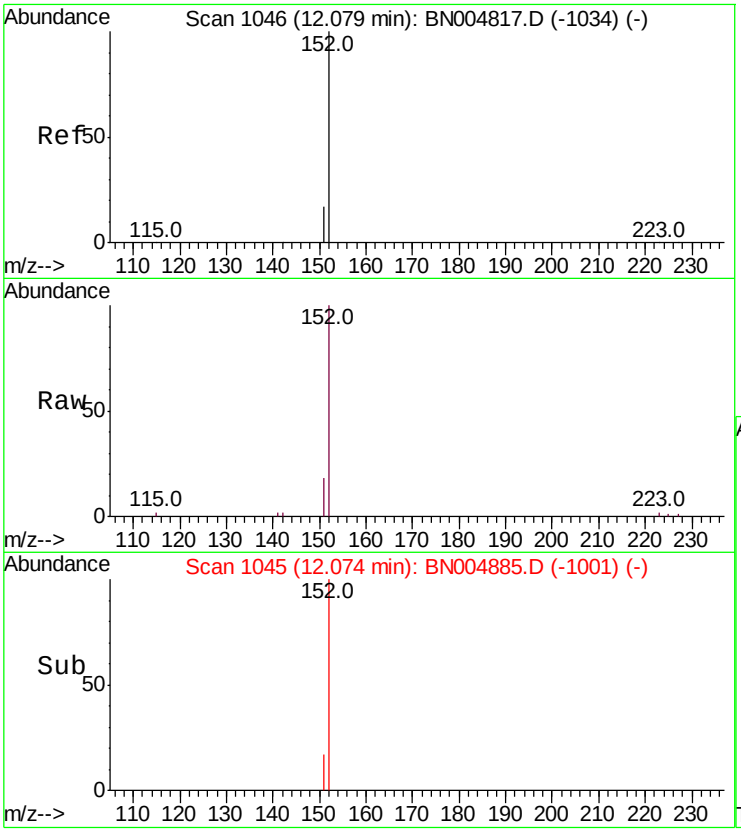


#10
Hexachlorobutadiene
Concen: 0.272 ng
RT: 10.80 min Scan# 861
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:225 Resp: 1635

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	52.2	78.4



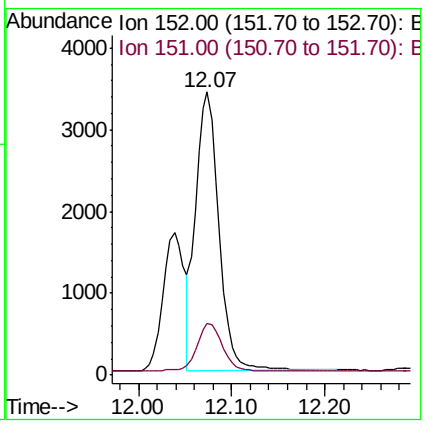


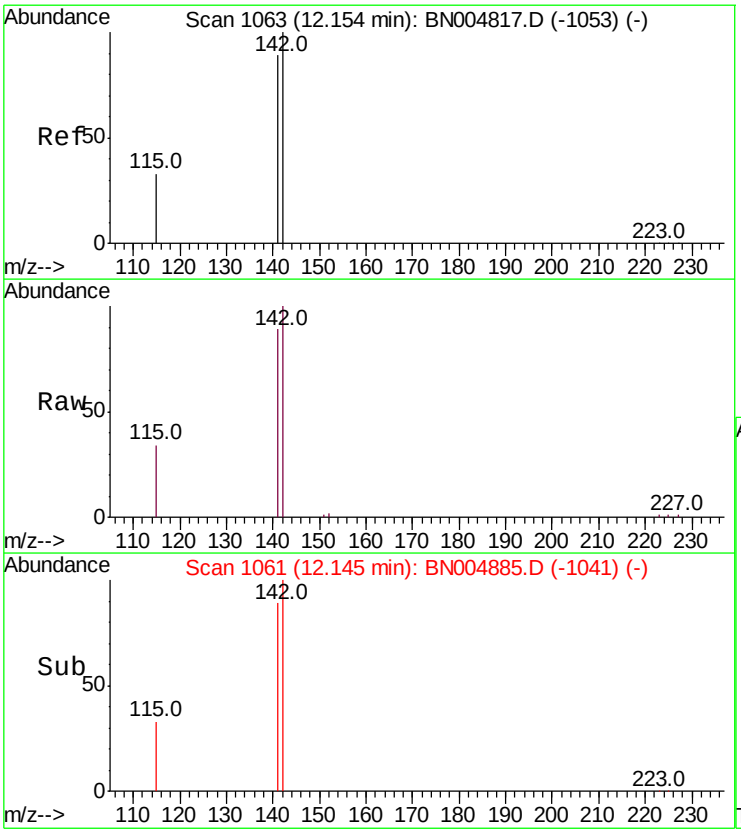
#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:152 Resp: 5913

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3

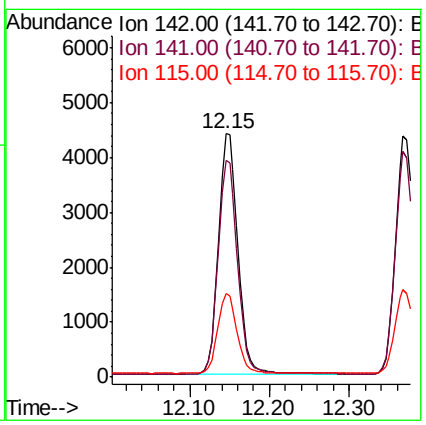


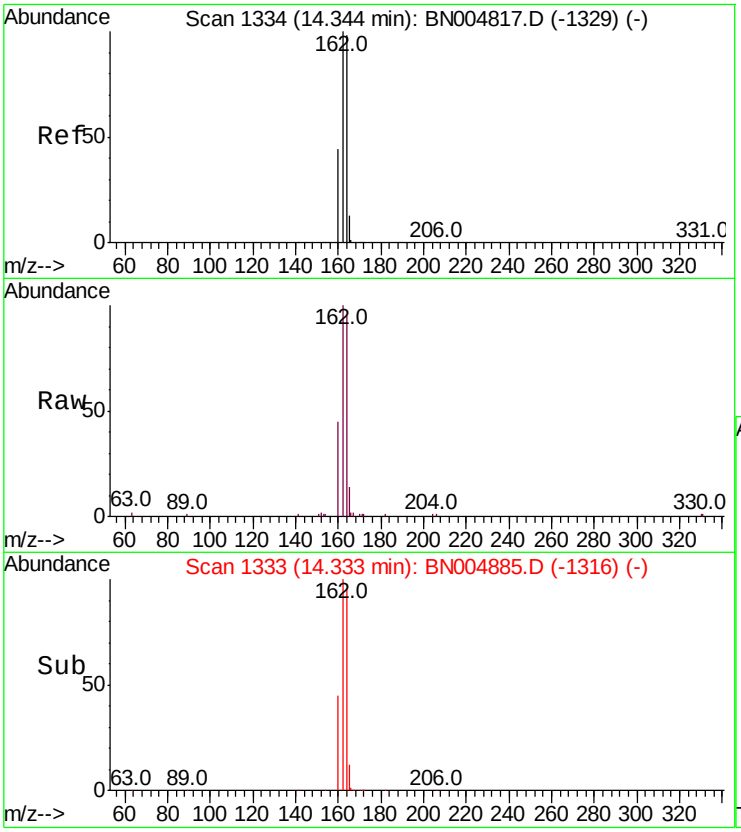


#12
2-Methylnaphthalene
Concen: 0.315 ng
RT: 12.15 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:142 Resp: 7355

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	34.5	27.5	41.3



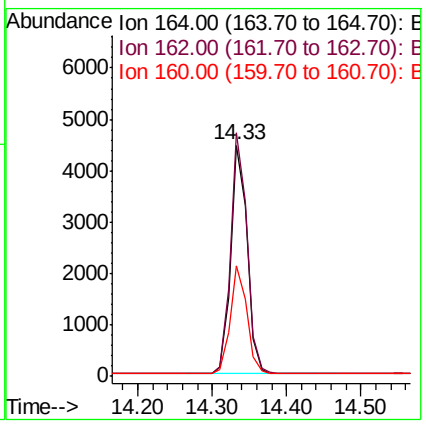


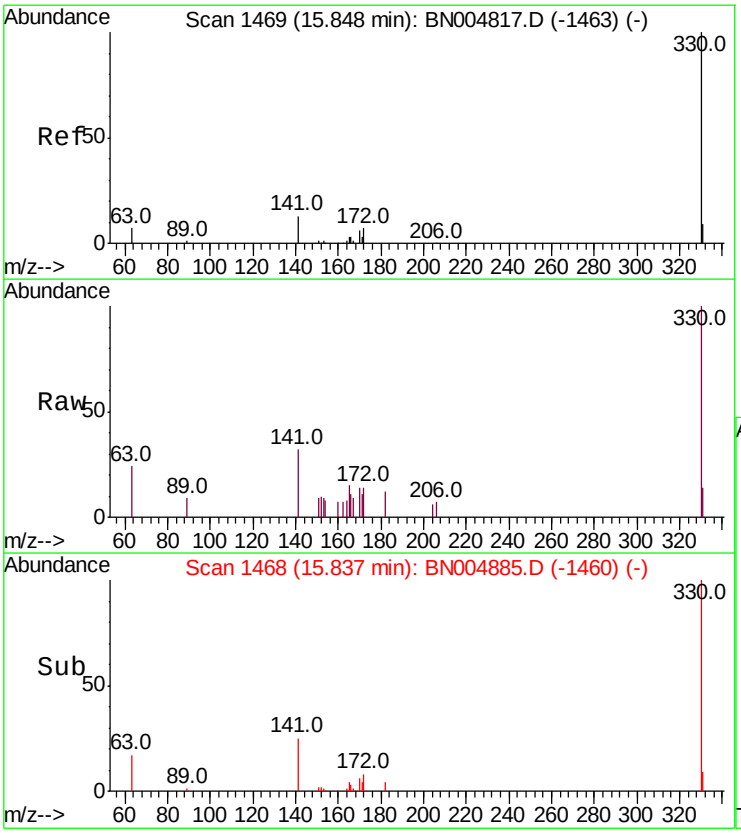
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:164 Resp: 6787

