Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004956.D
Acq On : 25 Mar 2019 12:24
Operator : JU/SJ
Sample : K1817-07REDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-027-SW015-030719DL

Quant Time: Mar 26 01:16:36 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	7.68	152	3806	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	15236	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	7882	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	17190	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	19635	0.40	ng		-0.01
34) Perylene-d12	23.53	264	20986	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	2059	0.20	ng		0.00
5) Phenol-d6	6.86	99	2559	0.20	ng		-0.02
8) Nitrobenzene-d5	8.84	82	2000	0.20	ng		-0.03
11) 2-Methylnaphthalene-d10	12.07	152	3991	0.15	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	851	0.16	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	5364	0.16	ng		-0.02
25) Fluoranthene-d10	19.12	212	6715	0.12	ng		-0.02
29) Terphenyl-d14	19.71	244	4794	0.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	107	0.025	ng	#	27
9) Naphthalene	10.52	128	6106	0.143	ng		99
12) 2-Methylnaphthalene	12.14	142	5206	0.164	ng		99
16) Acenaphthylene	14.04	152	6308	0.155	ng	#	94
17) Acenaphthene	14.39	154	27656	1.040	ng		100
18) Fluorene	15.38	166	25372	0.684	ng		97
23) Phenanthrene	17.12	178	390082	7.028	ng		99
24) Anthracene	17.21	178	95983	1.936	ng	#	92
26) Fluoranthene	19.15	202	445273	6.242	ng		98
28) Pyrene	19.51	202	364631	6.091	ng	#	93
30) Benzo(a)anthracene	21.26	228	232528	3.611	ng		98
31) Chrysene	21.31	228	179163	2.642	ng		96
32) Bis(2-ethylhexyl)phthalate	21.17	149	21330	0.829	ng		99
33) Indeno(1,2,3-cd)pyrene	25.79	276	92437	0.942	ng		100
35) Benzo(b)fluoranthene	22.85	252	216914	2.857	ng	#	98
36) Benzo(k)fluoranthene	22.85	252	216914	2.904	ng	#	97
37) Benzo(a)pyrene	23.43	252	160071	2.298	ng		98
38) Dibenzo(a,h)anthracene	25.80	278	28761	0.357	ng	#	84
39) Benzo(g,h,i)perylene	26.49	276	80452	0.979	ng		97

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

Quantitation Report (Not Reviewed)

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Data File : BN004956.D
Acq On : 25 Mar 2019 12:24
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Sample : K1817-07REDL 2X
Misc :
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Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Quant Time: Mar 26 01:16:36 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
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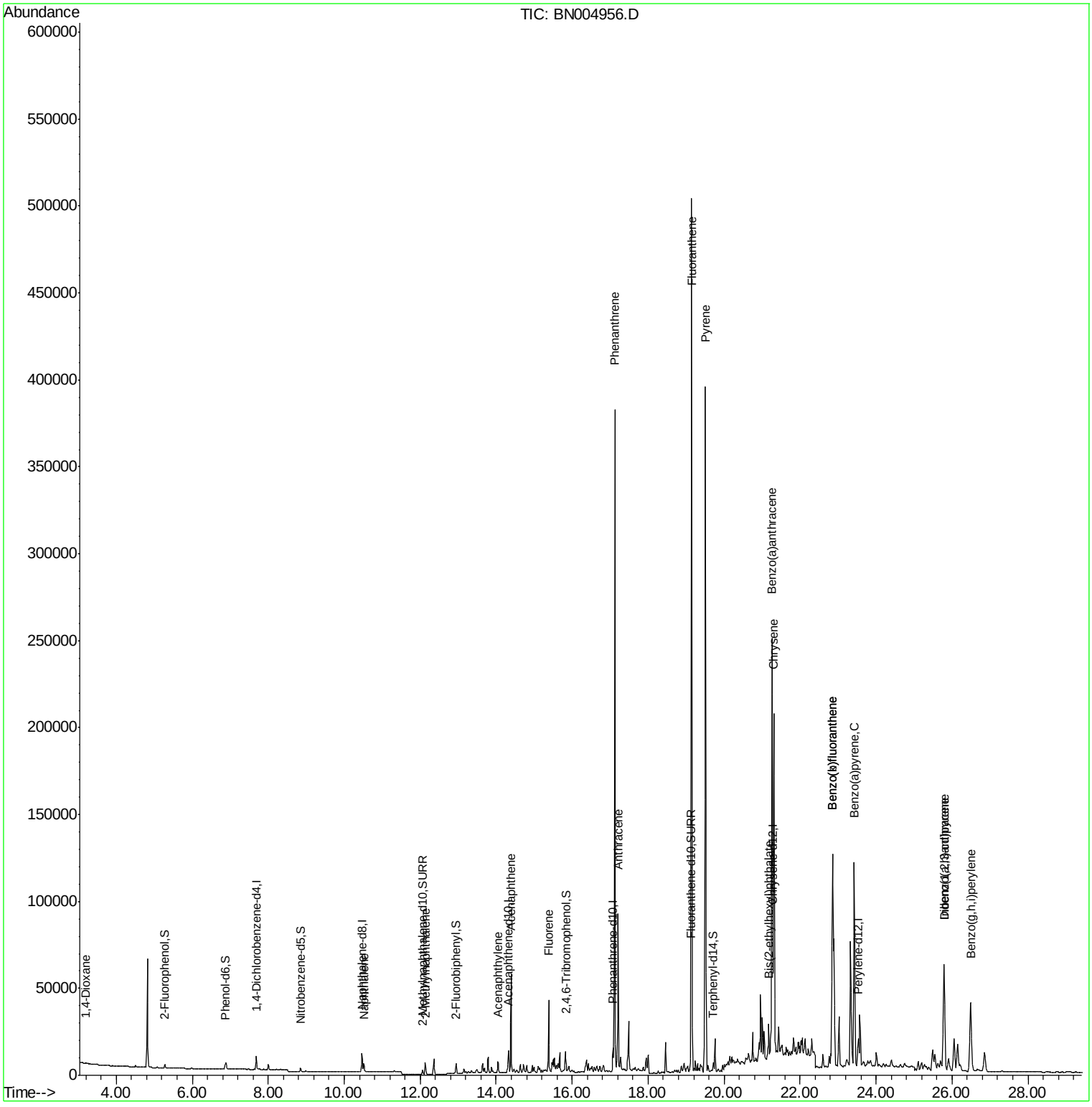
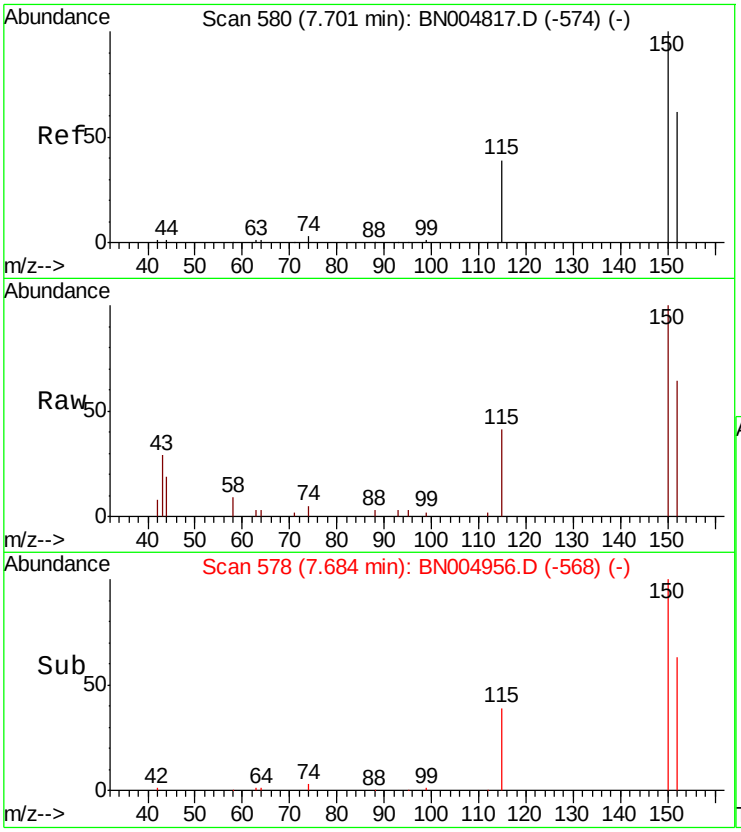


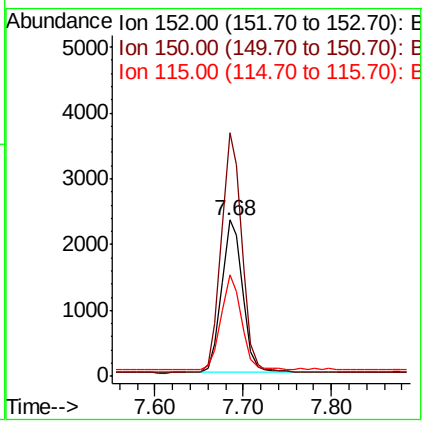


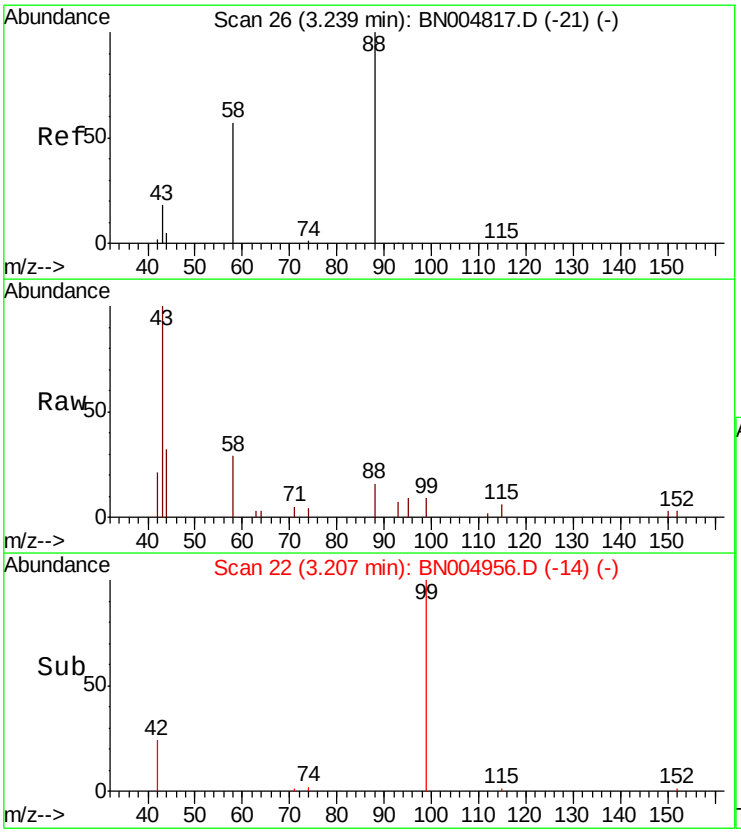
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:152 Resp: 3806

