Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006724.D
Acq On : 05 Jul 2019 20:00
Operator : HP/JU
Sample : K3558-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-016-B236-062619

Quant Time: Jul 05 22:52:45 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	7.60	152	2806	0.40	ng		-0.02
7) Naphthalene-d8	10.36	136	10933	0.40	ng		-0.03
13) Acenaphthene-d10	14.24	164	6738	0.40	ng		-0.02
19) Phenanthrene-d10	17.00	188	15468	0.40	ng		-0.02
27) Chrysene-d12	21.23	240	16183	0.40	ng		-0.03
34) Perylene-d12	23.45	264	18087	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	1853	0.24	ng		-0.02
5) Phenol-d6	6.80	99	2522	0.26	ng		-0.03
8) Nitrobenzene-d5	8.79	82	1693	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	11.98	152	3977	0.24	ng		-0.02
14) 2,4,6-Tribromophenol	15.77	330	747	0.23	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	5423	0.21	ng		-0.02
25) Fluoranthene-d10	19.05	212	9560	0.22	ng		-0.03
29) Terphenyl-d14	19.65	244	7482	0.20	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.50	42	47	0.014	ng	#	1
6) bis(2-Chloroethyl)ether	7.03	93	10	0.001	ng	#	22
9) Naphthalene	10.42	128	2064	0.069	ng	#	82
10) Hexachlorobutadiene	10.66	225	1	0.000	ng	#	1
12) 2-Methylnaphthalene	12.05	142	2079	0.061	ng	#	95
16) Acenaphthylene	13.96	152	9432	0.281	ng		98
17) Acenaphthene	14.30	154	2771	0.129	ng		92
18) Fluorene	15.30	166	5327	0.200	ng		94
20) 4-Bromophenyl-phenylether	16.20	248	1	0.000	ng	#	1
21) Hexachlorobenzene	16.32	284	9	0.001	ng	#	1
22) Pentachlorophenol	16.72	266	14	0.120	ng	#	82
23) Phenanthrene	17.05	178	156833	3.518	ng		100
24) Anthracene	17.14	178	16601	0.412	ng	#	95
26) Fluoranthene	19.08	202	160552	3.067	ng		98
28) Pyrene	19.44	202	245060	3.784	ng		97
30) Benzo(a)anthracene	21.20	228	102087	1.829	ng		98
31) Chrysene	21.26	228	116216	2.020	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	3201	0.019	ng		91
33) Indeno(1,2,3-cd)pyrene	25.67	276	44641	0.649	ng		95
35) Benzo(b)fluoranthene	22.79	252	97528	1.680	ng	#	94
36) Benzo(k)fluoranthene	22.79	252	97528	1.549	ng	#	95
37) Benzo(a)pyrene	23.25	252	61694	1.097	ng		94
38) Dibenzo(a,h)anthracene	25.67	278	14824	0.265	ng	#	92
39) Benzo(g,h,i)perylene	26.34	276	51029	0.887	ng		96

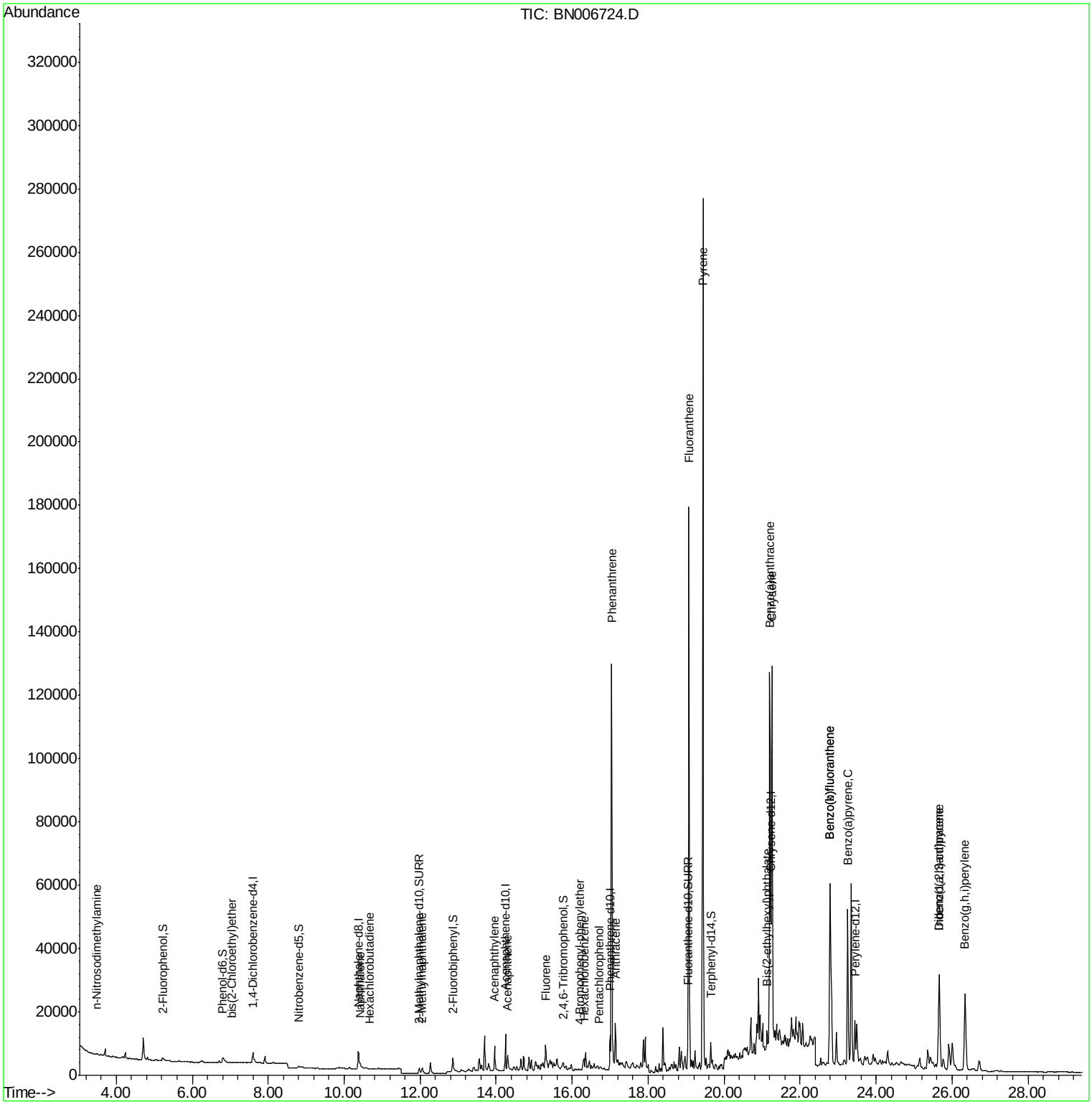
(#) = qualifier out of range (m) = manual integration (+) = signals summed

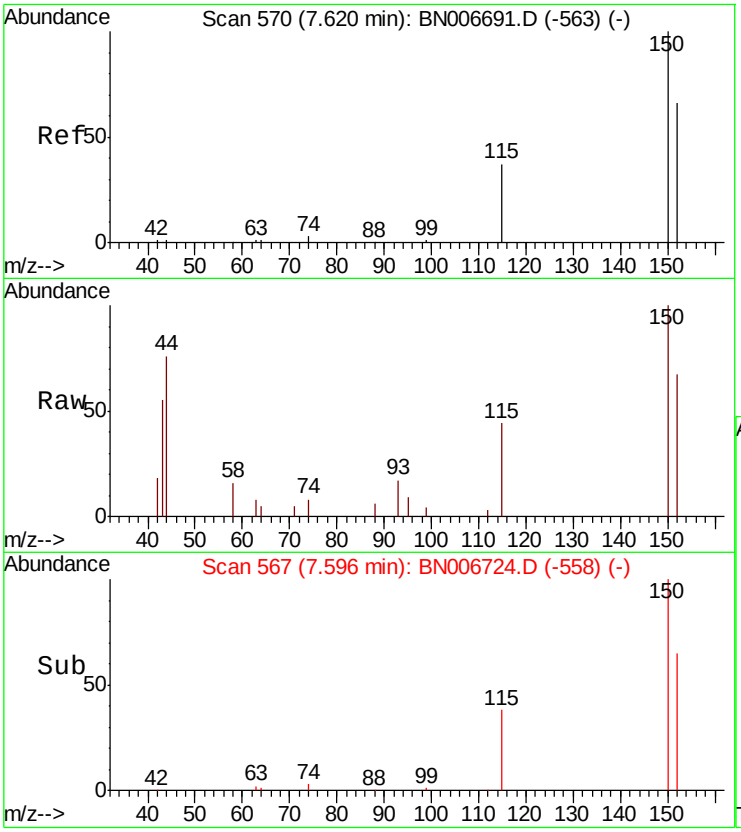
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
Data File : BN006724.D
Acq On : 05 Jul 2019 20:00
Operator : HP/JU
Sample : K3558-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Quant Time: Jul 05 22:52:45 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



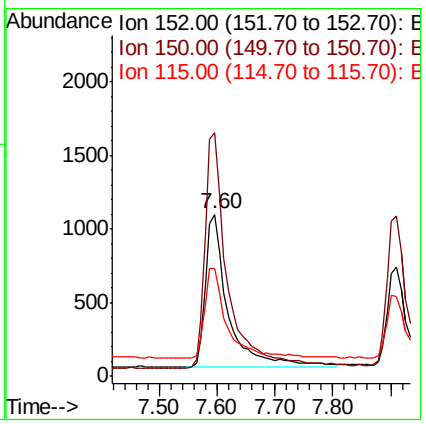


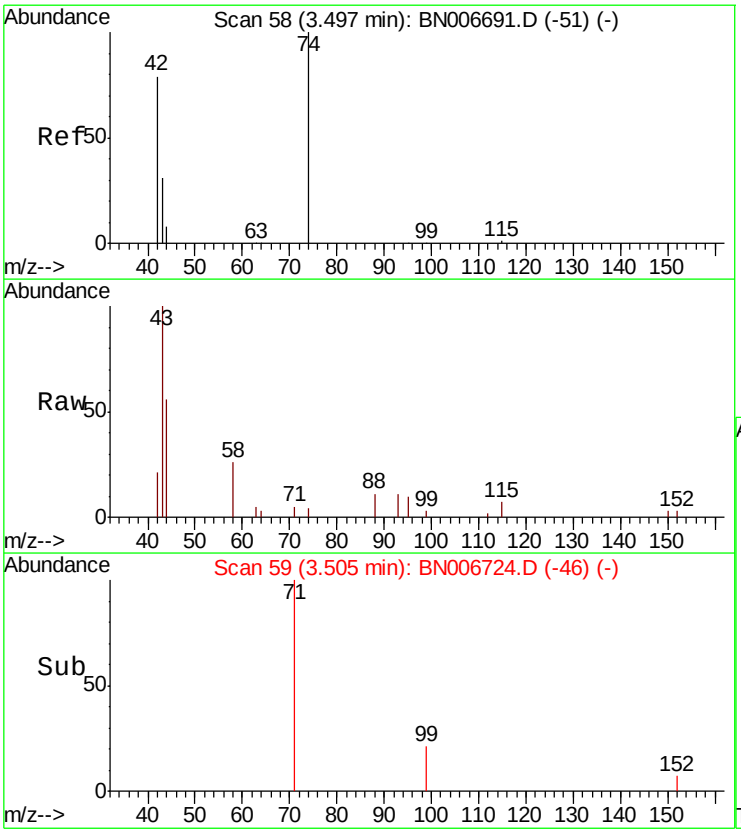
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:152 Resp: 2806

Ion	Ratio	Lower	Upper
152	100		
150	150.3	120.6	181.0
115	66.4	51.0	76.6

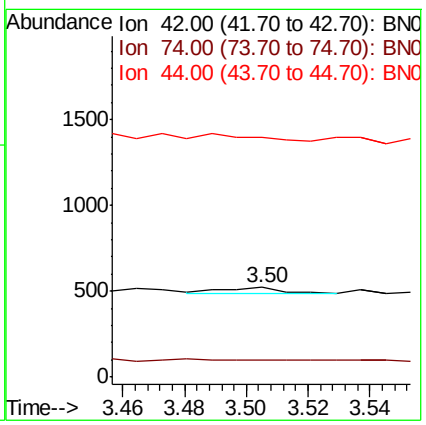


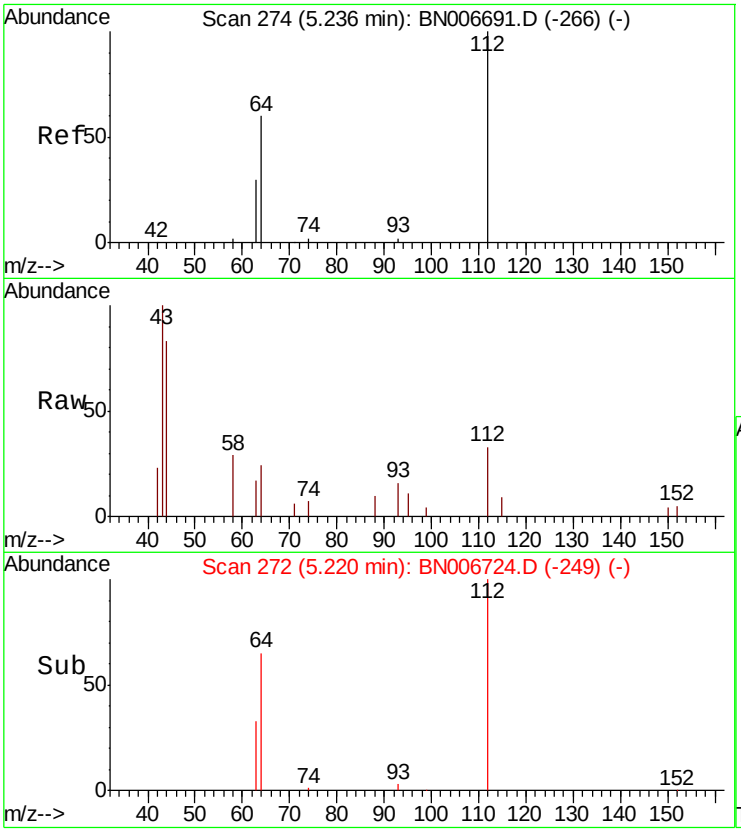


#3
n-Nitrosodimethylamine
Concen: 0.014 ng
RT: 3.50 min Scan# 59
Delta R.T. 0.01 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion: 42 Resp: 47

