Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
Data File : BN008045.D
Acq On : 06 Oct 2019 05:00
Operator : JU
Sample : K5078-13RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-SW128-092519

Quant Time: Oct 07 00:17:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4039	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	16298	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	10352	0.40	ng		-0.03
19) Phenanthrene-d10	17.06	188	21549	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	22752	0.40	ng		-0.02
34) Perylene-d12	23.46	264	25324	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	2544	0.18	ng		-0.02
5) Phenol-d6	6.87	99	3267	0.19	ng		0.00
8) Nitrobenzene-d5	8.82	82	2930	0.21	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	6171	0.22	ng		-0.02
14) 2,4,6-Tribromophenol	15.80	330	1158	0.21	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	8251	0.19	ng		-0.02
25) Fluoranthene-d10	19.08	212	15757	0.22	ng		-0.02
29) Terphenyl-d14	19.69	244	12759	0.23	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.97	42	5329	2.584	ng	#	84
9) Naphthalene	10.49	128	1659	0.036	ng	#	77
12) 2-Methylnaphthalene	12.11	142	858	0.028	ng	#	86
16) Acenaphthylene	14.02	152	15642	0.285	ng		99
17) Acenaphthene	14.36	154	971	0.027	ng	#	92
18) Fluorene	15.36	166	2554	0.056	ng	#	12
23) Phenanthrene	17.09	178	35020	0.522	ng		99
24) Anthracene	17.18	178	9206	0.152	ng		99
26) Fluoranthene	19.11	202	71085	0.852	ng		99
28) Pyrene	19.48	202	81325	1.048	ng		97
30) Benzo(a)anthracene	21.28	228	46190	0.551	ng		93
31) Chrysene	21.28	228	45842	0.561	ng		96
32) Bis(2-ethylhexyl)phthalate	21.17	149	35207	0.817	ng		99
33) Indeno(1,2,3-cd)pyrene	25.67	276	28953	0.283	ng	#	95
35) Benzo(b)fluoranthene	22.80	252	55564	0.632	ng	#	80
36) Benzo(k)fluoranthene	22.80	252	55564	0.639	ng	#	80
37) Benzo(a)pyrene	23.36	252	37284	0.451	ng	#	83
38) Dibenzo(a,h)anthracene	25.67	278	7096	0.084	ng	#	35
39) Benzo(g,h,i)perylene	26.34	276	31597	0.378	ng	#	90

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

Quantitation Report (Not Reviewed)

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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PST-024-SW128-092519

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
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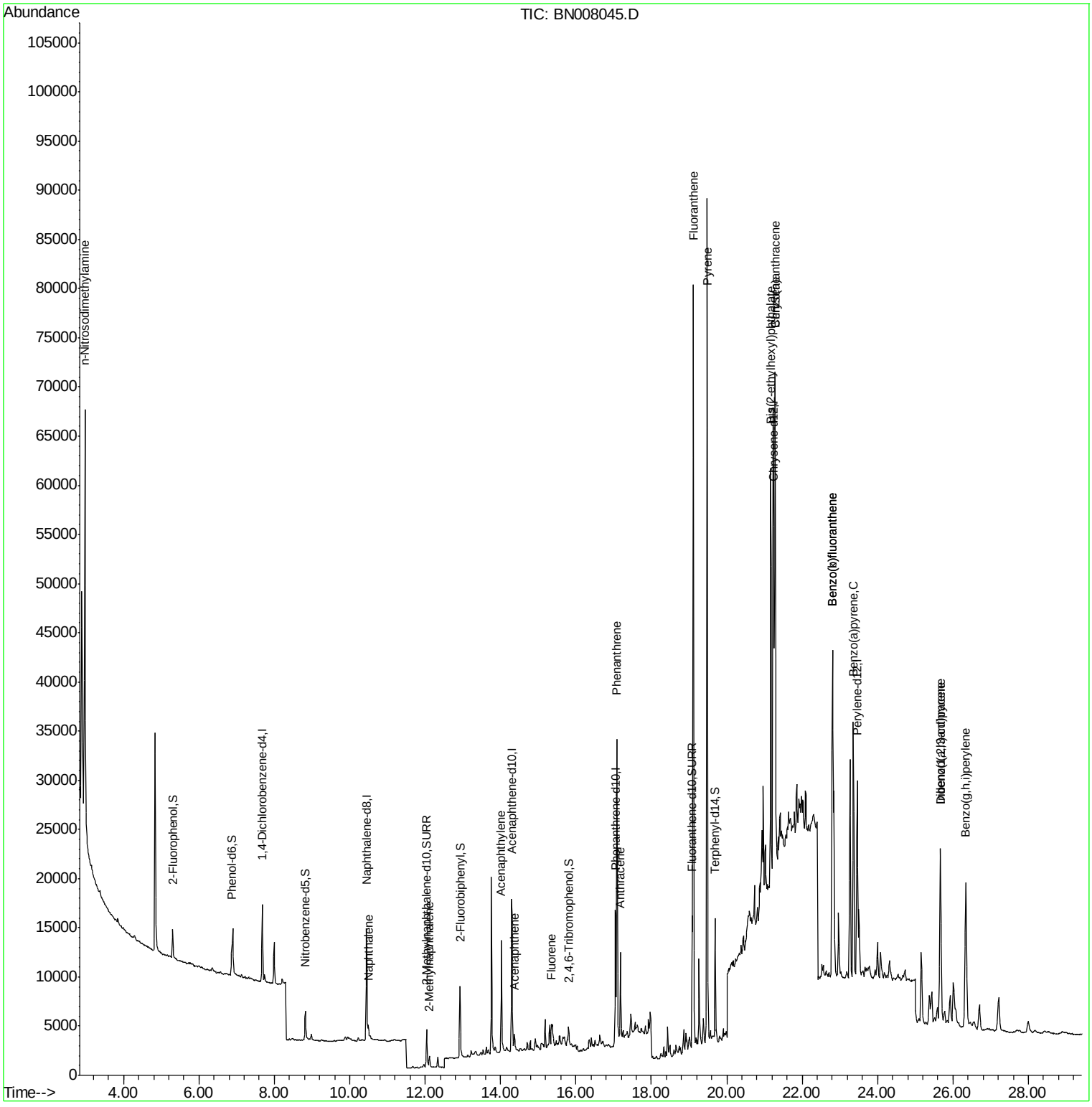
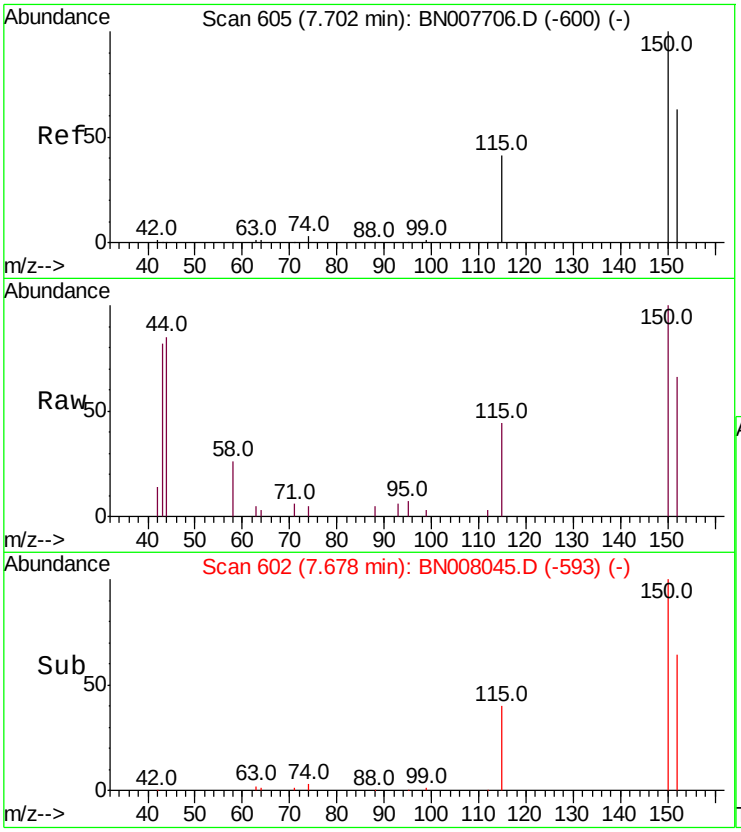


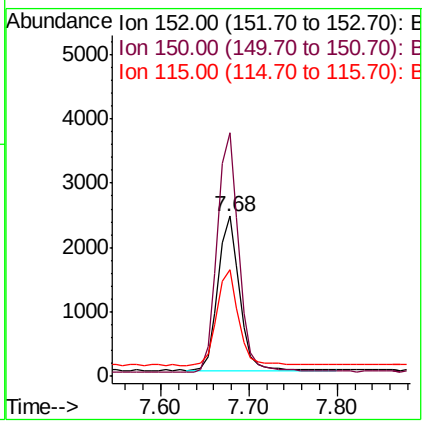


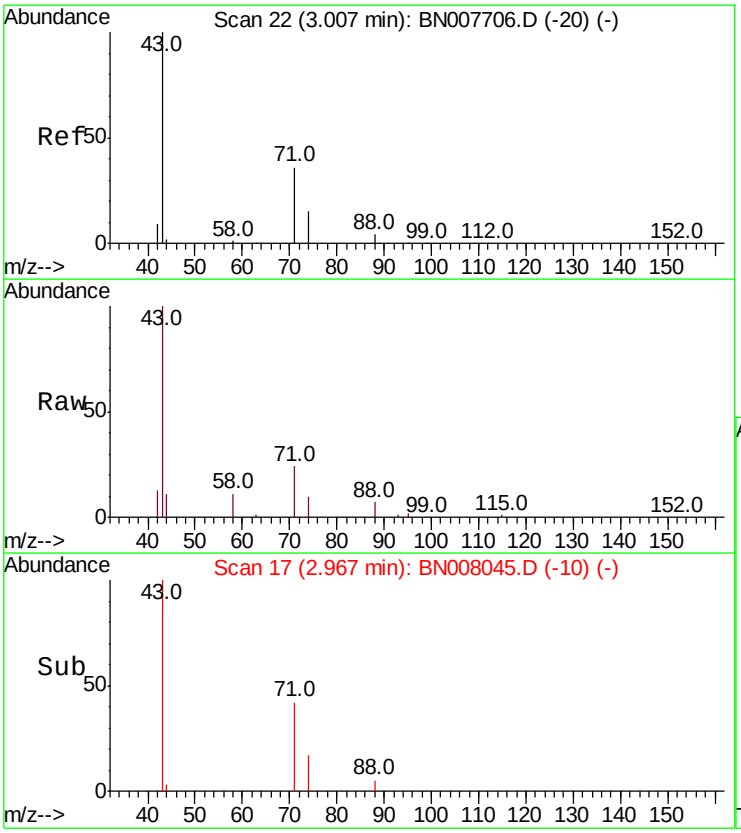
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:152 Resp: 4039