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.9	122.9
160	47.7	36.6	54.8

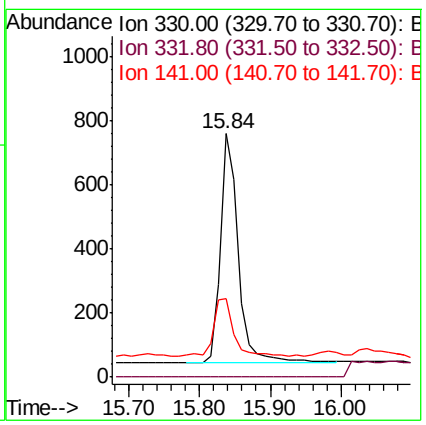


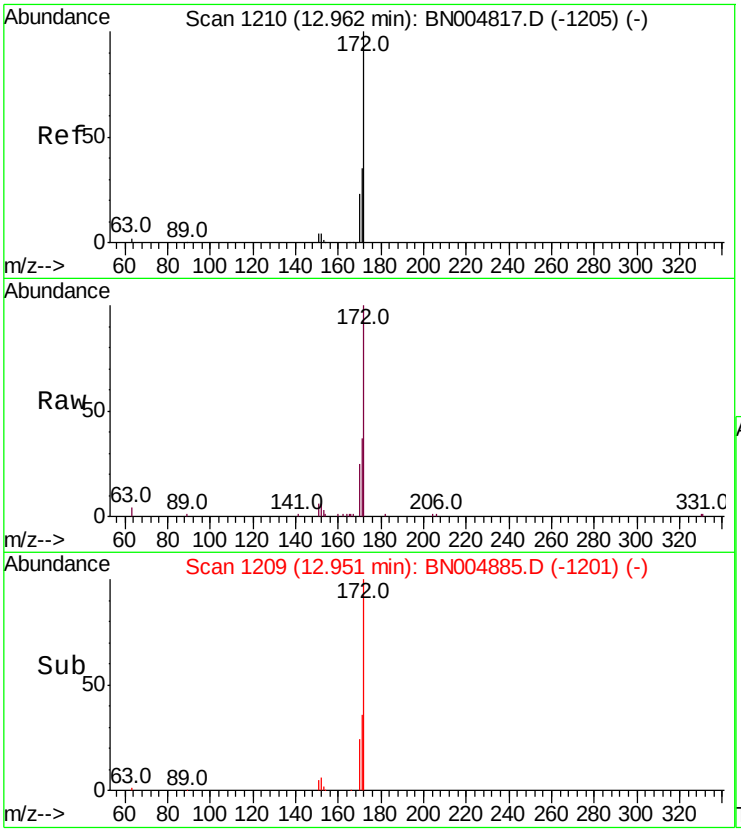


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:330 Resp: 1270

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.2	20.9	31.3



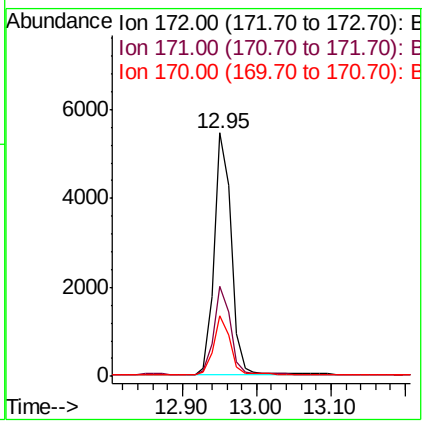


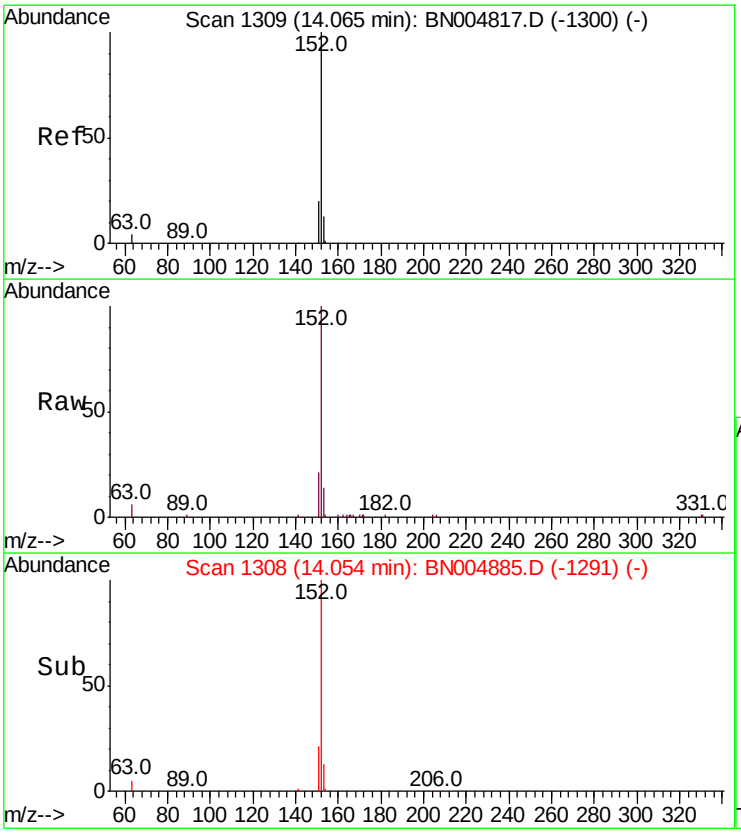
#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:172 Resp: 8598

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.7	43.1
170	24.7	18.7	28.1

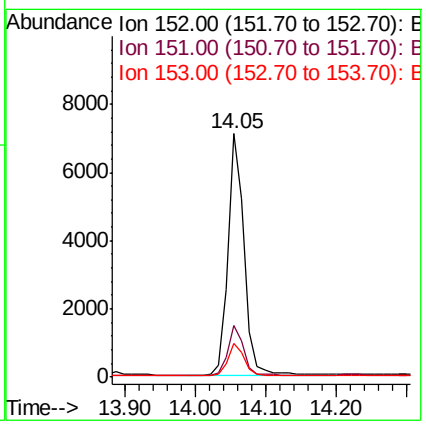


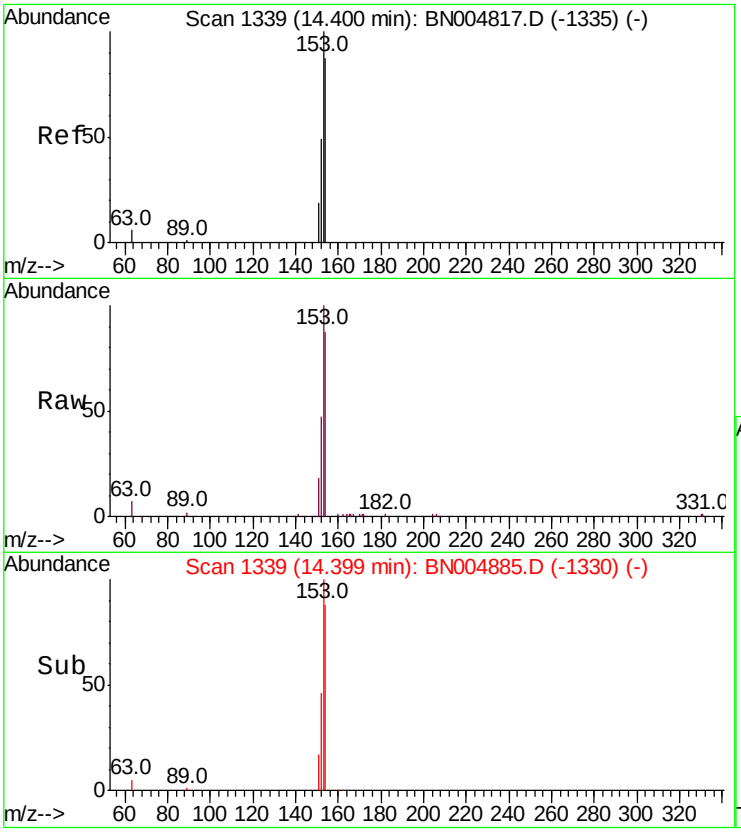


#16
Acenaphthylene
Concen: 0.329 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:152 Resp: 11503

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.2	10.5	15.7



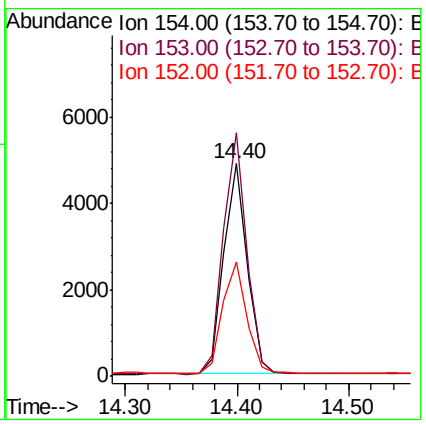


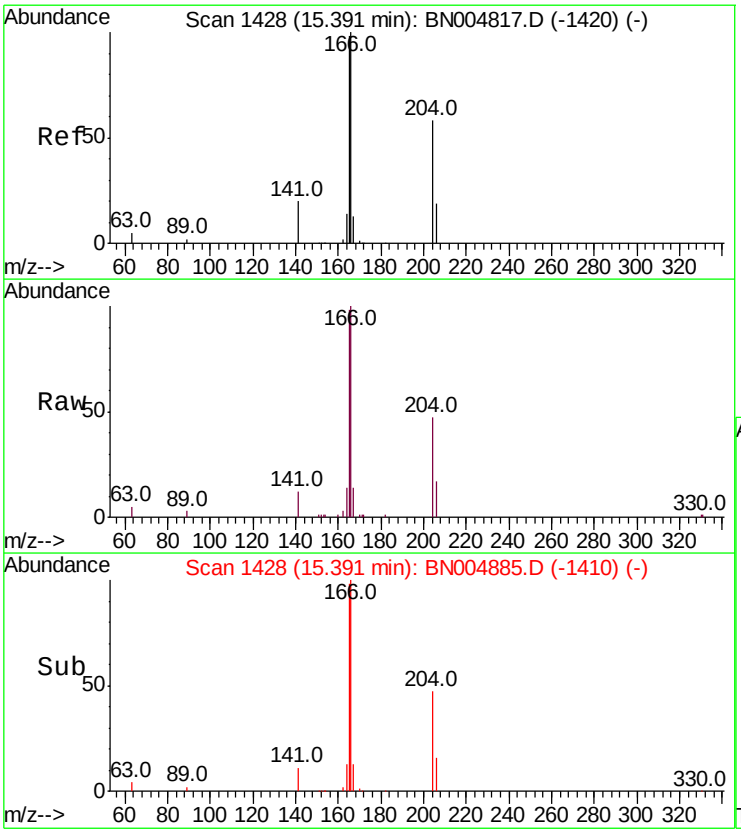
#17
Acenaphthene
Concen: 0.307 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:154 Resp: 7023