Ion	Ratio	Lower	Upper
42	100		
74	0.0	106.6	160.0#
44	0.0	8.0	12.0#



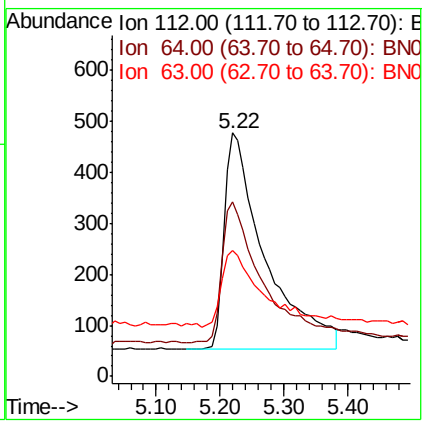


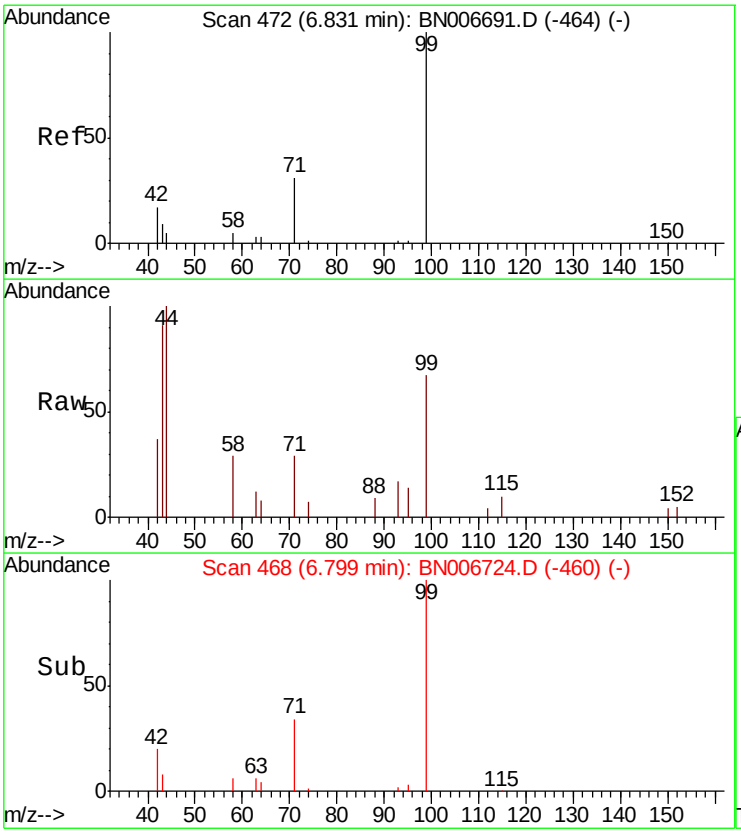
#4
2-Fluorophenol
Concen: 0.243 ng
RT: 5.22 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:112 Resp: 1853

Ion	Ratio	Lower	Upper
112	100		
64	66.7	49.8	74.6
63	37.0	25.8	38.6

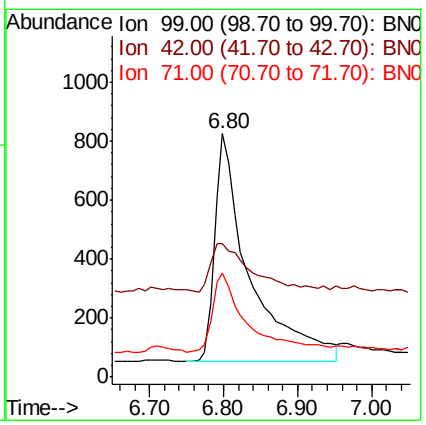


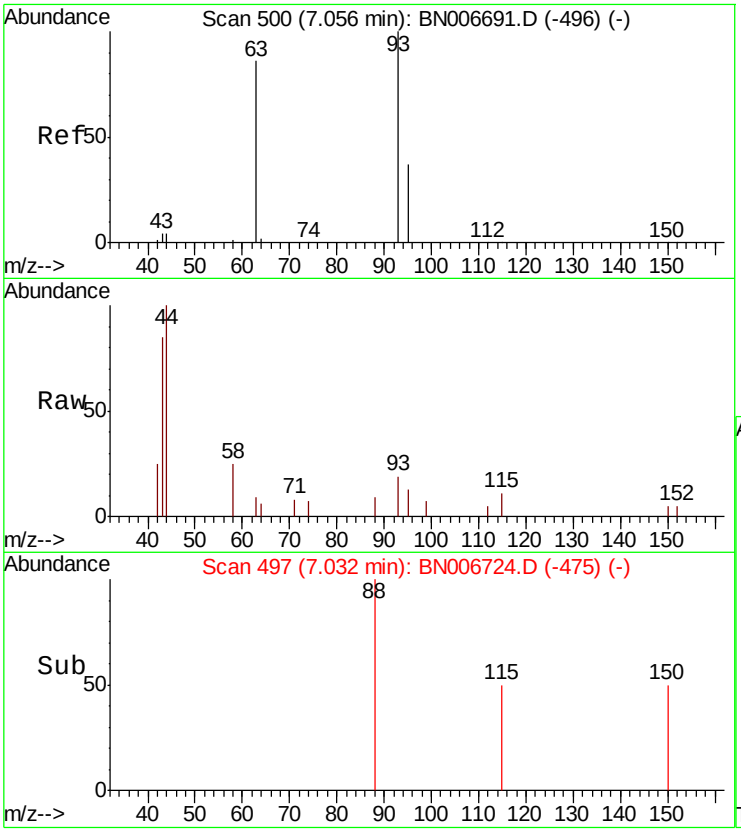


#5
Phenol-d6
Concen: 0.261 ng
RT: 6.80 min Scan# 468
Delta R.T. -0.03 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion: 99 Resp: 2522

Ion	Ratio	Lower	Upper
99	100		
42	25.7	16.6	25.0#
71	35.7	26.0	39.0



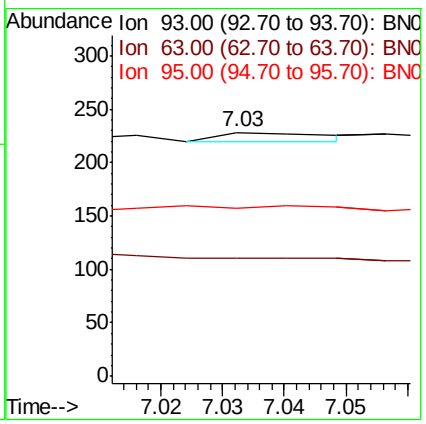


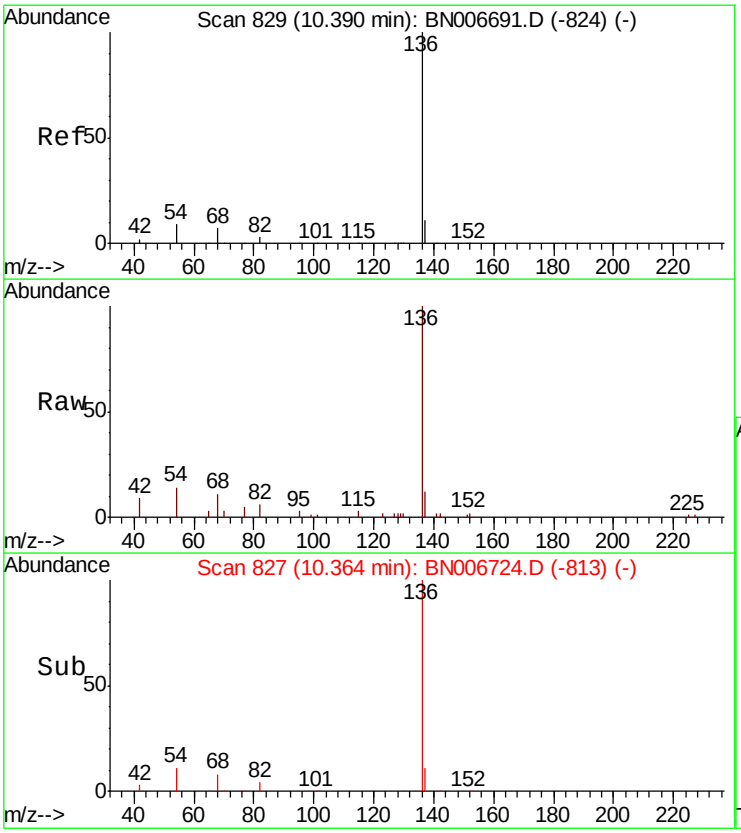
#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.03 min Scan# 497
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion: 93 Resp: 10

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

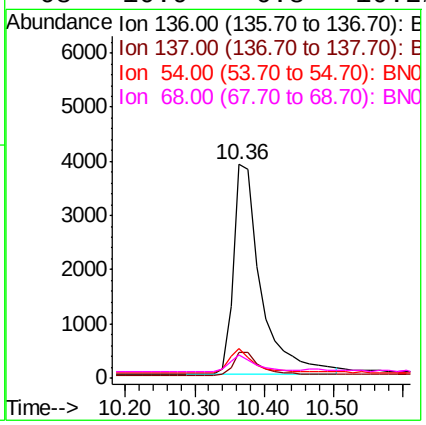


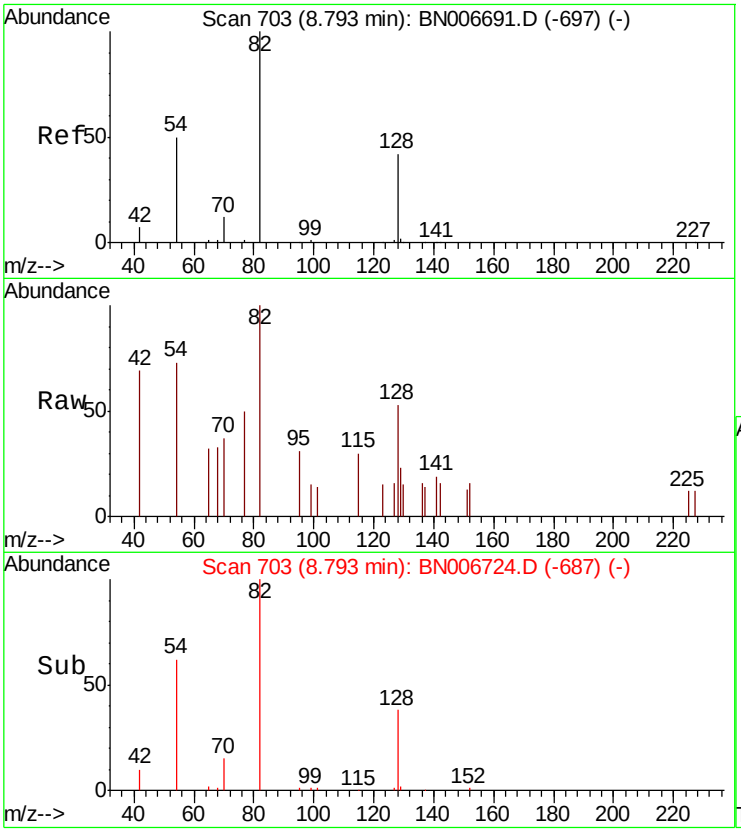


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.36 min Scan# 827
Delta R.T. -0.03 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:136 Resp: 10933

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	13.7	8.4	12.6#
68	10.9	6.8	10.2#



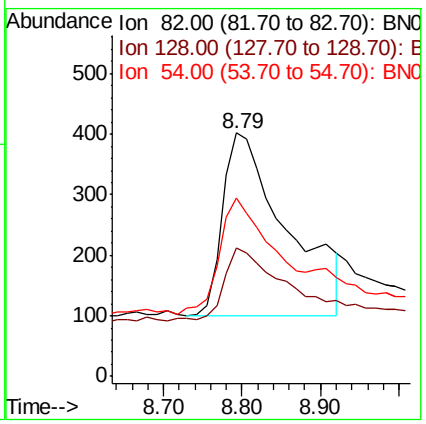


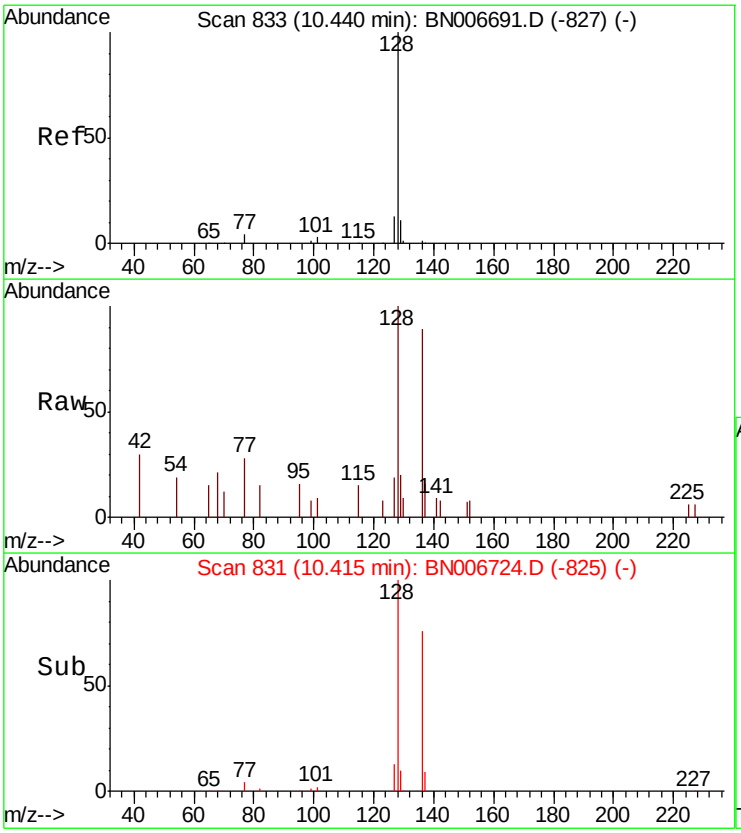
#8
Nitrobenzene-d5
Concen: 0.202 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion: 82 Resp: 1693

