Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

Quantitation Report (Not Reviewed)

Data File : BN007916.D
Acq On : 01 Oct 2019 03:59
Operator : JU
Sample : K5078-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-024-SW071-092619

Quant Time: Oct 01 07:48:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	7073	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	26524	0.40	ng		-0.01
13) Acenaphthene-d10	14.32	164	15239	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	32208	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	36335	0.40	ng		-0.02
34) Perylene-d12	23.47	264	40547	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	5405	0.22	ng		0.00
5) Phenol-d6	6.87	99	7037	0.23	ng		0.00
8) Nitrobenzene-d5	8.83	82	6050	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	11241	0.25	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2022	0.24	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	15325	0.24	ng		0.00
25) Fluoranthene-d10	19.10	212	28899	0.27	ng		-0.01
29) Terphenyl-d14	19.70	244	23541	0.26	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.00	42	10194	2.823	ng	#	77
9) Naphthalene	10.51	128	1544	0.021	ng	#	73
12) 2-Methylnaphthalene	12.13	142	1038	0.021	ng	#	83
16) Acenaphthylene	14.03	152	22241	0.275	ng		99
17) Acenaphthene	14.38	154	4373	0.084	ng		97
18) Fluorene	15.37	166	6941	0.104	ng		91
23) Phenanthrene	17.10	178	172491	1.719	ng		100
24) Anthracene	17.19	178	25704	0.284	ng	#	96
26) Fluoranthene	19.12	202	439066	3.519	ng		100
28) Pyrene	19.49	202	368303	2.972	ng	#	96
30) Benzo(a)anthracene	21.24	228	177657	1.328	ng		95
31) Chrysene	21.29	228	215566	1.653	ng		97
32) Bis(2-ethylhexyl)phthalate	21.19	149	24812	0.361	ng		97
33) Indeno(1,2,3-cd)pyrene	25.68	276	154325	0.945	ng		96
35) Benzo(b)fluoranthene	22.81	252	292972	2.081	ng		97
36) Benzo(k)fluoranthene	22.81	252	292972	2.105	ng		98
37) Benzo(a)pyrene	23.37	252	187485	1.417	ng		97
38) Dibenzo(a,h)anthracene	25.69	278	34940	0.258	ng	#	78
39) Benzo(g,h,i)perylene	26.36	276	154779	1.156	ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

Quantitation Report (Not Reviewed)

Data File : BN007916.D
Acq On : 01 Oct 2019 03:59
Operator : JU
Sample : K5078-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Quant Time: Oct 01 07:48:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
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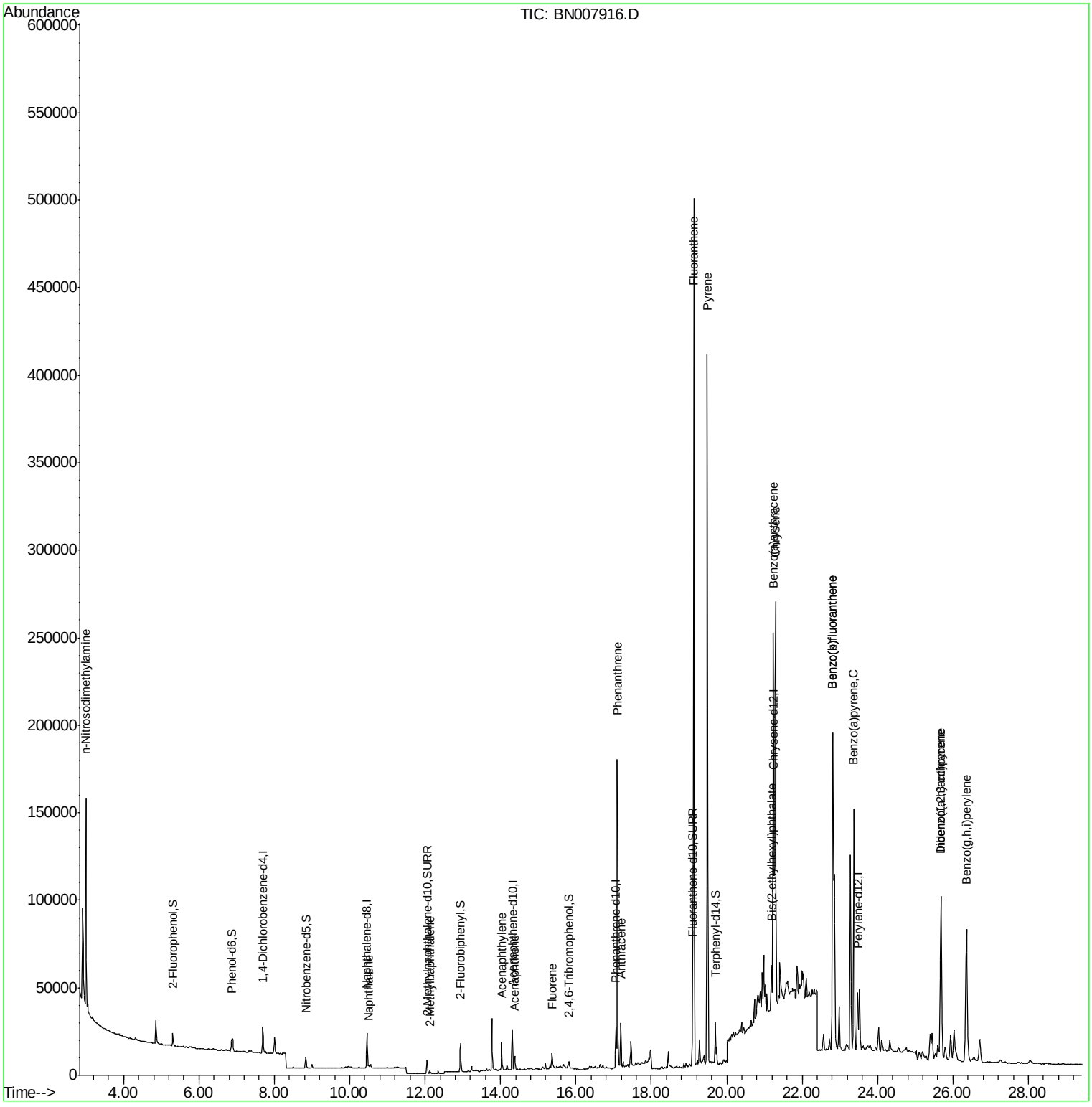
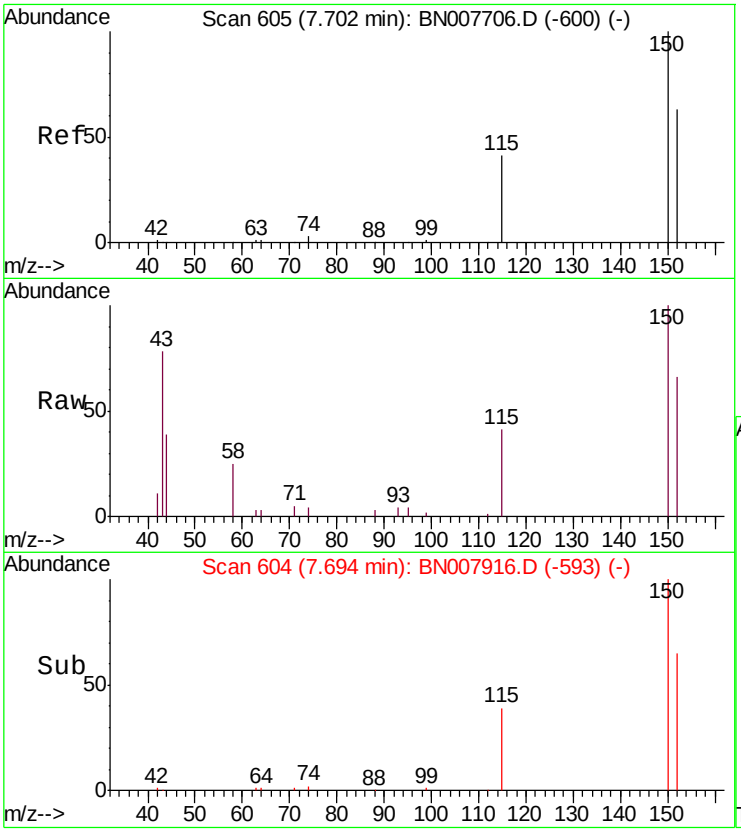


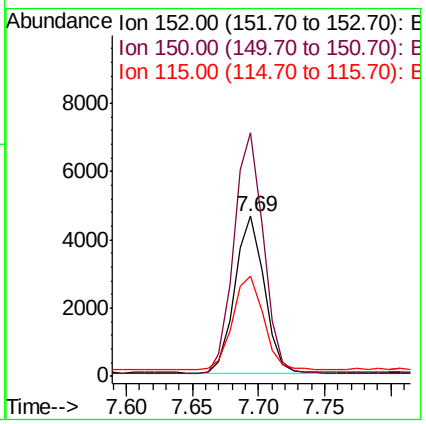


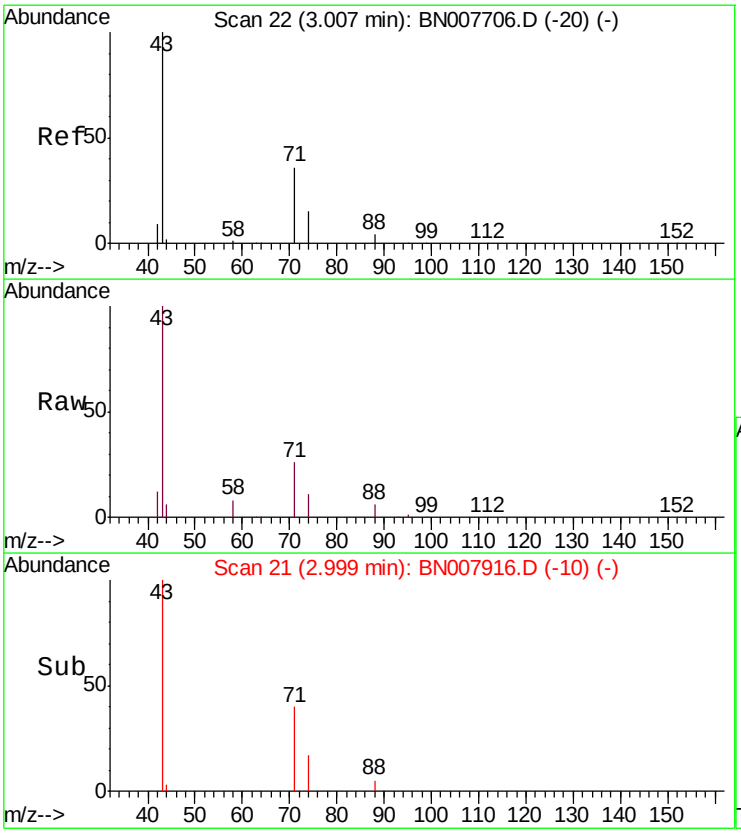
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:152 Resp: 7073