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.4	137.2
152	55.4	44.2	66.2

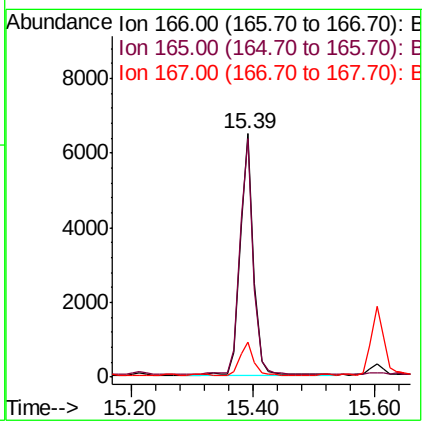


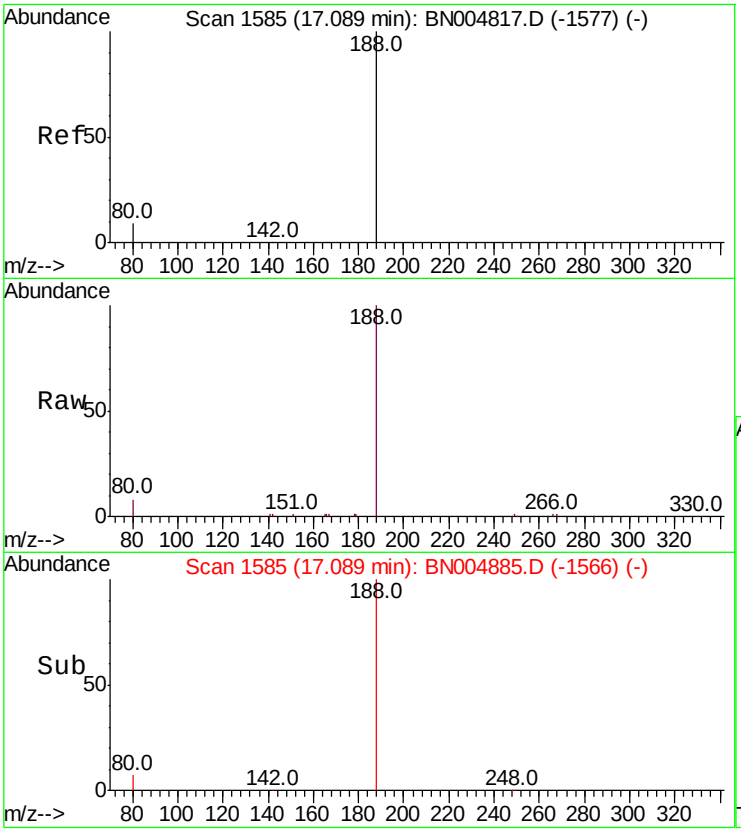


#18
Fluorene
Concen: 0.301 ng
RT: 15.39 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:166 Resp: 9618

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.4
167	13.6	11.0	16.4



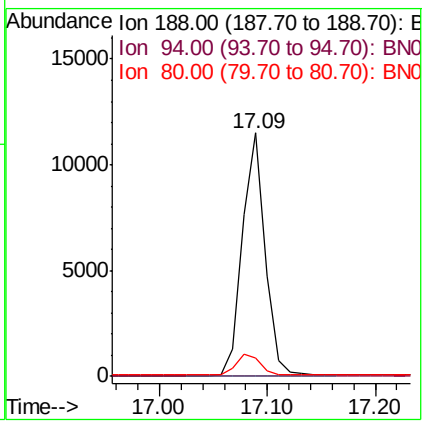


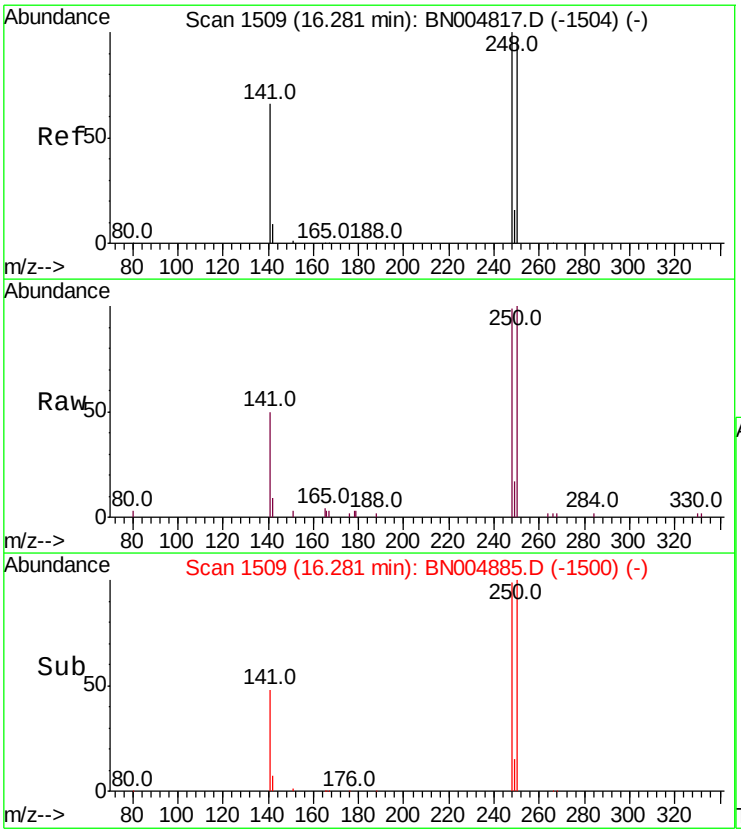
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:188 Resp: 16625

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	7.4	11.2

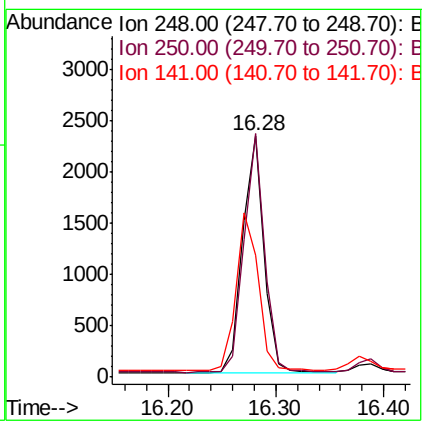


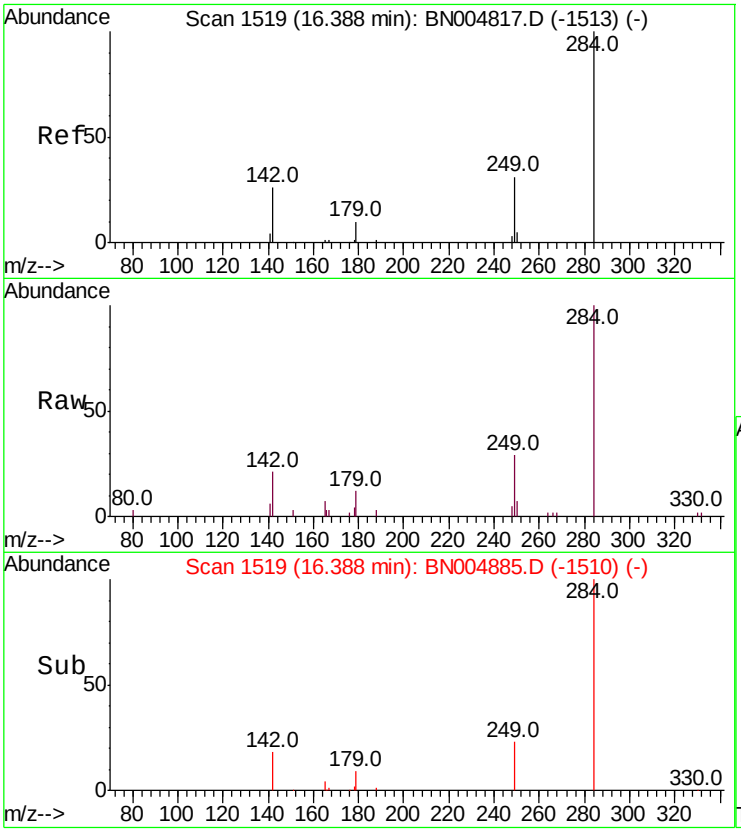


#20
4-Bromophenyl-phenylether
Concen: 0.290 ng
RT: 16.28 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:248 Resp: 3147