Ion	Ratio	Lower	Upper
82	100		
128	52.7	36.1	54.1
54	73.1	44.5	66.7#

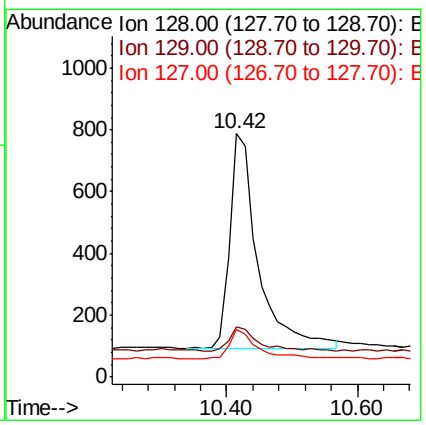


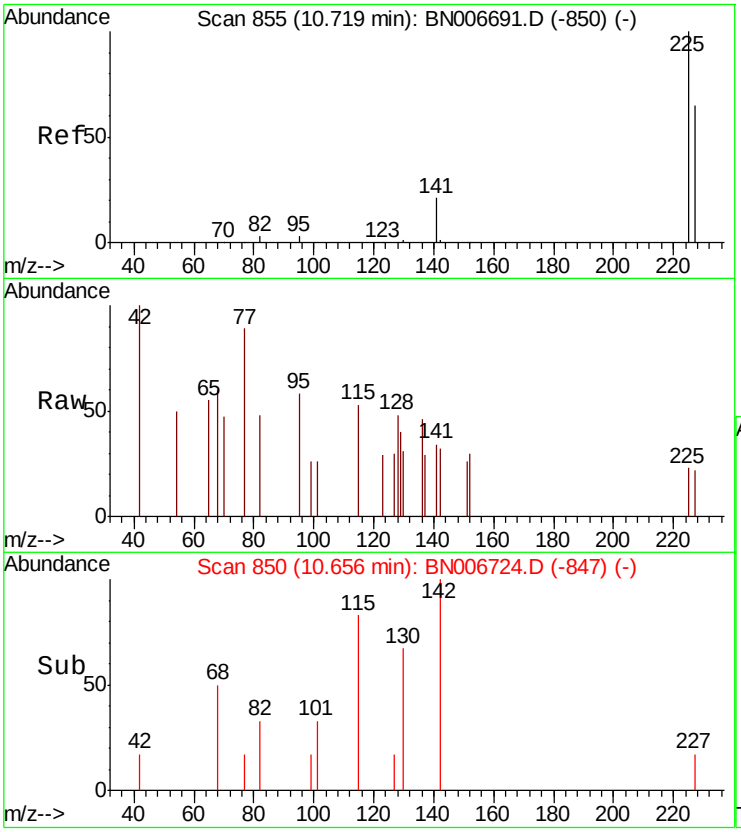


#9
Naphthalene
Concen: 0.069 ng
RT: 10.42 min Scan# 831
Delta R.T. -0.03 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:128 Resp: 2064

Ion	Ratio	Lower	Upper
128	100		
129	20.4	9.6	14.4#
127	19.4	11.0	16.4#



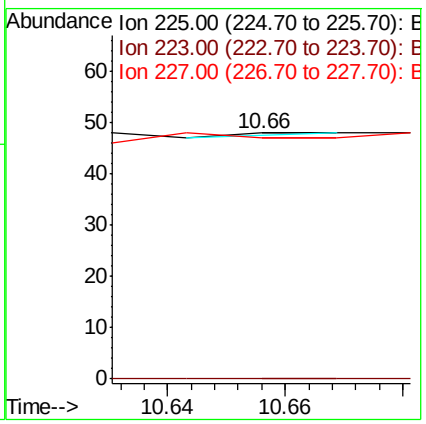


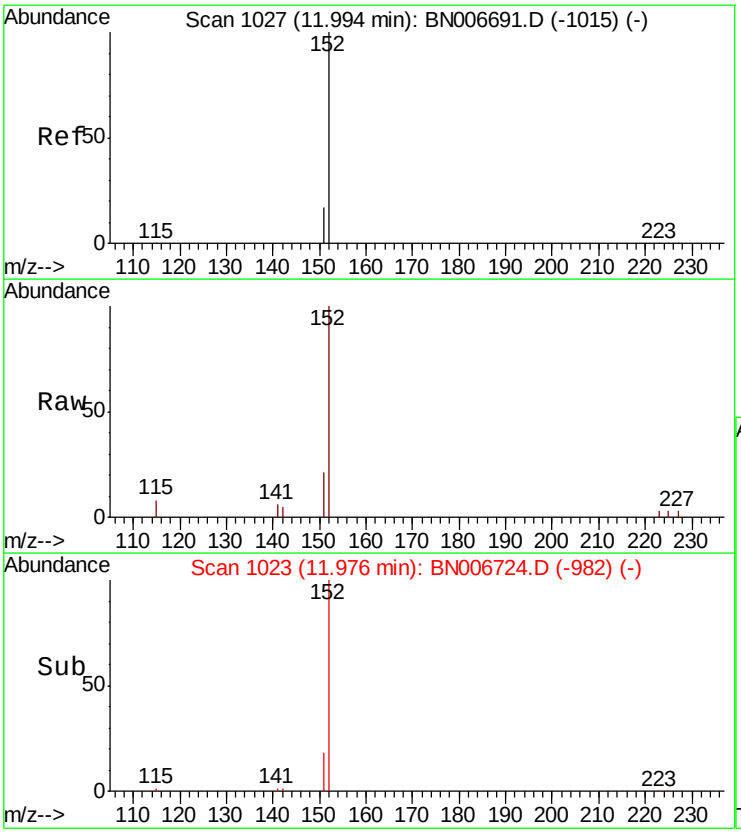
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.66 min Scan# 850
Delta R.T. -0.06 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:225 Resp: 1

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	200.0	50.9	76.3#

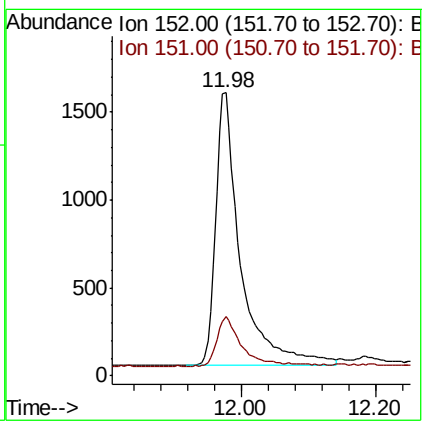


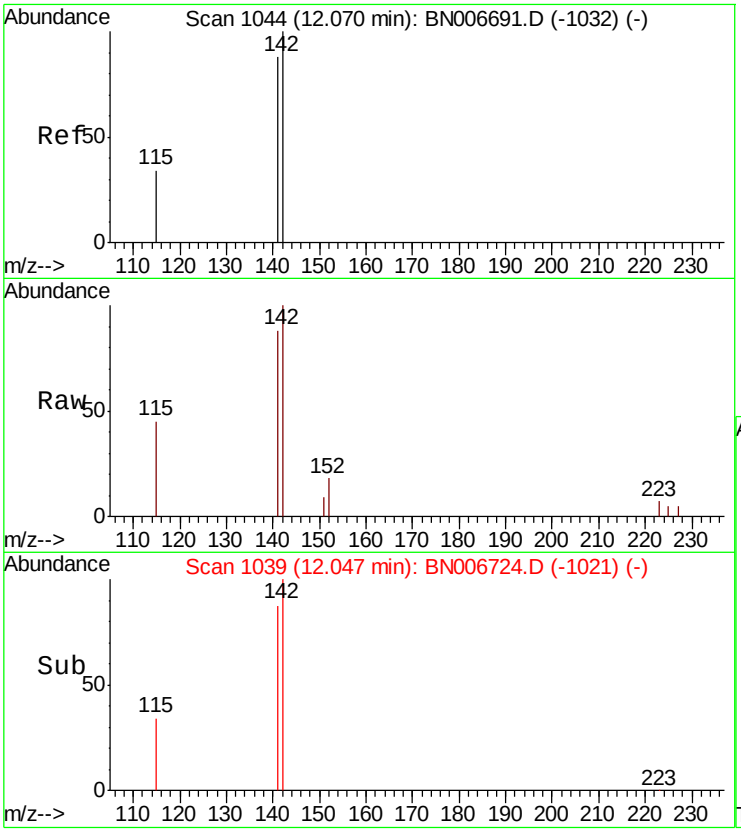


#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:152 Resp: 3977

Ion	Ratio	Lower	Upper
152	100		
151	18.2	14.9	22.3



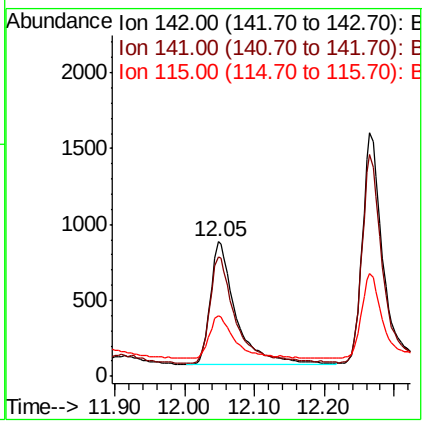


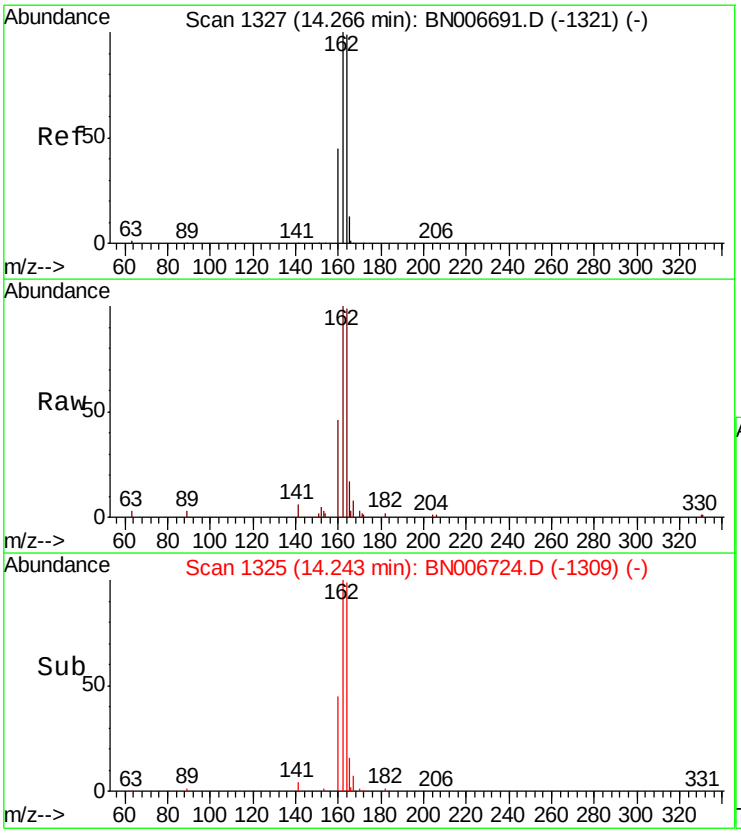
#12
2-Methylnaphthalene
Concen: 0.061 ng
RT: 12.05 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:142 Resp: 2079