Ion	Ratio	Lower	Upper
152	100		
150	152.3	125.6	188.4
115	63.1	53.3	79.9

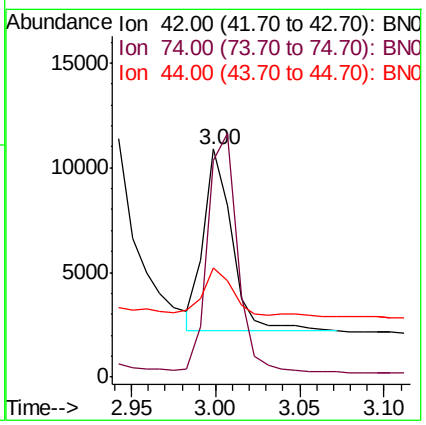


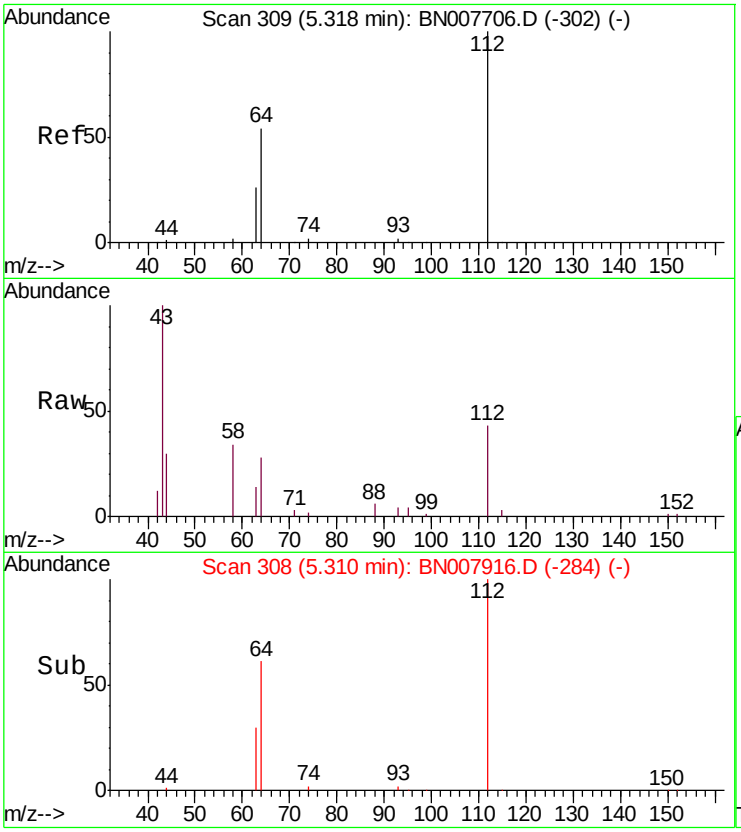


#3
n-Nitrosodimethylamine
Concen: 2.823 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion: 42 Resp: 10194

Ion	Ratio	Lower	Upper
42	100		
74	136.4	87.9	131.9#
44	25.6	29.4	44.0#



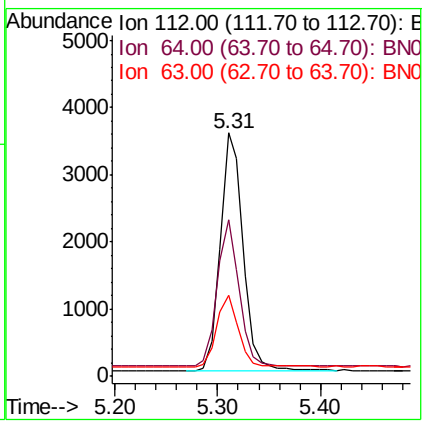


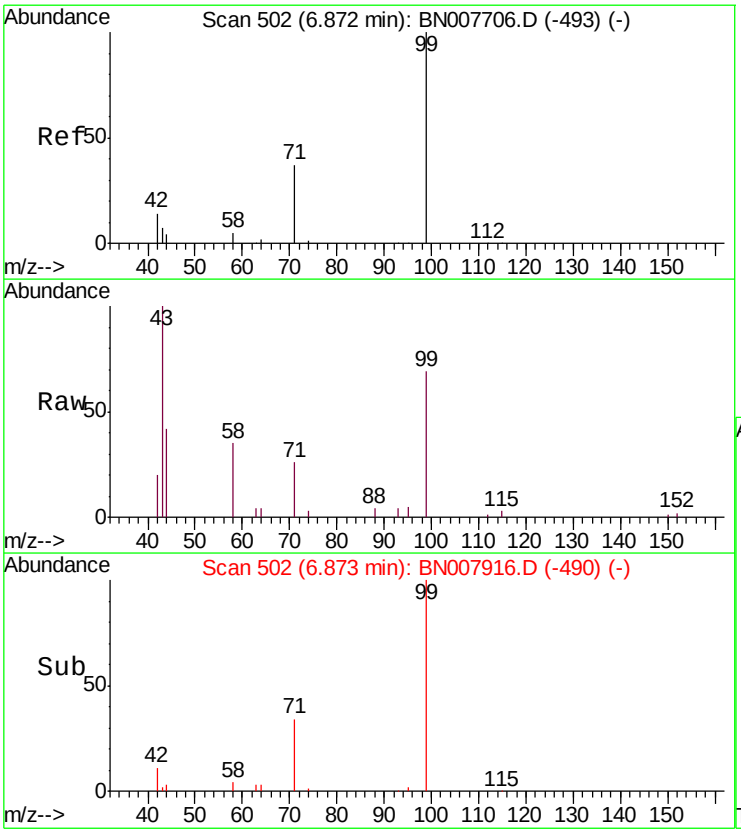
#4
2-Fluorophenol
Concen: 0.222 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:112 Resp: 5405

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	70.0
63	29.4	23.1	34.7

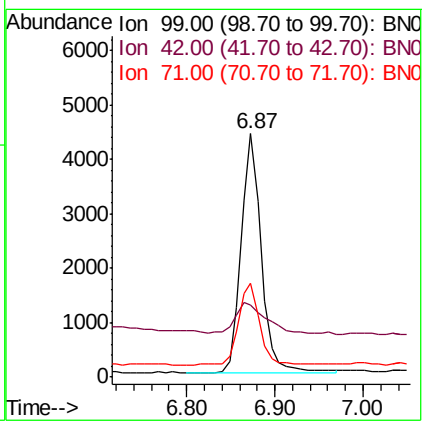


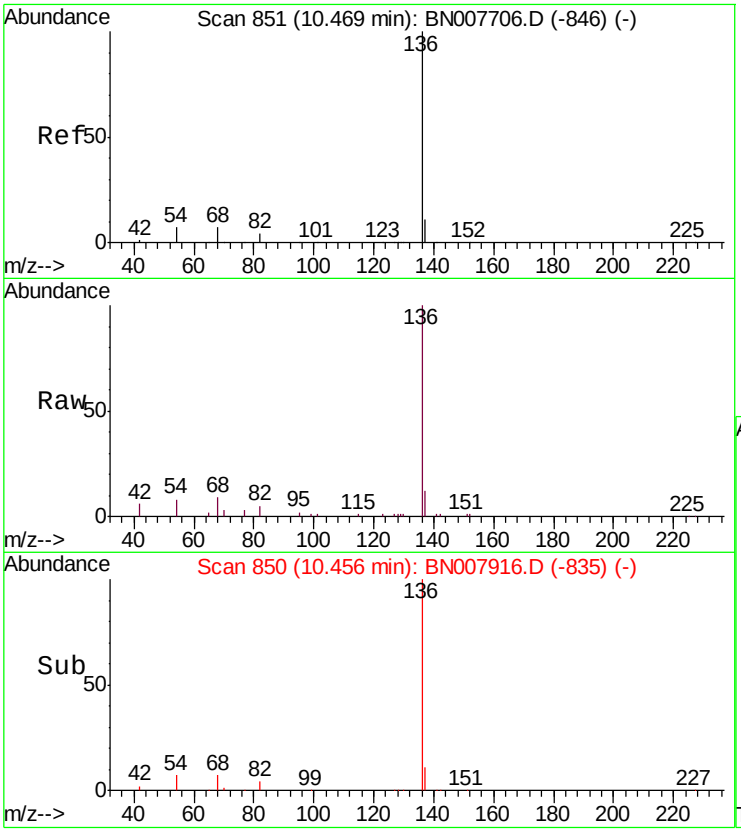


#5
Phenol-d6
Concen: 0.229 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion: 99 Resp: 7037

Ion	Ratio	Lower	Upper
99	100		
42	19.6	12.8	19.2#
71	37.3	27.6	41.4



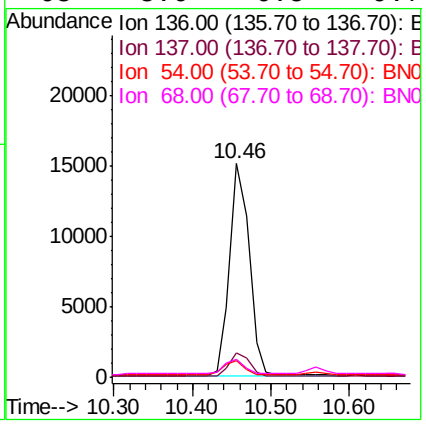


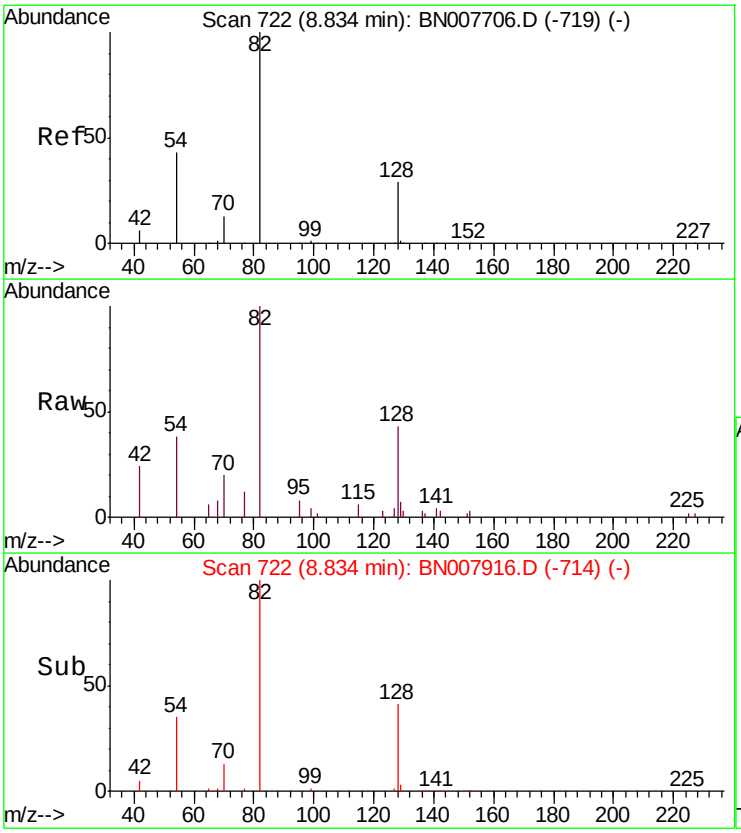
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:136 Resp: 26524