Ion	Ratio	Lower	Upper
152	100		
150	151.9	125.6	188.4
115	66.7	53.3	79.9

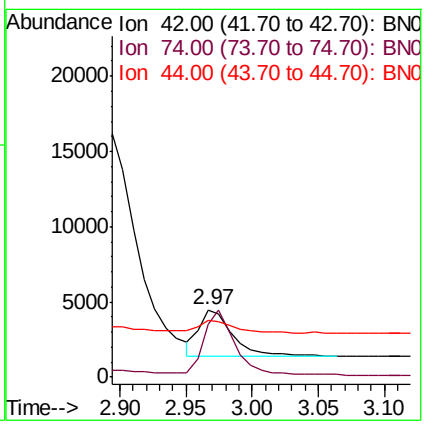


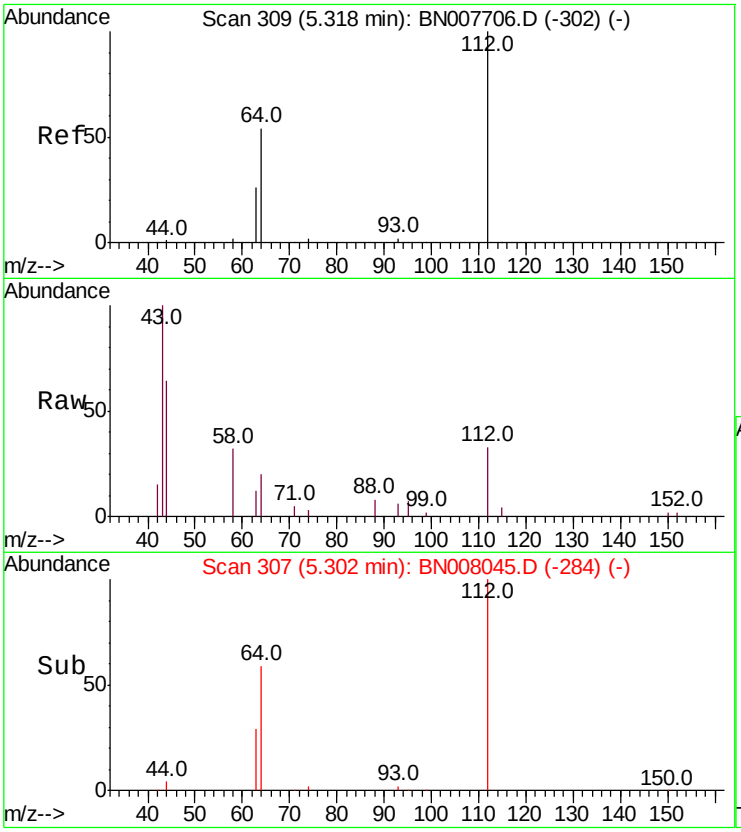


#3
n-Nitrosodimethylamine
Concen: 2.584 ng
RT: 2.97 min Scan# 17
Delta R.T. -0.04 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion: 42 Resp: 5329

Ion	Ratio	Lower	Upper
42	100		
74	128.1	87.9	131.9
44	28.5	29.4	44.0#



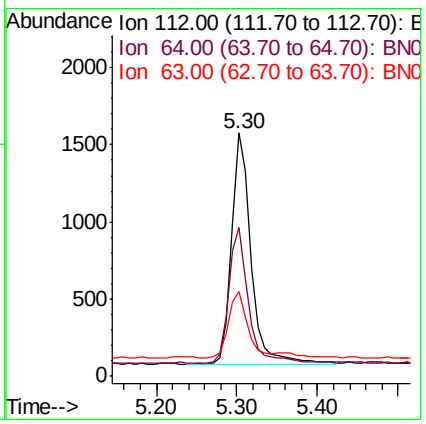


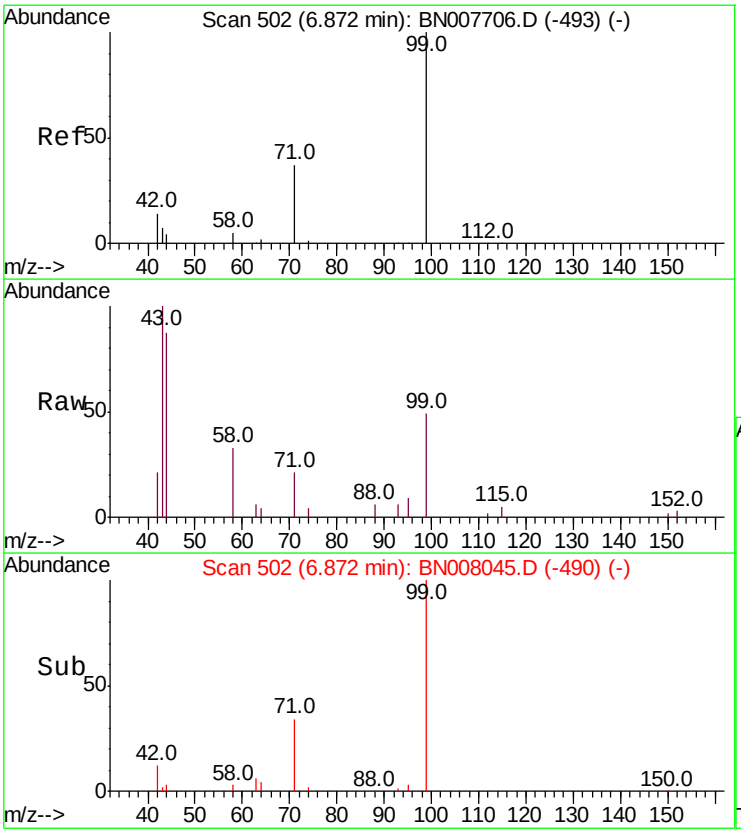
#4
2-Fluorophenol
Concen: 0.183 ng
RT: 5.30 min Scan# 307
Delta R.T. -0.02 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:112 Resp: 2544

Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.6	70.0
63	28.2	23.1	34.7

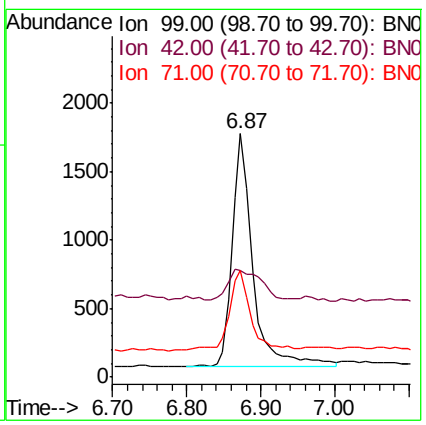


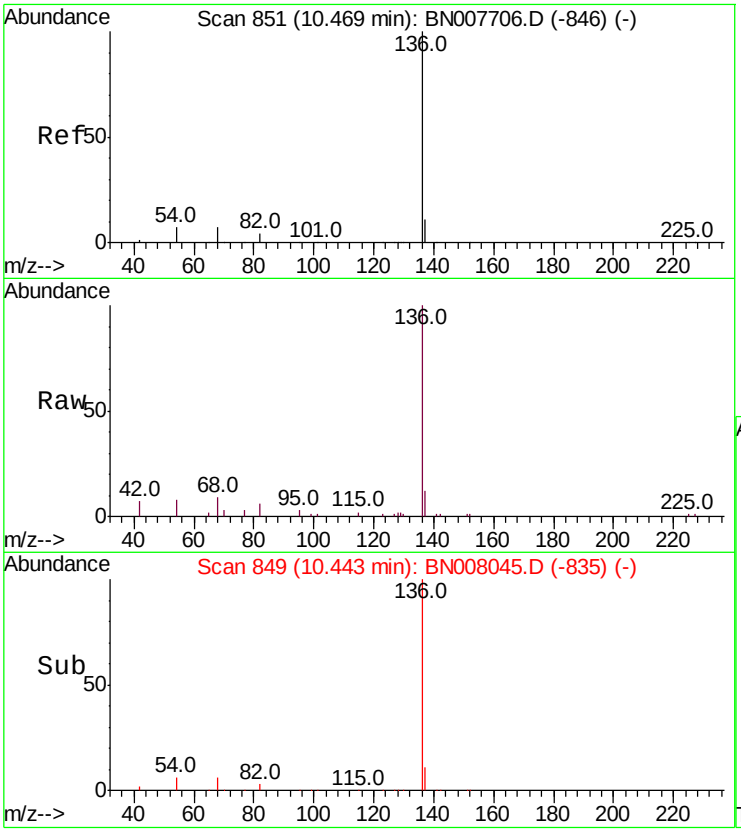


#5
Phenol-d6
Concen: 0.185 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion: 99 Resp: 3267

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	36.3	27.6	41.4



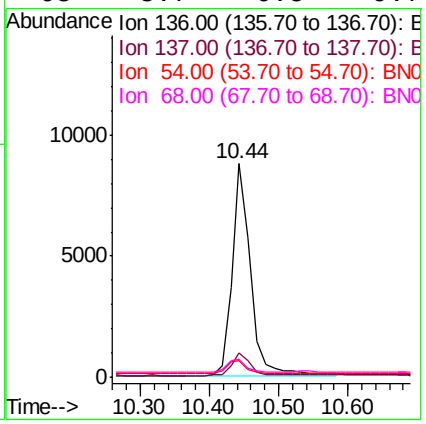


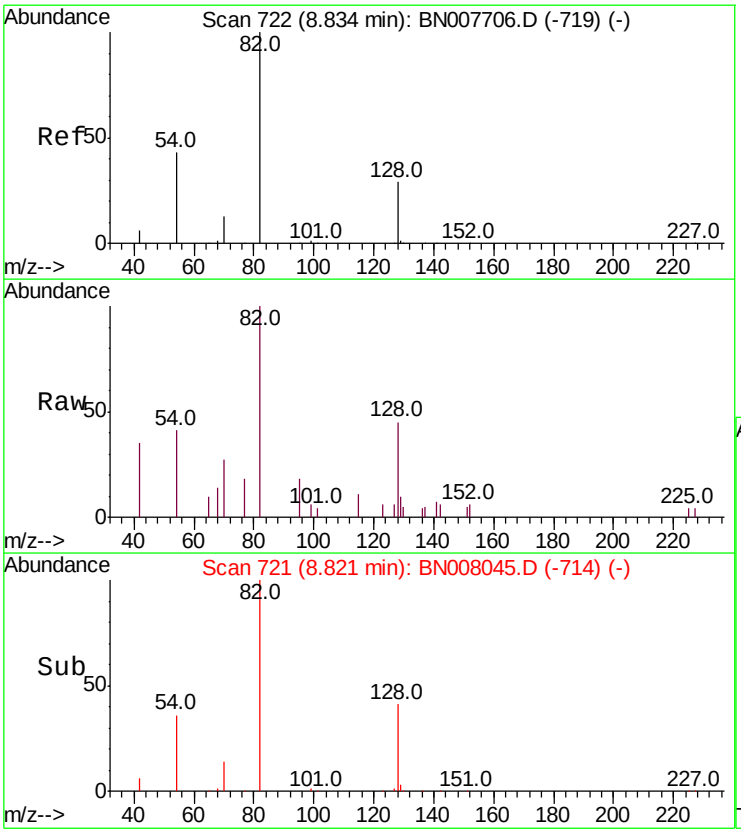
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.03 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:136 Resp: 16298

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.6	5.8	8.8
68	8.7	6.5	9.7

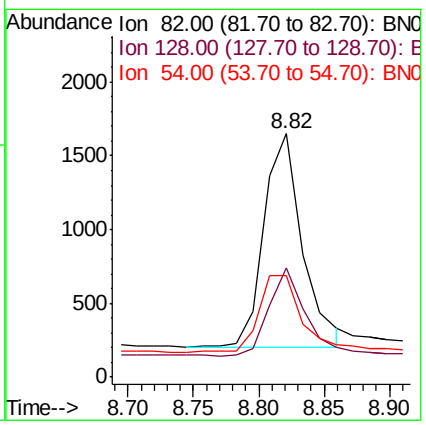


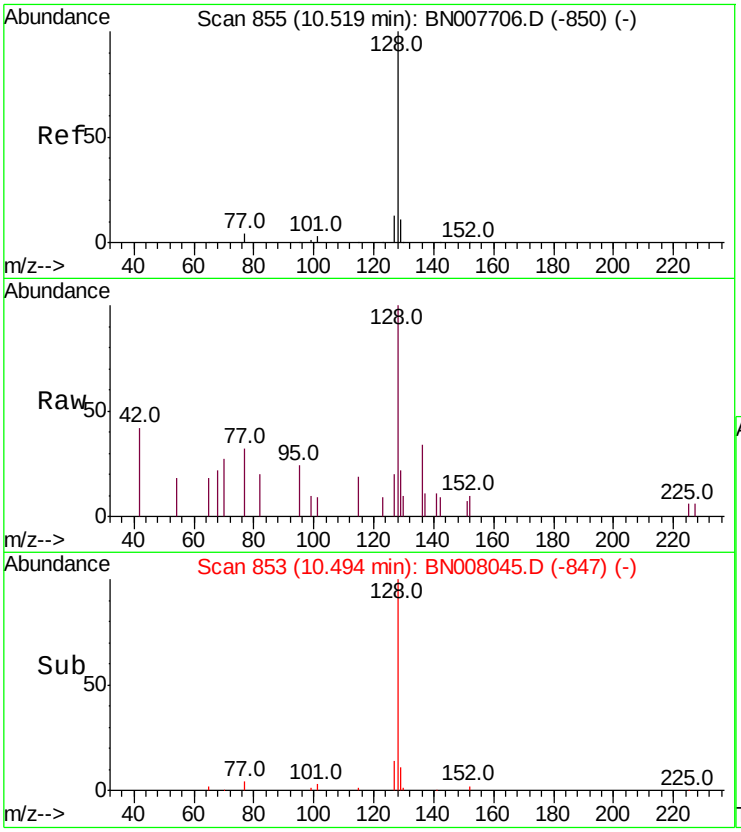


#8
Nitrobenzene-d5
Concen: 0.206 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion: 82 Resp: 2930