Ion	Ratio	Lower	Upper
248	100		
250	100.9	76.2	114.4
141	50.7	53.9	80.9#



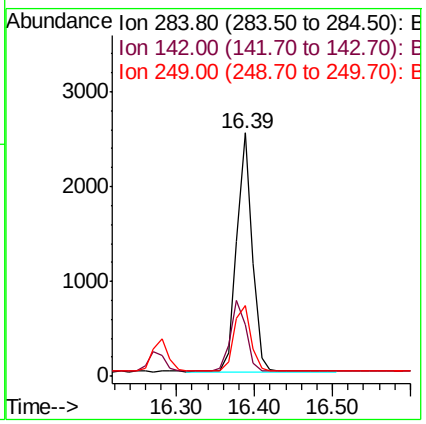


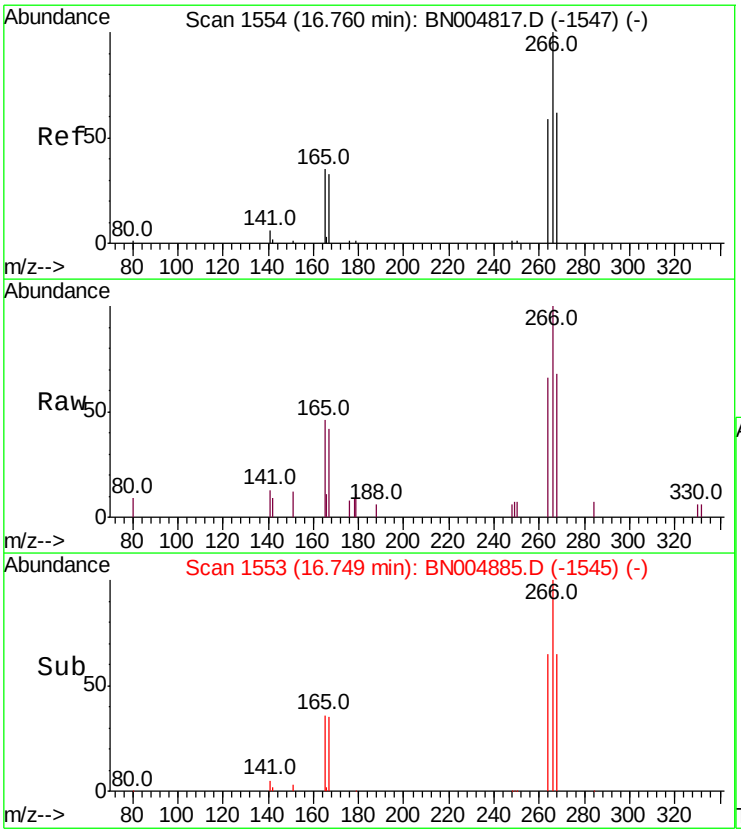
#21
Hexachlorobenzene
Concen: 0.278 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:284 Resp: 3462

Ion	Ratio	Lower	Upper
284	100		
142	30.5	22.6	34.0
249	30.0	22.5	33.7

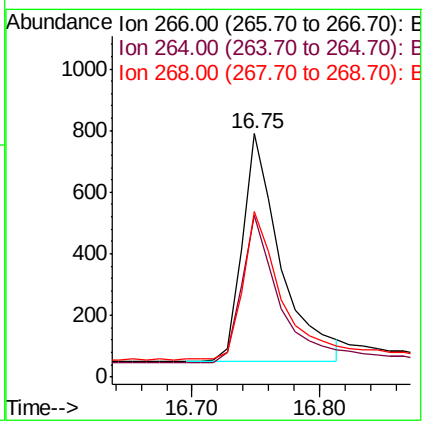


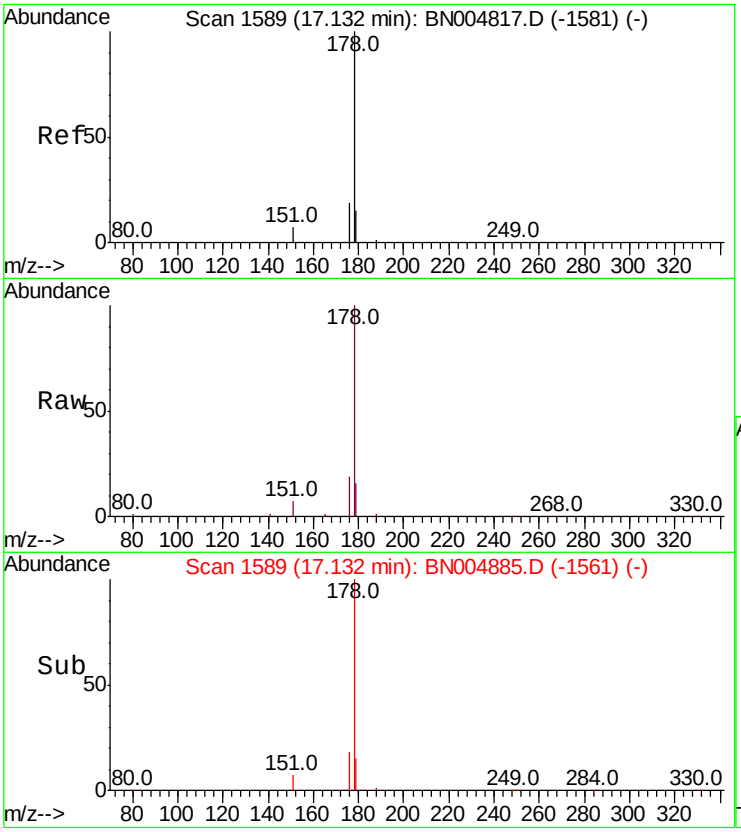


#22
Pentachlorophenol
Concen: 0.632 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:266 Resp: 1537

Ion	Ratio	Lower	Upper
266	100		
264	66.5	53.1	79.7
268	67.8	57.7	86.5



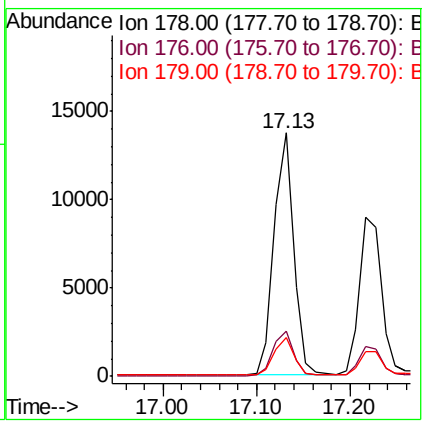


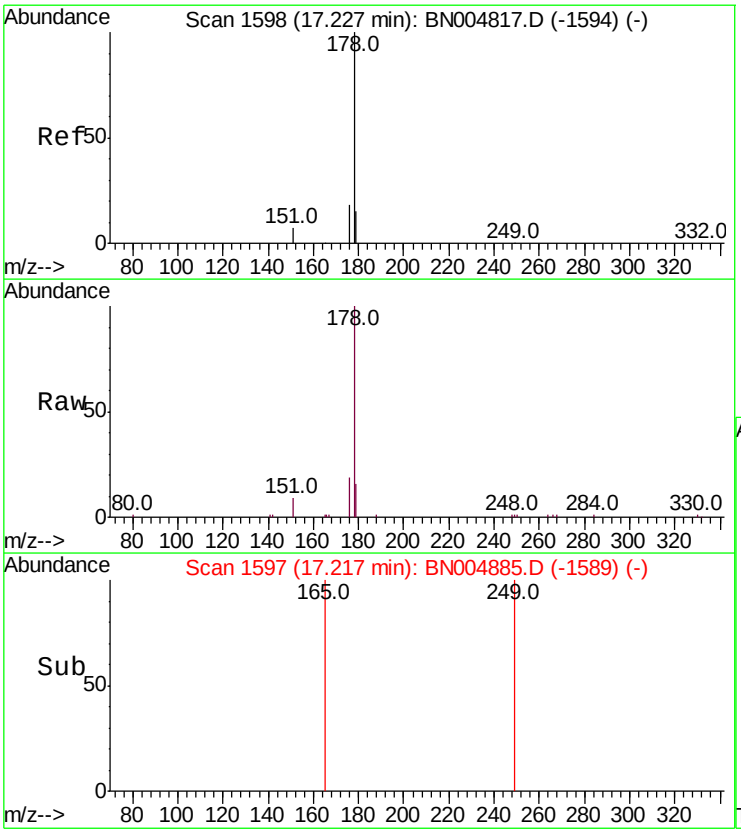
#23
Phenanthrene
Concen: 0.372 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:178 Resp: 19947

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	12.1	18.1

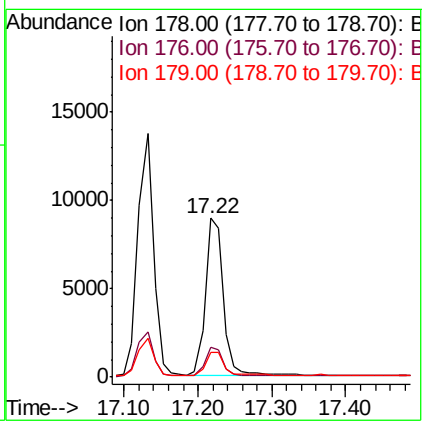


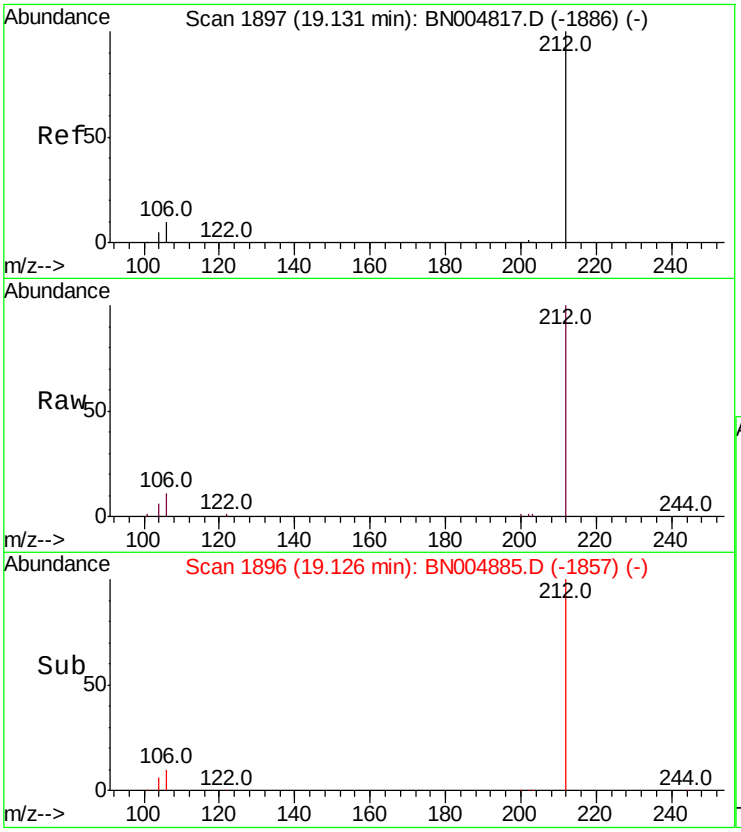


#24
Anthracene
Concen: 0.313 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:178 Resp: 15019