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.7	5.8	8.8
68	8.6	6.5	9.7

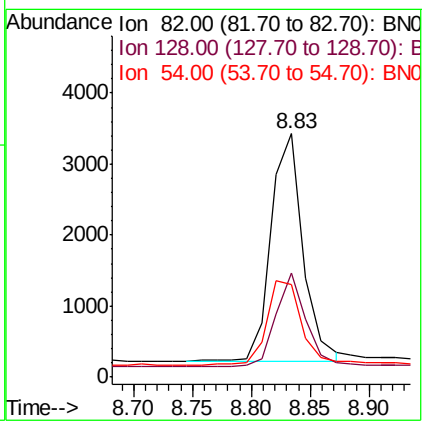


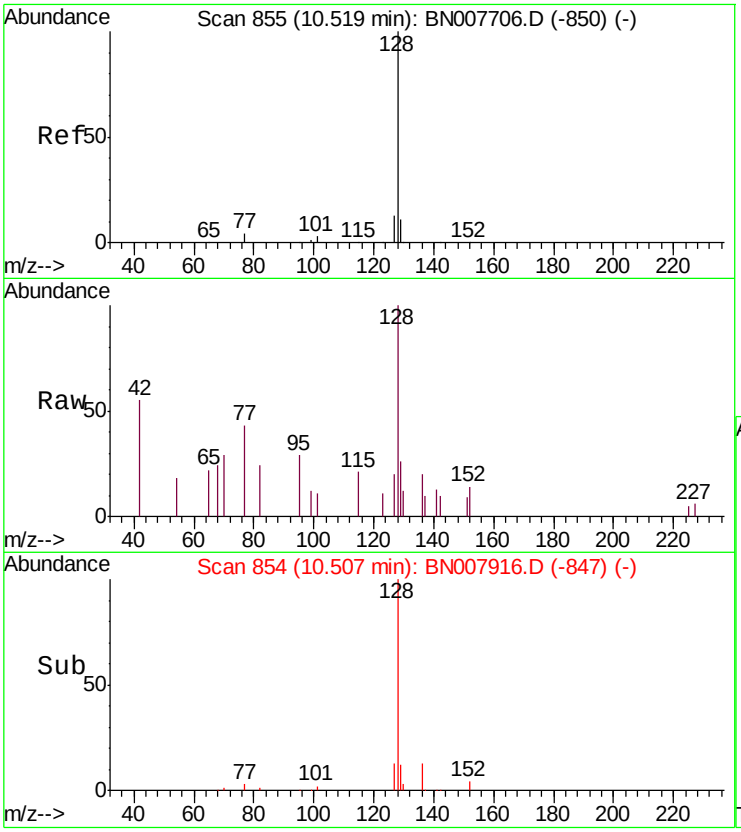


#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion: 82 Resp: 6050

Ion	Ratio	Lower	Upper
82	100		
128	42.8	24.5	36.7#
54	37.8	35.2	52.8



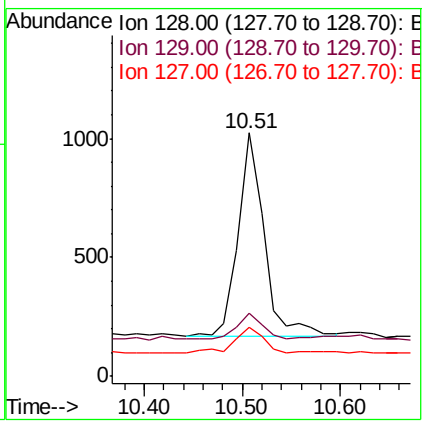


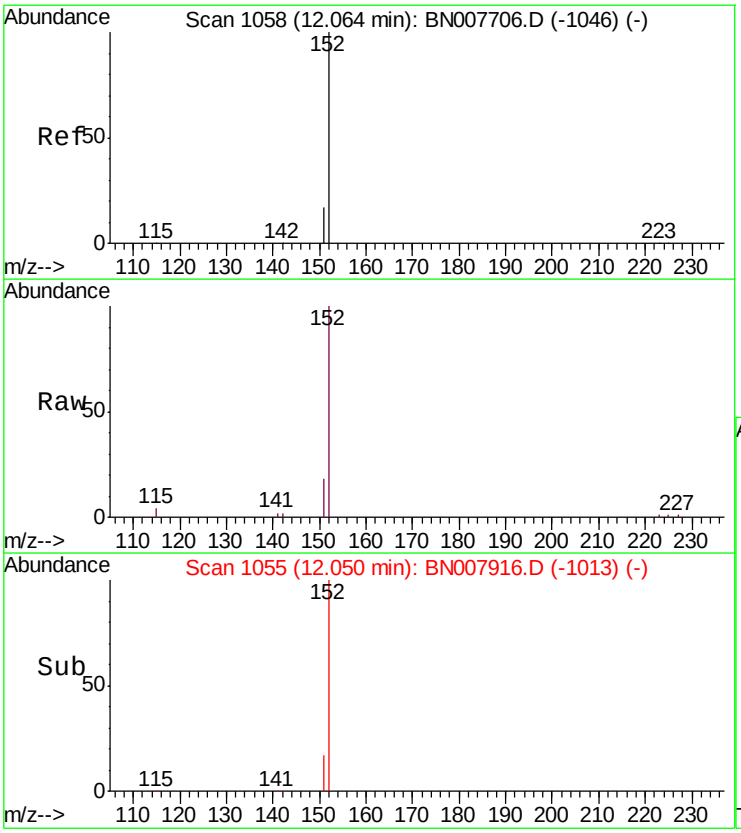
#9
Naphthalene
Concen: 0.021 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:128 Resp: 1544

Ion	Ratio	Lower	Upper
128	100		
129	25.8	9.1	13.7#
127	20.0	10.6	15.8#

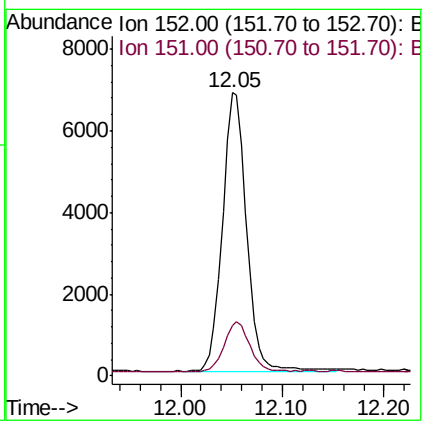


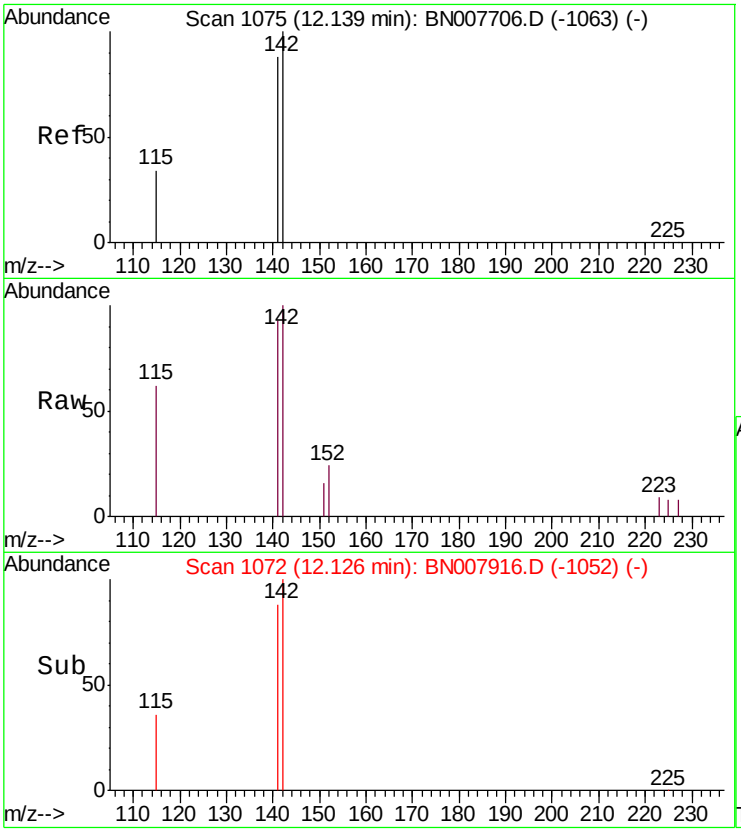


#11
2-Methylnaphthalene-d10
Concen: 0.252 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:152 Resp: 11241

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.2



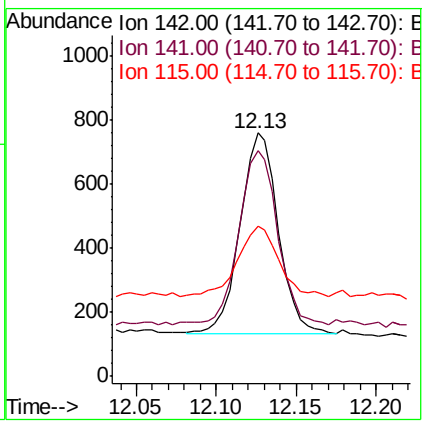


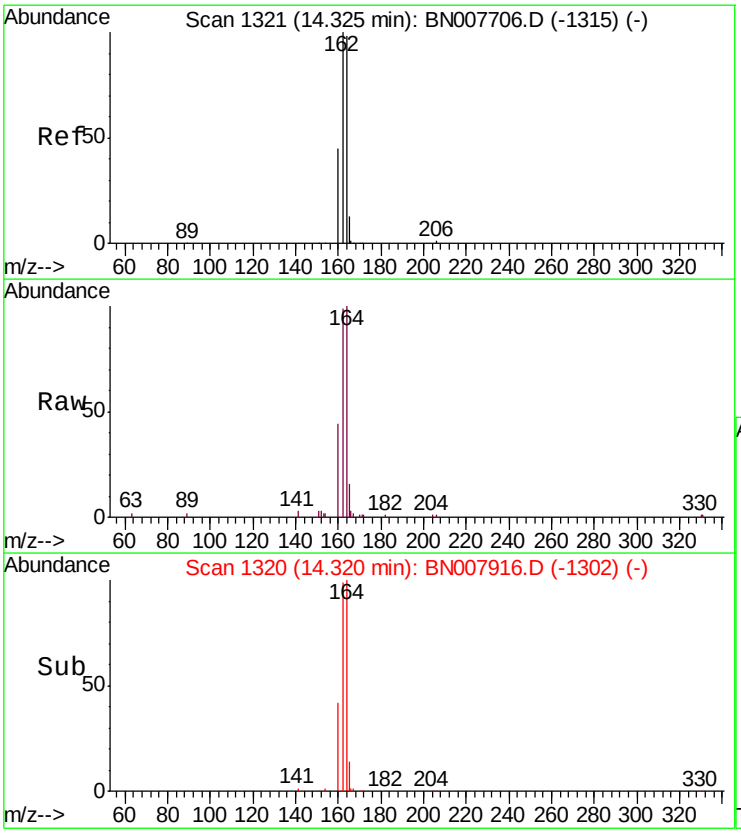
#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:142 Resp: 1038

Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.6	106.0
115	61.9	28.3	42.5#

