Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007975.D
Acq On : 02 Oct 2019 20:53
Operator : JU
Sample : K5077-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 03 06:48:09 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	5365	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	22305	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	14062	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	29972	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	31801	0.40	ng		-0.02
34) Perylene-d12	23.47	264	33838	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	4018	0.22	ng		0.00
5) Phenol-d6	6.87	99	5532	0.24	ng		0.00
8) Nitrobenzene-d5	8.82	82	4601	0.24	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	8486	0.23	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	1581	0.21	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	11325	0.20	ng		-0.01
25) Fluoranthene-d10	19.09	212	19457	0.19	ng		-0.02
29) Terphenyl-d14	19.70	244	15282	0.20	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.99	42	7177	2.620	ng	#	79
16) Acenaphthylene	14.03	152	3348	0.045	ng		98
17) Acenaphthene	14.37	154	1393	0.029	ng		93
18) Fluorene	15.36	166	2089	0.034	ng		96
23) Phenanthrene	17.10	178	74596	0.799	ng		100
24) Anthracene	17.19	178	7951	0.094	ng		97
26) Fluoranthene	19.12	202	182048	1.568	ng		99
28) Pyrene	19.48	202	142155	1.311	ng	#	96
30) Benzo(a)anthracene	21.24	228	69229	0.591	ng		98
31) Chrysene	21.29	228	73736	0.646	ng		97
32) Bis(2-ethylhexyl)phthalate	21.19	149	17345	0.288	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	47860	0.335	ng	#	95
35) Benzo(b)fluoranthene	22.81	252	100120	0.852	ng		96
36) Benzo(k)fluoranthene	22.81	252	100120	0.862	ng		97
37) Benzo(a)pyrene	23.37	252	61877	0.561	ng	#	95
38) Dibenzo(a,h)anthracene	25.68	278	11304	0.100	ng	#	72
39) Benzo(g,h,i)perylene	26.35	276	45584	0.408	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
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Acq On : 02 Oct 2019 20:53
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Sample : K5077-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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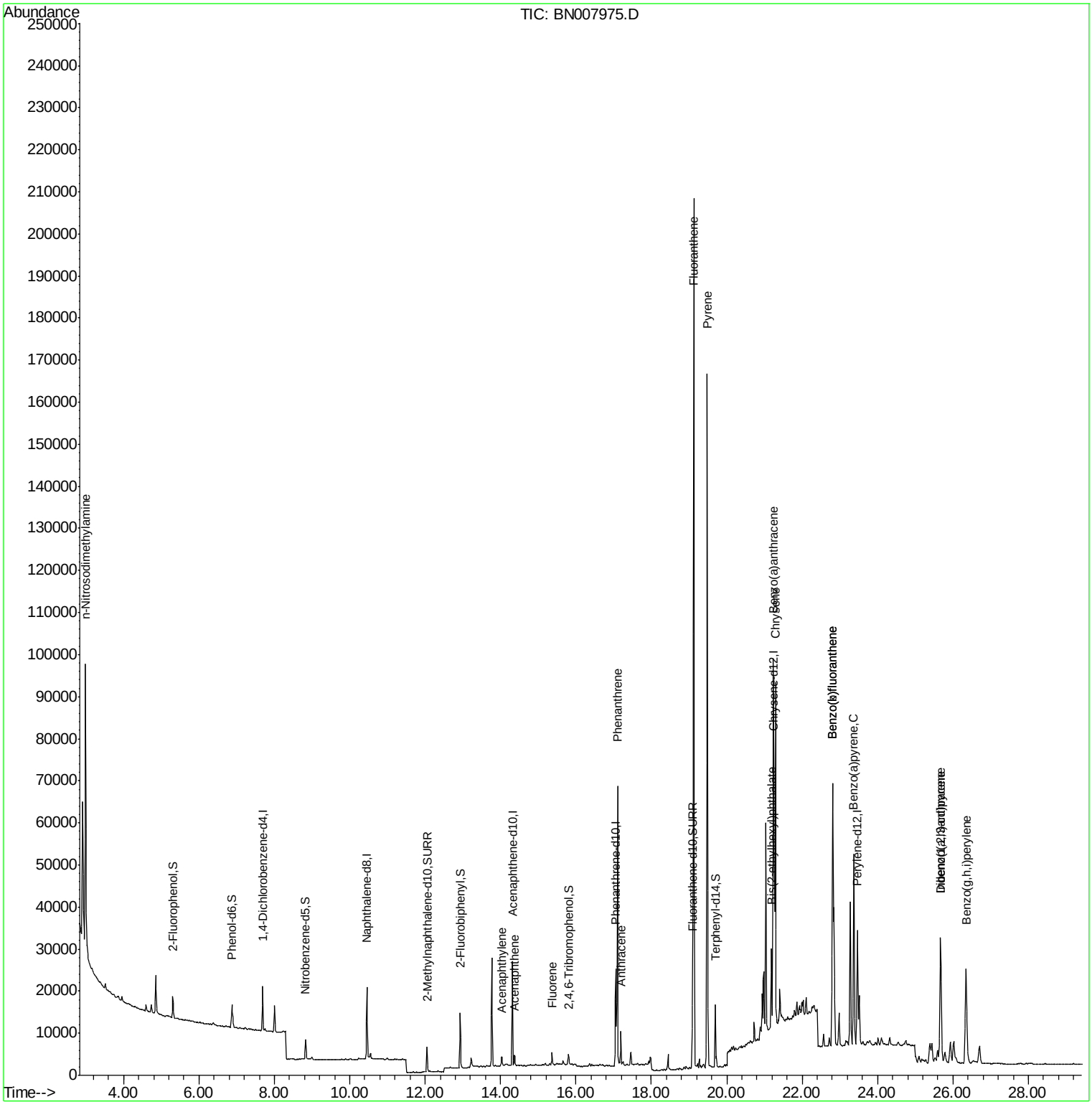
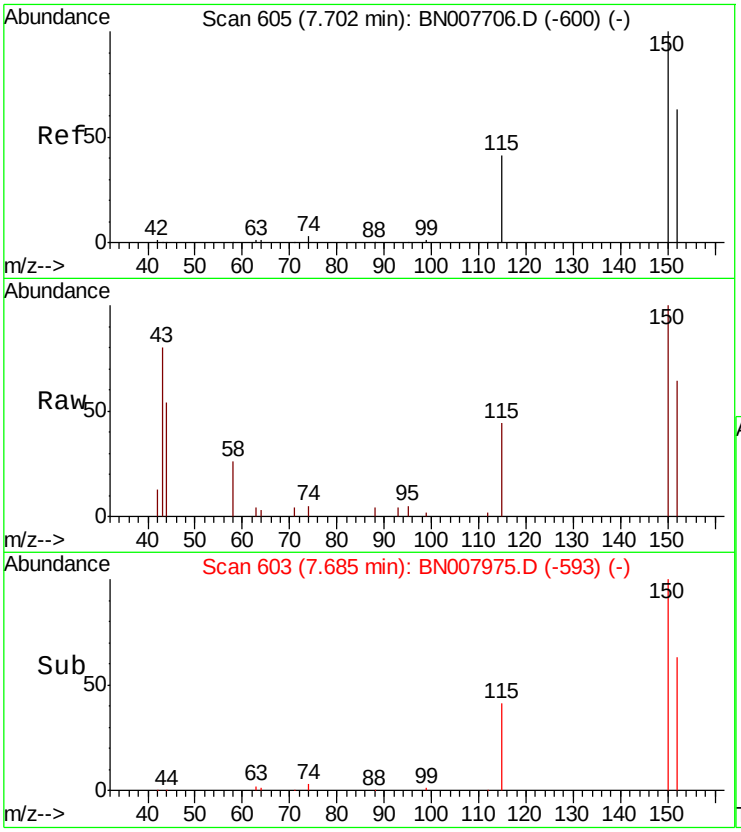


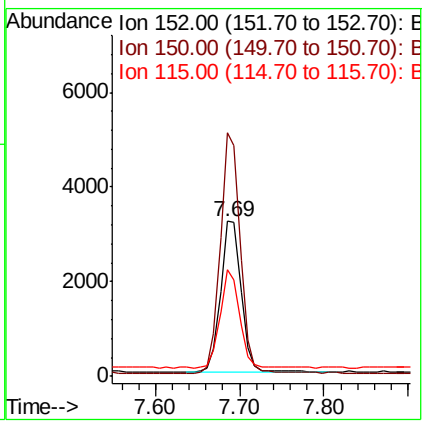


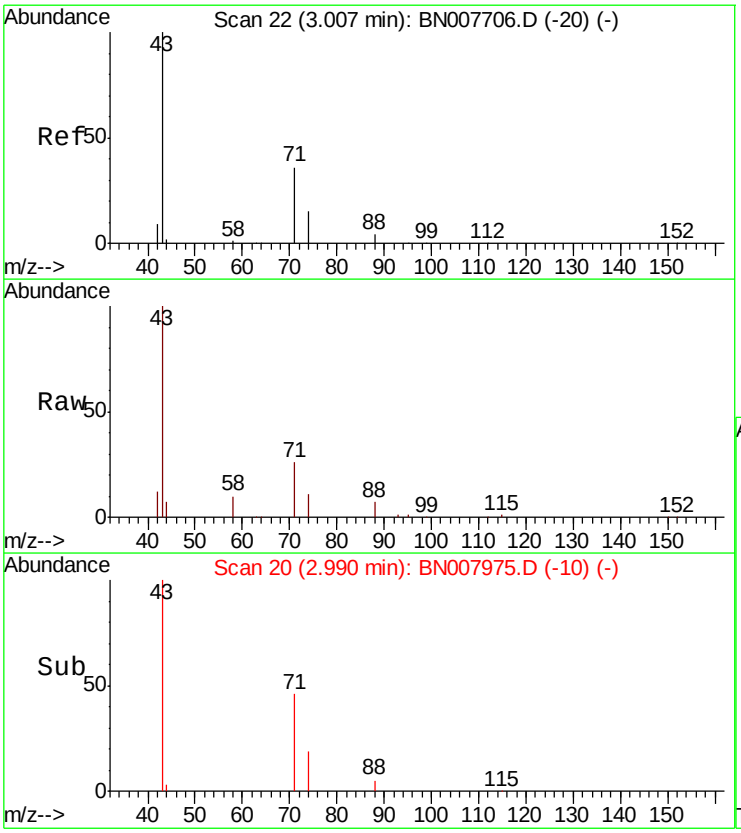
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5365

