Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004882.D
Acq On : 22 Mar 2019 10:41
Operator : JU/SJ
Sample : K1817-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-027-SW017-030719

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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2116	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	9879	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	6139	0.40	ng		-0.01
19) Phenanthrene-d10	17.09	188	15419	0.40	ng		0.00
27) Chrysene-d12	21.29	240	20213	0.40	ng		0.00
34) Perylene-d12	23.54	264	21205	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	1983	0.34	ng		0.00
5) Phenol-d6	6.87	99	2679	0.37	ng		0.00
8) Nitrobenzene-d5	8.86	82	1896	0.29	ng		-0.01
11) 2-Methylnaphthalene-d10	12.07	152	4635	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	1115	0.26	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	6793	0.27	ng		-0.01
25) Fluoranthene-d10	19.13	212	10577	0.20	ng		0.00
29) Terphenyl-d14	19.72	244	7870	0.19	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.53	128	1350	0.049	ng	#	88
12) 2-Methylnaphthalene	12.15	142	1064	0.052	ng		96
16) Acenaphthylene	14.05	152	2304	0.073	ng		97
17) Acenaphthene	14.40	154	3638	0.176	ng		100
18) Fluorene	15.39	166	3905	0.135	ng	#	96
23) Phenanthrene	17.13	178	84098	1.689	ng		99
24) Anthracene	17.22	178	17339	0.390	ng	#	91
26) Fluoranthene	19.15	202	106441	1.664	ng		99
28) Pyrene	19.52	202	92279	1.497	ng	#	95
30) Benzo(a)anthracene	21.27	228	55267	0.834	ng		98
31) Chrysene	21.32	228	52582	0.753	ng		97
32) Bis(2-ethylhexyl)phthalate	21.18	149	7405	0.280	ng		98
33) Indeno(1,2,3-cd)pyrene	25.81	276	23710	0.235	ng		98
35) Benzo(b)fluoranthene	22.86	252	63048	0.822	ng	#	95
36) Benzo(k)fluoranthene	22.86	252	63048	0.835	ng	#	95
37) Benzo(a)pyrene	23.44	252	43877	0.624	ng		99
38) Dibenzo(a,h)anthracene	25.81	278	7102	0.087	ng	#	78
39) Benzo(g,h,i)perylene	26.51	276	21060	0.254	ng		97

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
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EXT-027-SW017-030719

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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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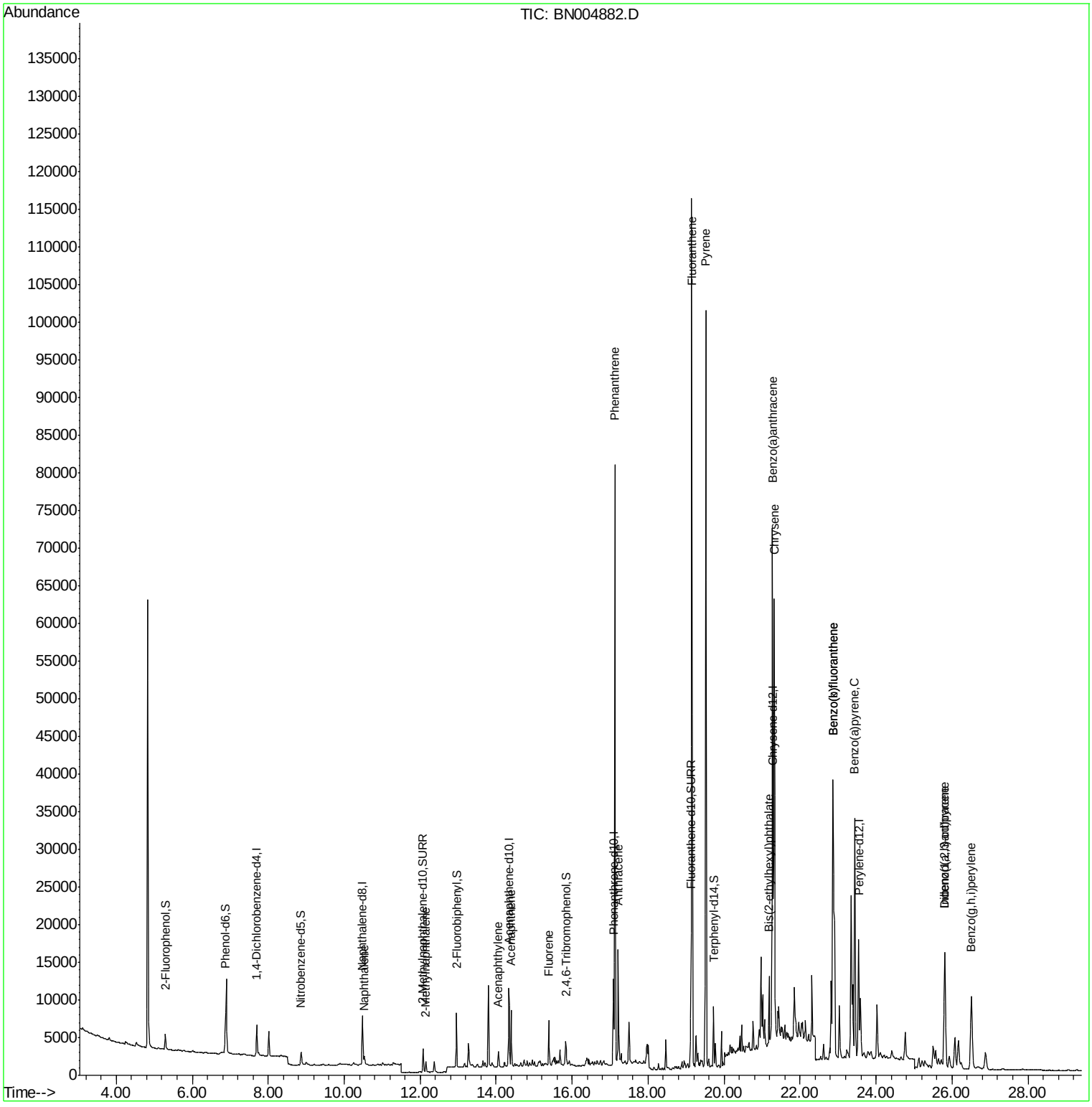
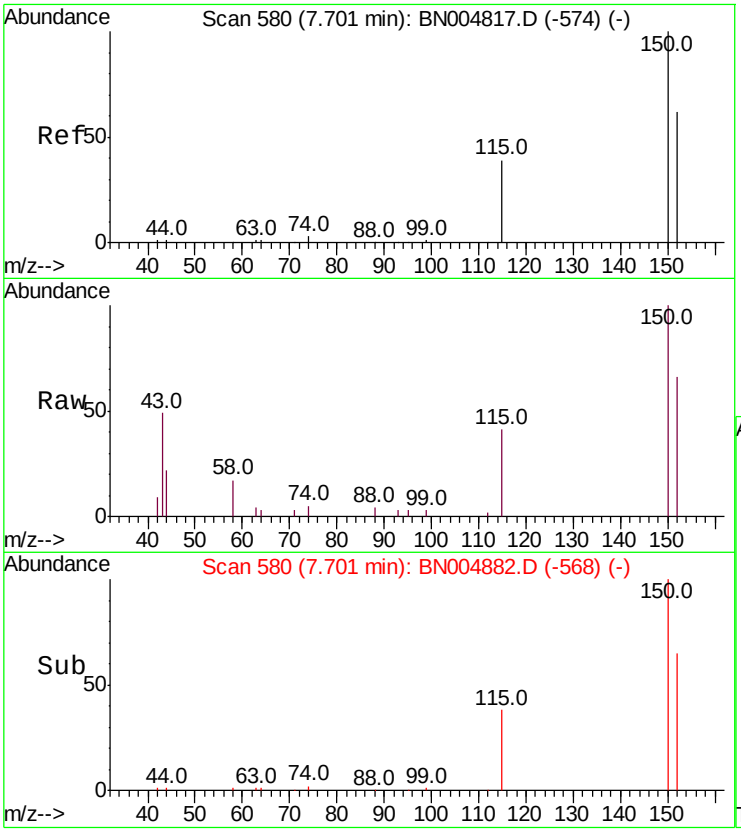


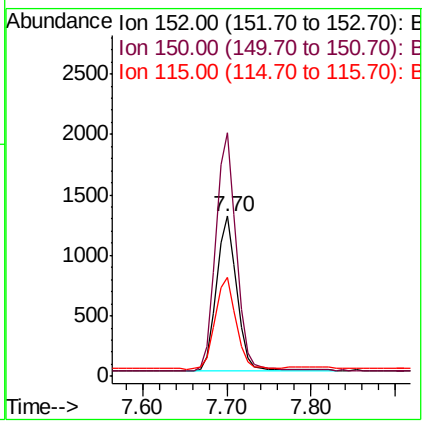


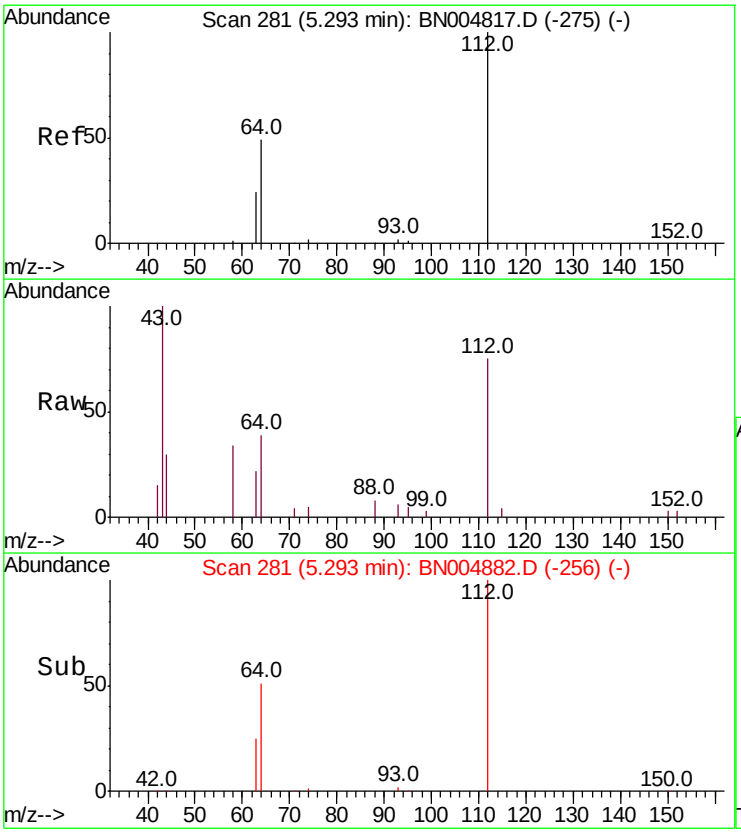
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:152 Resp: 2116

Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.2	189.4
115	61.6	52.6	79.0

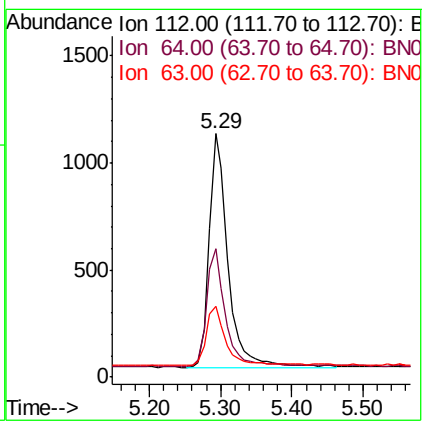


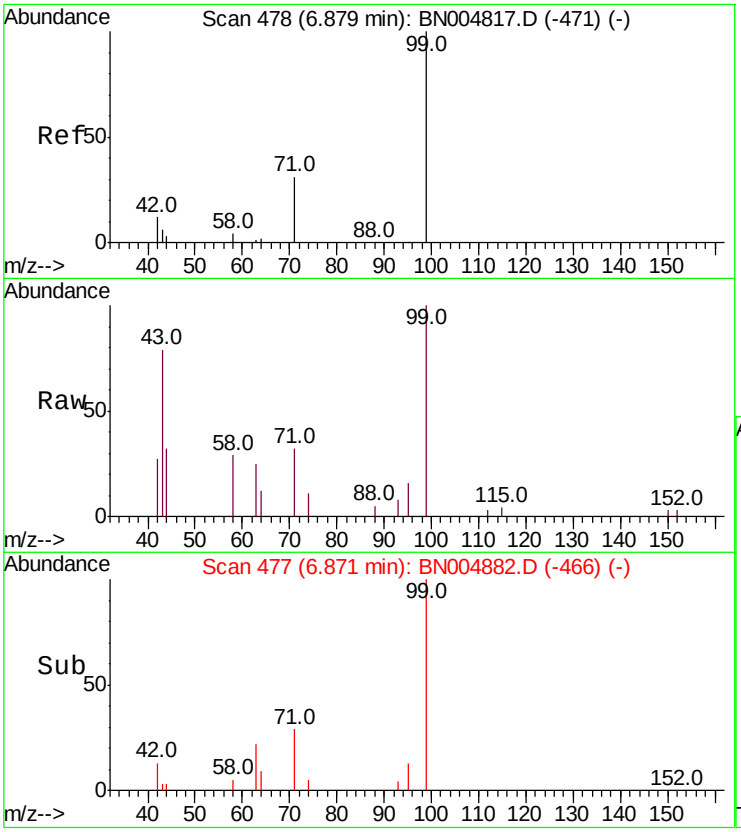


#4
2-Fluorophenol
Concen: 0.345 ng
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:112 Resp: 1983

Ion	Ratio	Lower	Upper
112	100		
64	50.3	40.0	60.0
63	26.1	20.2	30.2



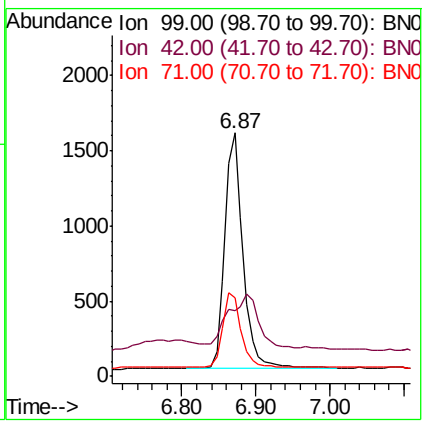


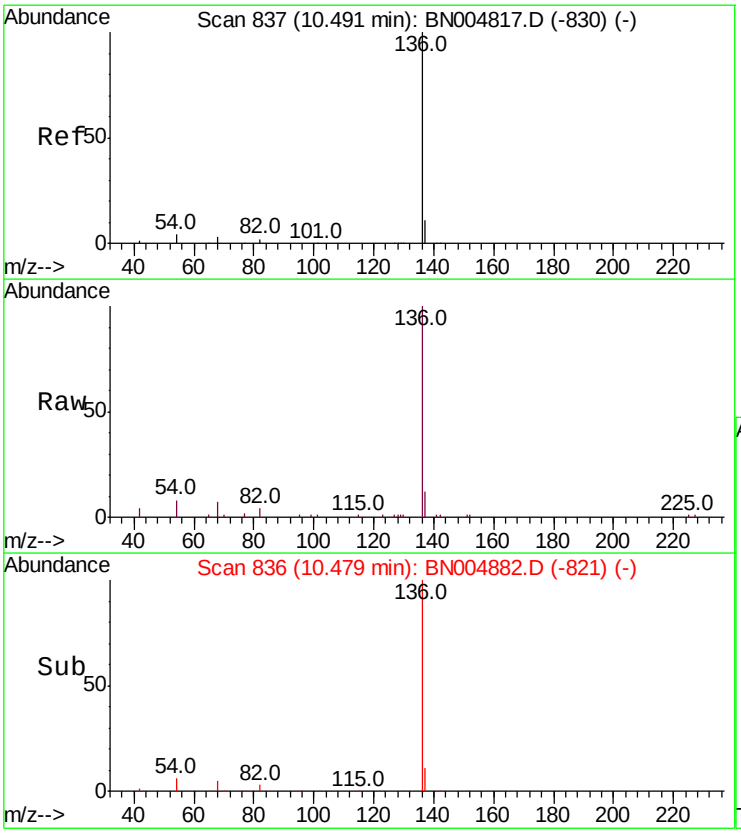
#5
Phenol-d6
Concen: 0.374 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion: 99 Resp: 2679

Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.7	19.1#
71	31.7	26.6	40.0

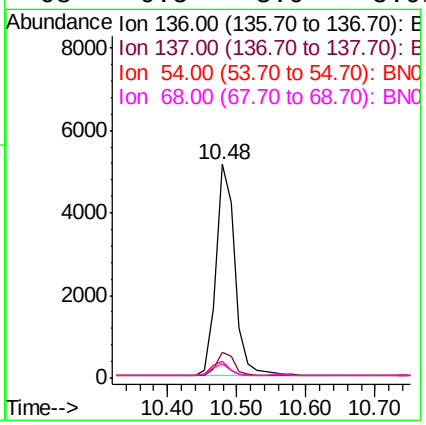


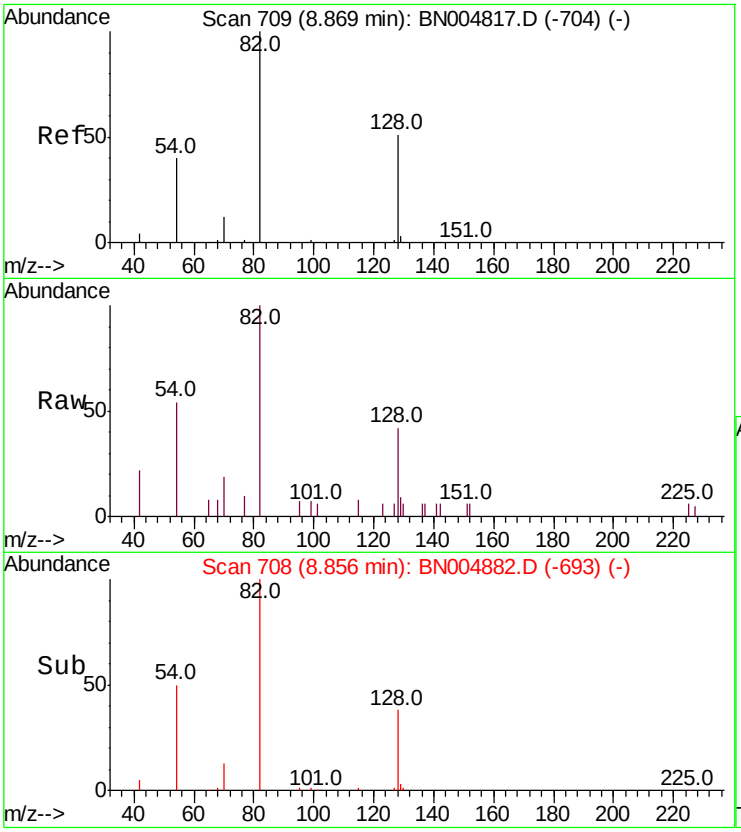


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:136 Resp: 9879

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	7.6	4.2	6.2#
68	6.5	3.9	5.9#



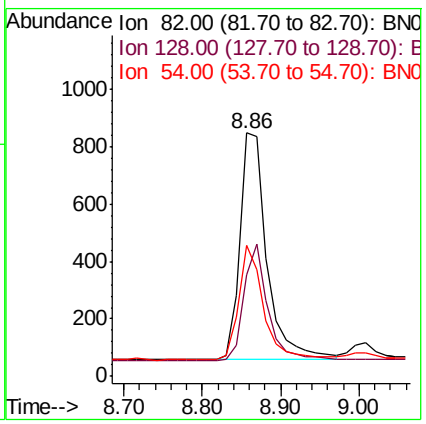


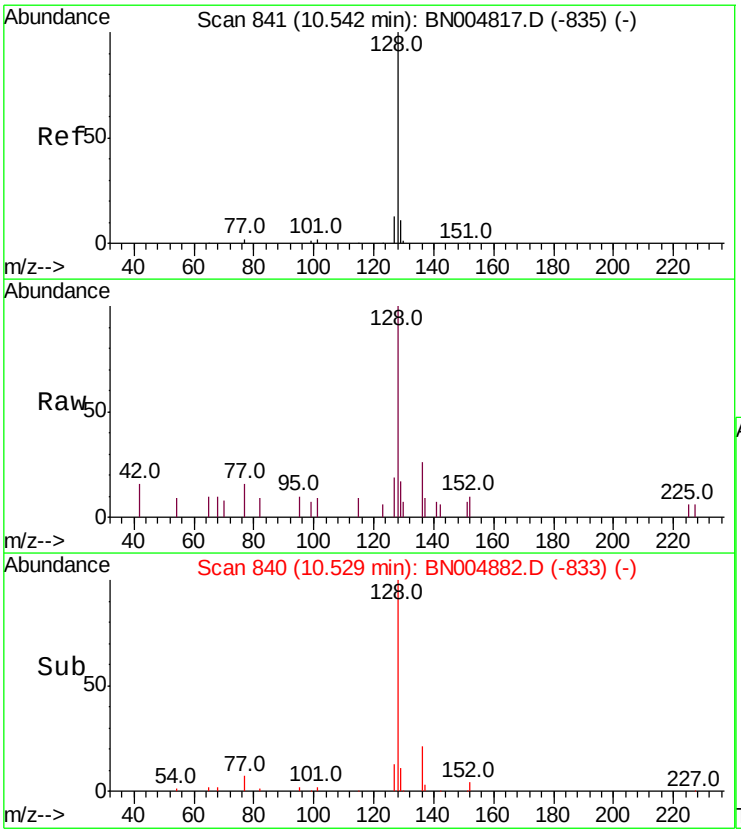
#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.86 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion: 82 Resp: 1896

Ion	Ratio	Lower	Upper
82	100		
128	41.9	43.0	64.6#
54	54.0	35.3	52.9#

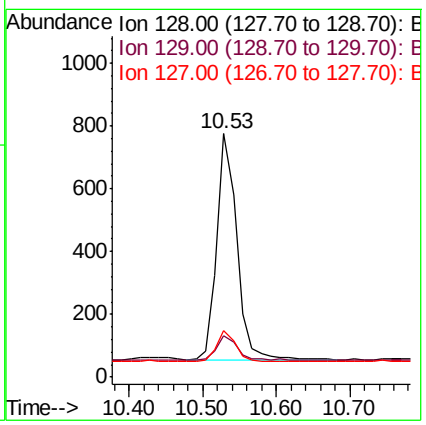


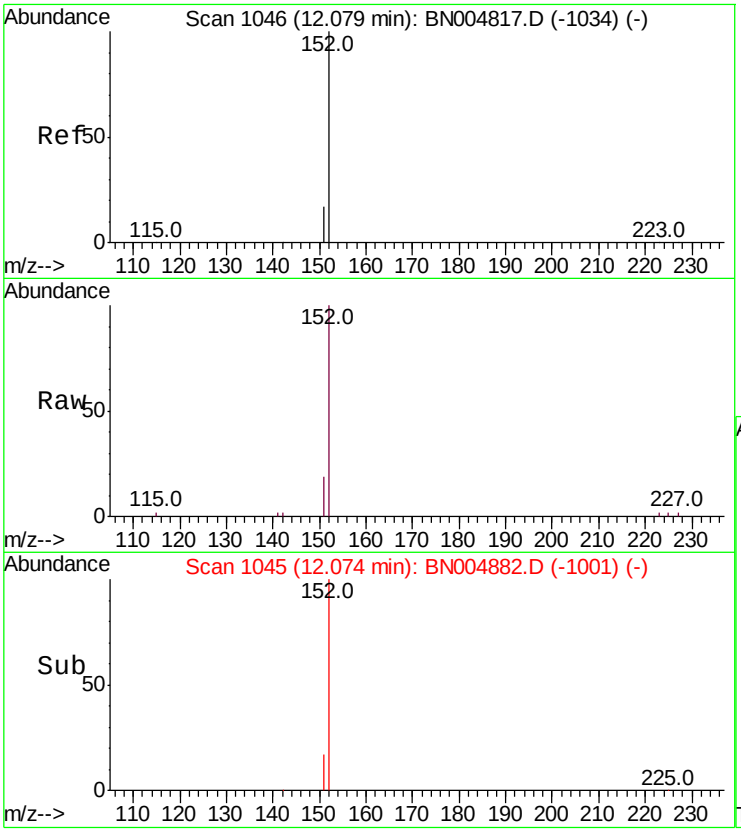


#9
Naphthalene
Concen: 0.049 ng
RT: 10.53 min Scan# 840
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:128 Resp: 1350