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	14.8	12.2	18.4



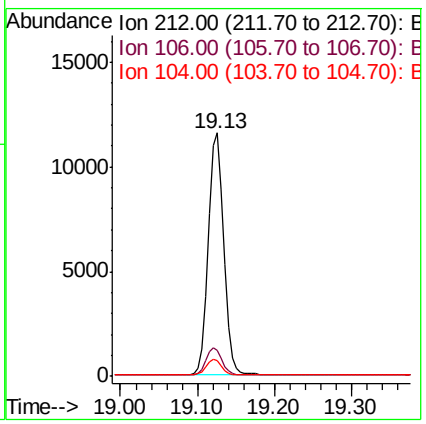


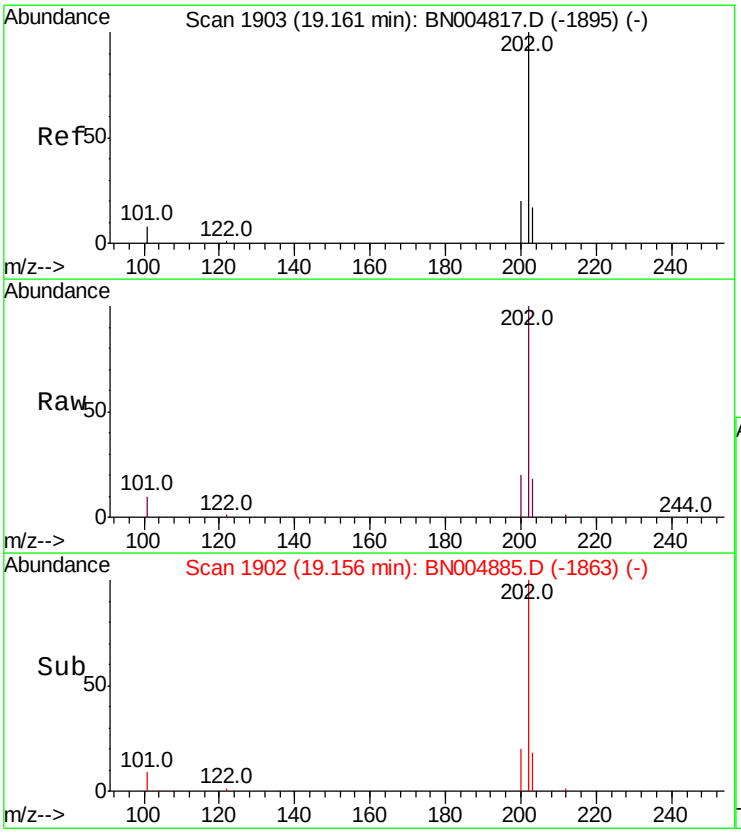
#25
Fluoranthene-d10
Concen: 0.288 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:212 Resp: 16034

Ion	Ratio	Lower	Upper
212	100		
106	11.5	8.6	13.0
104	6.4	4.7	7.1

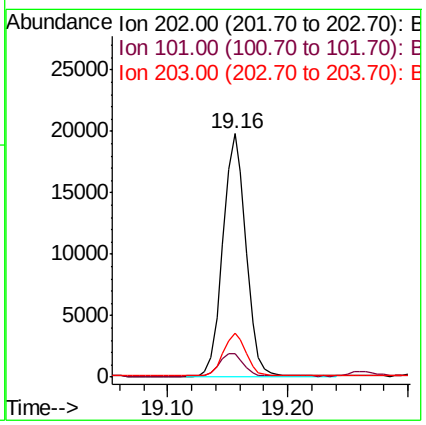


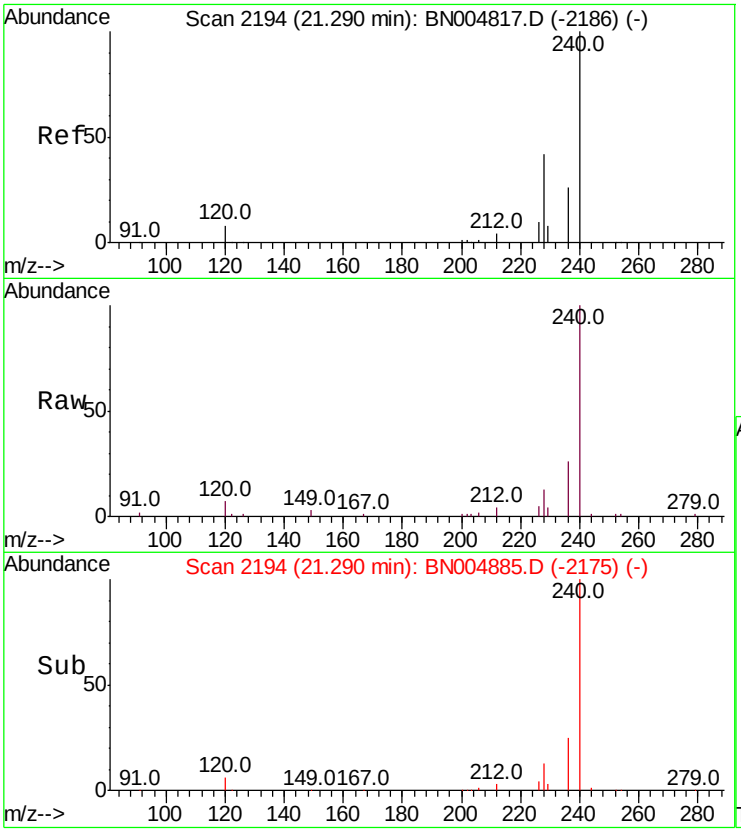


#26
Fluoranthene
Concen: 0.381 ng
RT: 19.16 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:202 Resp: 26265

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.5	11.3
203	17.4	13.8	20.6



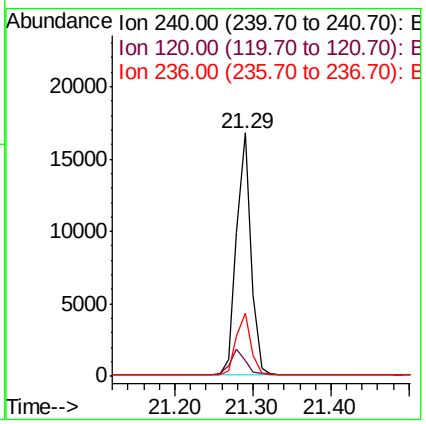


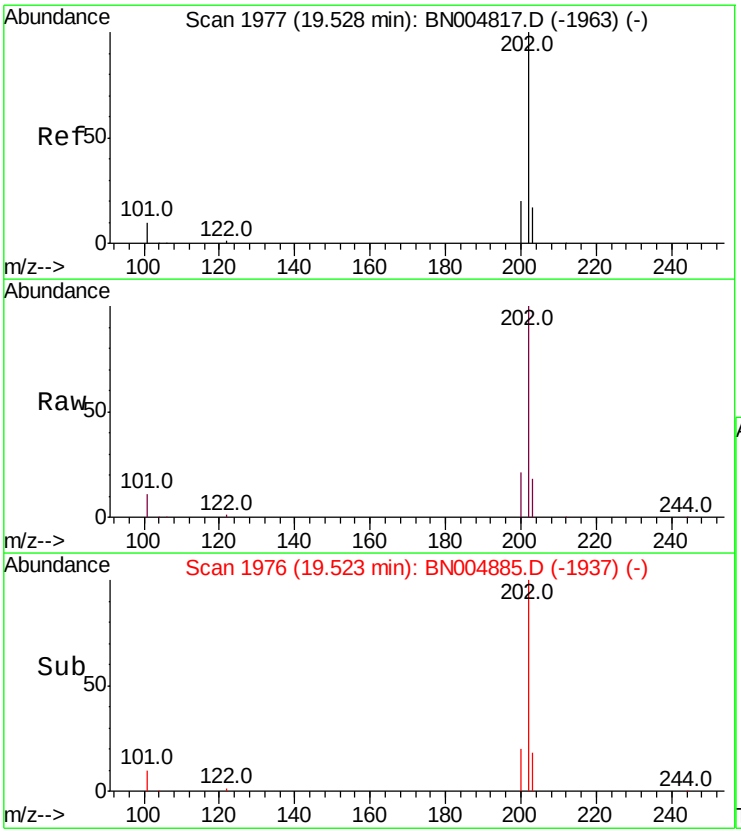
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:240 Resp: 21715