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.6	188.4
115	68.7	53.3	79.9

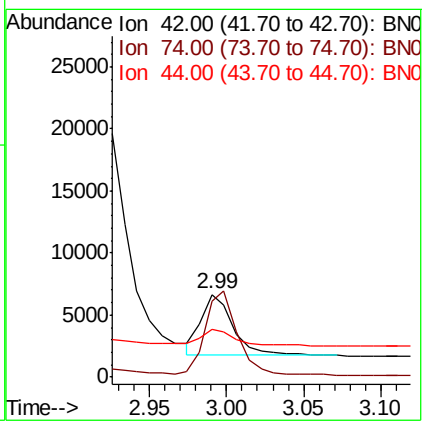


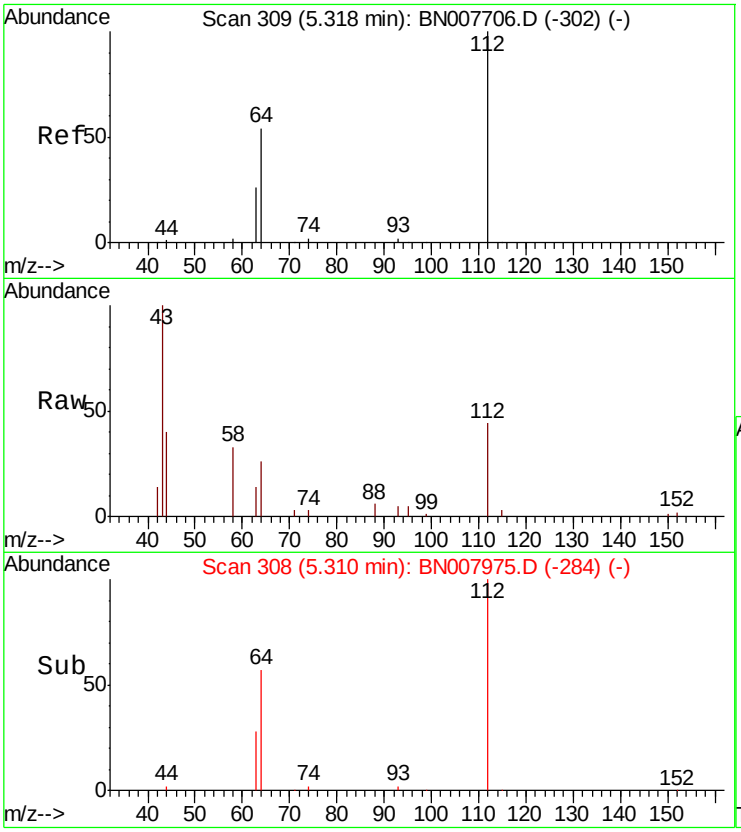


#3
n-Nitrosodimethylamine
Concen: 2.620 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion: 42 Resp: 7177

Ion	Ratio	Lower	Upper
42	100		
74	135.8	87.9	131.9#
44	30.7	29.4	44.0



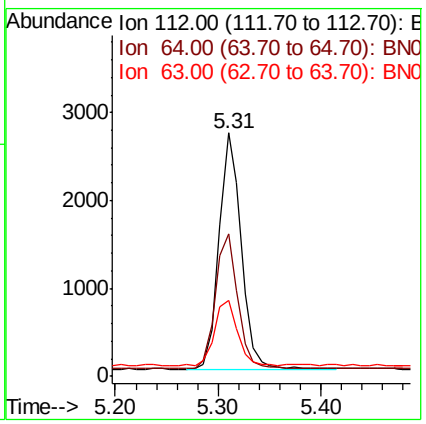


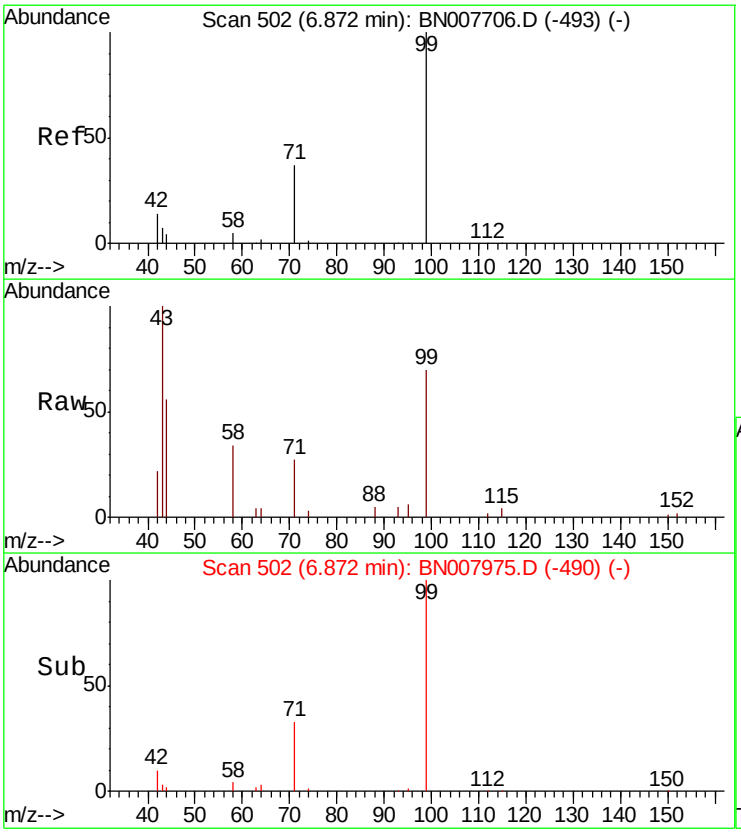
#4
2-Fluorophenol
Concen: 0.218 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 4018

Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.6	70.0
63	28.8	23.1	34.7

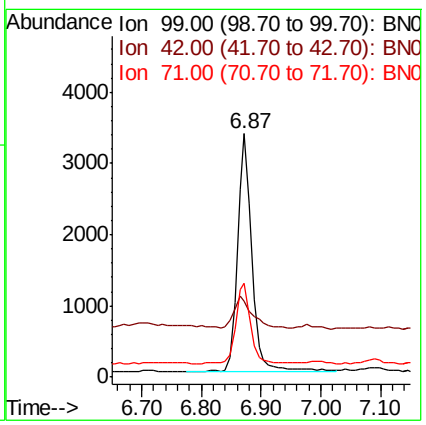


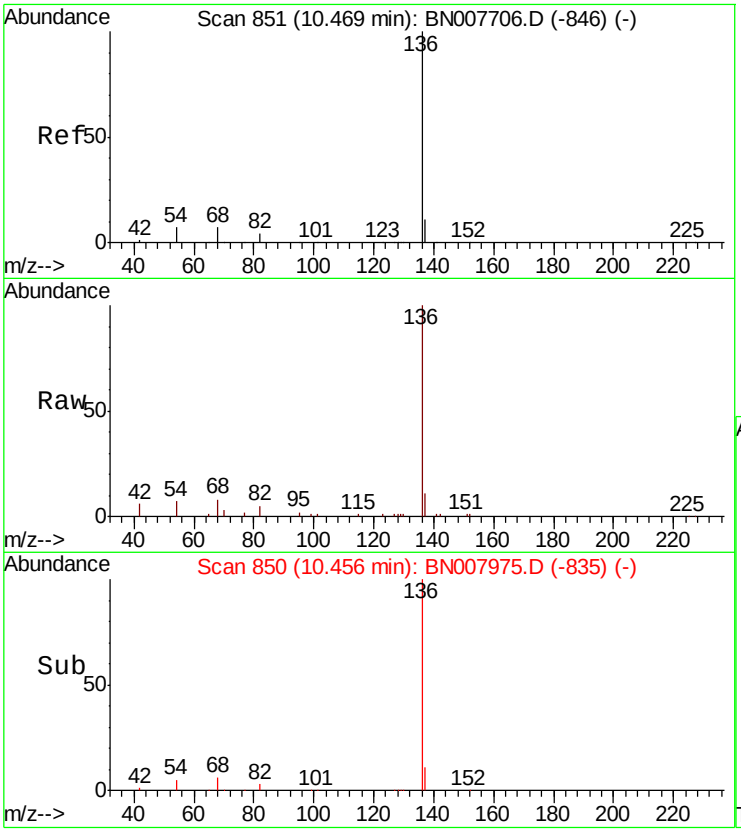


#5
Phenol-d6
Concen: 0.238 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion: 99 Resp: 5532

Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.8	19.2
71	34.3	27.6	41.4



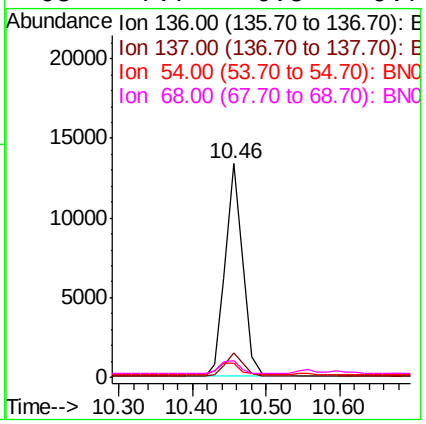


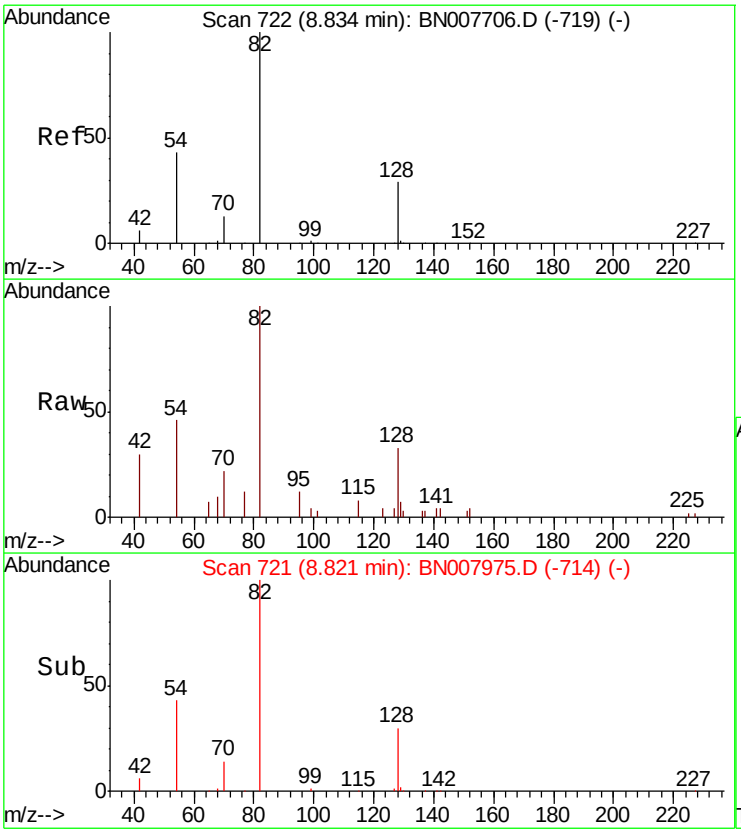
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 22305