Ion	Ratio	Lower	Upper
82	100		
128	44.8	24.5	36.7#
54	41.4	35.2	52.8



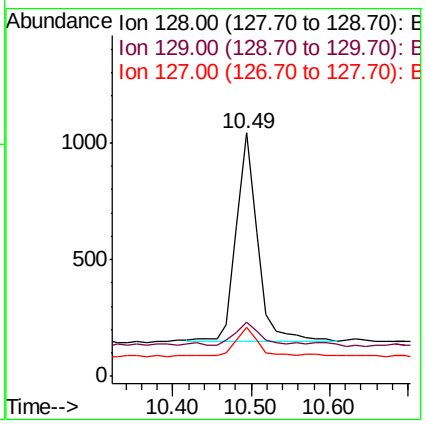


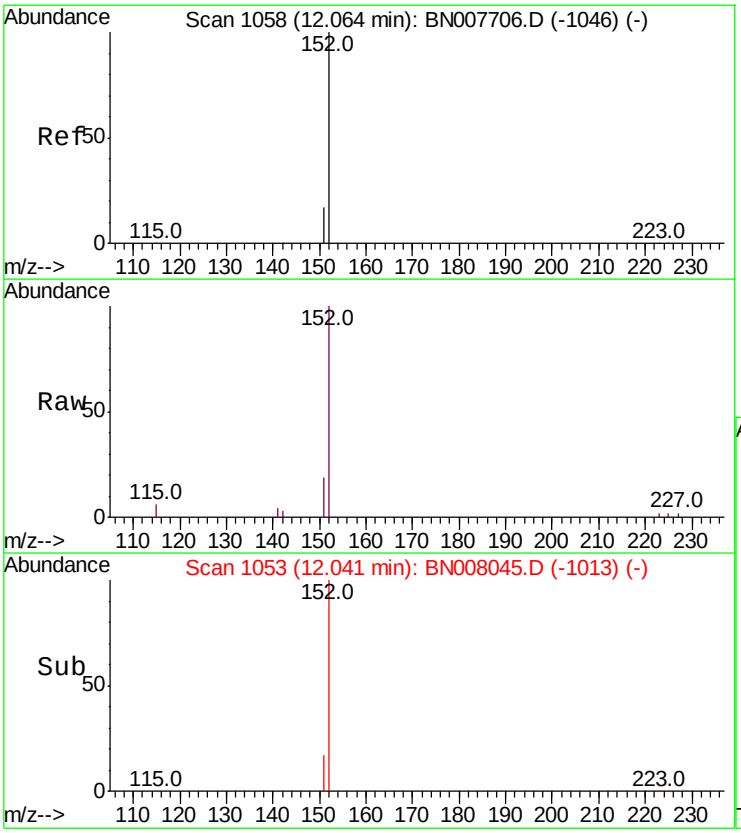
#9
Naphthalene
Concen: 0.036 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:128 Resp: 1659

Ion	Ratio	Lower	Upper
128	100		
129	22.5	9.1	13.7#
127	20.2	10.6	15.8#

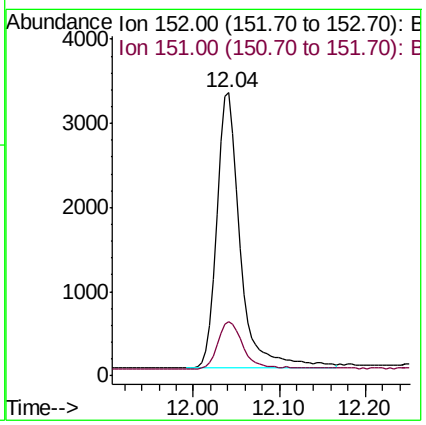


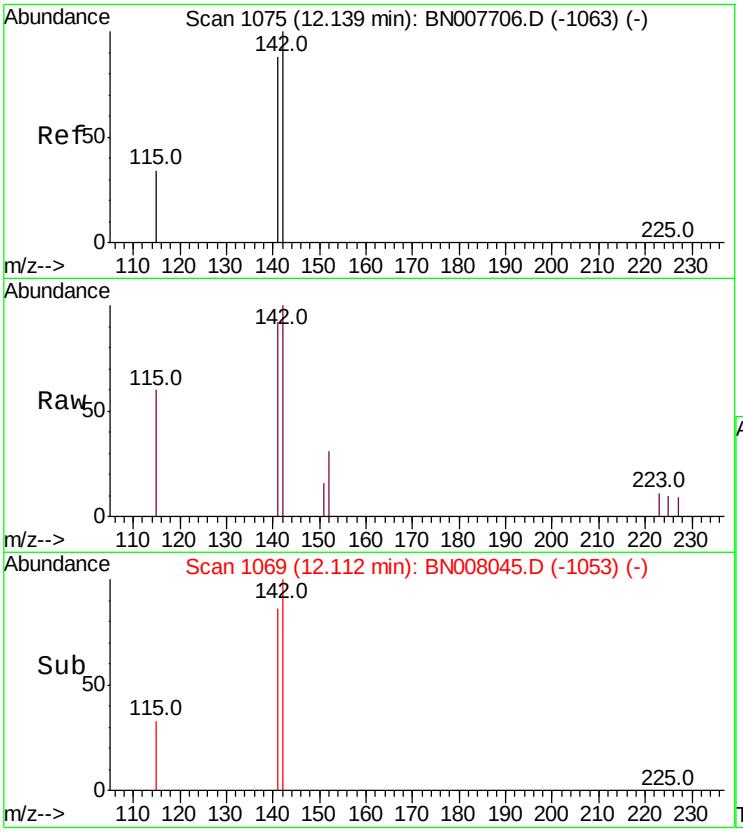


#11
2-Methylnaphthalene-d10
Concen: 0.225 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:152 Resp: 6171

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.4	23.2



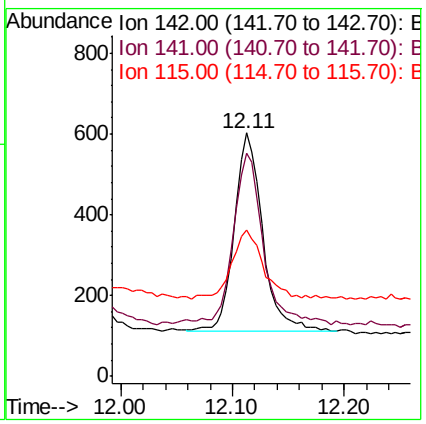


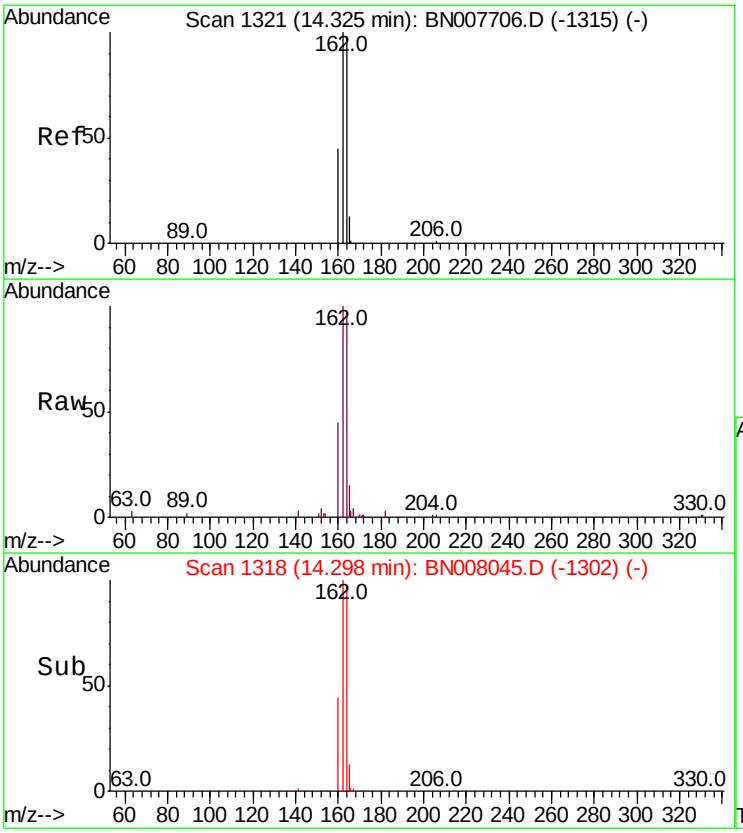
#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.11 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:142 Resp: 858

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.6	106.0
115	59.9	28.3	42.5#