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.4
115	64.6	52.6	79.0

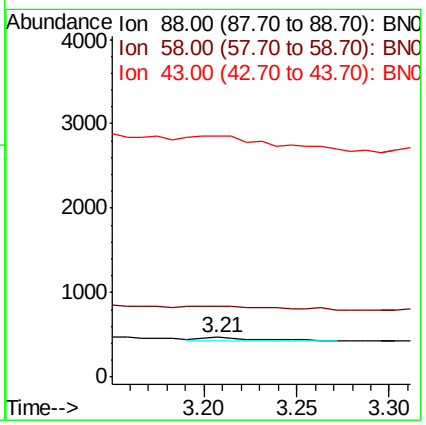


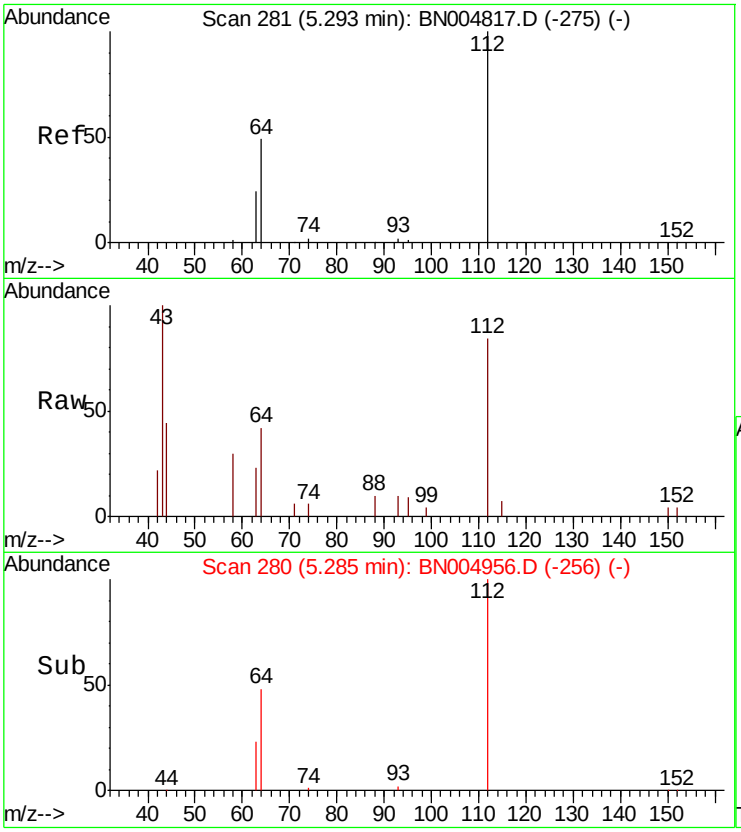


#2
1,4-Dioxane
Concen: 0.025 ng
RT: 3.21 min Scan# 22
Delta R.T. -0.03 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion: 88 Resp: 107

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.4	77.2#
43	0.0	20.0	30.0#



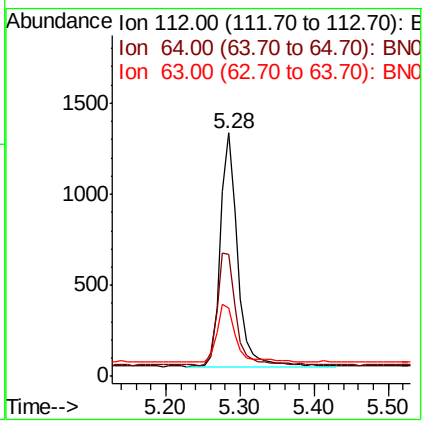


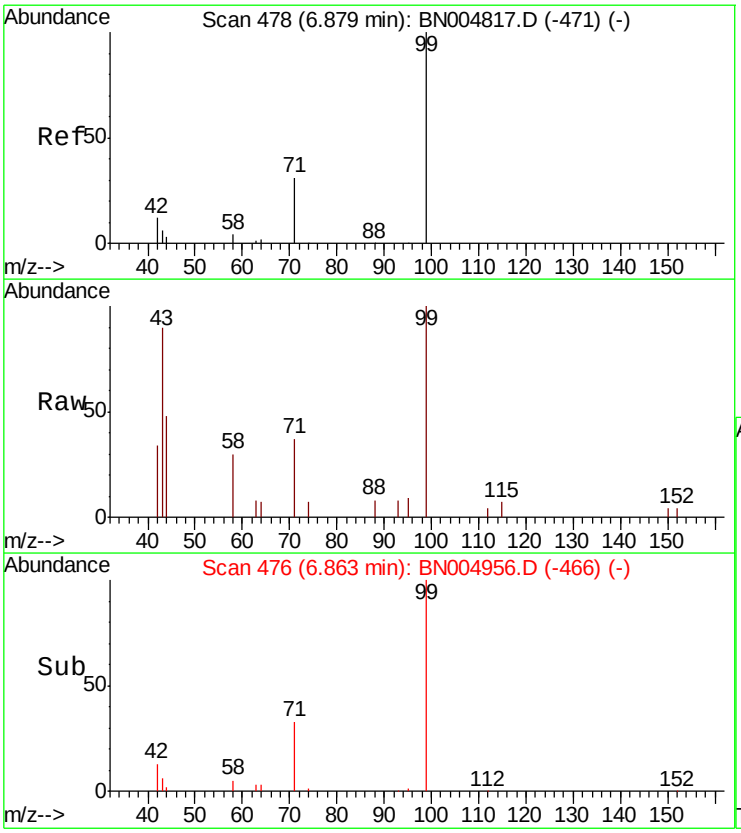
#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:112 Resp: 2059

Ion	Ratio	Lower	Upper
112	100		
64	51.9	40.0	60.0
63	27.4	20.2	30.2

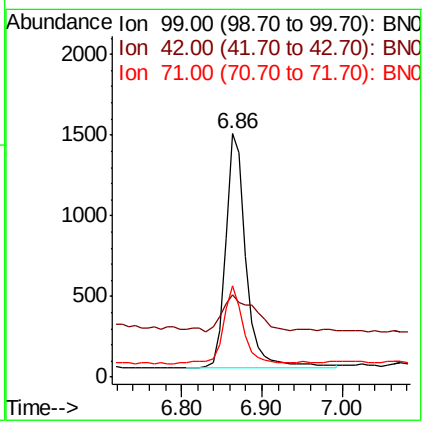


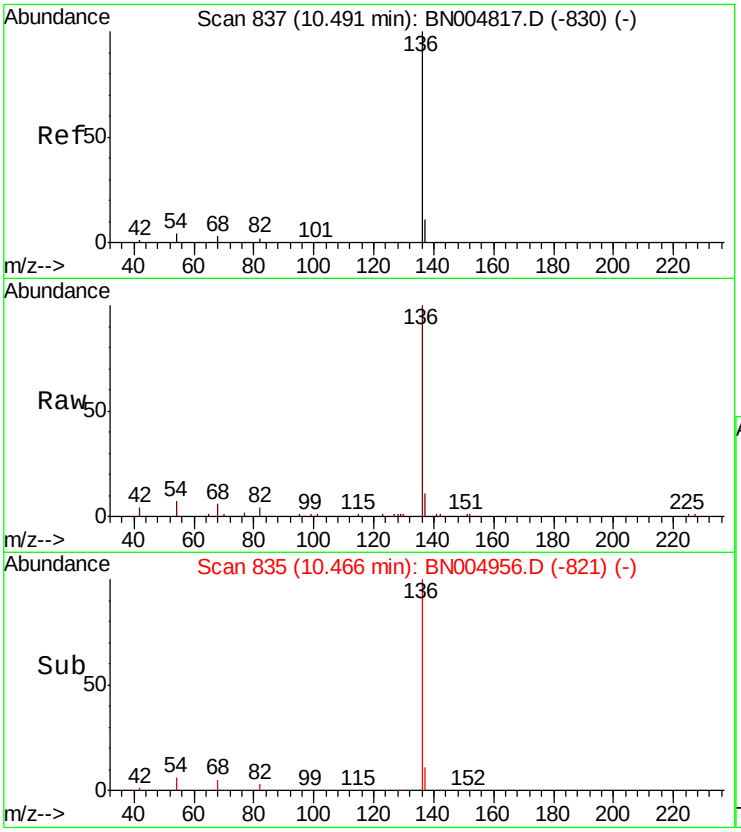


#5
Phenol-d6
Concen: 0.199 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion: 99 Resp: 2559

Ion	Ratio	Lower	Upper
99	100		
42	23.2	12.7	19.1#
71	32.5	26.6	40.0



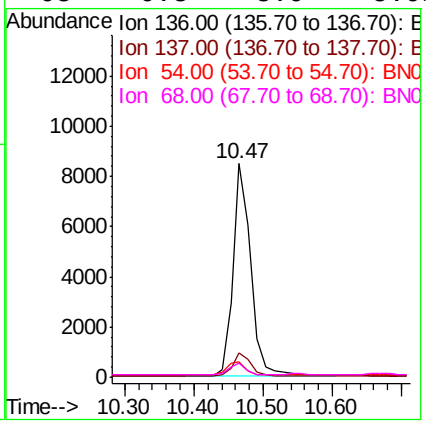


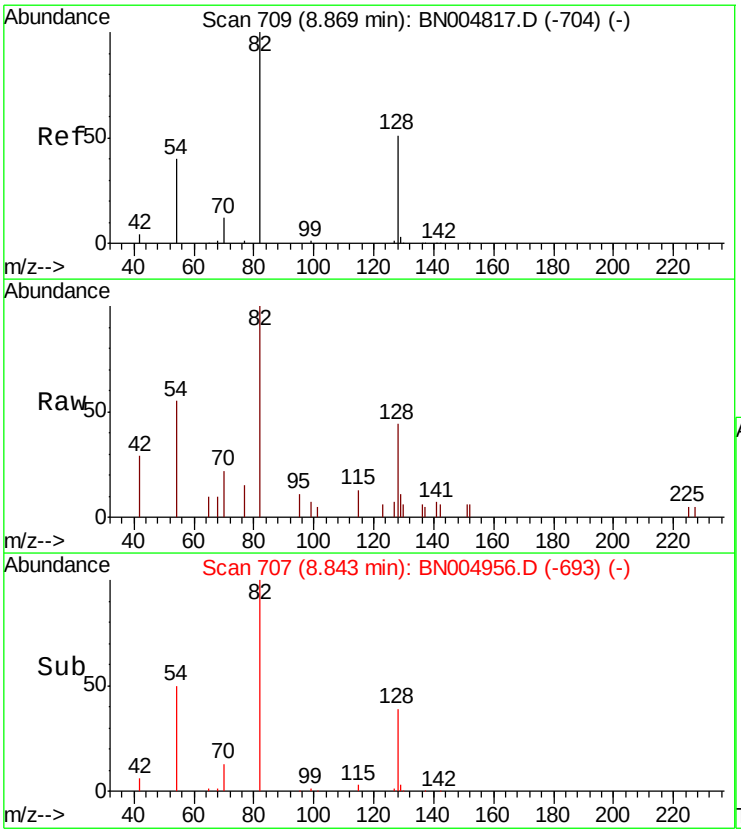
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:136 Resp: 15236

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	7.3	4.2	6.2#
68	6.3	3.9	5.9#

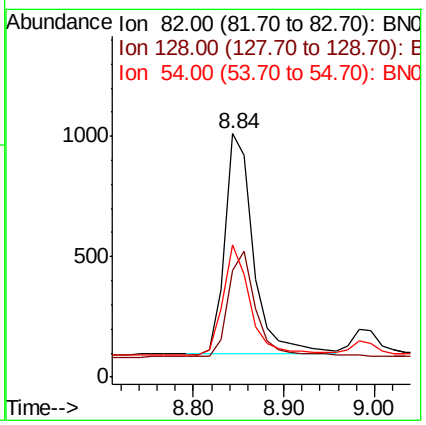


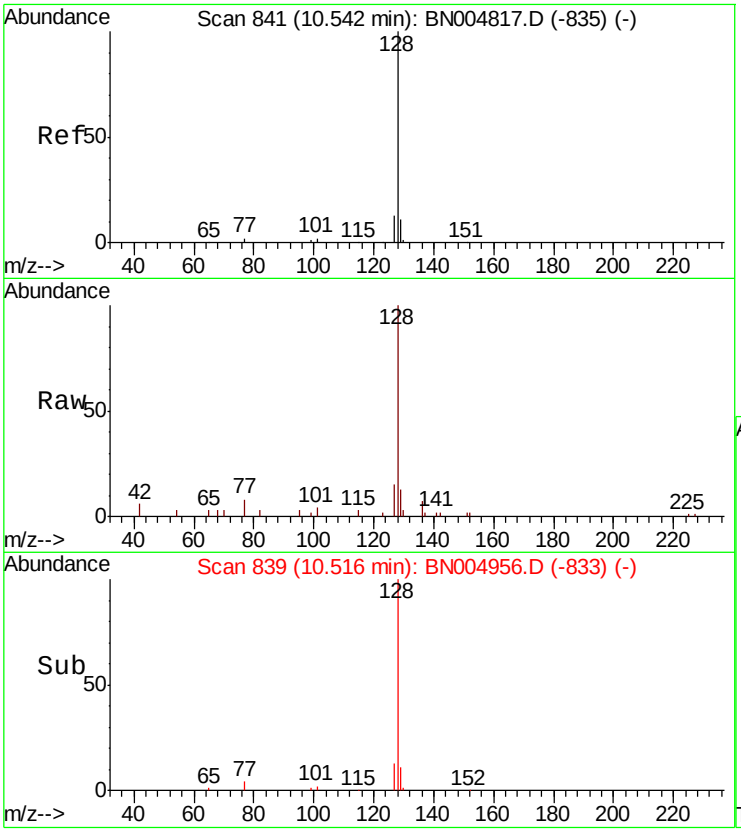


#8
Nitrobenzene-d5
Concen: 0.198 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion: 82 Resp: 2000