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.5	5.8	8.8
68	7.7	6.5	9.7

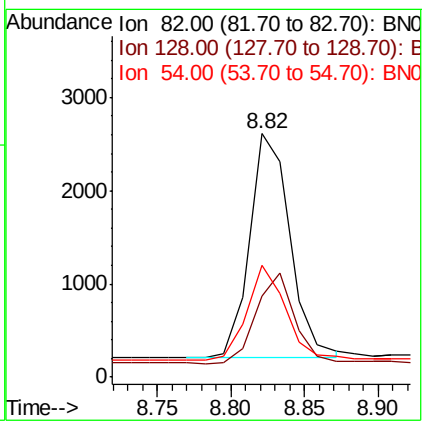


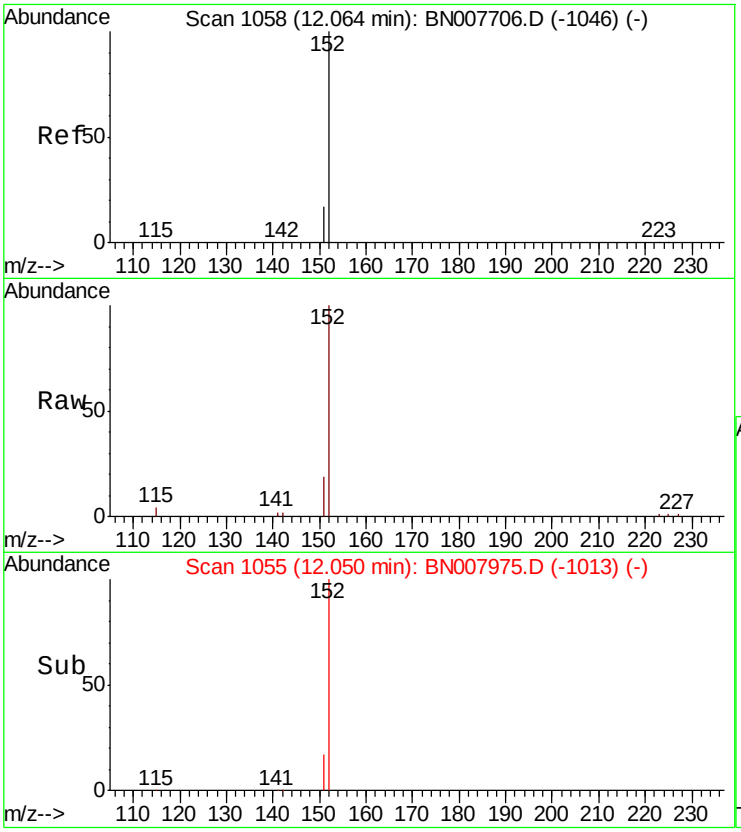


#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion: 82 Resp: 4601

Ion	Ratio	Lower	Upper
82	100		
128	33.3	24.5	36.7
54	46.0	35.2	52.8



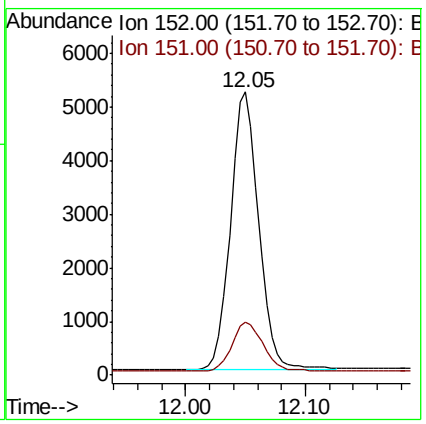


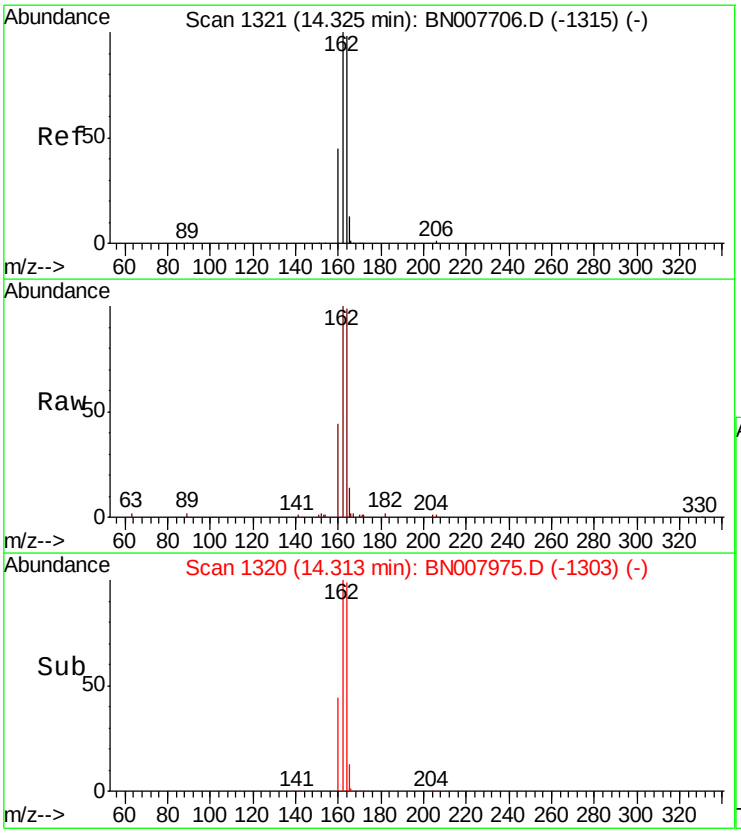
#11
2-Methylnaphthalene-d10
Concen: 0.226 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8486

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2

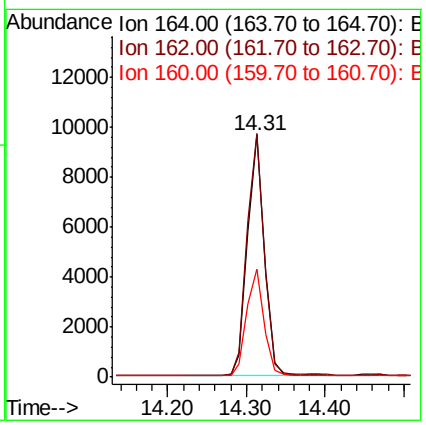


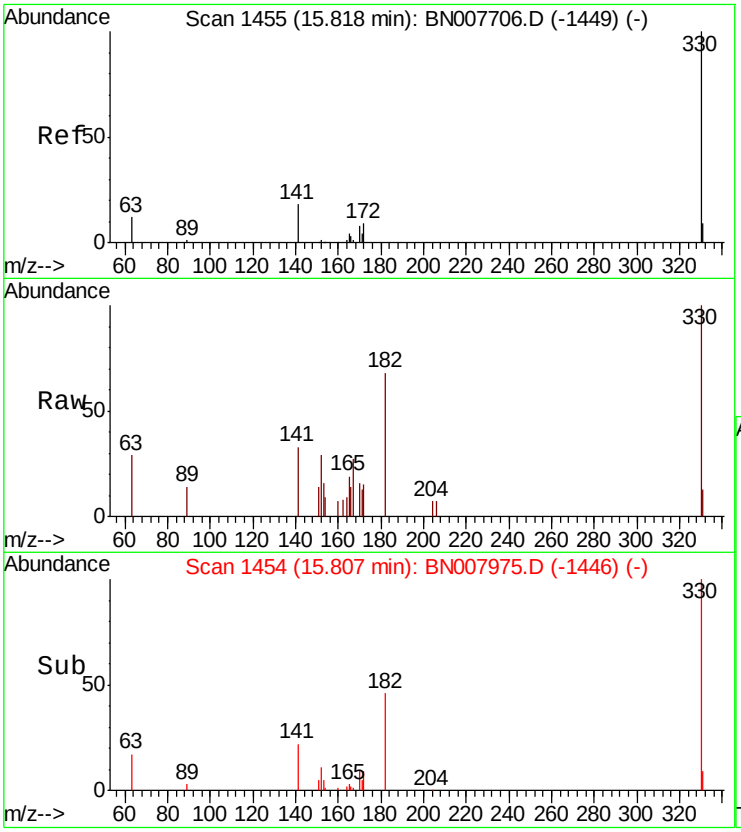


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion:164 Resp: 14062

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.7	122.5
160	44.6	37.0	55.4



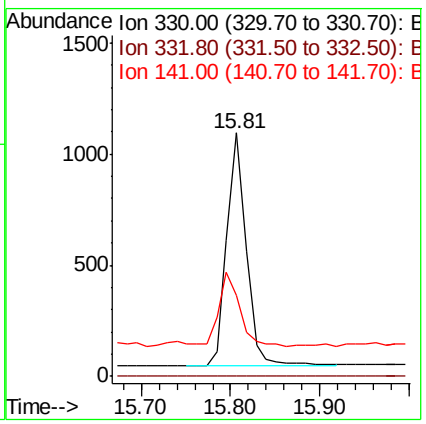


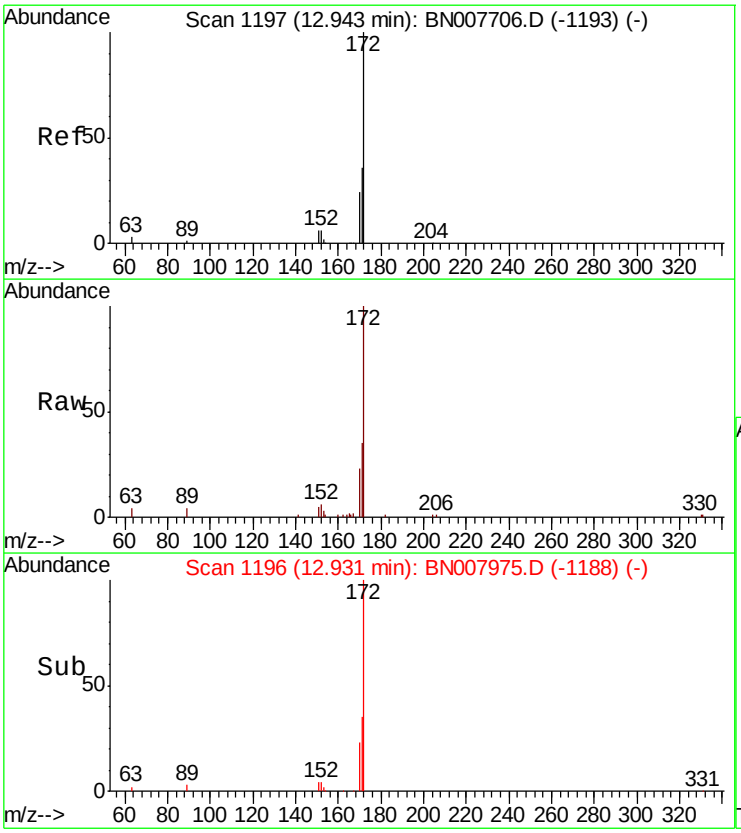
#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1581

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.7	28.7	43.1

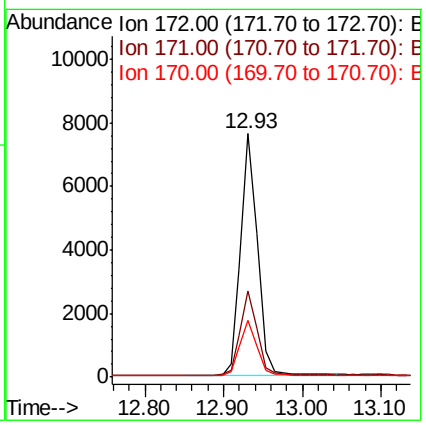


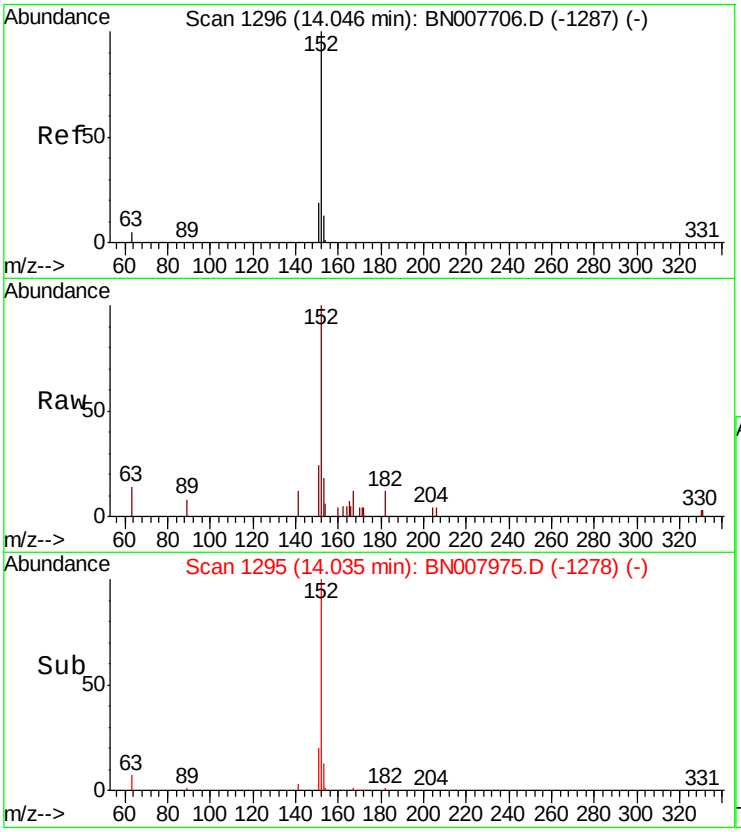


#15
2-Fluorobiphenyl
Concen: 0.196 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion:172 Resp: 11325

