Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006727.D
Acq On : 05 Jul 2019 21:44
Operator : HP/JU
Sample : K3561-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-012-B226-062419

Quant Time: Jul 05 22:53:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2923	0.40	ng		-0.03
7) Naphthalene-d8	10.36	136	11068	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	6617	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	15346	0.40	ng		-0.02
27) Chrysene-d12	21.23	240	15429	0.40	ng		-0.03
34) Perylene-d12	23.45	264	17789	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	3039	0.38	ng		-0.02
5) Phenol-d6	6.80	99	4054	0.40	ng		-0.03
8) Nitrobenzene-d5	8.78	82	2829	0.33	ng		-0.01
11) 2-Methylnaphthalene-d10	11.97	152	5873	0.35	ng		-0.02
14) 2,4,6-Tribromophenol	15.77	330	1186	0.36	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	7783	0.30	ng		-0.02
25) Fluoranthene-d10	19.05	212	11929	0.27	ng		-0.02
29) Terphenyl-d14	19.65	244	8261	0.23	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.53	42	16	0.005	ng	#	1
6) bis(2-Chloroethyl)ether	7.02	93	33	0.004	ng	#	10
9) Naphthalene	10.41	128	1484	0.049	ng	#	77
10) Hexachlorobutadiene	10.69	225	5	0.001	ng	#	18
12) 2-Methylnaphthalene	12.05	142	346	Below Cal		#	74
16) Acenaphthylene	13.96	152	2518	0.076	ng		99
17) Acenaphthene	14.30	154	727	0.035	ng		97
18) Fluorene	15.31	166	697	0.027	ng	#	91
20) 4-Bromophenyl-phenylether	16.20	248	3	0.000	ng	#	31
21) Hexachlorobenzene	16.30	284	5	0.000	ng	#	43
22) Pentachlorophenol	16.74	266	7	0.115	ng	#	78
23) Phenanthrene	17.05	178	17401	0.393	ng		100
24) Anthracene	17.14	178	4089	0.102	ng		97
26) Fluoranthene	19.08	202	45695	0.880	ng		100
28) Pyrene	19.44	202	42565	0.689	ng		97
30) Benzo(a)anthracene	21.22	228	28664	0.539	ng		96
31) Chrysene	21.27	228	25648	0.468	ng		97
32) Bis(2-ethylhexyl)phthalate	21.13	149	3297	0.021	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.67	276	17976	0.274	ng		94
35) Benzo(b)fluoranthene	22.79	252	36207	0.634	ng		98
36) Benzo(k)fluoranthene	22.79	252	36207	0.585	ng		99
37) Benzo(a)pyrene	23.26	252	17393	0.314	ng		99
38) Dibenzo(a,h)anthracene	25.68	278	4777	0.087	ng	#	77
39) Benzo(g,h,i)perylene	26.35	276	16580	0.293	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006727.D
Acq On : 05 Jul 2019 21:44
Operator : HP/JU
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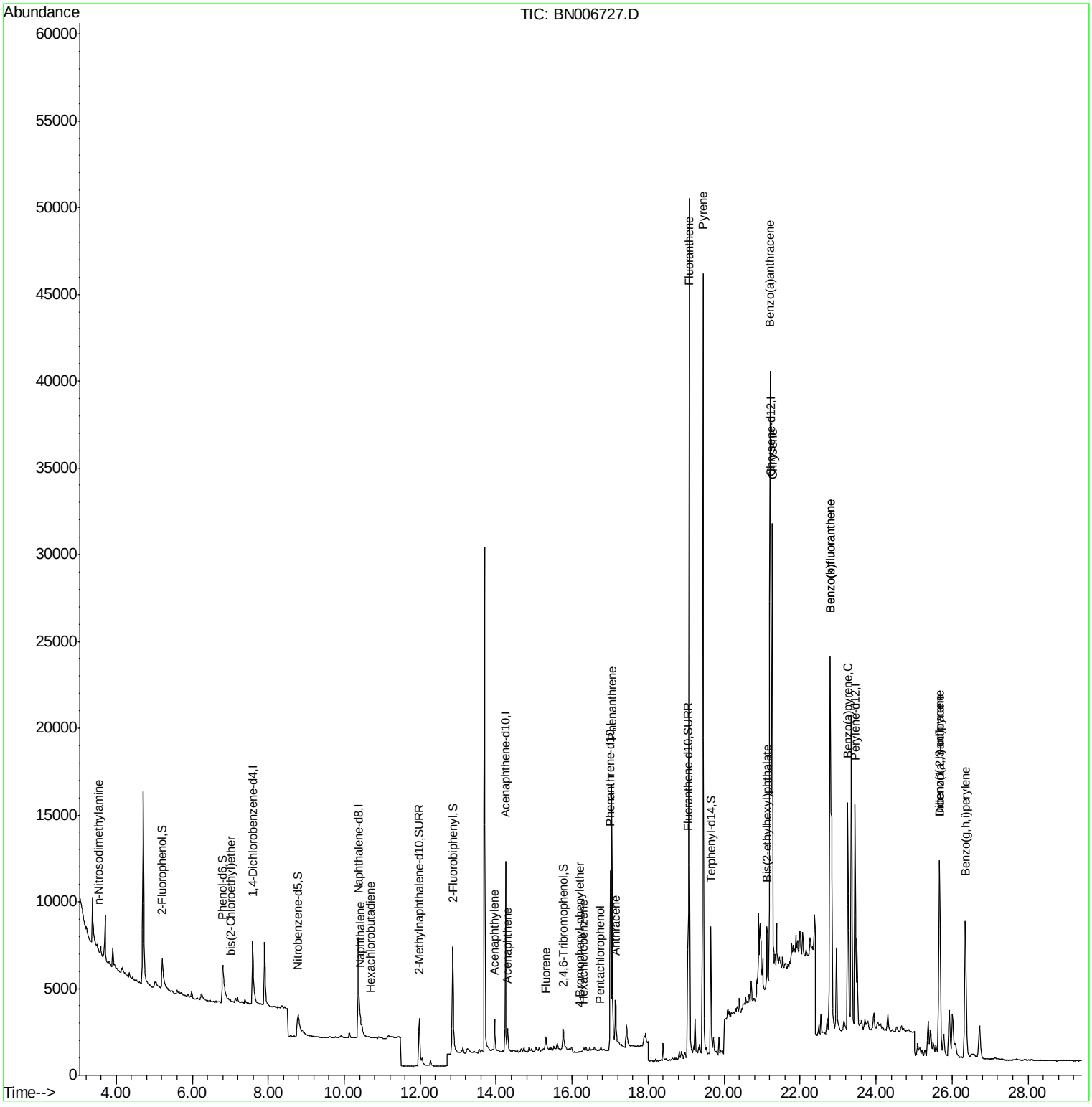
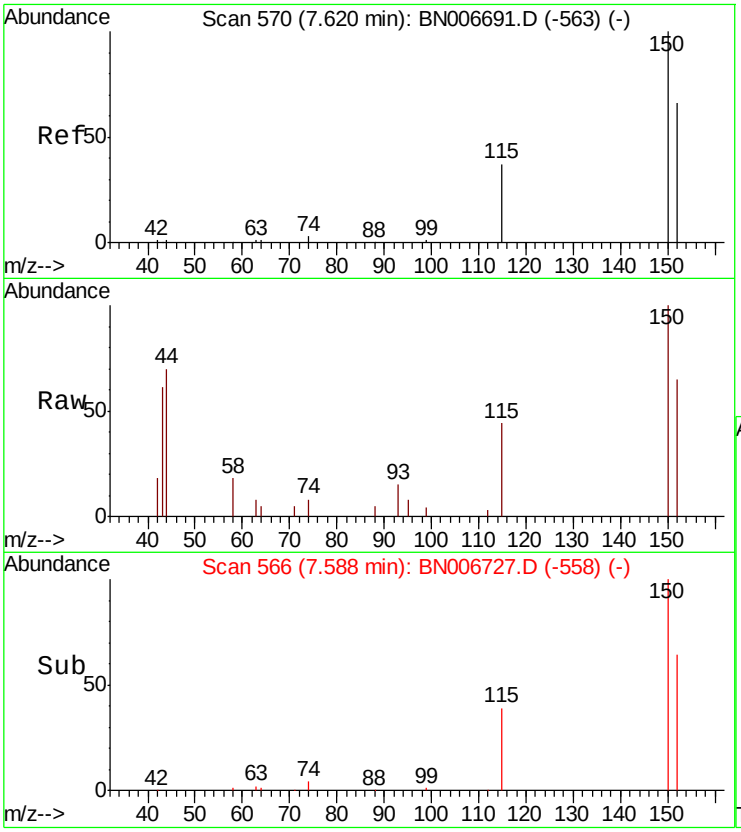
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Quant Time: Jul 05 22:53:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration



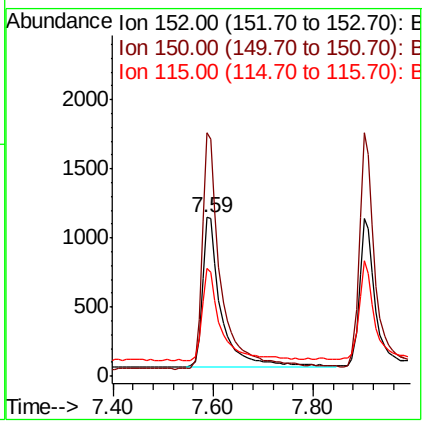


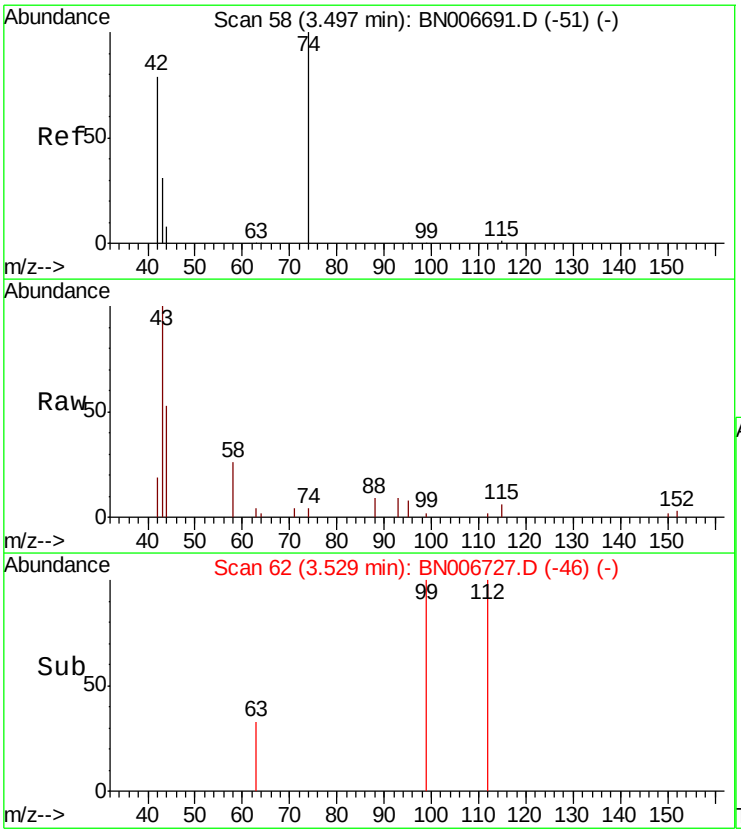
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:152 Resp: 2923

Ion	Ratio	Lower	Upper
152	100		
150	153.2	120.6	181.0
115	67.8	51.0	76.6

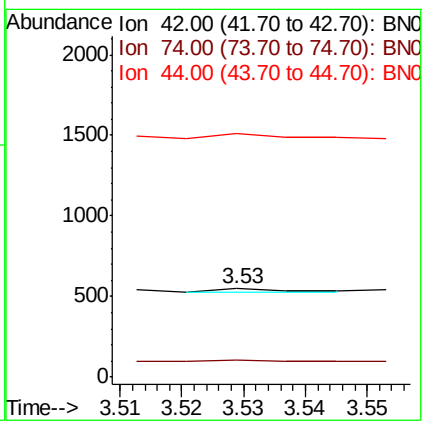


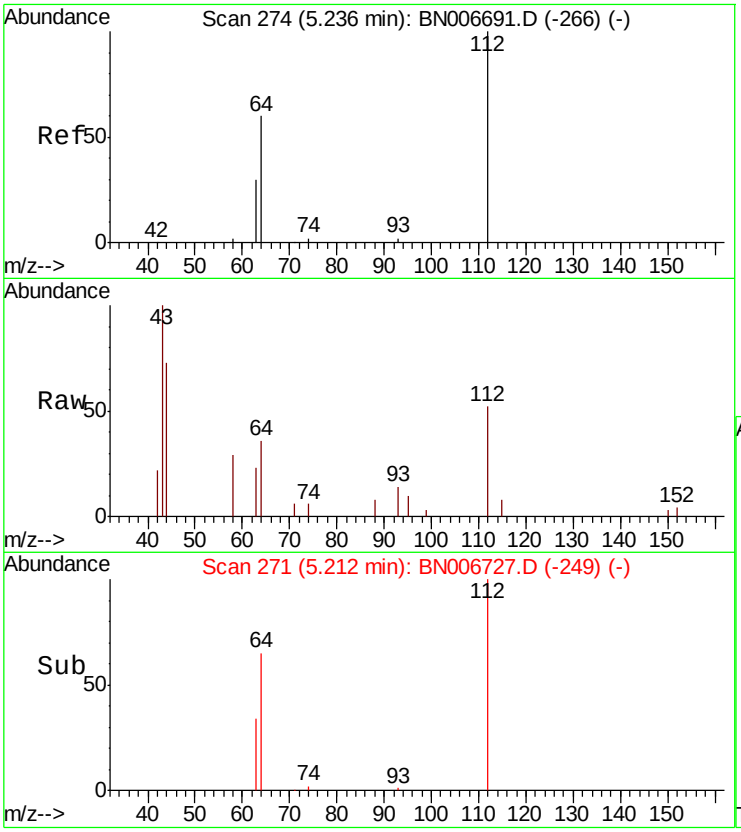


#3
n-Nitrosodimethylamine
Concen: 0.005 ng
RT: 3.53 min Scan# 62
Delta R.T. 0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion: 42 Resp: 16