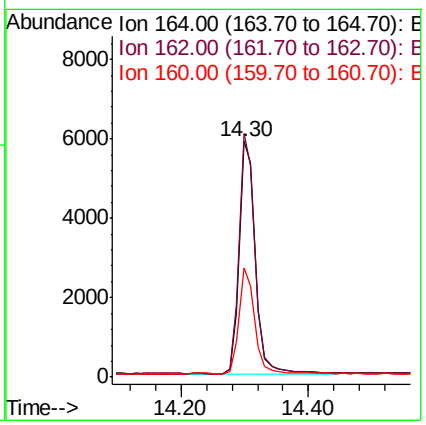


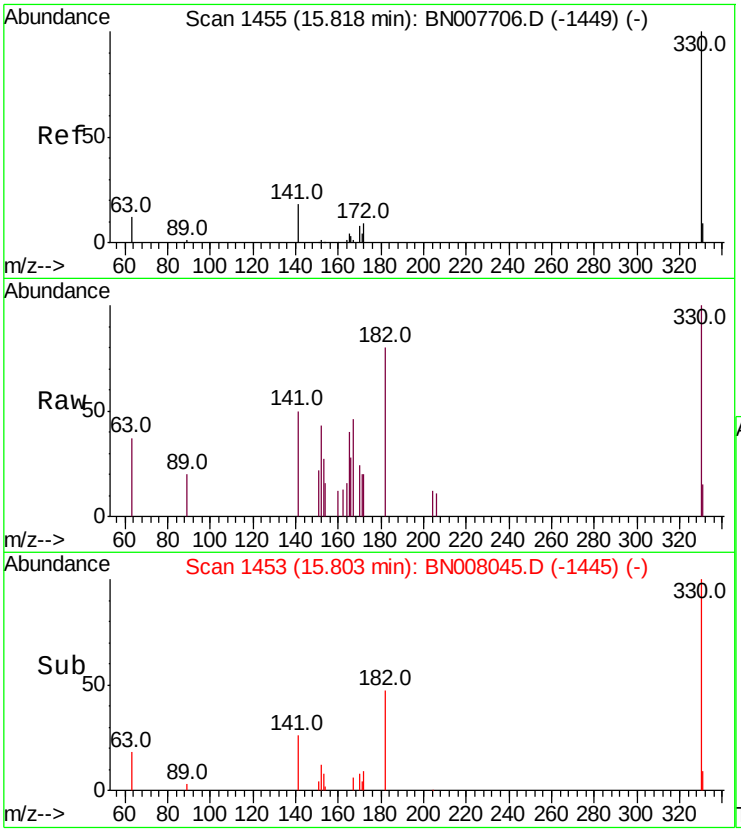


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:164 Resp: 10352

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.7	122.5
160	46.6	37.0	55.4



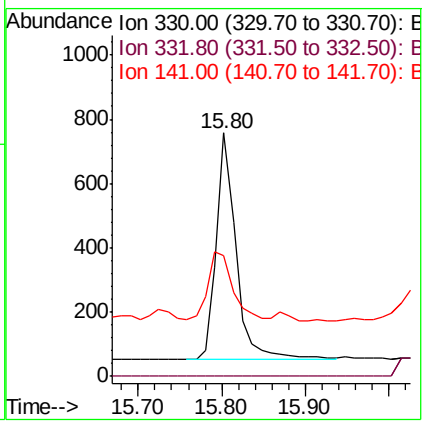


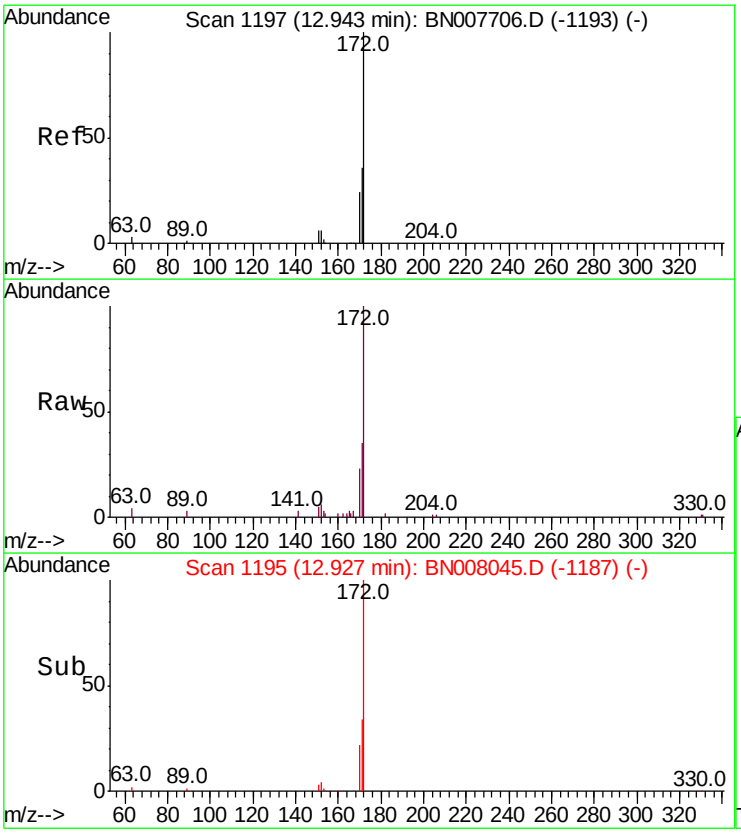
#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:330 Resp: 1158

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.7	28.7	43.1

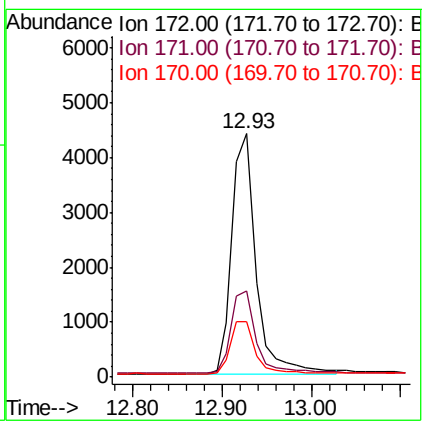


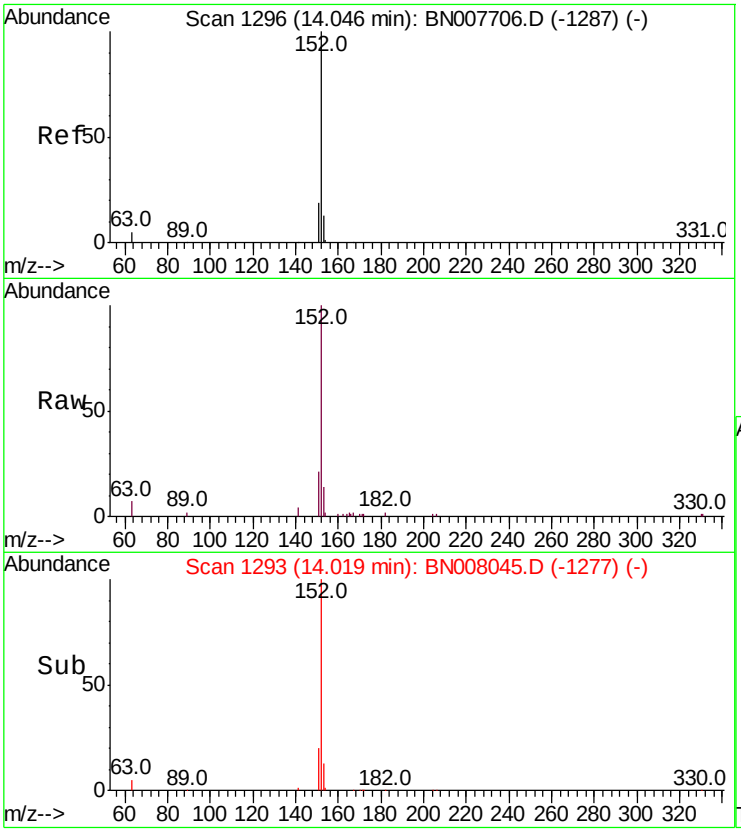


#15
2-Fluorobiphenyl
Concen: 0.194 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:172 Resp: 8251

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	22.9	19.5	29.3



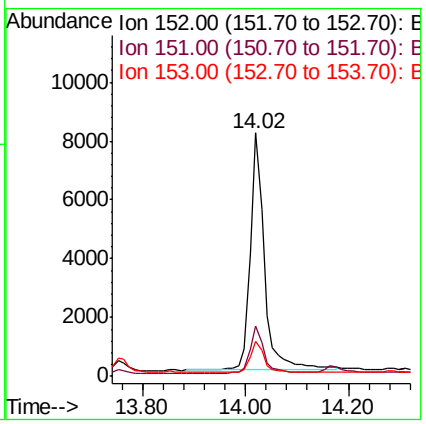


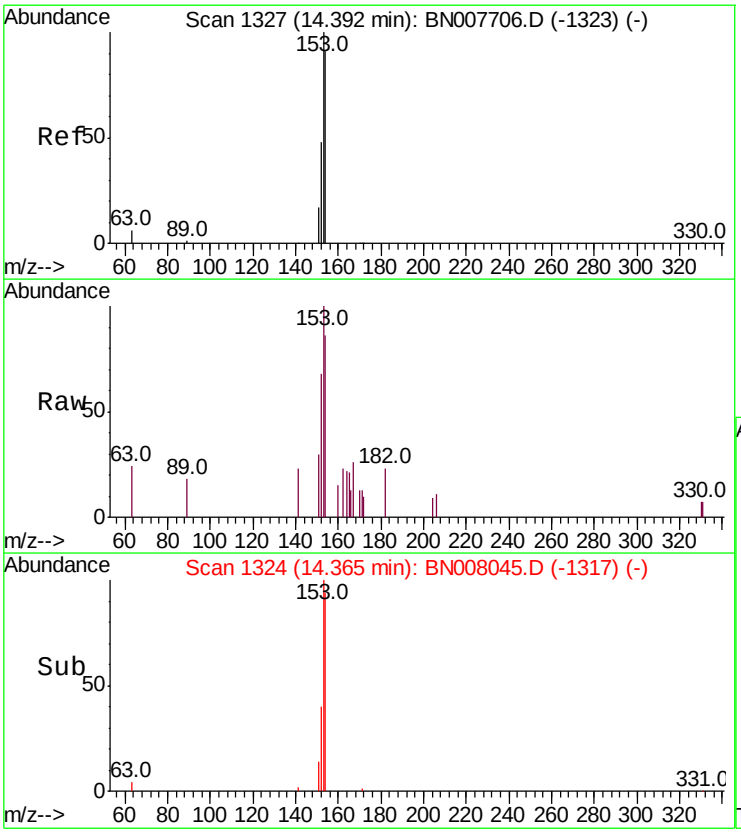
#16
Acenaphthylene
Concen: 0.285 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:152 Resp: 15642

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	12.5	10.4	15.6

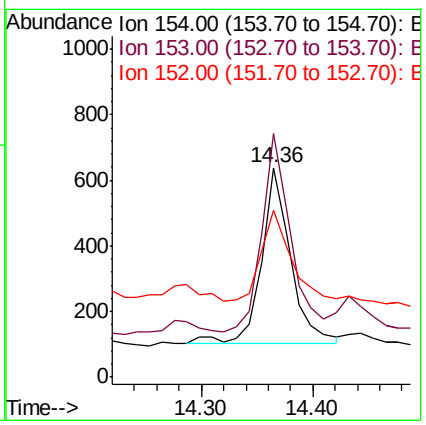


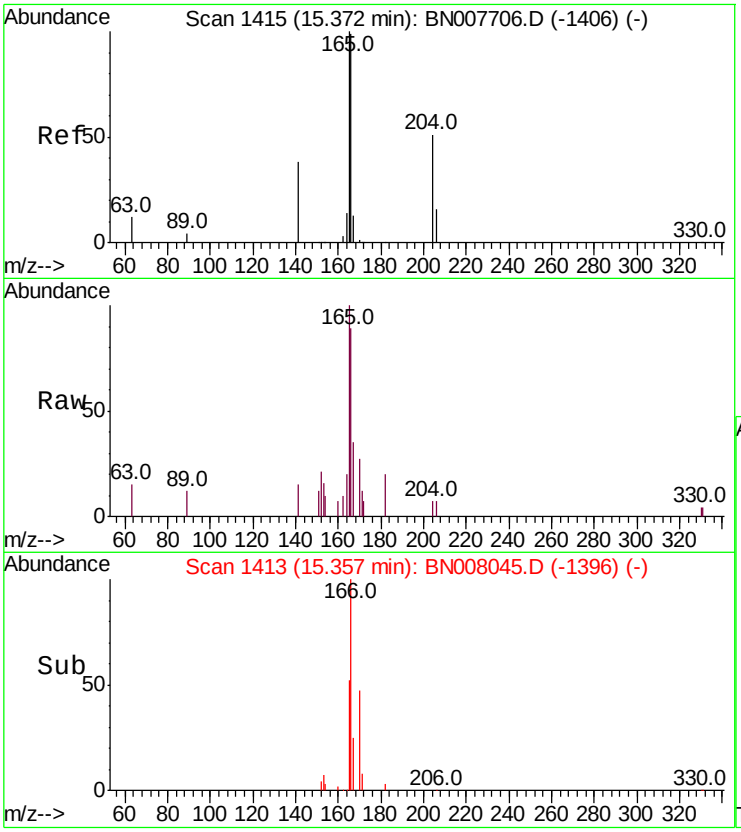


#17
Acenaphthene
Concen: 0.027 ng
RT: 14.36 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:154 Resp: 971

Ion	Ratio	Lower	Upper
154	100		
153	111.6	87.0	130.4
152	67.6	42.7	64.1#



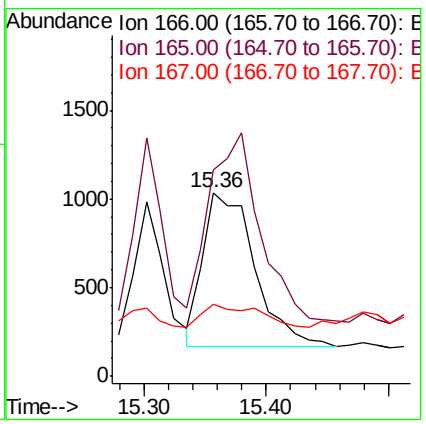


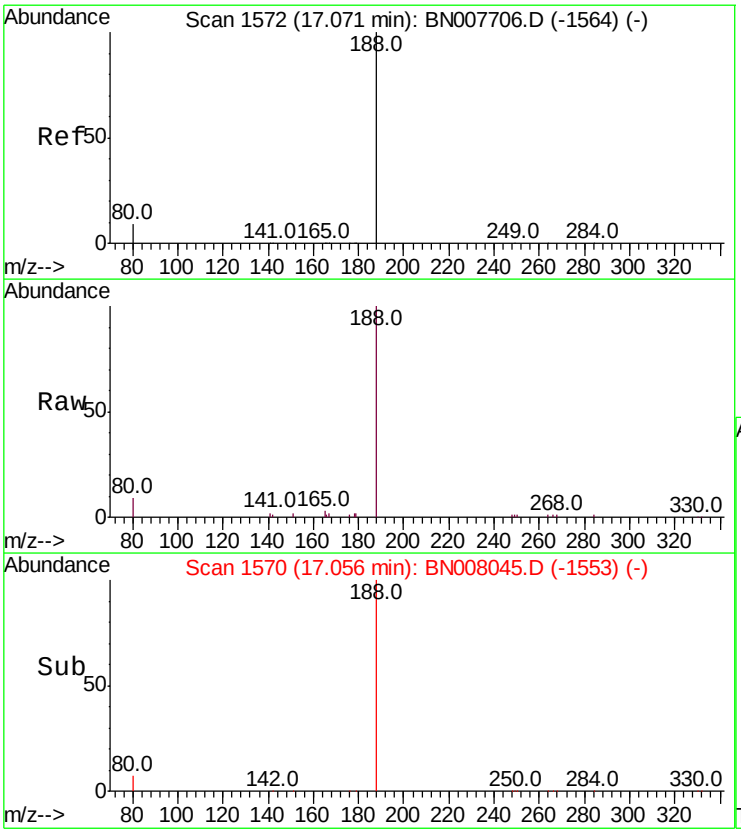
#18
Fluorene
Concen: 0.056 ng
RT: 15.36 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:166 Resp: 2554

Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.0	117.0#
167	16.2	10.9	16.3

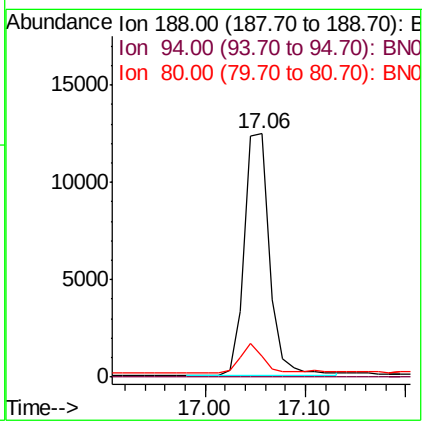


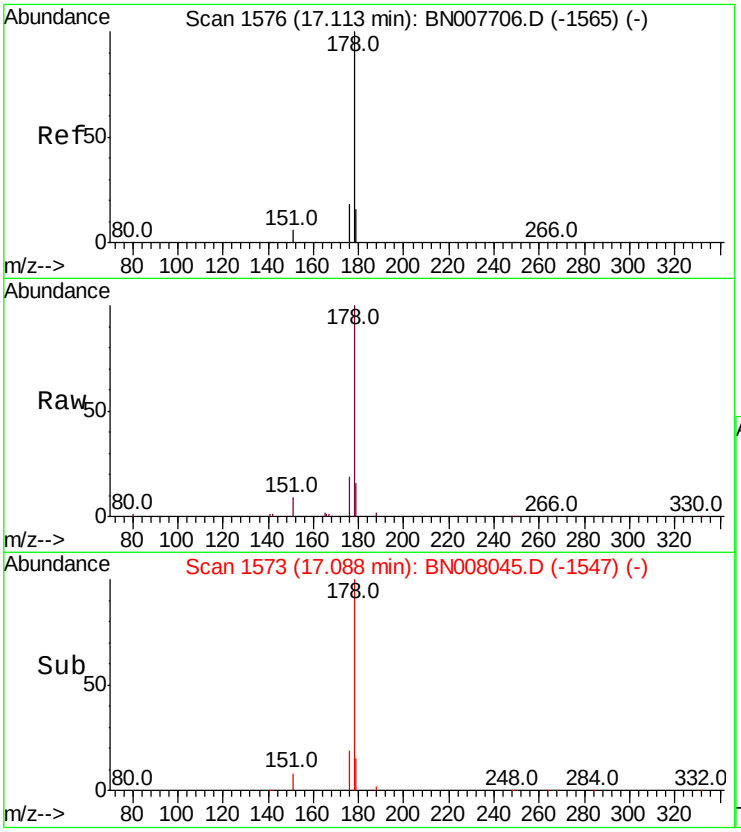


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:188 Resp: 21549

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	7.4	11.2



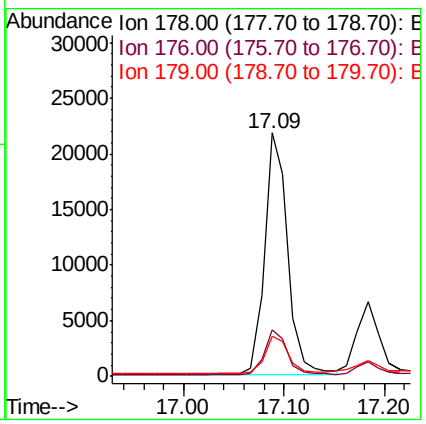


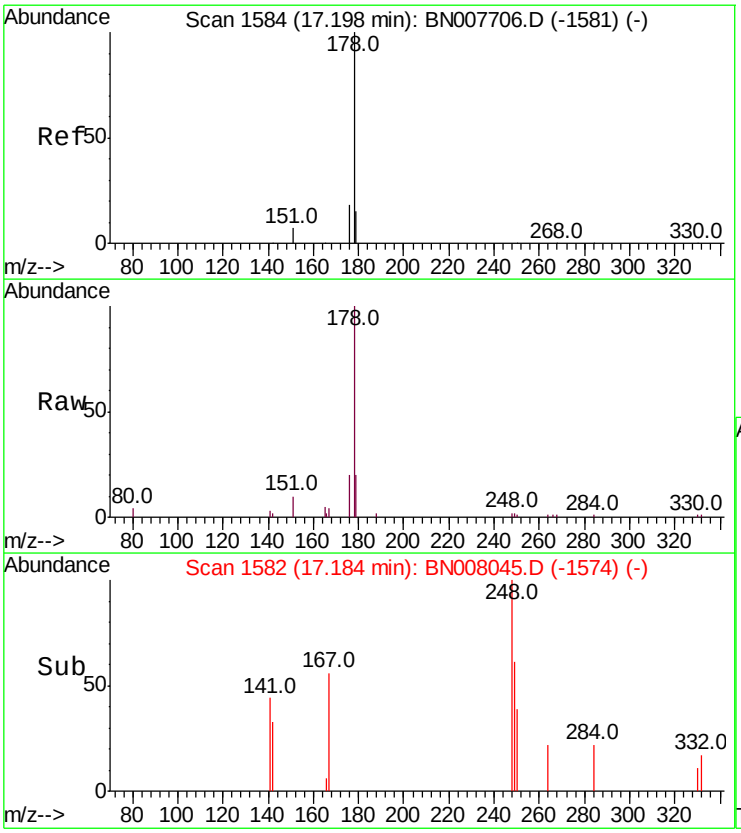
#23
Phenanthrene
Concen: 0.522 ng
RT: 17.09 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:178 Resp: 35020

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	16.5	12.5	18.7

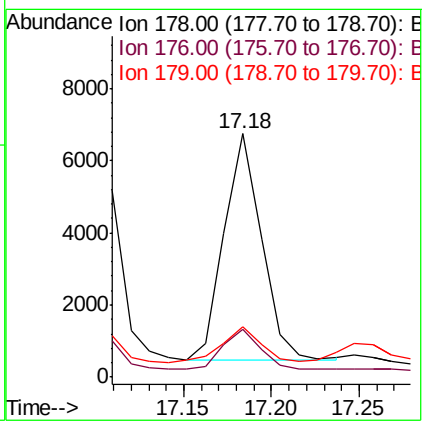


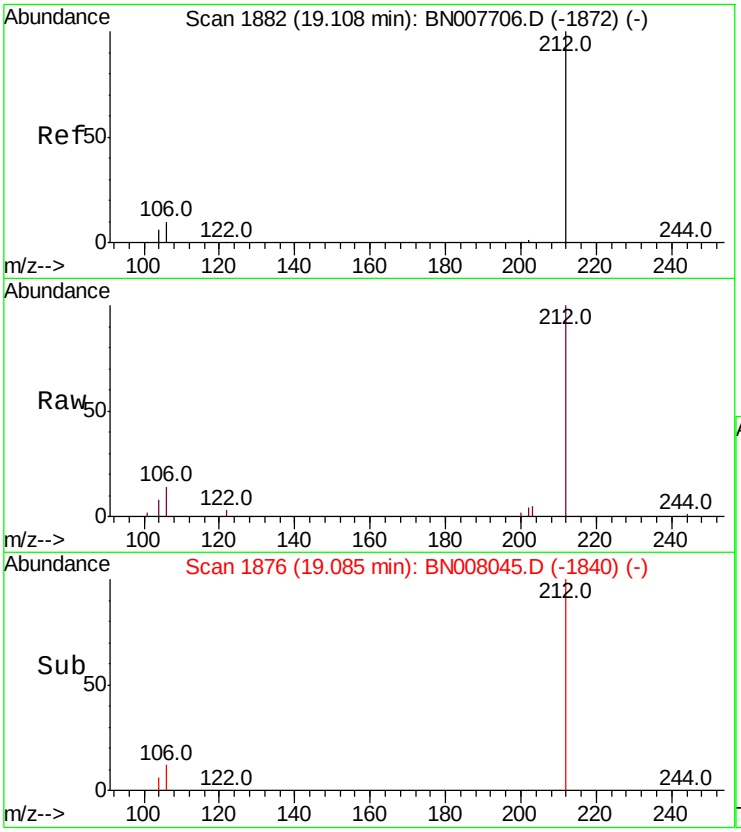


#24
Anthracene
Concen: 0.152 ng
RT: 17.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:178 Resp: 9206

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	16.0	12.2	18.4



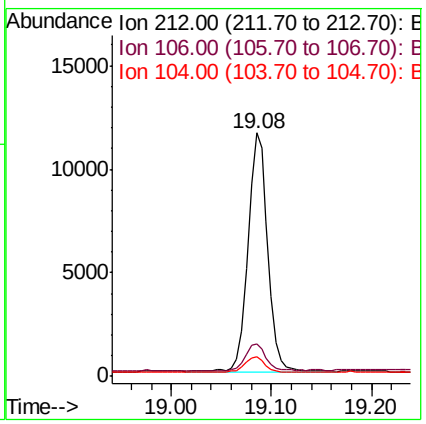


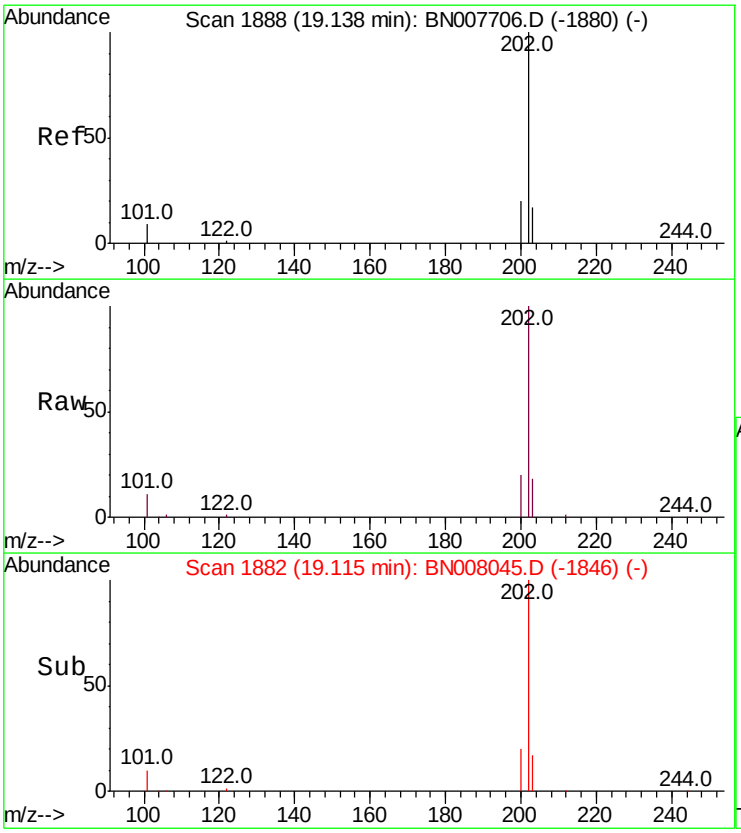
#25
Fluoranthene-d10
Concen: 0.217 ng
RT: 19.08 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:212 Resp: 15757