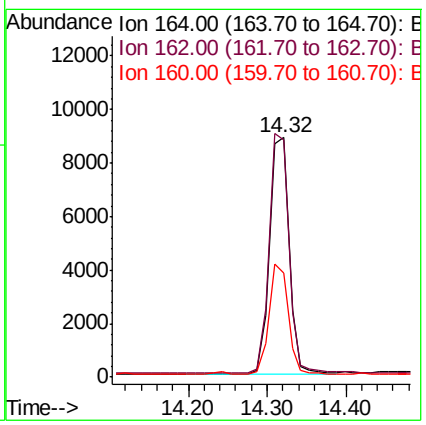


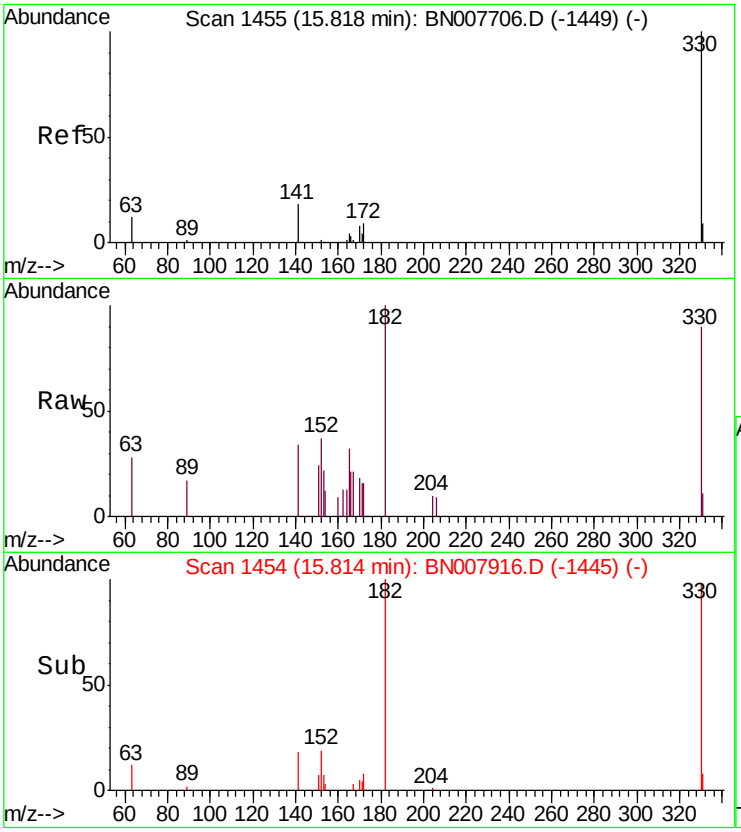


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:164 Resp: 15239

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.7	122.5
160	43.6	37.0	55.4



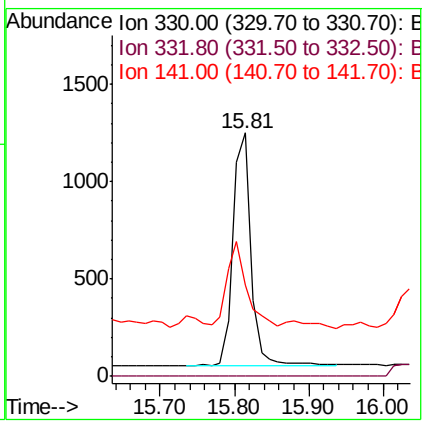


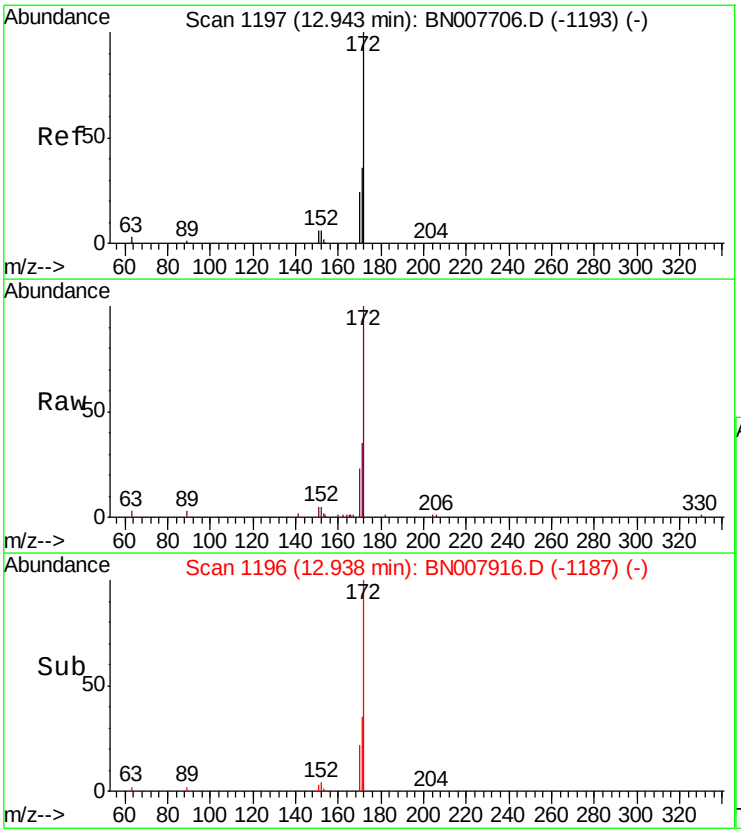
#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:330 Resp: 2022

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.8	28.7	43.1

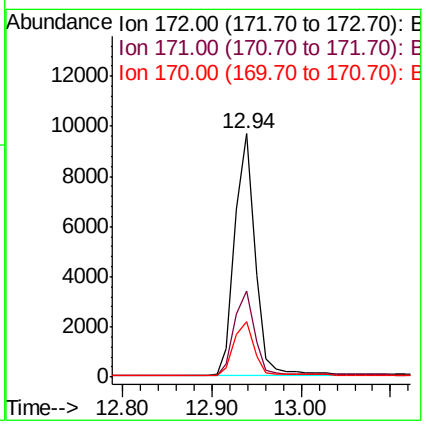


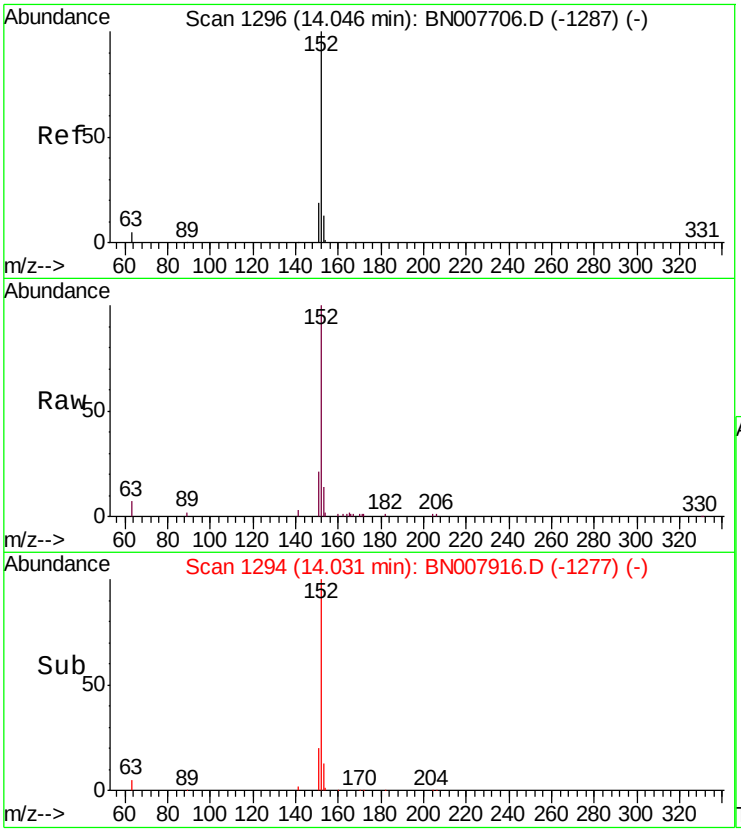


#15
2-Fluorobiphenyl
Concen: 0.244 ng
RT: 12.94 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:172 Resp: 15325

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	22.8	19.5	29.3



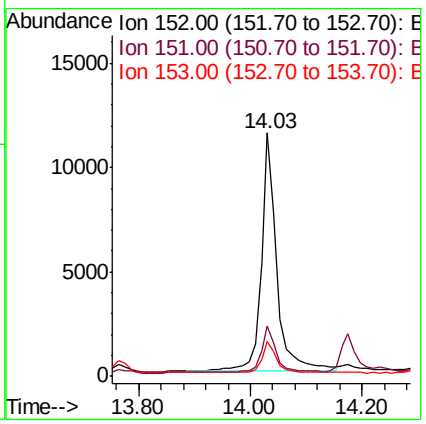


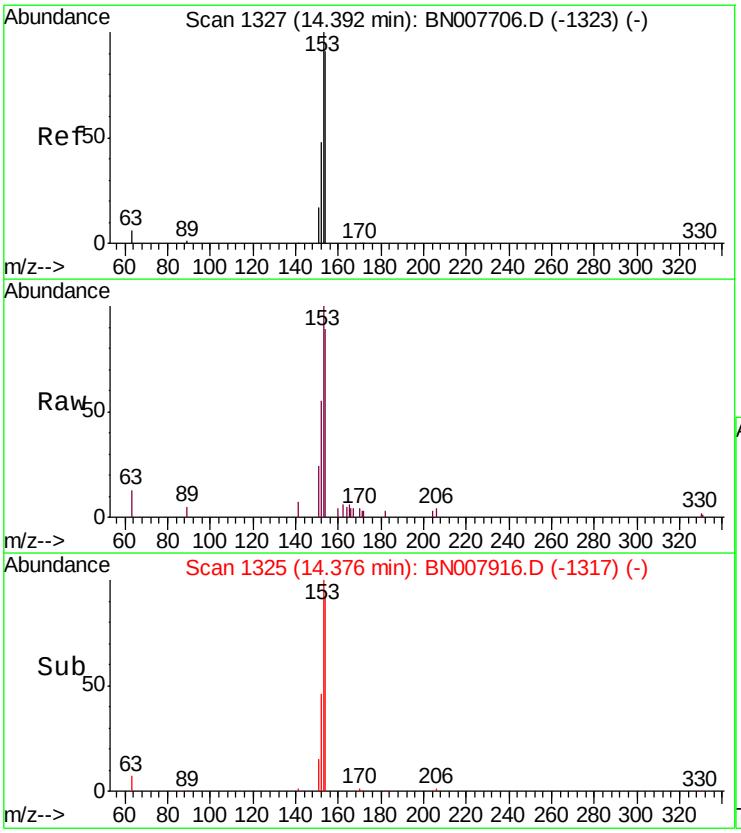
#16
Acenaphthylene
Concen: 0.275 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:152 Resp: 22241

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	12.2	10.4	15.6

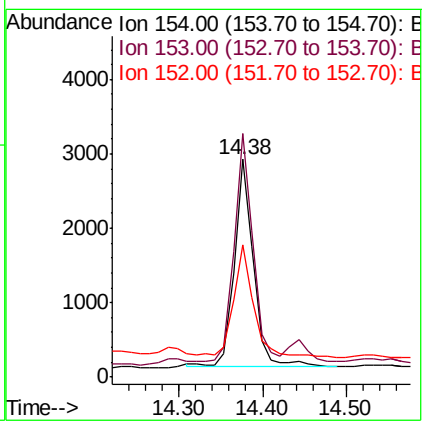


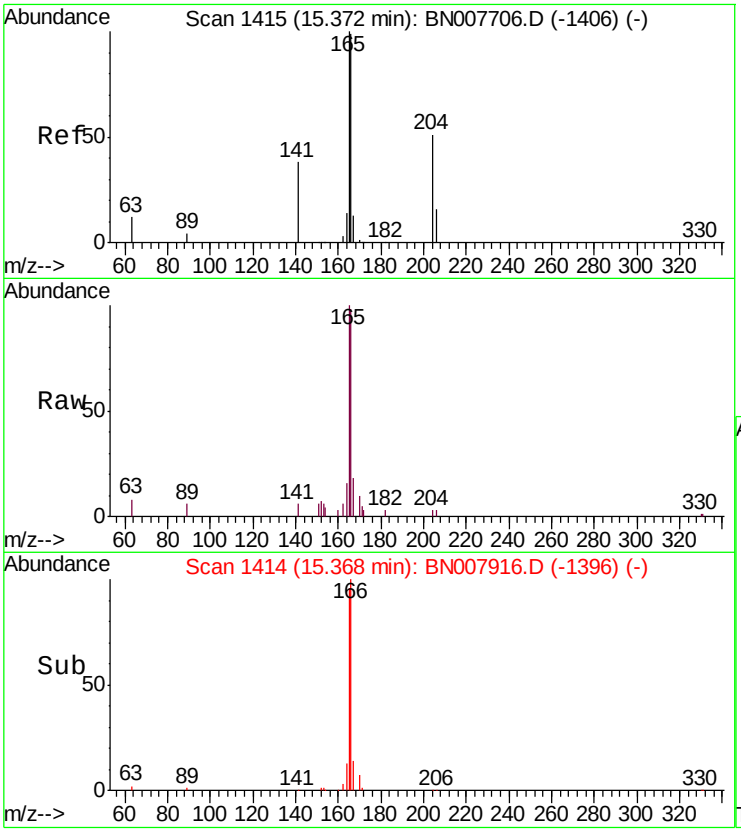


#17
Acenaphthene
Concen: 0.084 ng
RT: 14.38 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:154 Resp: 4373

Ion	Ratio	Lower	Upper
154	100		
153	108.5	87.0	130.4
152	58.8	42.7	64.1



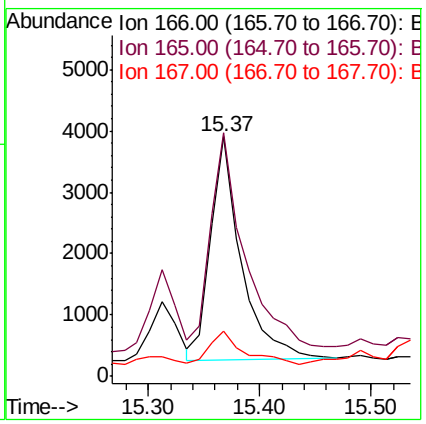


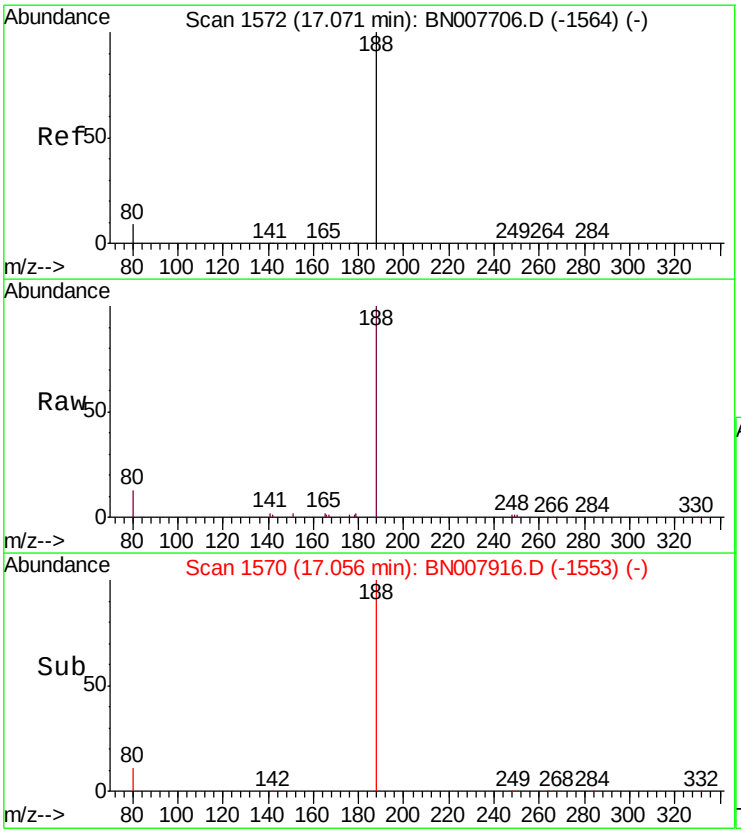
#18
Fluorene
Concen: 0.104 ng
RT: 15.37 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:166 Resp: 6941