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	45.0	28.9	43.3#

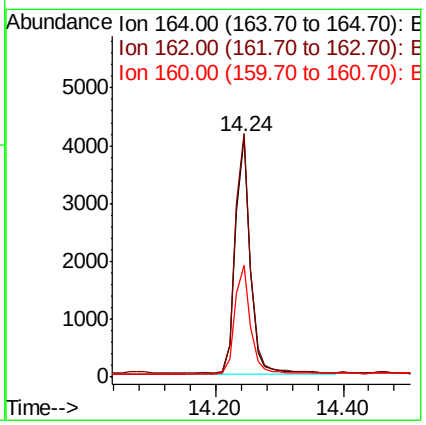


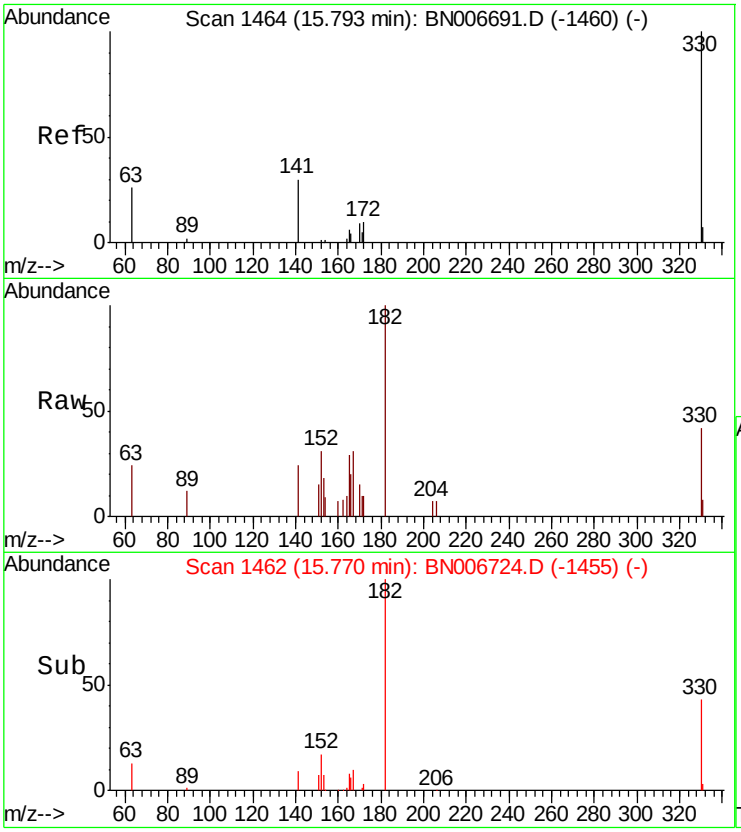


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:164 Resp: 6738

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.8	121.2
160	46.5	37.0	55.6



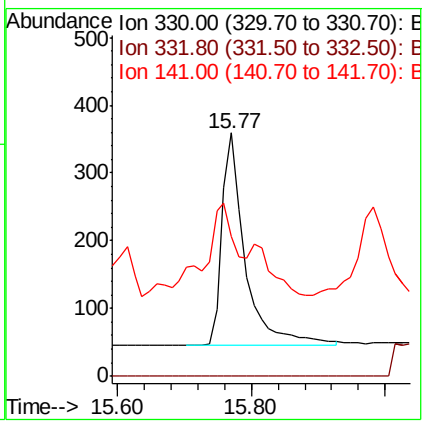


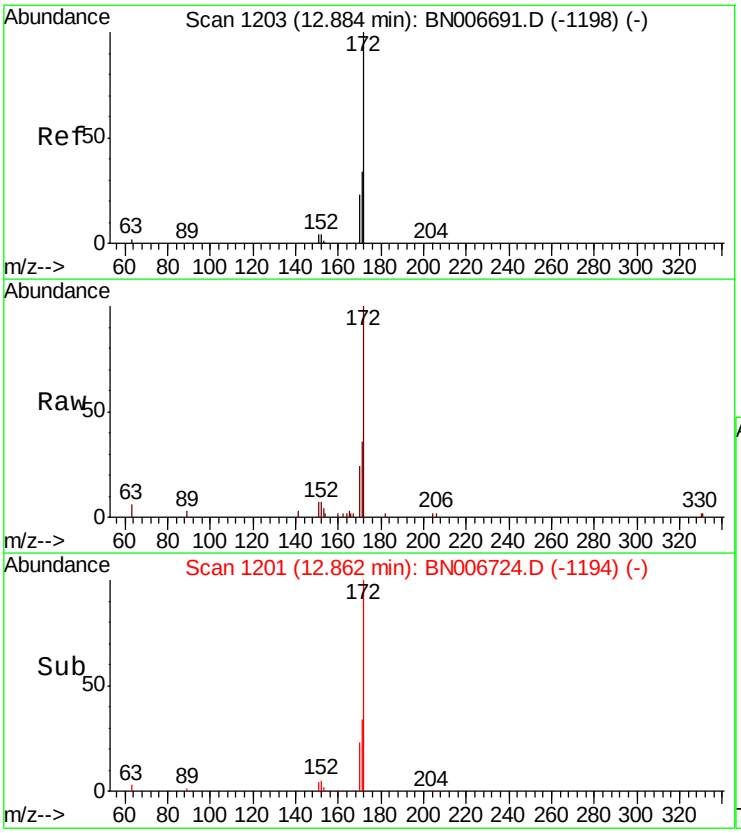
#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:330 Resp: 747

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.1	24.8	37.2#

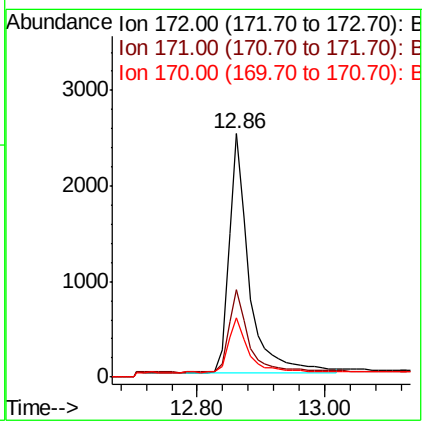


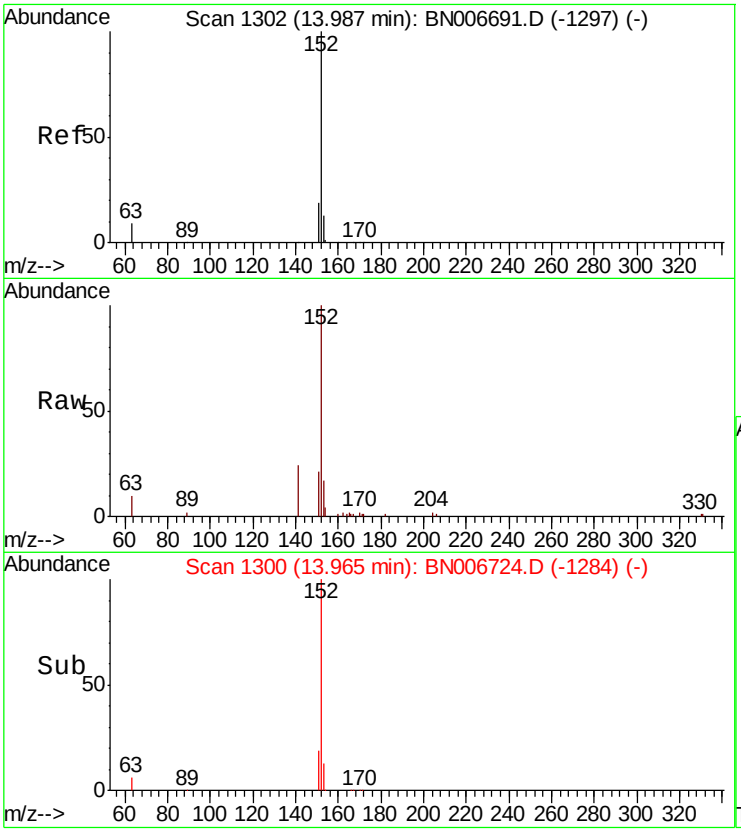


#15
2-Fluorobiphenyl
Concen: 0.206 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:172 Resp: 5423

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	24.4	18.9	28.3



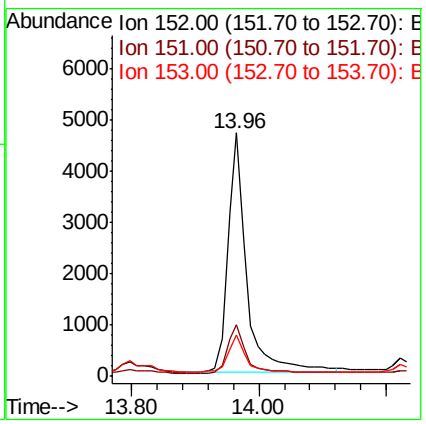


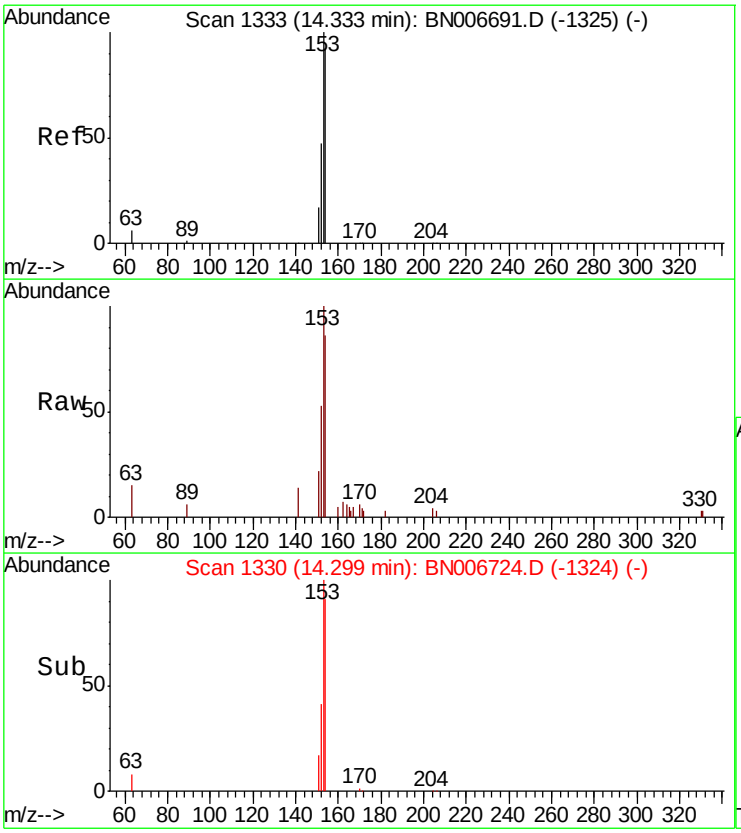
#16
Acenaphthylene
Concen: 0.281 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:152 Resp: 9432

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	14.7	10.6	15.8

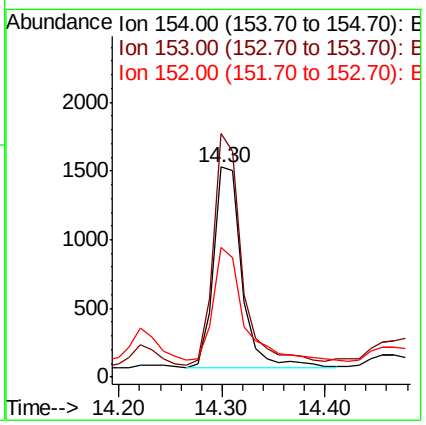


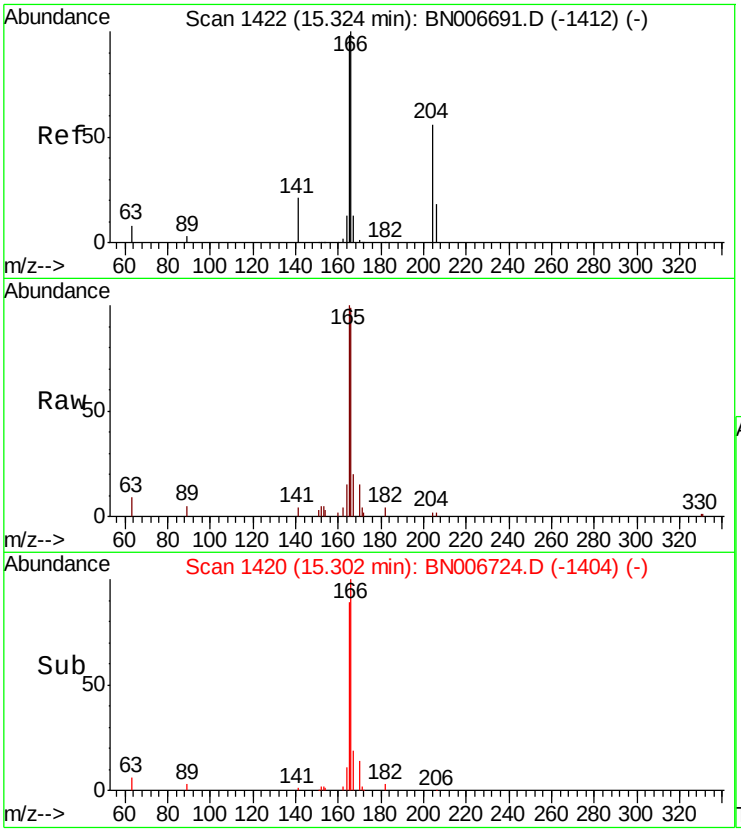


#17
Acenaphthene
Concen: 0.129 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:154 Resp: 2771

Ion	Ratio	Lower	Upper
154	100		
153	116.5	88.9	133.3
152	62.5	42.8	64.2



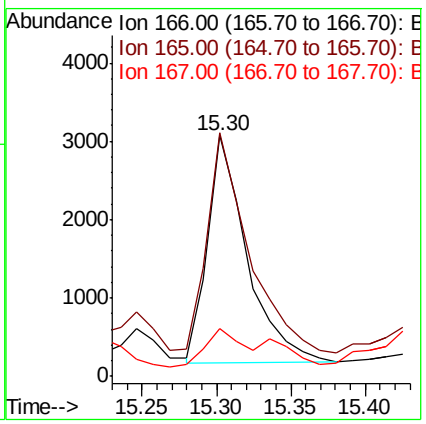


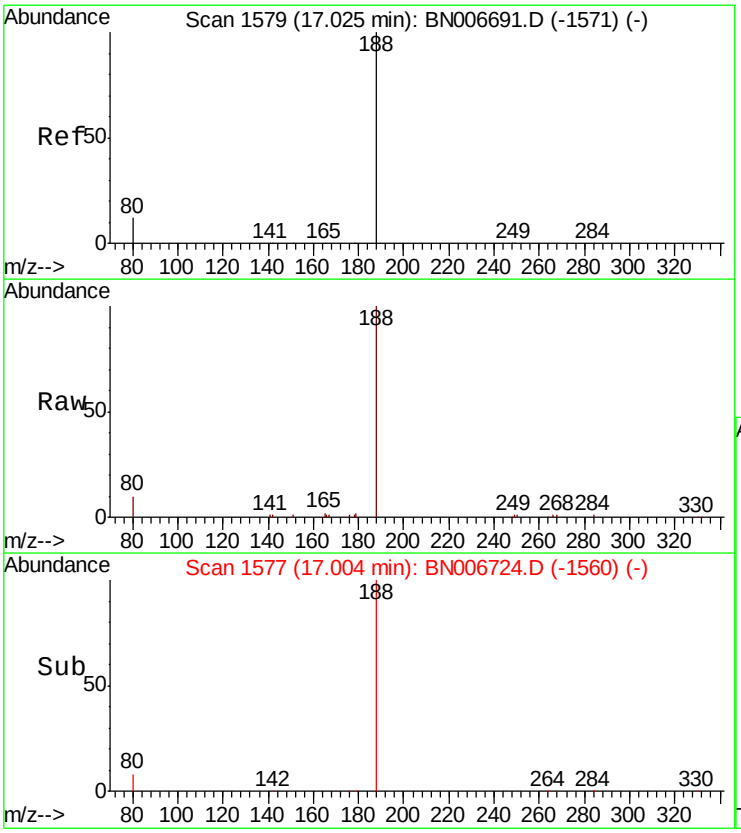
#18
Fluorene
Concen: 0.200 ng
RT: 15.30 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:166 Resp: 5327

