Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008016.D
Acq On : 04 Oct 2019 22:46
Operator : JU
Sample : K5078-10RE 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 05 01:26:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	20381	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	86022	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	57674	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	134758	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	140994	0.40	ng		0.00
34) Perylene-d12	23.48	264	162150	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	2596	0.04	ng		0.00
5) Phenol-d6	6.88	99	3515	0.03	ng		0.00
8) Nitrobenzene-d5	8.82	82	2801	0.04	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	5808	0.04	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	1592	0.05	ng		0.00
15) 2-Fluorobiphenyl	12.93	172	8371	0.04	ng		-0.02
25) Fluoranthene-d10	19.09	212	16695	0.04	ng		-0.01
29) Terphenyl-d14	19.70	244	17919	0.05	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.99	42	8016	0.770	ng	#	77
9) Naphthalene	10.49	128	16143	0.067	ng	#	95
12) 2-Methylnaphthalene	12.12	142	10251	0.063	ng		97
16) Acenaphthylene	14.03	152	229059	0.749	ng		99
17) Acenaphthene	14.38	154	54987	0.279	ng		97
18) Fluorene	15.37	166	102668	0.406	ng		97
23) Phenanthrene	17.10	178	2279741	5.431	ng		100
24) Anthracene	17.19	178	392832	1.036	ng	#	95
26) Fluoranthene	19.13	202	3964161	7.594	ng		98
28) Pyrene	19.49	202	3364660	6.997	ng	#	95
30) Benzo(a)anthracene	21.24	228	1640498	3.160	ng		98
31) Chrysene	21.29	228	1843789	3.644	ng		97
32) Bis(2-ethylhexyl)phthalate	21.18	149	210769	0.789	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.70	276	1269352	2.004	ng	#	94
35) Benzo(b)fluoranthene	22.82	252	2505153	4.450	ng		98
36) Benzo(k)fluoranthene	22.82	252	2505153	4.500	ng		98
37) Benzo(a)pyrene	23.38	252	1600258	3.025	ng		98
38) Dibenzo(a,h)anthracene	25.70	278	303293	0.560	ng	#	91
39) Benzo(g,h,i)perylene	26.38	276	1211007	2.261	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008016.D
Acq On : 04 Oct 2019 22:46
Operator : JU
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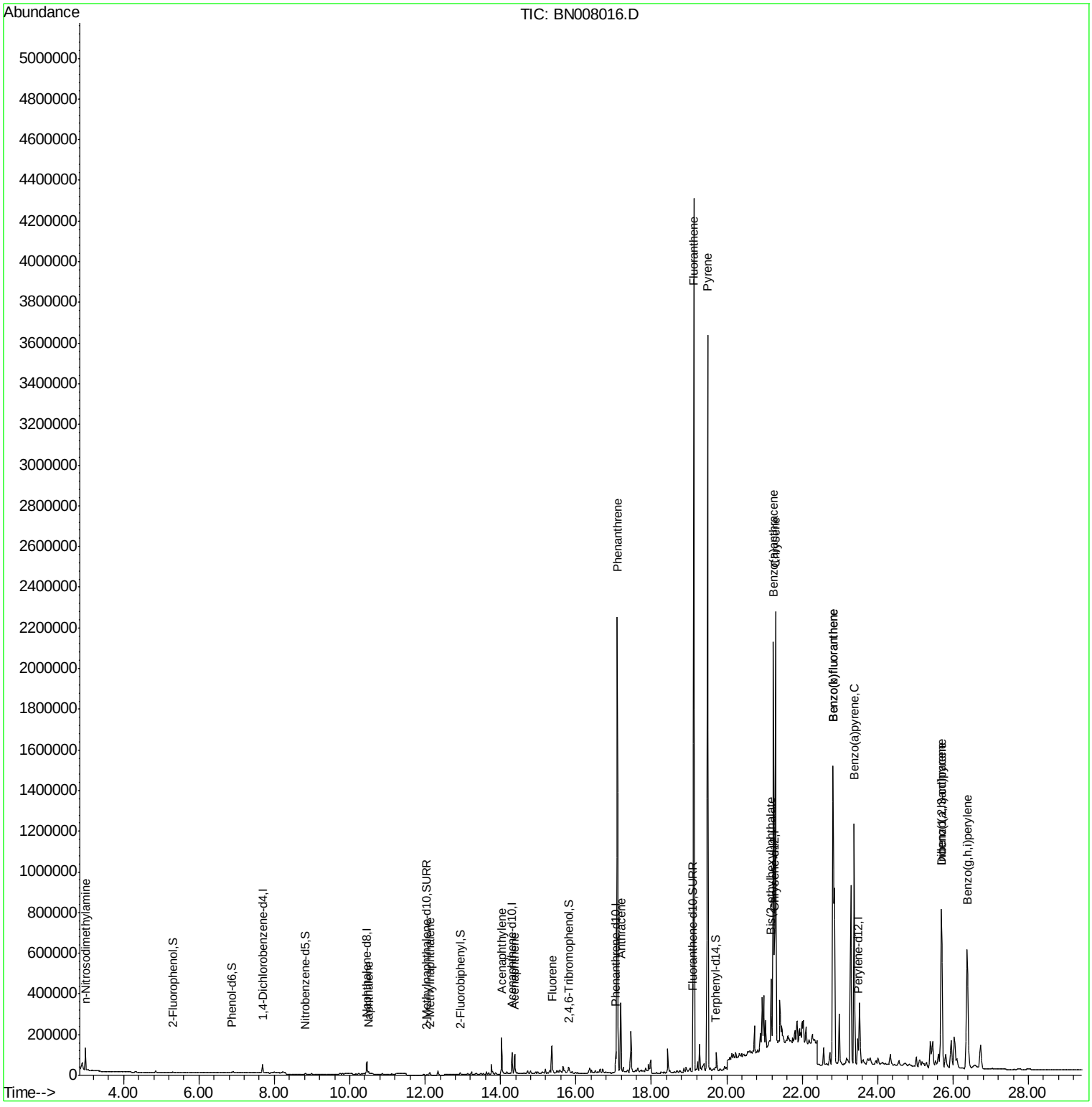
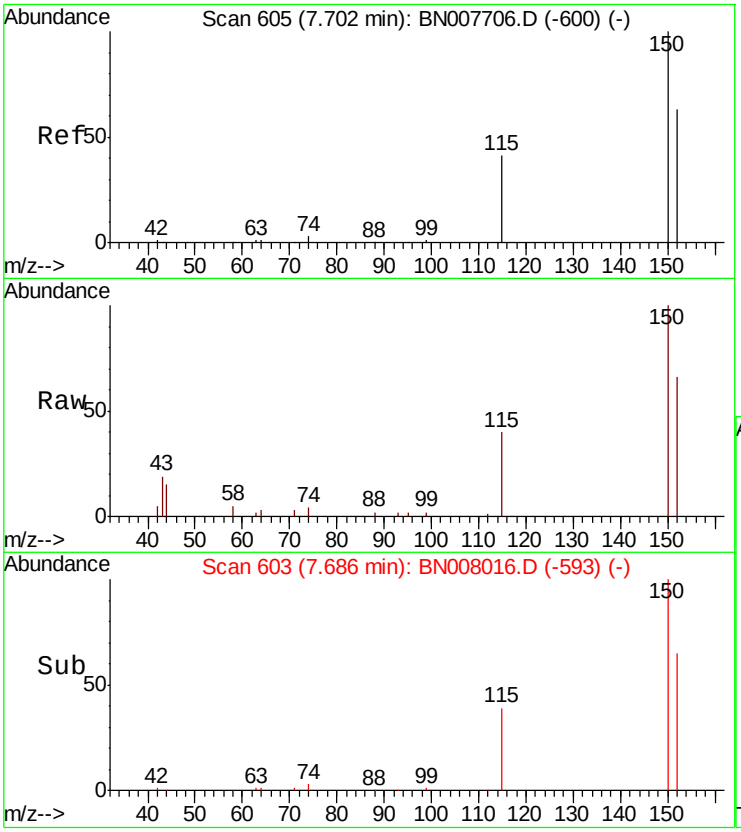
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 05 01:26:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration



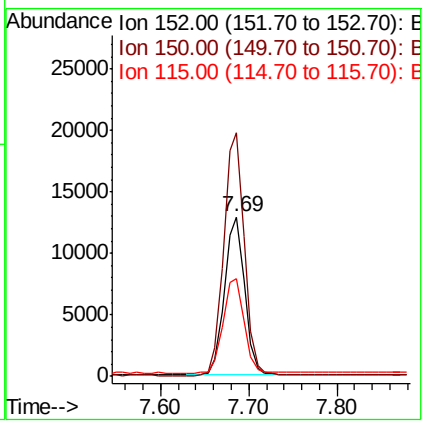


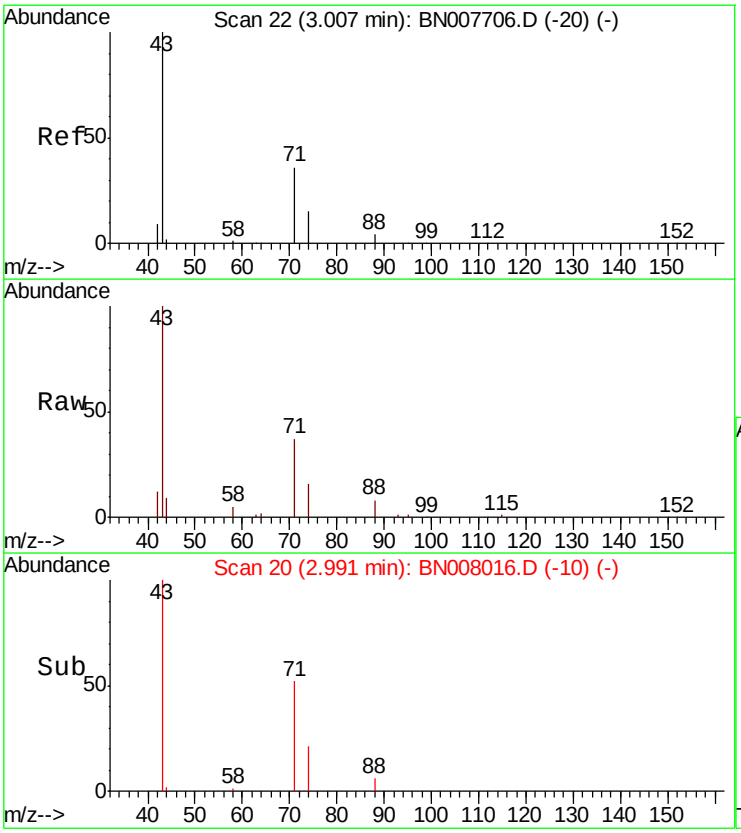
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 20381

Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.6	188.4
115	61.3	53.3	79.9

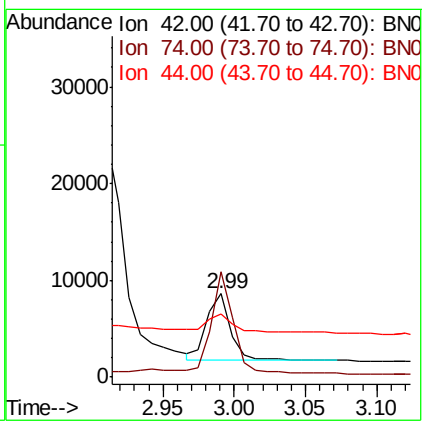


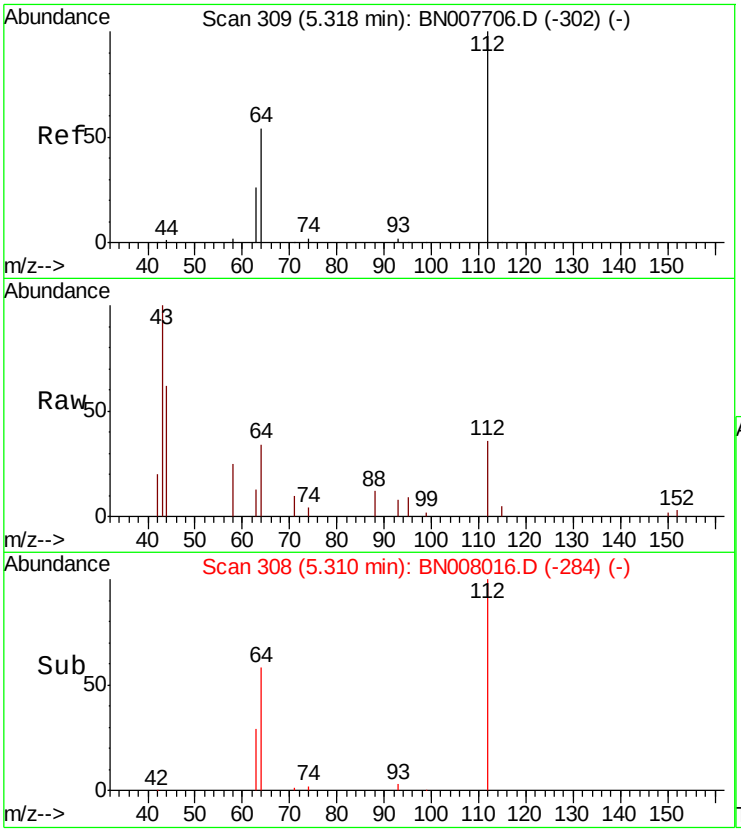


#3
n-Nitrosodimethylamine
Concen: 0.770 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion: 42 Resp: 8016