Ion	Ratio	Lower	Upper
128	100		
129	17.3	9.9	14.9#
127	18.9	11.3	16.9#



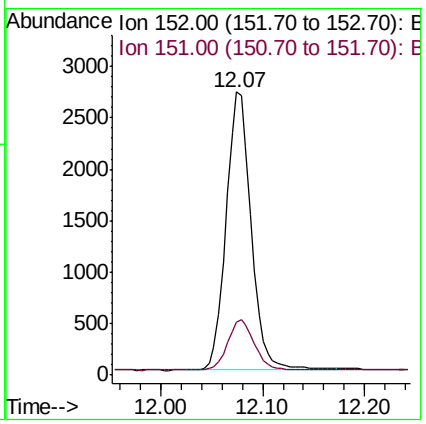


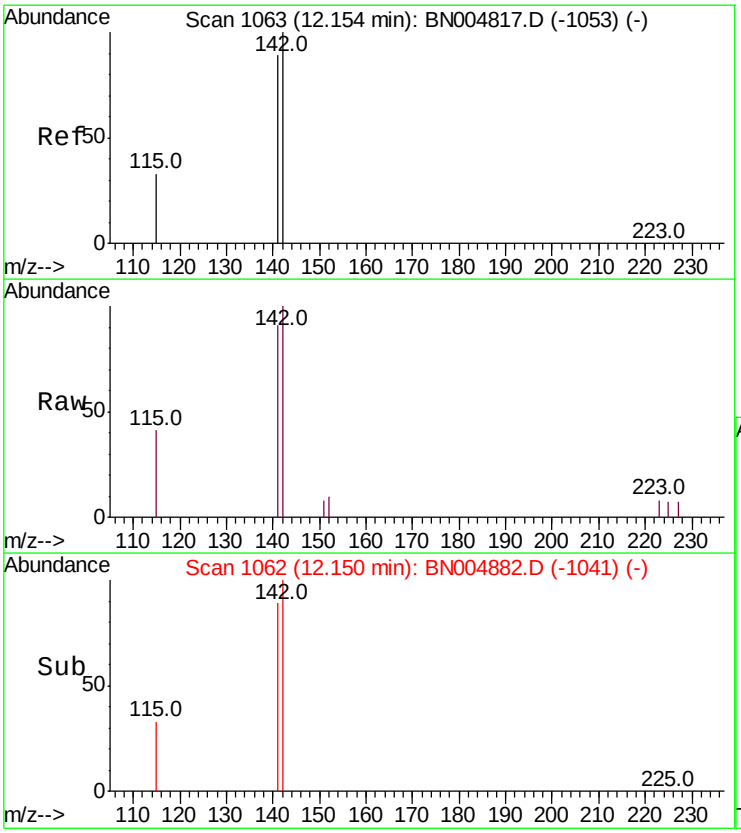
#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:152 Resp: 4635

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3

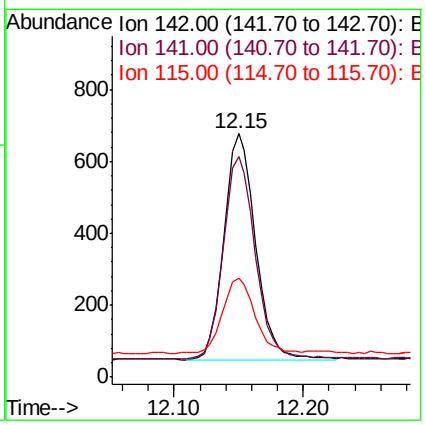


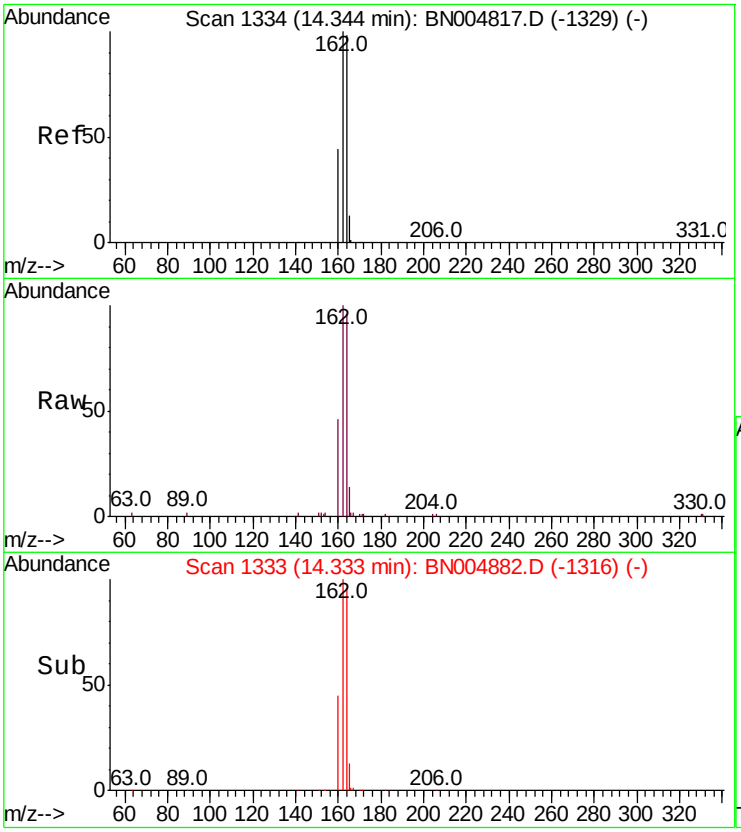


#12
2-Methylnaphthalene
Concen: 0.052 ng
RT: 12.15 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:142 Resp: 1064

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.4	107.2
115	40.8	27.5	41.3



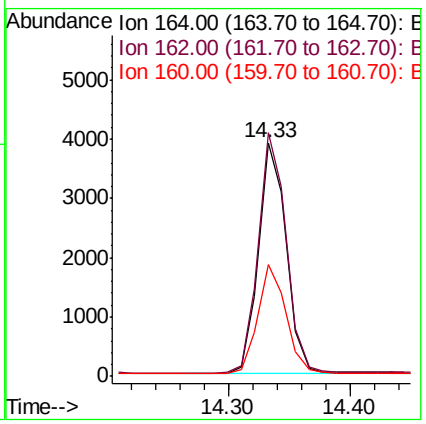


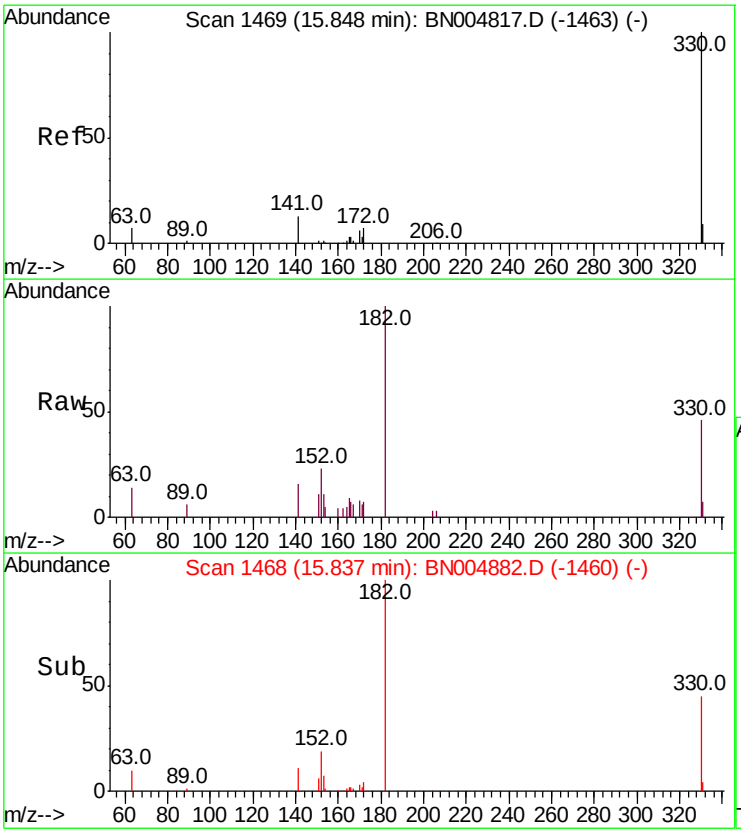
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:164 Resp: 6139

Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.9	122.9
160	47.9	36.6	54.8

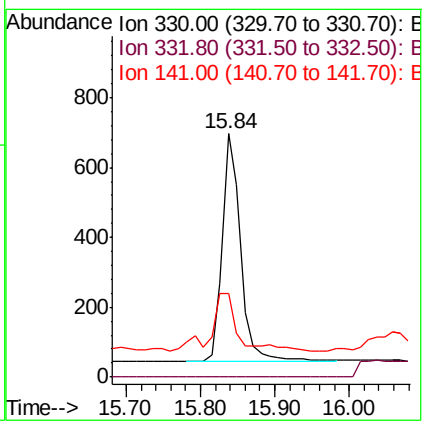


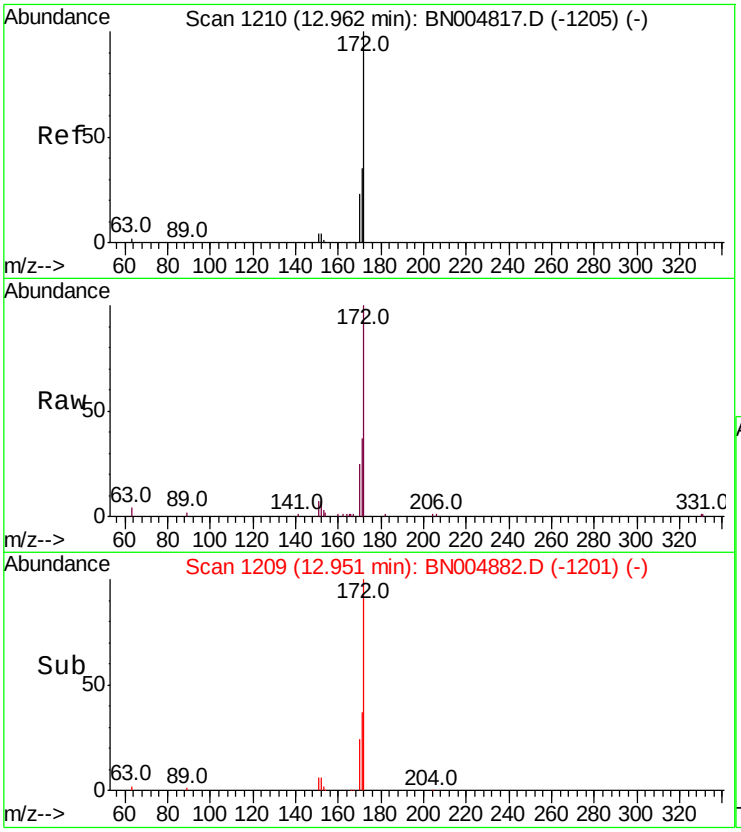


#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:330 Resp: 1115

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.4	20.9	31.3#



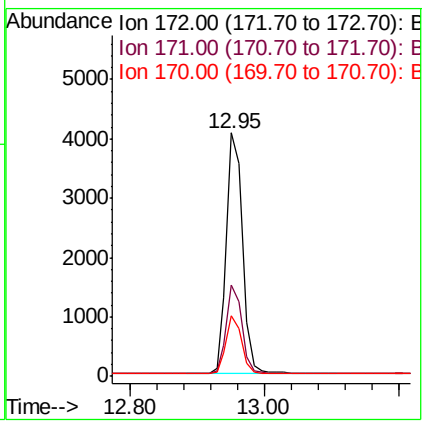


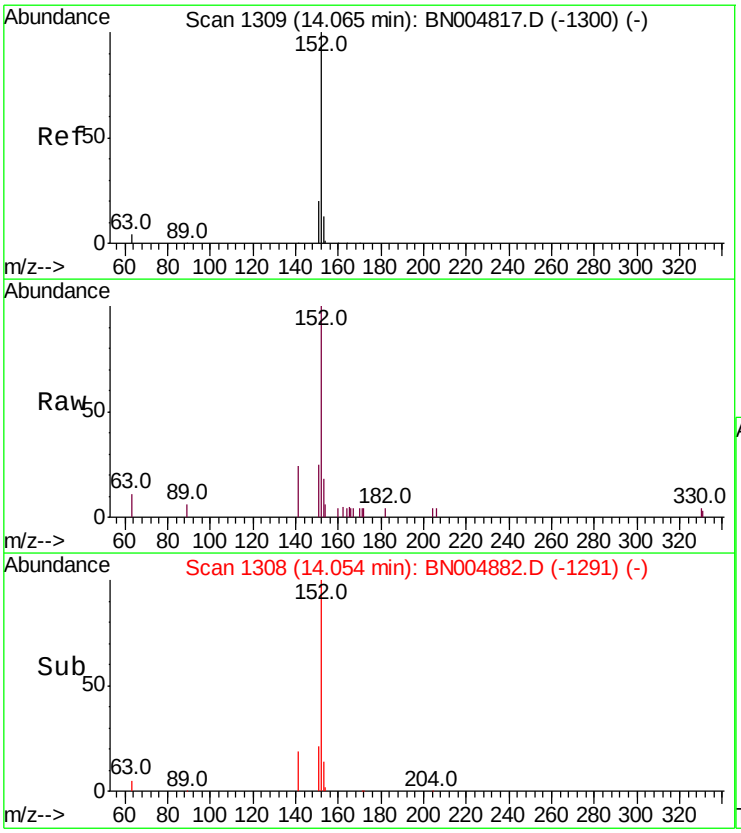
#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:172 Resp: 6793

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	25.0	18.7	28.1

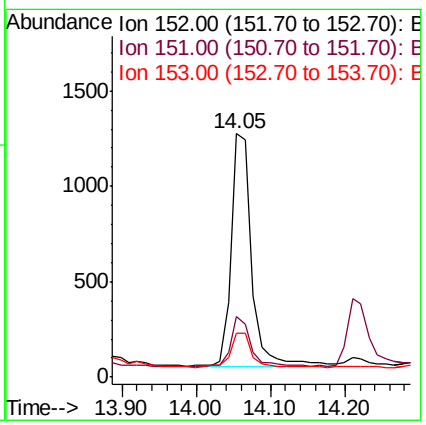


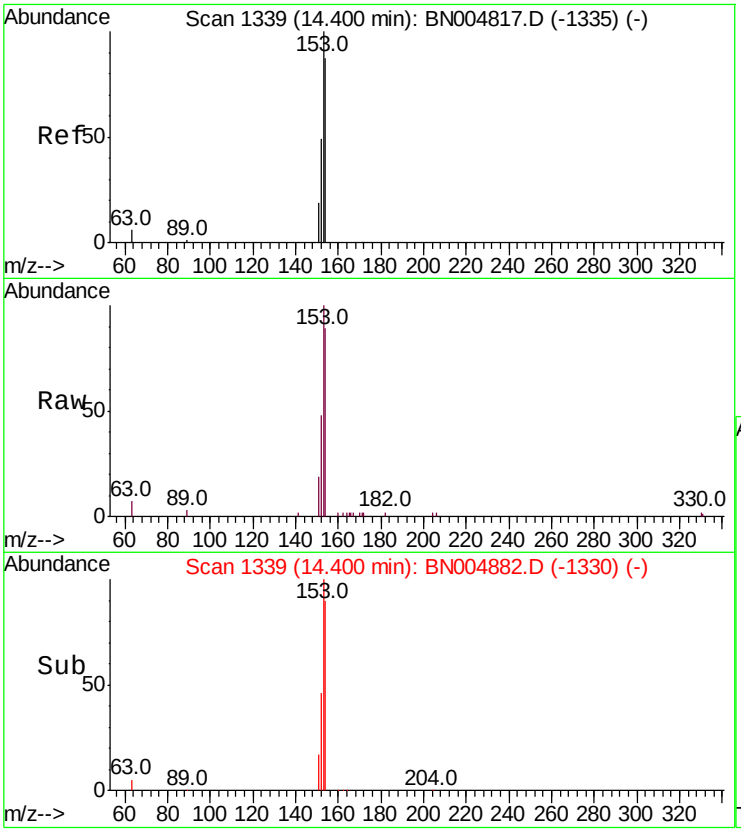


#16
Acenaphthylene
Concen: 0.073 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:152 Resp: 2304

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	15.5	10.5	15.7



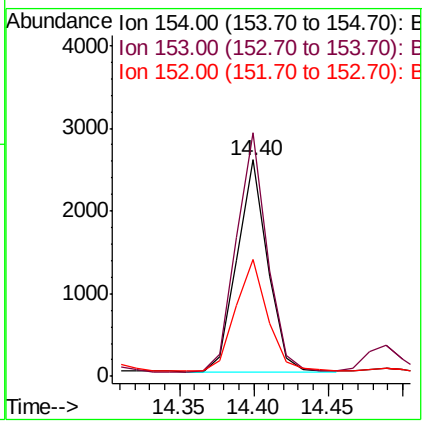


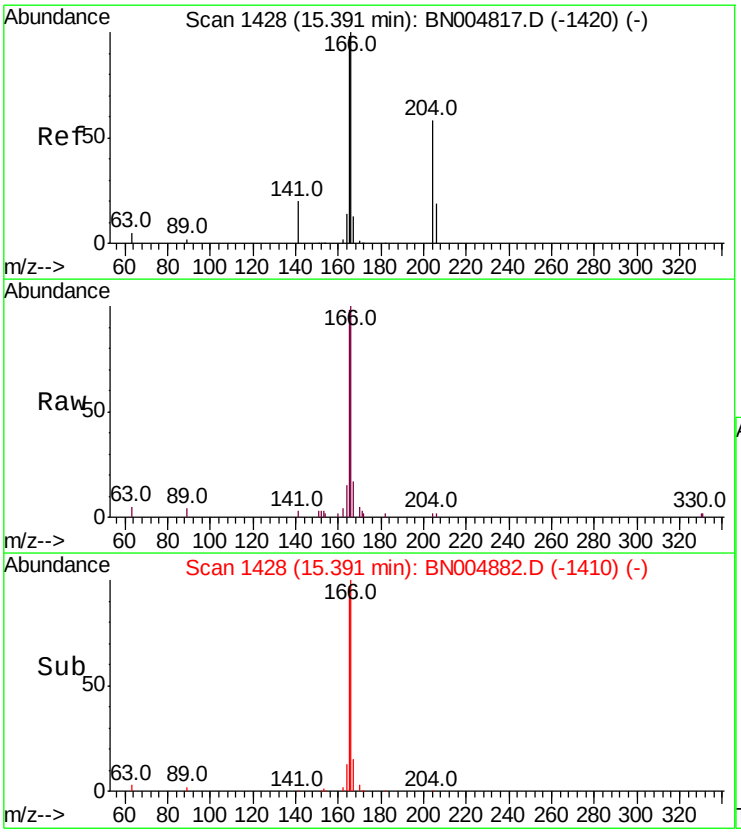
#17
Acenaphthene
Concen: 0.176 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:154 Resp: 3638

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.4	137.2
152	55.7	44.2	66.2

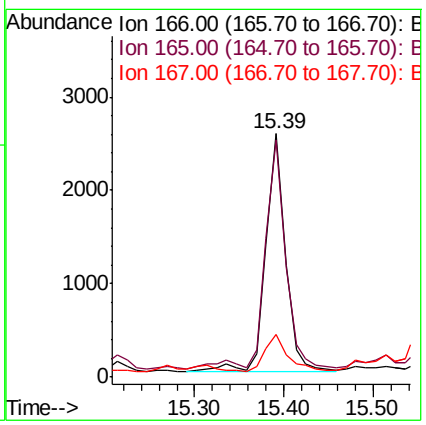


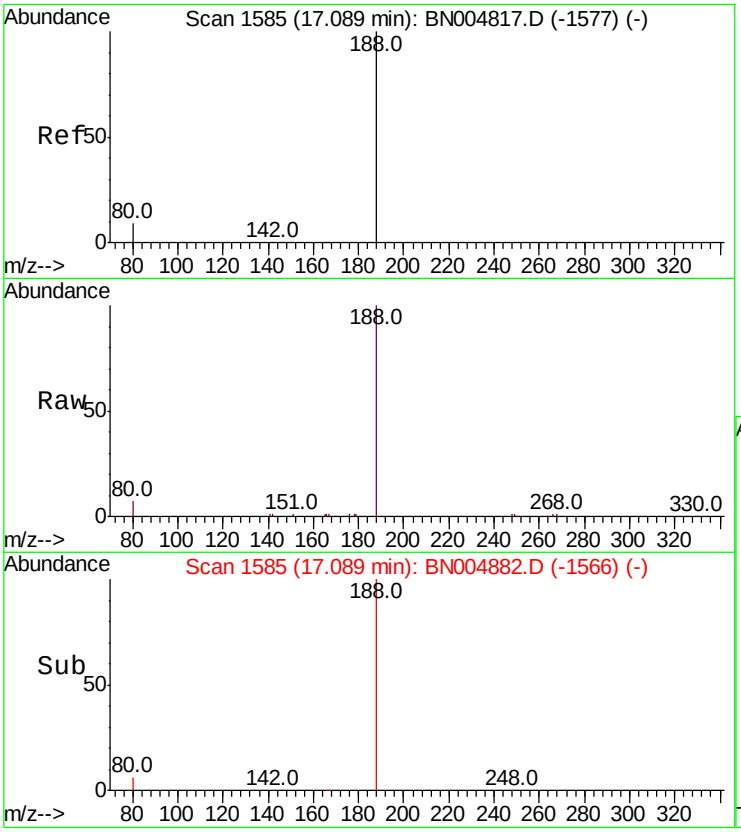


#18
Fluorene
Concen: 0.135 ng
RT: 15.39 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:166 Resp: 3905