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.8	43.2
170	23.4	19.5	29.3



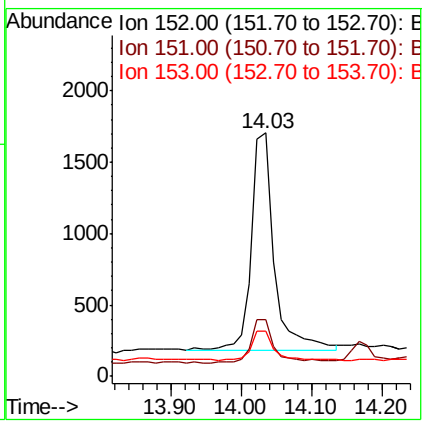


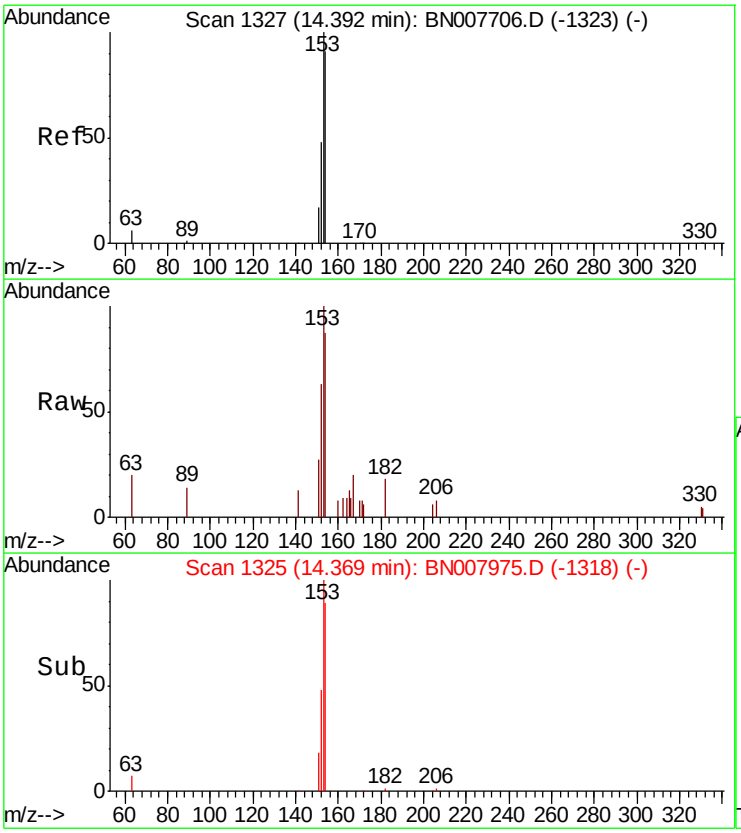
#16
Acenaphthylene
Concen: 0.045 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3348

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.5	23.3
153	13.5	10.4	15.6

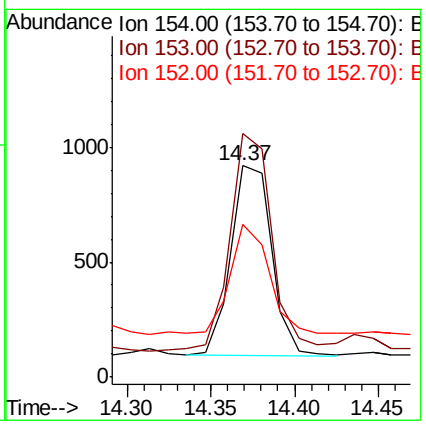


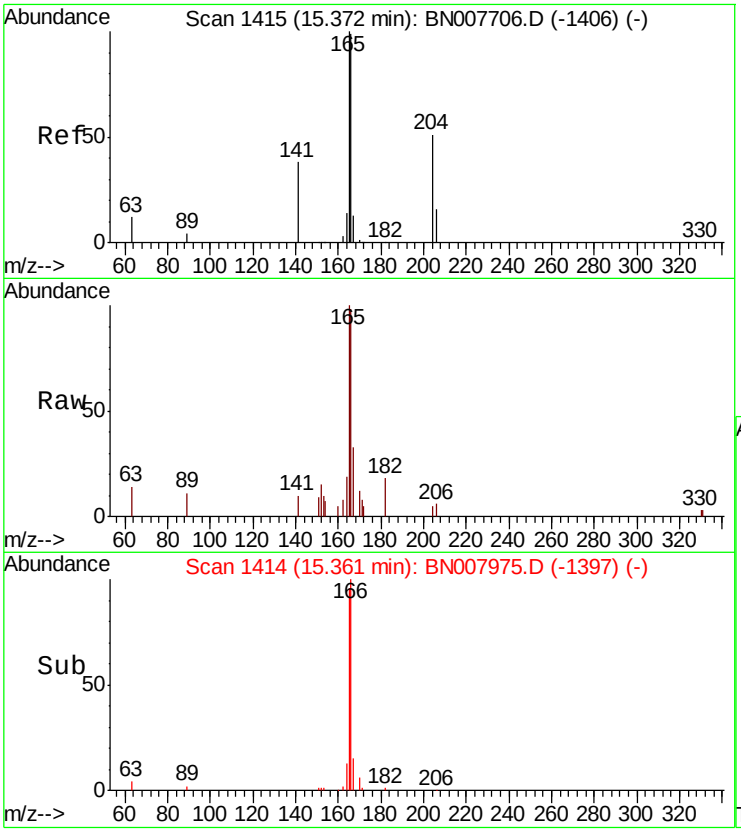


#17
Acenaphthene
Concen: 0.029 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion:154 Resp: 1393

Ion	Ratio	Lower	Upper
154	100		
153	116.5	87.0	130.4
152	57.9	42.7	64.1



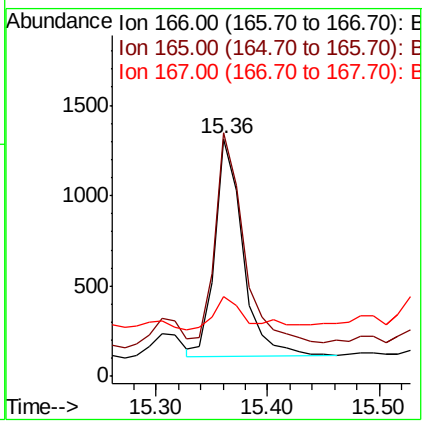


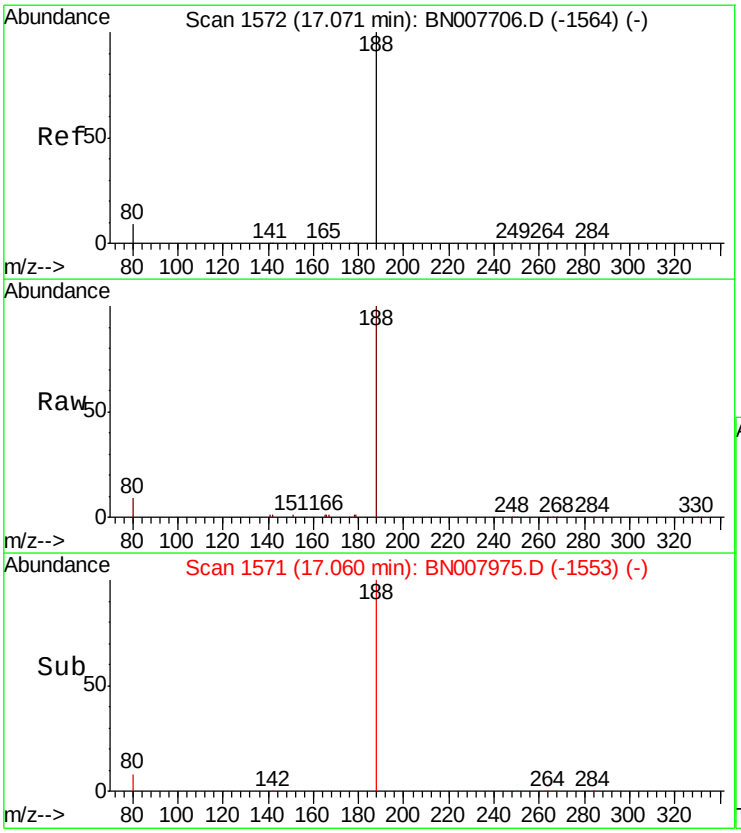
#18
Fluorene
Concen: 0.034 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 2089