Ion	Ratio	Lower	Upper
42	100		
74	140.0	87.9	131.9#
44	33.2	29.4	44.0



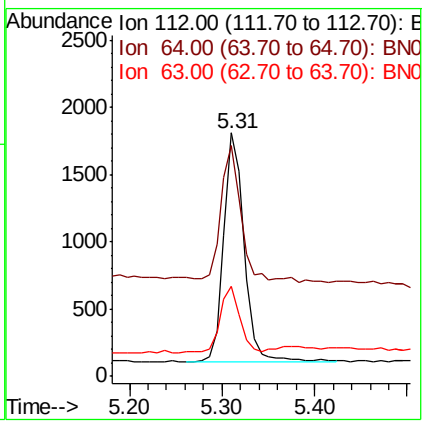


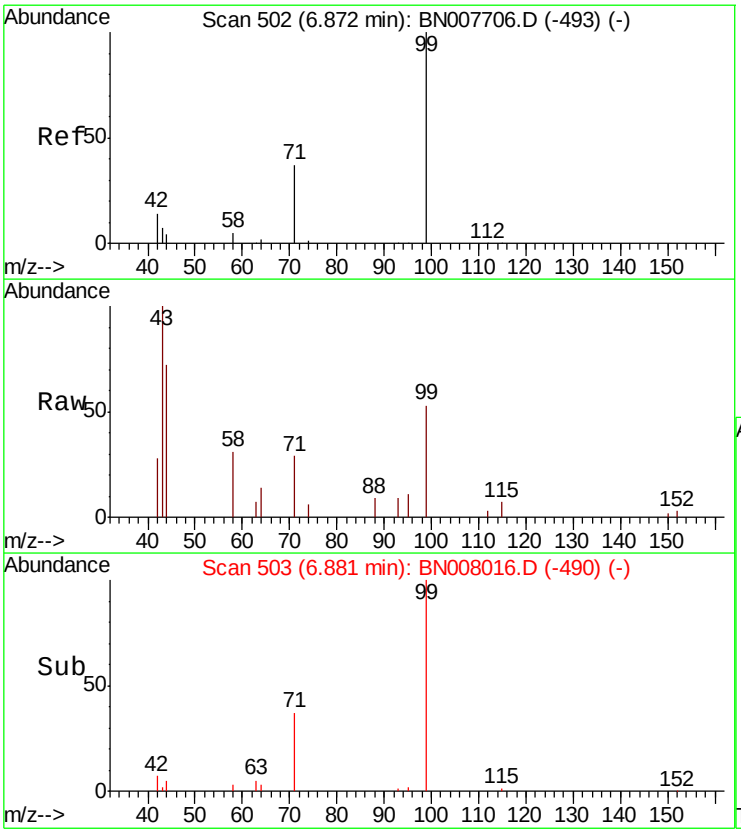
#4
2-Fluorophenol
Concen: 0.037 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 2596

Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.6	70.0
63	27.3	23.1	34.7

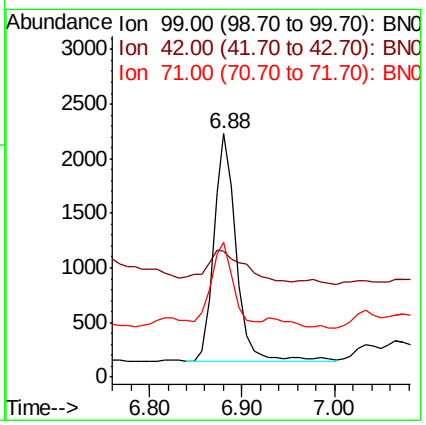


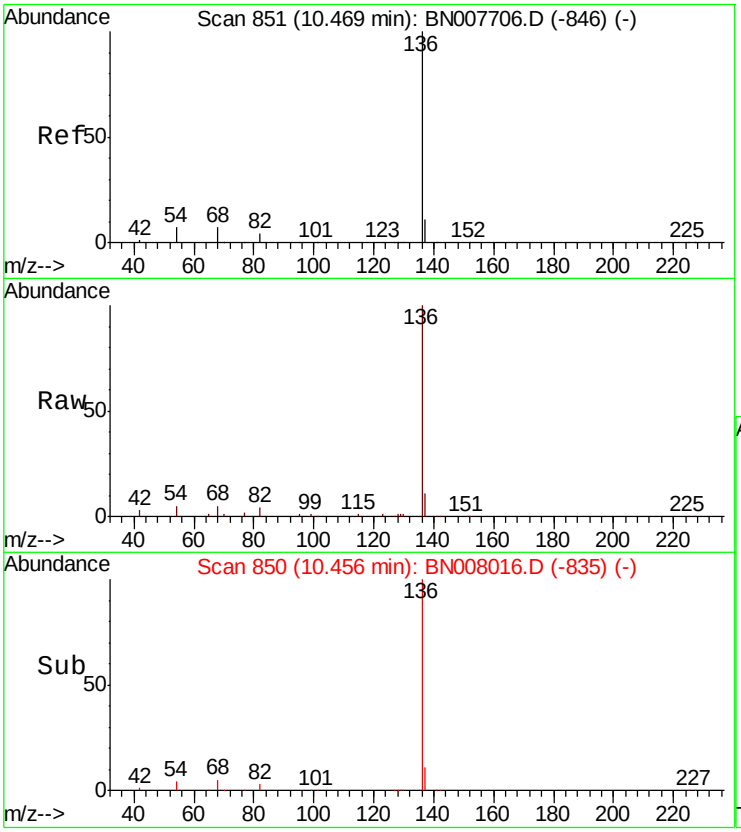


#5
Phenol-d6
Concen: 0.034 ng
RT: 6.88 min Scan# 503
Delta R.T. 0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion: 99 Resp: 3515

Ion	Ratio	Lower	Upper
99	100		
42	23.8	12.8	19.2#
71	36.9	27.6	41.4



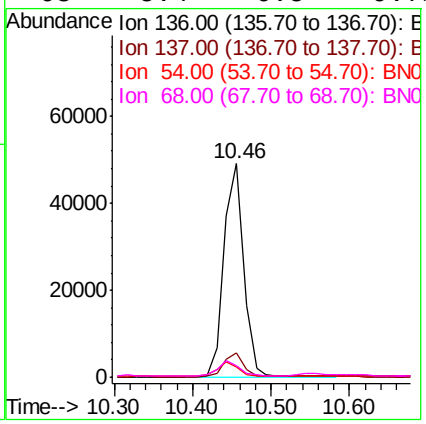


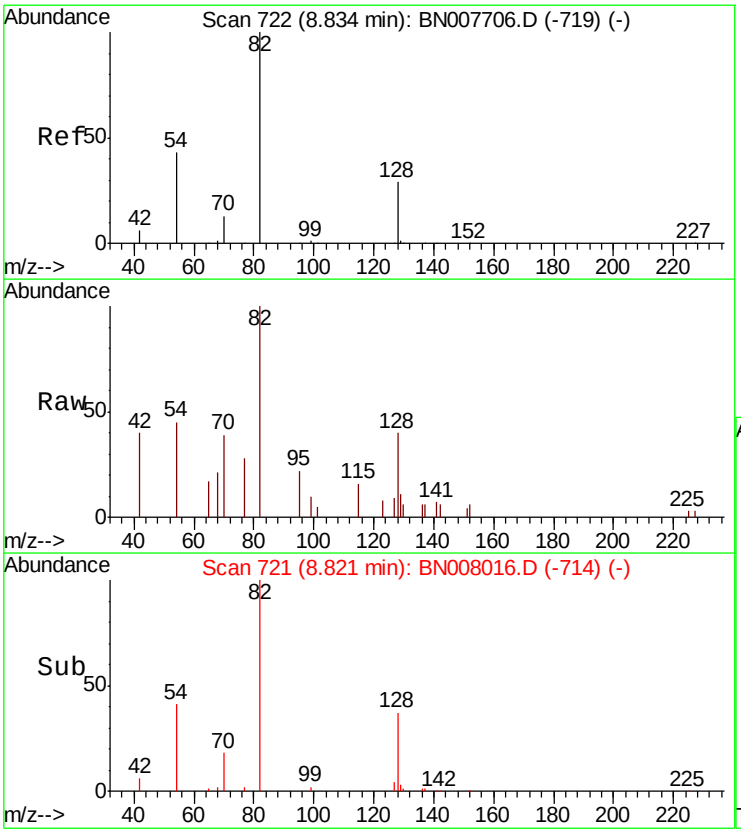
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 86022

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.6	5.8	8.8#
68	5.4	6.5	9.7#

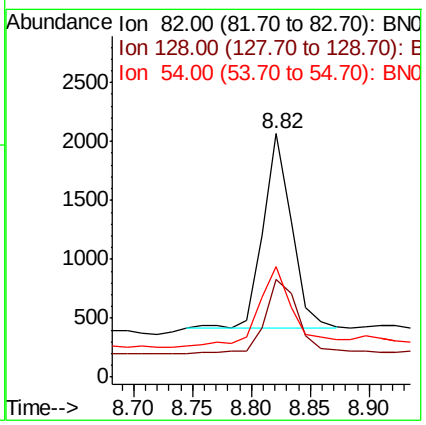


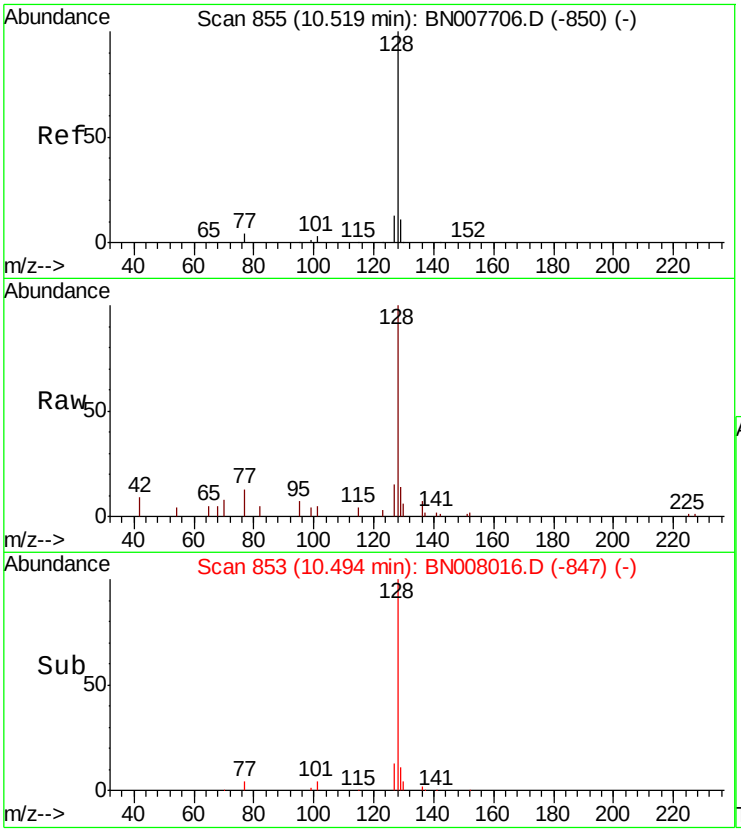


#8
Nitrobenzene-d5
Concen: 0.037 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion: 82 Resp: 2801