Ion	Ratio	Lower	Upper
42	100		
74	25.0	106.6	160.0#
44	162.5	8.0	12.0#



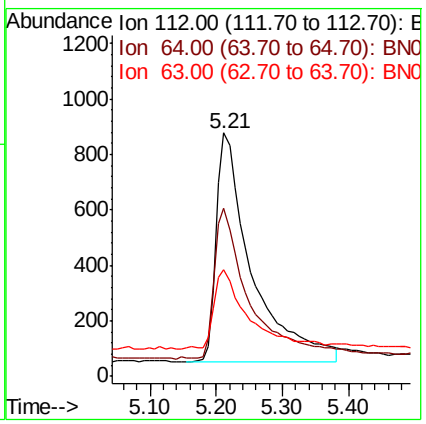


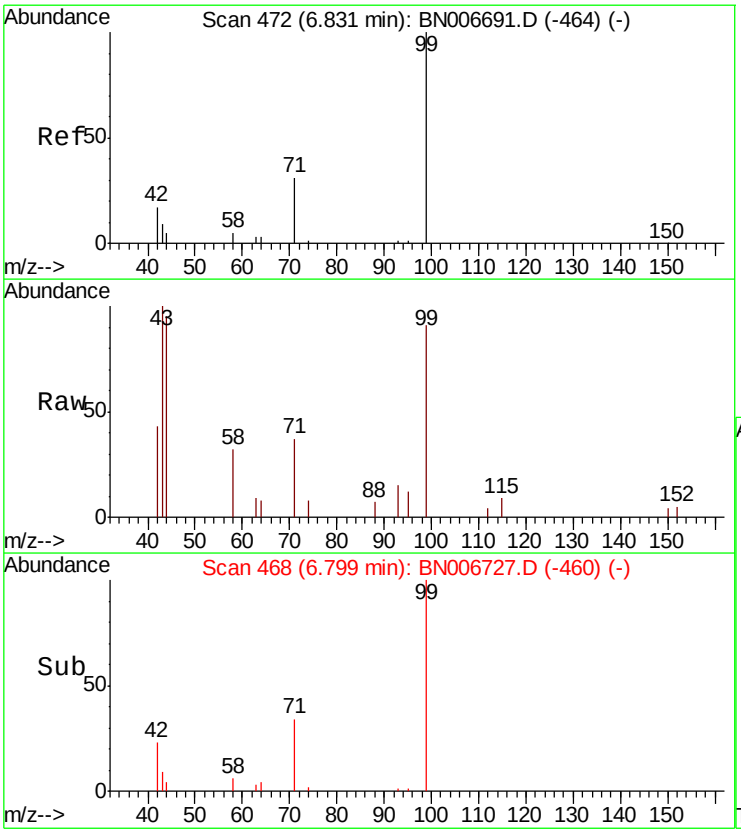
#4
2-Fluorophenol
Concen: 0.383 ng
RT: 5.21 min Scan# 271
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:112 Resp: 3039

Ion	Ratio	Lower	Upper
112	100		
64	65.2	49.8	74.6
63	34.4	25.8	38.6

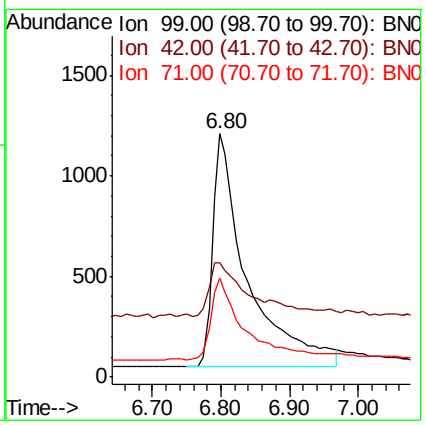


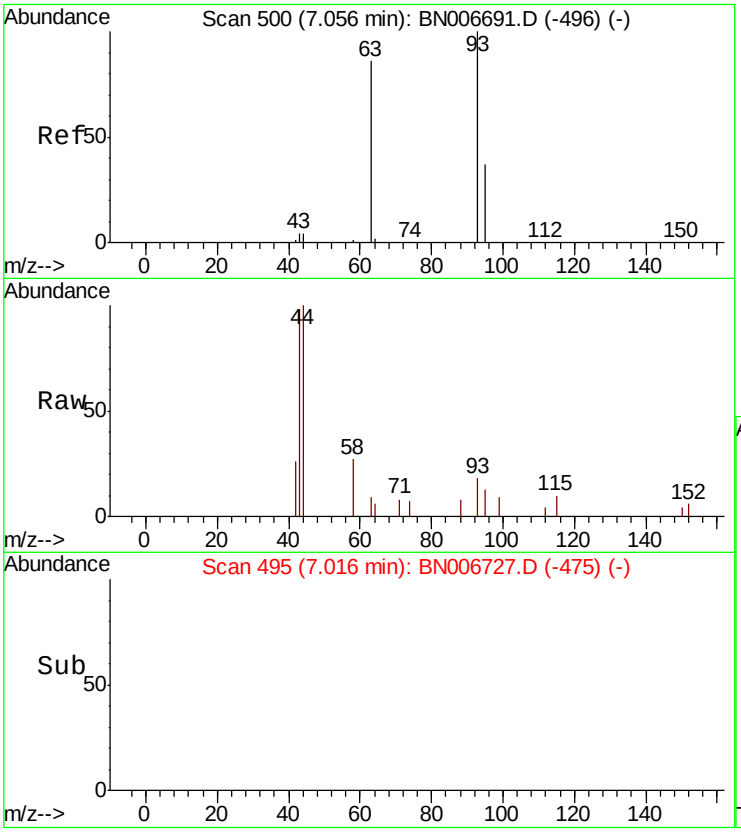


#5
Phenol-d6
Concen: 0.403 ng
RT: 6.80 min Scan# 468
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion: 99 Resp: 4054

Ion	Ratio	Lower	Upper
99	100		
42	29.2	16.6	25.0#
71	34.3	26.0	39.0



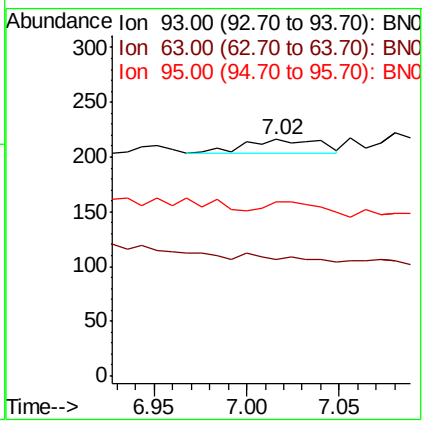


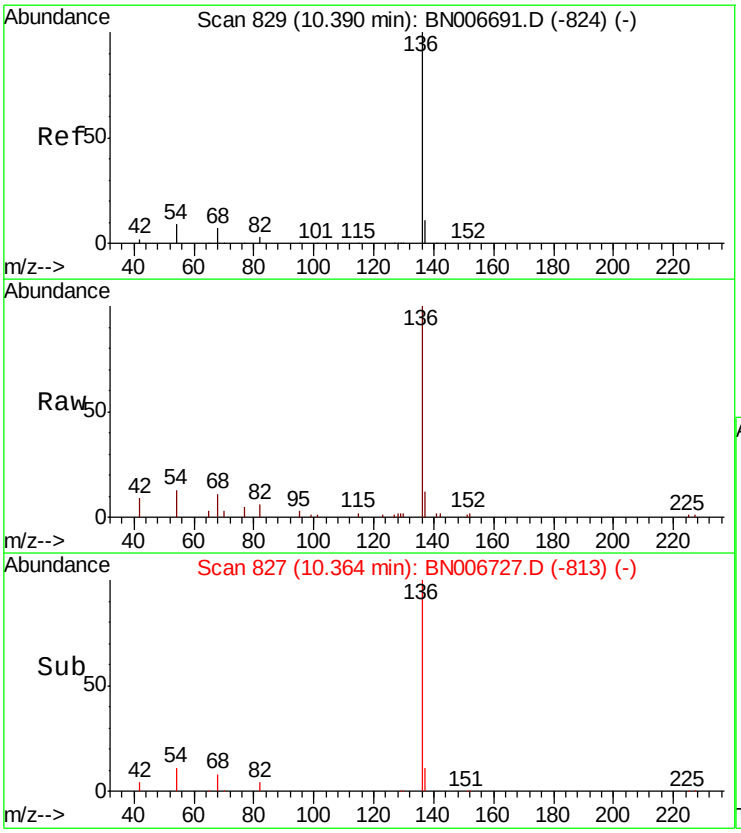
#6
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.02 min Scan# 495
Delta R.T. -0.04 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion: 93 Resp: 33

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.6	87.8#
95	90.9	28.3	42.5#

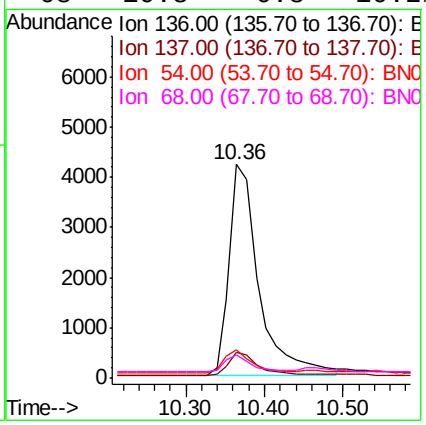


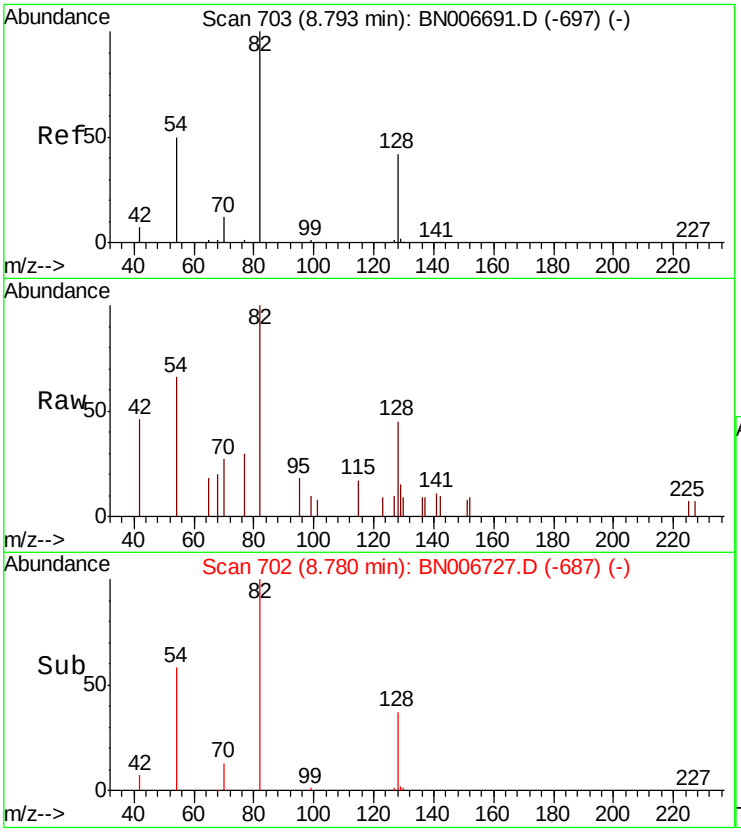


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:136 Resp: 11068

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	13.1	8.4	12.6#
68	10.8	6.8	10.2#



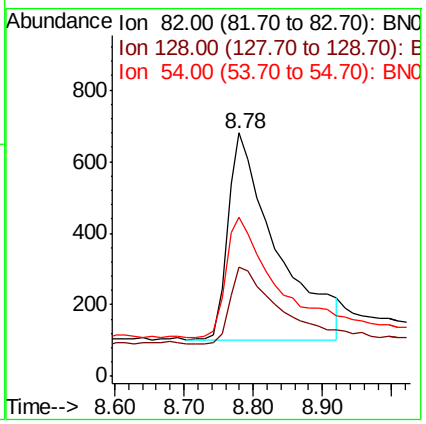


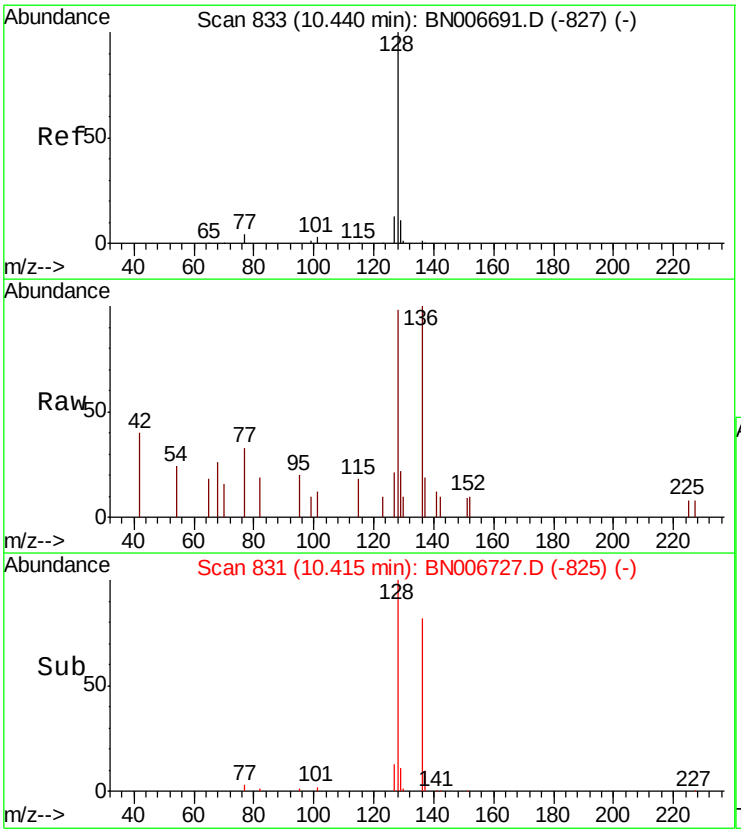
#8
Nitrobenzene-d5
Concen: 0.333 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion: 82 Resp: 2829