Ion	Ratio	Lower	Upper
166	100		
165	106.8	78.0	117.0
167	15.5	10.9	16.3

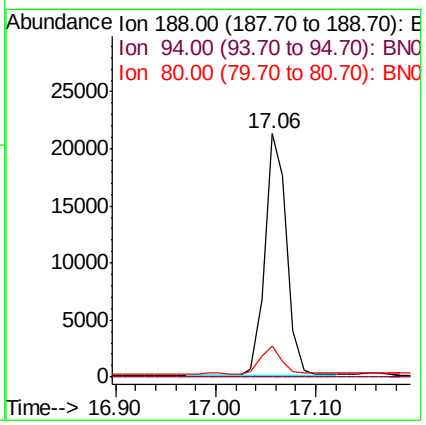


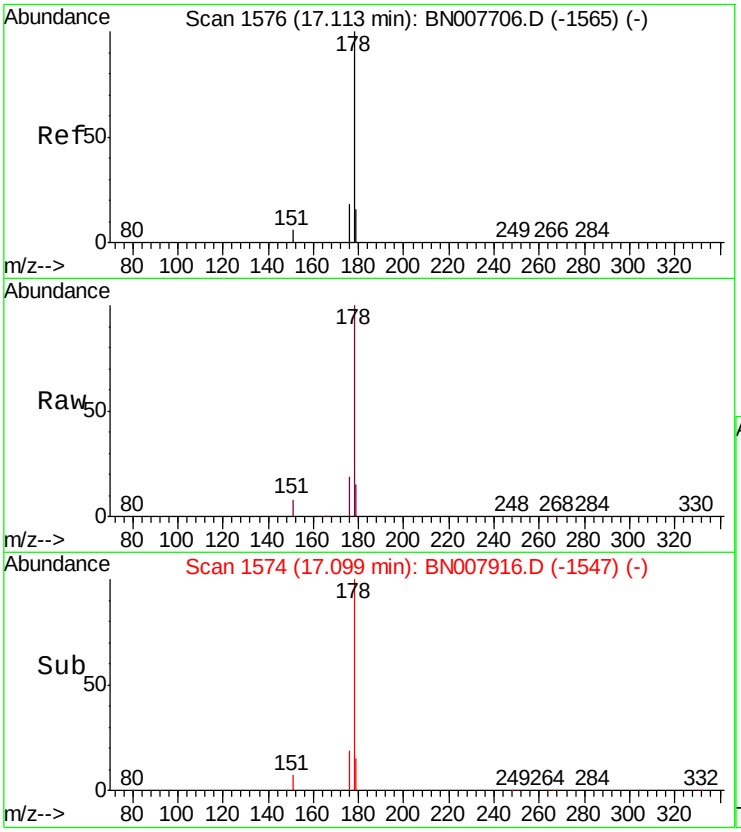


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:188 Resp: 32208

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.8	7.4	11.2#



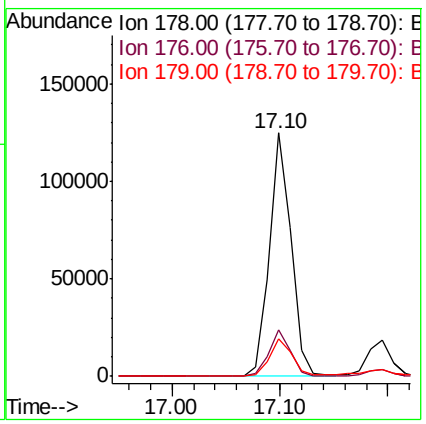


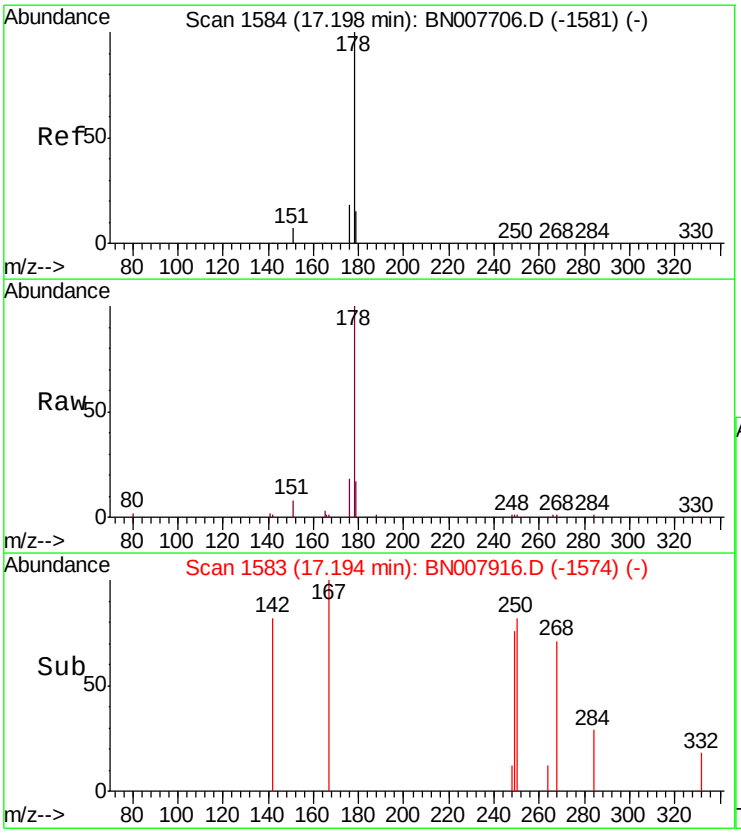
#23
Phenanthrene
Concen: 1.719 ng
RT: 17.10 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:178 Resp: 172491

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.5	18.7

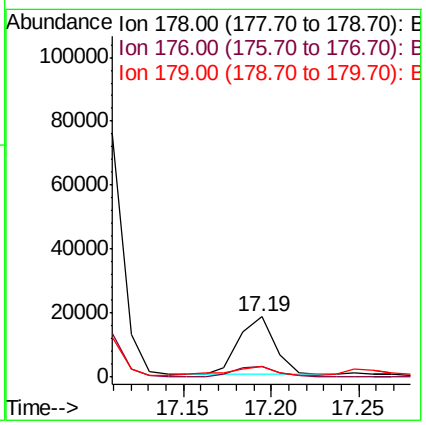


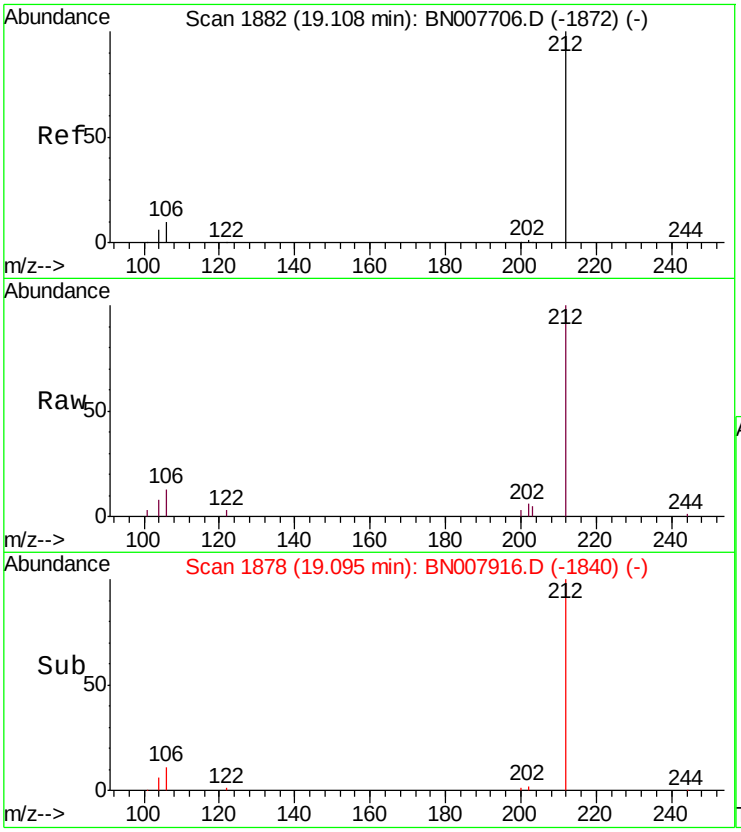


#24
Anthracene
Concen: 0.284 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:178 Resp: 25704

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	19.0	12.2	18.4#



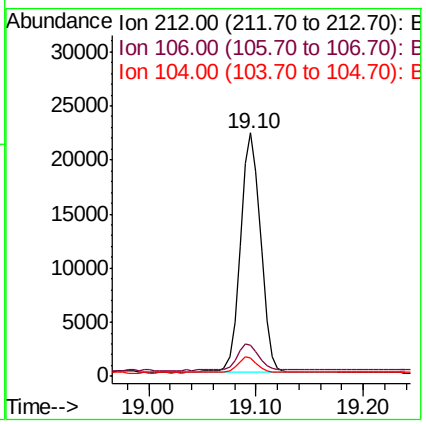


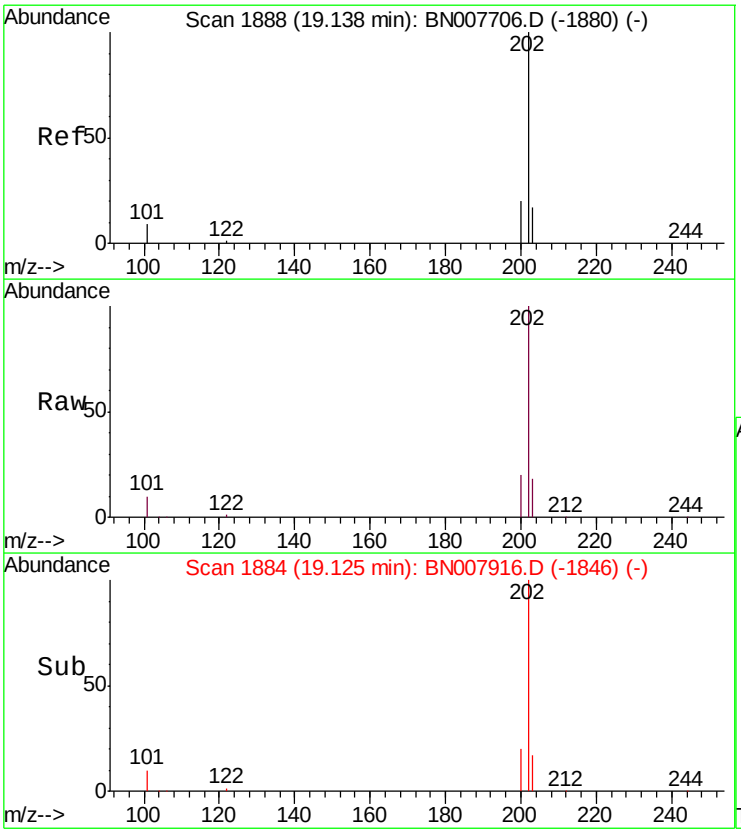
#25
Fluoranthene-d10
Concen: 0.266 ng
RT: 19.10 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:212 Resp: 28899