Ion	Ratio	Lower	Upper
82	100		
128	40.0	24.5	36.7#
54	45.4	35.2	52.8



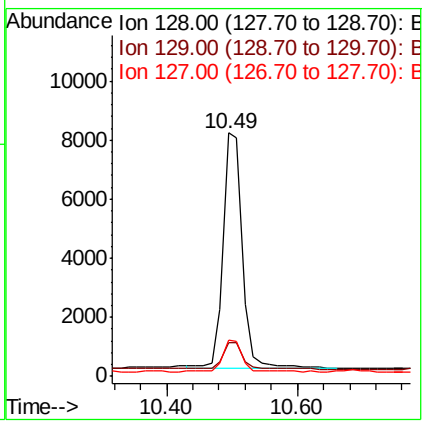


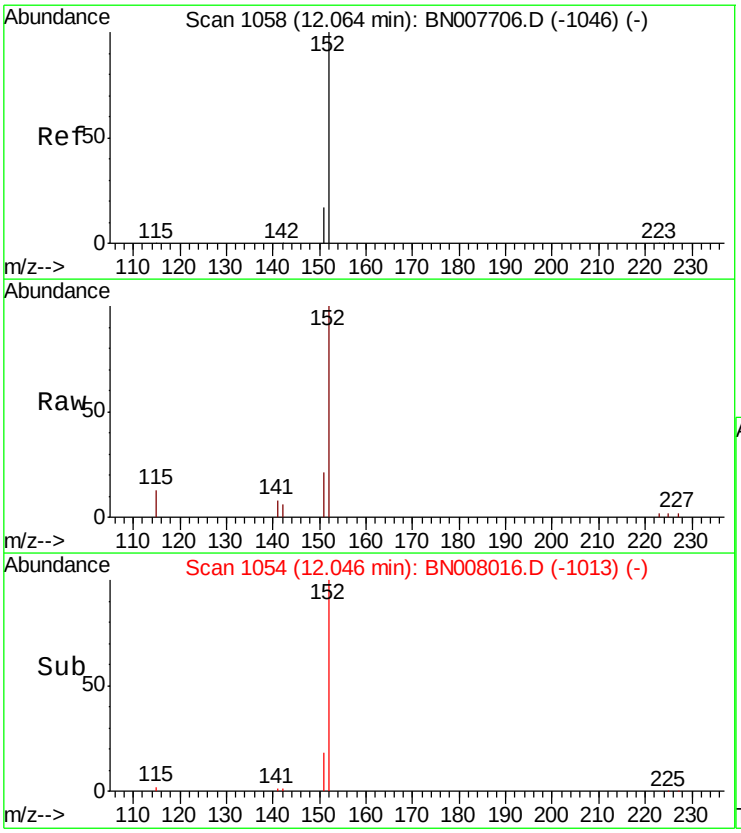
#9
Naphthalene
Concen: 0.067 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 16143

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.1	13.7#
127	14.9	10.6	15.8

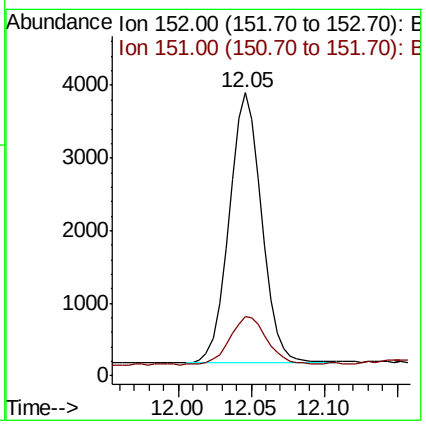


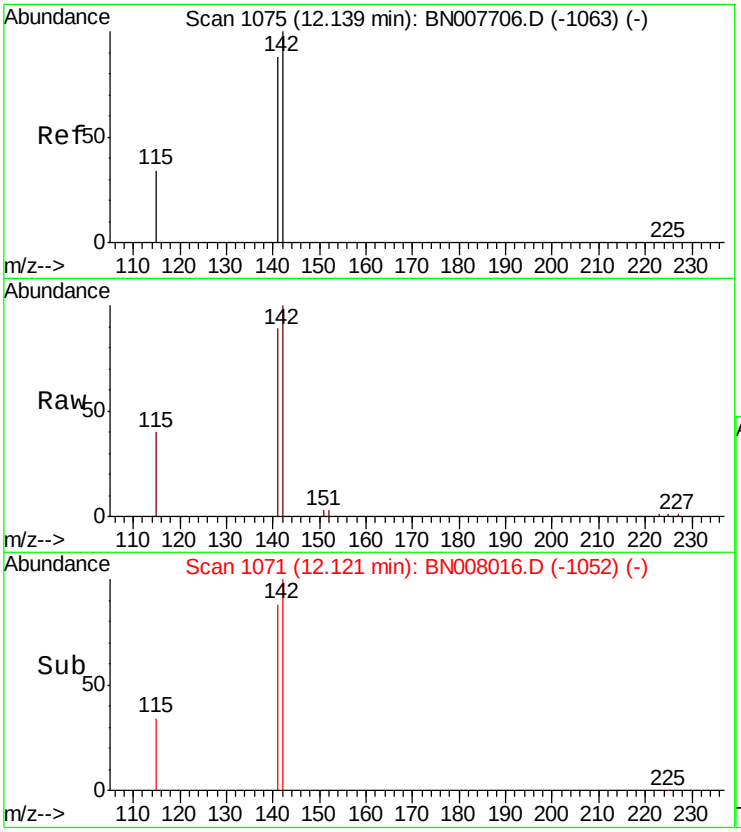


#11
2-Methylnaphthalene-d10
Concen: 0.040 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:152 Resp: 5808

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.4	23.2



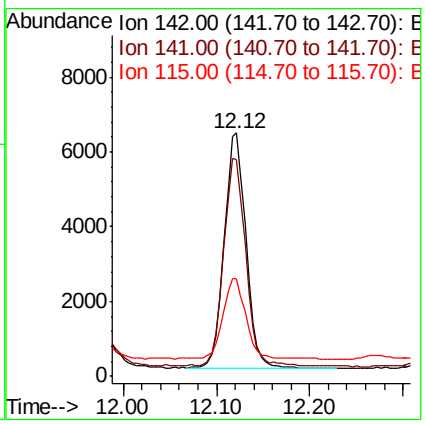


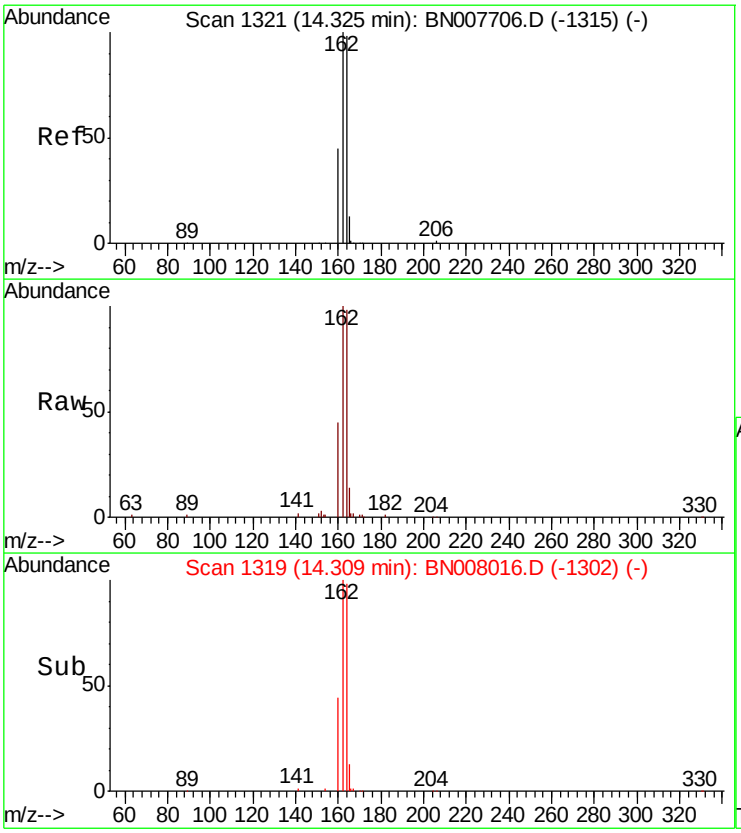
#12
2-Methylnaphthalene
Concen: 0.063 ng
RT: 12.12 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 10251