Ion	Ratio	Lower	Upper
240	100		
120	6.7	7.2	10.8#
236	25.9	20.9	31.3

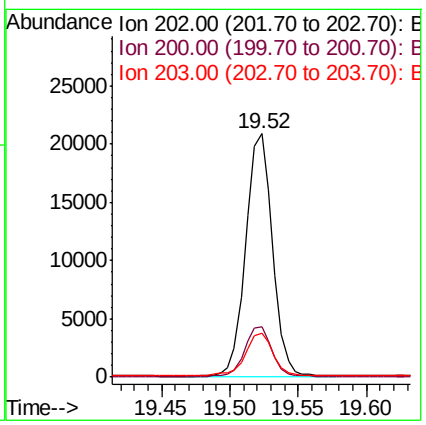


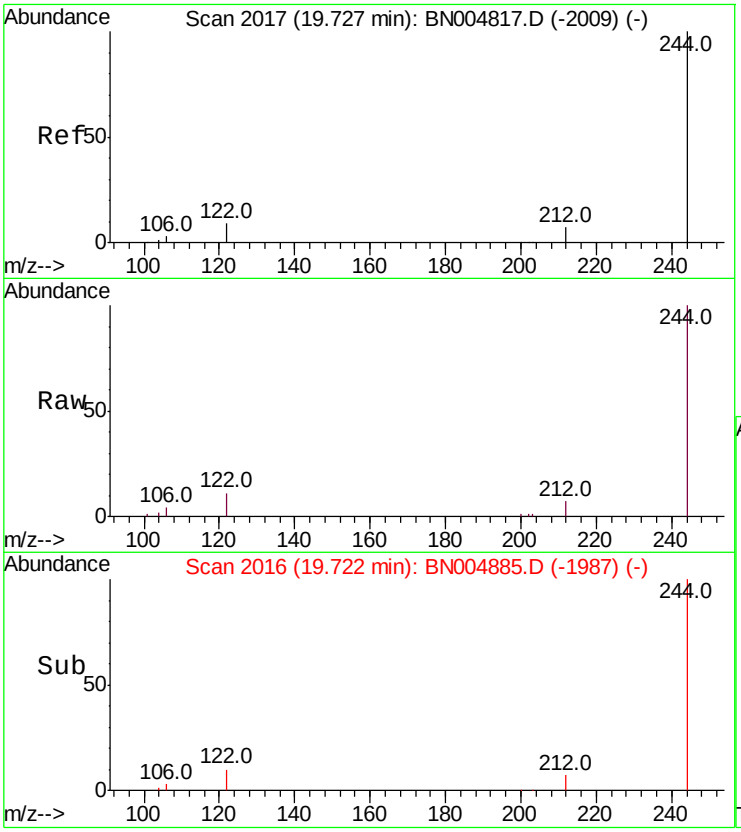


#28
Pyrene
Concen: 0.428 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:202 Resp: 28323

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	18.5	14.0	21.0



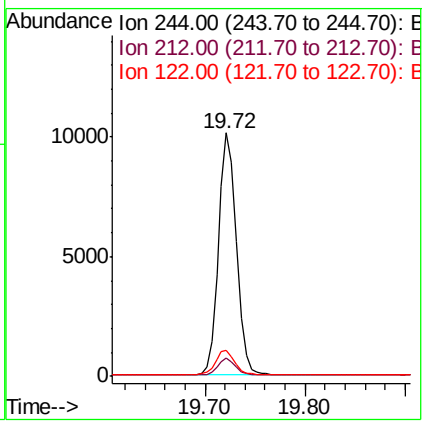


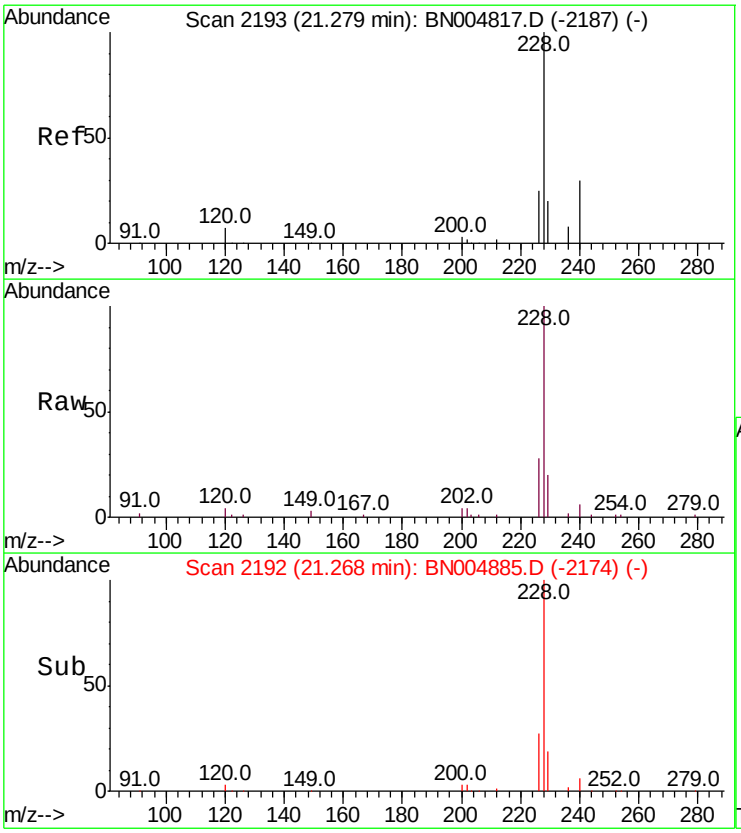
#29
Terphenyl-d14
Concen: 0.284 ng
RT: 19.72 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:244 Resp: 12620

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.6	7.9	11.9

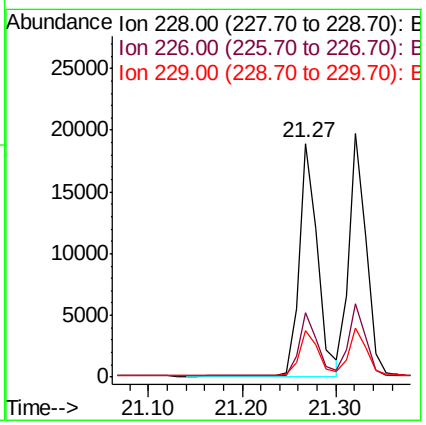


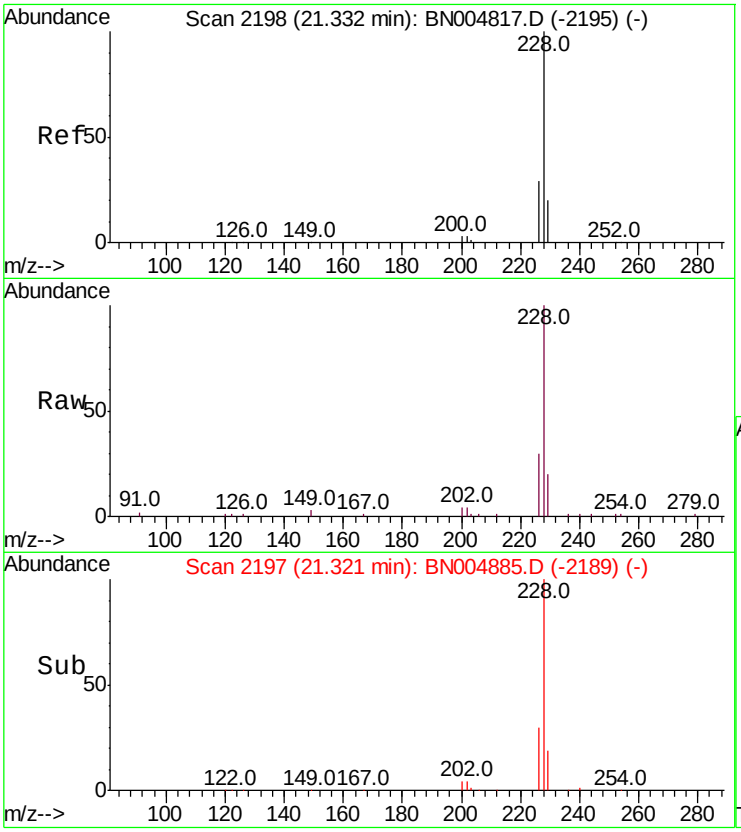


#30
Benzo(a)anthracene
Concen: 0.359 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:228 Resp: 25575

Ion	Ratio	Lower	Upper
228	100		
226	27.7	20.6	31.0
229	19.9	16.2	24.4



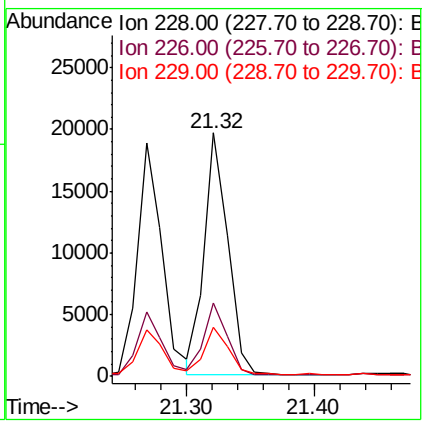


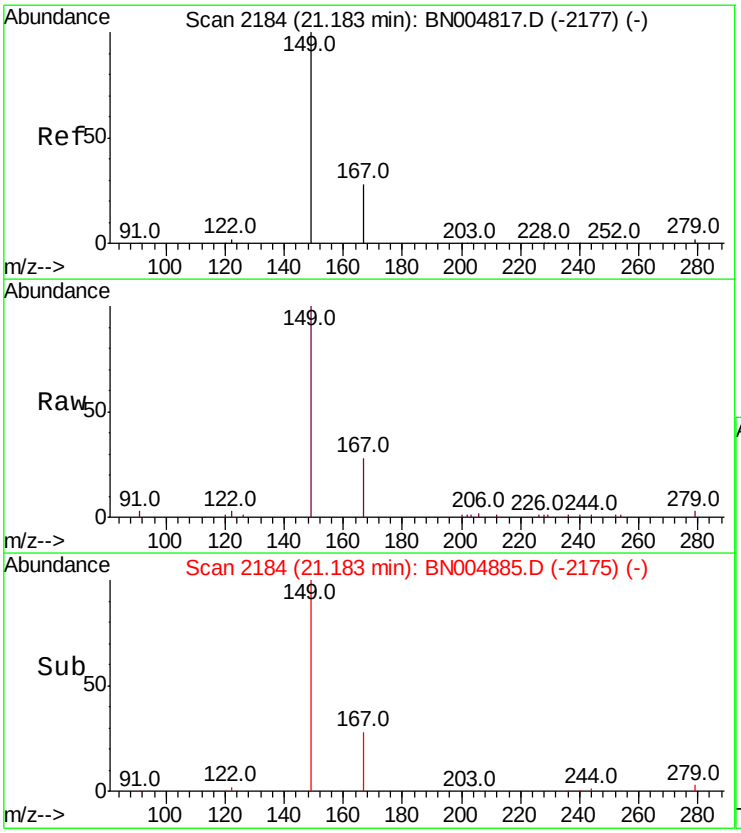
#31
Chrysene
Concen: 0.337 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:228 Resp: 25246