Ion	Ratio	Lower	Upper
82	100		
128	43.8	43.0	64.6
54	54.5	35.3	52.9#



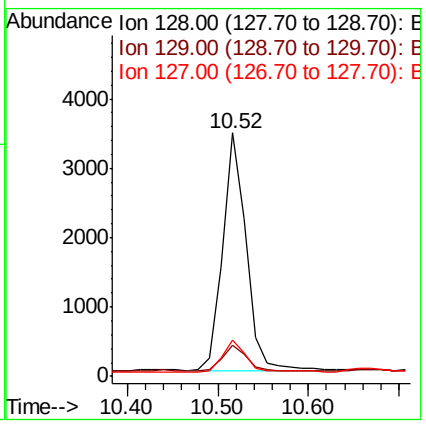


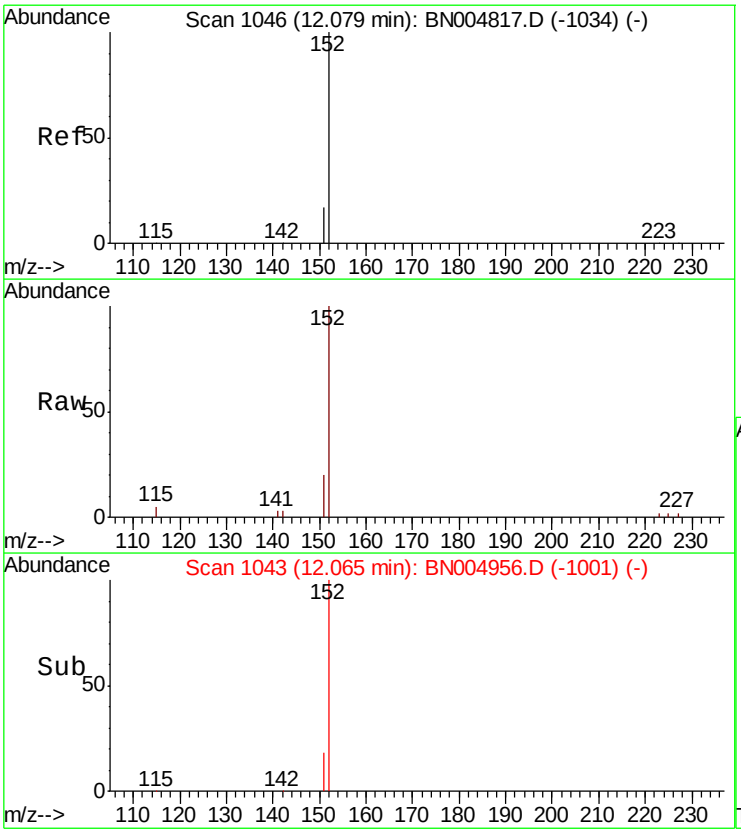
#9
Naphthalene
Concen: 0.143 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:128 Resp: 6106

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.9	14.9
127	14.6	11.3	16.9

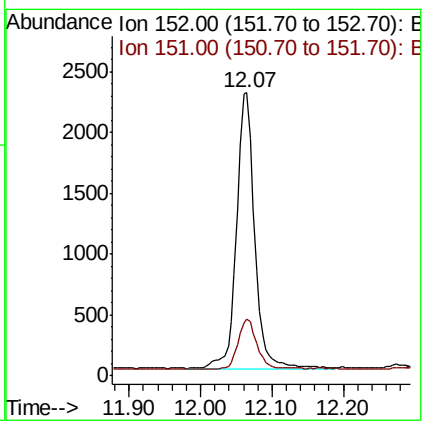


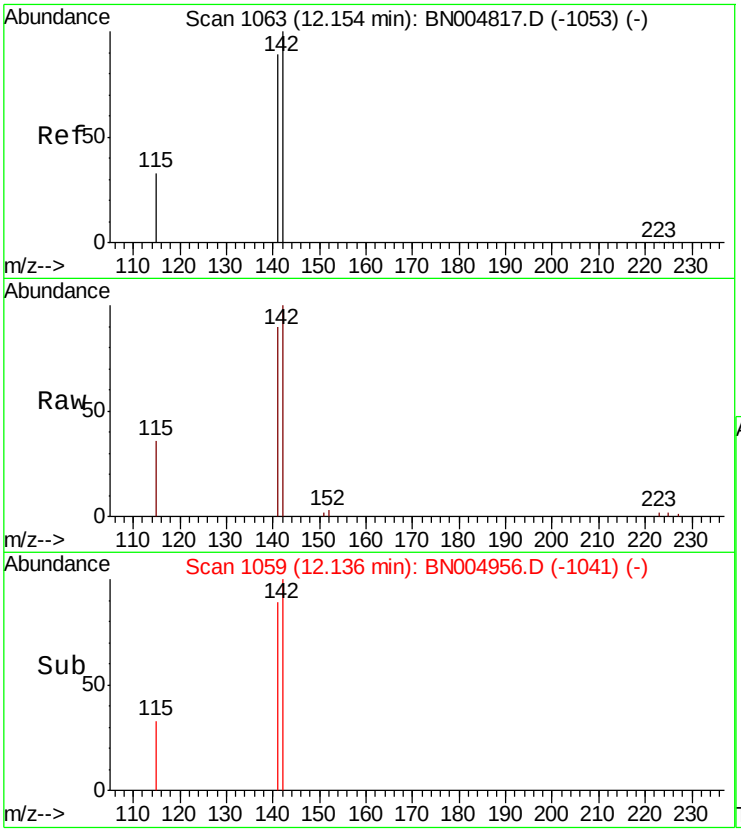


#11
2-Methylnaphthalene-d10
Concen: 0.150 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:152 Resp: 3991

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.5	23.3



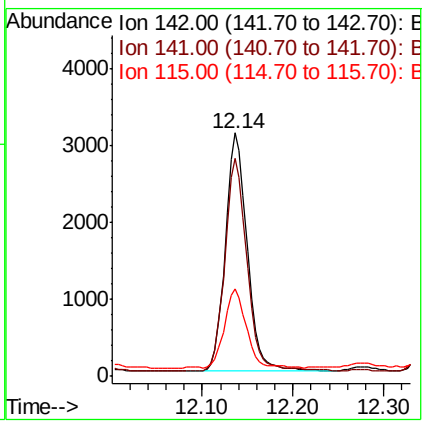


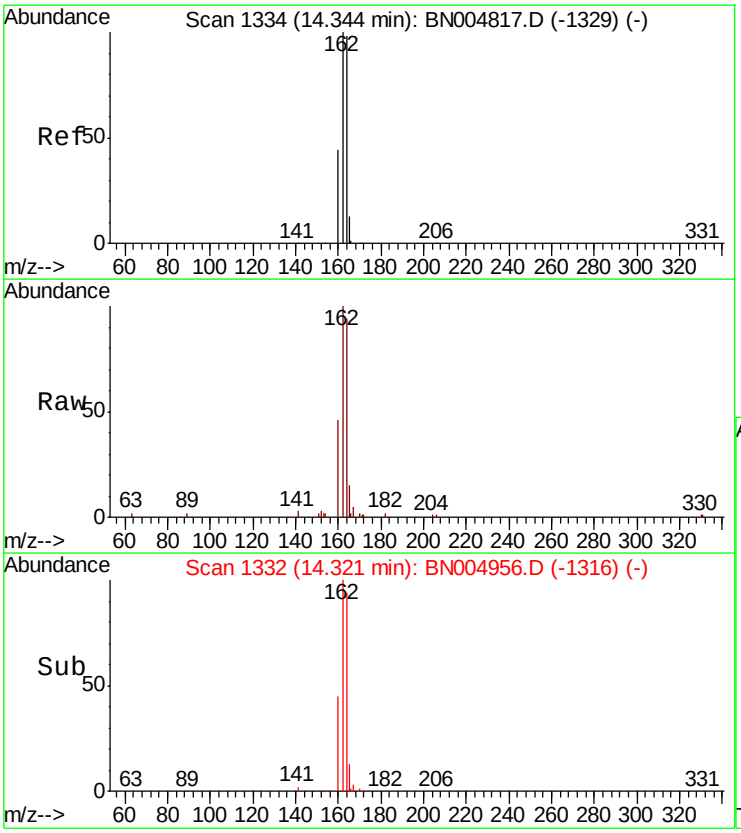
#12
2-Methylnaphthalene
Concen: 0.164 ng
RT: 12.14 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:142 Resp: 5206