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.6	106.0
115	39.9	28.3	42.5

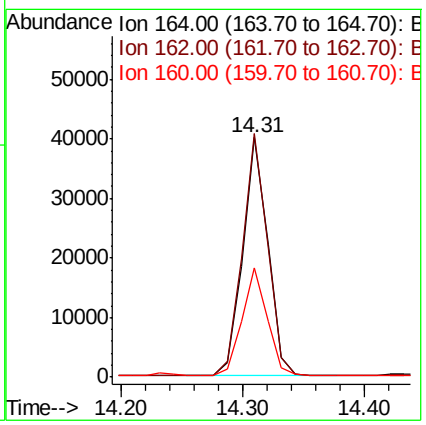


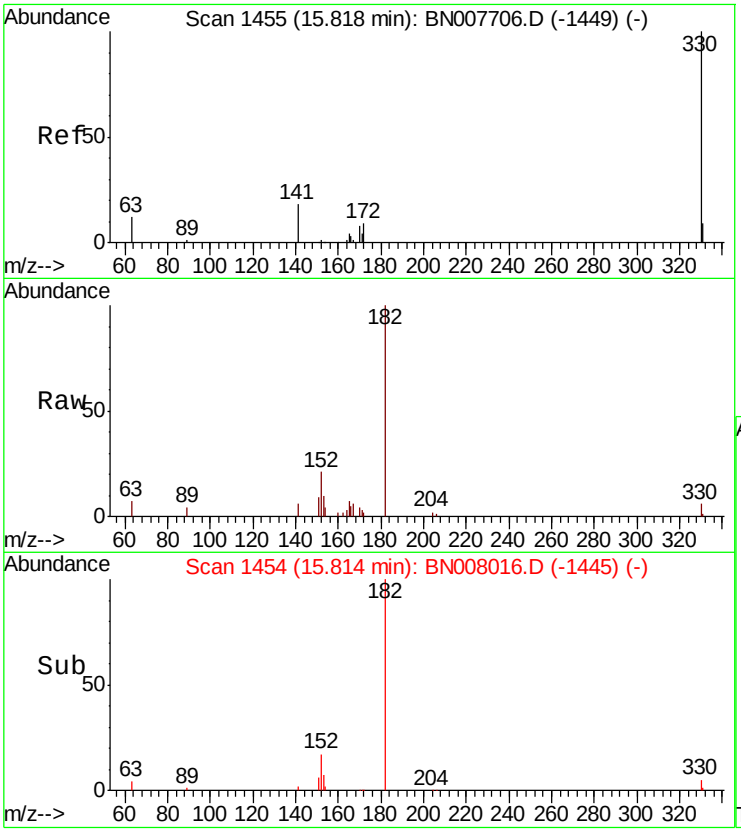


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:164 Resp: 57674

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.7	122.5
160	45.3	37.0	55.4



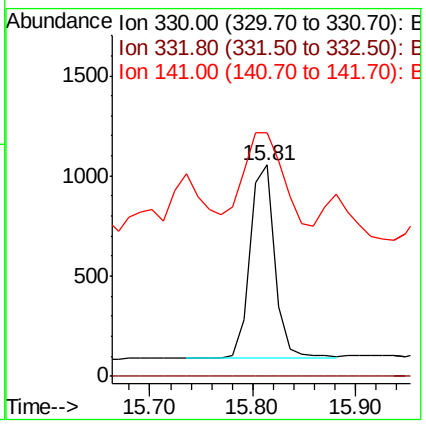


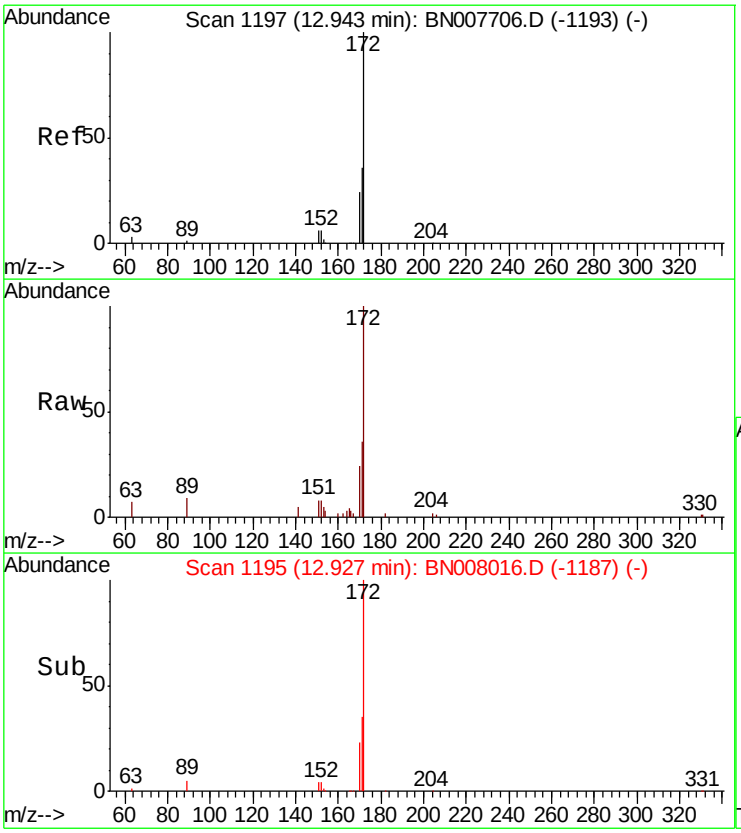
#14
2,4,6-Tribromophenol
Concen: 0.051 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1592

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	78.6	28.7	43.1#

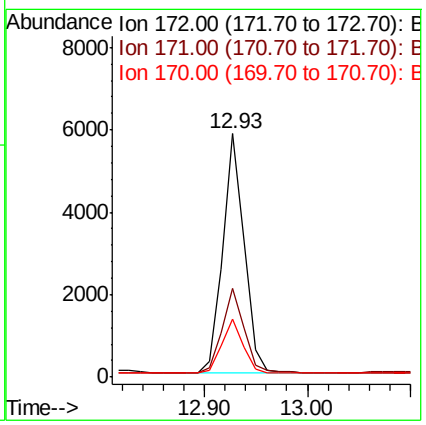


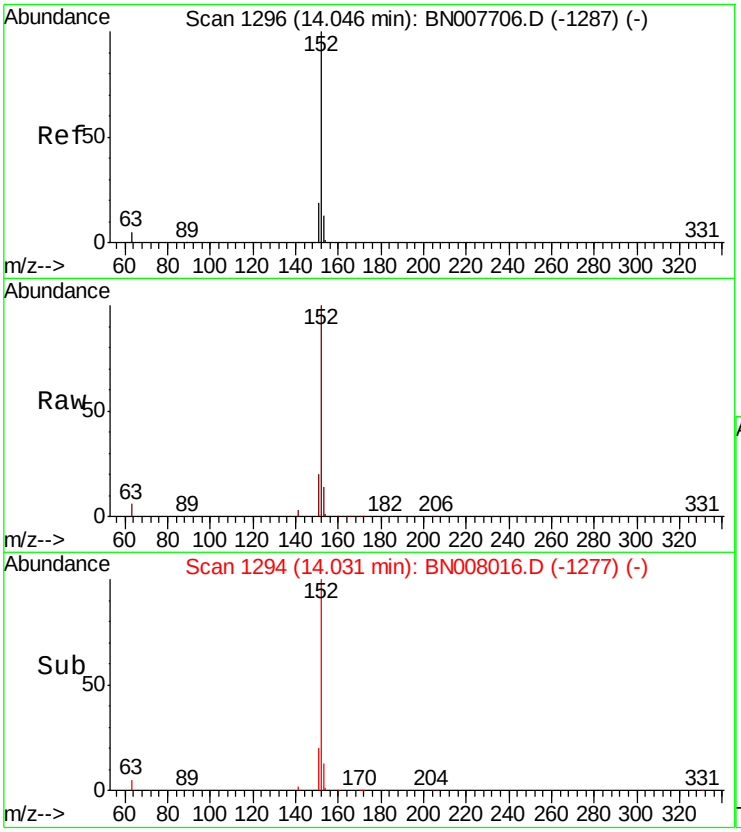


#15
2-Fluorobiphenyl
Concen: 0.035 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:172 Resp: 8371

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.8	43.2
170	24.1	19.5	29.3



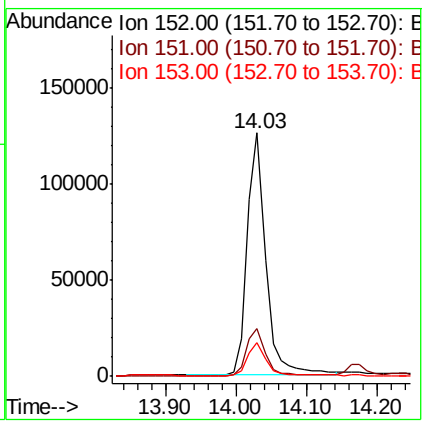


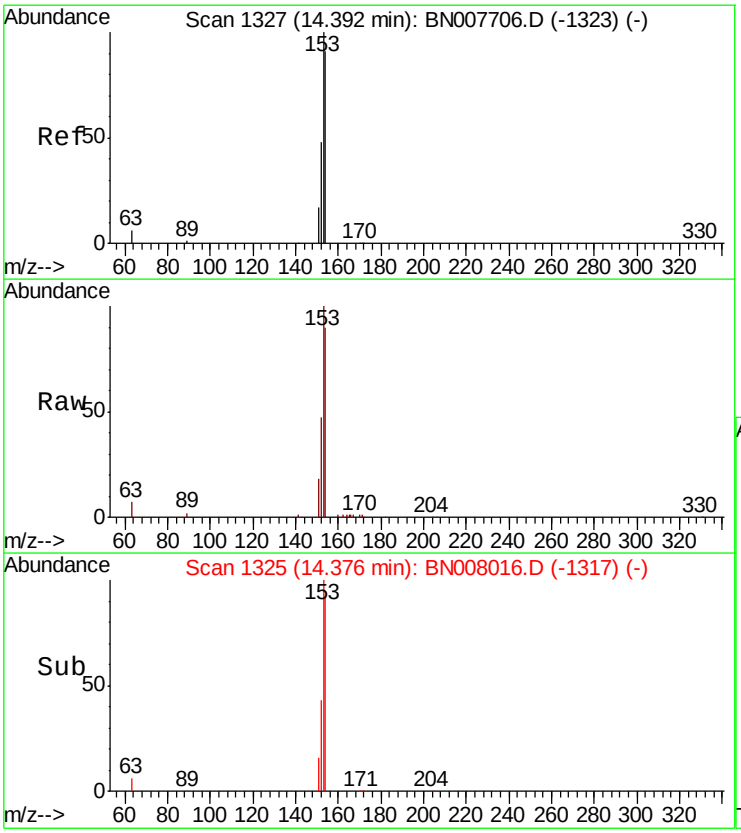
#16
Acenaphthylene
Concen: 0.749 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 229059

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.4	10.4	15.6

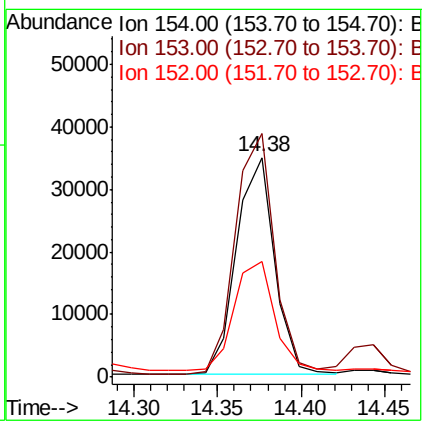


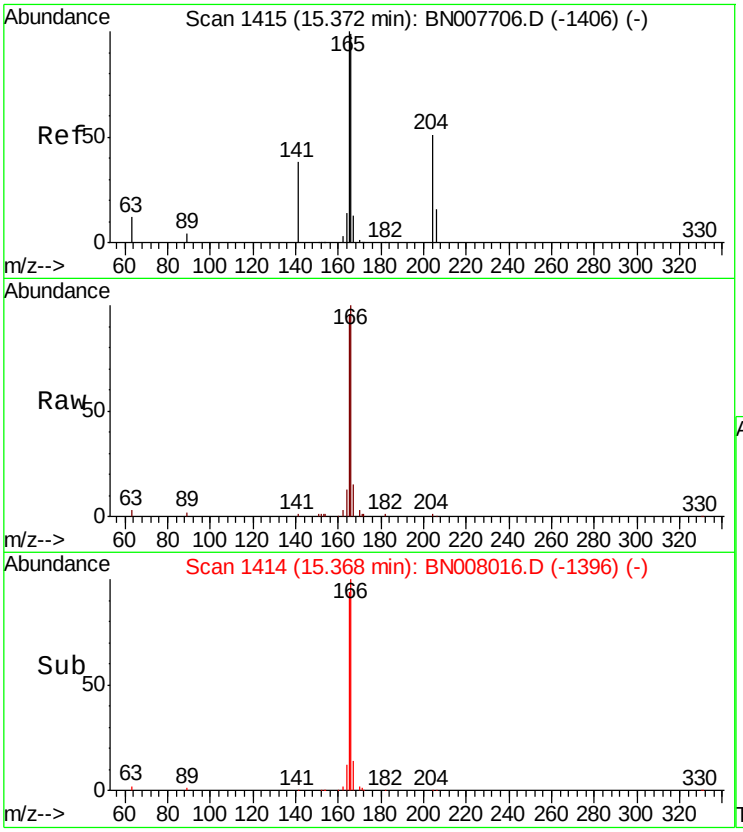


#17
Acenaphthene
Concen: 0.279 ng
RT: 14.38 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:154 Resp: 54987

Ion	Ratio	Lower	Upper
154	100		
153	112.9	87.0	130.4
152	53.0	42.7	64.1



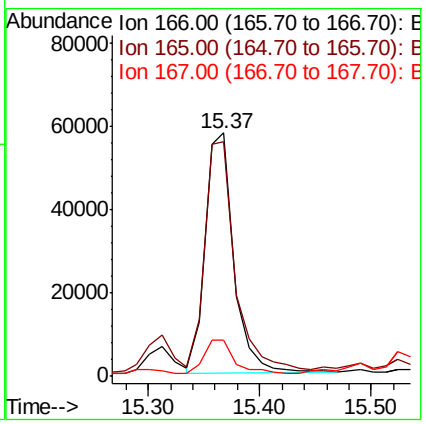


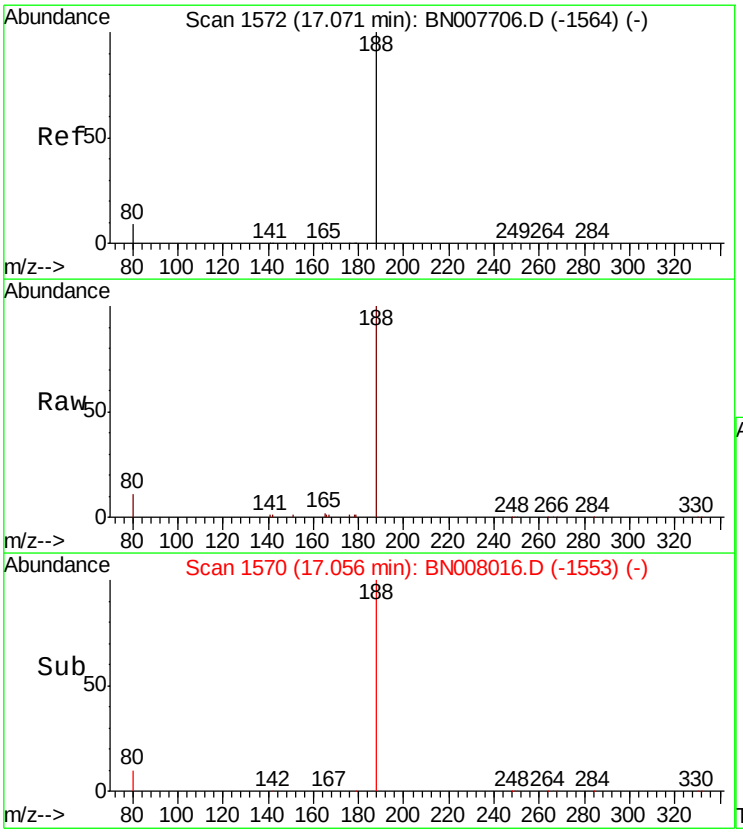
#18
Fluorene
Concen: 0.406 ng
RT: 15.37 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 102668