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.4	14.0
104	6.8	5.3	7.9

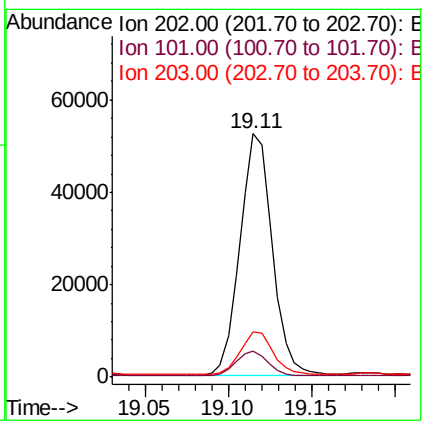


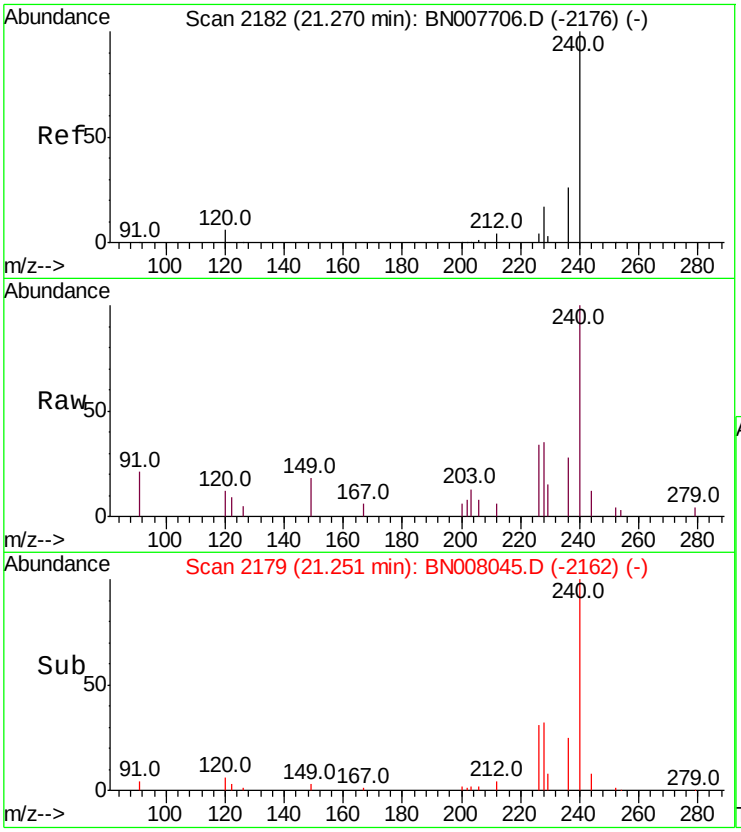


#26
Fluoranthene
Concen: 0.852 ng
RT: 19.11 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:202 Resp: 71085

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.4	12.6
203	17.9	13.8	20.8



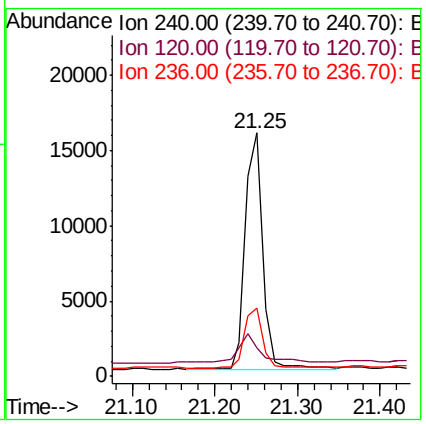


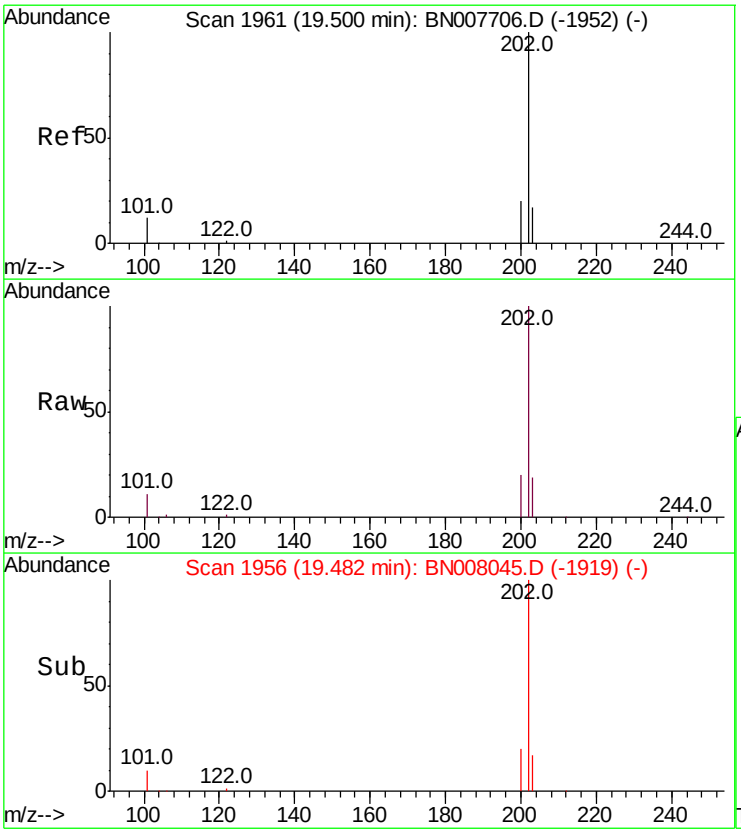
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:240 Resp: 22752

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.4	8.2#
236	28.0	21.0	31.4

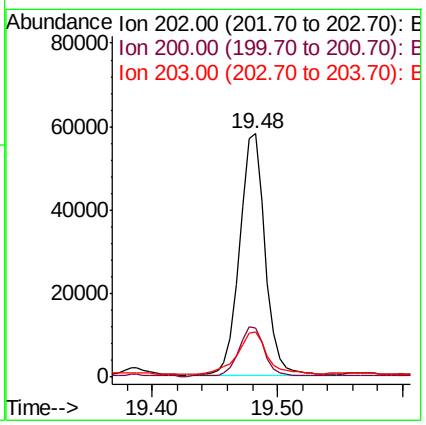


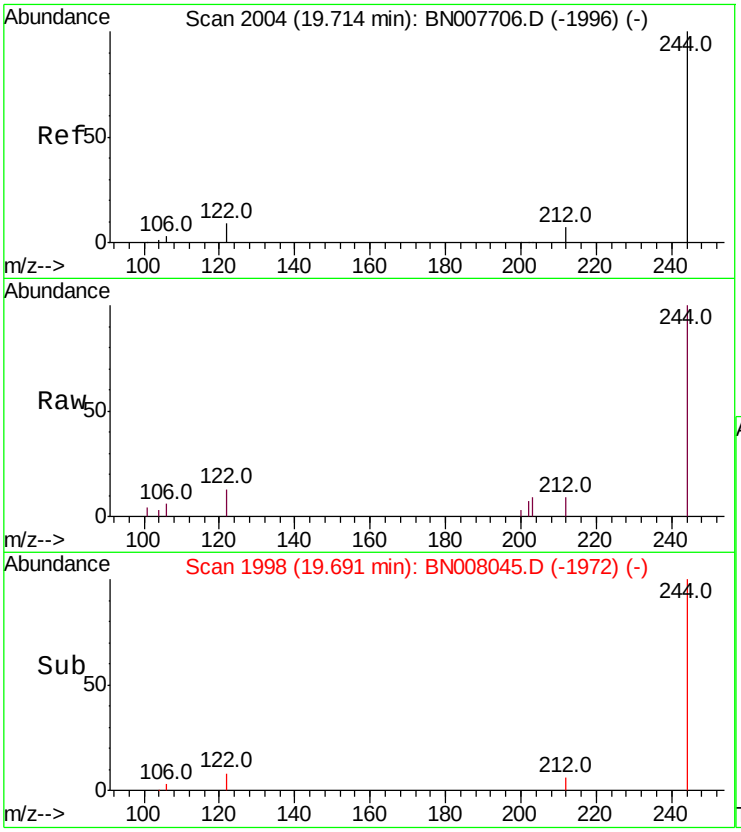


#28
Pyrene
Concen: 1.048 ng
RT: 19.48 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:202 Resp: 81325

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	20.7	14.1	21.1



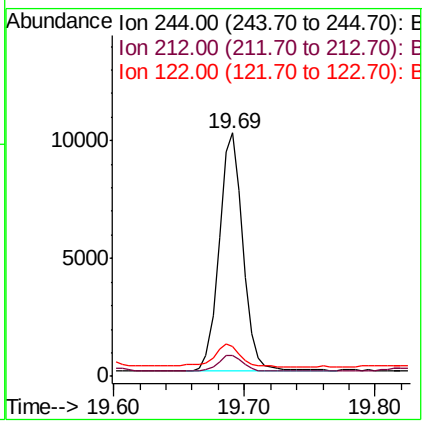


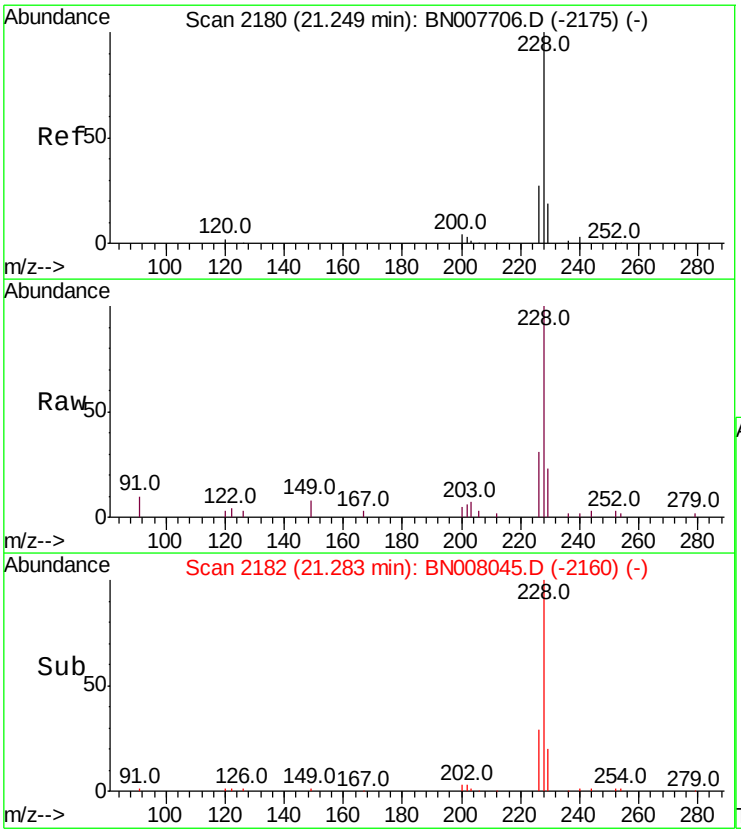
#29
Terphenyl-d14
Concen: 0.228 ng
RT: 19.69 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:244 Resp: 12759

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.9	8.9
122	12.5	7.4	11.2#

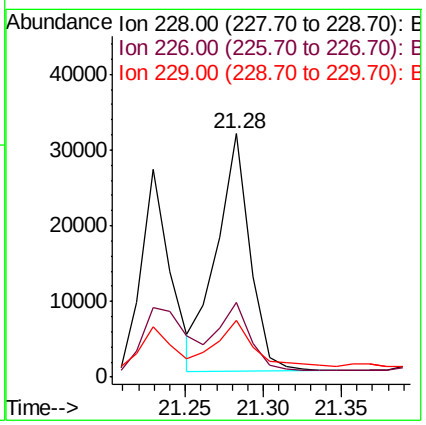


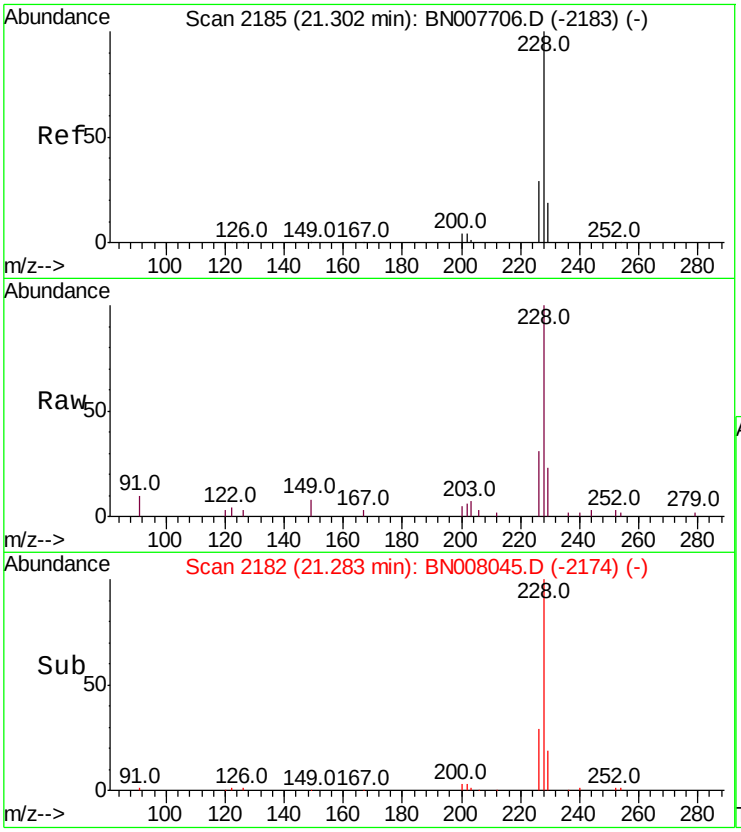


#30
Benzo(a)anthracene
Concen: 0.551 ng
RT: 21.28 min Scan# 2182
Delta R.T. 0.03 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:228 Resp: 46190