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.4	14.0
104	6.9	5.3	7.9

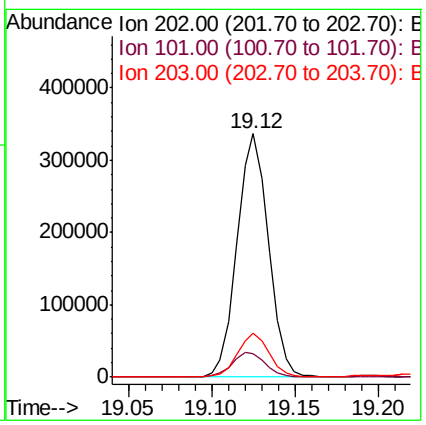


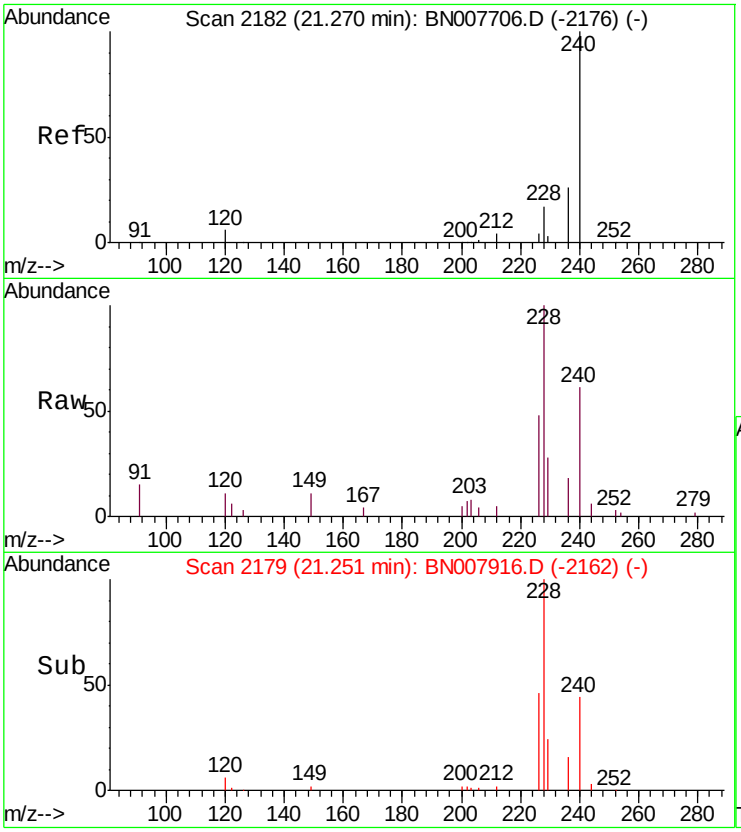


#26
Fluoranthene
Concen: 3.519 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:202 Resp: 439066

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.4	12.6
203	17.5	13.8	20.8



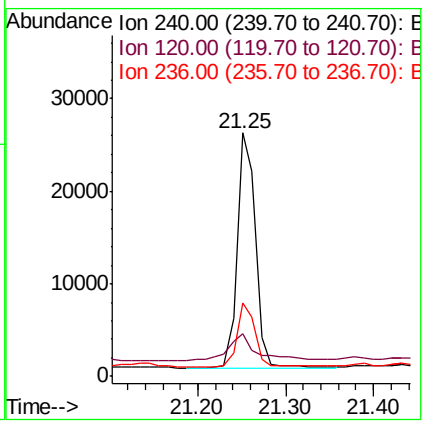


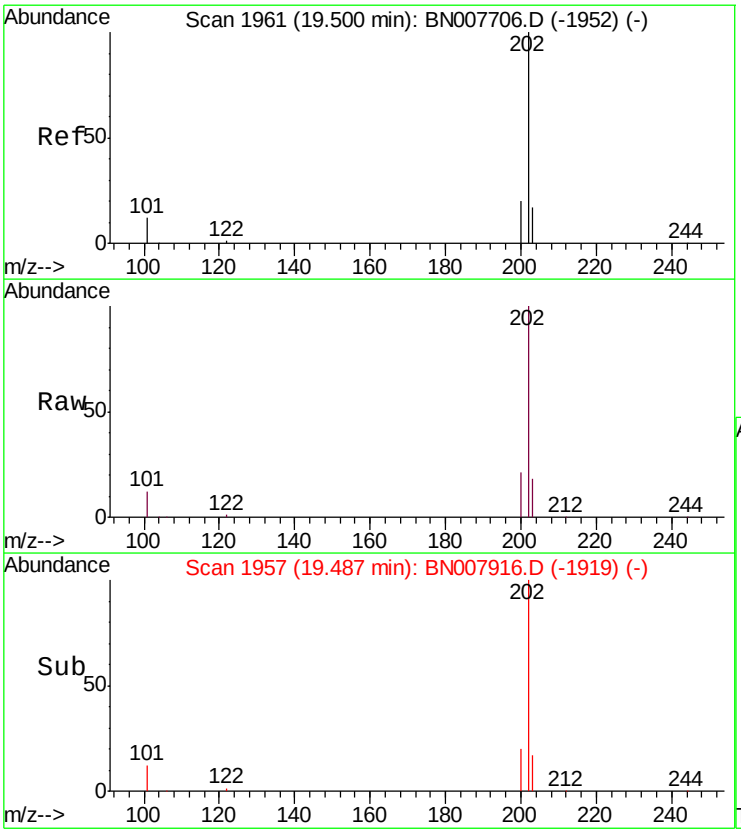
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:240 Resp: 36335

Ion	Ratio	Lower	Upper
240	100		
120	17.3	5.4	8.2#
236	30.0	21.0	31.4

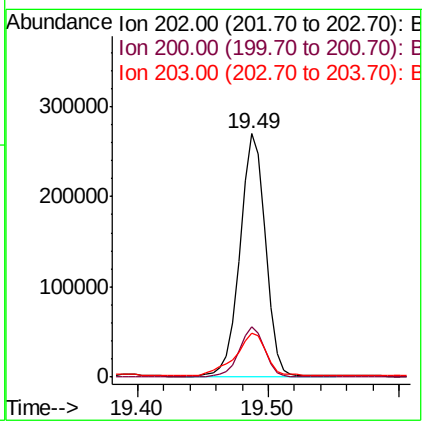


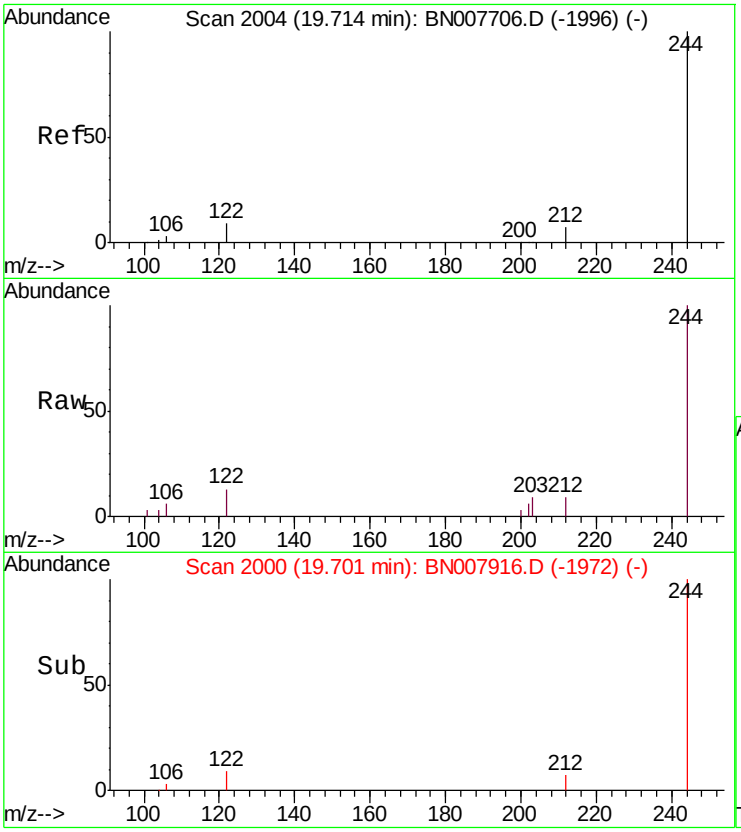


#28
Pyrene
Concen: 2.972 ng
RT: 19.49 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:202 Resp: 368303

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	21.3	14.1	21.1#



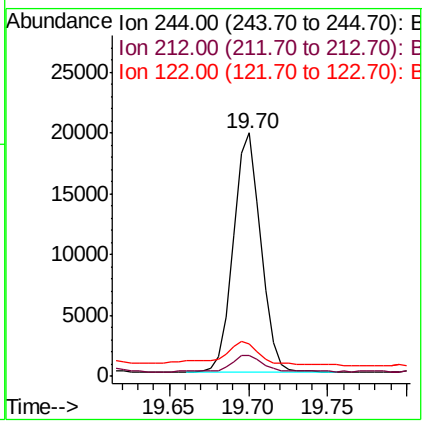


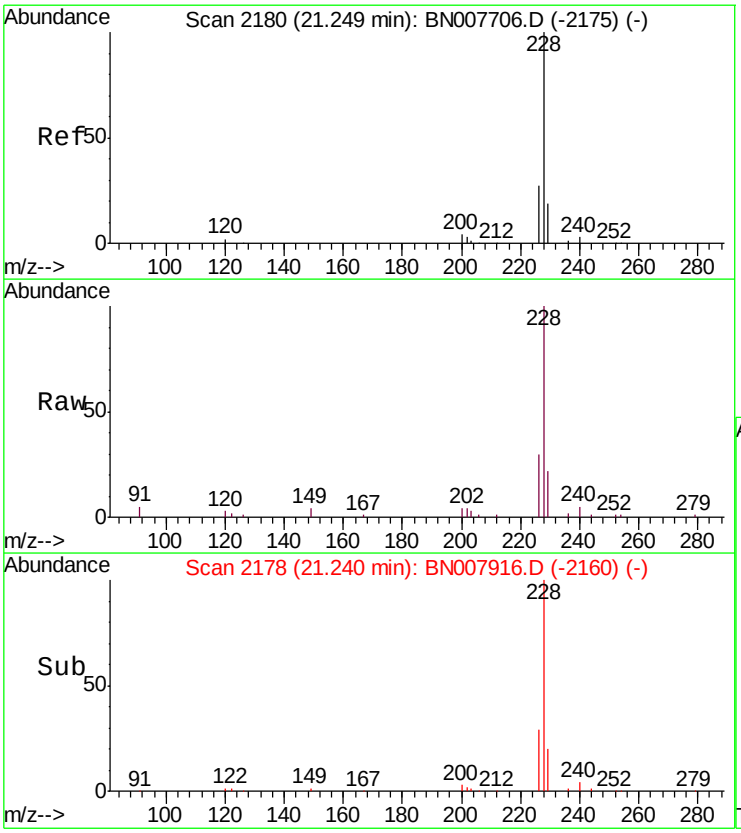
#29
Terphenyl-d14
Concen: 0.264 ng
RT: 19.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:244 Resp: 23541