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	35.8	27.5	41.3

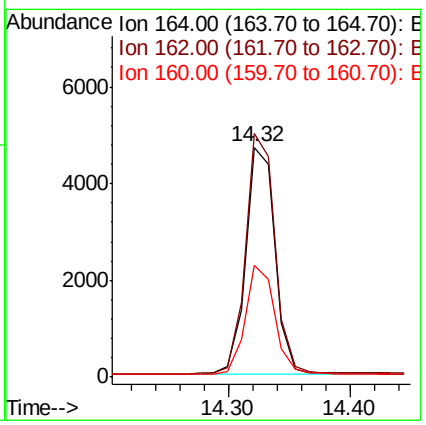


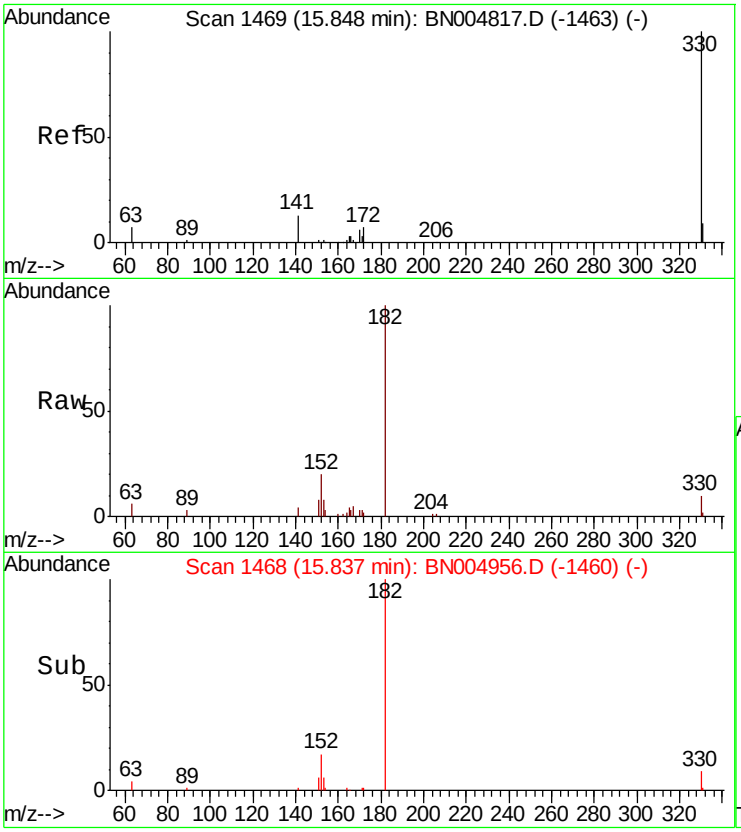


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:164 Resp: 7882

Ion	Ratio	Lower	Upper
164	100		
162	106.0	81.9	122.9
160	48.8	36.6	54.8



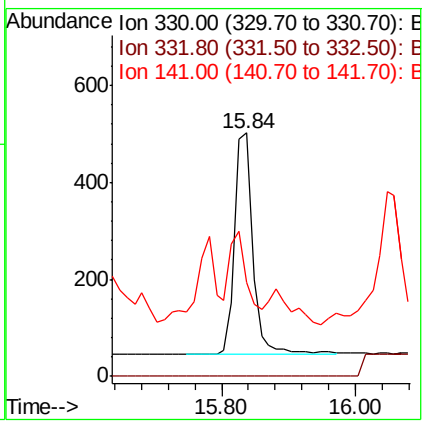


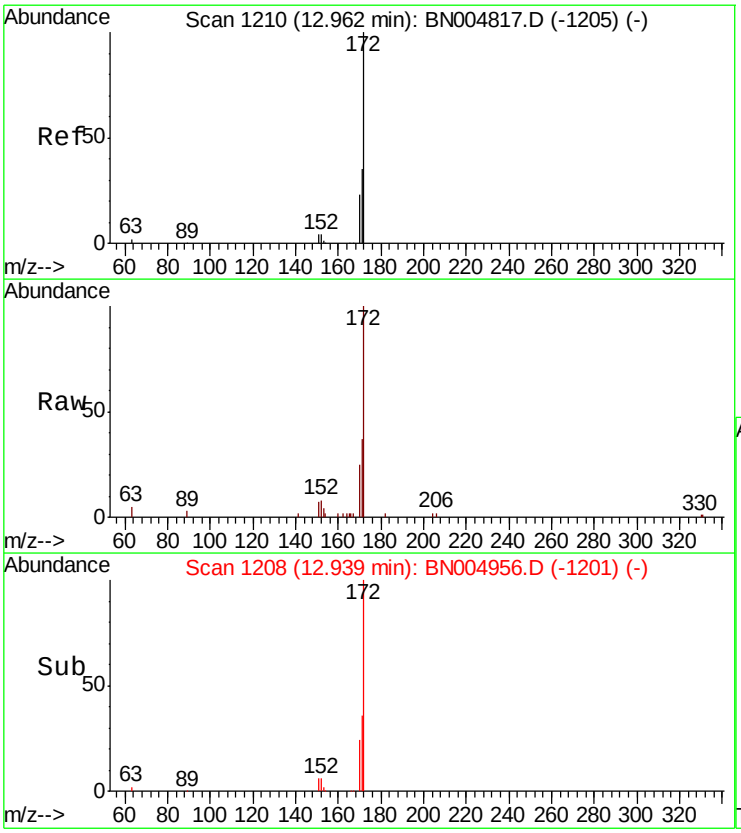
#14
2,4,6-Tribromophenol
Concen: 0.156 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:330 Resp: 851

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.0	20.9	31.3#

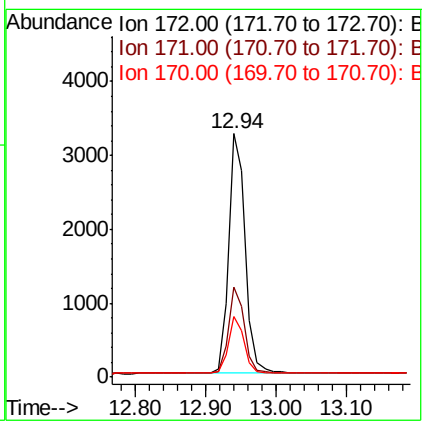


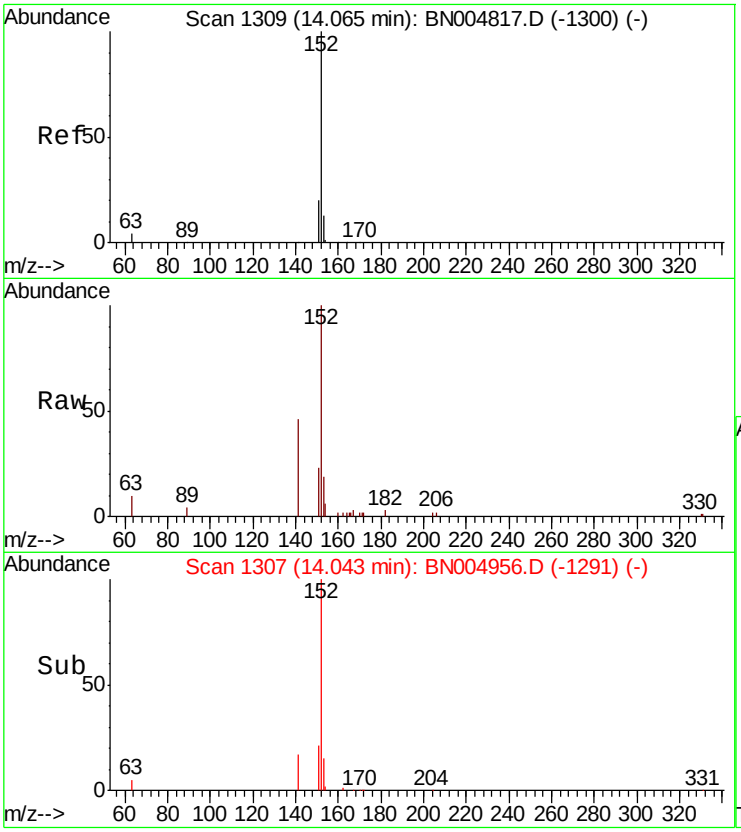


#15
2-Fluorobiphenyl
Concen: 0.165 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:172 Resp: 5364

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.7	43.1
170	24.7	18.7	28.1



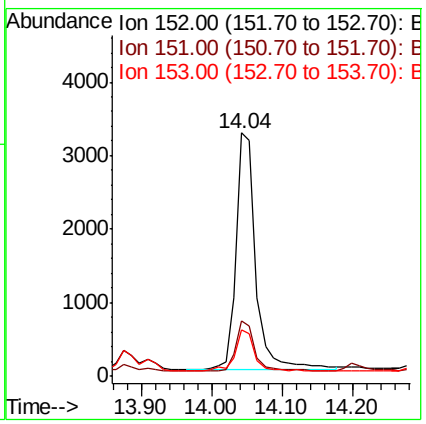


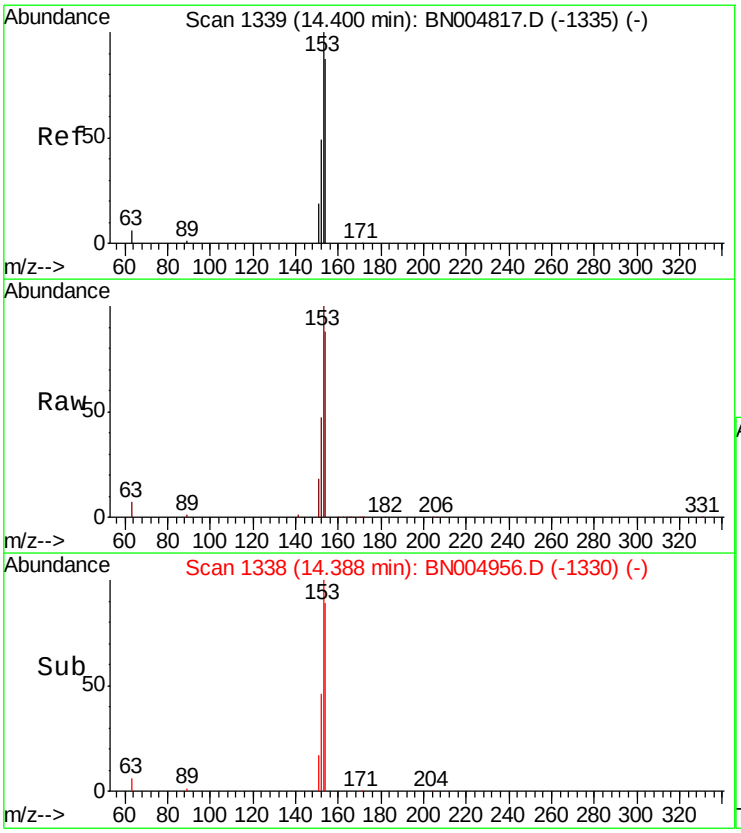
#16
Acenaphthylene
Concen: 0.155 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:152 Resp: 6308

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.1	24.1
153	17.5	10.5	15.7#

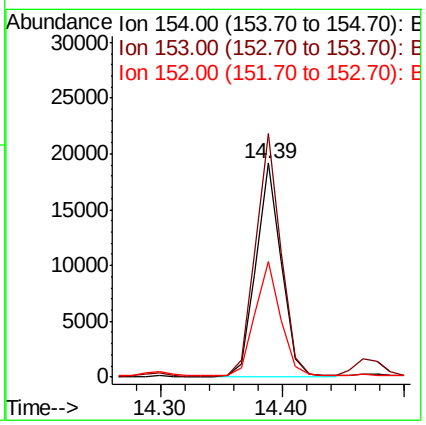


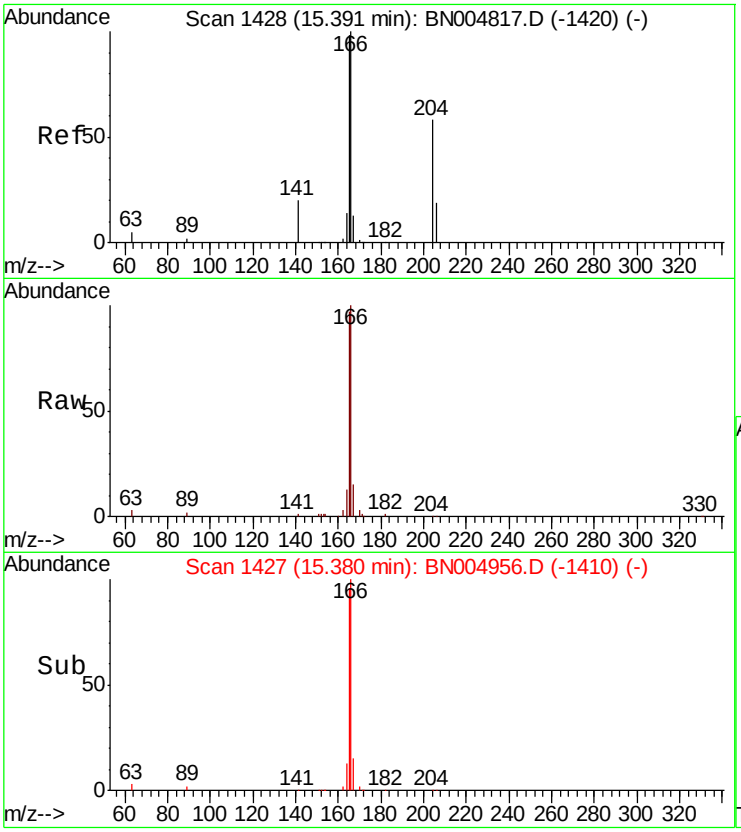


#17
Acenaphthene
Concen: 1.040 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:154 Resp: 27656

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.4	137.2
152	54.7	44.2	66.2



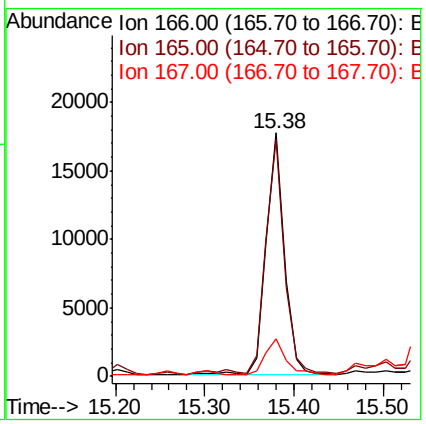


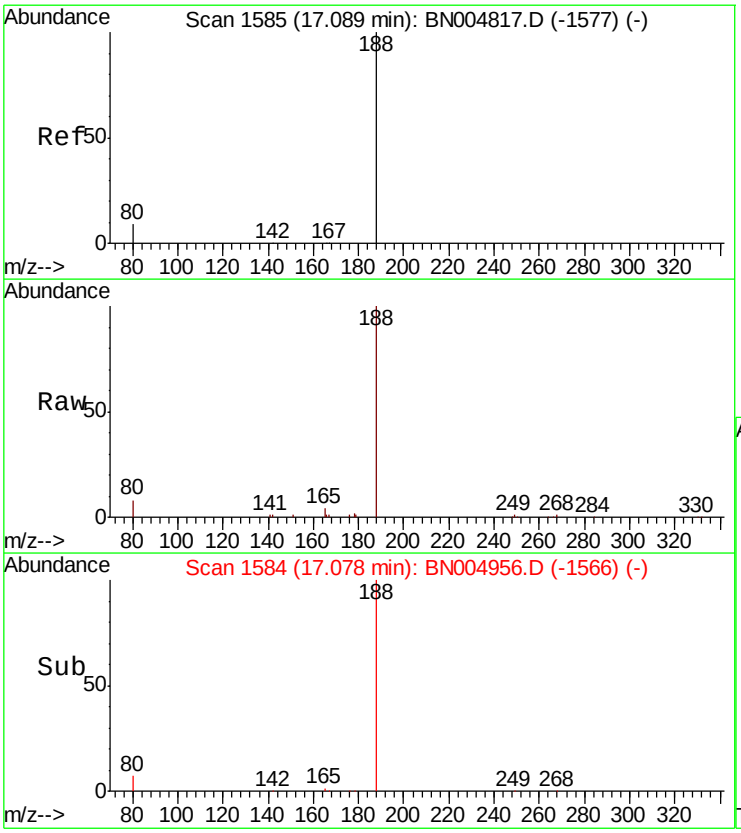
#18
Fluorene
Concen: 0.684 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:166 Resp: 25372