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.0	117.0
167	14.7	10.9	16.3

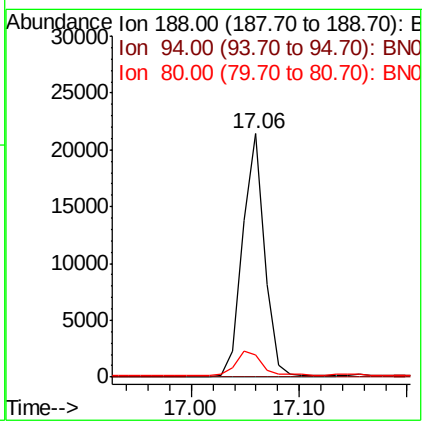


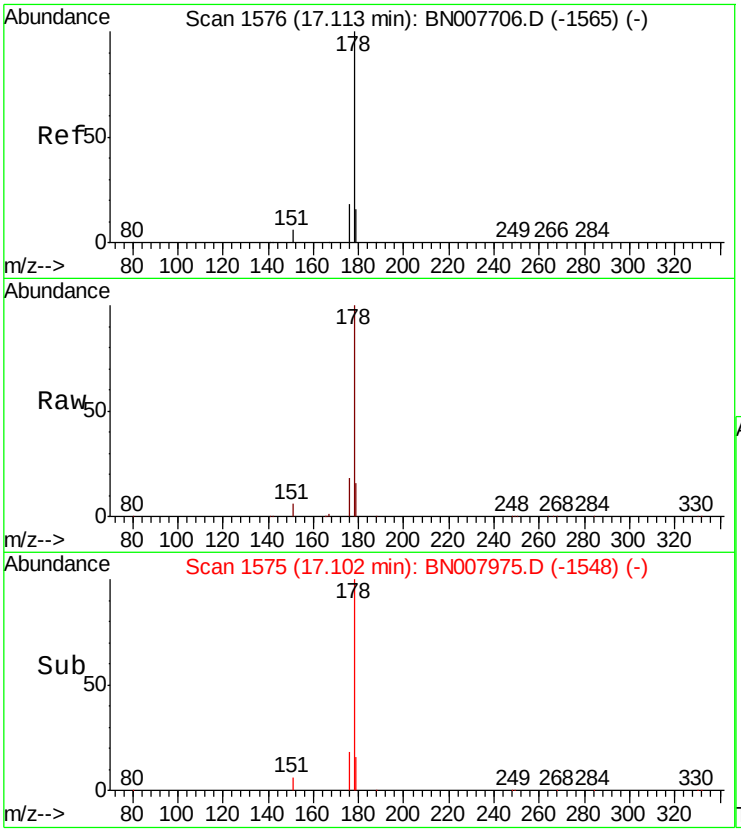


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion:188 Resp: 29972

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.4	11.2



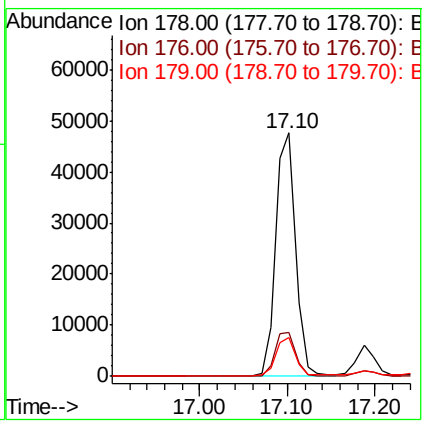


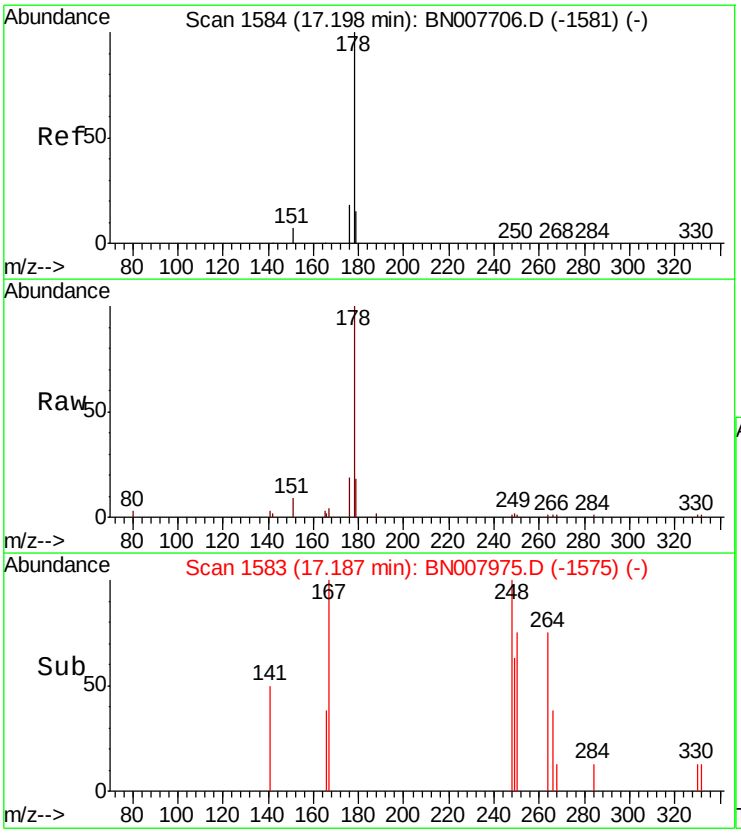
#23
Phenanthrene
Concen: 0.799 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 74596

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.4	12.5	18.7

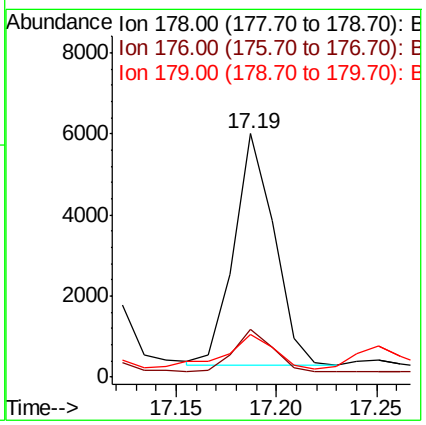


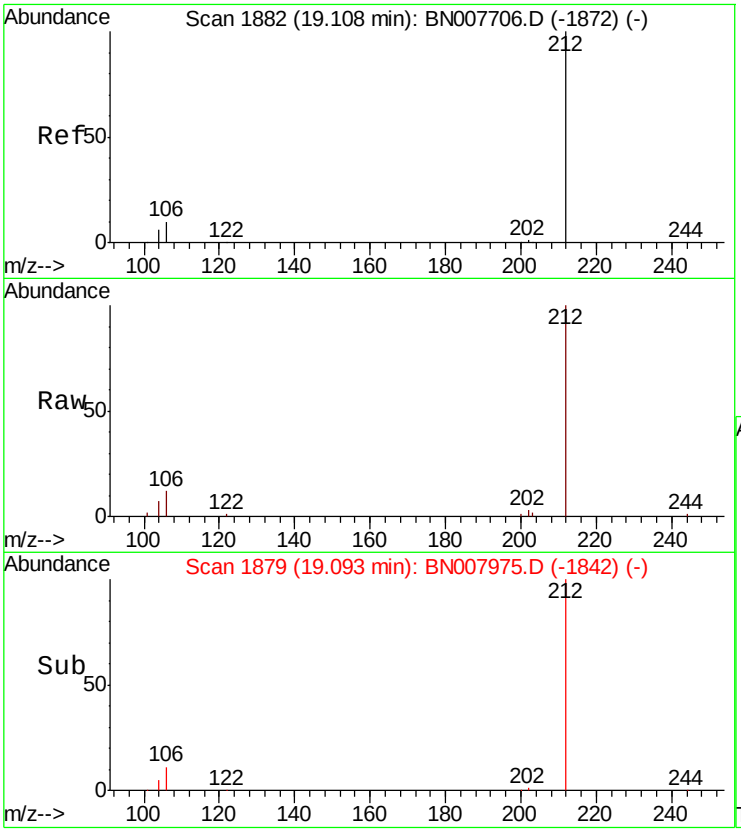


#24
Anthracene
Concen: 0.094 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion:178 Resp: 7951

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	17.7	12.2	18.4



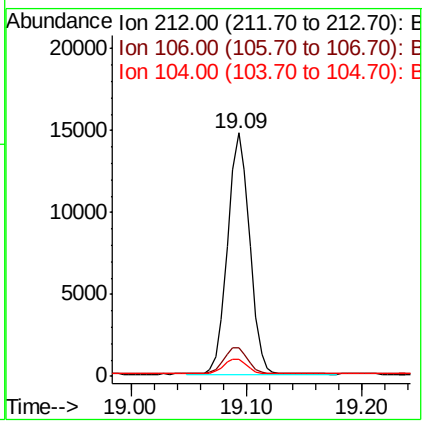


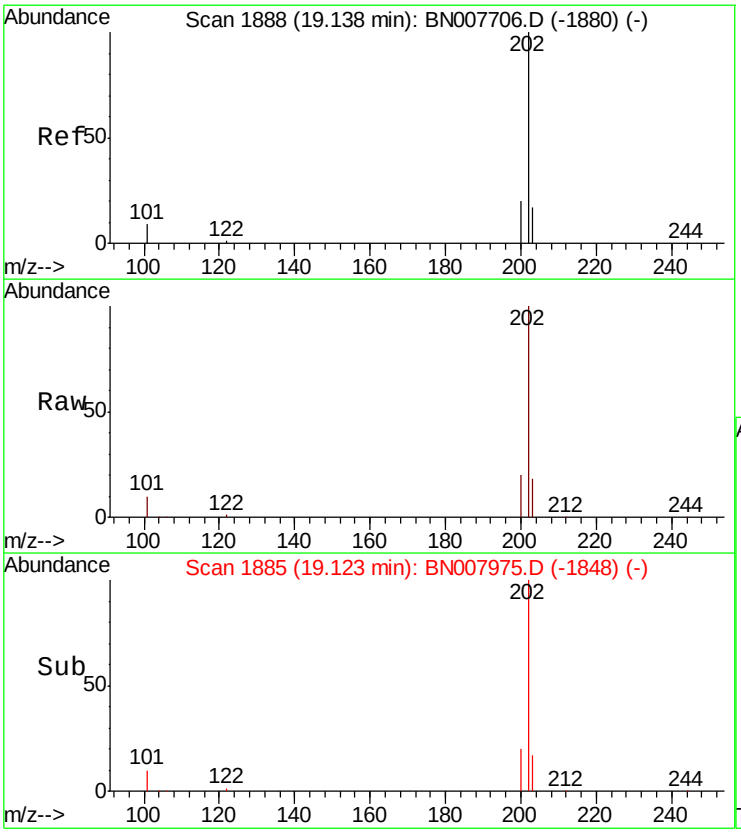
#25
Fluoranthene-d10
Concen: 0.193 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 19457

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.4	14.0
104	6.5	5.3	7.9

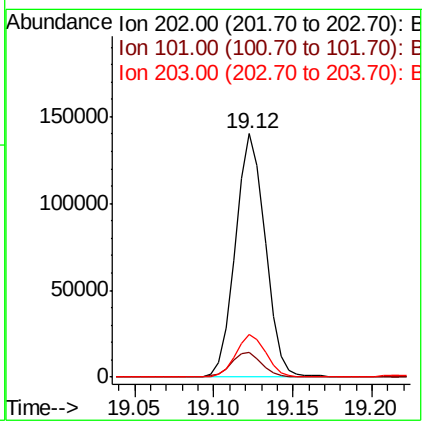


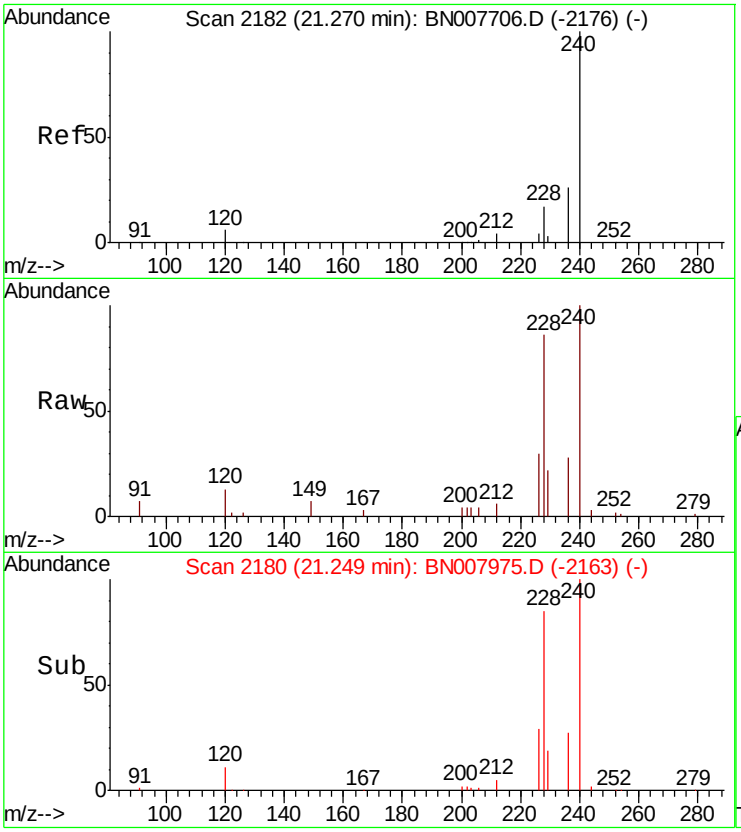


#26
Fluoranthene
Concen: 1.568 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion:202 Resp: 182048