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.0	117.0
167	15.1	10.9	16.3

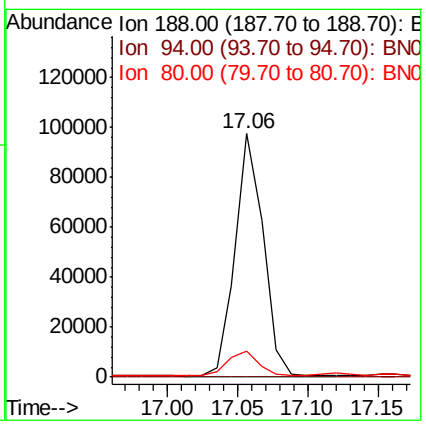


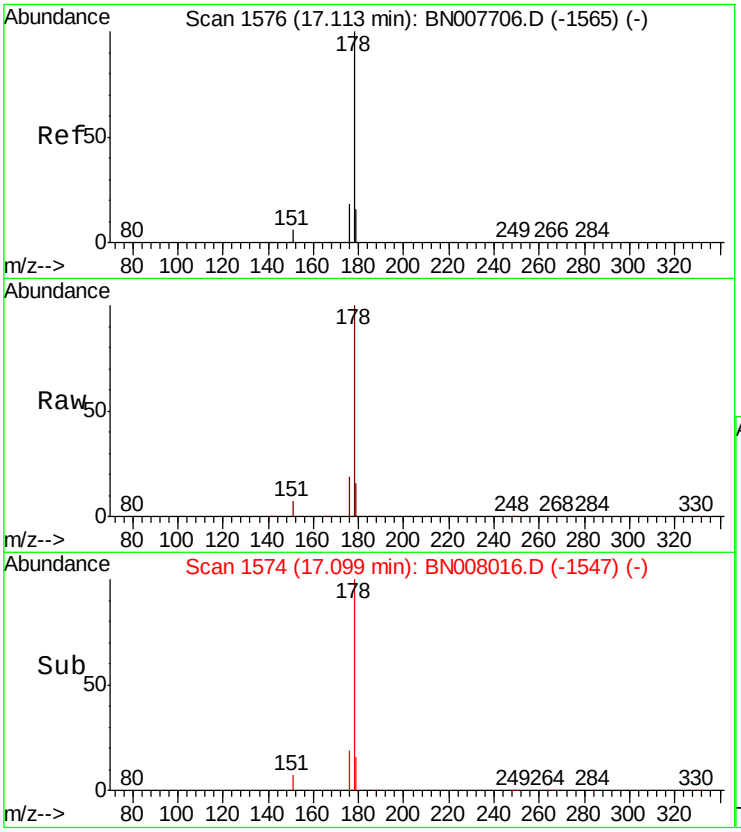


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:188 Resp: 134758

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	7.4	11.2



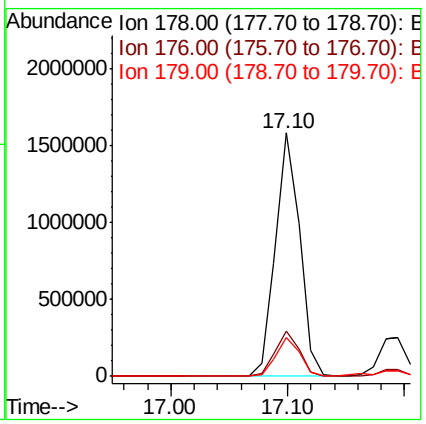


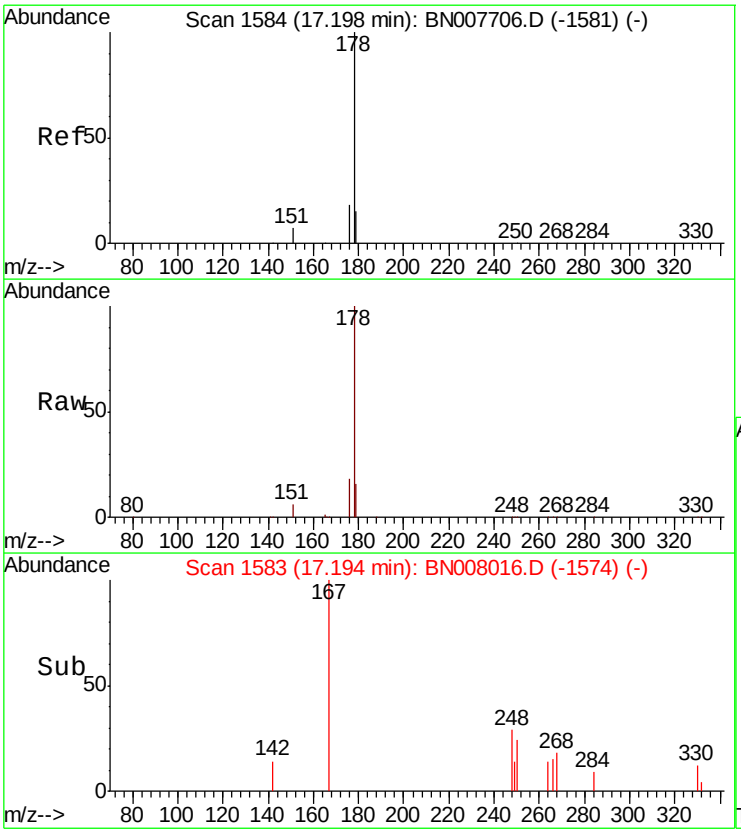
#23
Phenanthrene
Concen: 5.431 ng
RT: 17.10 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2279741

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.9	12.5	18.7

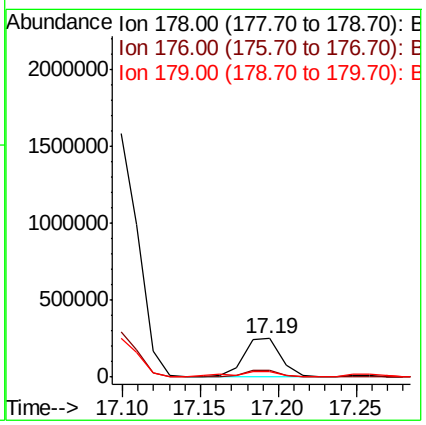


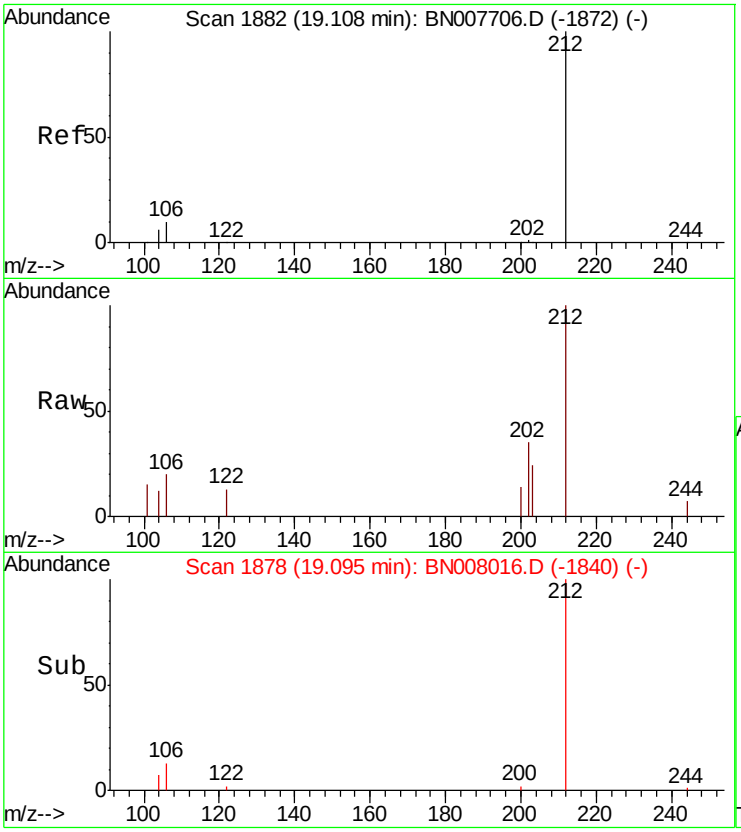


#24
Anthracene
Concen: 1.036 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:178 Resp: 392832

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	19.7	12.2	18.4#



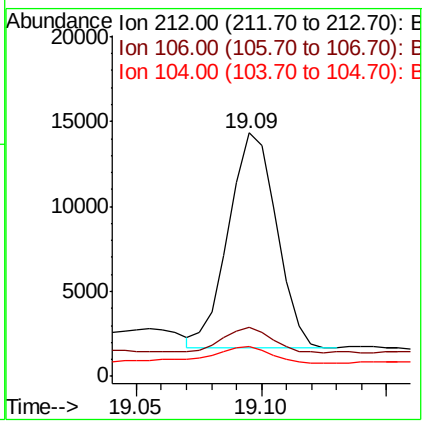


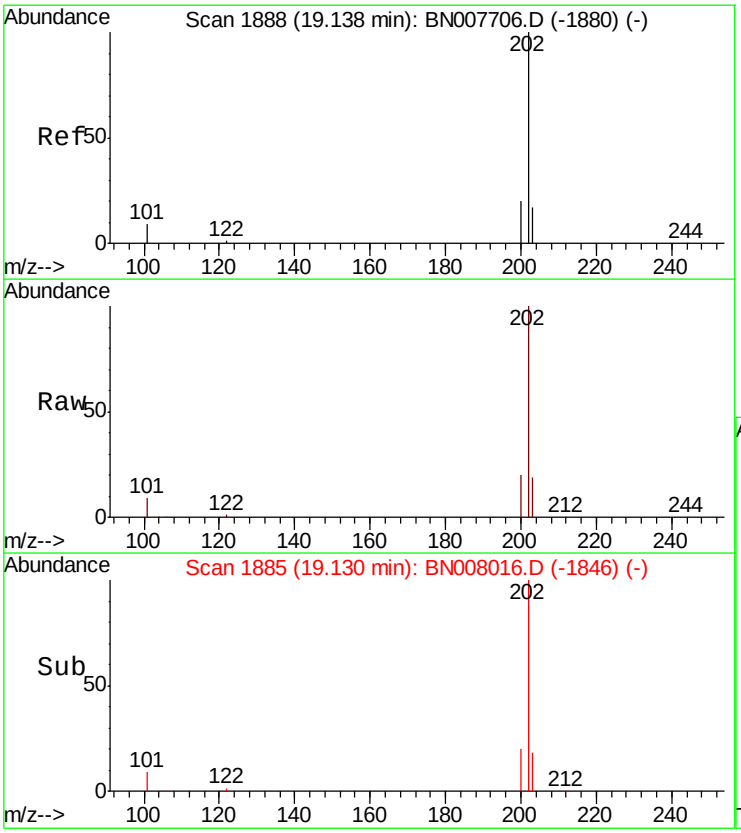
#25
Fluoranthene-d10
Concen: 0.037 ng
RT: 19.09 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 16695