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	65.6	44.5	66.7

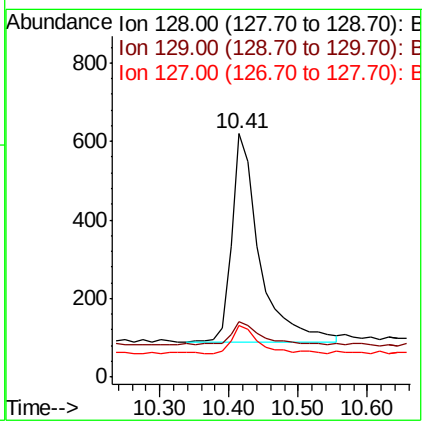


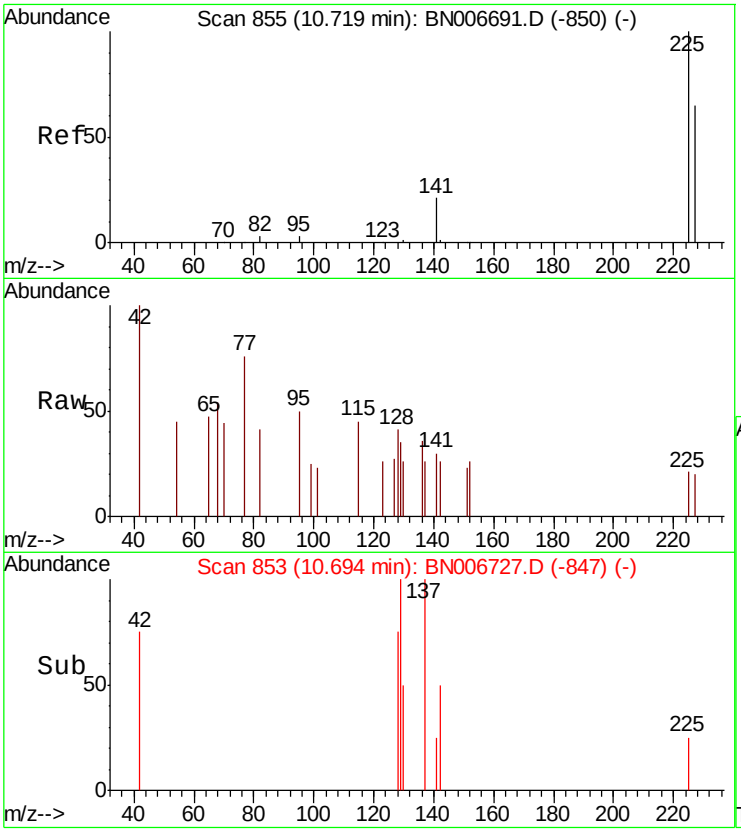


#9
Naphthalene
Concen: 0.049 ng
RT: 10.41 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:128 Resp: 1484

Ion	Ratio	Lower	Upper
128	100		
129	22.9	9.6	14.4#
127	21.1	11.0	16.4#



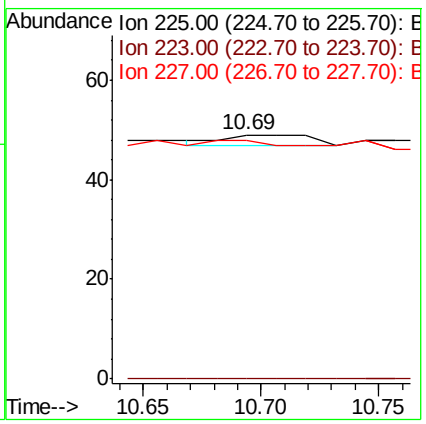


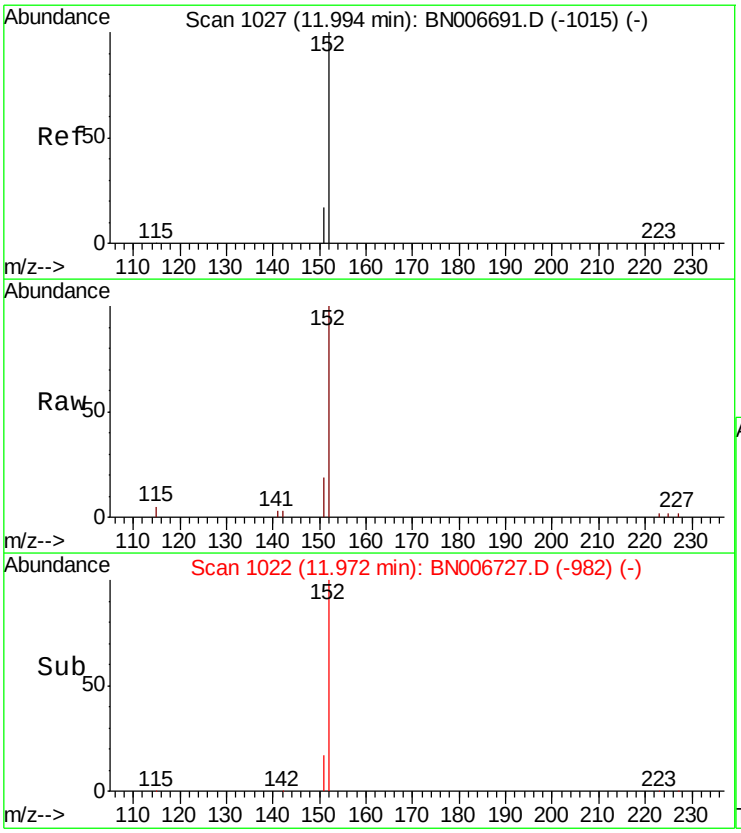
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	50.9	76.3#

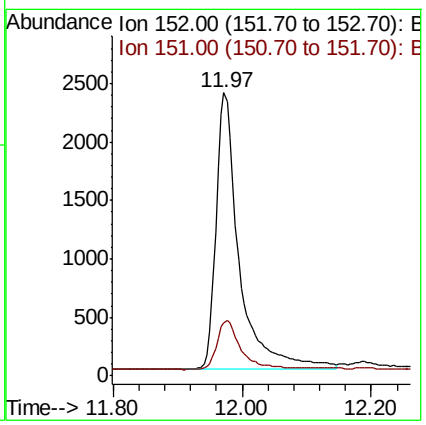


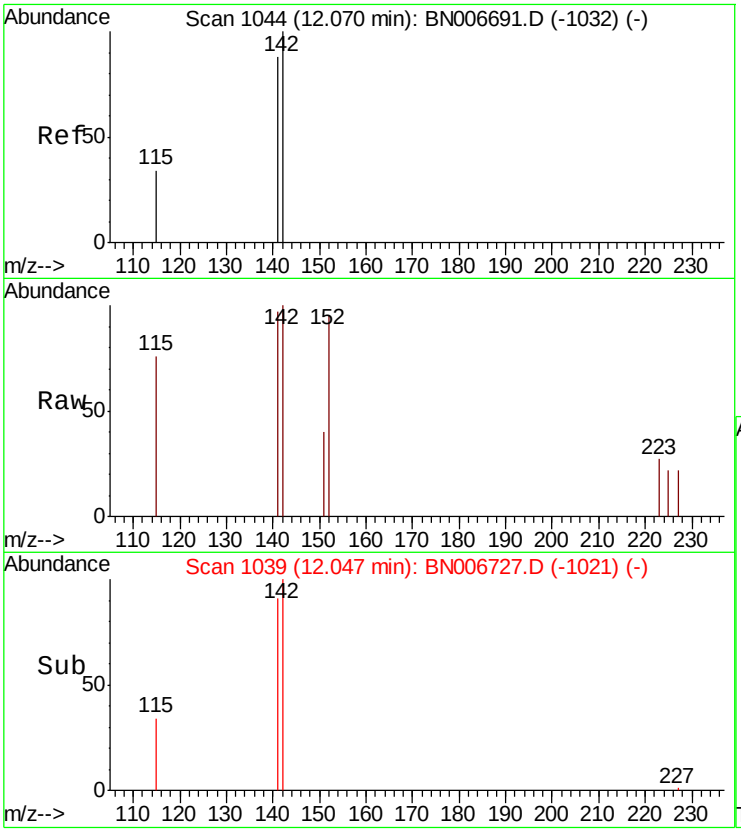


#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 11.97 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:152 Resp: 5873

Ion	Ratio	Lower	Upper
152	100		
151	19.4	14.9	22.3



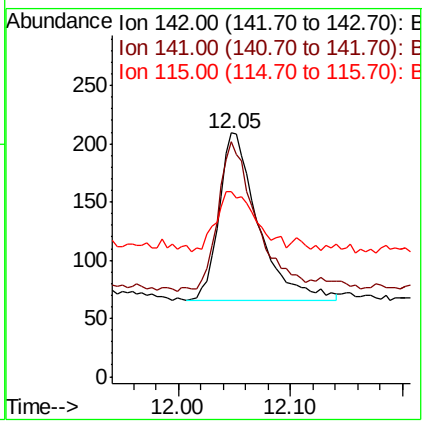


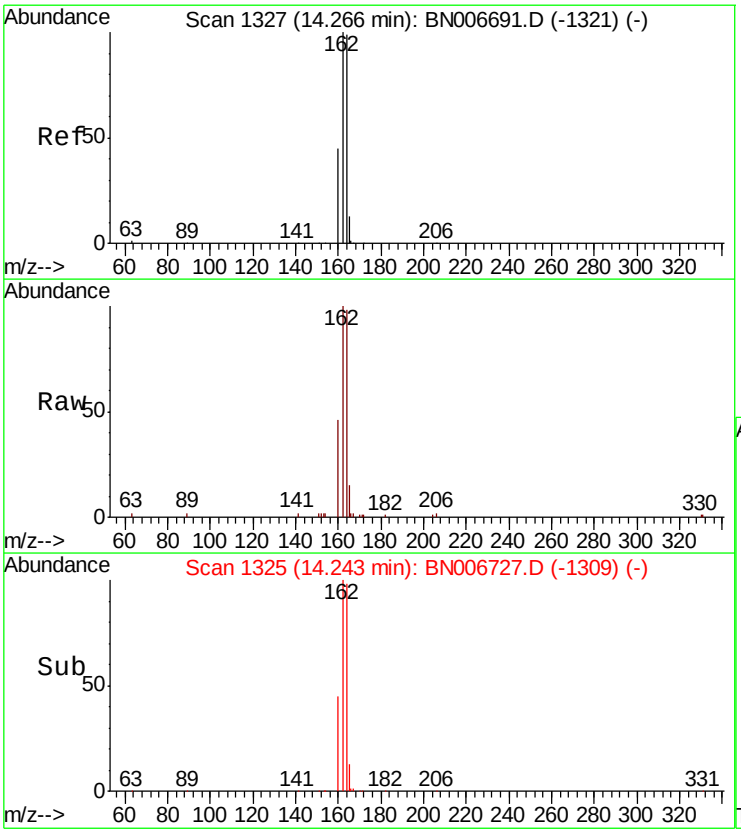
#12
2-Methylnaphthalene
Concen: Below Cal
RT: 12.05 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:142 Resp: 346