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
203	17.4	13.8	20.8



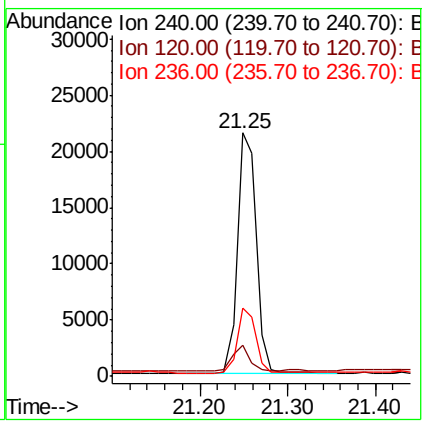


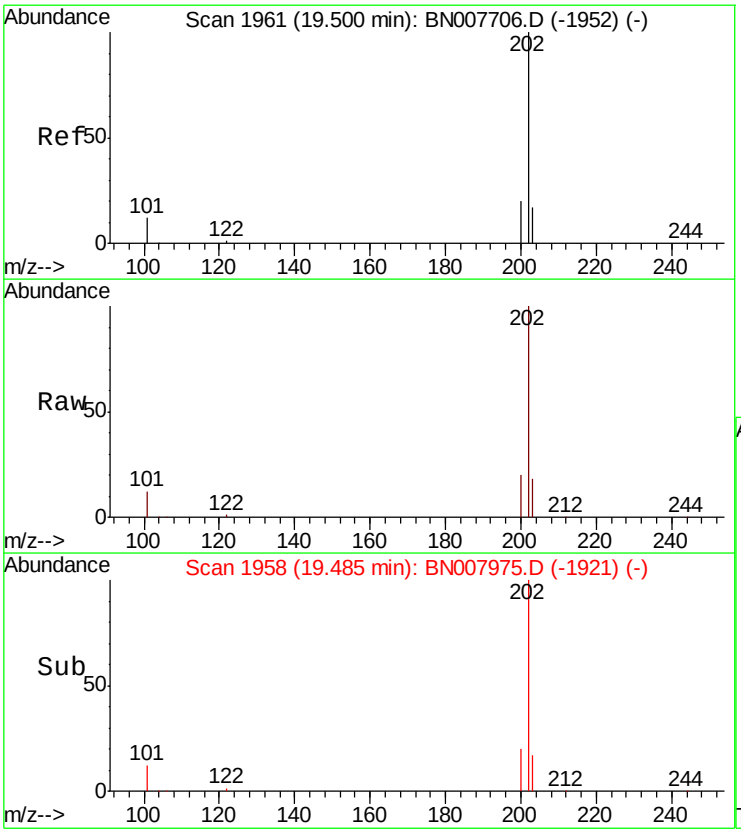
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 31801

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.4	8.2#
236	28.0	21.0	31.4

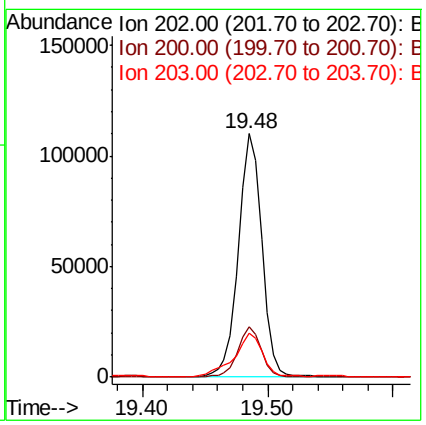


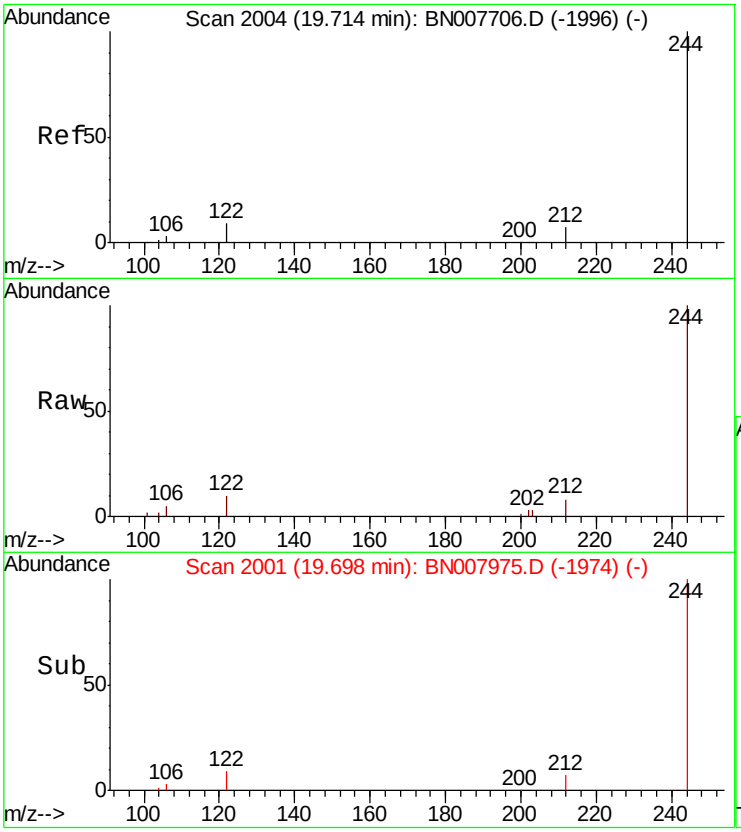


#28
Pyrene
Concen: 1.311 ng
RT: 19.48 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion:202 Resp: 142155

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	21.4	14.1	21.1#



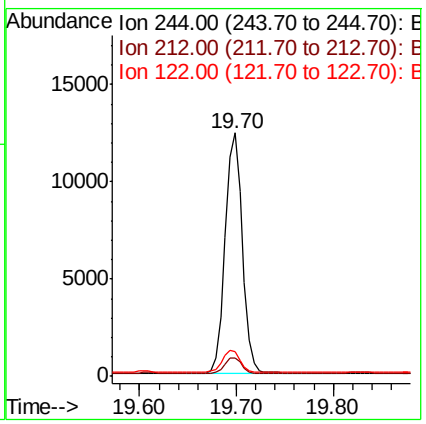


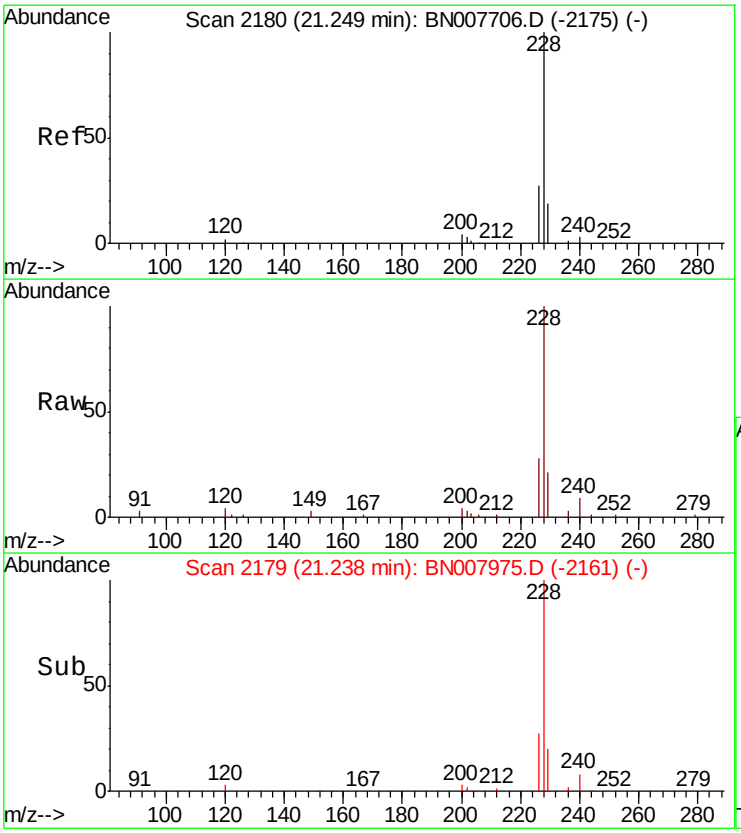
#29
Terphenyl-d14
Concen: 0.196 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 15282

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.3	7.4	11.2

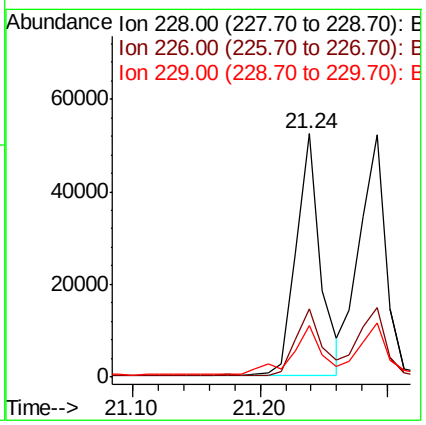


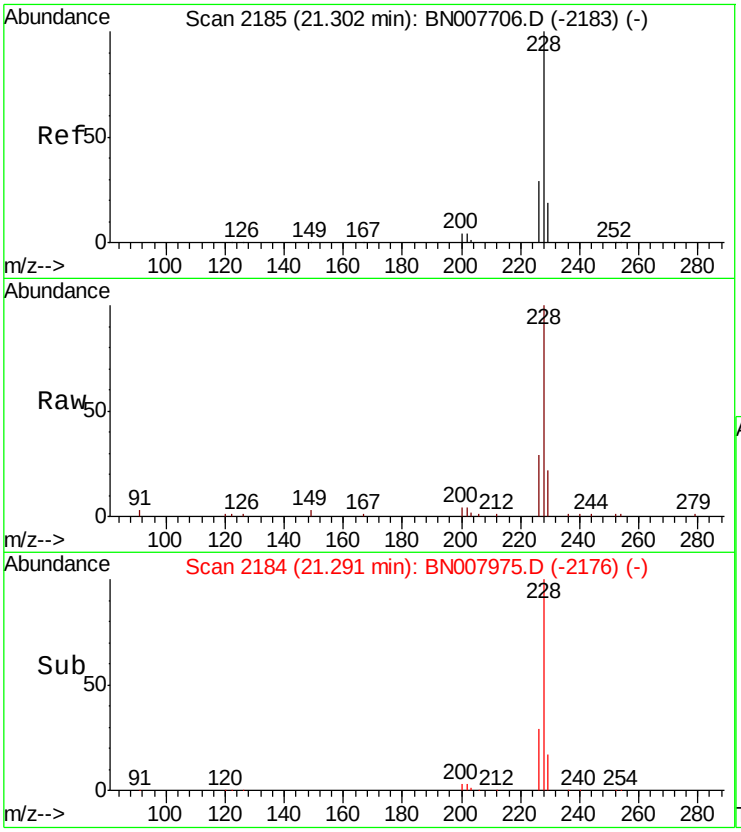


#30
Benzo(a)anthracene
Concen: 0.591 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion:228 Resp: 69229