Ion	Ratio	Lower	Upper
166	100		
165	103.3	78.0	117.0
167	15.9	10.7	16.1

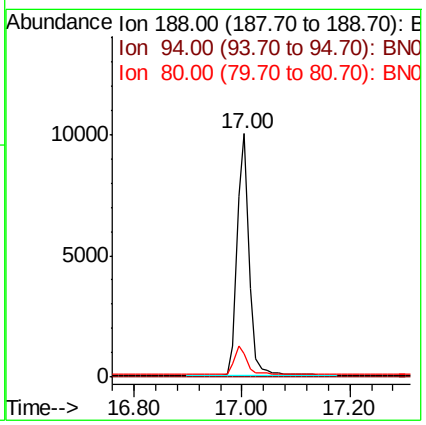


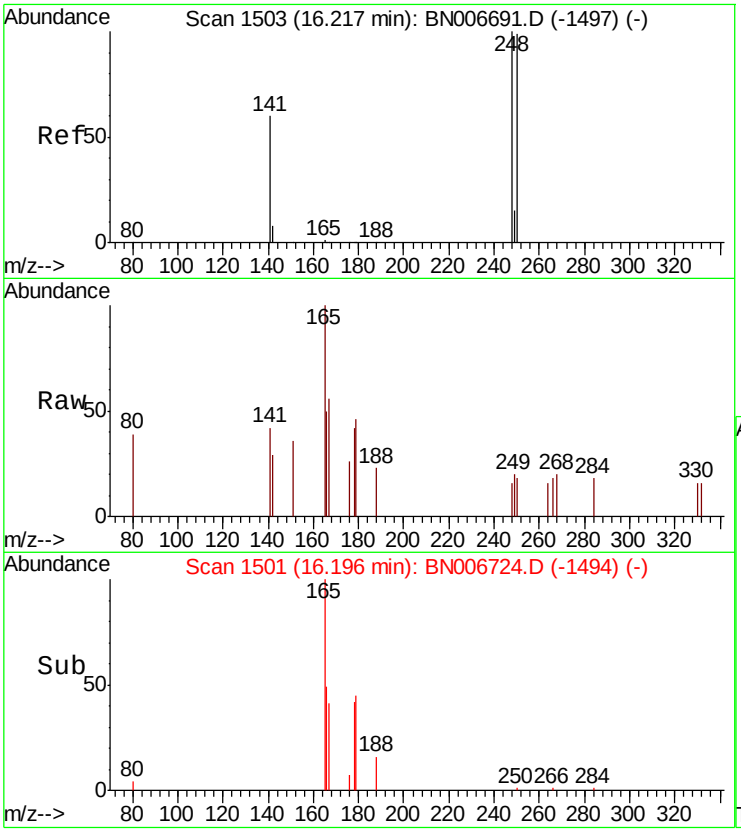


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:188 Resp: 15468

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	10.3	15.5#



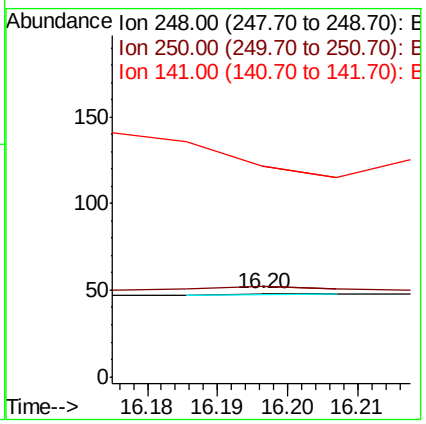


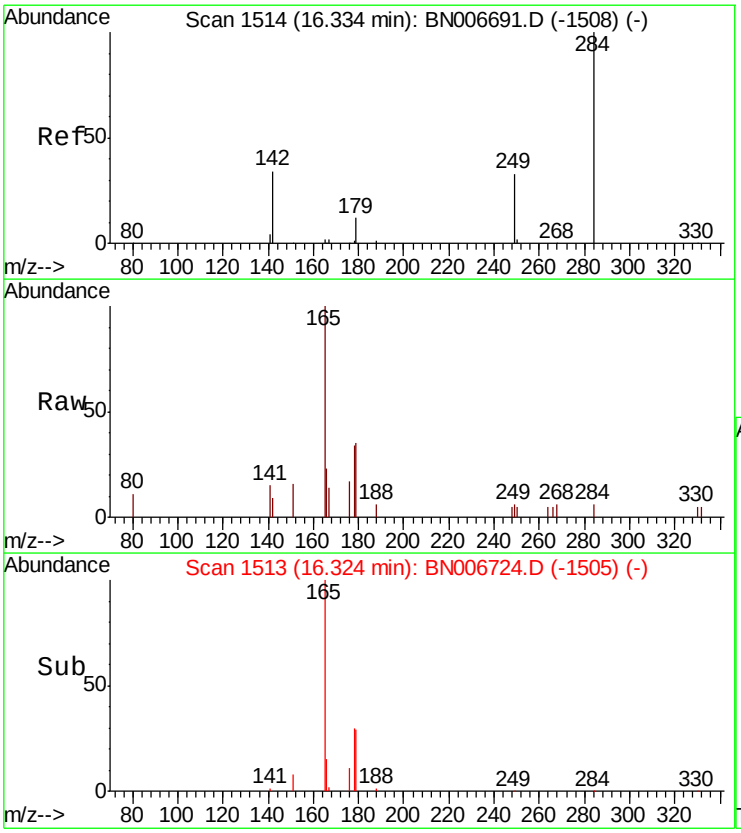
#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.20 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:248 Resp: 1

Ion	Ratio	Lower	Upper
248	100		
250	108.3	79.0	118.6
141	254.2	50.2	75.4#

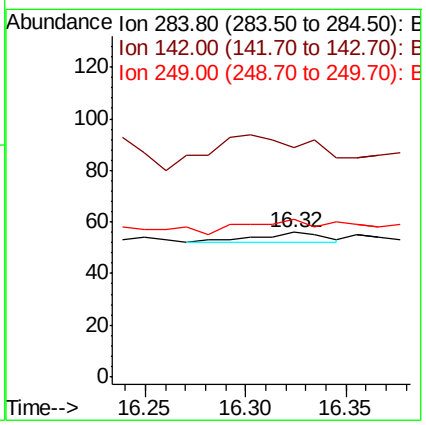


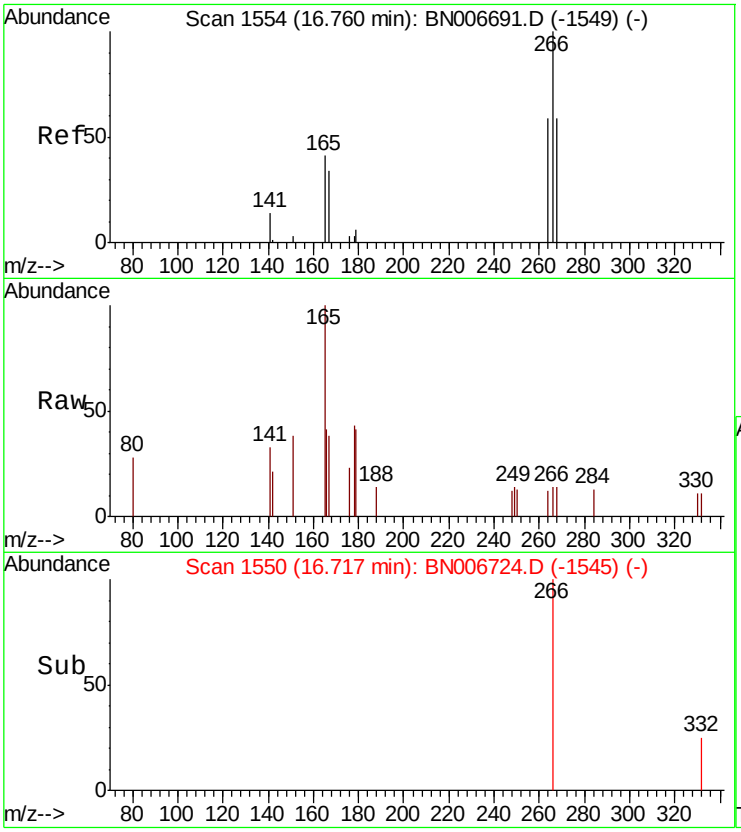


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.32 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:284 Resp: 9

Ion	Ratio	Lower	Upper
284	100		
142	0.0	26.9	40.3#
249	277.8	24.4	36.6#



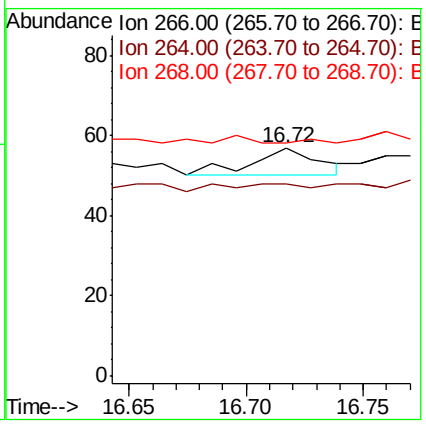


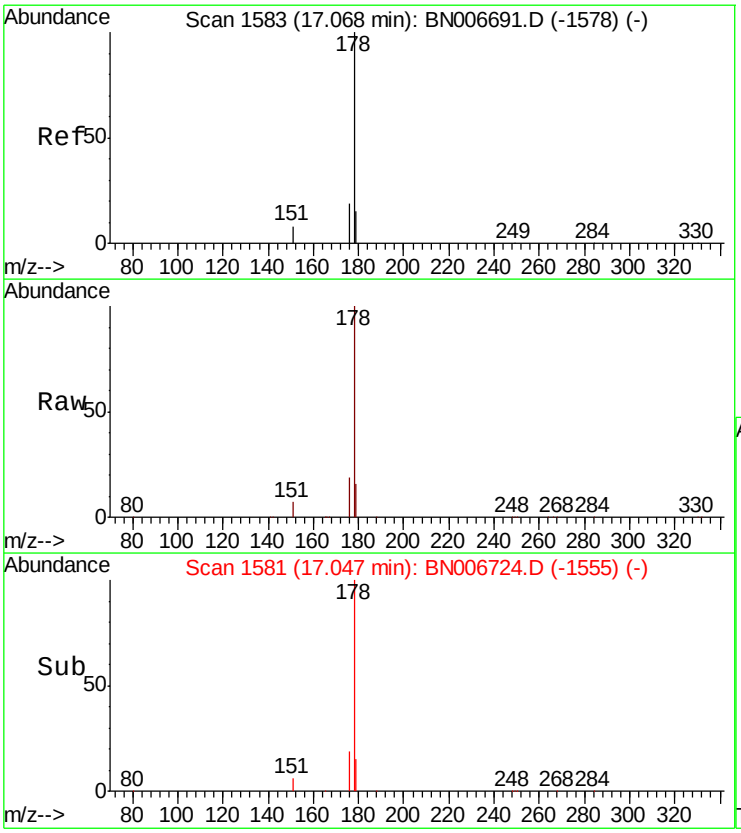
#22
Pentachlorophenol
Concen: 0.120 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	84.2	57.6	86.4
268	101.8	66.6	99.8#

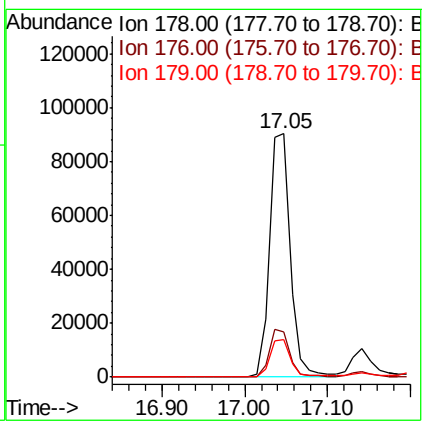


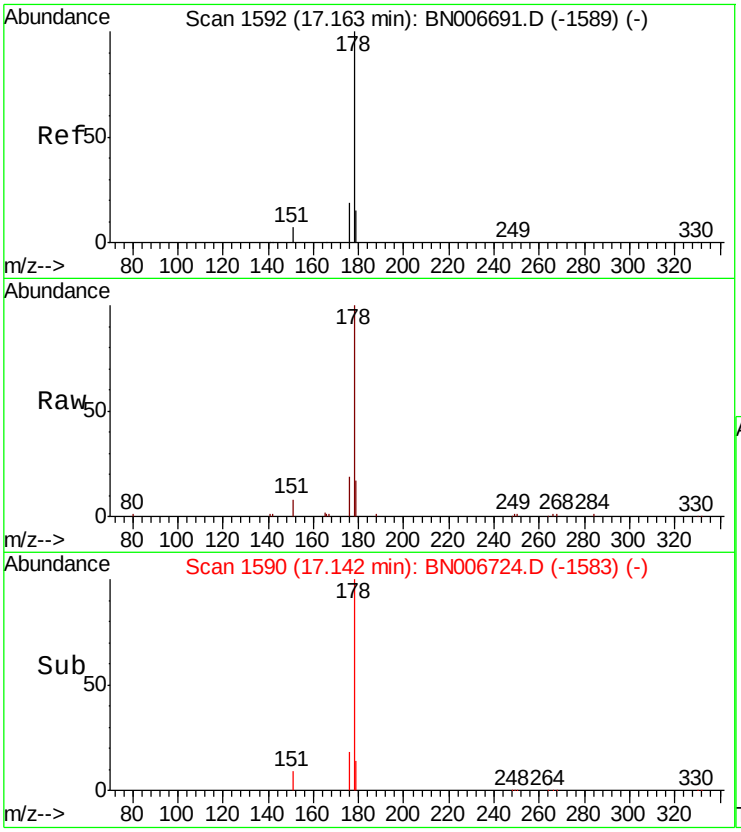


#23
Phenanthrene
Concen: 3.518 ng
RT: 17.05 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:178 Resp: 156833

