Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007978.D
Acq On : 02 Oct 2019 22:41
Operator : JU
Sample : K5077-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 03 06:48:42 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	5261	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	21906	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	13872	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	29718	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	32683	0.40	ng		-0.02
34) Perylene-d12	23.47	264	35481	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	5445	0.30	ng		0.00
5) Phenol-d6	6.87	99	7797	0.34	ng		0.00
8) Nitrobenzene-d5	8.82	82	5678	0.30	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	12046	0.33	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	1531	0.20	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	16339	0.29	ng		-0.01
25) Fluoranthene-d10	19.09	212	32748	0.33	ng		-0.01
29) Terphenyl-d14	19.70	244	26707	0.33	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	2.99	42	7257	2.702	ng	#	81
16) Acenaphthylene	14.02	152	2068	0.028	ng		99
23) Phenanthrene	17.10	178	7450	0.080	ng		99
24) Anthracene	17.19	178	1797	0.021	ng	#	93
26) Fluoranthene	19.12	202	16232	0.141	ng		100
28) Pyrene	19.49	202	14537	0.130	ng	#	95
30) Benzo(a)anthracene	21.24	228	9702	0.081	ng	#	89
31) Chrysene	21.29	228	8976	0.077	ng	#	91
32) Bis(2-ethylhexyl)phthalate	21.19	149	3010	0.049	ng		95
33) Indeno(1,2,3-cd)pyrene	25.67	276	4767	0.032	ng		96
35) Benzo(b)fluoranthene	22.81	252	10836	0.088	ng	#	59
36) Benzo(k)fluoranthene	22.81	252	10836	0.089	ng	#	60
37) Benzo(a)pyrene	23.37	252	7228	0.062	ng	#	48
39) Benzo(g,h,i)perylene	26.35	276	4423	0.038	ng	#	64

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

Quantitation Report (Not Reviewed)

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Acq On : 02 Oct 2019 22:41
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ALS Vial : 14 Sample Multiplier: 1