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.6
229	20.2	16.2	24.2

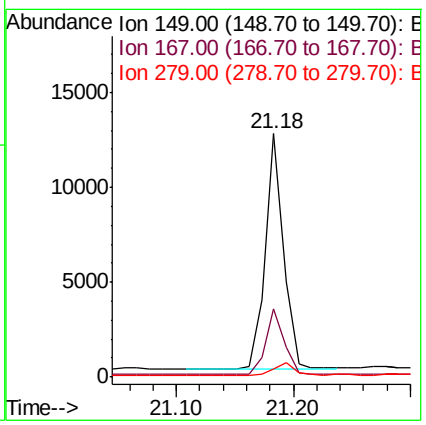


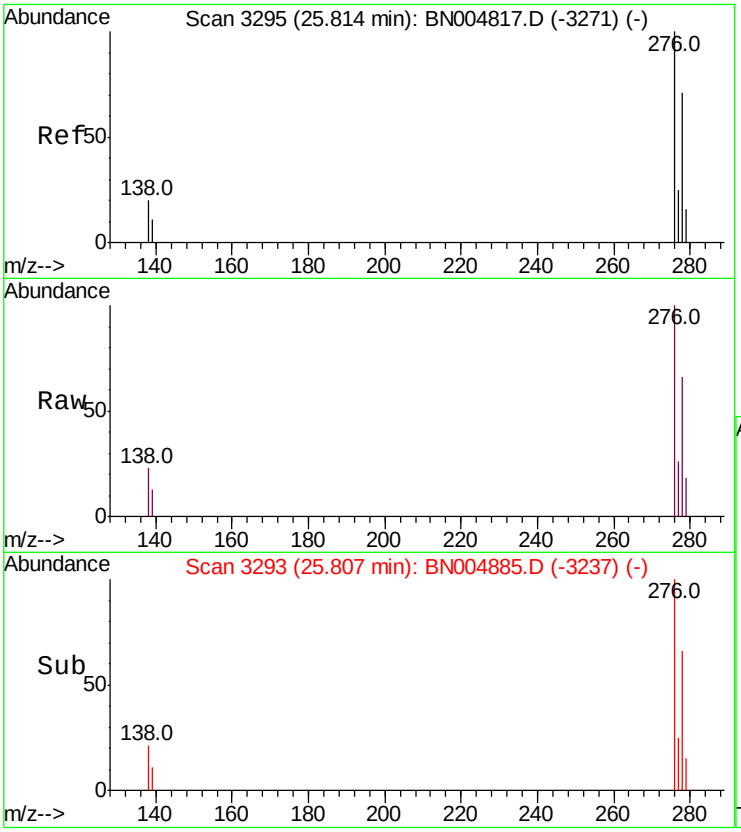


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.474 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:149 Resp: 13489

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	5.3	4.6	6.8



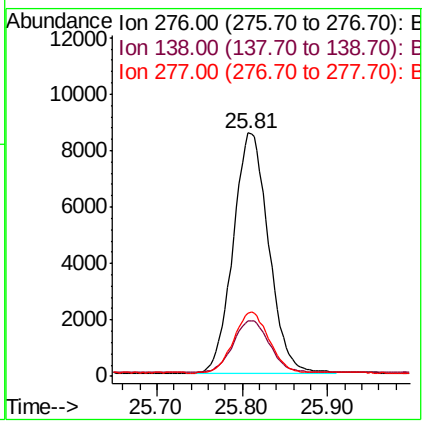


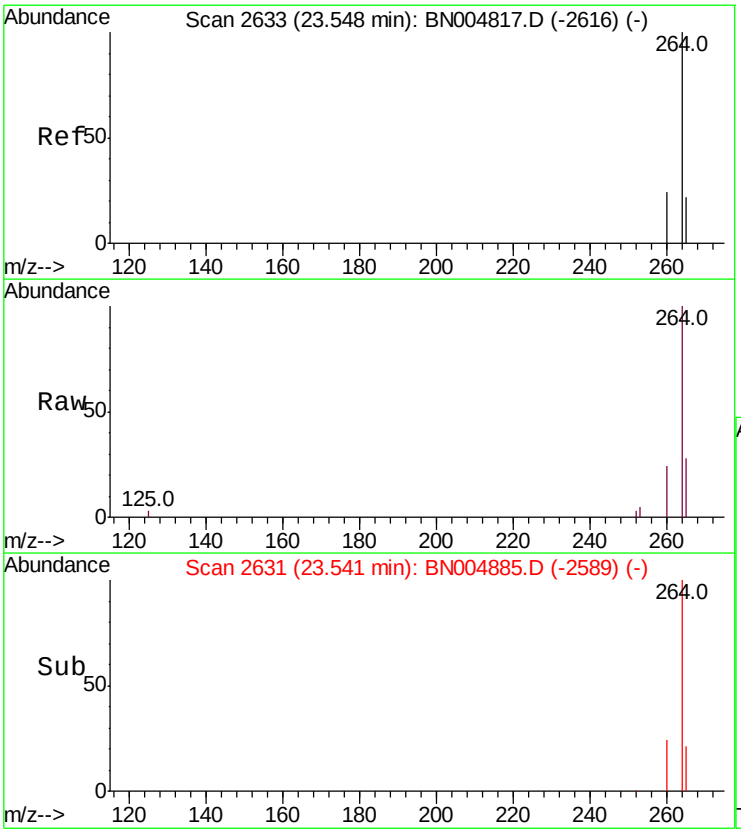
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.226 ng
RT: 25.81 min Scan# 3293
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:276 Resp: 24535

Ion	Ratio	Lower	Upper
276	100		
138	22.4	16.6	24.8
277	25.2	20.3	30.5

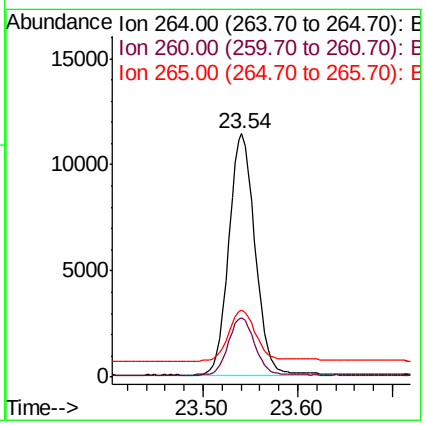


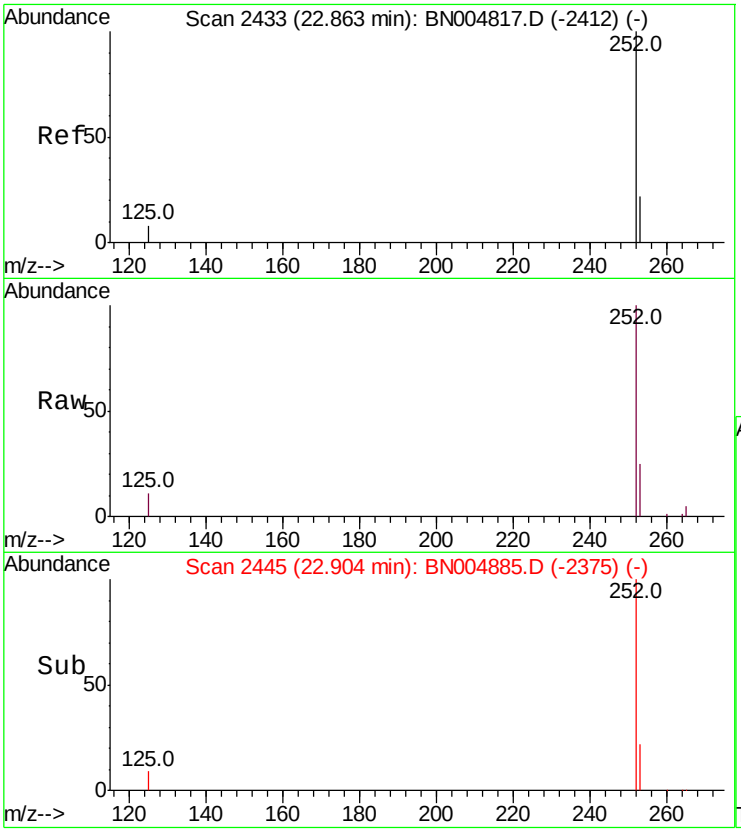


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2631
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:264 Resp: 21923

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	27.7	23.1	34.7



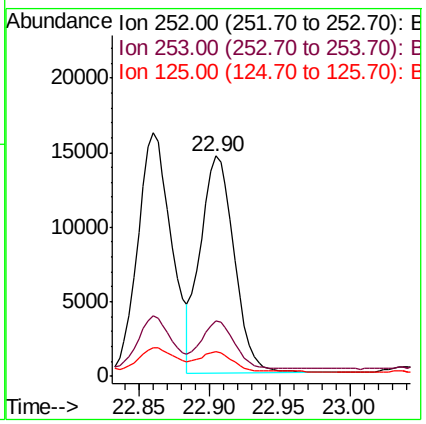


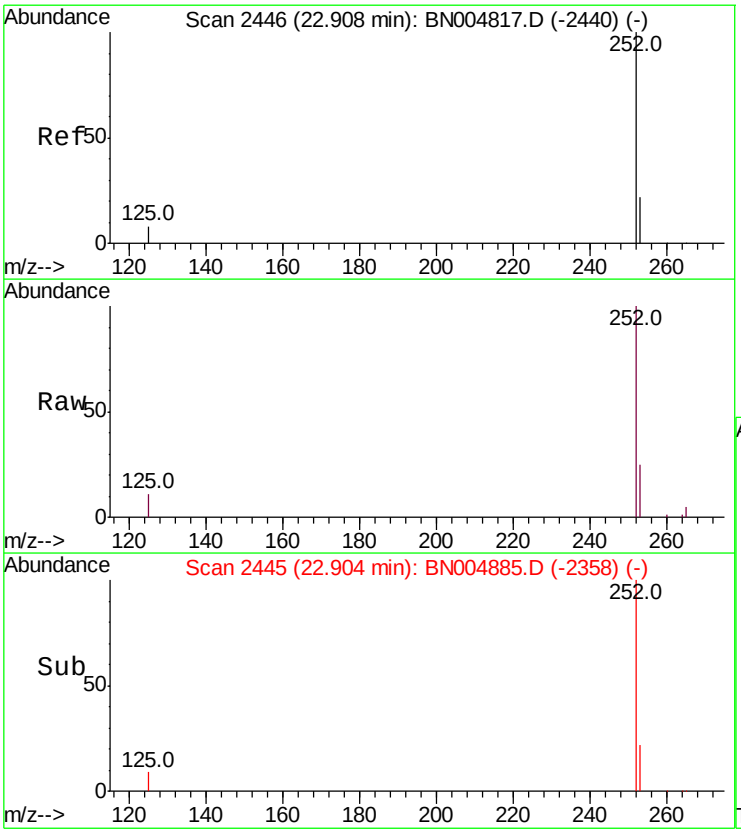
#35
Benzo(b)fluoranthene
Concen: 0.306 ng
RT: 22.90 min Scan# 2445
Delta R.T. 0.04 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:252 Resp: 24262