Ion	Ratio	Lower	Upper
166	100		
165	94.5	78.2	117.4
167	17.6	11.0	16.4#



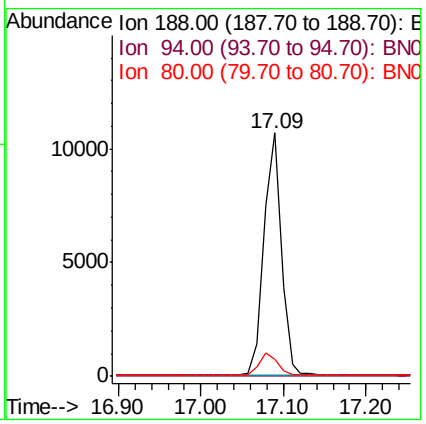


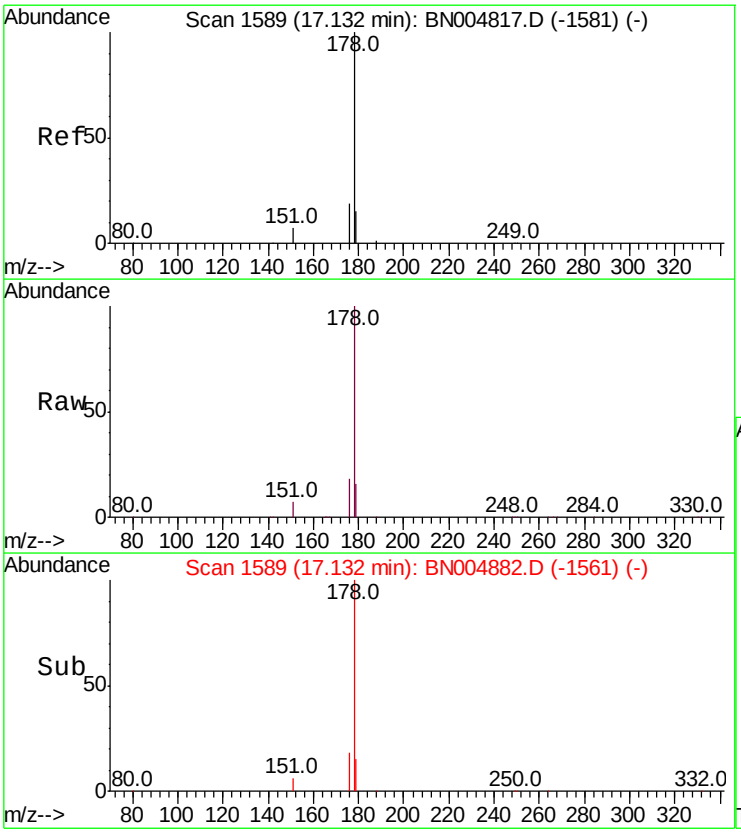
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:188 Resp: 15419

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	7.4	11.2#

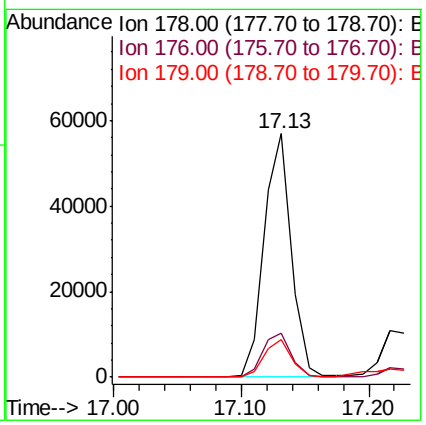


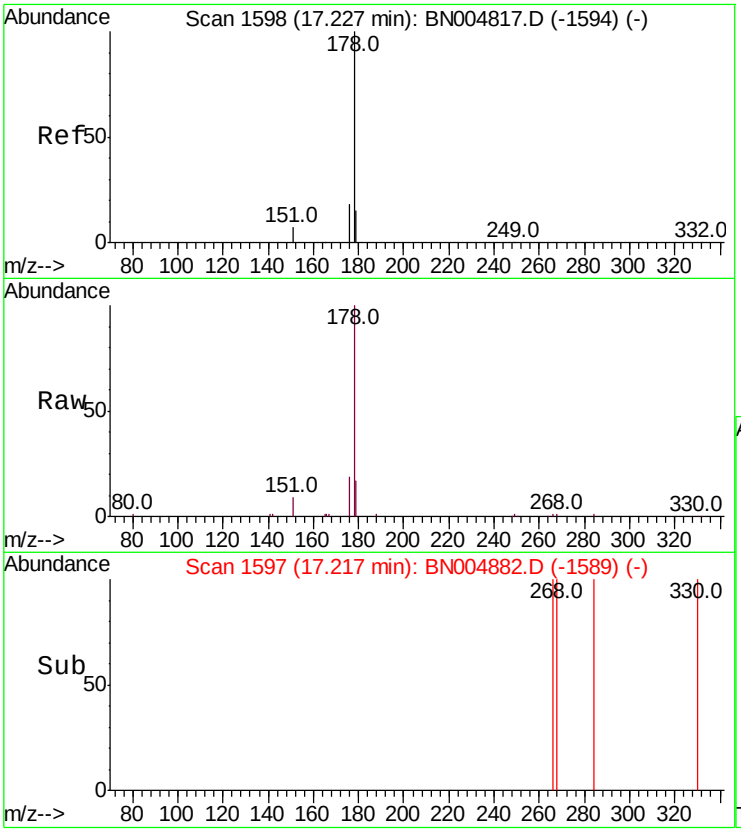


#23
Phenanthrene
Concen: 1.689 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:178 Resp: 84098

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	12.1	18.1



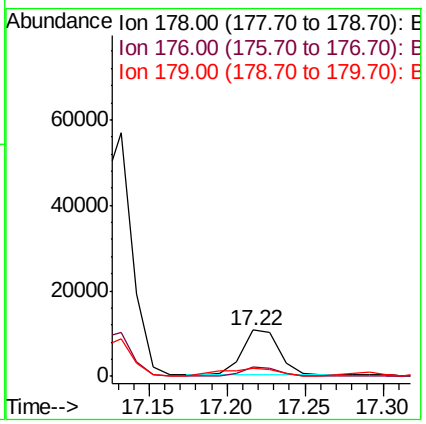


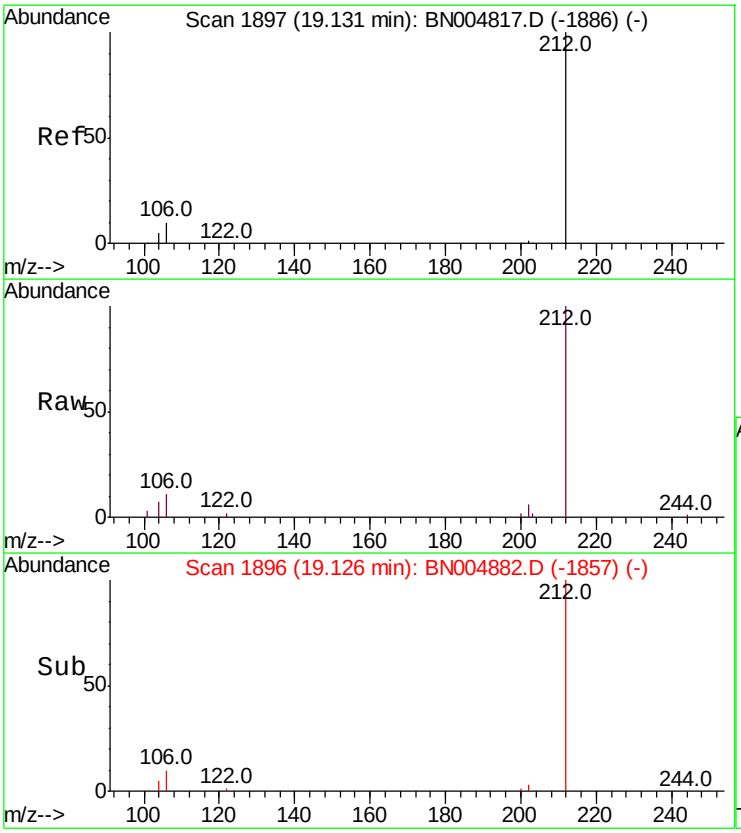
#24
Anthracene
Concen: 0.390 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:178 Resp: 17339

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.5	21.7
179	22.5	12.2	18.4#

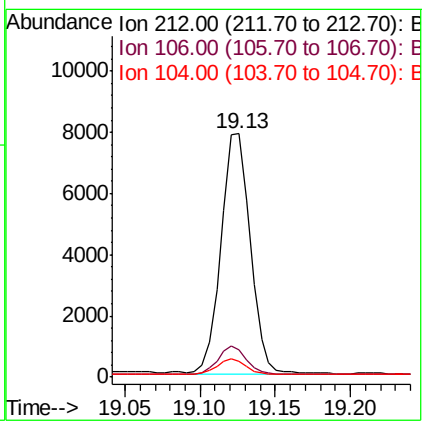


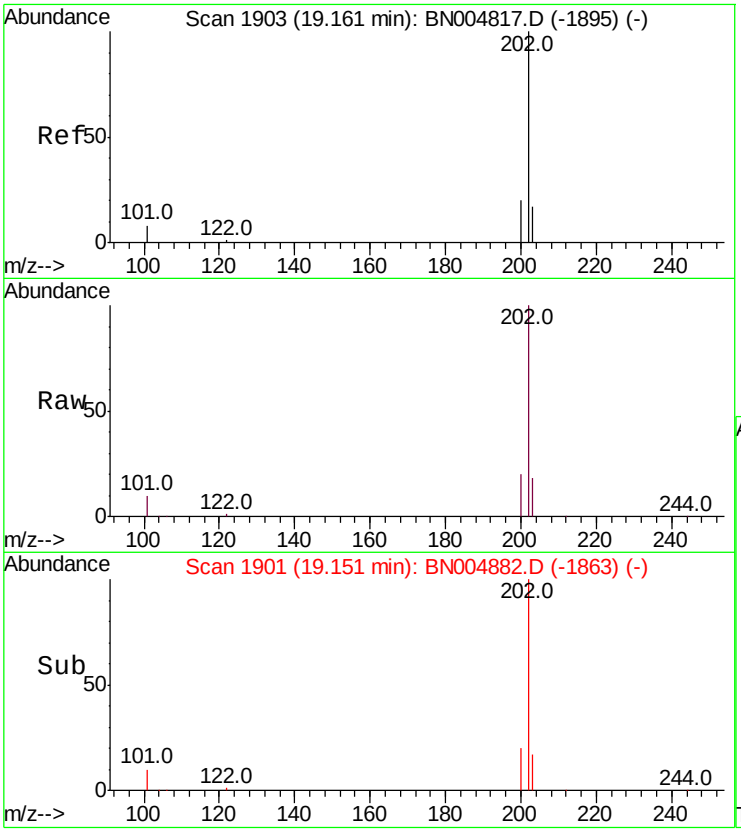


#25
Fluoranthene-d10
Concen: 0.205 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:212 Resp: 10577