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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
QLast Update : Wed Sep 18 18:24:40 2019
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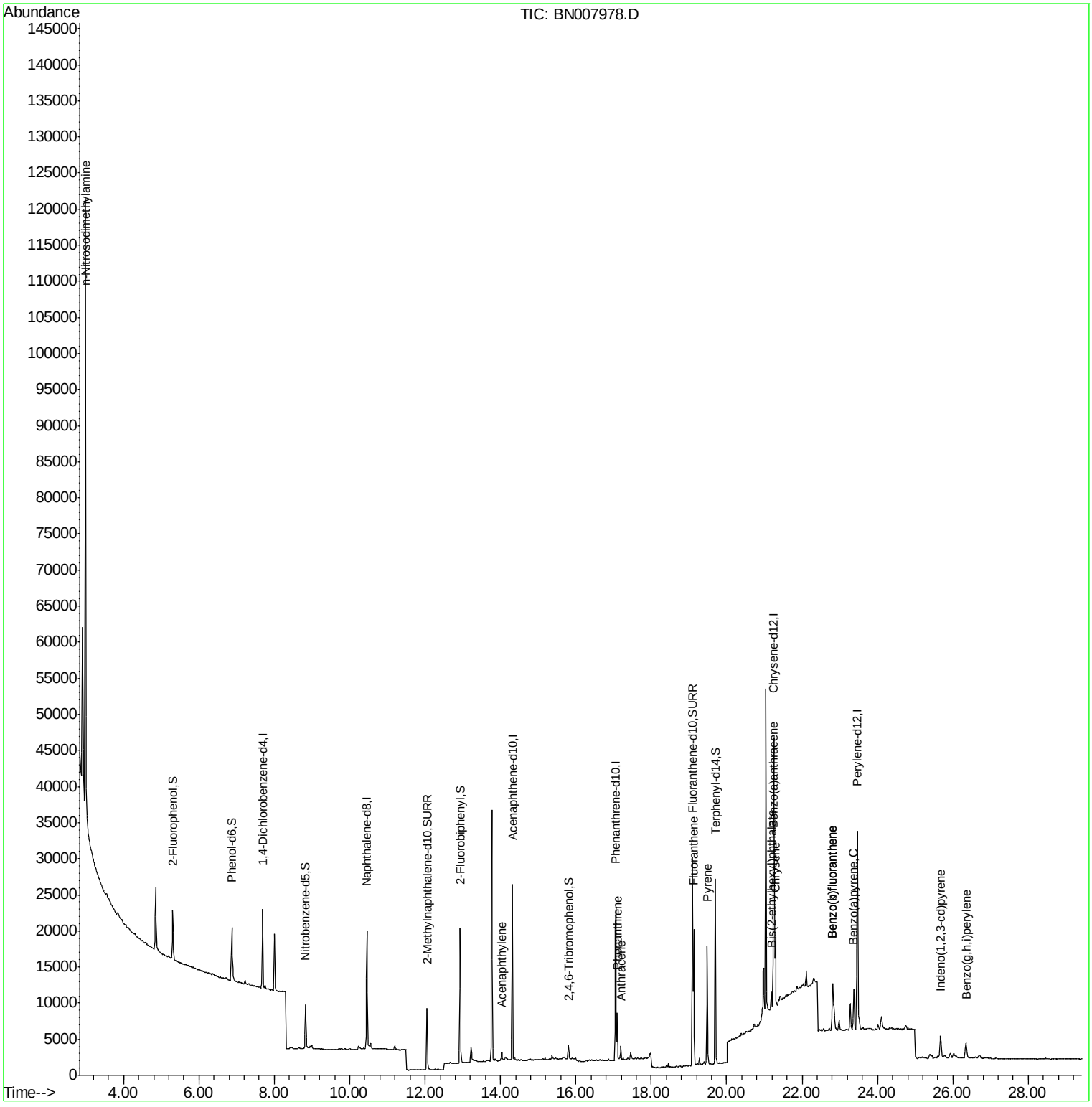
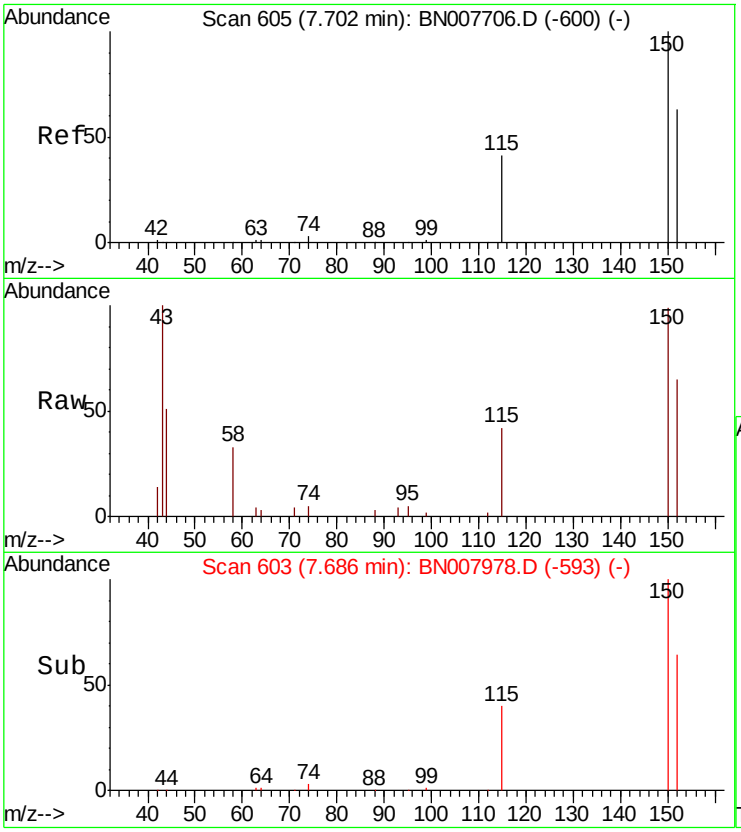