Ion	Ratio	Lower	Upper
212	100		
106	11.7	9.4	14.0
104	11.3	5.3	7.9#

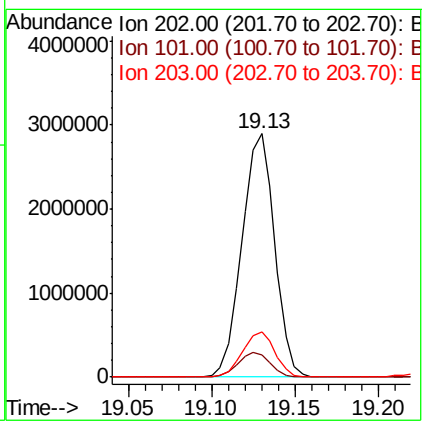


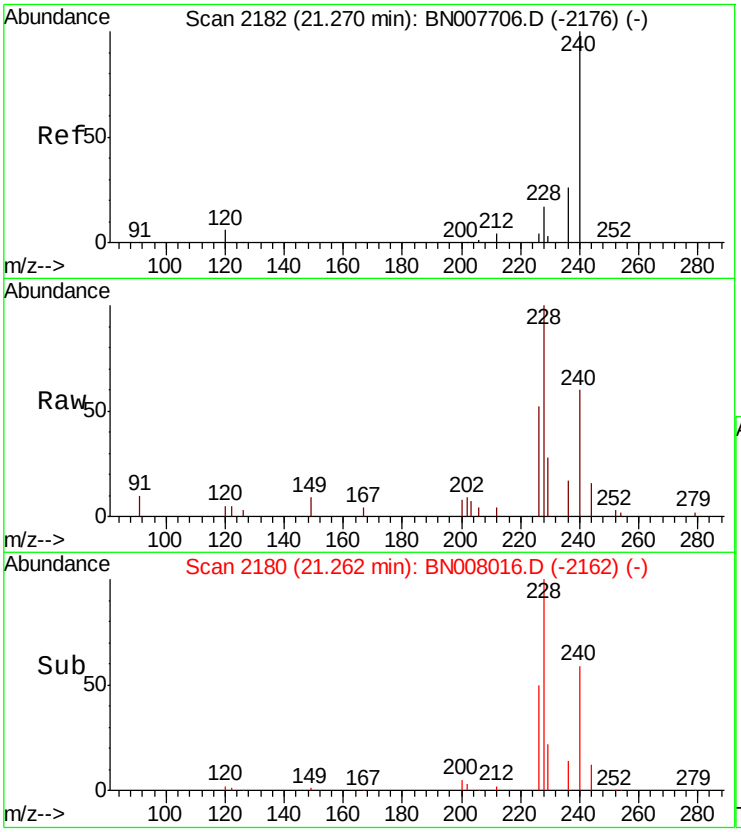


#26
Fluoranthene
Concen: 7.594 ng
RT: 19.13 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:202 Resp: 3964161

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.4	12.6
203	18.2	13.8	20.8



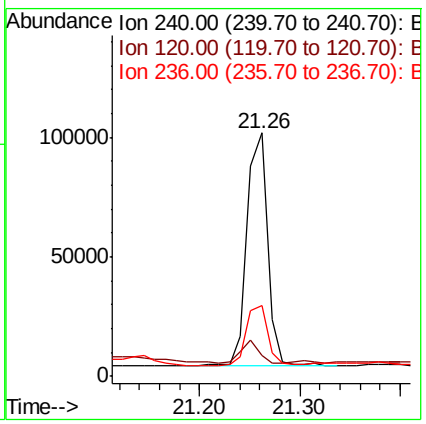


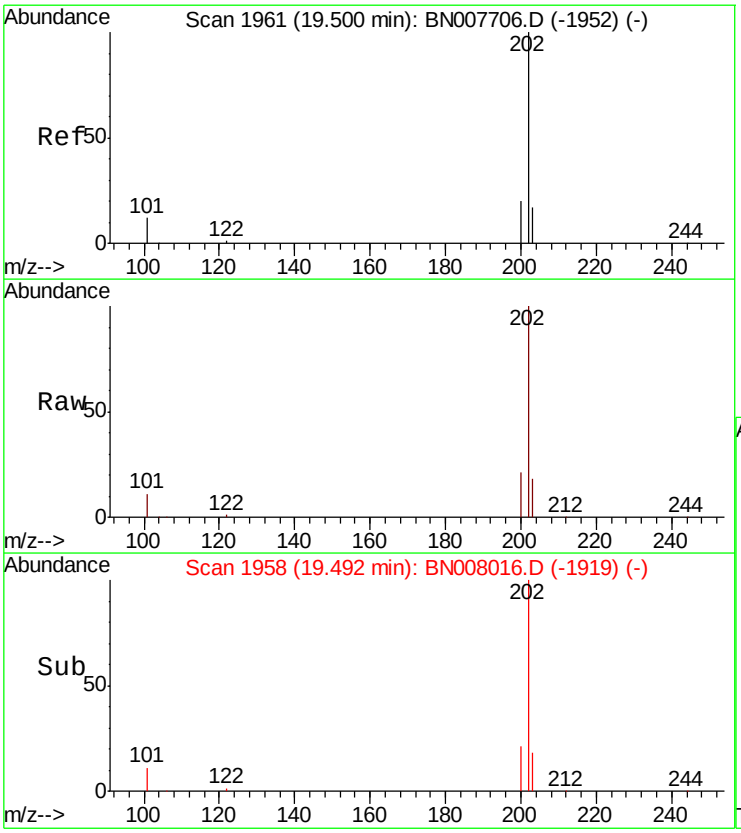
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 140994

Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.4	8.2#
236	29.1	21.0	31.4

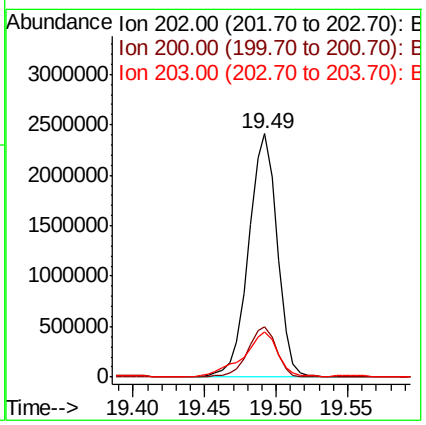


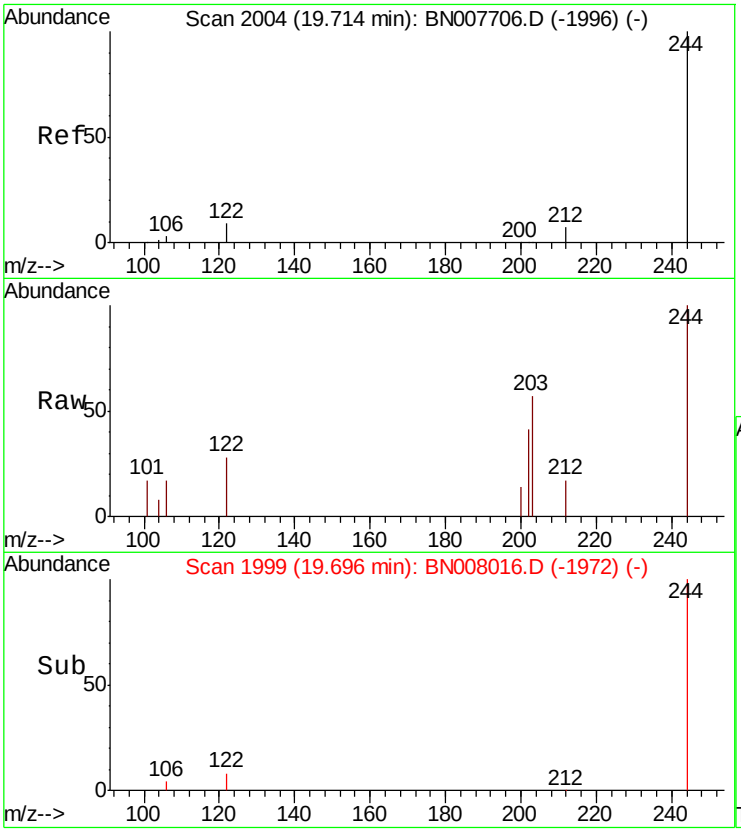


#28
Pyrene
Concen: 6.997 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:202 Resp: 3364660

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.4	24.6
203	22.0	14.1	21.1#



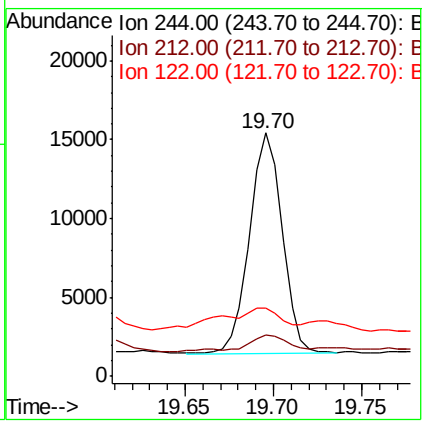


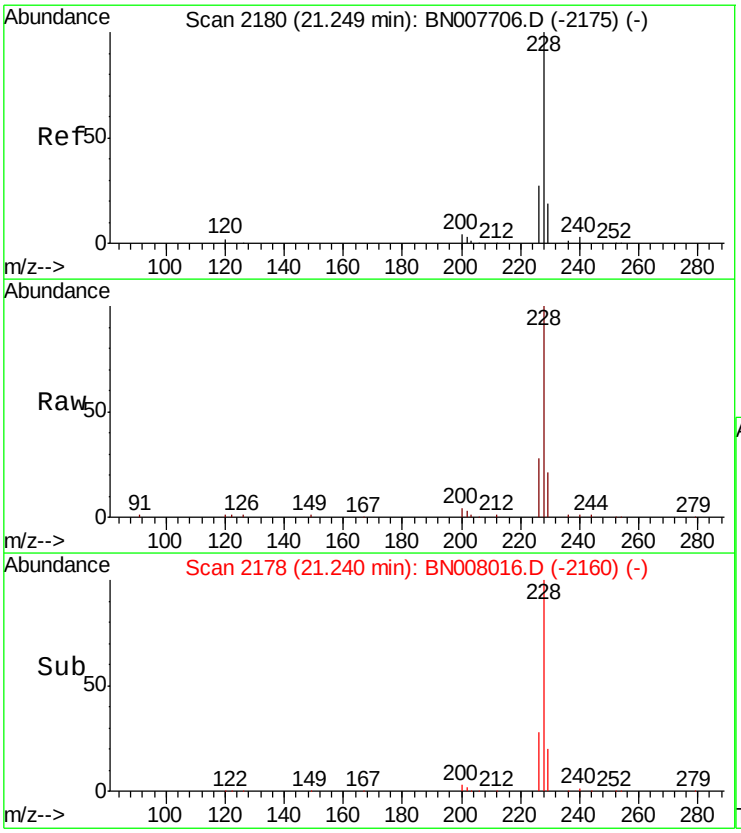
#29
Terphenyl-d14
Concen: 0.052 ng
RT: 19.70 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 17919