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



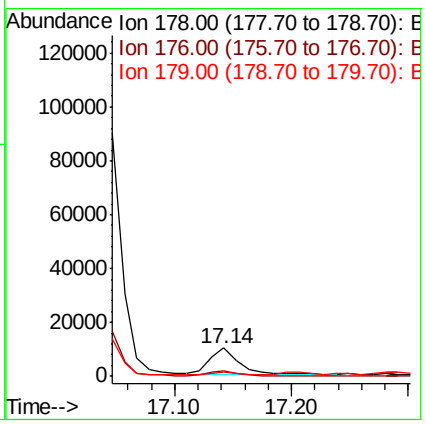


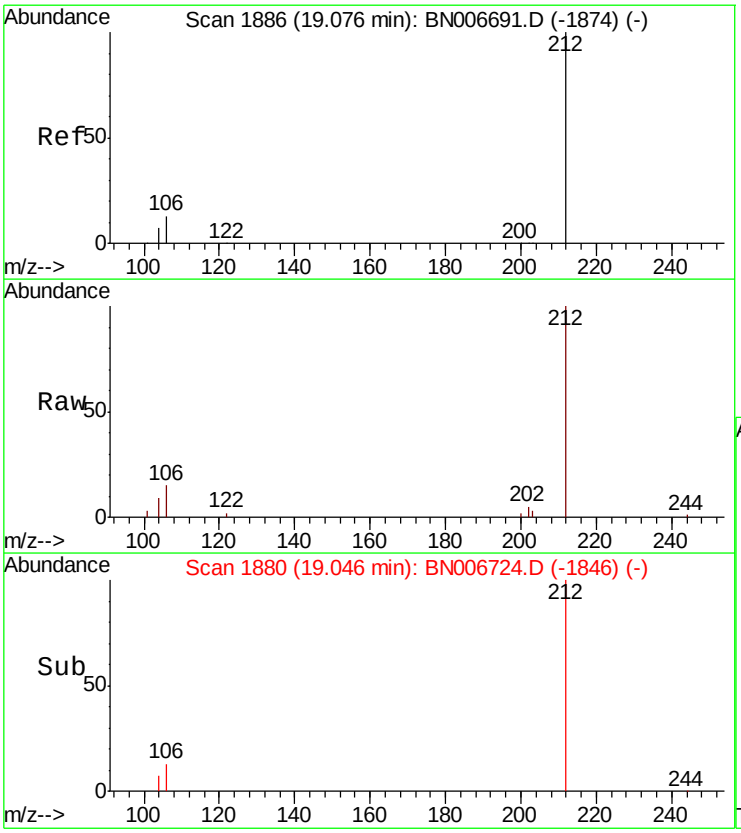
#24
Anthracene
Concen: 0.412 ng
RT: 17.14 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:178 Resp: 16601

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.8	22.2
179	11.4	11.9	17.9#

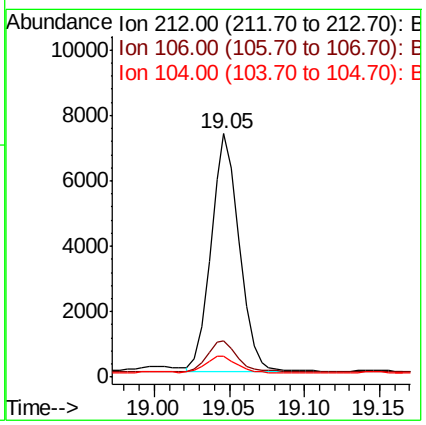


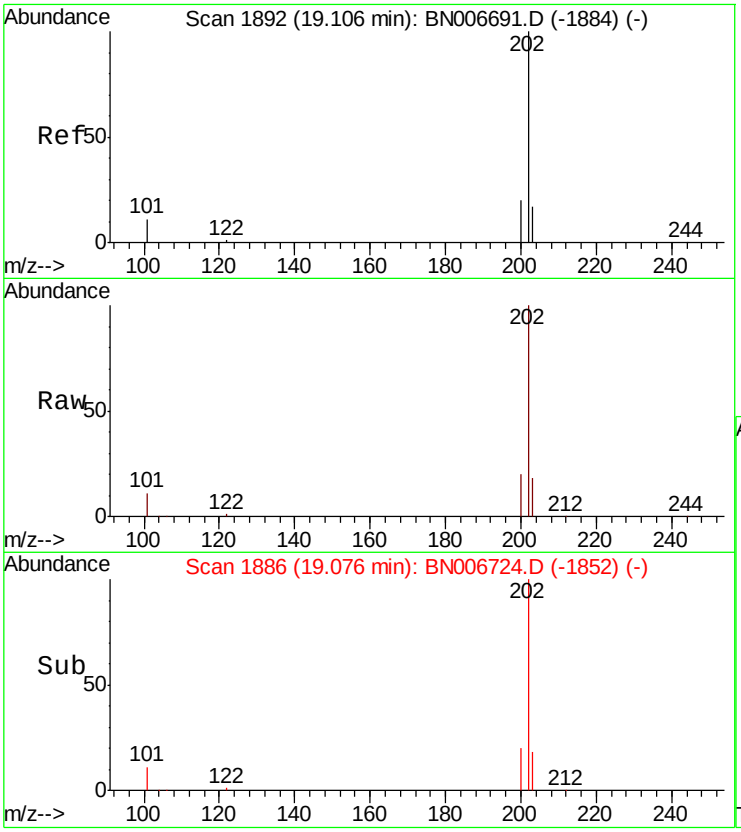


#25
Fluoranthene-d10
Concen: 0.216 ng
RT: 19.05 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:212 Resp: 9560

Ion	Ratio	Lower	Upper
212	100		
106	13.7	11.0	16.6
104	7.6	6.1	9.1



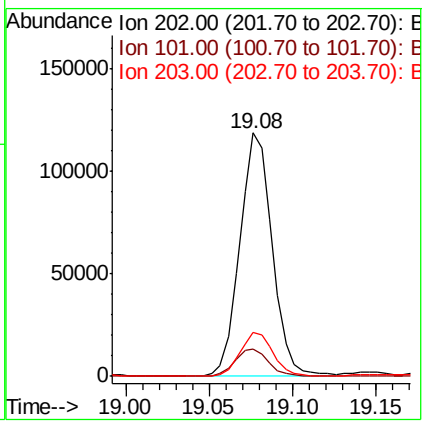


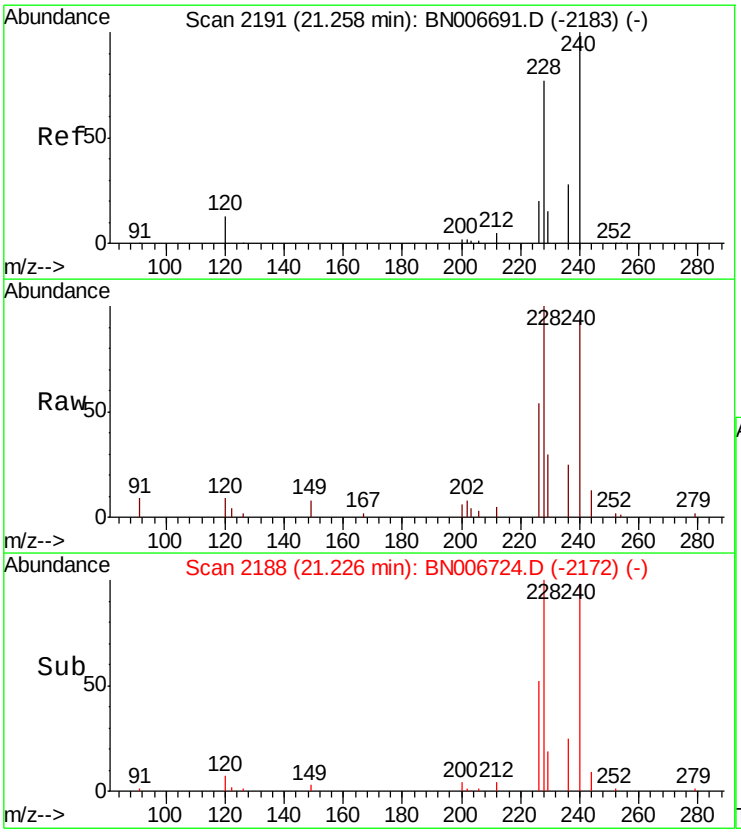
#26
Fluoranthene
Concen: 3.067 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.03 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:202 Resp: 160552

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.7	13.1
203	17.9	13.8	20.6

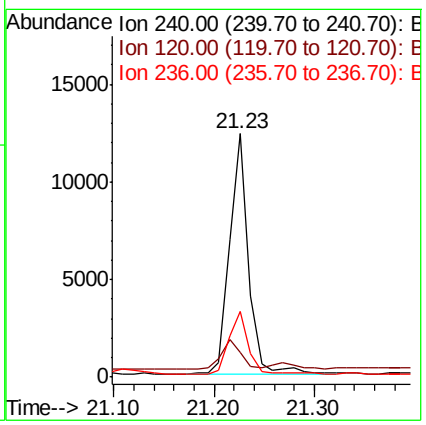


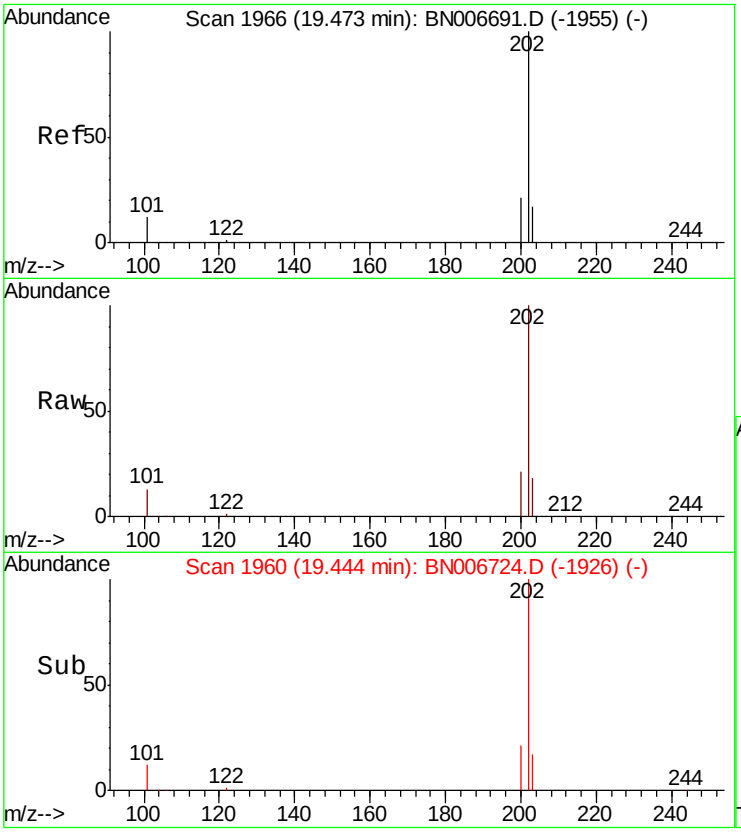


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:240 Resp: 16183

Ion	Ratio	Lower	Upper
240	100		
120	10.0	12.9	19.3#
236	27.0	23.2	34.8



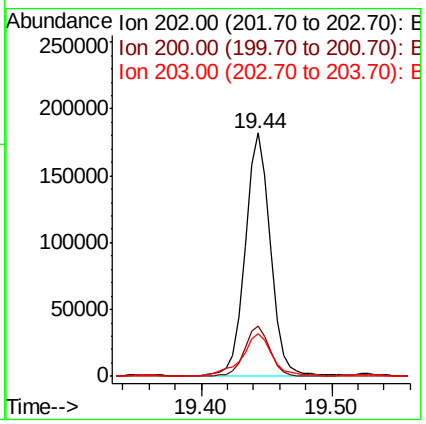


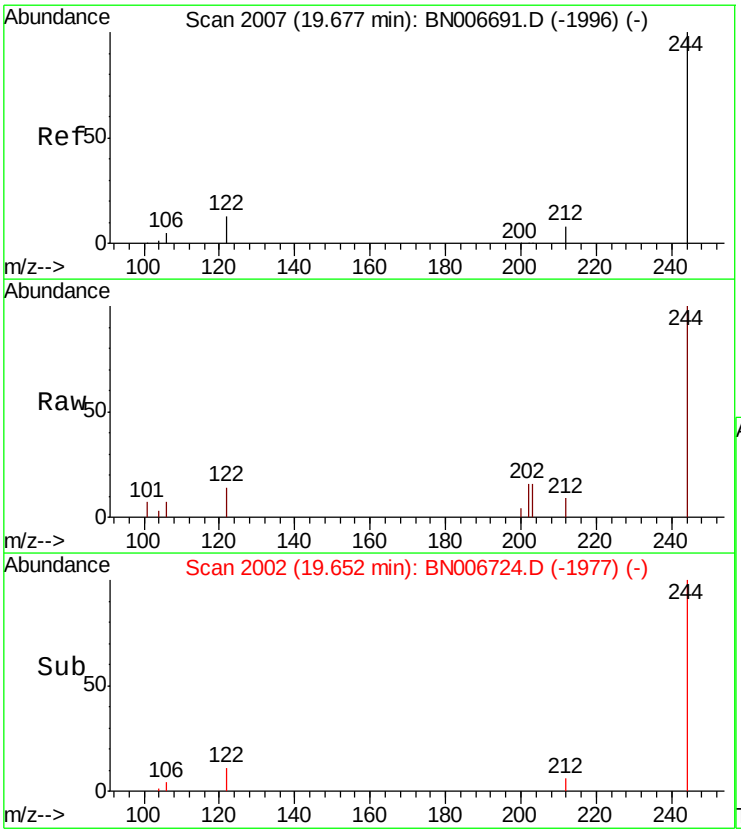
#28
Pyrene
Concen: 3.784 ng
RT: 19.44 min Scan# 1960
Delta R.T. -0.03 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:202 Resp: 245060