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	21.2	15.8	23.6



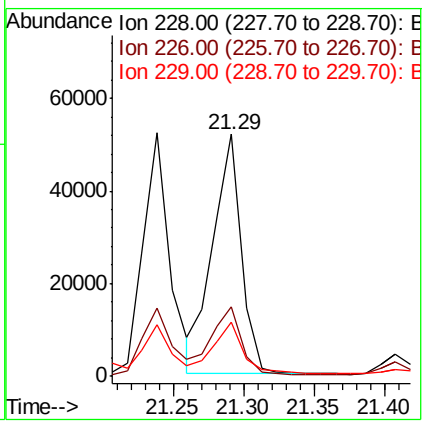


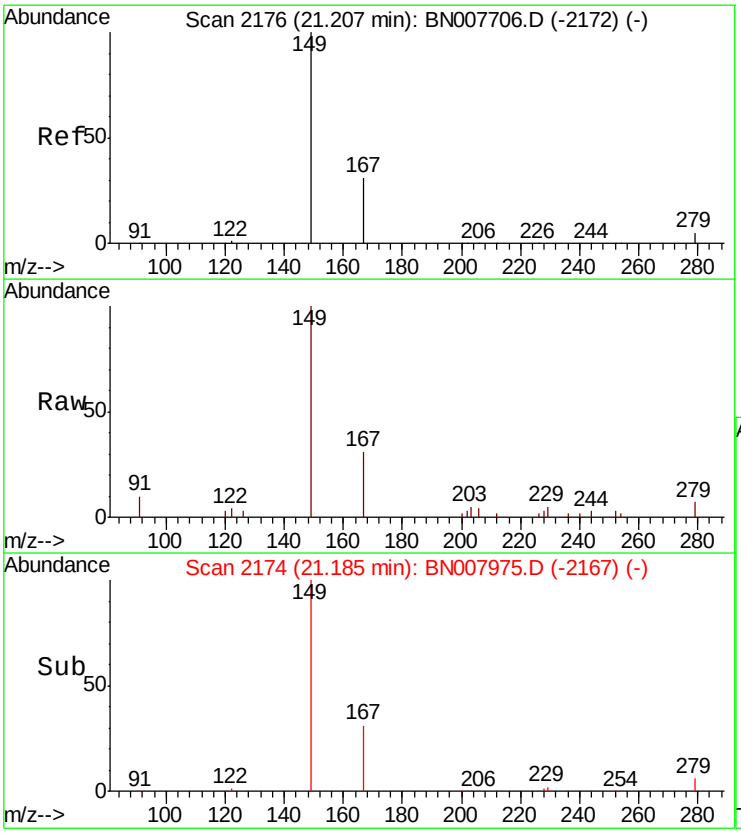
#31
Chrysene
Concen: 0.646 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 73736

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	22.3	15.8	23.6

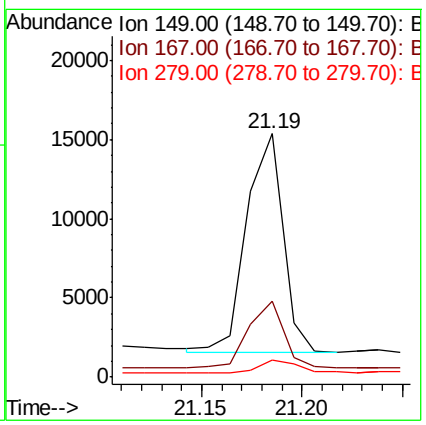


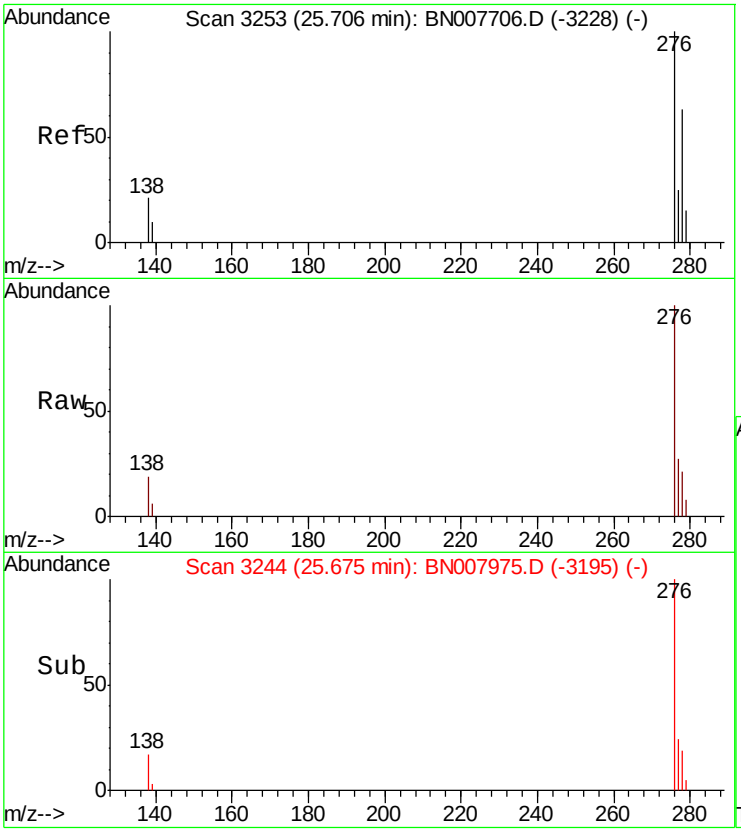


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.288 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion:149 Resp: 17345

Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.7	35.5
279	5.7	4.2	6.2



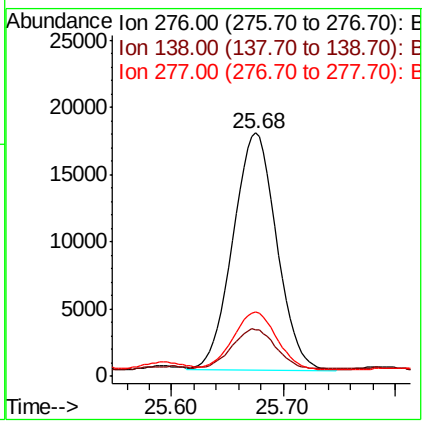


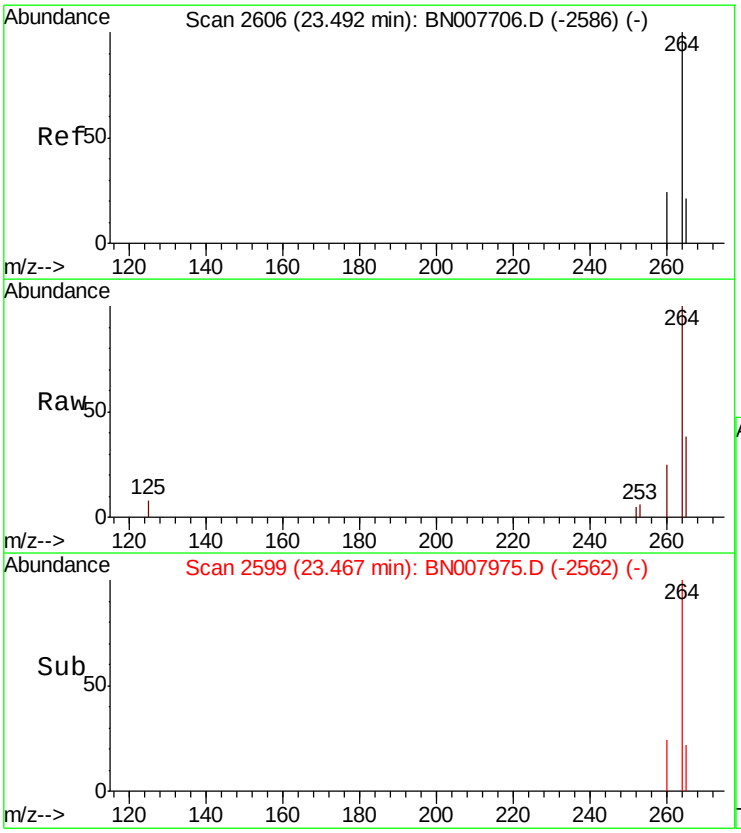
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng
RT: 25.68 min Scan# 3244
Delta R.T. -0.03 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 47860