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.1	33.1
229	23.3	15.8	23.6



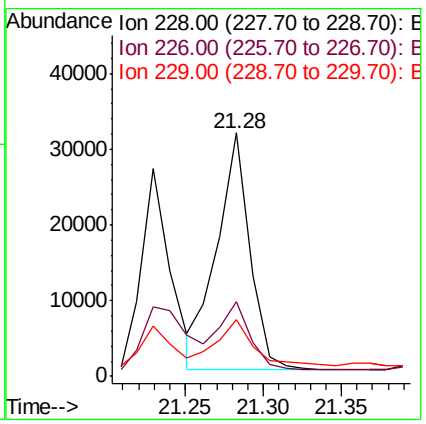


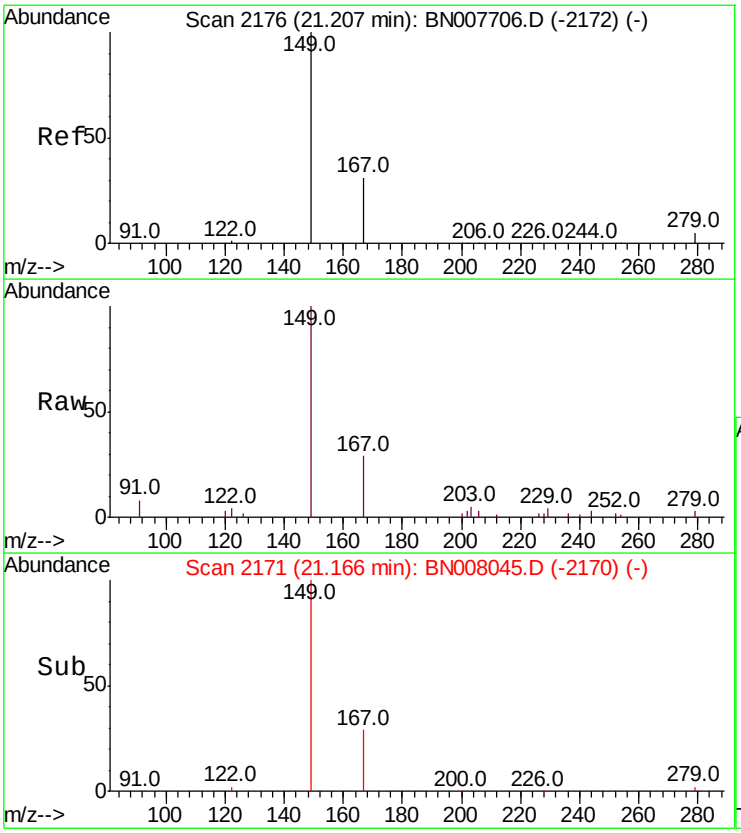
#31
Chrysene
Concen: 0.561 ng
RT: 21.28 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:228 Resp: 45842

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	23.3	15.8	23.6

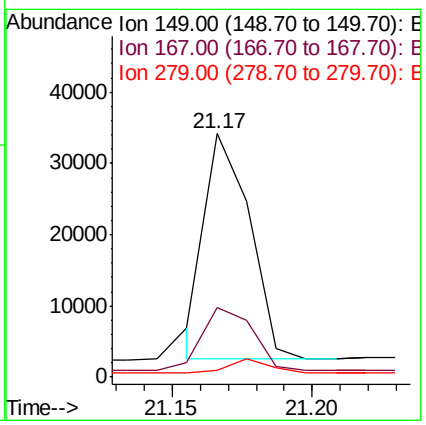


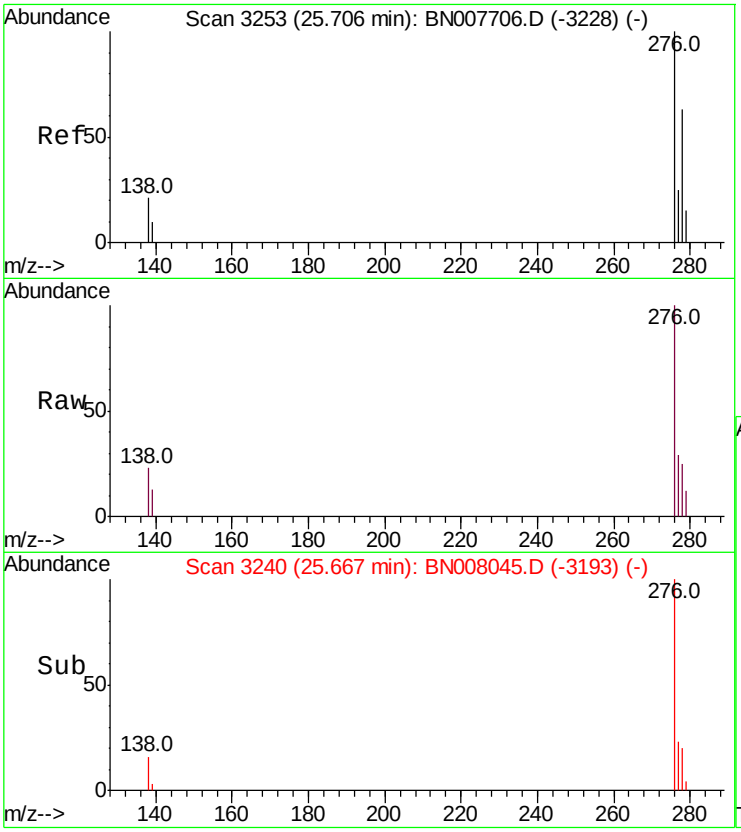


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.817 ng
RT: 21.17 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:149 Resp: 35207

Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.7	35.5
279	5.9	4.2	6.2



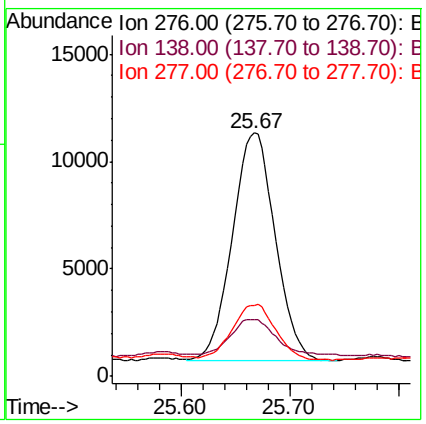


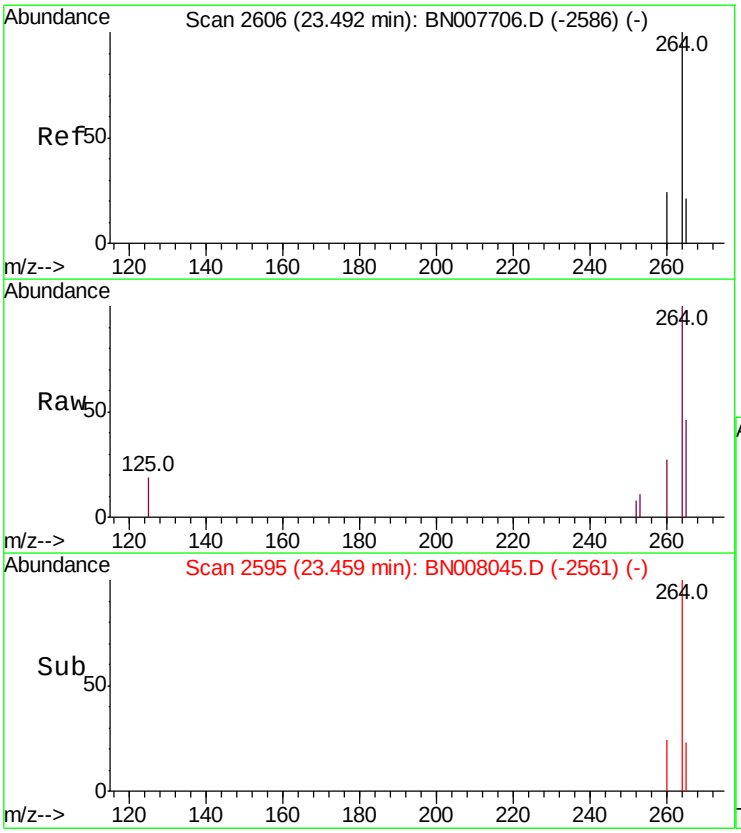
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng
RT: 25.67 min Scan# 3240
Delta R.T. -0.04 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:276 Resp: 28953

Ion	Ratio	Lower	Upper
276	100		
138	16.8	17.1	25.7#
277	24.9	20.0	30.0

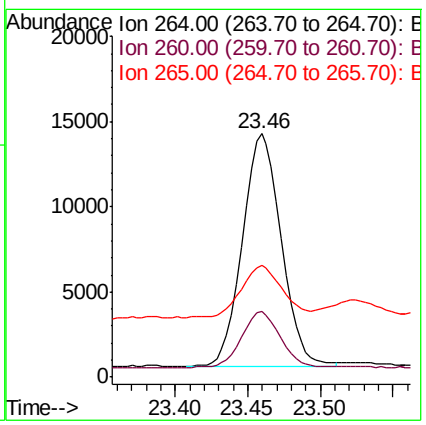


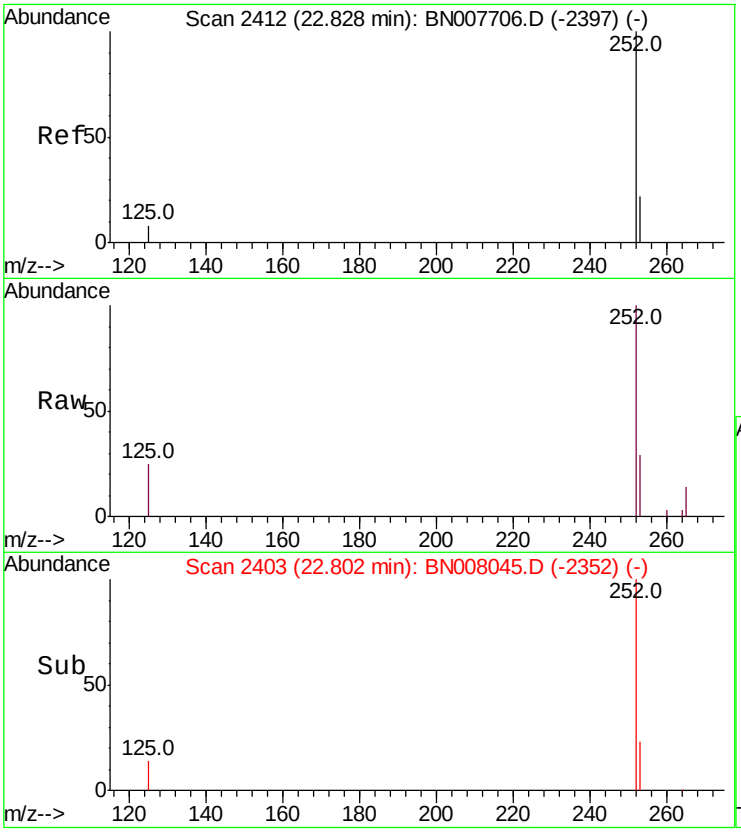


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2595
Delta R.T. -0.03 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:264 Resp: 25324