Ion	Ratio	Lower	Upper
244	100		
212	16.8	5.9	8.9#
122	27.8	7.4	11.2#

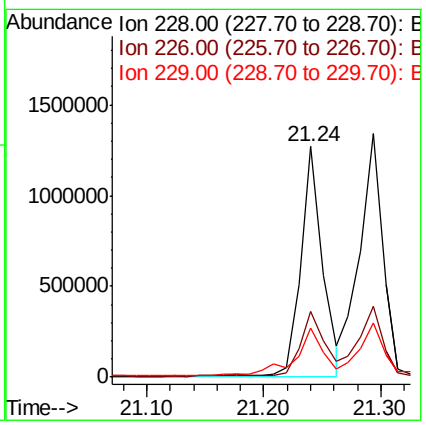


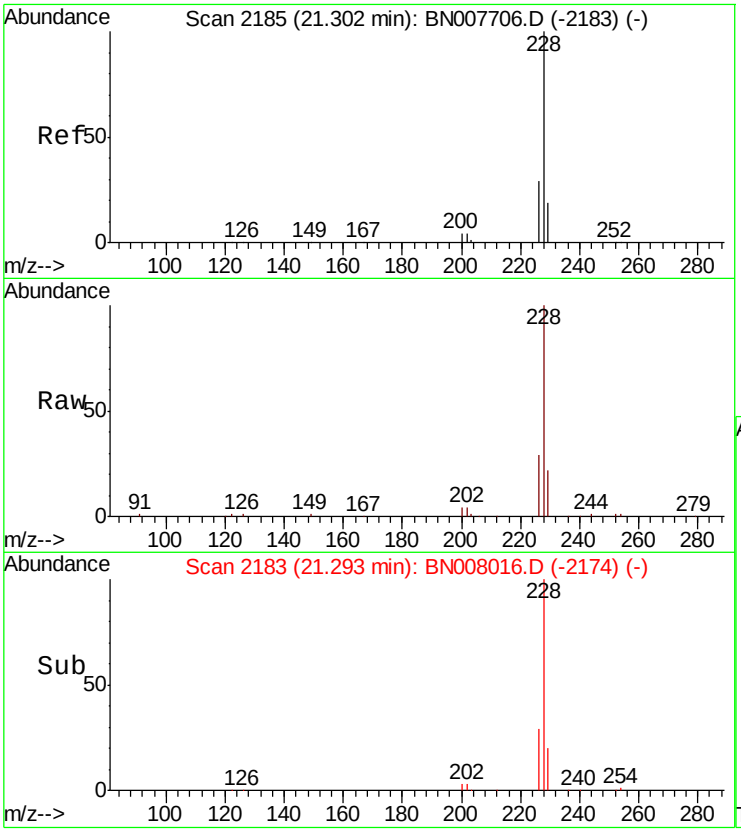


#30
Benzo(a)anthracene
Concen: 3.160 ng
RT: 21.24 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:228 Resp: 1640498

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	21.2	15.8	23.6



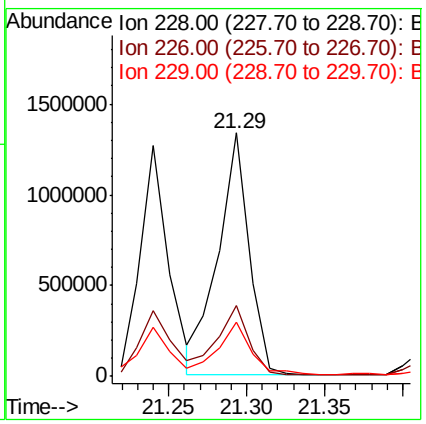


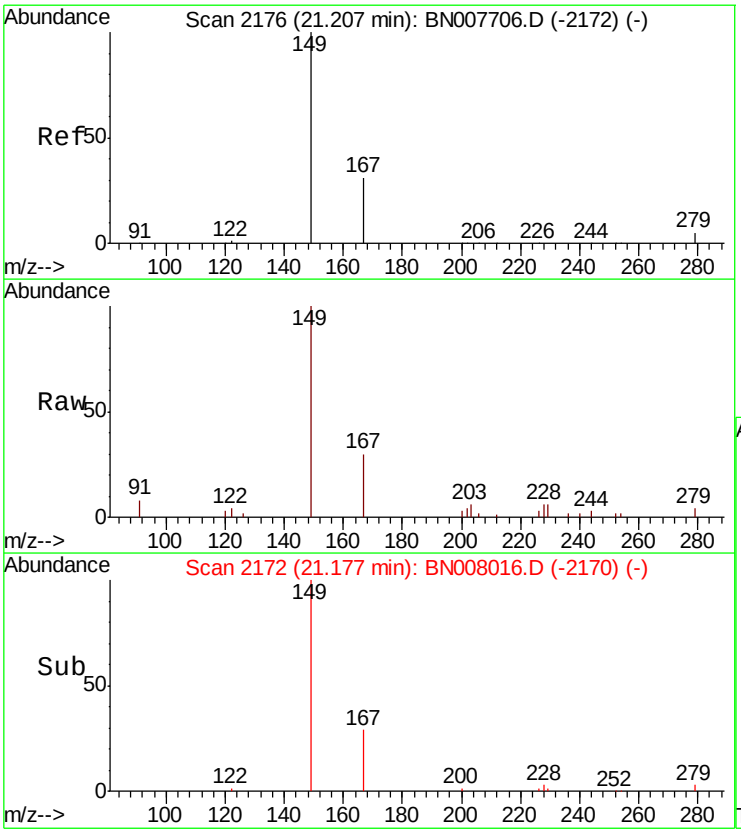
#31
Chrysene
Concen: 3.644 ng
RT: 21.29 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1843789

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	22.5	15.8	23.6

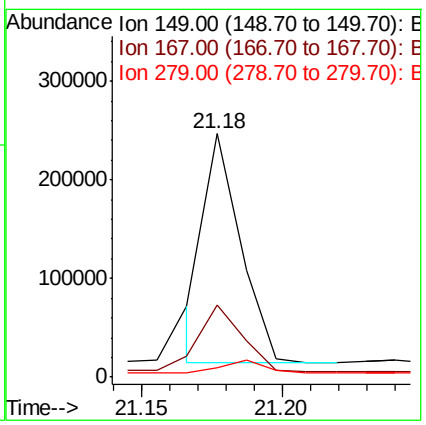


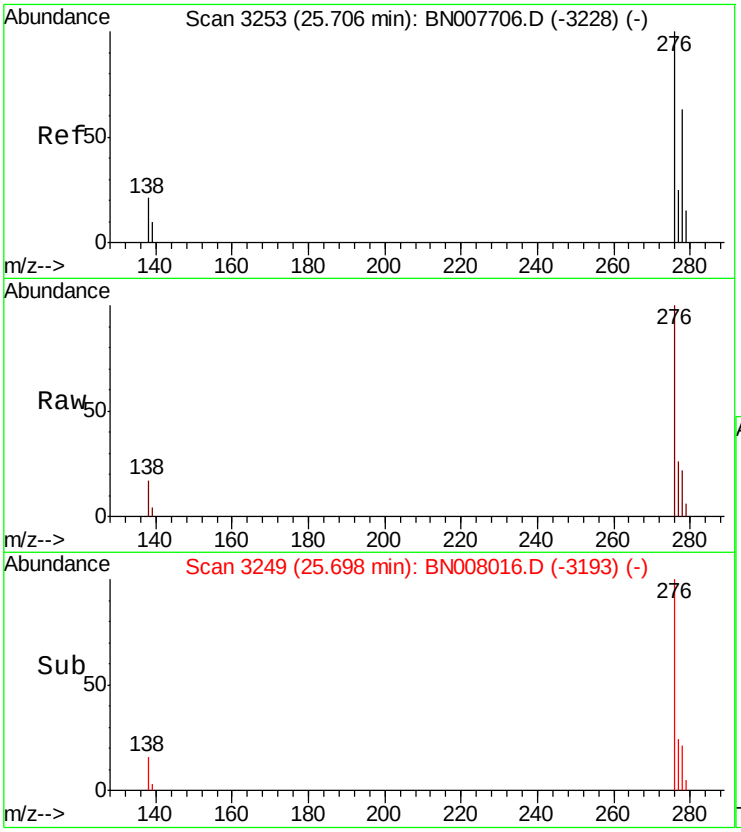


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.789 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:149 Resp: 210769

Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.7	35.5
279	6.5	4.2	6.2#



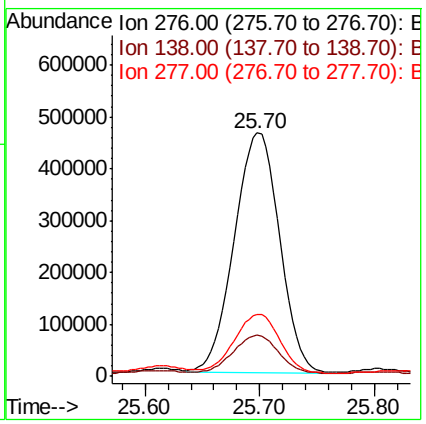


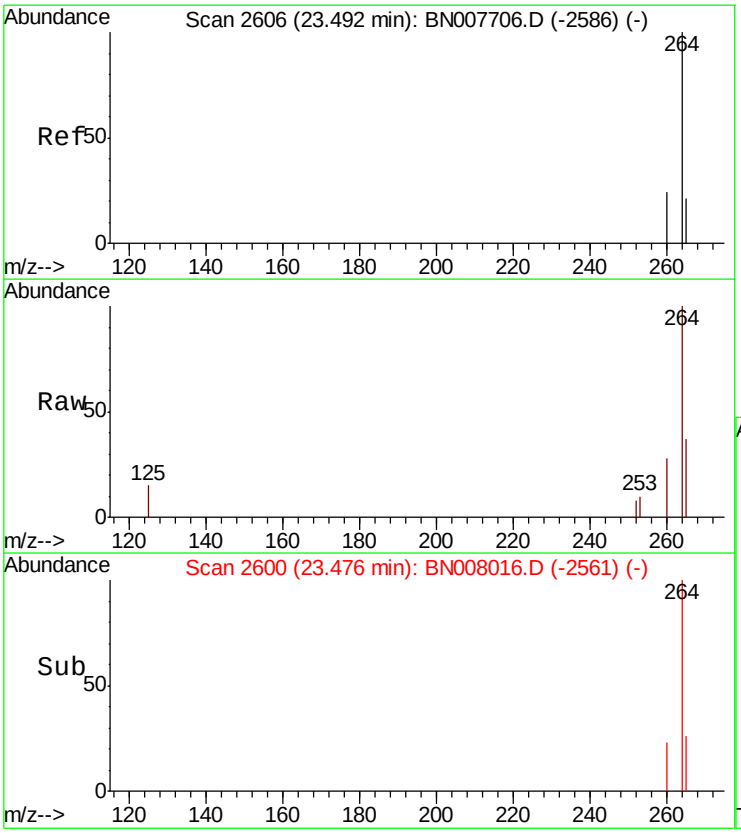
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.004 ng
RT: 25.70 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1269352