Ion	Ratio	Lower	Upper
142	100		
141	96.7	70.3	105.5
115	76.1	28.9	43.3#

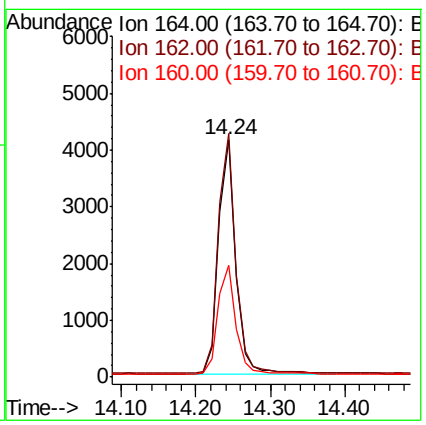


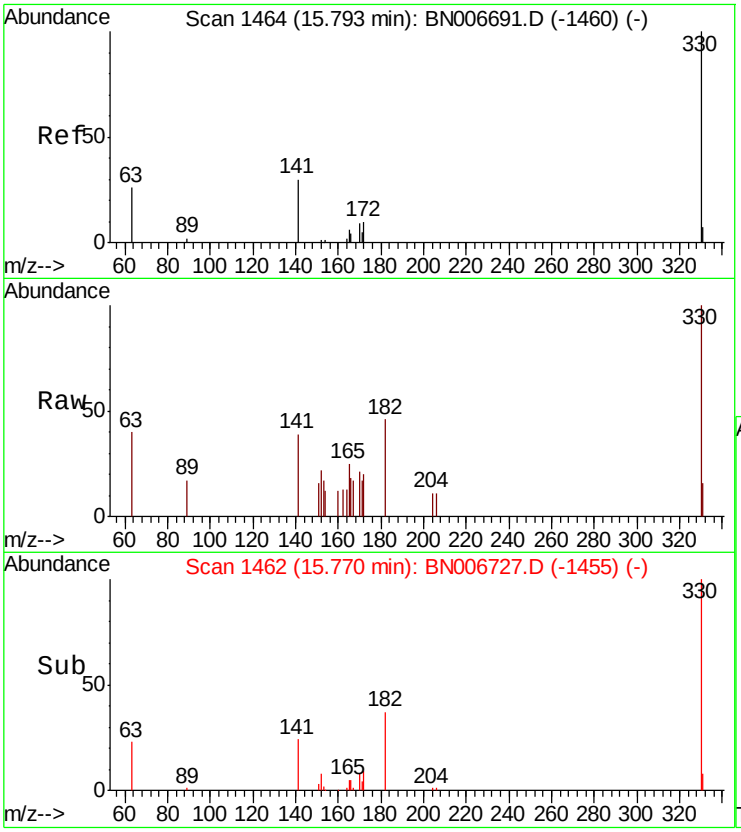


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:164 Resp: 6617

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.8	121.2
160	47.1	37.0	55.6



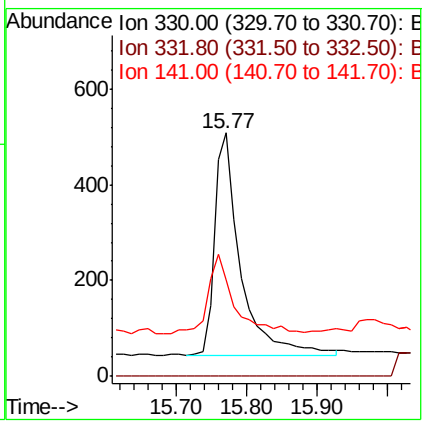


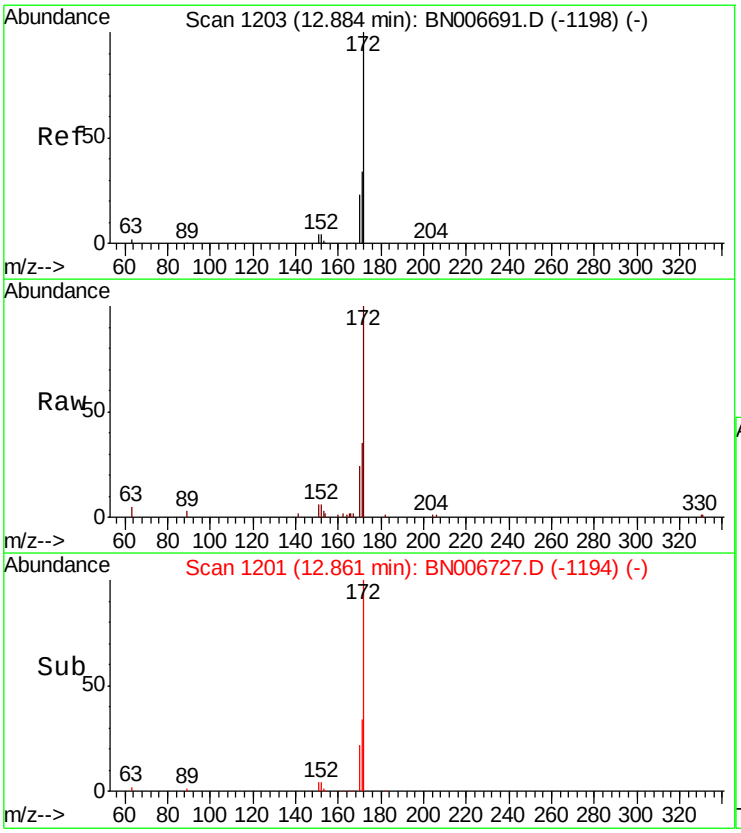
#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:330 Resp: 1186

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.5	24.8	37.2

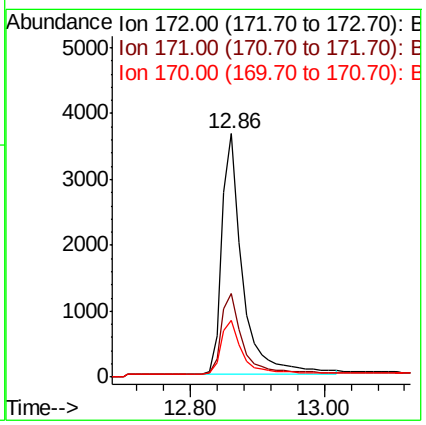


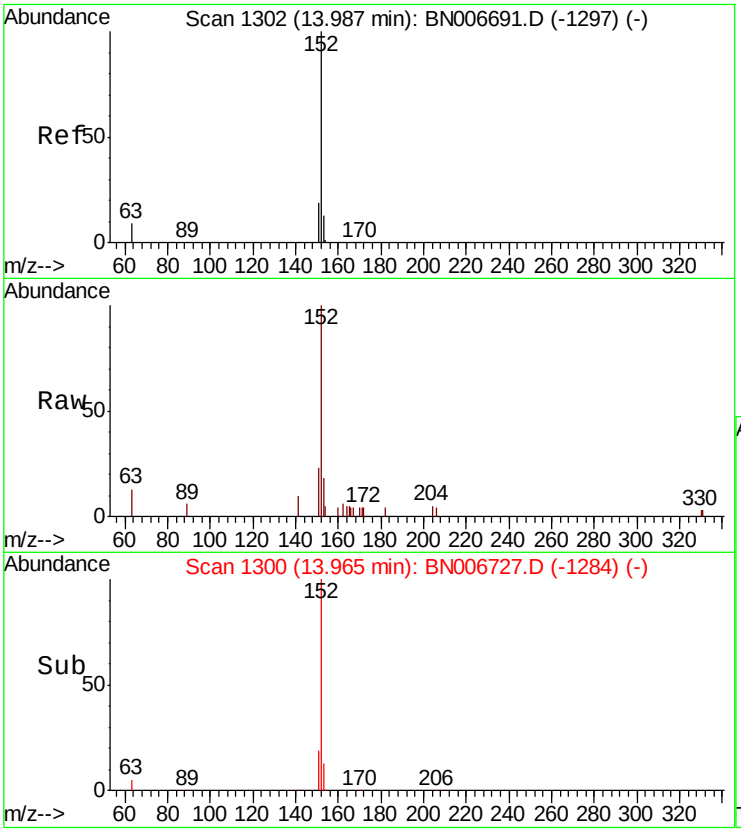


#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:172 Resp: 7783

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	23.5	18.9	28.3



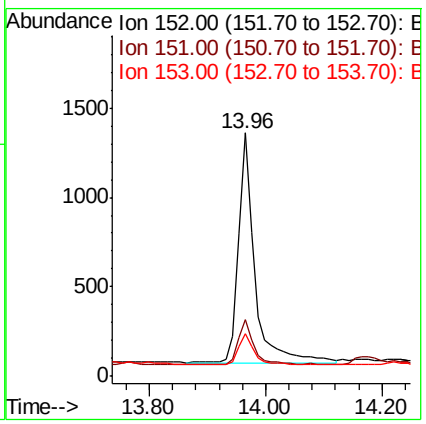


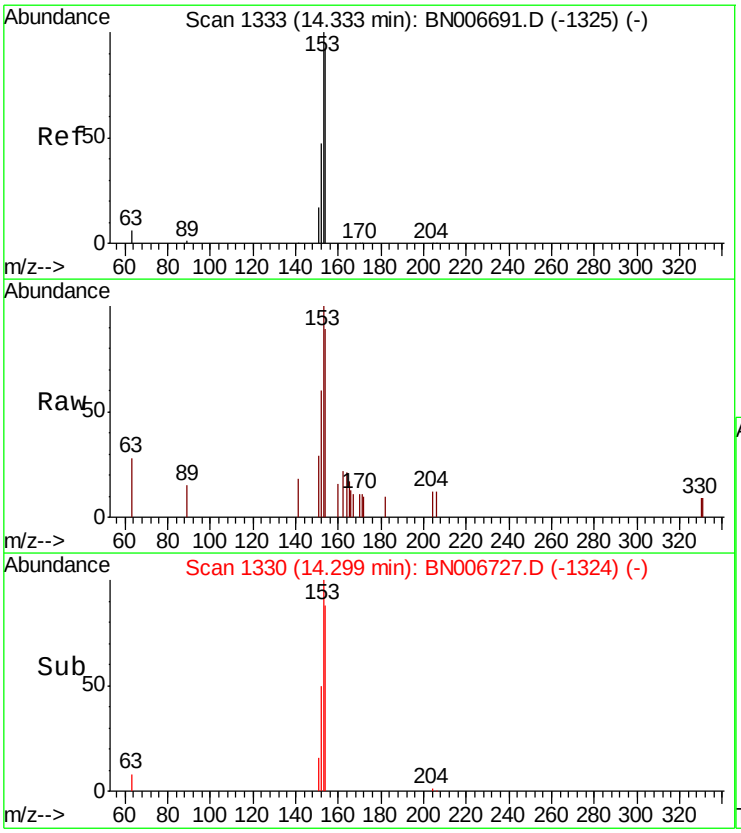
#16
Acenaphthylene
Concen: 0.076 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:152 Resp: 2518

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.7	10.6	15.8

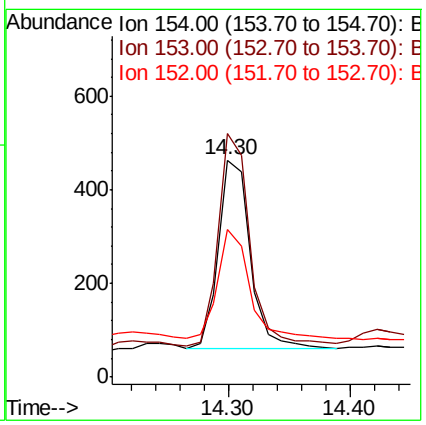


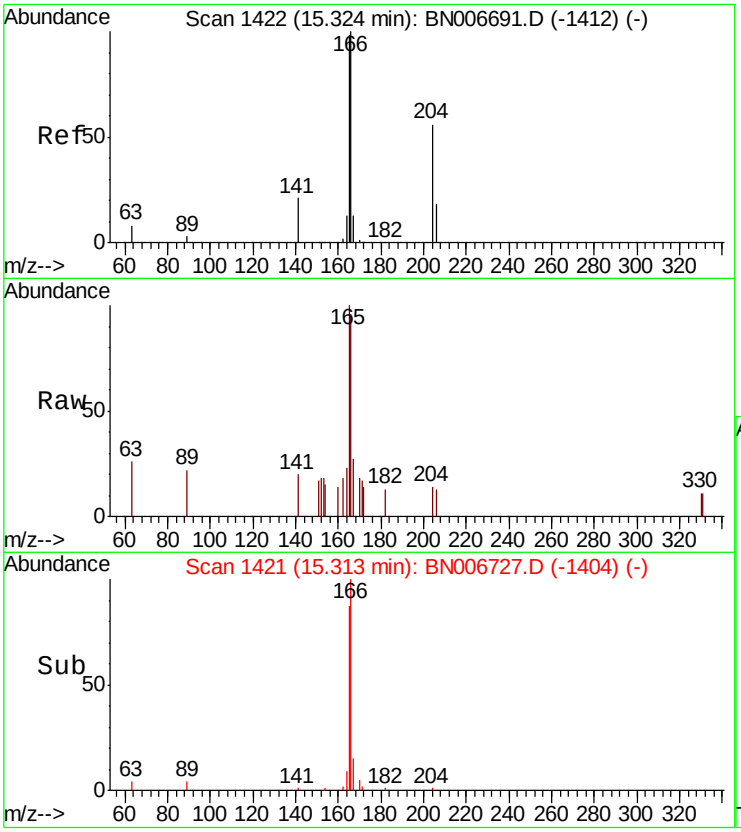


#17
Acenaphthene
Concen: 0.035 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:154 Resp: 727

Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.9	133.3
152	58.5	42.8	64.2



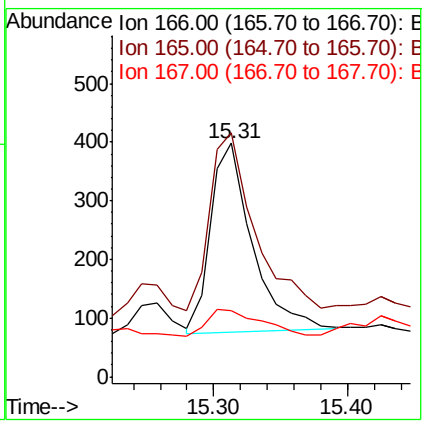


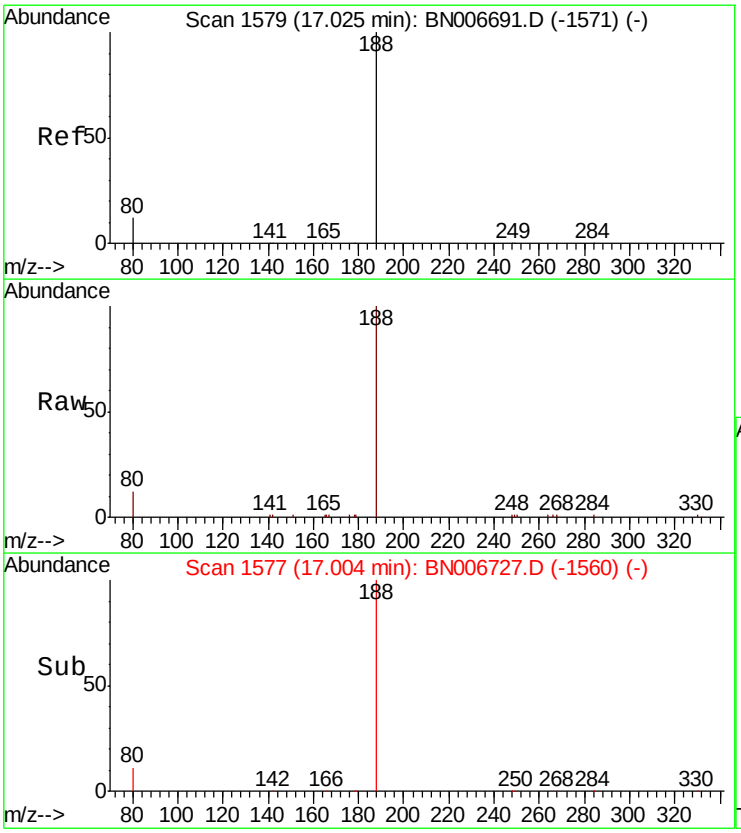
#18
Fluorene
Concen: 0.027 ng
RT: 15.31 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:166 Resp: 697