Ion	Ratio	Lower	Upper
276	100		
138	16.7	17.1	25.7#
277	24.4	20.0	30.0

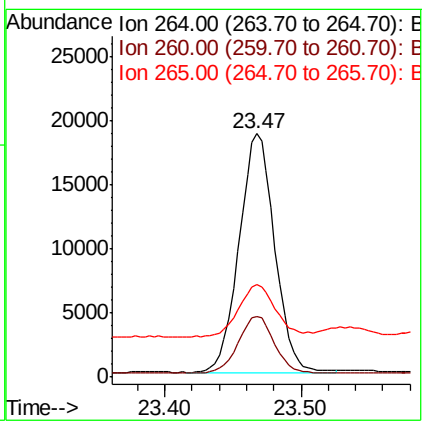


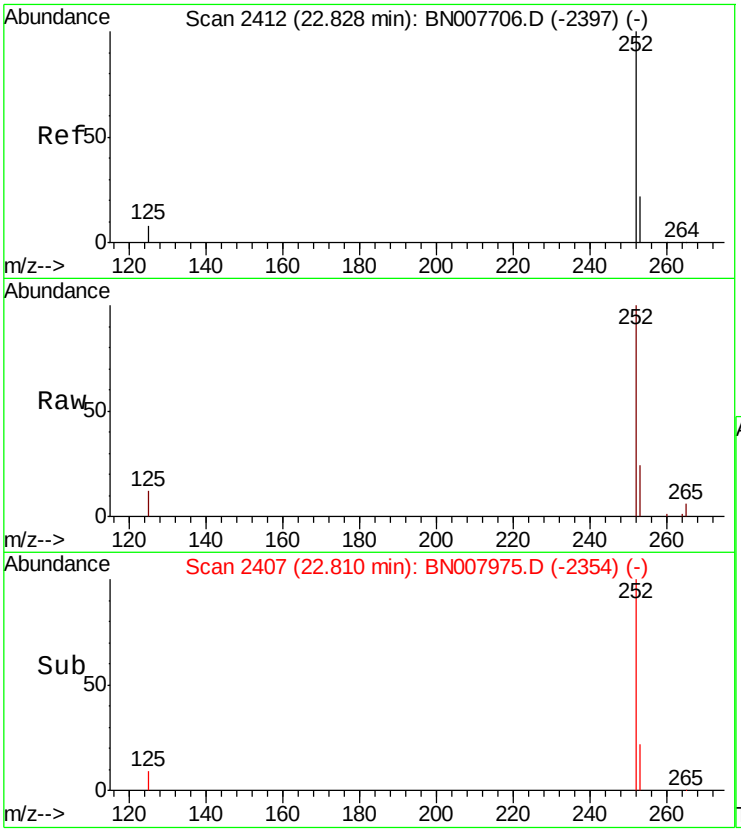


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion:264 Resp: 33838

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	38.1	26.9	40.3



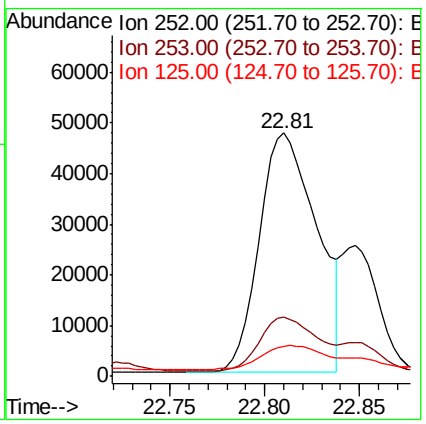


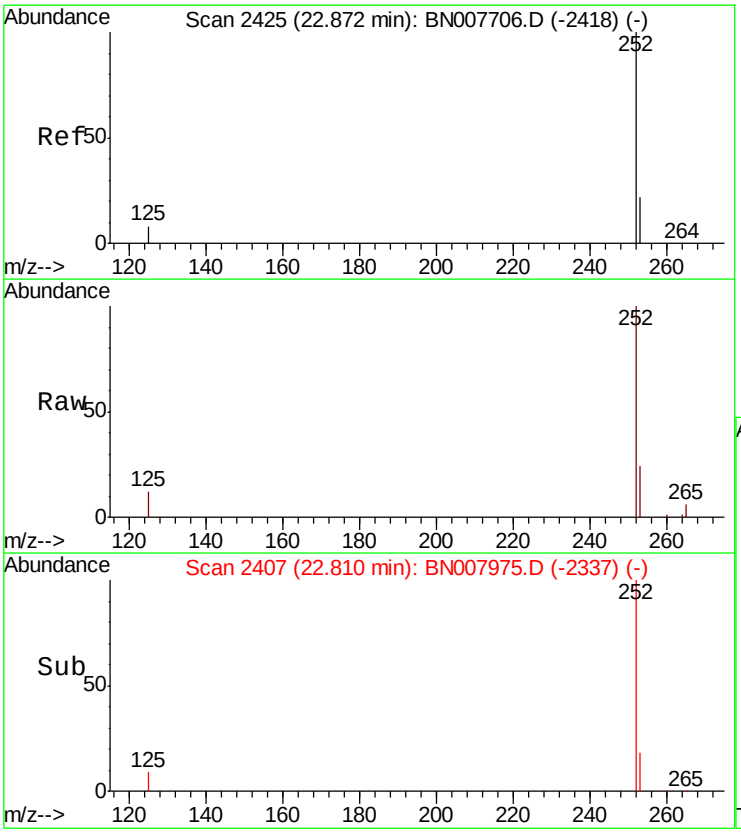
#35
Benzo(b)fluoranthene
Concen: 0.852 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 100120

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.3	27.5
125	12.3	8.2	12.4

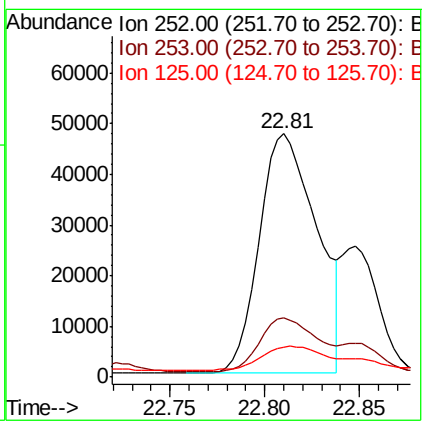


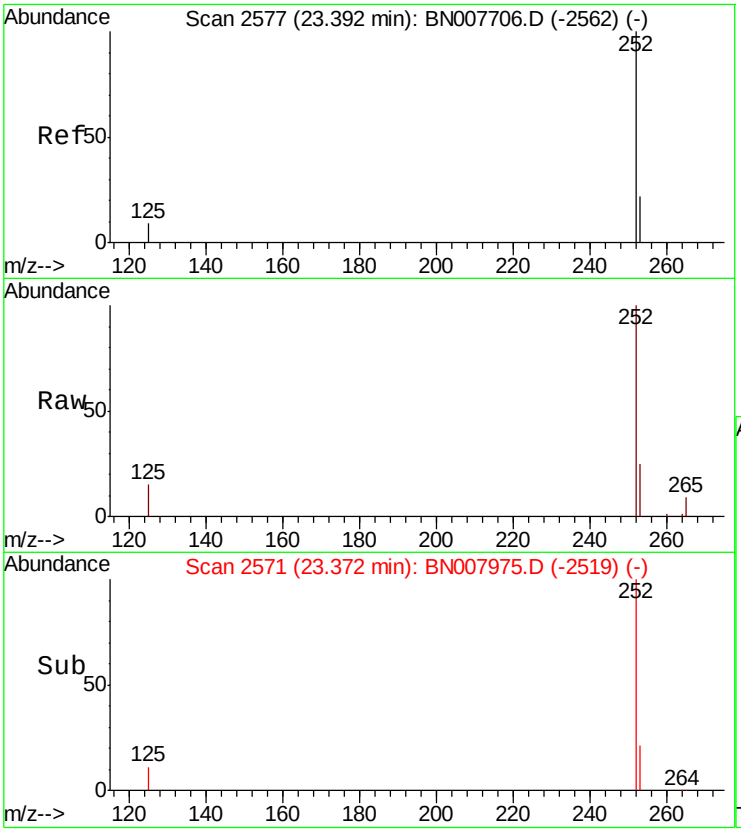


#36
Benzo(k)fluoranthene
Concen: 0.862 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.06 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion:252 Resp: 100120

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	12.3	8.4	12.6



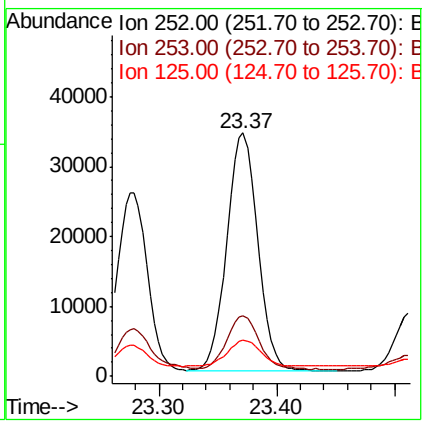


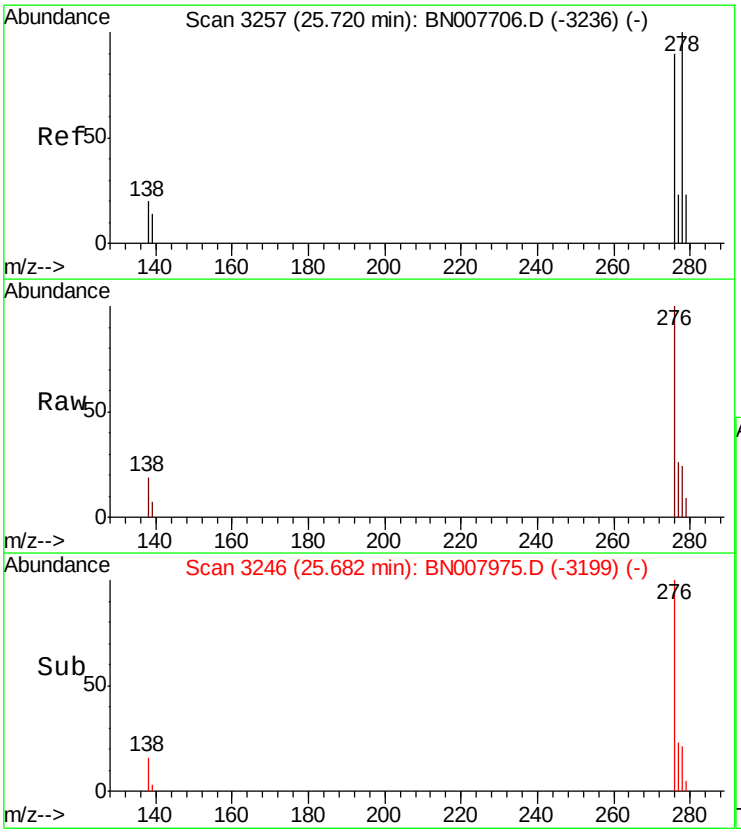
#37
Benzo(a)pyrene
Concen: 0.561 ng
RT: 23.37 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 61877

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.6	27.8
125	14.8	9.4	14.0#

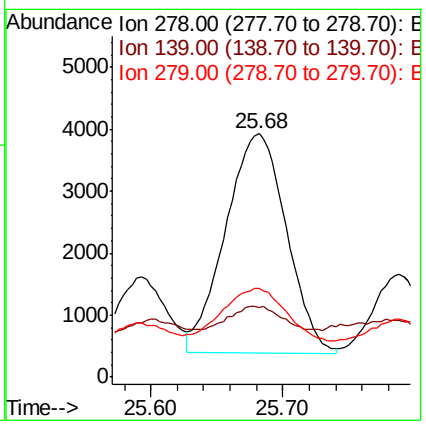


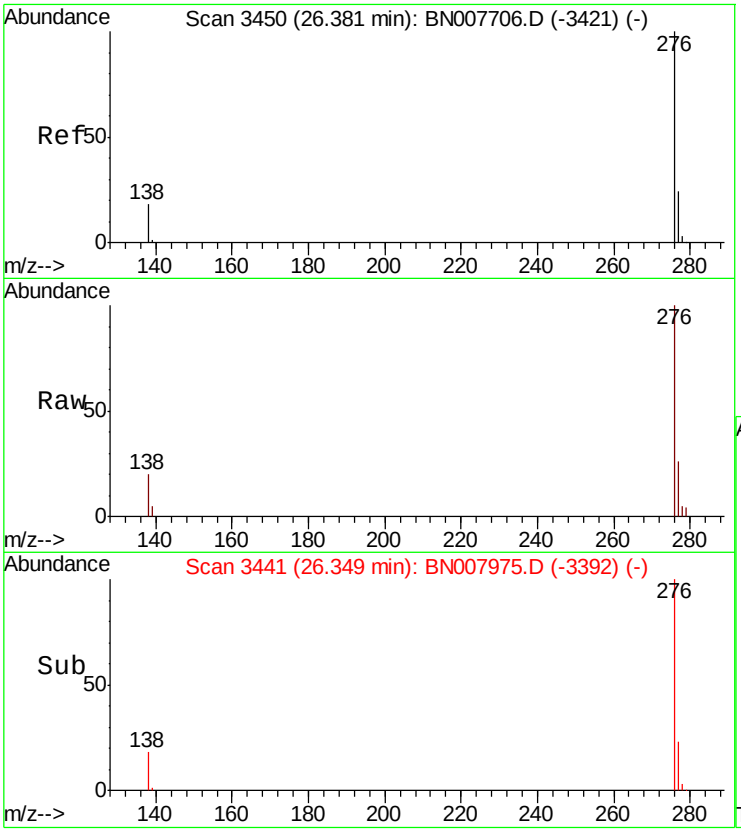


#38
Dibenzo(a,h)anthracene
Concen: 0.100 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.04 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Tgt Ion:278 Resp: 11304

Ion	Ratio	Lower	Upper
278	100		
139	28.4	11.8	17.6#
279	36.6	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 0.408 ng
RT: 26.35 min Scan# 3441
Delta R.T. -0.03 min
Lab File: BN007975.D
Acq: 02 Oct 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 45584

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.8	29.8
138	20.2	15.1	22.7