Ion	Ratio	Lower	Upper
212	100		
106	11.8	8.6	13.0
104	6.4	4.7	7.1



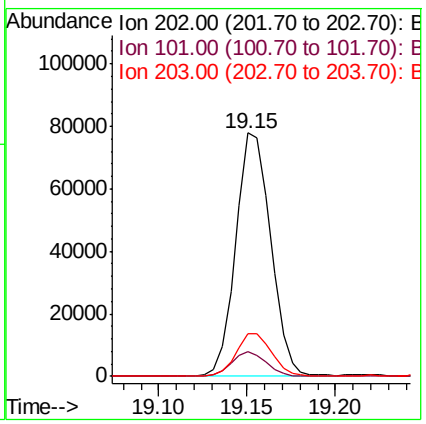


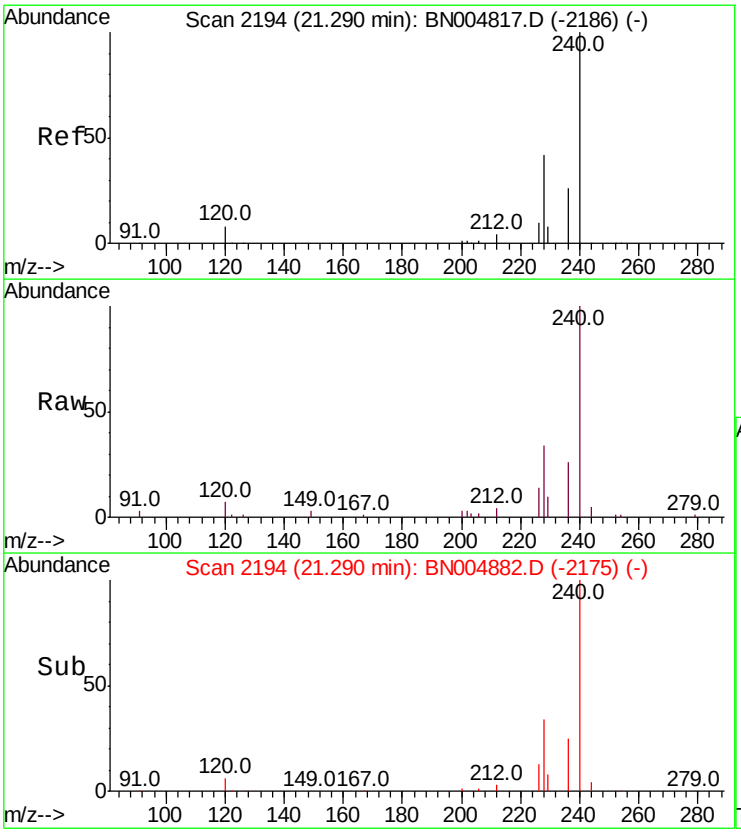
#26
Fluoranthene
Concen: 1.664 ng
RT: 19.15 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:202 Resp: 106441

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.5	11.3
203	17.5	13.8	20.6

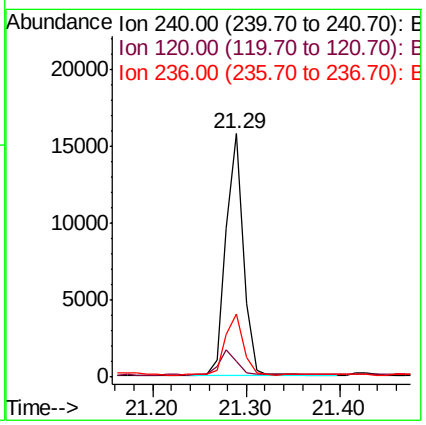


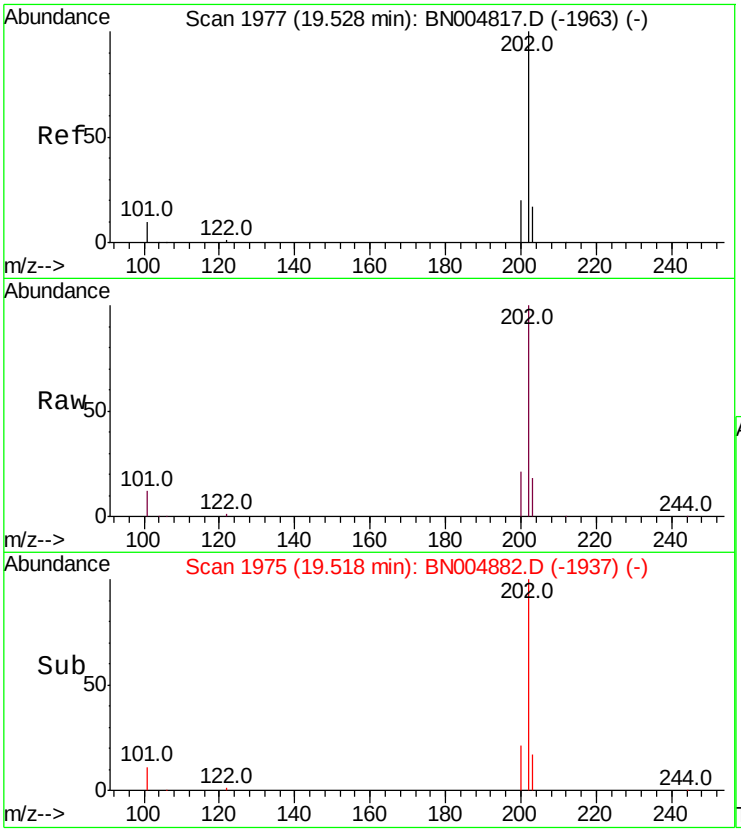


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:240 Resp: 20213

Ion	Ratio	Lower	Upper
240	100		
120	6.5	7.2	10.8#
236	26.2	20.9	31.3



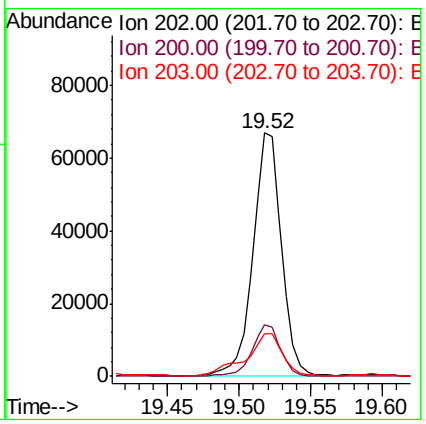


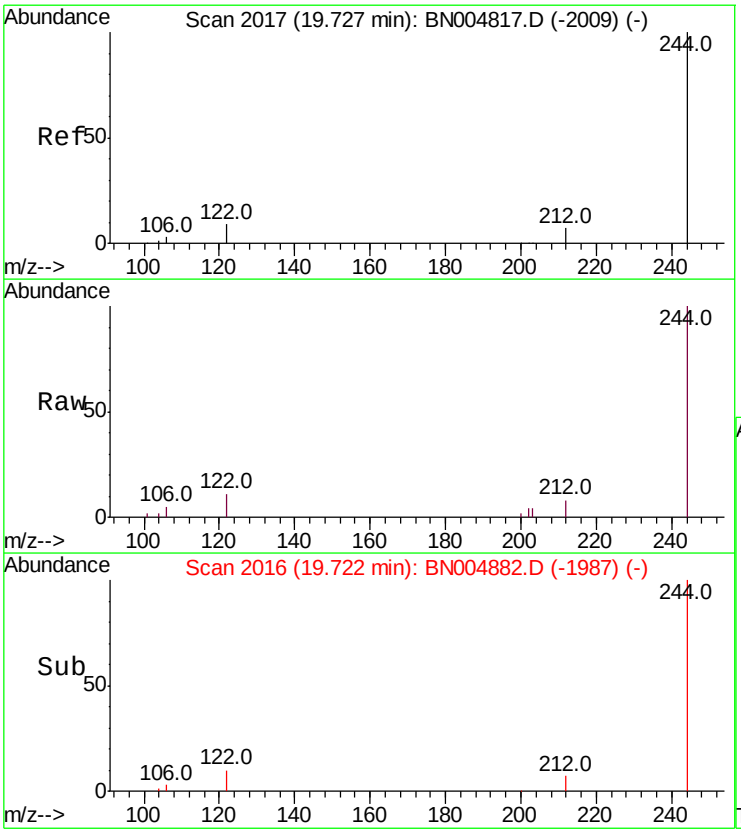
#28
Pyrene
Concen: 1.497 ng
RT: 19.52 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:202 Resp: 92279

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	22.1	14.0	21.0#

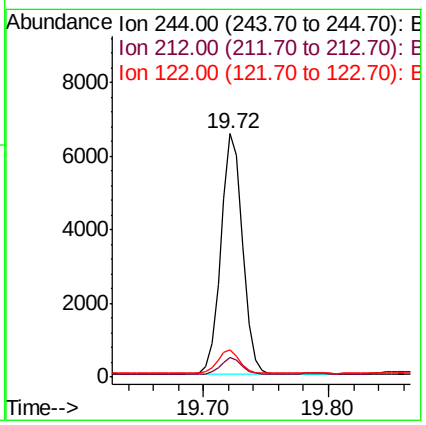


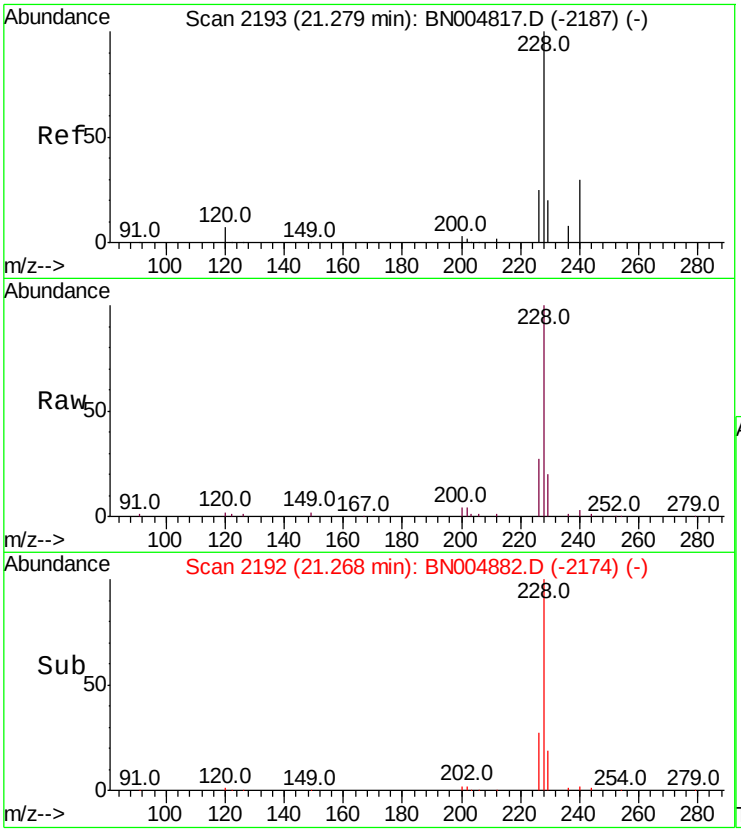


#29
Terphenyl-d14
Concen: 0.190 ng
RT: 19.72 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:244 Resp: 7870

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.6
122	11.3	7.9	11.9



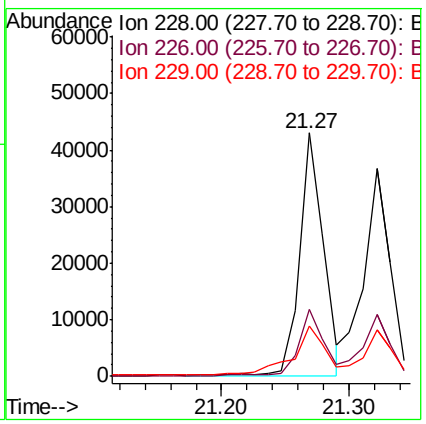


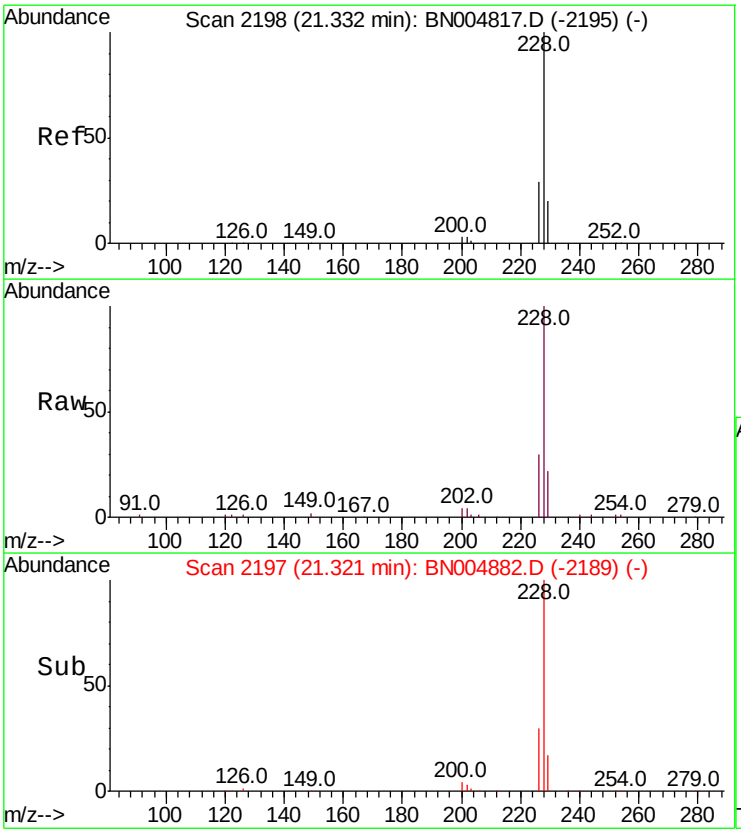
#30
Benzo(a)anthracene
Concen: 0.834 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:228 Resp: 55267