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	20.6	14.2	21.2

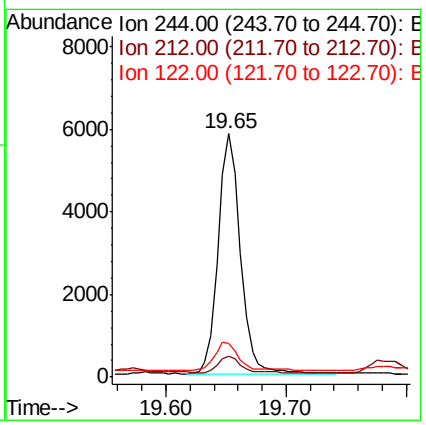


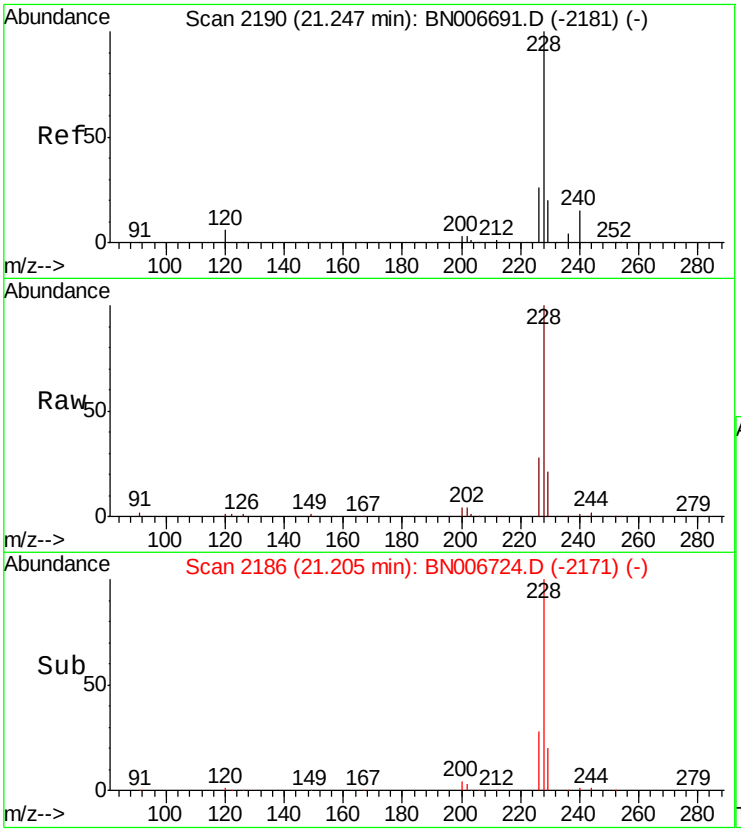


#29
Terphenyl-d14
Concen: 0.201 ng
RT: 19.65 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:244 Resp: 7482

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	13.7	11.5	17.3



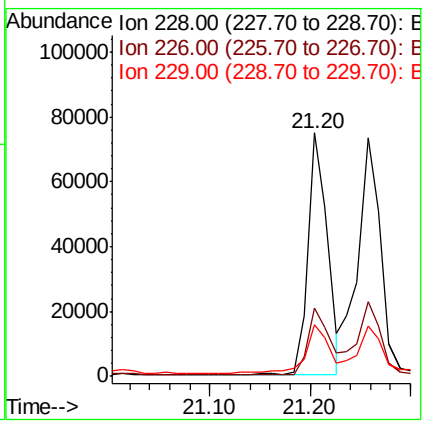


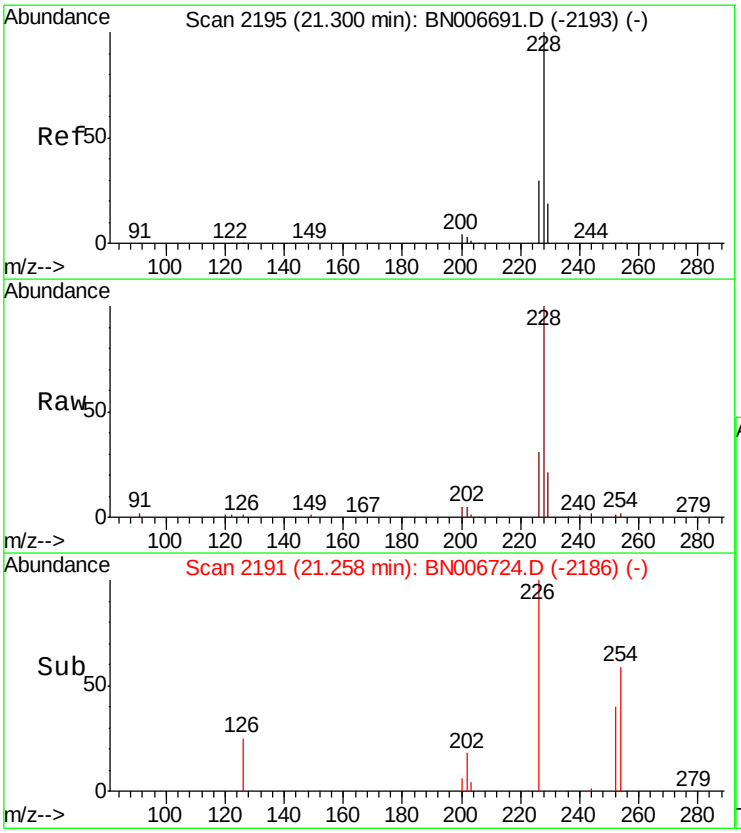
#30
Benzo(a)anthracene
Concen: 1.829 ng
RT: 21.20 min Scan# 2186
Delta R.T. -0.04 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:228 Resp: 102087

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.5	32.3
229	21.0	16.2	24.4

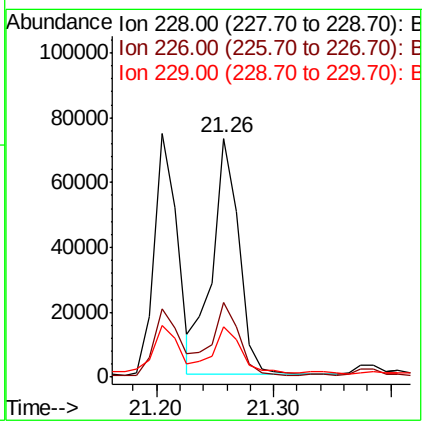


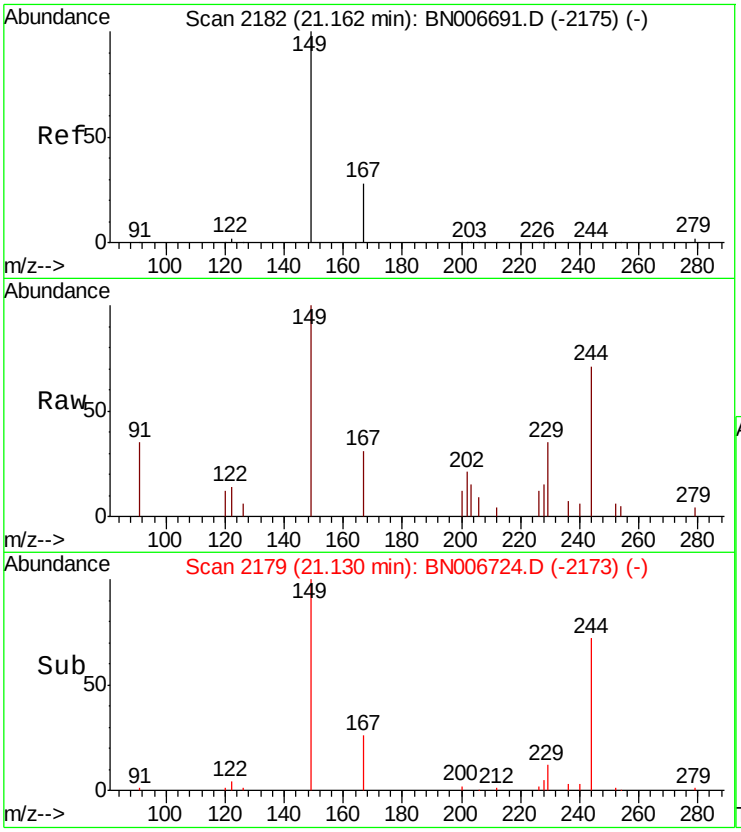


#31
Chrysene
Concen: 2.020 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:228 Resp: 116216

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	20.9	15.8	23.6



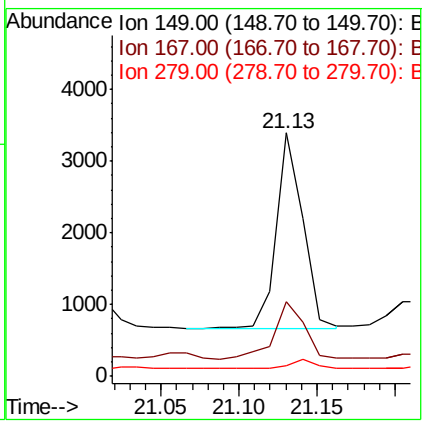


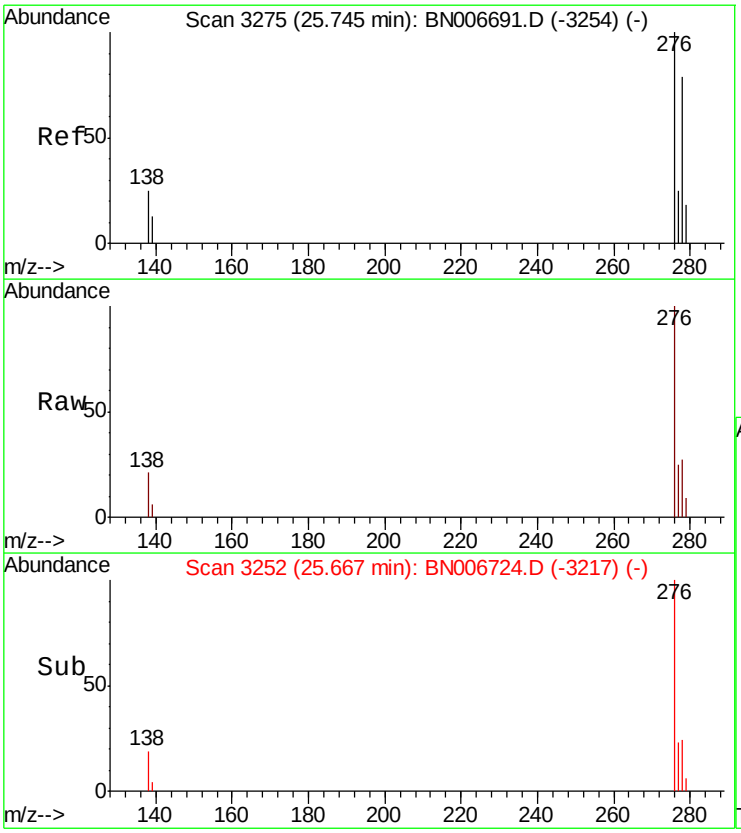
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.019 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.03 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:149 Resp: 3201

Ion	Ratio	Lower	Upper
149	100		
167	33.8	22.9	34.3
279	4.5	3.2	4.8

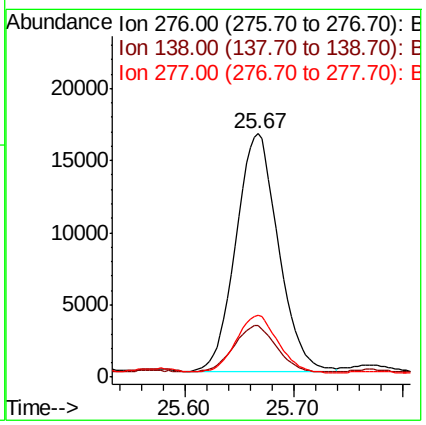


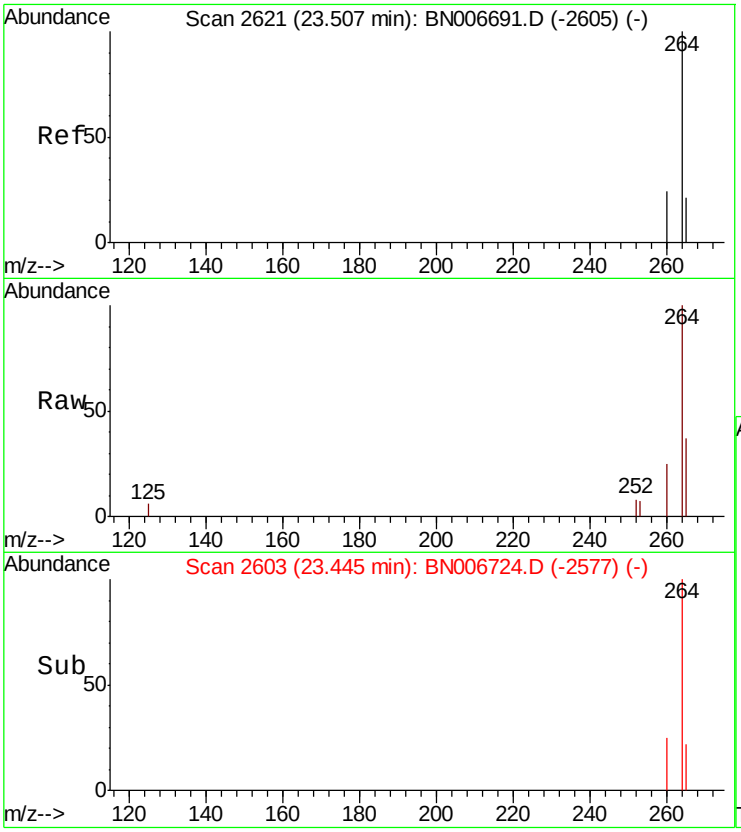


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.649 ng
RT: 25.67 min Scan# 3252
Delta R.T. -0.08 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:276 Resp: 44641