Ion	Ratio	Lower	Upper
166	100		
165	106.5	78.0	117.0
167	18.2	10.7	16.1#

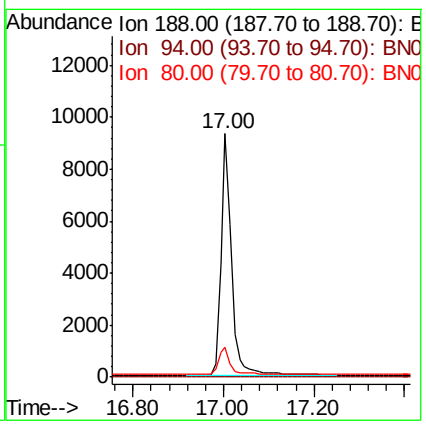


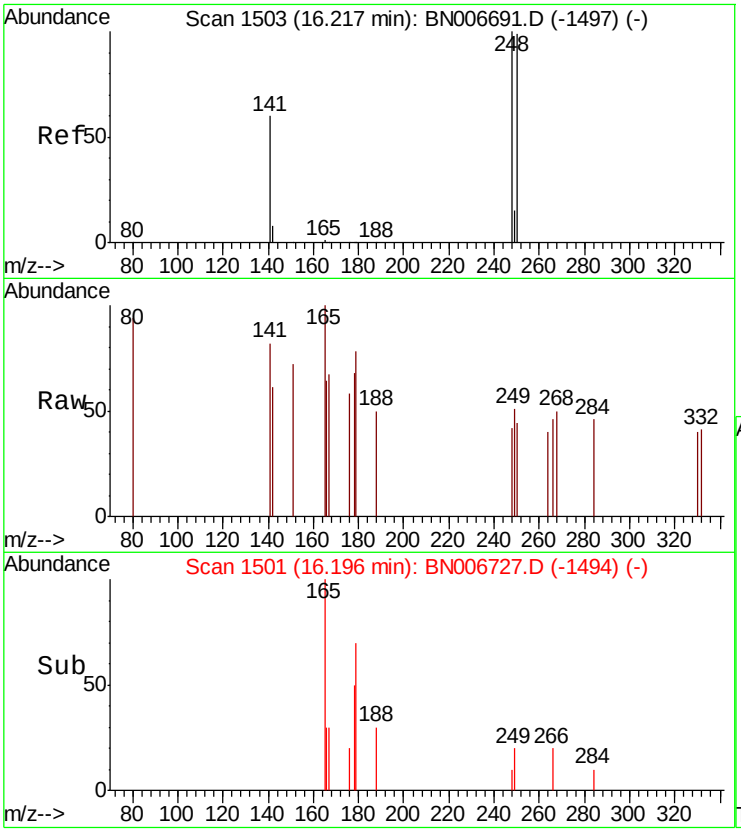


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:188 Resp: 15346

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	10.3	15.5



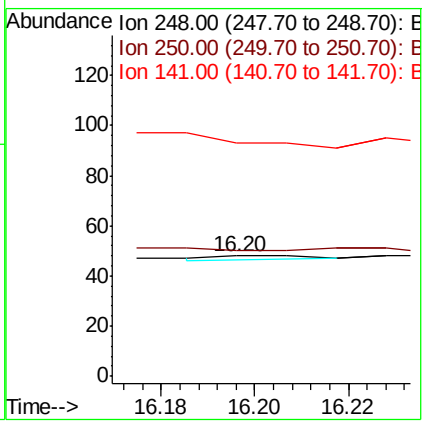


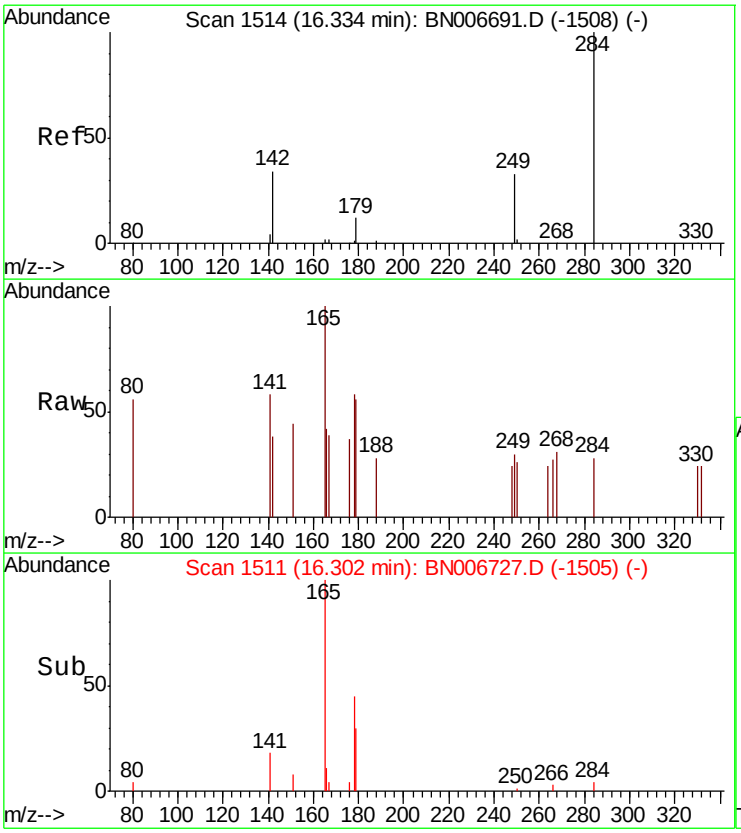
#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.20 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:248 Resp: 3

Ion	Ratio	Lower	Upper
248	100		
250	104.2	79.0	118.6
141	193.8	50.2	75.4#

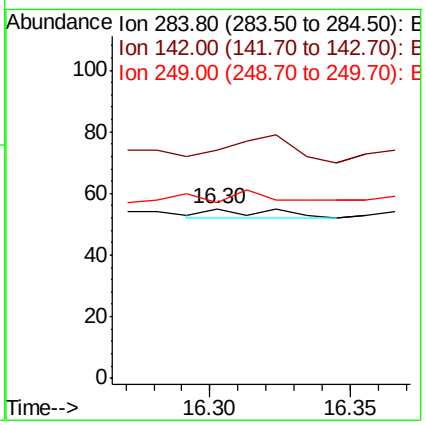


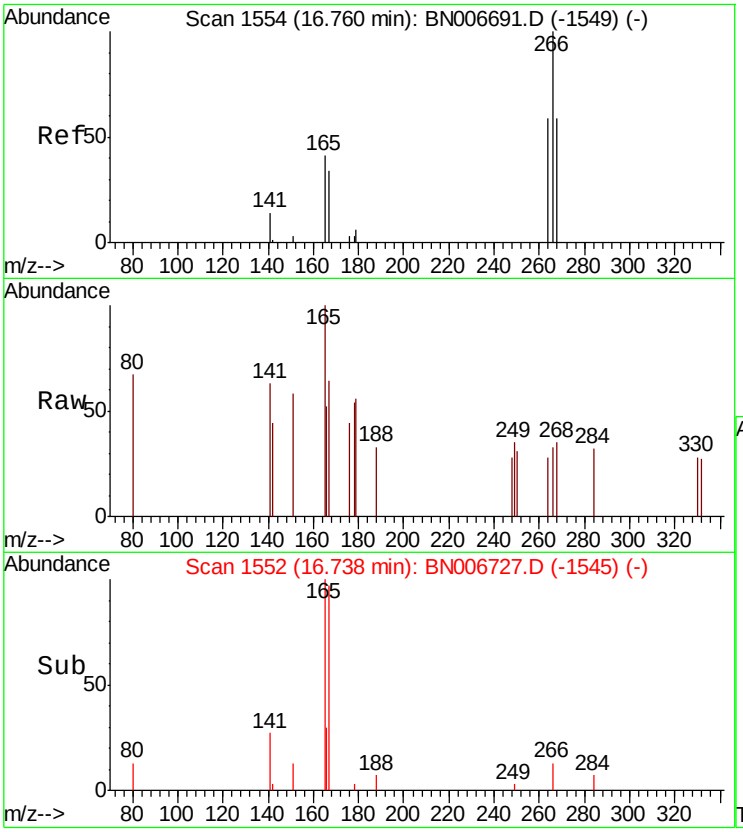


#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.30 min Scan# 1511
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:284 Resp: 5

Ion	Ratio	Lower	Upper
284	100		
142	0.0	26.9	40.3#
249	60.0	24.4	36.6#



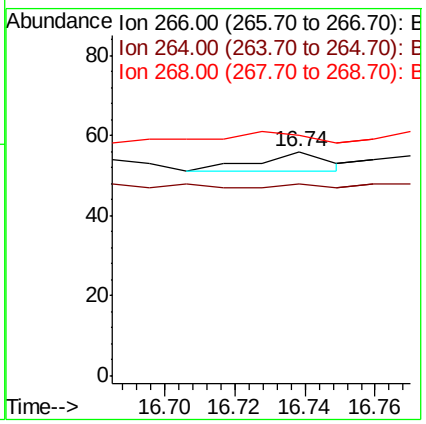


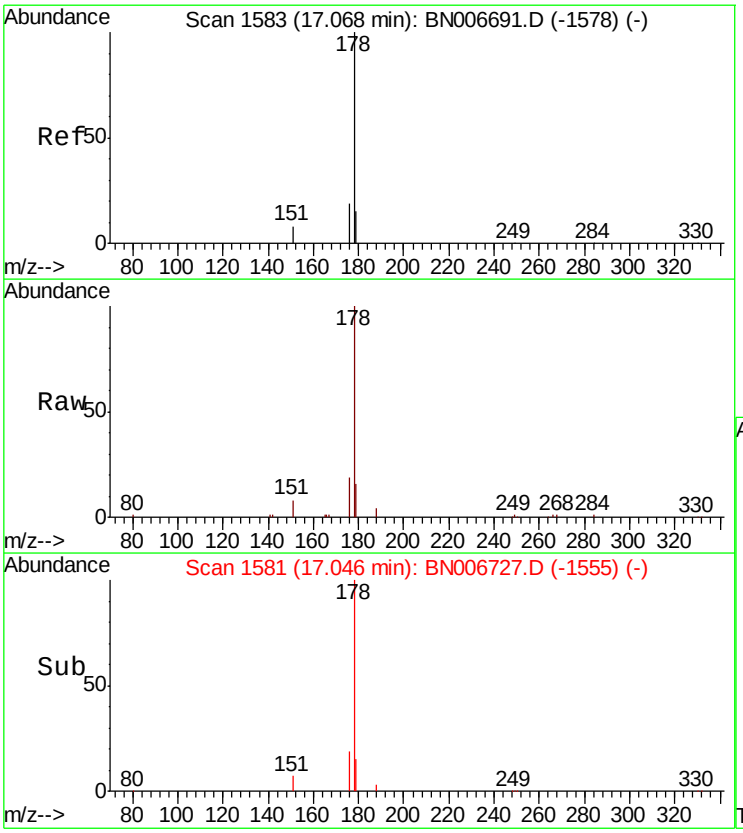
#22
Pentachlorophenol
Concen: 0.115 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
264	85.7	57.6	86.4
268	107.1	66.6	99.8#

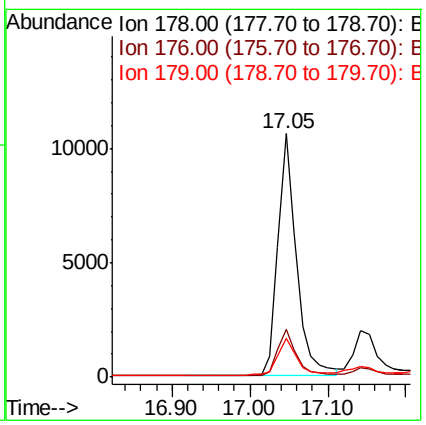


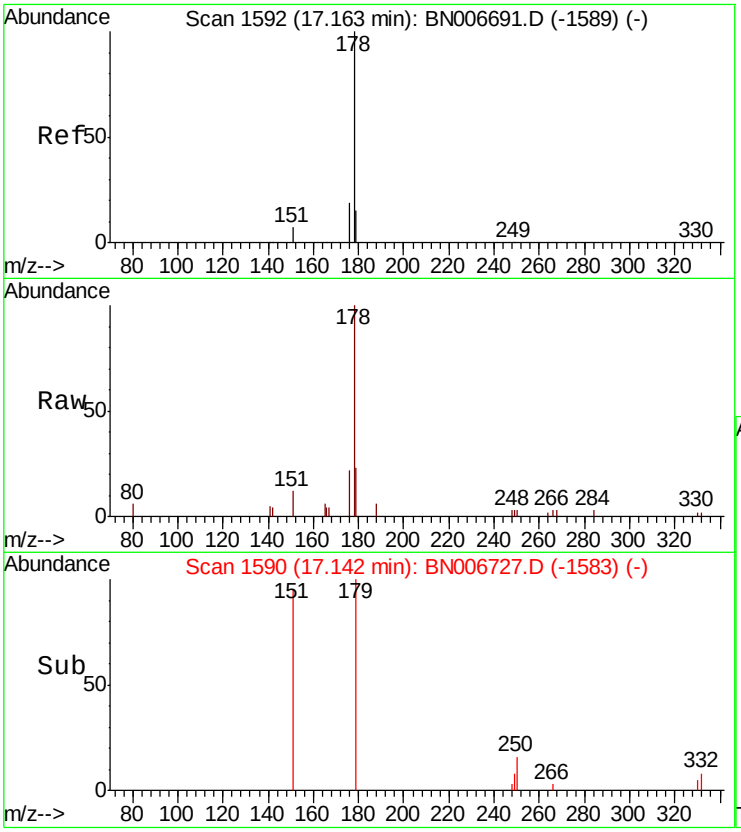


#23
Phenanthrene
Concen: 0.393 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:178 Resp: 17401