Ion	Ratio	Lower	Upper
166	100		
165	94.9	78.2	117.4
167	16.3	11.0	16.4

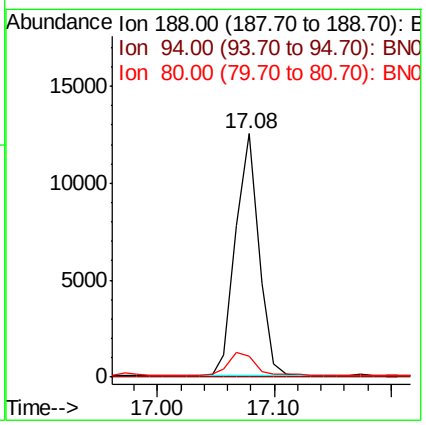


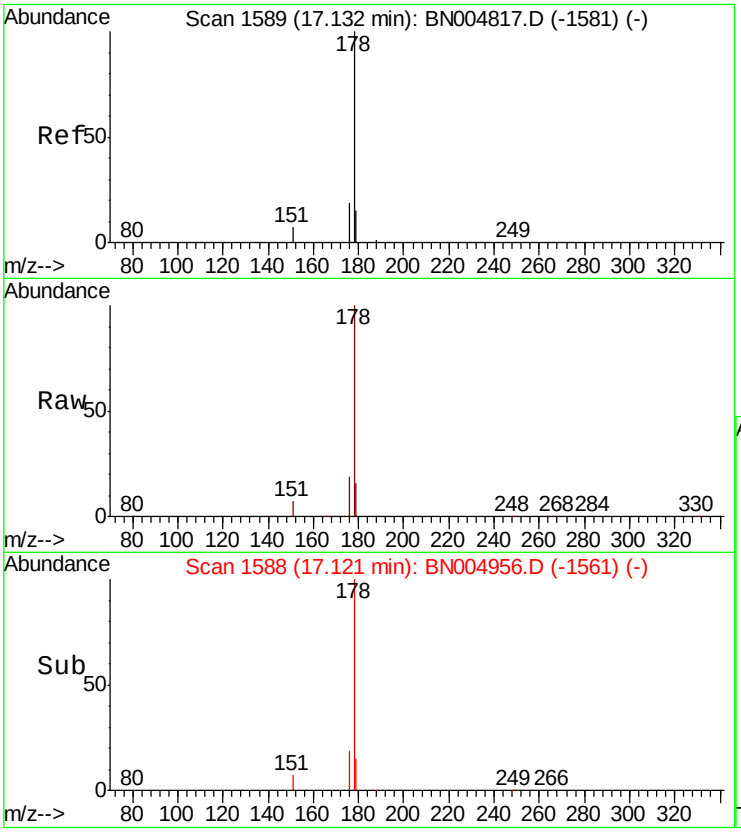


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:188 Resp: 17190

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	7.4	11.2



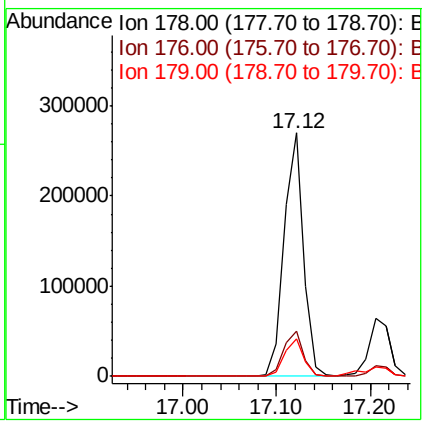


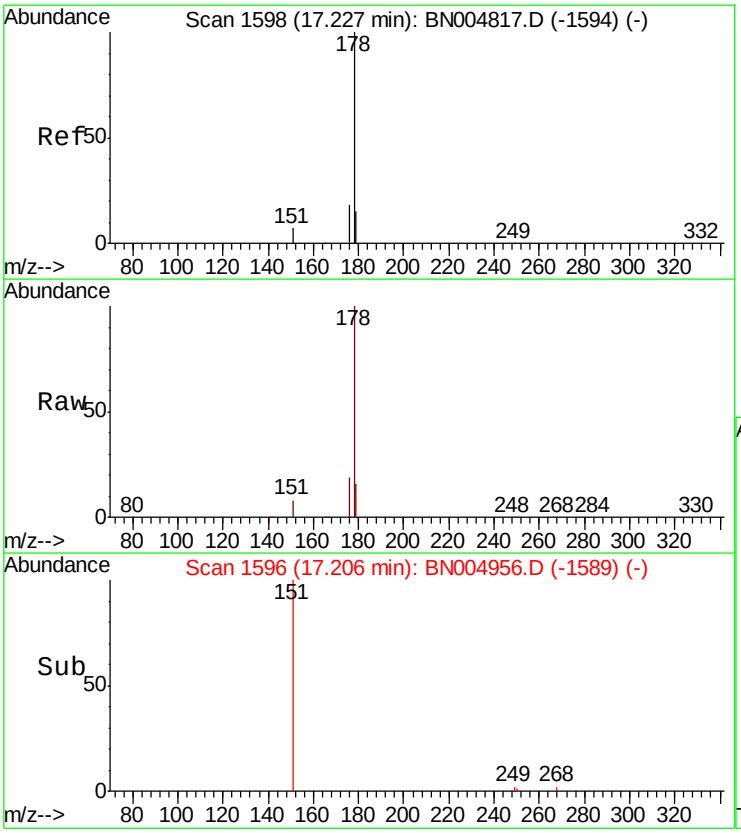
#23
Phenanthrene
Concen: 7.028 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:178 Resp: 390082

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.5	12.1	18.1

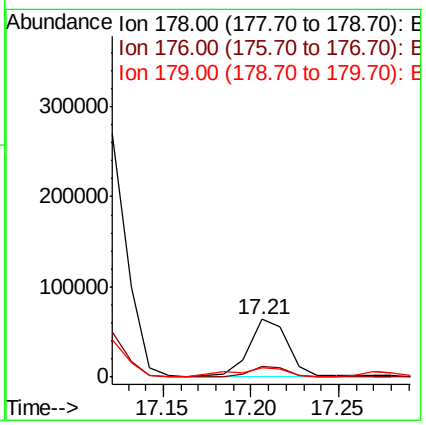


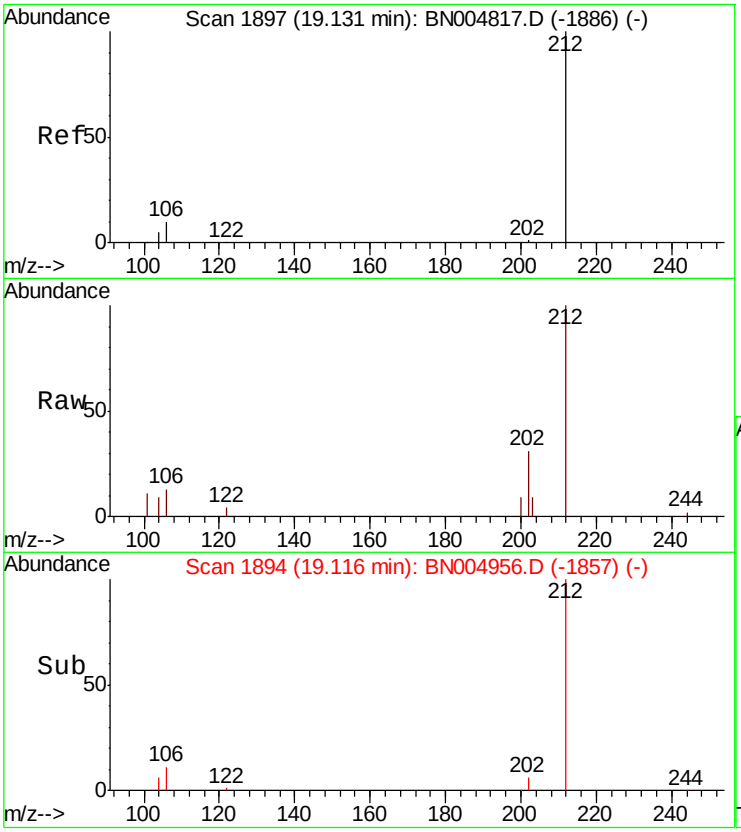


#24
Anthracene
Concen: 1.936 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:178 Resp: 95983

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.5	21.7
179	21.9	12.2	18.4#



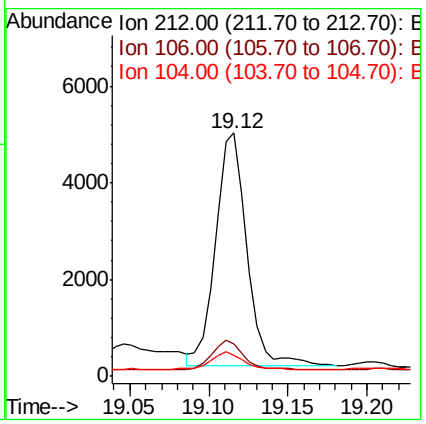


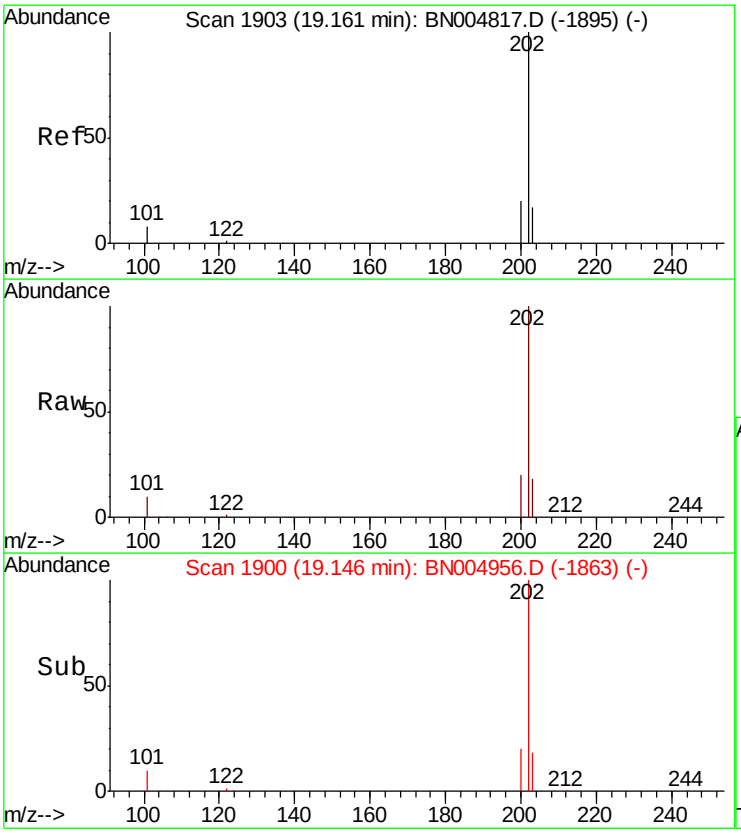
#25
Fluoranthene-d10
Concen: 0.117 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:212 Resp: 6715