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.6	31.0
229	20.4	16.2	24.4

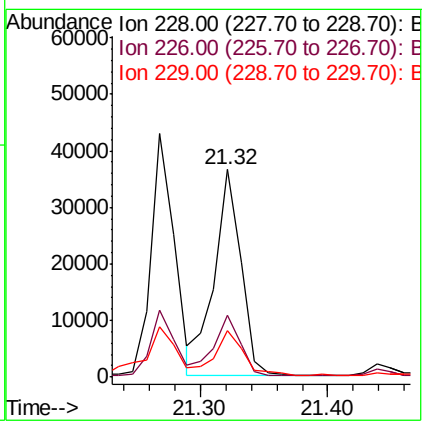


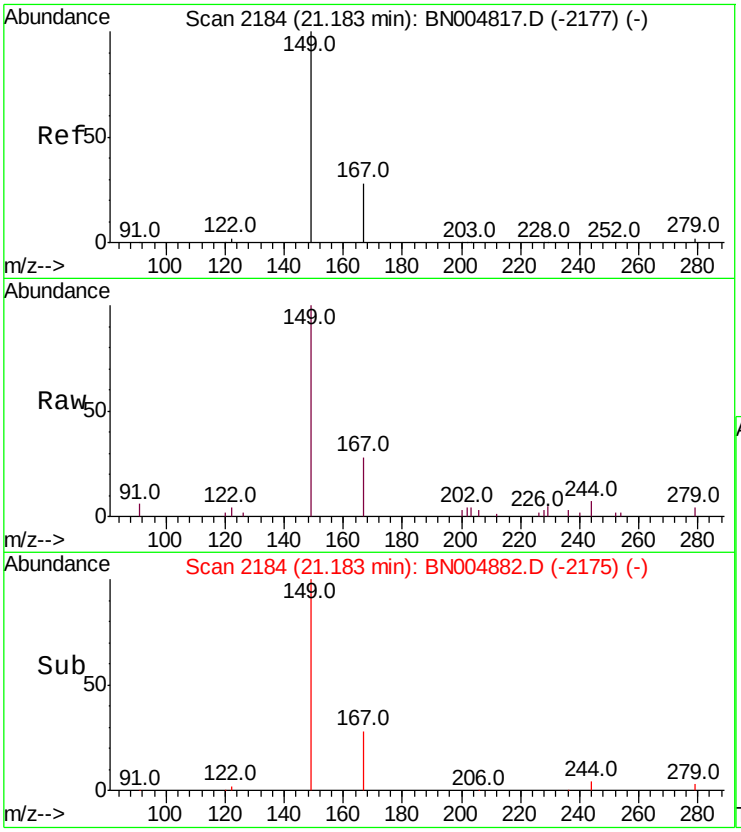


#31
Chrysene
Concen: 0.753 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:228 Resp: 52582

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.0	34.6
229	22.3	16.2	24.2



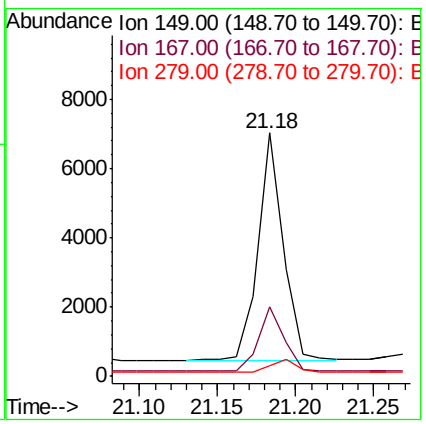


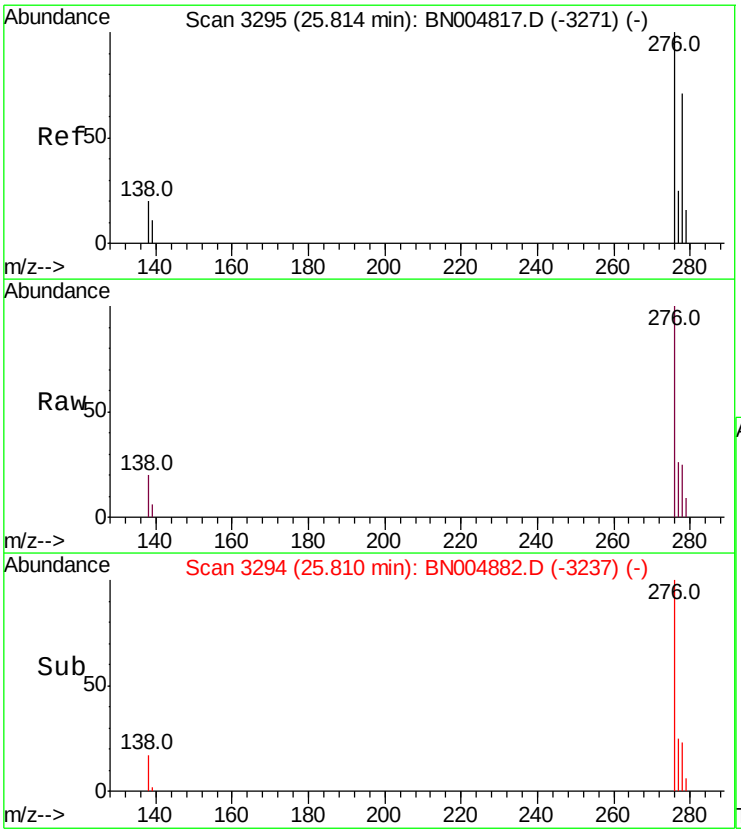
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.280 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:149 Resp: 7405

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	5.9	4.6	6.8

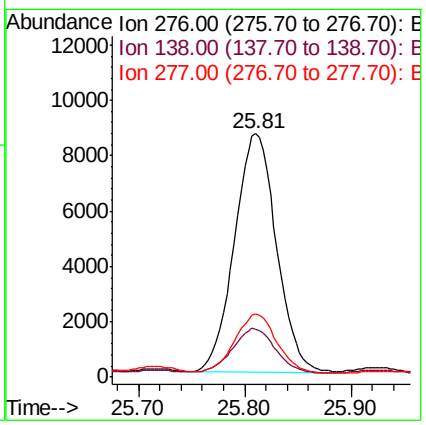


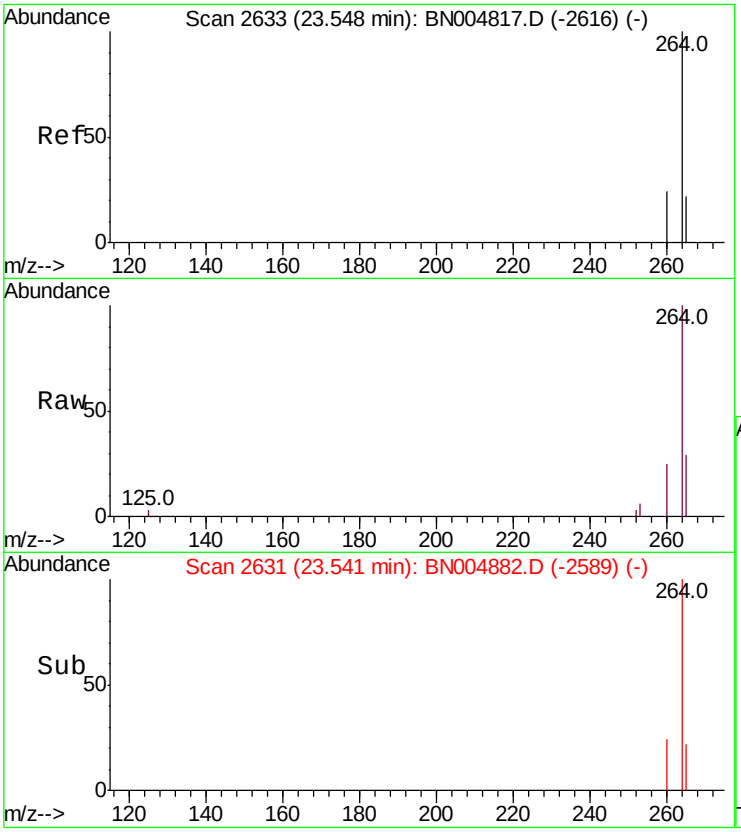


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.235 ng
RT: 25.81 min Scan# 3294
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:276 Resp: 23710

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.6	24.8
277	24.9	20.3	30.5



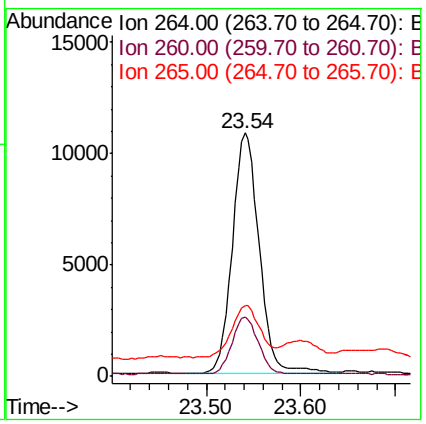


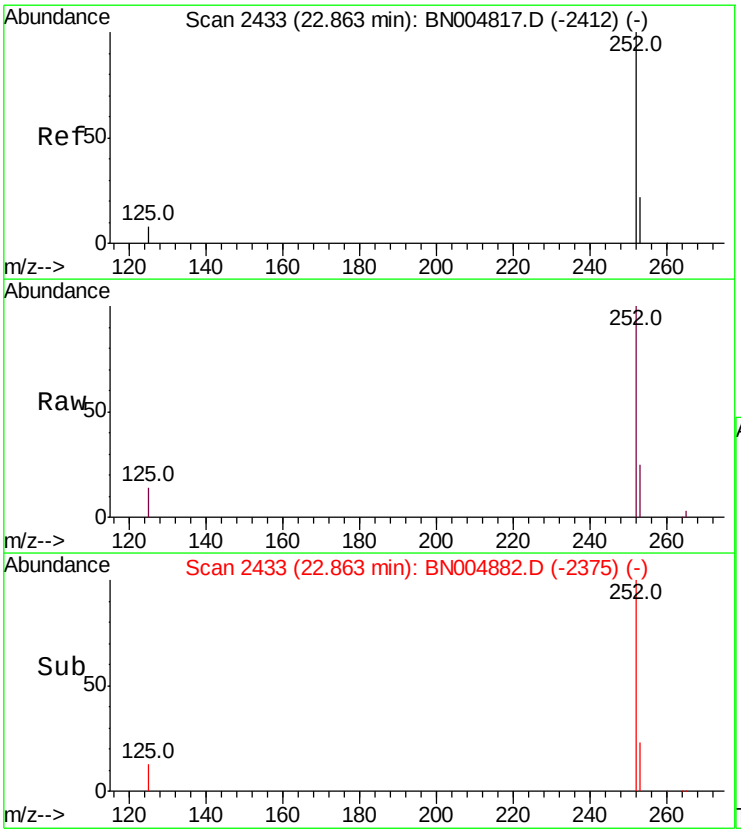
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2631
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:264 Resp: 21205