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.1	12.4	18.6



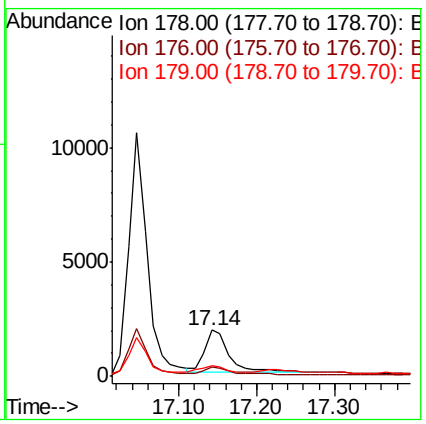


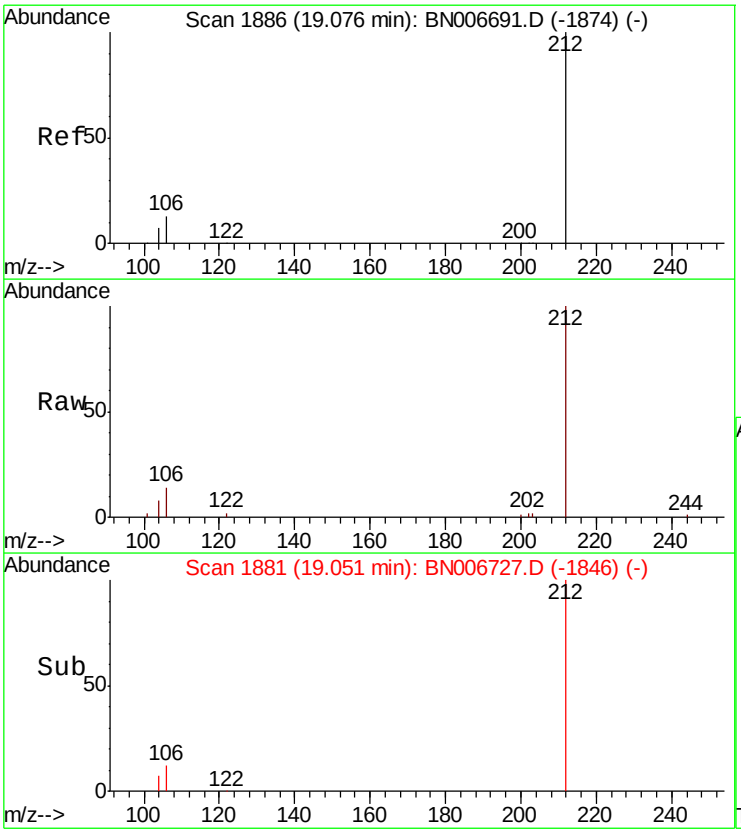
#24
Anthracene
Concen: 0.102 ng
RT: 17.14 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:178 Resp: 4089

Ion	Ratio	Lower	Upper
178	100		
176	16.8	14.8	22.2
179	14.3	11.9	17.9

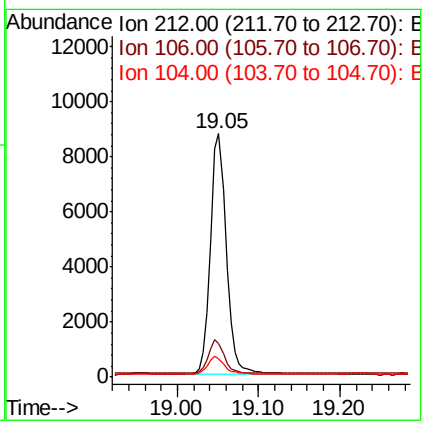


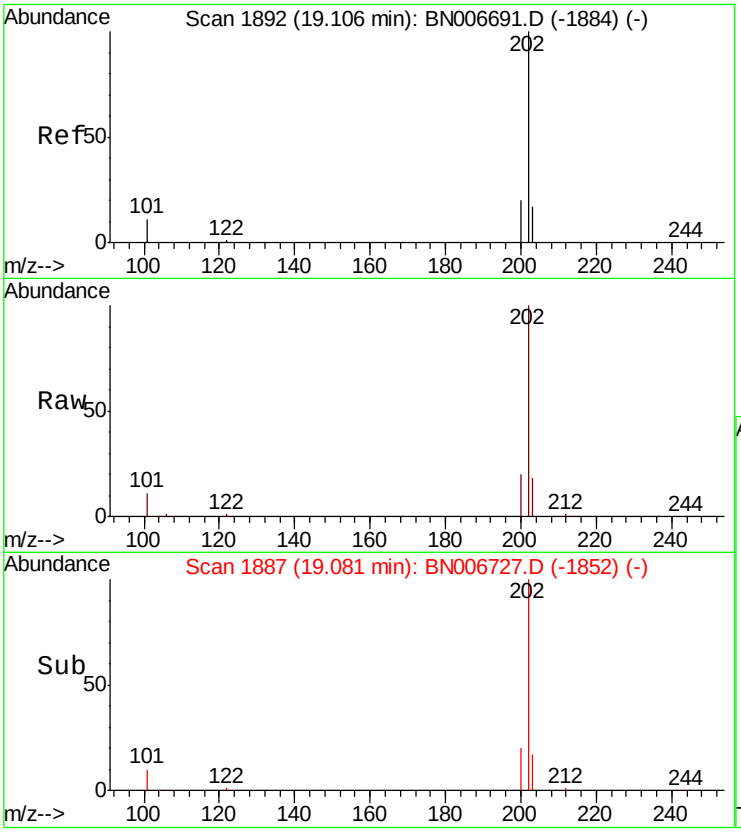


#25
Fluoranthene-d10
Concen: 0.272 ng
RT: 19.05 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:212 Resp: 11929

Ion	Ratio	Lower	Upper
212	100		
106	13.7	11.0	16.6
104	7.7	6.1	9.1



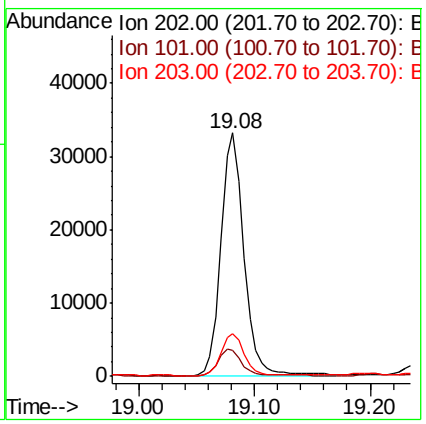


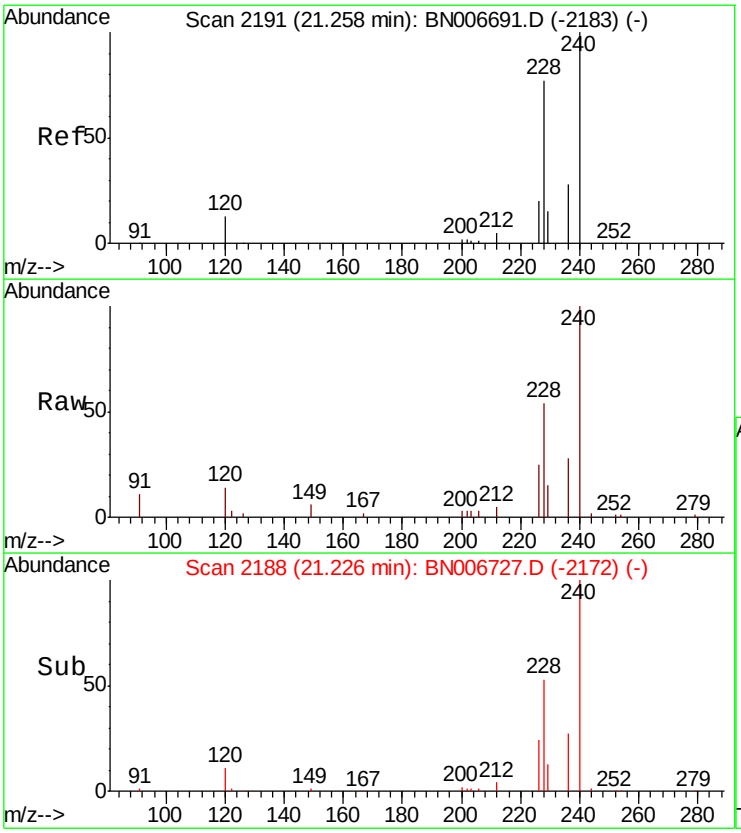
#26
Fluoranthene
Concen: 0.880 ng
RT: 19.08 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:202 Resp: 45695

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.7	13.1
203	17.2	13.8	20.6

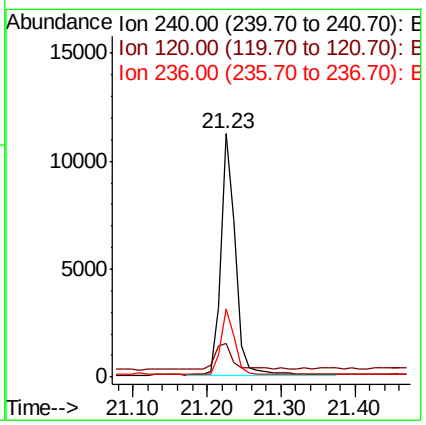


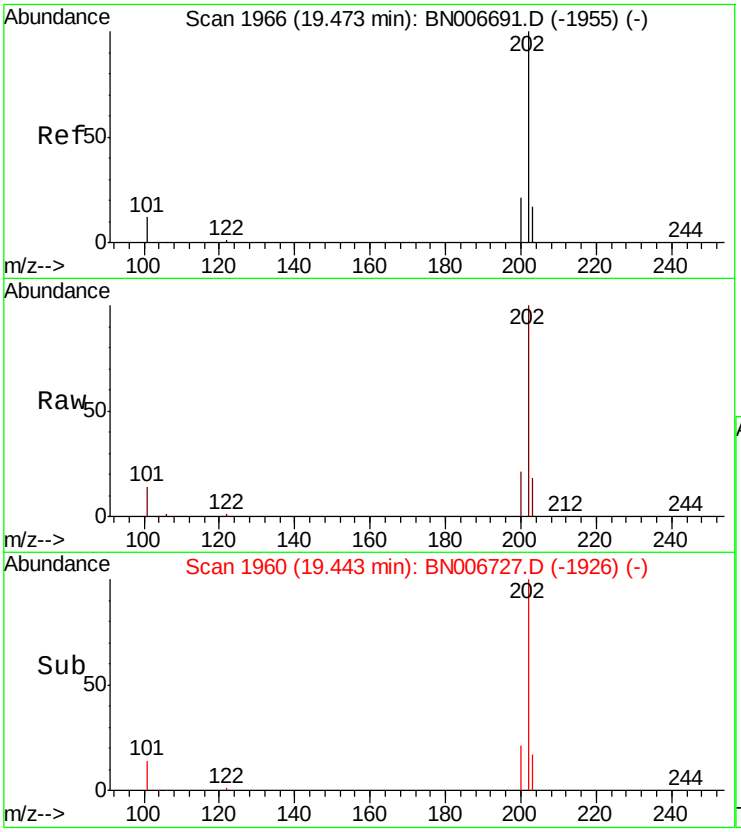


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:240 Resp: 15429

Ion	Ratio	Lower	Upper
240	100		
120	13.9	12.9	19.3
236	27.8	23.2	34.8



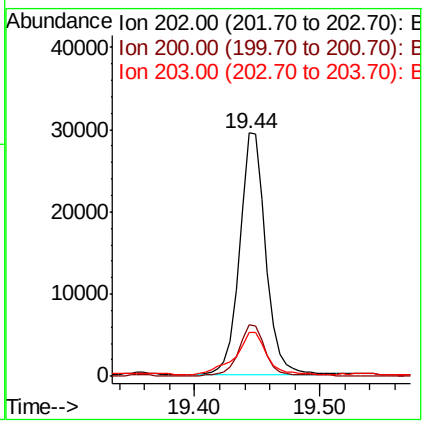


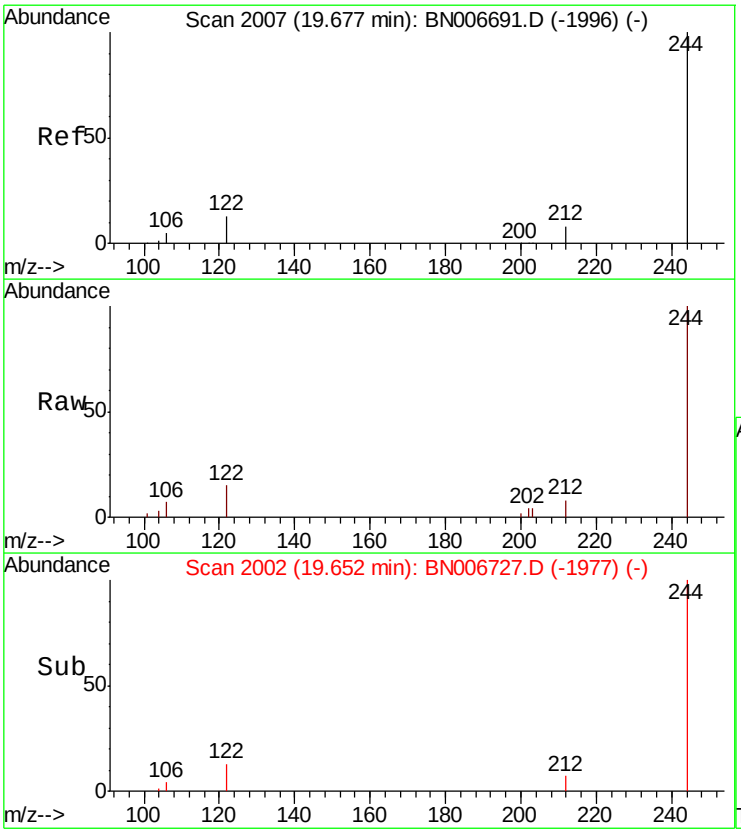
#28
Pyrene
Concen: 0.689 ng
RT: 19.44 min Scan# 1960
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:202 Resp: 42565