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.9	8.9
122	13.4	7.4	11.2#

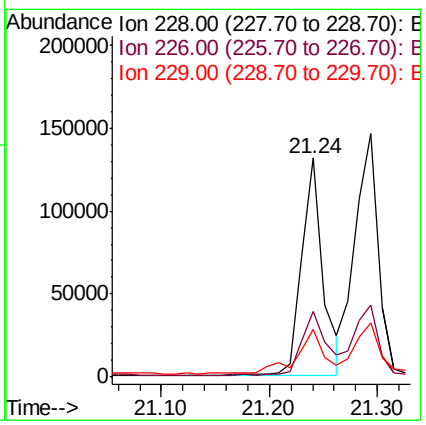


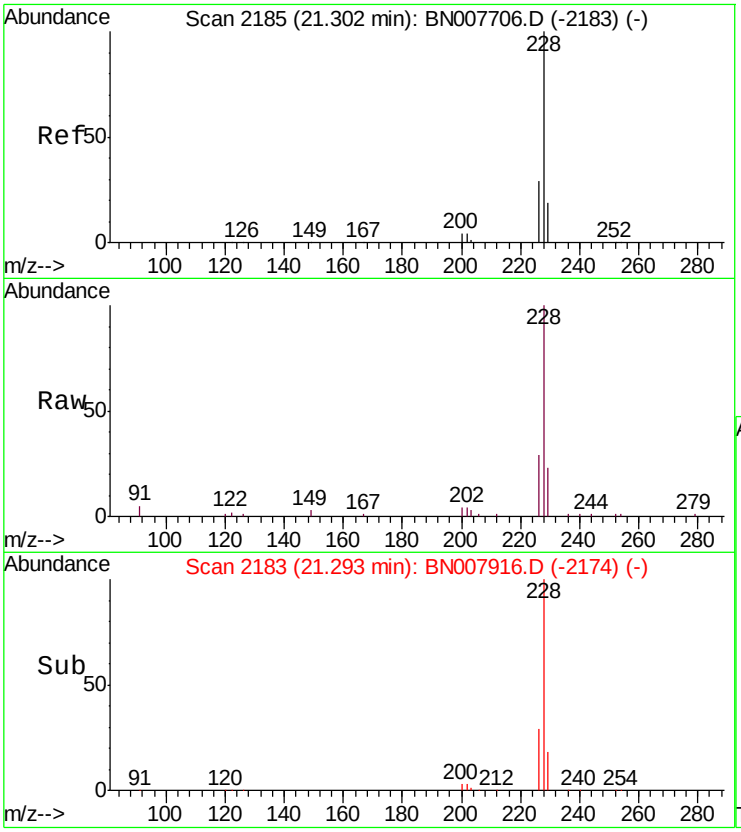


#30
Benzo(a)anthracene
Concen: 1.328 ng
RT: 21.24 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:228 Resp: 177657

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.1	33.1
229	21.8	15.8	23.6



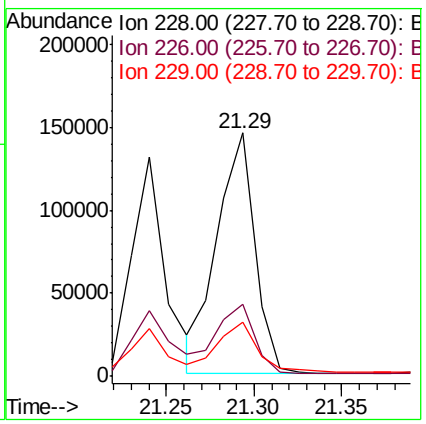


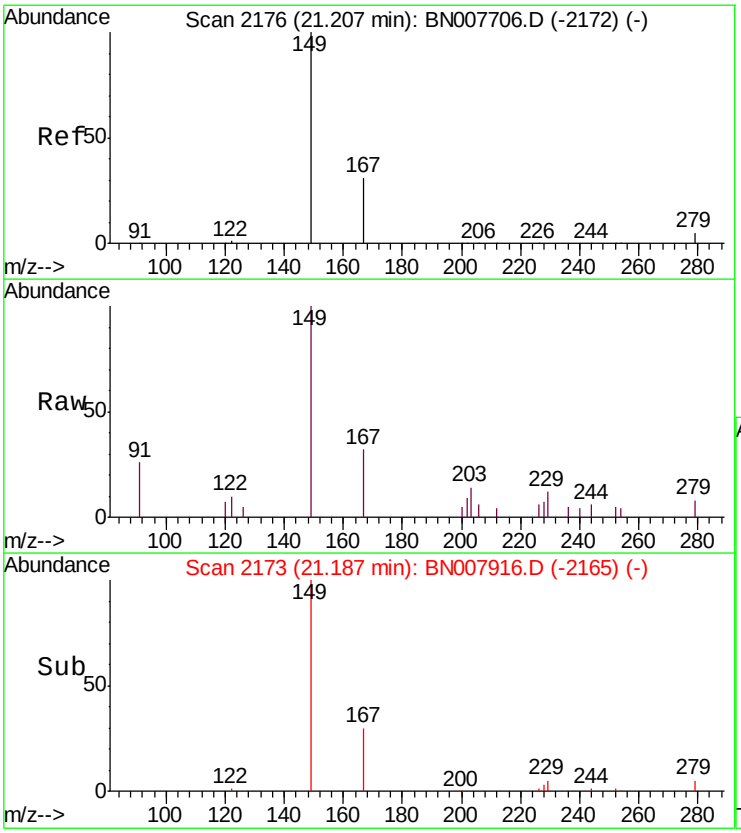
#31
Chrysene
Concen: 1.653 ng
RT: 21.29 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:228 Resp: 215566

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	22.5	15.8	23.6

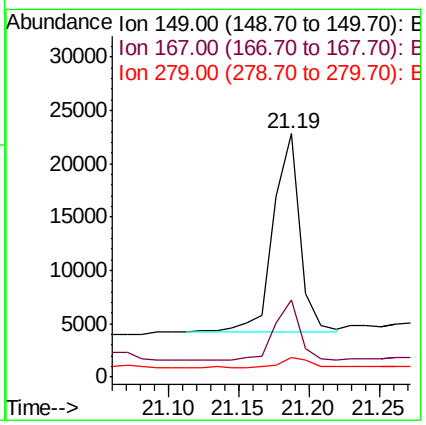


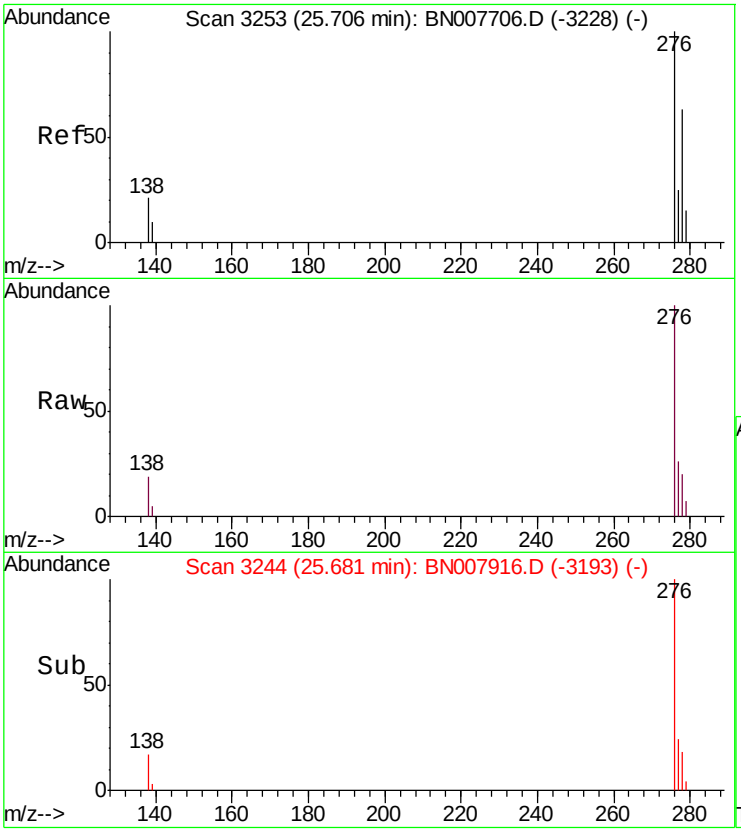


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.361 ng
RT: 21.19 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:149 Resp: 24812

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.7	35.5
279	5.8	4.2	6.2



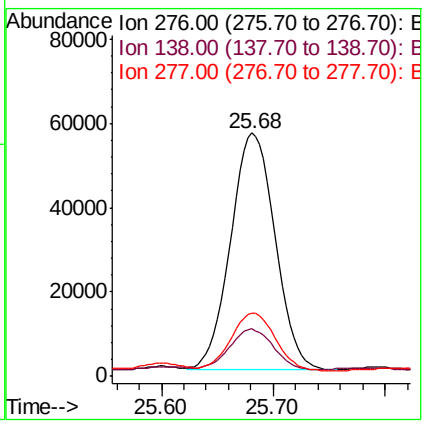


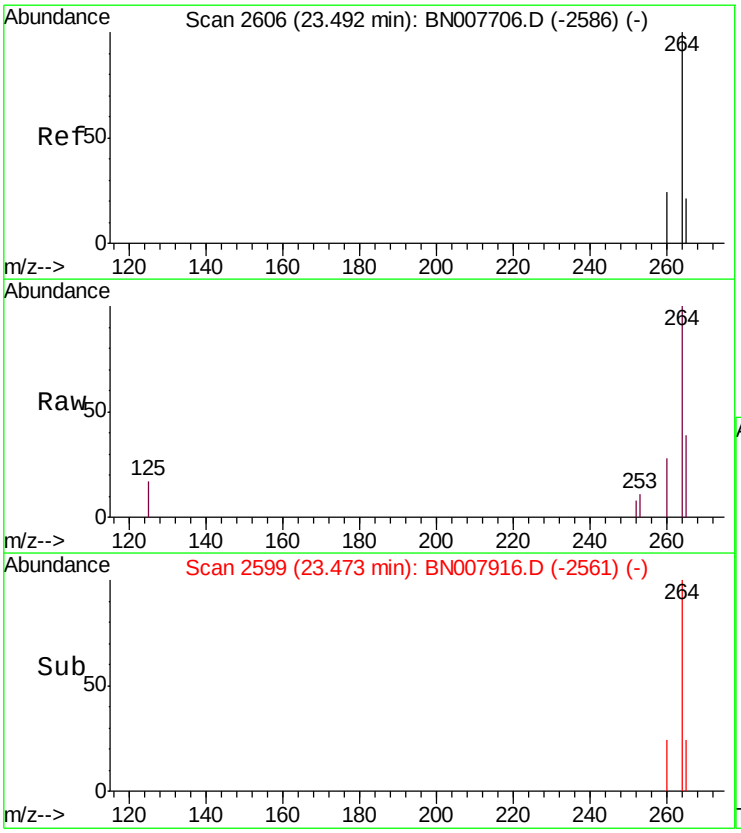
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.945 ng
RT: 25.68 min Scan# 3244
Delta R.T. -0.03 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:276 Resp: 154325

Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.1	25.7
277	24.5	20.0	30.0

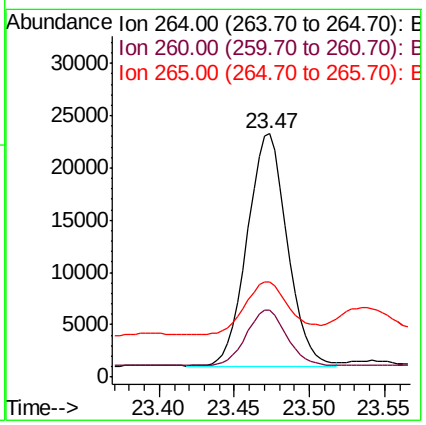


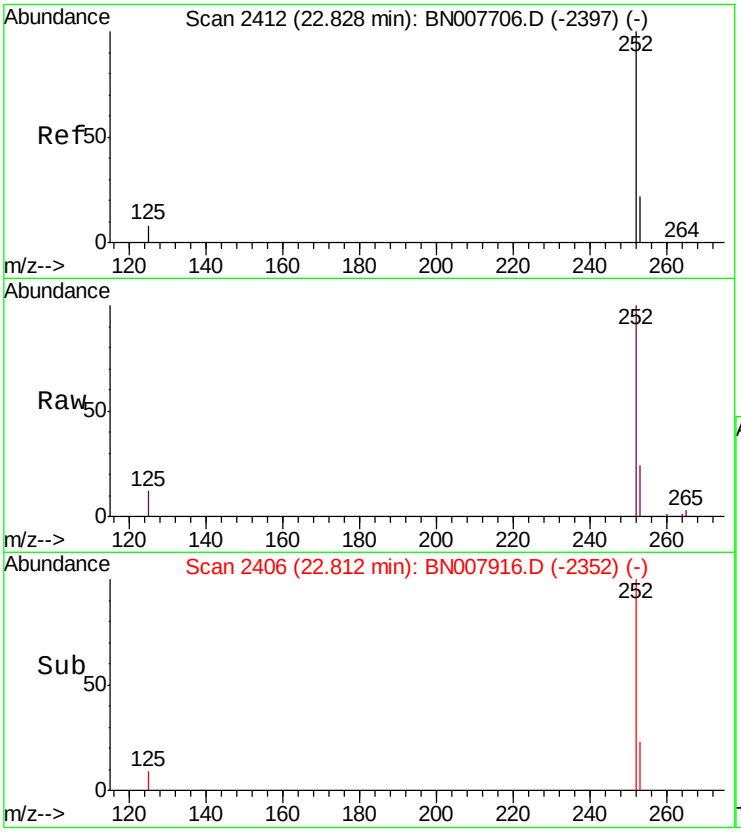


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:264 Resp: 40547

Ion	Ratio	Lower	Upper
264	100		
260	27.7	19.3	28.9
265	39.0	26.9	40.3



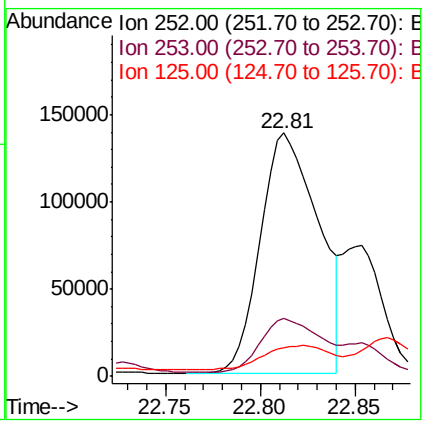


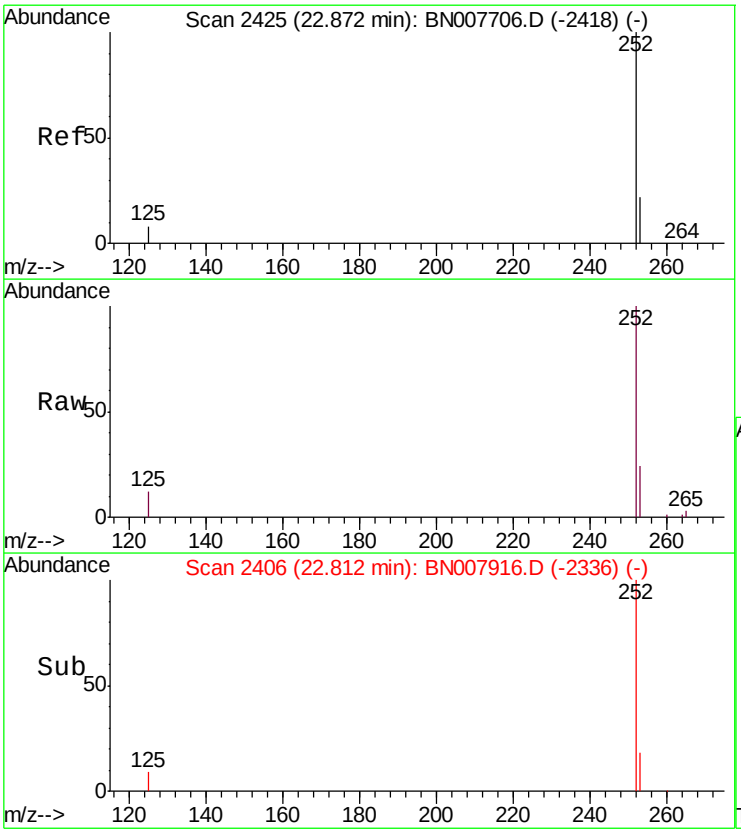
#35
Benzo(b)fluoranthene
Concen: 2.081 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:252 Resp: 292972

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	12.0	8.2	12.4

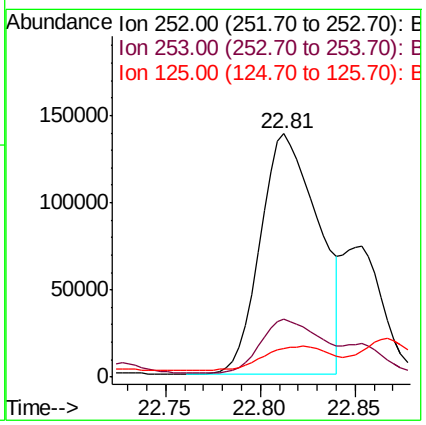


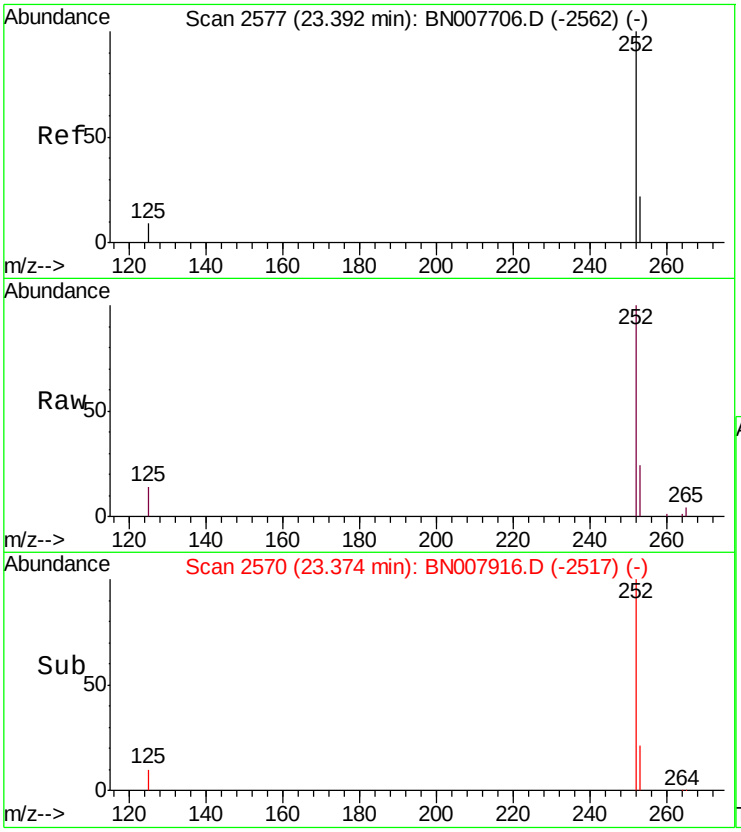


#36
Benzo(k)fluoranthene
Concen: 2.105 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.06 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:252 Resp: 292972

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	12.0	8.4	12.6



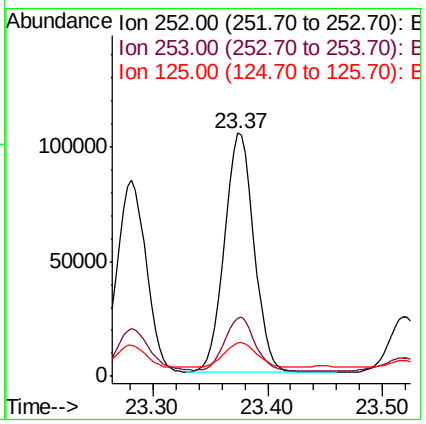


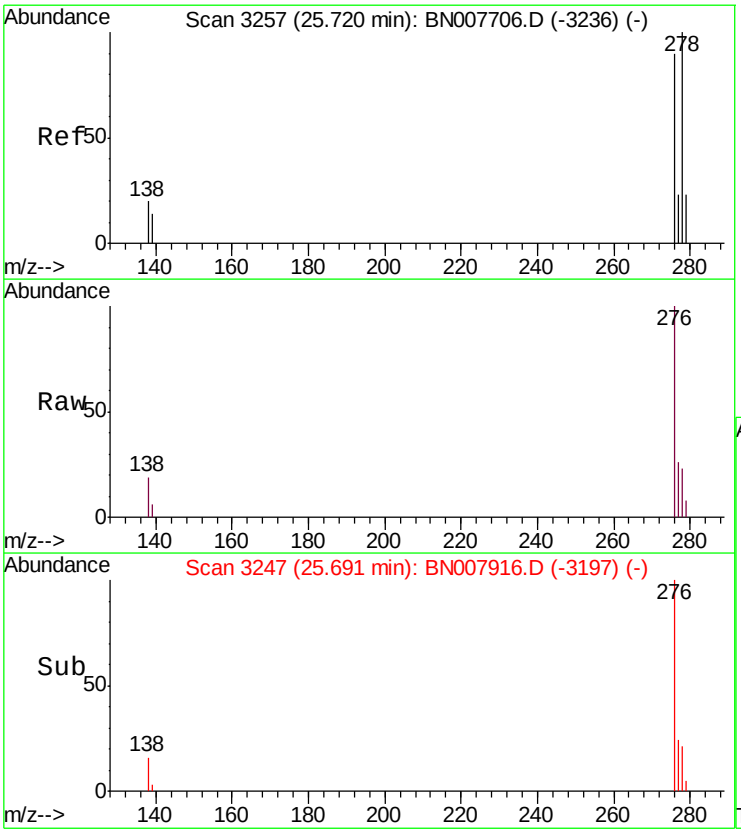
#37
Benzo(a)pyrene
Concen: 1.417 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:252 Resp: 187485

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	27.8
125	13.7	9.4	14.0

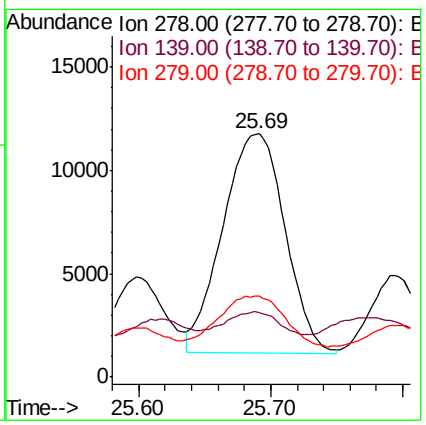


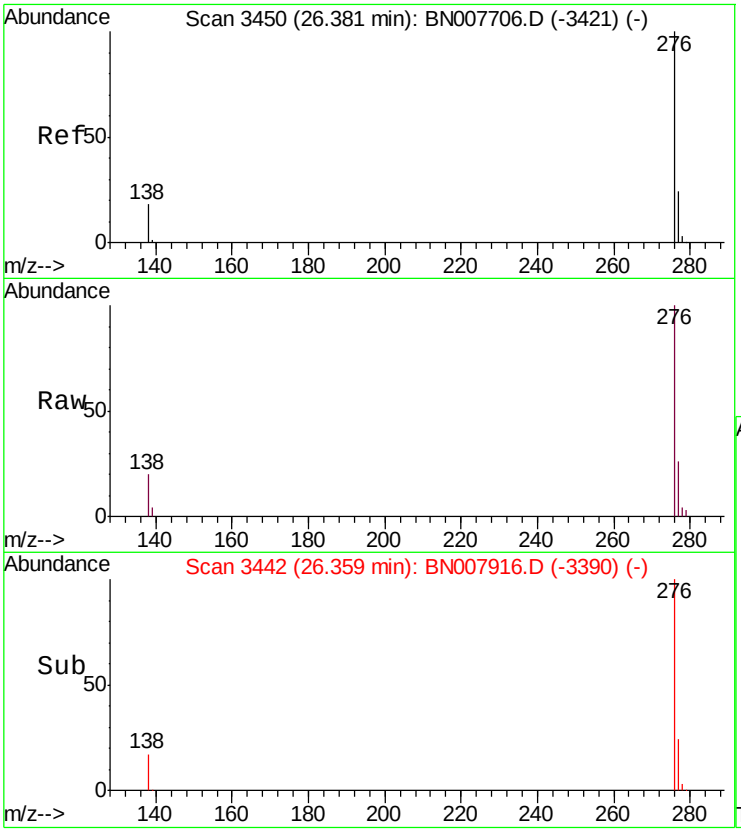


#38
Dibenzo(a,h)anthracene
Concen: 0.258 ng
RT: 25.69 min Scan# 3247
Delta R.T. -0.03 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Tgt Ion:278 Resp: 34940

Ion	Ratio	Lower	Upper
278	100		
139	26.4	11.8	17.6#
279	33.2	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.156 ng
RT: 26.36 min Scan# 3442
Delta R.T. -0.02 min
Lab File: BN007916.D
Acq: 01 Oct 2019 03:59

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW071-092619

Tgt Ion:276 Resp: 154779

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.8	29.8
138	19.6	15.1	22.7