Ion	Ratio	Lower	Upper
212	100		
106	12.5	8.6	13.0
104	7.5	4.7	7.1#

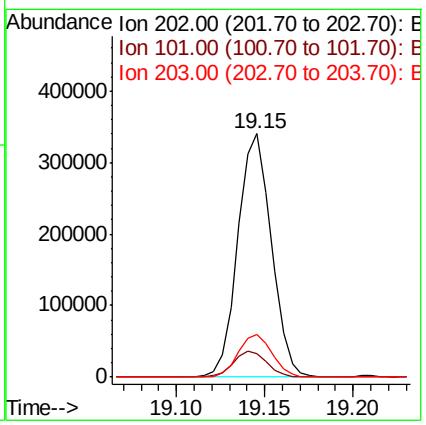


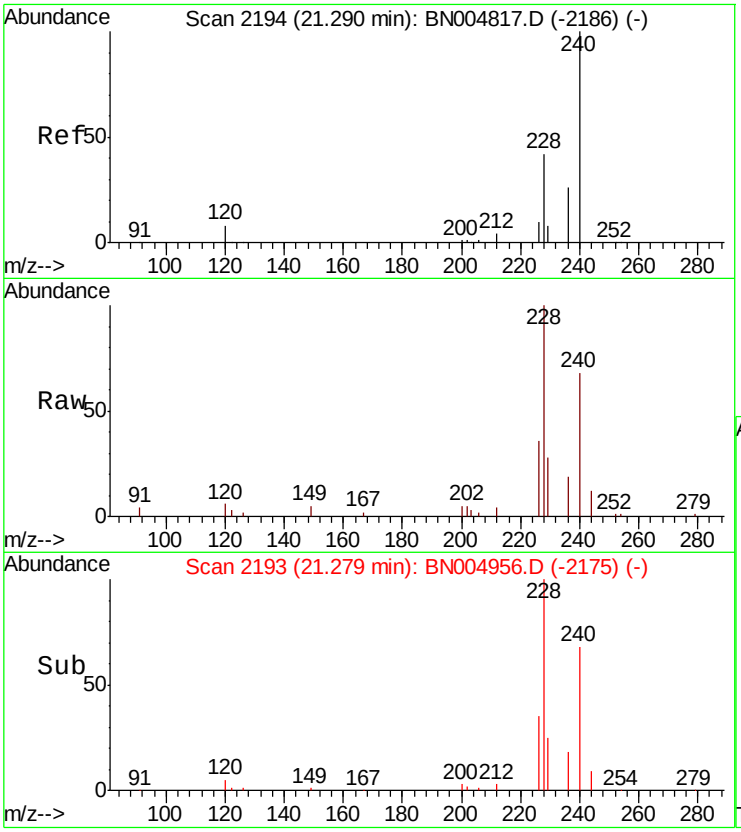


#26
Fluoranthene
Concen: 6.242 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:202 Resp: 445273

Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.5	11.3
203	17.6	13.8	20.6



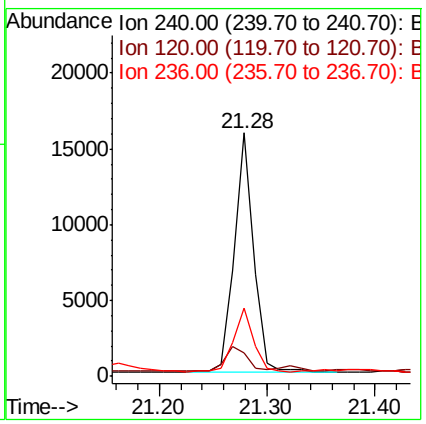


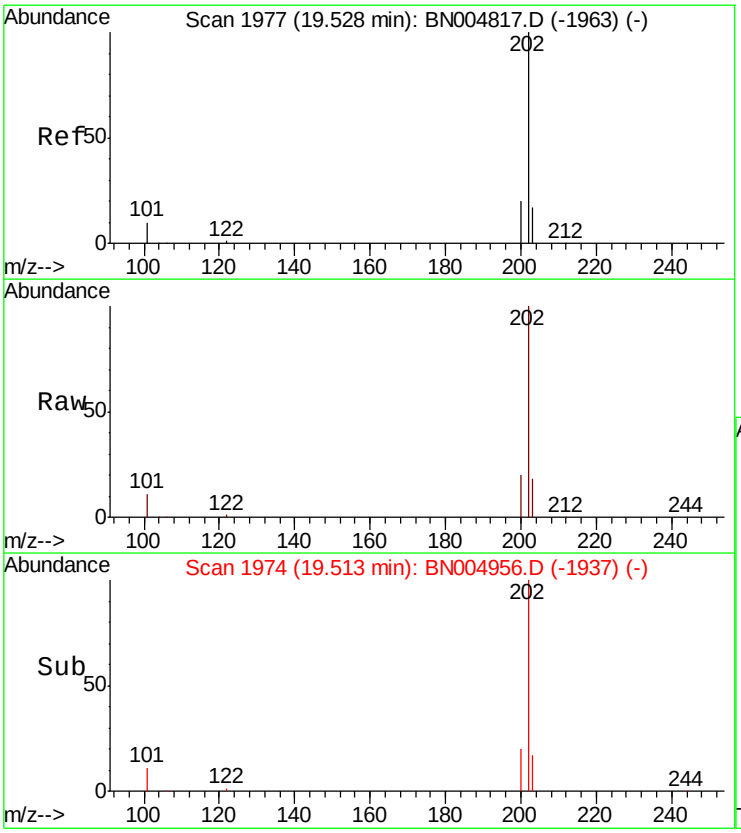
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:240 Resp: 19635

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.2	10.8
236	27.9	20.9	31.3

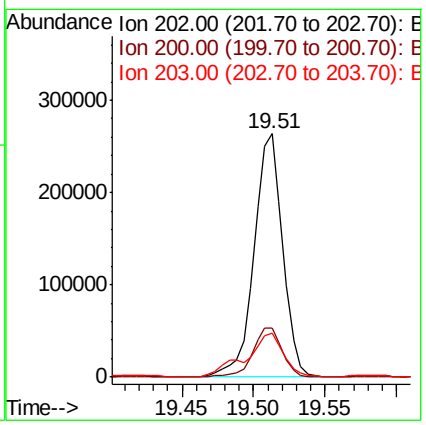


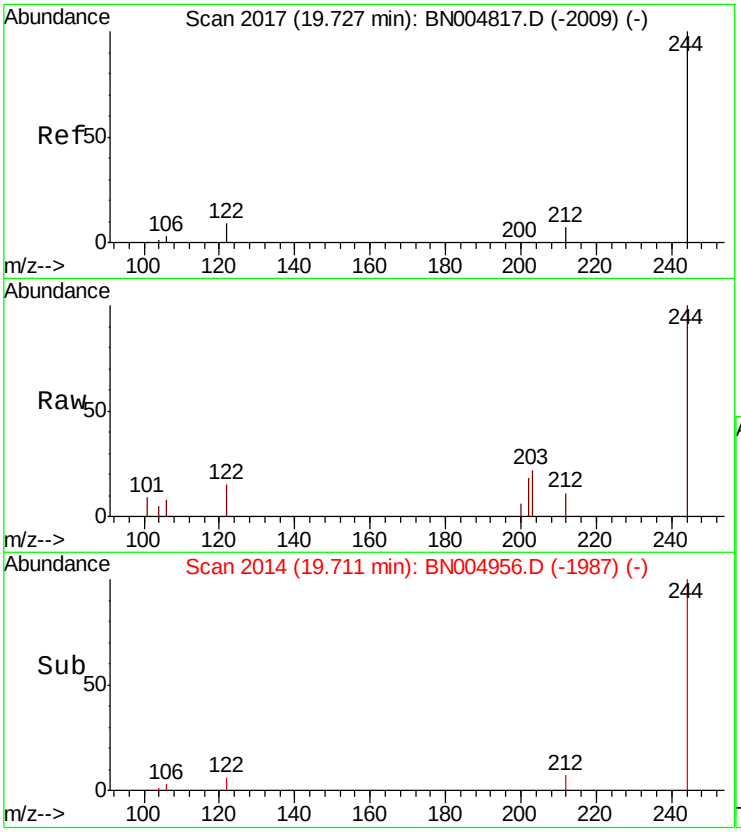


#28
Pyrene
Concen: 6.091 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:202 Resp: 364631

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	23.5	14.0	21.0#



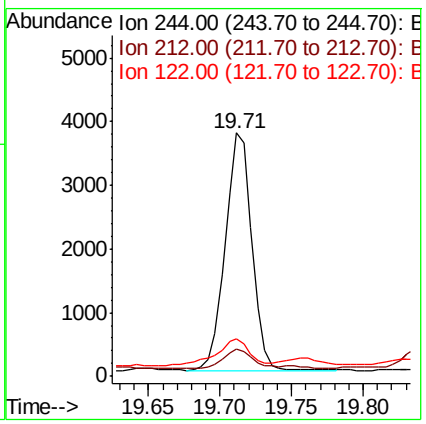


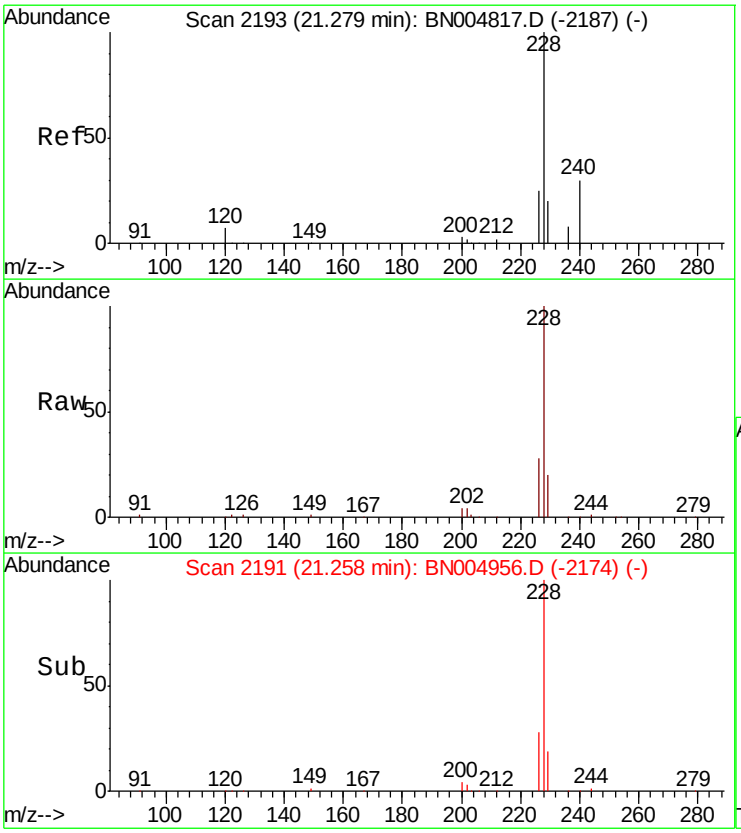
#29
Terphenyl-d14
Concen: 0.119 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:244 Resp: 4794