Ion	Ratio	Lower	Upper
276	100		
138	19.9	19.5	29.3
277	23.8	19.7	29.5



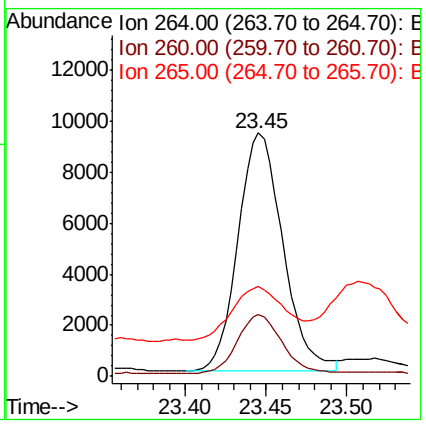


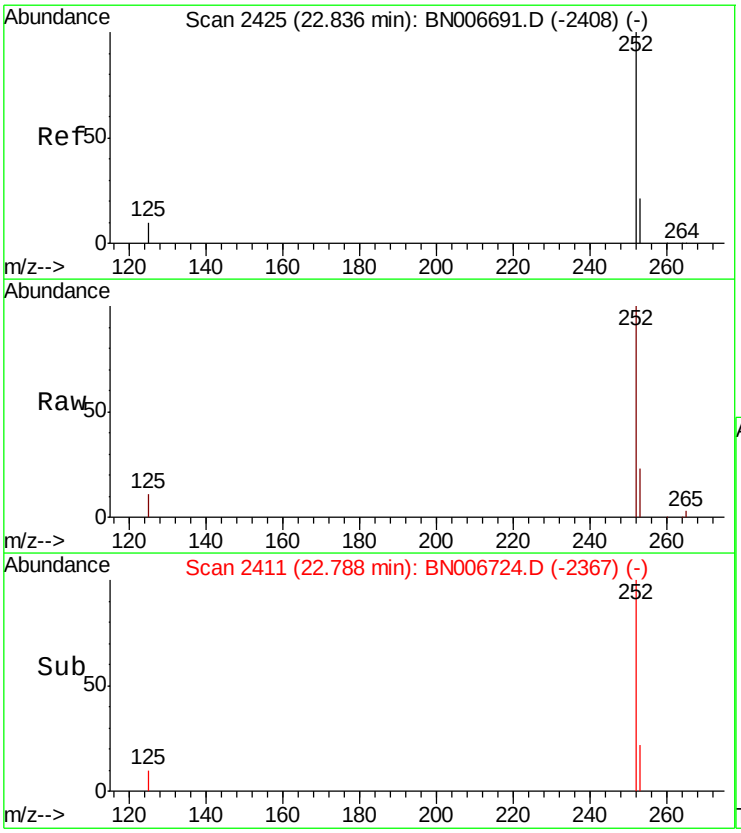
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.45 min Scan# 2603
Delta R.T. -0.06 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:264 Resp: 18087

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	36.8	33.7	50.5

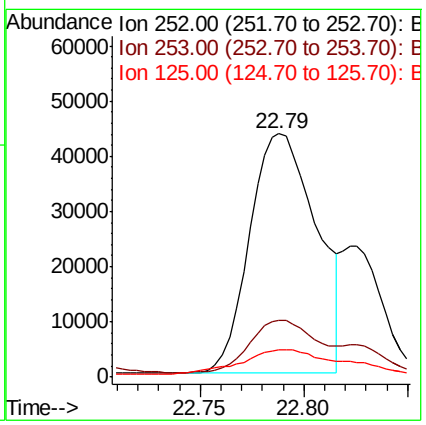


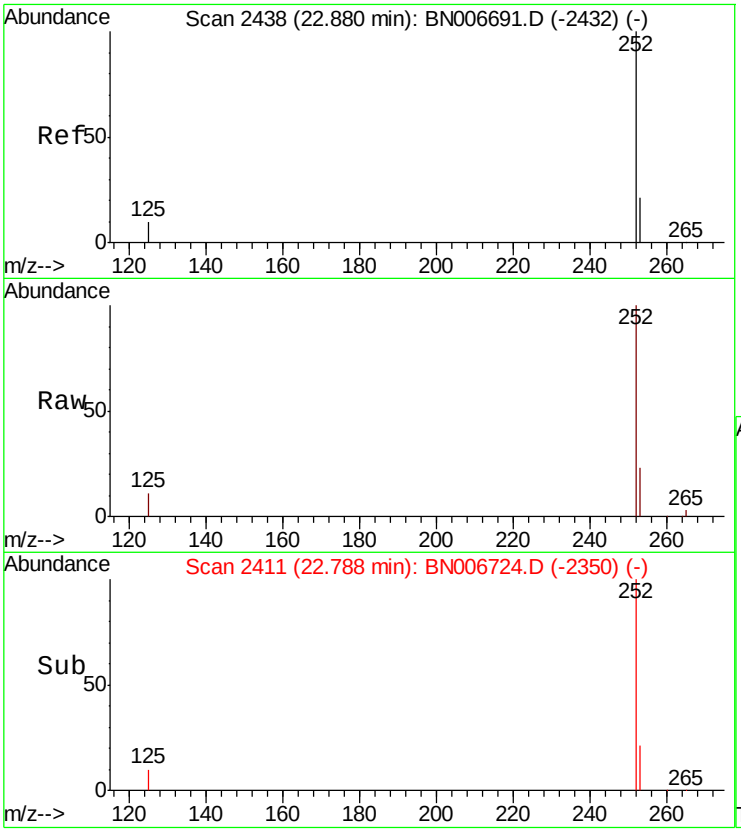


#35
Benzo(b)fluoranthene
Concen: 1.680 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:252 Resp: 97528

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.2	30.2
125	11.1	11.5	17.3#



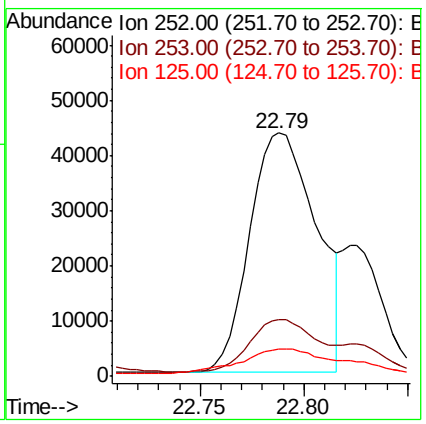


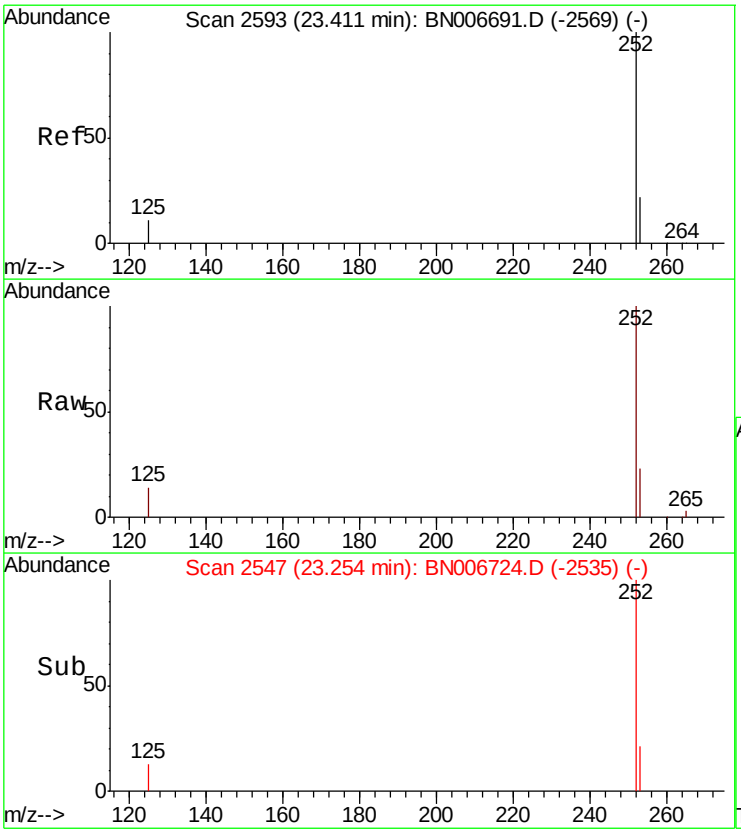
#36
Benzo(k)fluoranthene
Concen: 1.549 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.09 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:252 Resp: 97528

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.1	30.1
125	11.1	11.4	17.0#

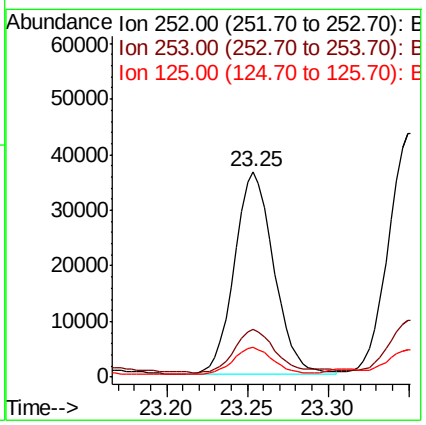


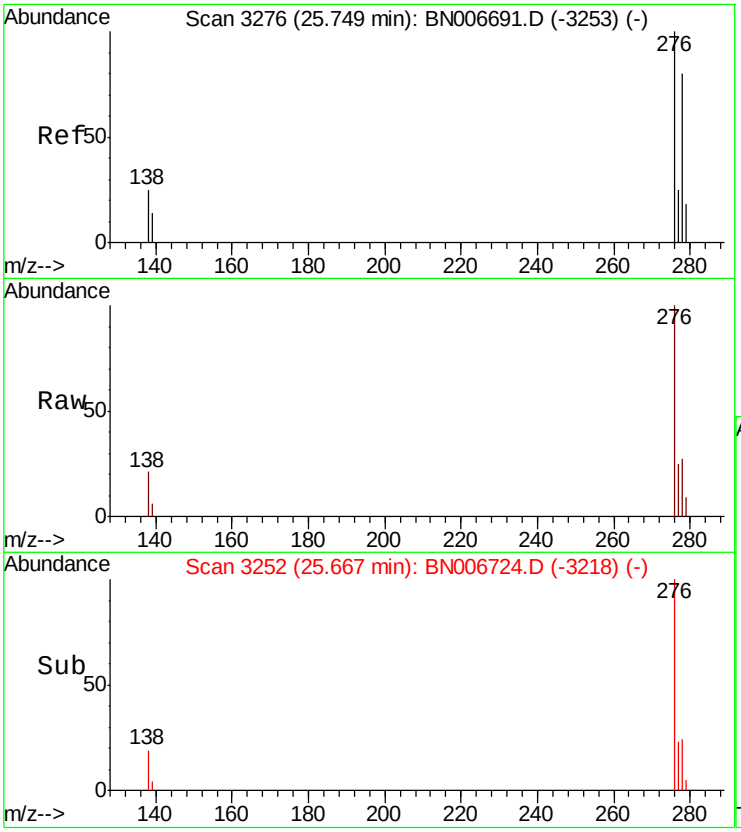


#37
Benzo(a)pyrene
Concen: 1.097 ng
RT: 23.25 min Scan# 2547
Delta R.T. -0.16 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:252 Resp: 61694

Ion	Ratio	Lower	Upper
252	100		
253	23.5	21.4	32.2
125	14.5	13.3	19.9



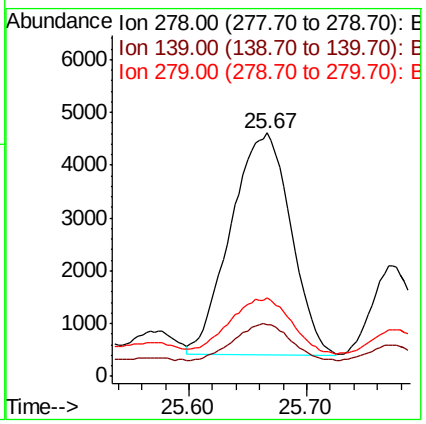


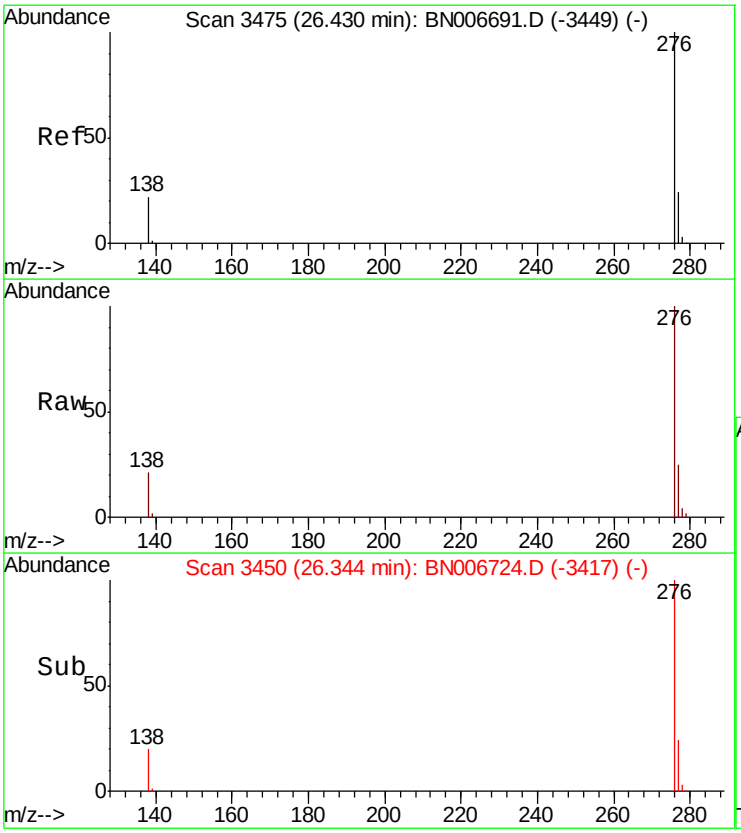
#38
Dibenzo(a,h)anthracene
Concen: 0.265 ng
RT: 25.67 min Scan# 3252
Delta R.T. -0.08 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Instrument :
BNA_N
ClientSampleId :
PST-016-B236-062619

Tgt Ion:278 Resp: 14824

Ion	Ratio	Lower	Upper
278	100		
139	21.2	16.2	24.4
279	32.3	20.7	31.1#





#39
Benzo(g,h,i)perylene
Concen: 0.887 ng
RT: 26.34 min Scan# 3450
Delta R.T. -0.09 min
Lab File: BN006724.D
Acq: 05 Jul 2019 20:00

Tgt Ion:276 Resp: 51029

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.6	30.8
138	21.2	19.7	29.5