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.0	28.4
125	11.1	7.4	11.2

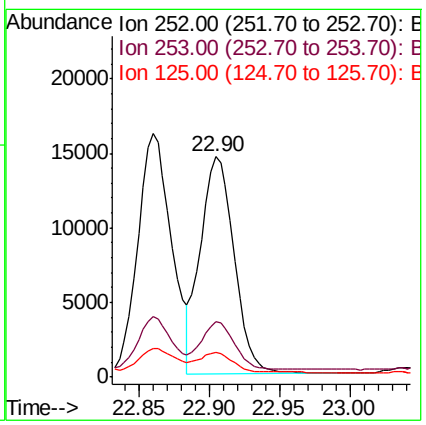


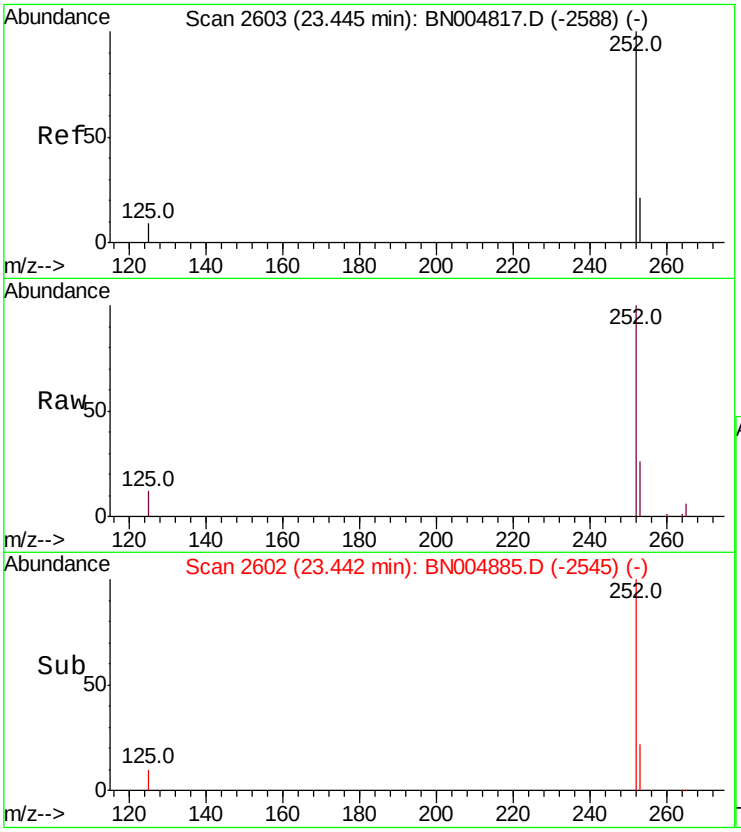


#36
Benzo(k)fluoranthene
Concen: 0.312 ng
RT: 22.90 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:252 Resp: 24345

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.3	28.9
125	11.1	7.4	11.0#



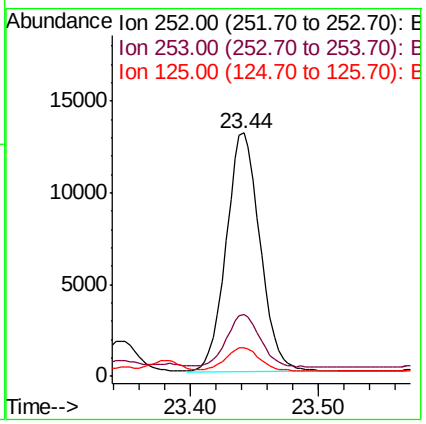


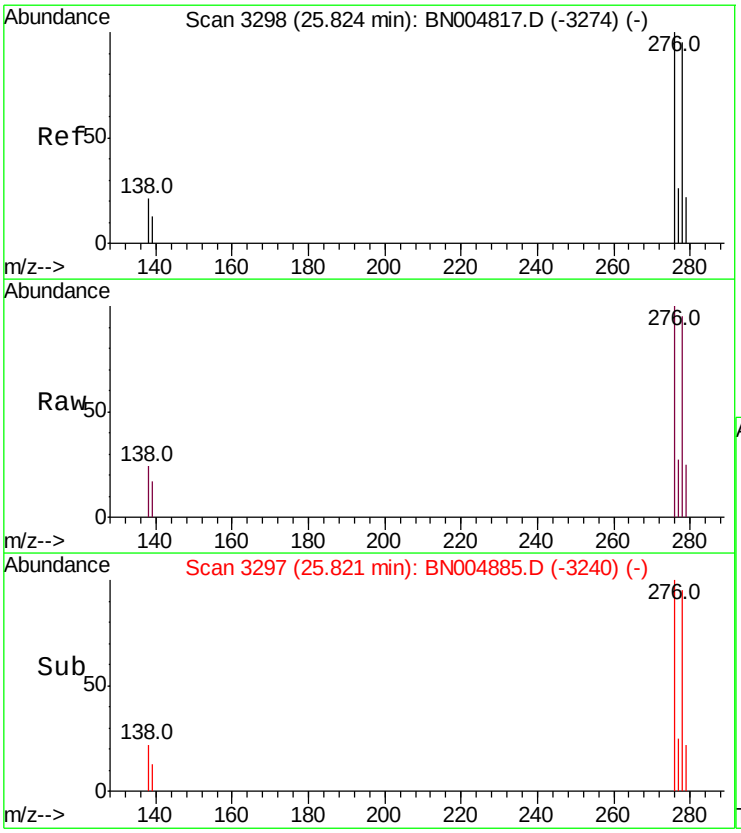
#37
Benzo(a)pyrene
Concen: 0.327 ng
RT: 23.44 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:252 Resp: 23815

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.7	29.5
125	11.7	8.3	12.5

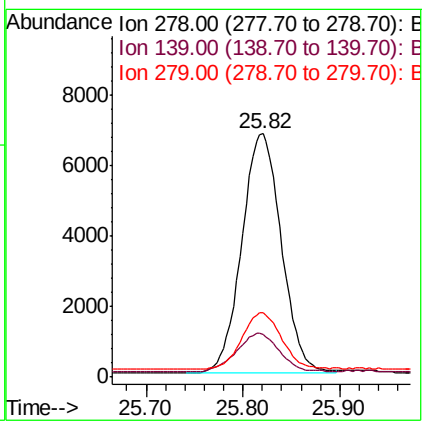


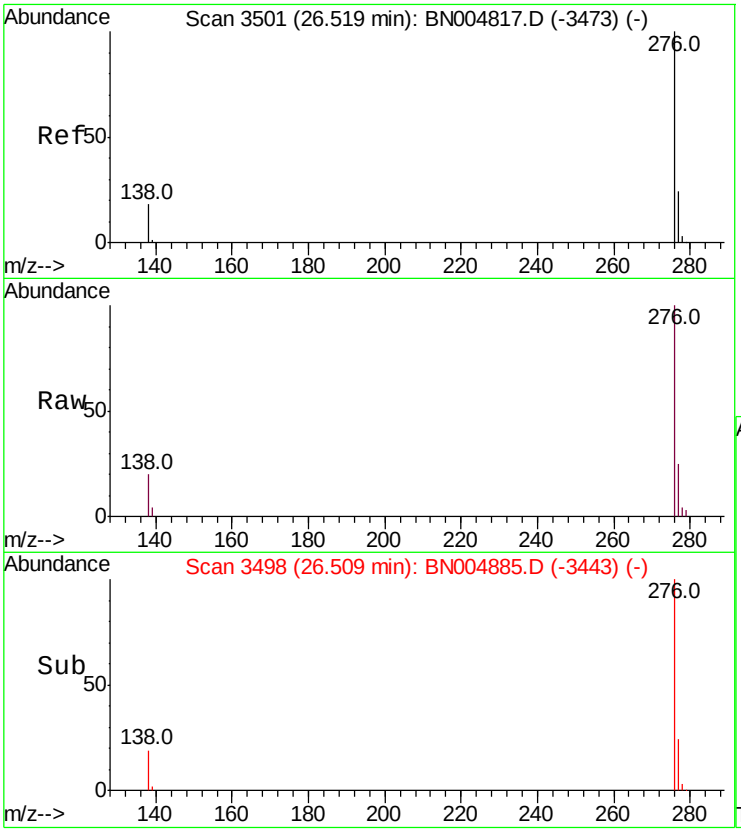


#38
Dibenzo(a,h)anthracene
Concen: 0.229 ng
RT: 25.82 min Scan# 3297
Delta R.T. -0.00 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Tgt Ion:278 Resp: 19324

Ion	Ratio	Lower	Upper
278	100		
139	17.8	11.7	17.5#
279	26.4	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.244 ng
RT: 26.51 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BN004885.D
Acq: 22 Mar 2019 12:27

Instrument :
BNA_N
ClientSampleId :
PST-026-SW035-031819MSD

Tgt Ion:276 Resp: 20949

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.7	29.5
138	20.3	14.6	22.0