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	28.9	23.1	34.7

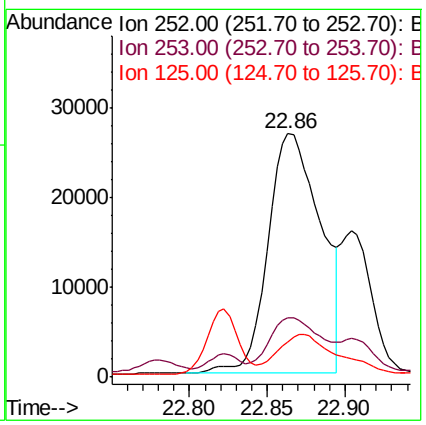


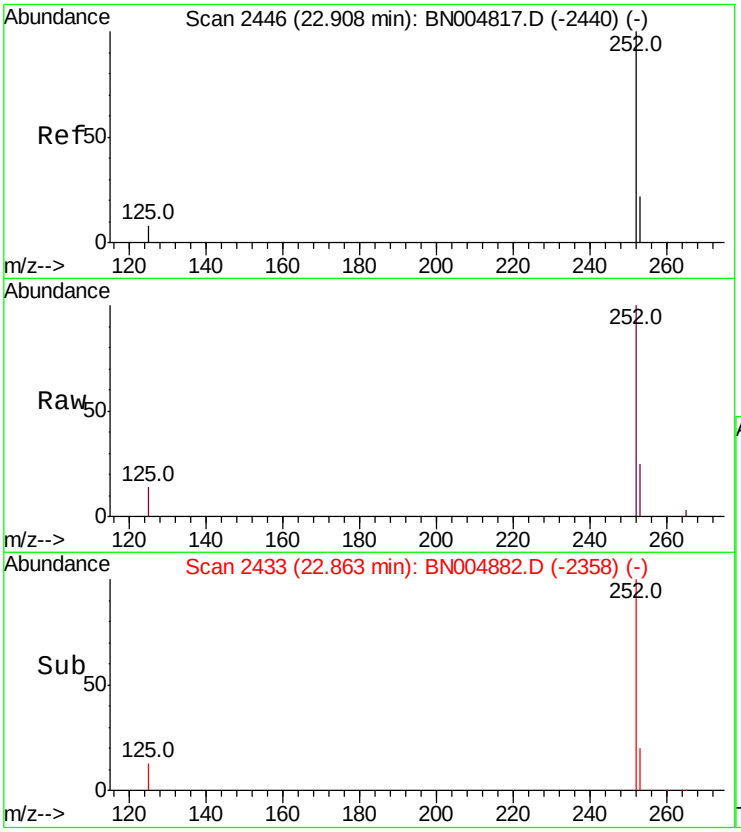


#35
Benzo(b)fluoranthene
Concen: 0.822 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:252 Resp: 63048

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.0	28.4
125	14.4	7.4	11.2#



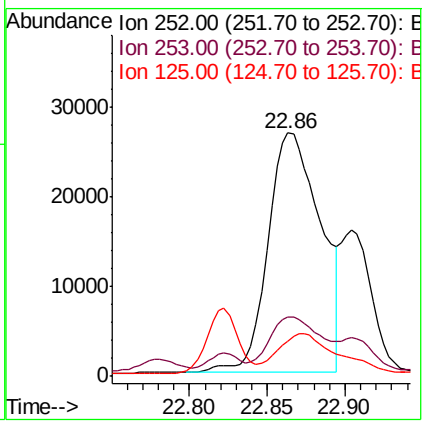


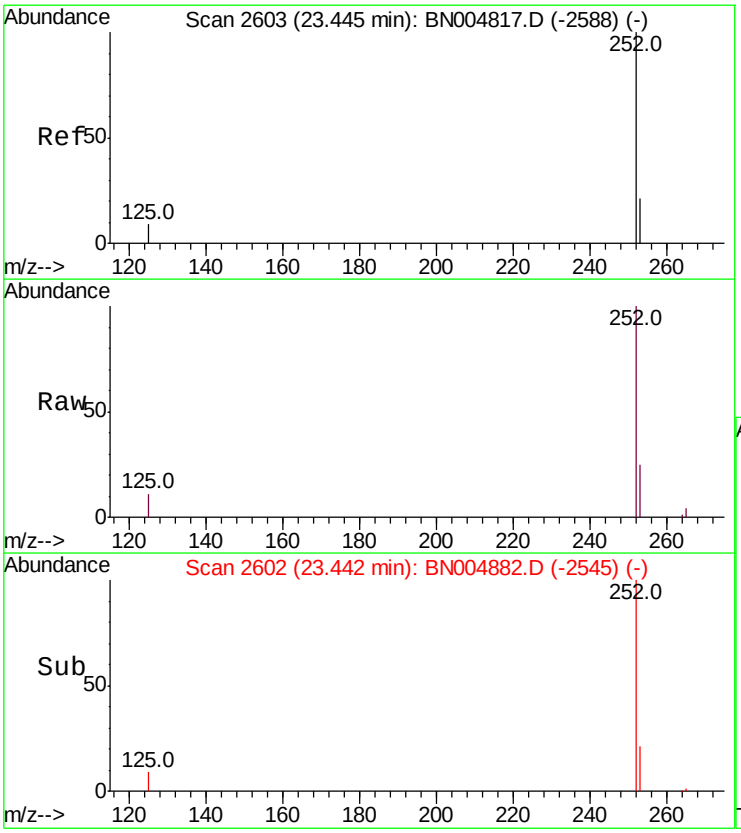
#36
Benzo(k)fluoranthene
Concen: 0.835 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.04 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:252 Resp: 63048

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.3	28.9
125	14.4	7.4	11.0#

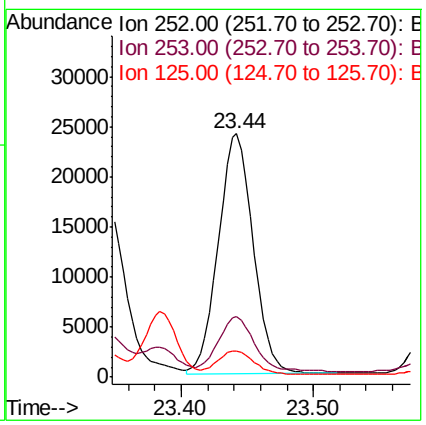


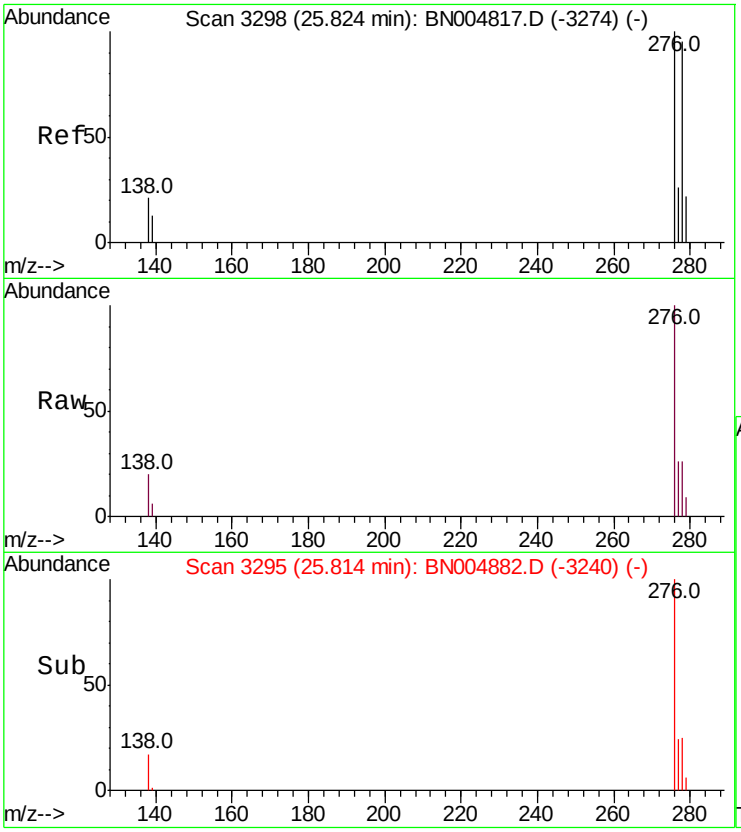


#37
Benzo(a)pyrene
Concen: 0.624 ng
RT: 23.44 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:252 Resp: 43877

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.7	29.5
125	10.9	8.3	12.5



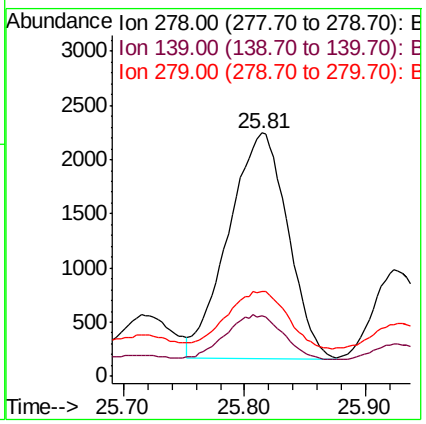


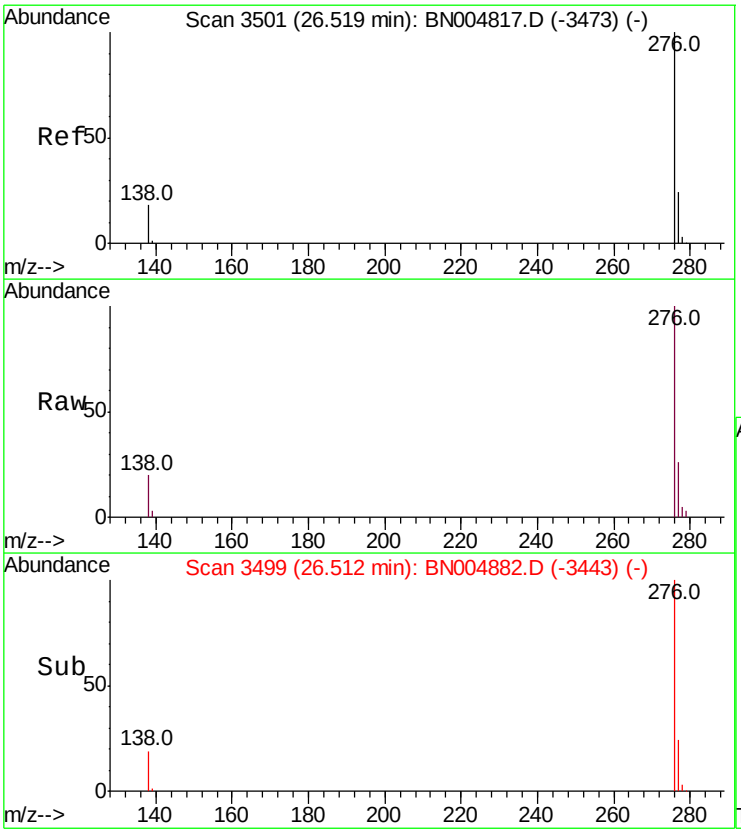
#38
Dibenzo(a,h)anthracene
Concen: 0.087 ng
RT: 25.81 min Scan# 3295
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW017-030719

Tgt Ion:278 Resp: 7102

Ion	Ratio	Lower	Upper
278	100		
139	24.7	11.7	17.5#
279	34.9	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.254 ng
RT: 26.51 min Scan# 3499
Delta R.T. -0.01 min
Lab File: BN004882.D
Acq: 22 Mar 2019 10:41

Tgt Ion:276 Resp: 21060

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.7	29.5
138	20.4	14.6	22.0