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.3	28.9
265	45.7	26.9	40.3#



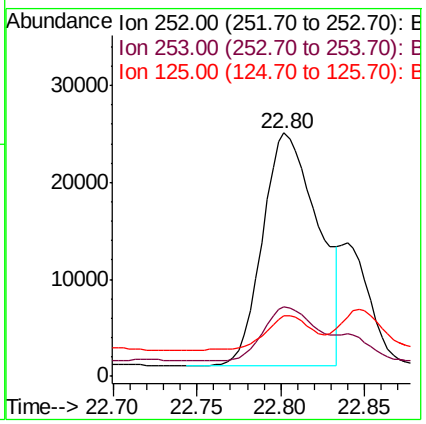


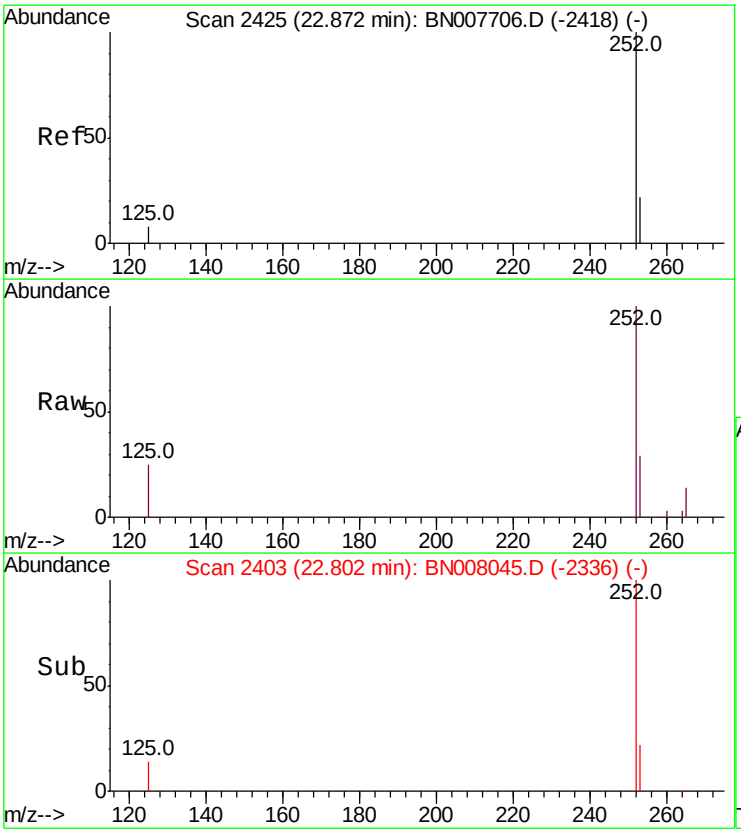
#35
Benzo(b)fluoranthene
Concen: 0.632 ng
RT: 22.80 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:252 Resp: 55564

Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.3	27.5#
125	24.7	8.2	12.4#

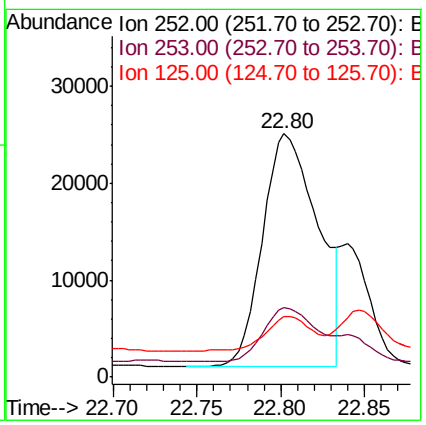


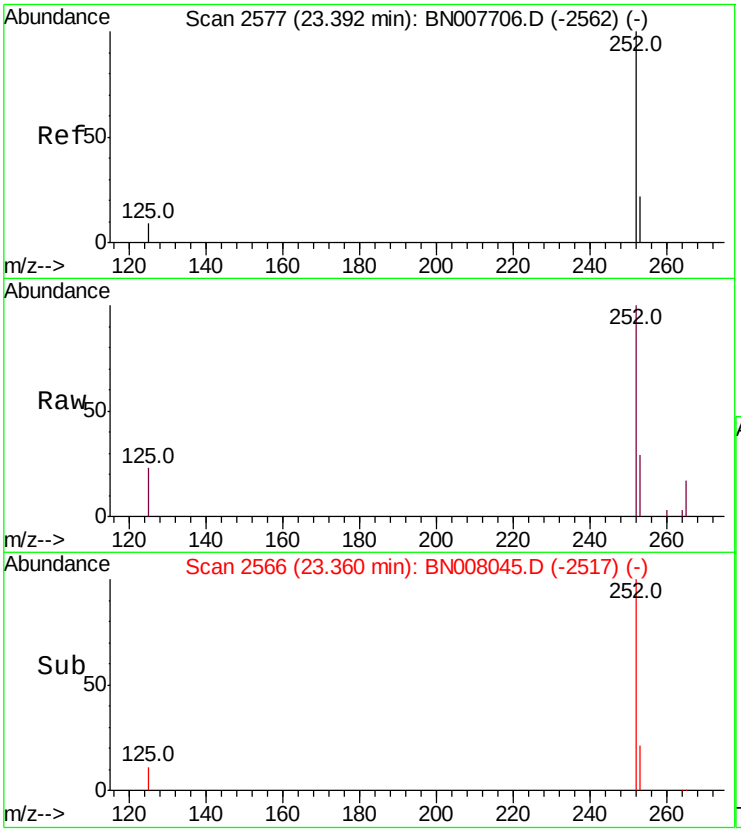


#36
Benzo(k)fluoranthene
Concen: 0.639 ng
RT: 22.80 min Scan# 2403
Delta R.T. -0.07 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:252 Resp: 55564

Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.5	27.7#
125	24.7	8.4	12.6#



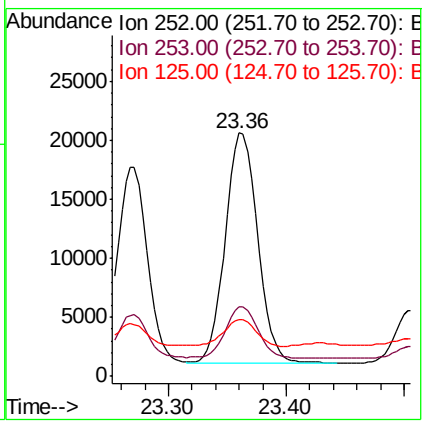


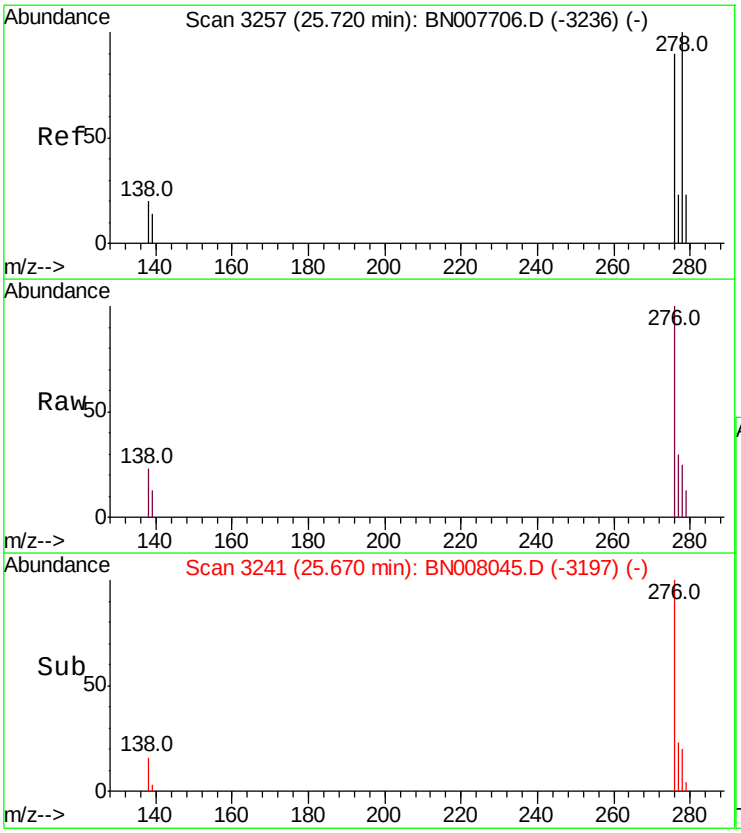
#37
Benzo(a)pyrene
Concen: 0.451 ng
RT: 23.36 min Scan# 2566
Delta R.T. -0.03 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:252 Resp: 37284

Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.6	27.8#
125	23.2	9.4	14.0#

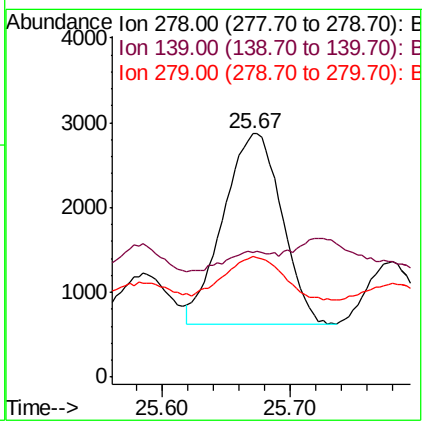


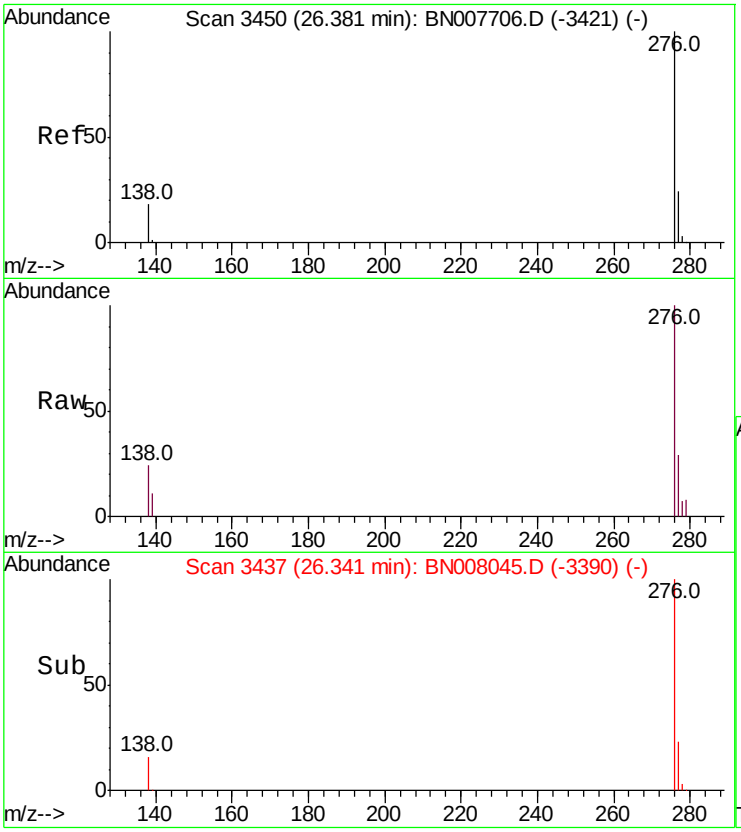


#38
Dibenzo(a,h)anthracene
Concen: 0.084 ng
RT: 25.67 min Scan# 3241
Delta R.T. -0.05 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Tgt Ion:278 Resp: 7096

Ion	Ratio	Lower	Upper
278	100		
139	51.2	11.8	17.6#
279	49.7	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.378 ng
RT: 26.34 min Scan# 3437
Delta R.T. -0.04 min
Lab File: BN008045.D
Acq: 06 Oct 2019 05:00

Instrument :
BNA_N
ClientSampleId :
PST-024-SW128-092519

Tgt Ion:276 Resp: 31597

Ion	Ratio	Lower	Upper
276	100		
277	29.0	19.8	29.8
138	23.8	15.1	22.7#