Ion	Ratio	Lower	Upper
276	100		
138	15.9	17.1	25.7#
277	24.6	20.0	30.0

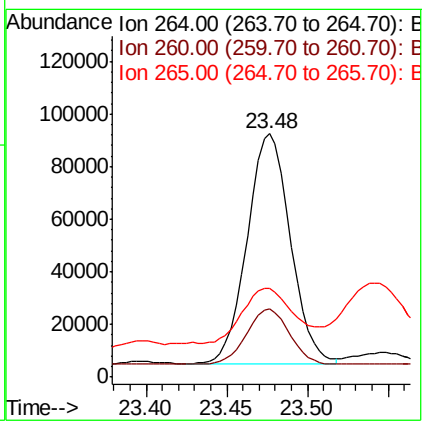


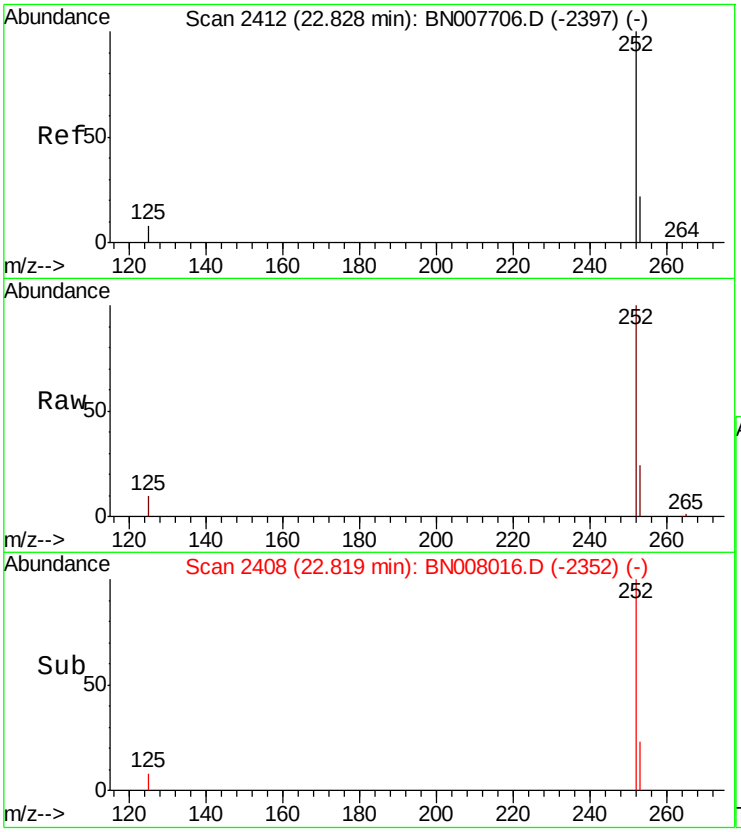


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:264 Resp: 162150

Ion	Ratio	Lower	Upper
264	100		
260	27.8	19.3	28.9
265	36.5	26.9	40.3



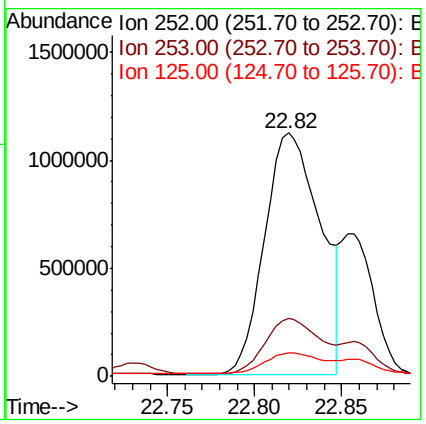


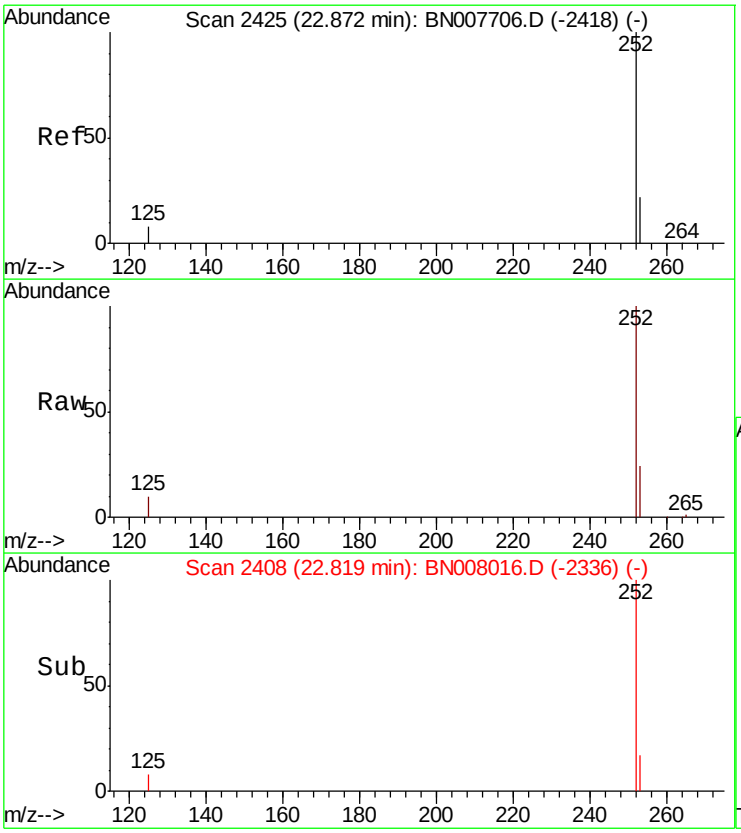
#35
Benzo(b)fluoranthene
Concen: 4.450 ng
RT: 22.82 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2505153

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.3	27.5
125	9.5	8.2	12.4

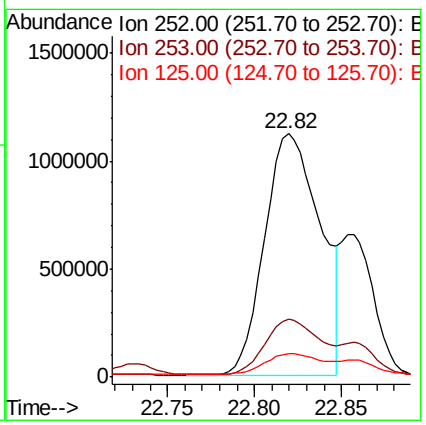


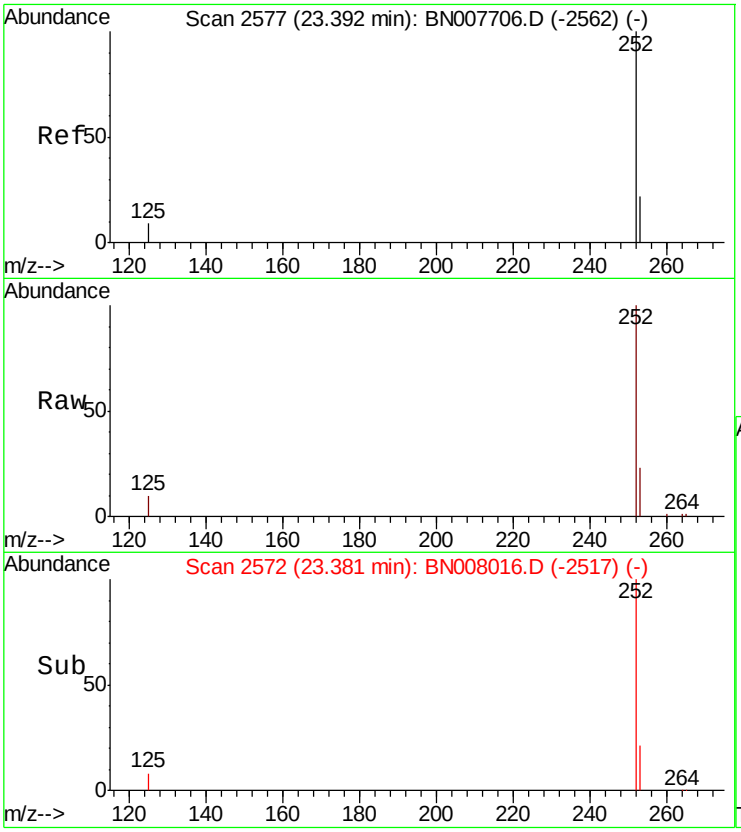


#36
Benzo(k)fluoranthene
Concen: 4.500 ng
RT: 22.82 min Scan# 2408
Delta R.T. -0.05 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:252 Resp: 2505153

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	9.5	8.4	12.6



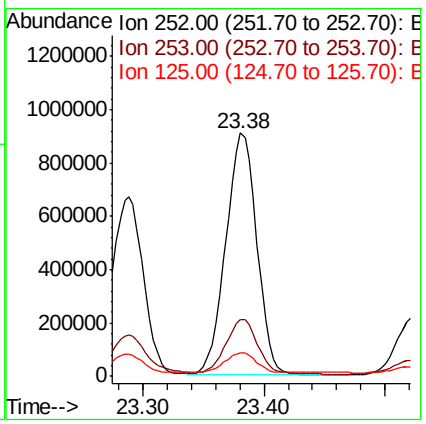


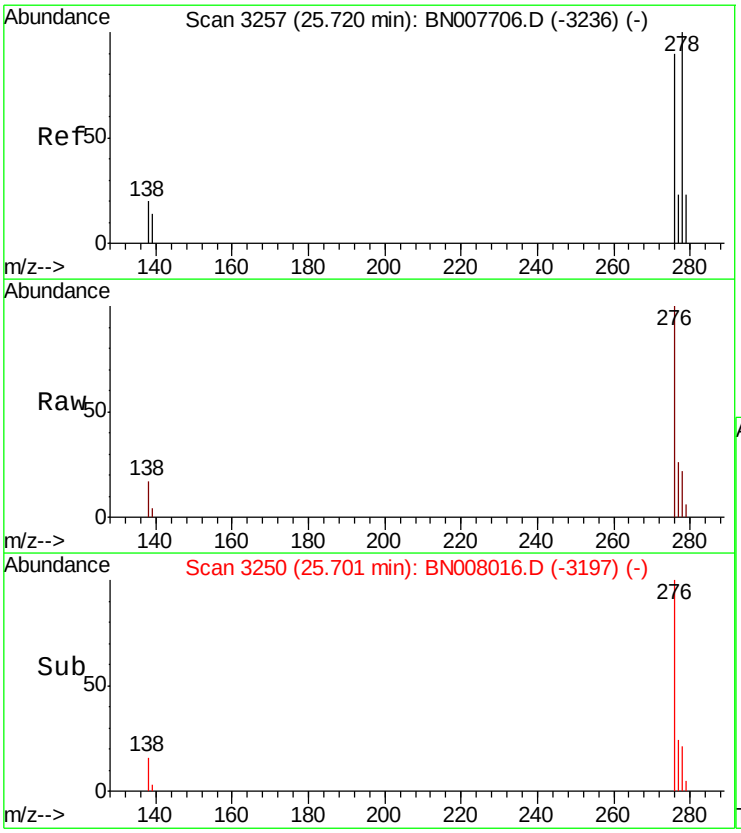
#37
Benzo(a)pyrene
Concen: 3.025 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1600258

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	9.9	9.4	14.0

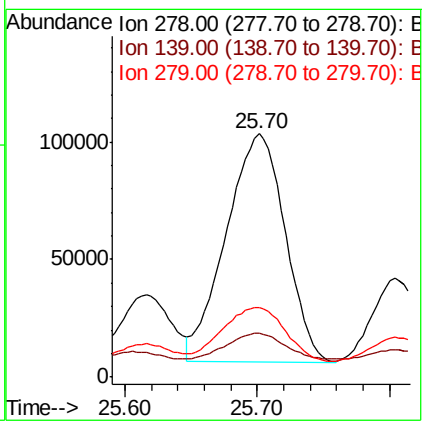


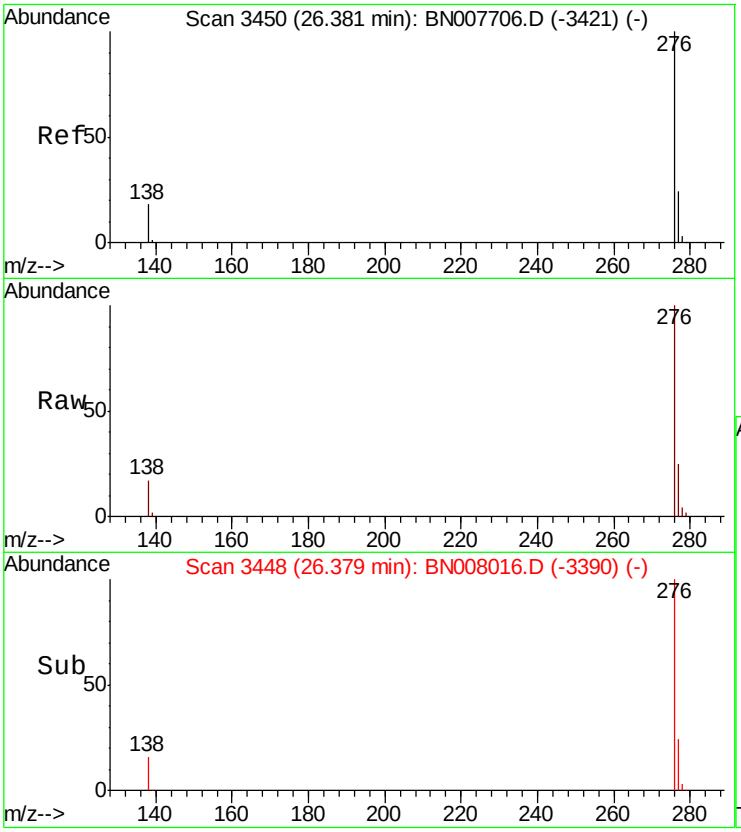


#38
Dibenzo(a,h)anthracene
Concen: 0.560 ng
RT: 25.70 min Scan# 3250
Delta R.T. -0.02 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Tgt Ion:278 Resp: 303293

Ion	Ratio	Lower	Upper
278	100		
139	18.1	11.8	17.6#
279	28.7	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 2.261 ng
RT: 26.38 min Scan# 3448
Delta R.T. -0.00 min
Lab File: BN008016.D
Acq: 04 Oct 2019 22:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1211007

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	17.2	15.1	22.7