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	21.0	14.2	21.2

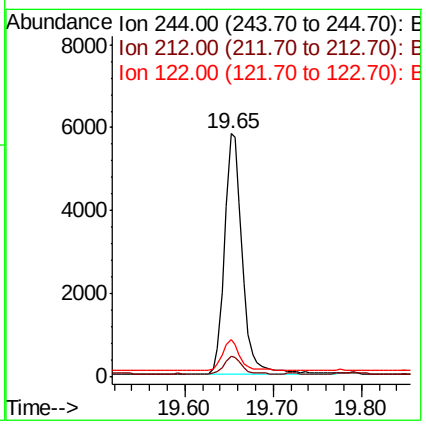


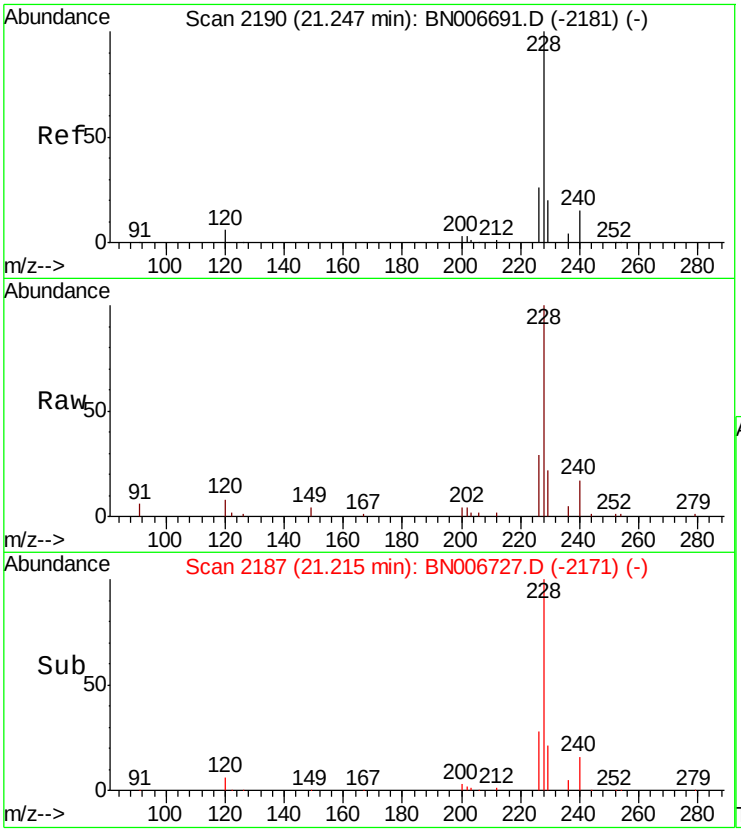


#29
Terphenyl-d14
Concen: 0.233 ng
RT: 19.65 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:244 Resp: 8261

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	15.3	11.5	17.3



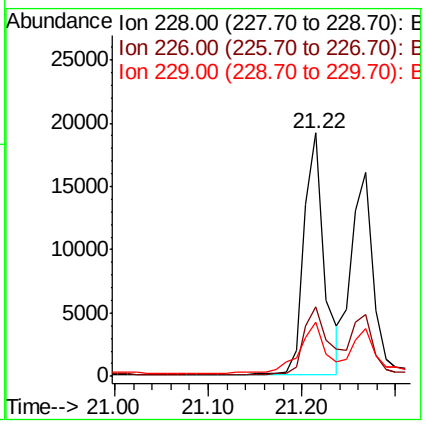


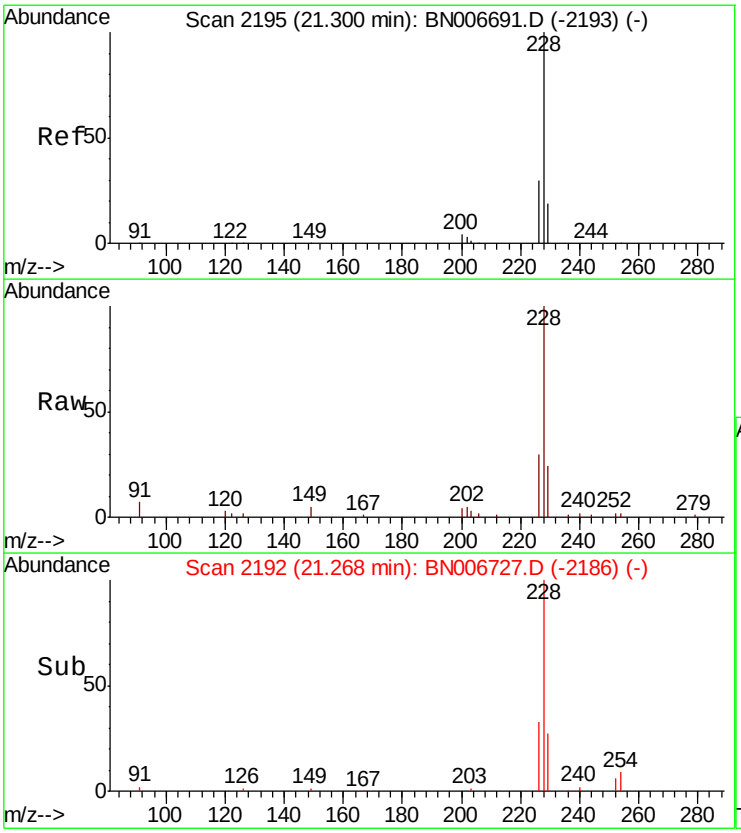
#30
Benzo(a)anthracene
Concen: 0.539 ng
RT: 21.22 min Scan# 2187
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:228 Resp: 28664

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.5	32.3
229	22.2	16.2	24.4

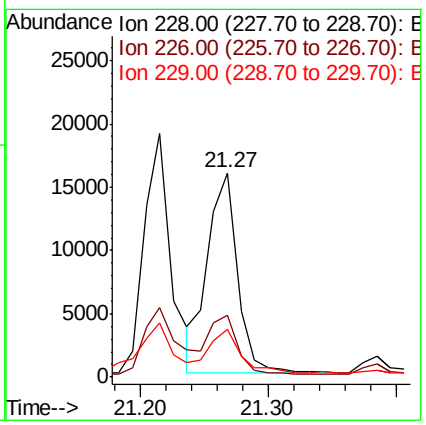


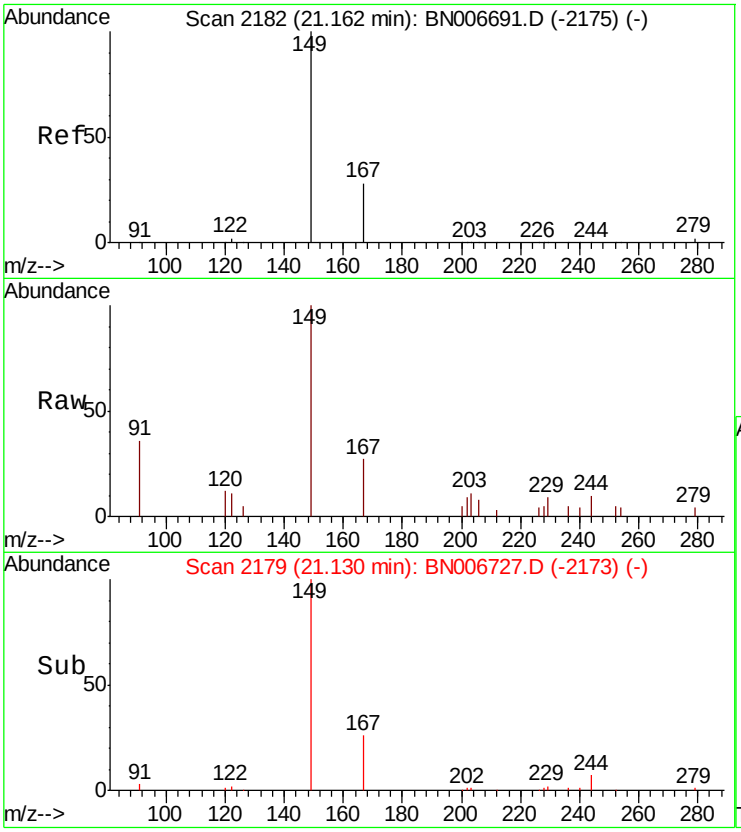


#31
Chrysene
Concen: 0.468 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:228 Resp: 25648

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	23.5	15.8	23.6



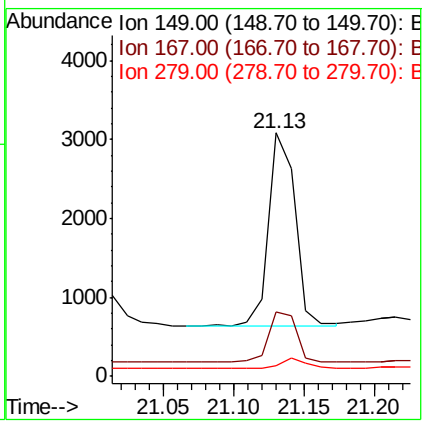


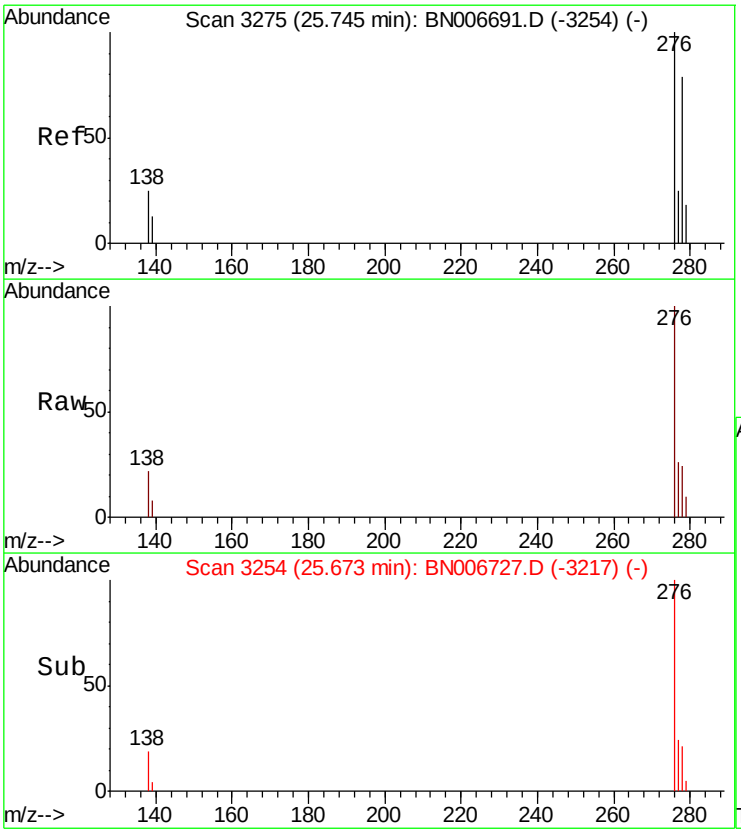
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.021 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.03 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:149 Resp: 3297

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.9	34.3
279	5.0	3.2	4.8#

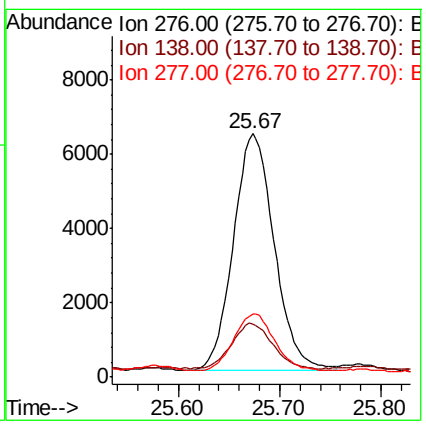


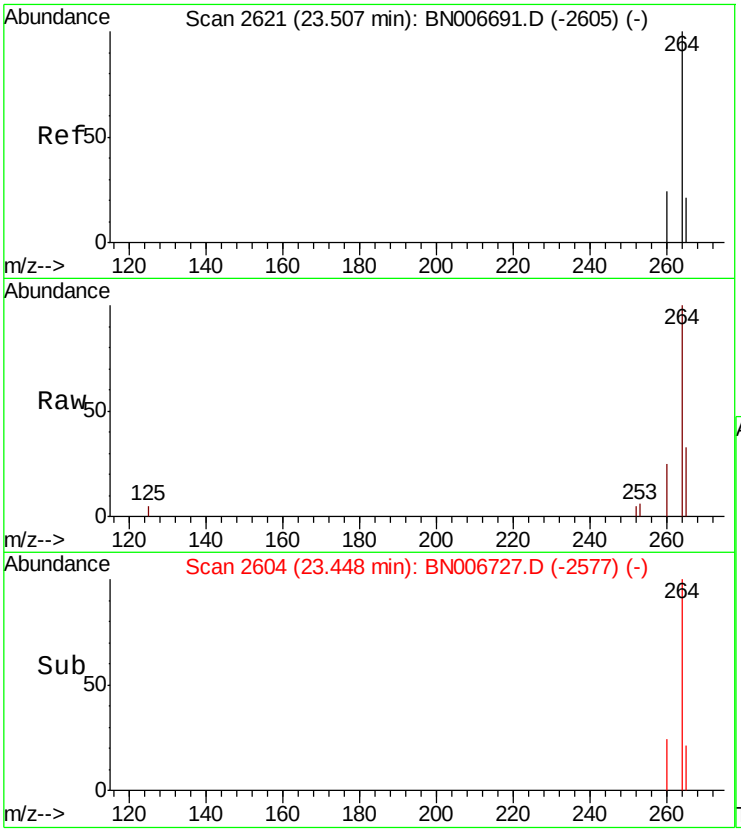


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng
RT: 25.67 min Scan# 3254
Delta R.T. -0.07 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:276 Resp: 17976

Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.5	29.3
277	23.6	19.7	29.5



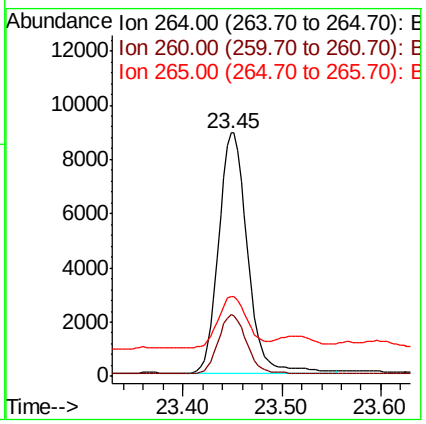


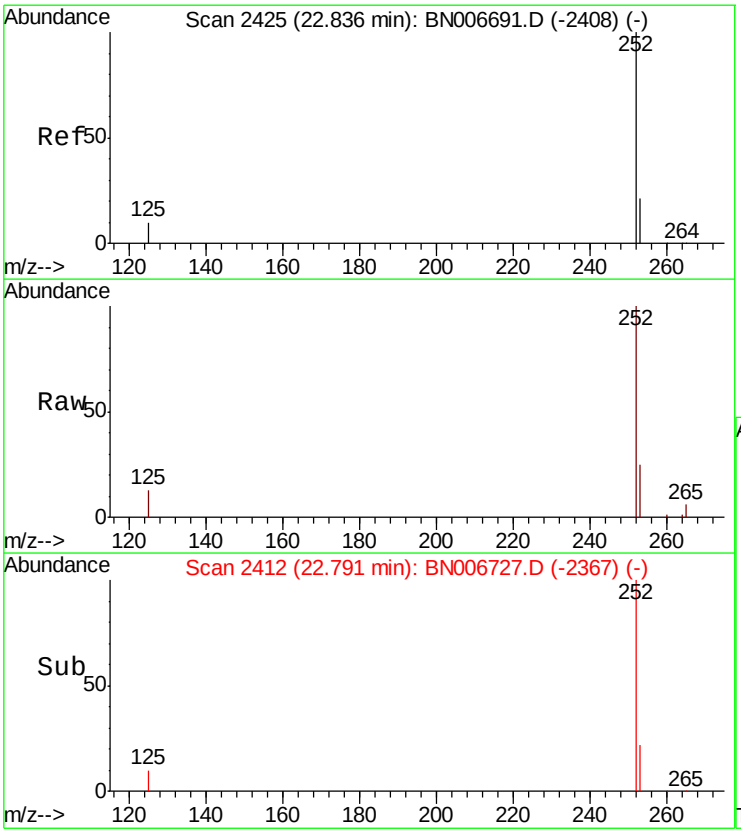
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.45 min Scan# 2604
Delta R.T. -0.06 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:264 Resp: 17789

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	32.6	33.7	50.5#

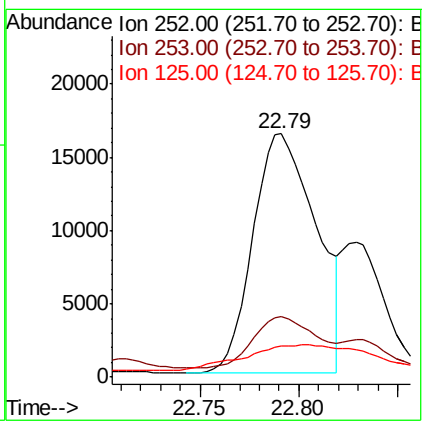


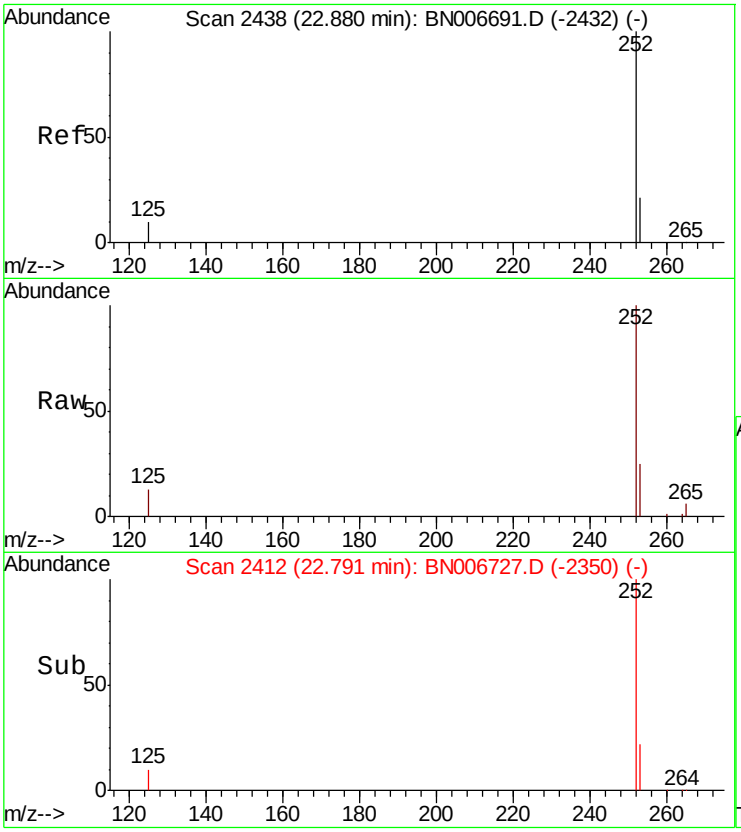


#35
Benzo(b)fluoranthene
Concen: 0.634 ng
RT: 22.79 min Scan# 2412
Delta R.T. -0.04 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:252 Resp: 36207

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.2	30.2
125	12.8	11.5	17.3



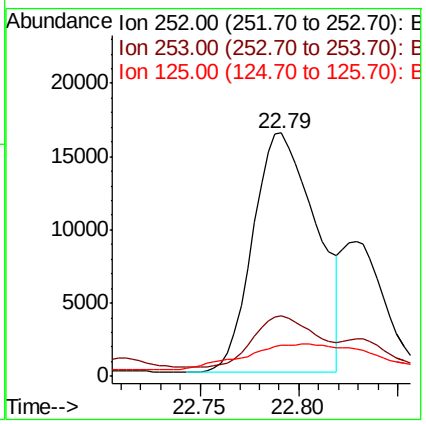


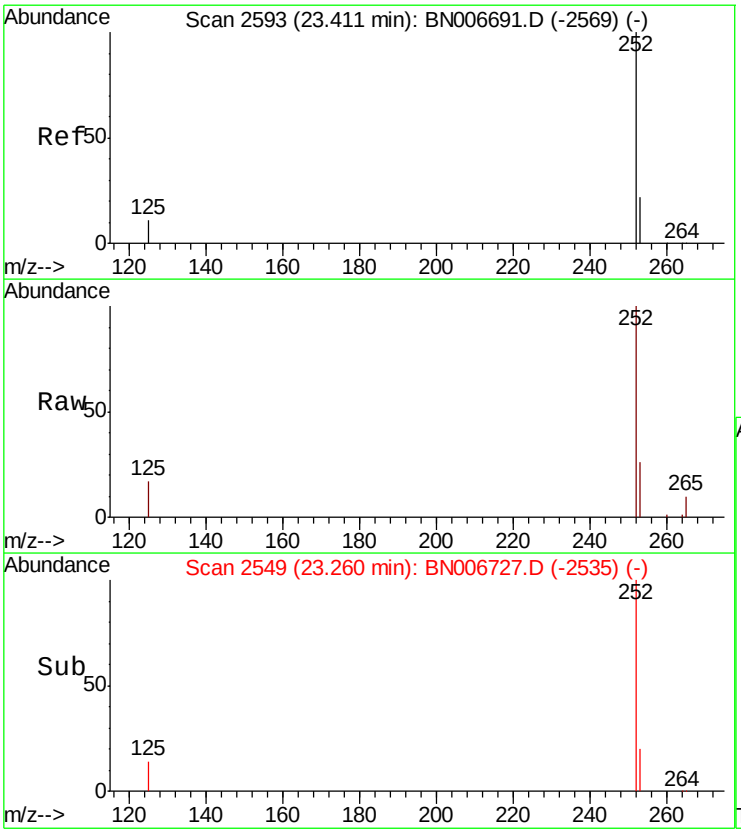
#36
Benzo(k)fluoranthene
Concen: 0.585 ng
RT: 22.79 min Scan# 2412
Delta R.T. -0.09 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:252 Resp: 36207

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.1	30.1
125	12.8	11.4	17.0

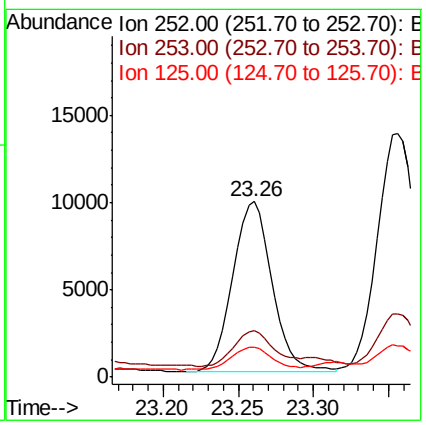


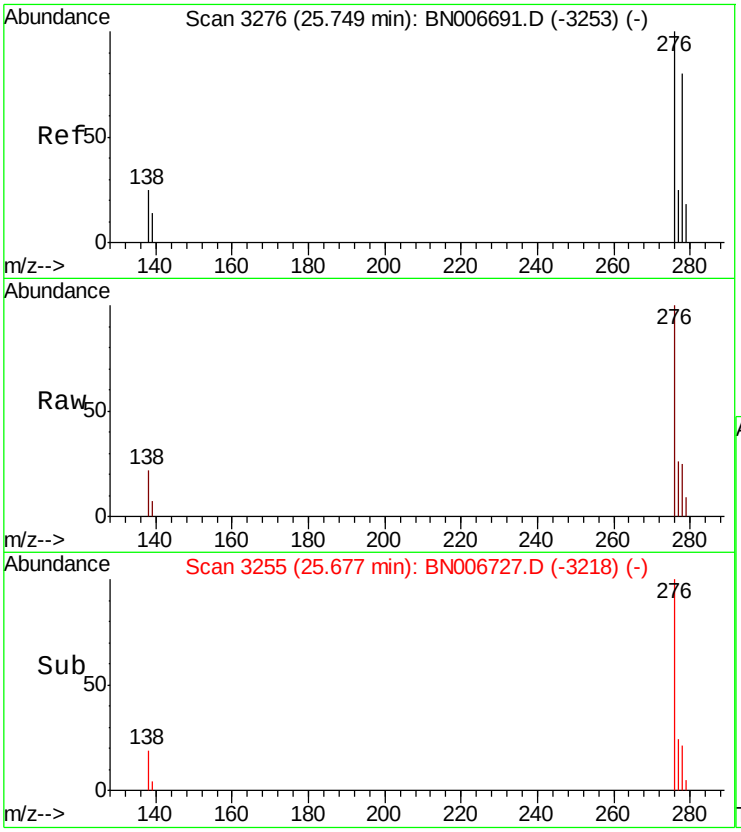


#37
Benzo(a)pyrene
Concen: 0.314 ng
RT: 23.26 min Scan# 2549
Delta R.T. -0.15 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:252 Resp: 17393

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.4	32.2
125	17.3	13.3	19.9



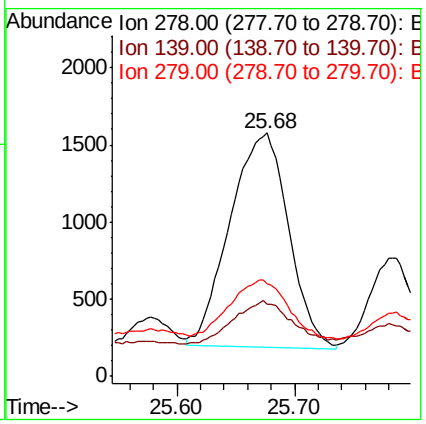


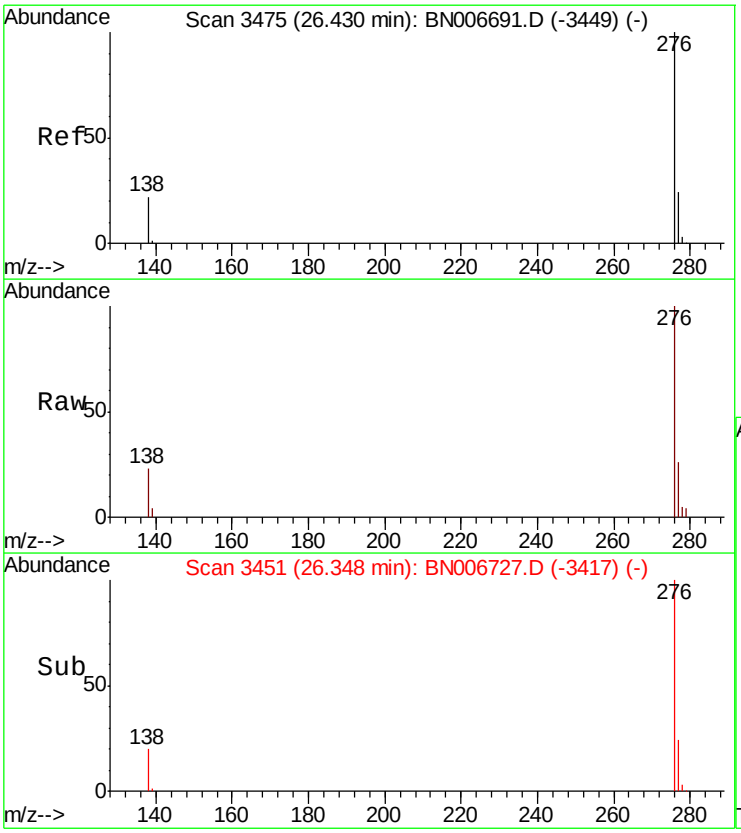
#38
Dibenzo(a,h)anthracene
Concen: 0.087 ng
RT: 25.68 min Scan# 3255
Delta R.T. -0.07 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Instrument :
BNA_N
ClientSampleId :
PST-012-B226-062419

Tgt Ion:278 Resp: 4777

Ion	Ratio	Lower	Upper
278	100		
139	29.8	16.2	24.4#
279	38.2	20.7	31.1#





#39
Benzo(g,h,i)perylene
Concen: 0.293 ng
RT: 26.35 min Scan# 3451
Delta R.T. -0.08 min
Lab File: BN006727.D
Acq: 05 Jul 2019 21:44

Tgt Ion:276 Resp: 16580

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.6	30.8
138	22.8	19.7	29.5