Ion	Ratio	Lower	Upper
244	100		
212	11.4	5.8	8.6#
122	15.3	7.9	11.9#

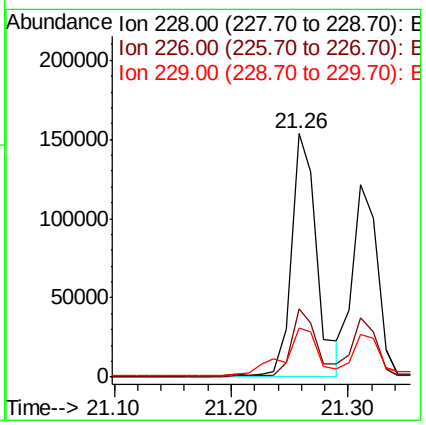


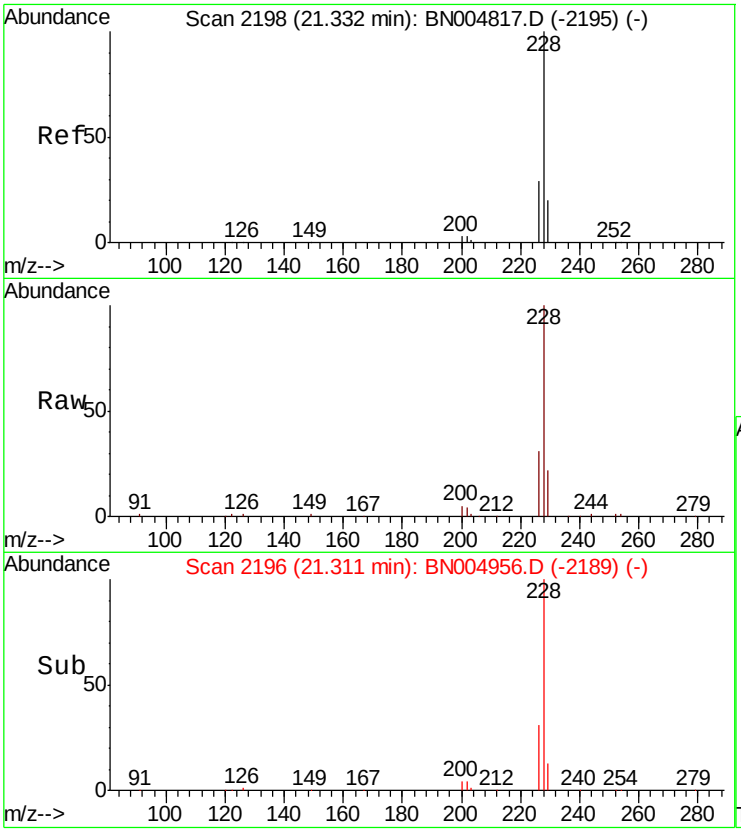


#30
Benzo(a)anthracene
Concen: 3.611 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:228 Resp: 232528

Ion	Ratio	Lower	Upper
228	100		
226	27.8	20.6	31.0
229	20.1	16.2	24.4



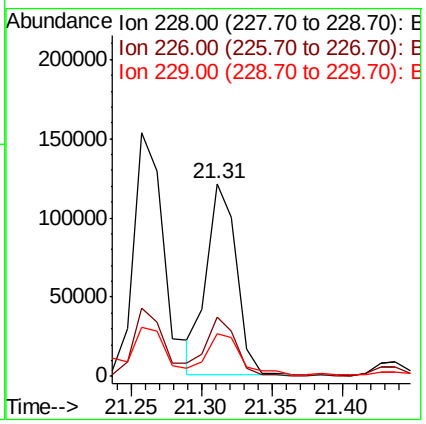


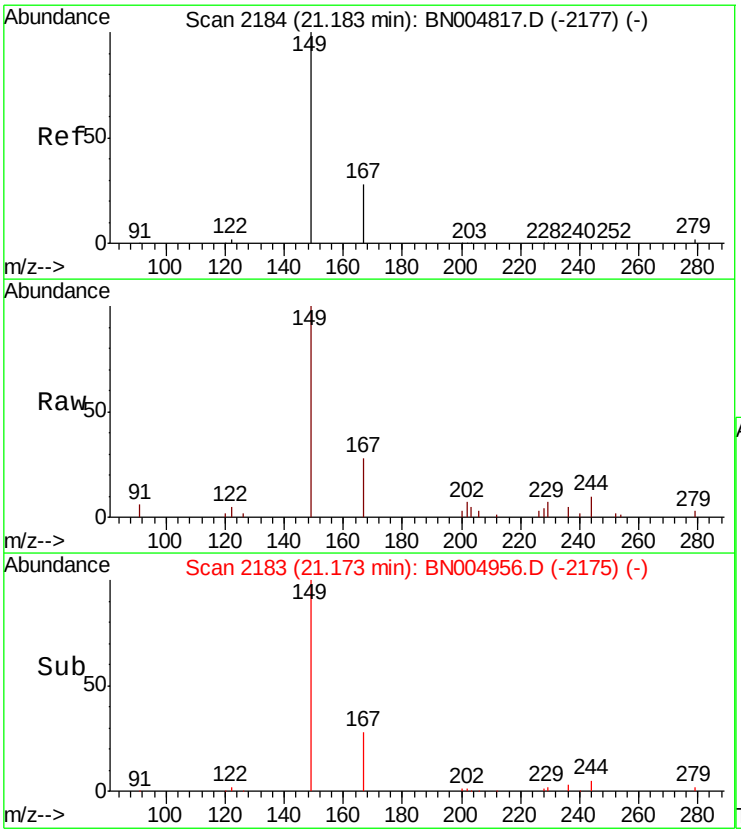
#31
Chrysene
Concen: 2.642 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:228 Resp: 179163

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.0	34.6
229	22.1	16.2	24.2

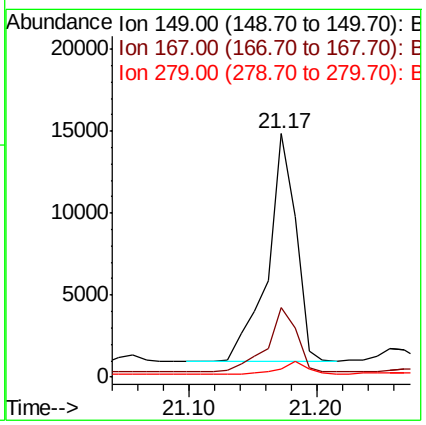


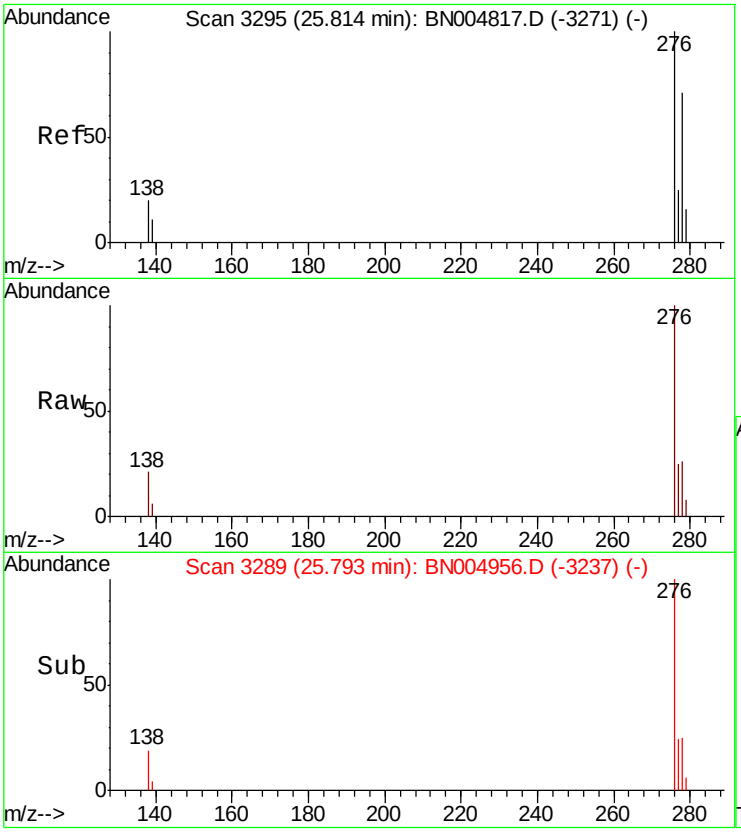


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.829 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:149 Resp: 21330

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.4
279	4.6	4.6	6.8



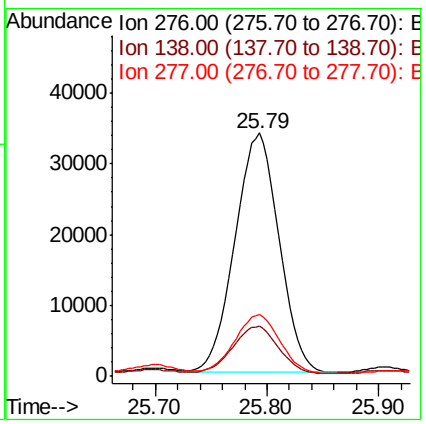


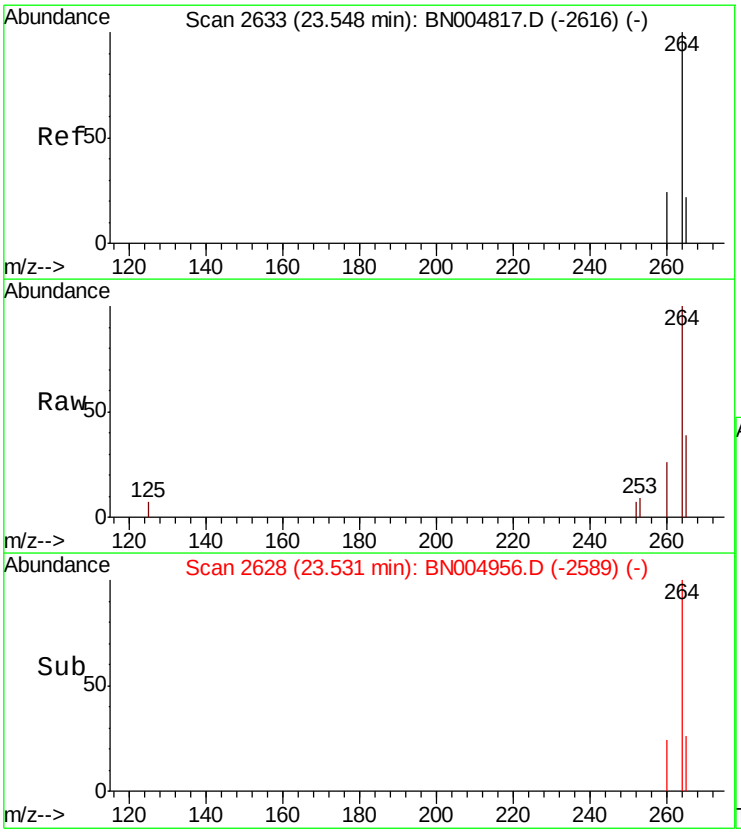
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.942 ng
RT: 25.79 min Scan# 3289
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:276 Resp: 92437

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.6	24.8
277	25.3	20.3	30.5

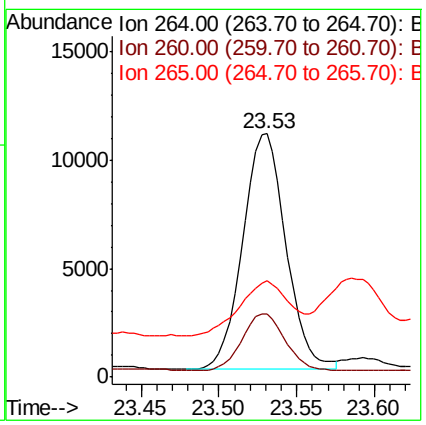


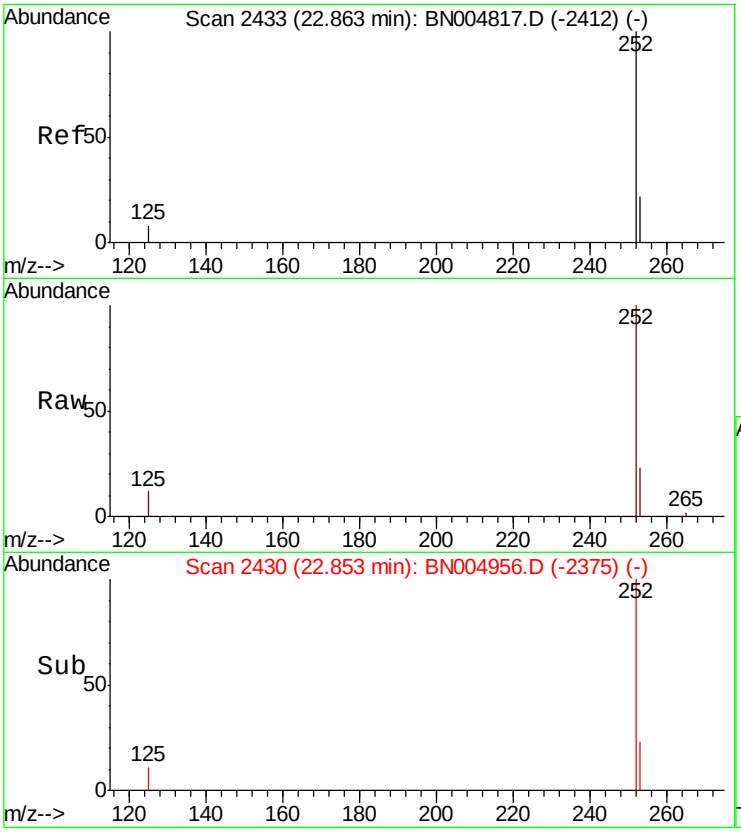


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:264 Resp: 20986

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.5	29.3
265	39.5	23.1	34.7#



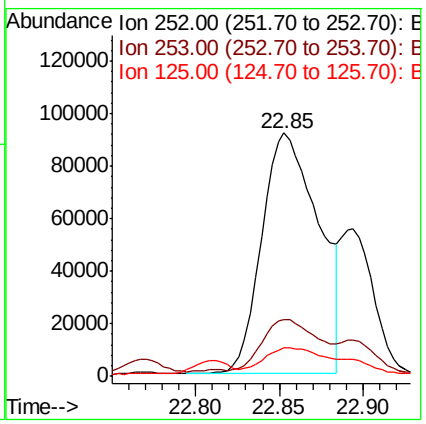


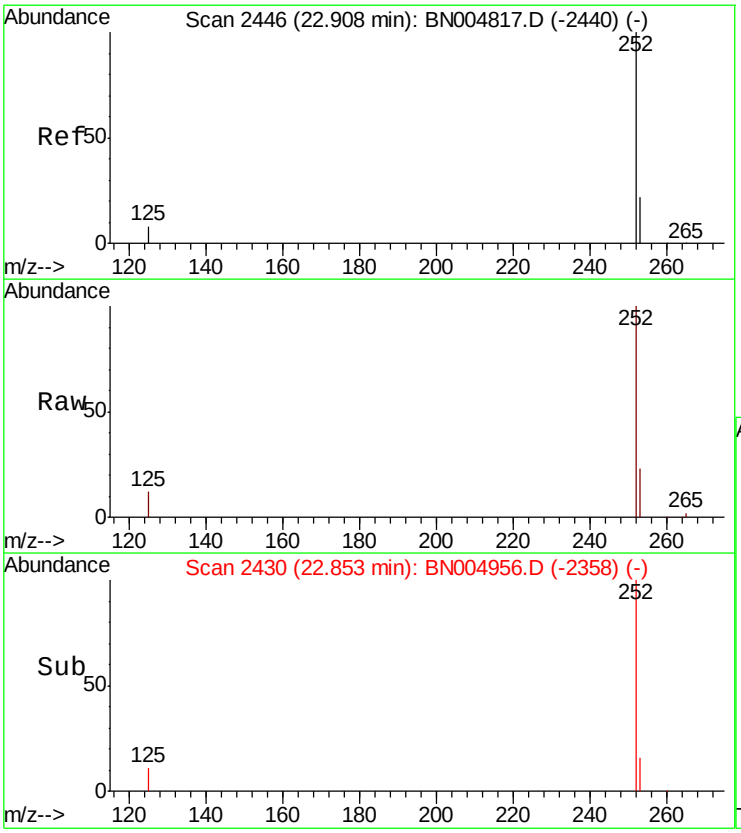
#35
Benzo(b)fluoranthene
Concen: 2.857 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:252 Resp: 216914

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.4
125	11.5	7.4	11.2#

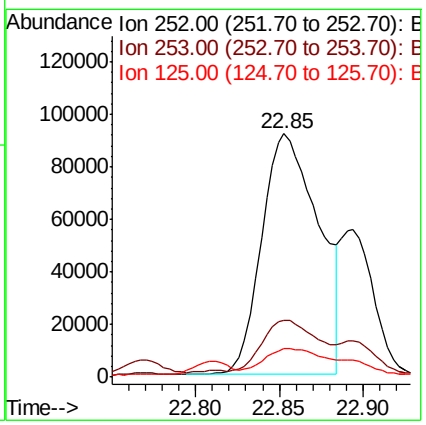


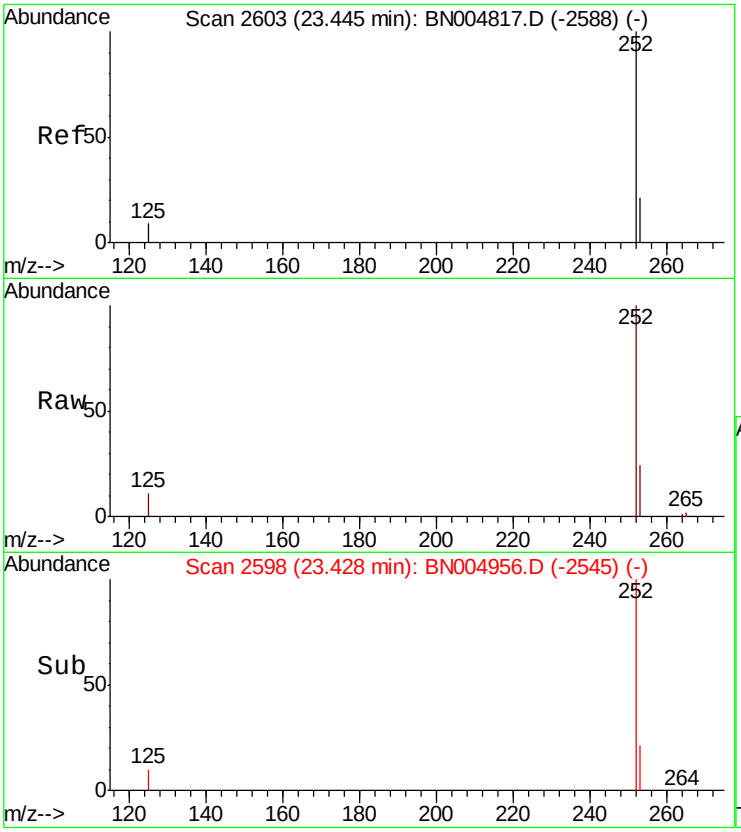


#36
Benzo(k)fluoranthene
Concen: 2.904 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.05 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:252 Resp: 216914

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.3	28.9
125	11.5	7.4	11.0#



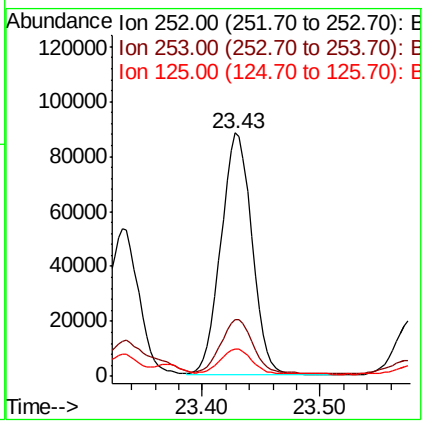


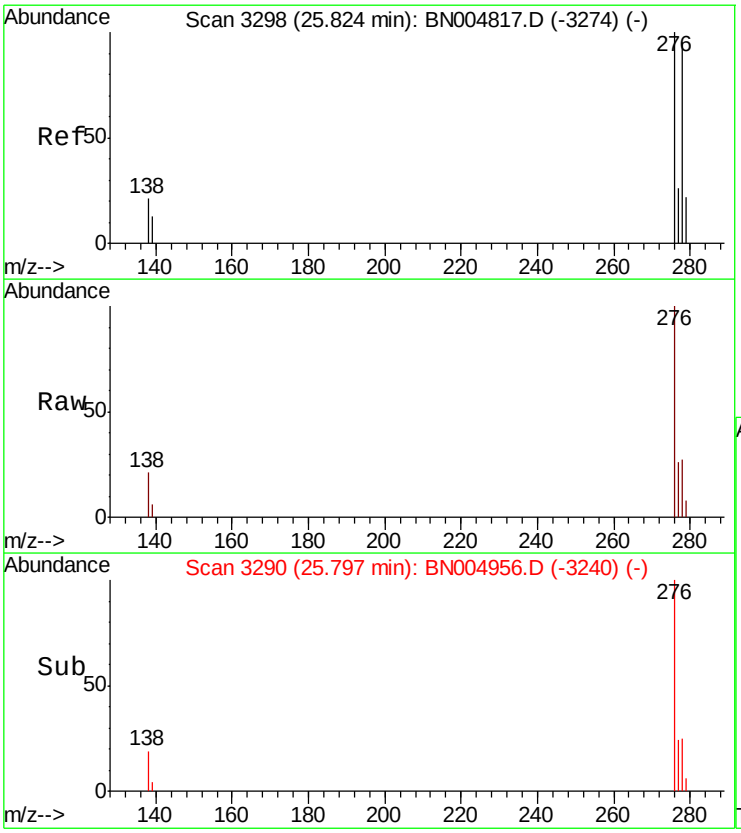
#37
Benzo(a)pyrene
Concen: 2.298 ng
RT: 23.43 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:252 Resp: 160071

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.7	29.5
125	11.4	8.3	12.5

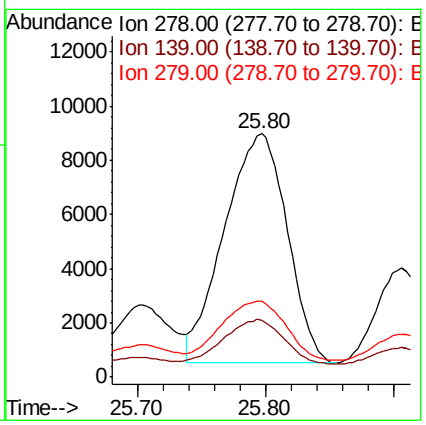


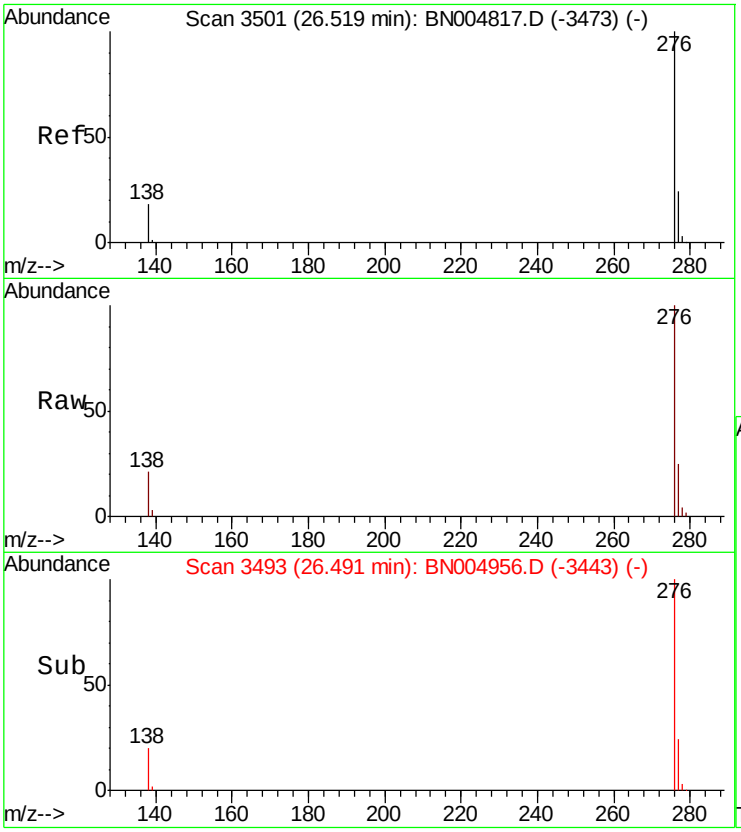


#38
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.03 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Tgt Ion:278 Resp: 28761

Ion	Ratio	Lower	Upper
278	100		
139	23.4	11.7	17.5#
279	31.0	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.979 ng
RT: 26.49 min Scan# 3493
Delta R.T. -0.03 min
Lab File: BN004956.D
Acq: 25 Mar 2019 12:24

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719DL

Tgt Ion:276 Resp: 80452

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.7	29.5
138	20.9	14.6	22.0