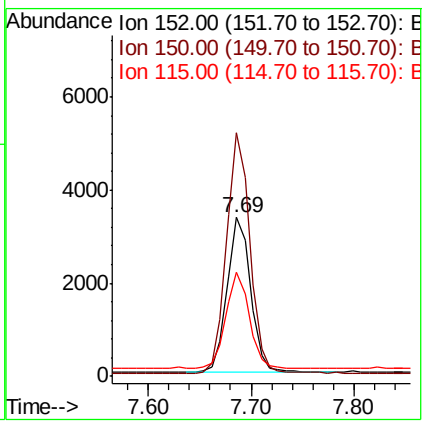


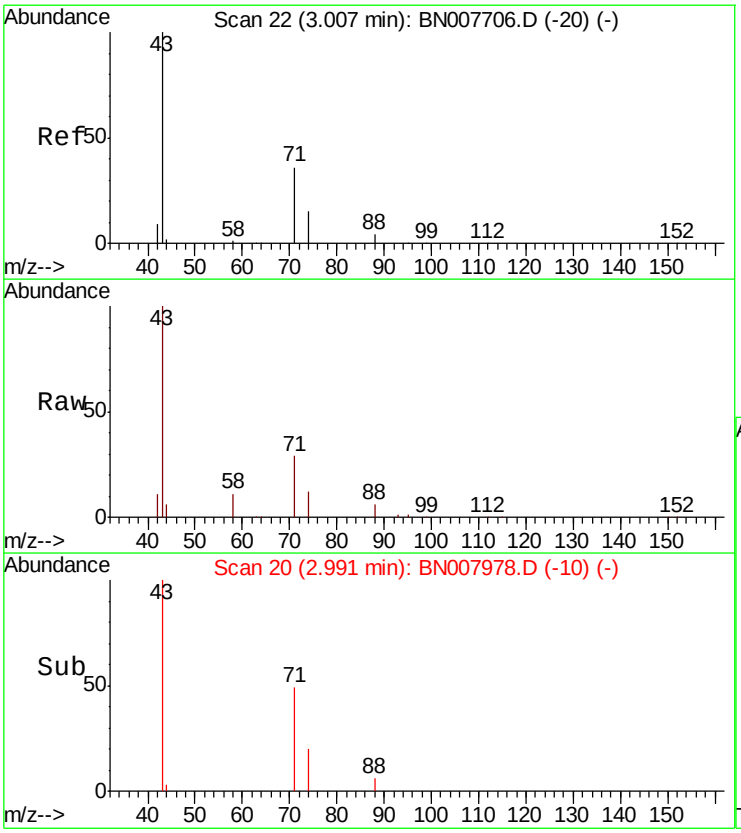
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5261

Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.6	188.4
115	65.6	53.3	79.9

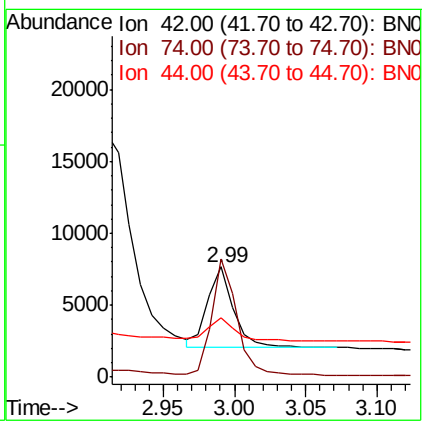


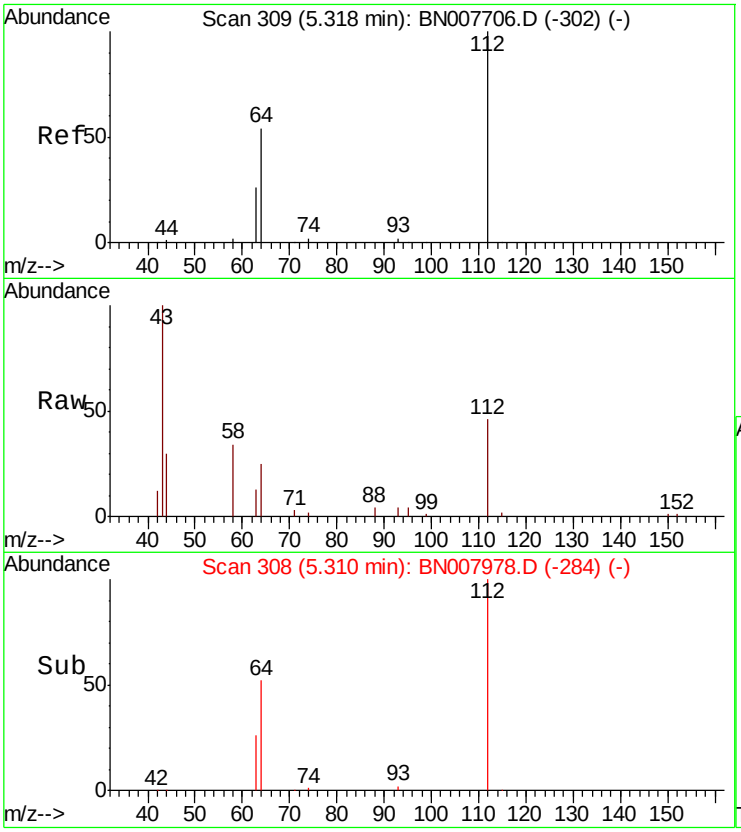


#3
n-Nitrosodimethylamine
Concen: 2.702 ng
RT: 2.99 min Scan# 20
Delta R.T. -0.02 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion: 42 Resp: 7257

Ion	Ratio	Lower	Upper
42	100		
74	132.9	87.9	131.9#
44	30.2	29.4	44.0



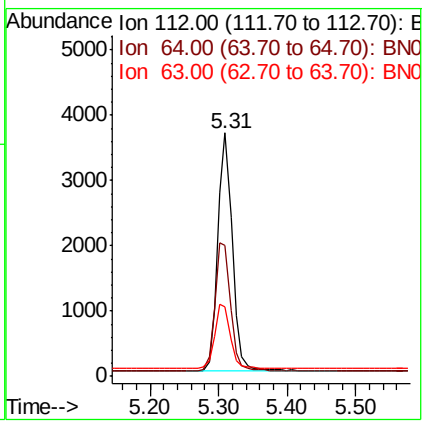


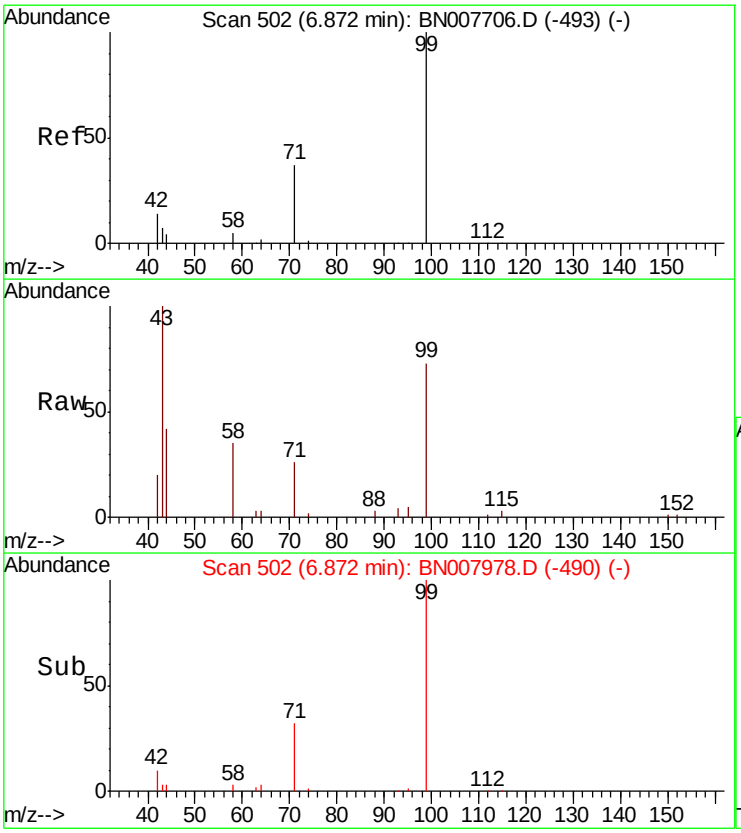
#4
2-Fluorophenol
Concen: 0.301 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 5445

Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.6	70.0
63	29.3	23.1	34.7

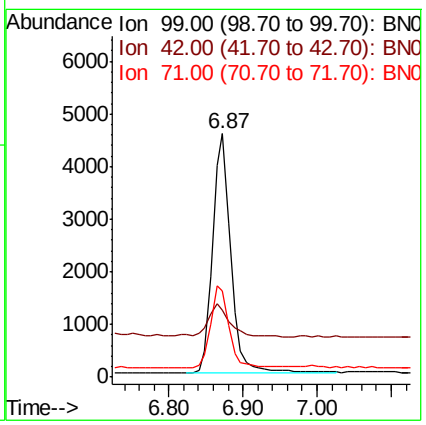


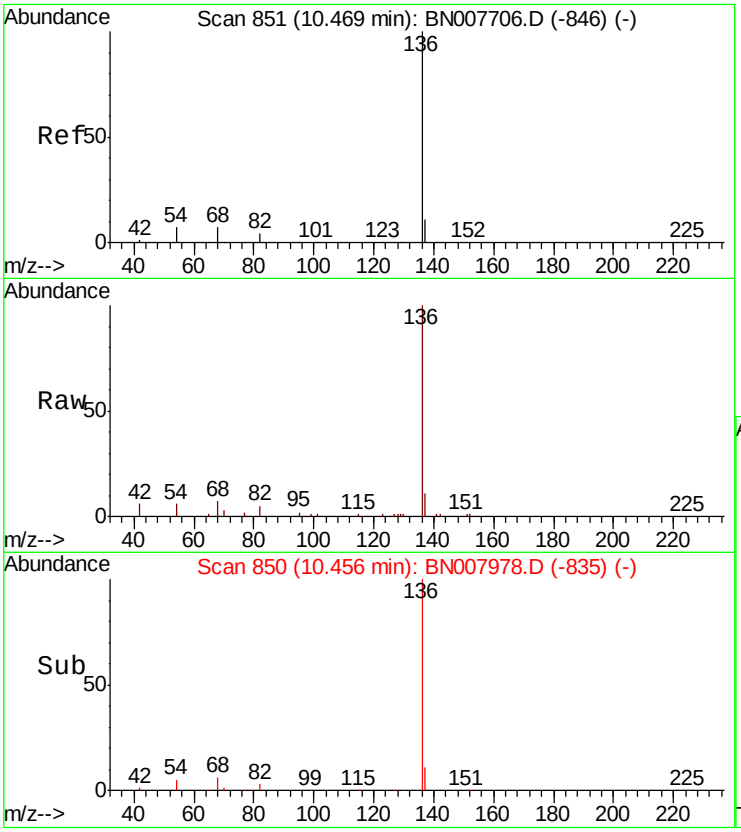


#5
Phenol-d6
Concen: 0.345 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion: 99 Resp: 7797

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.8	19.2
71	34.1	27.6	41.4



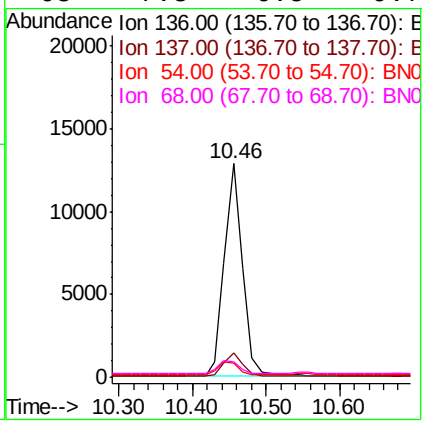


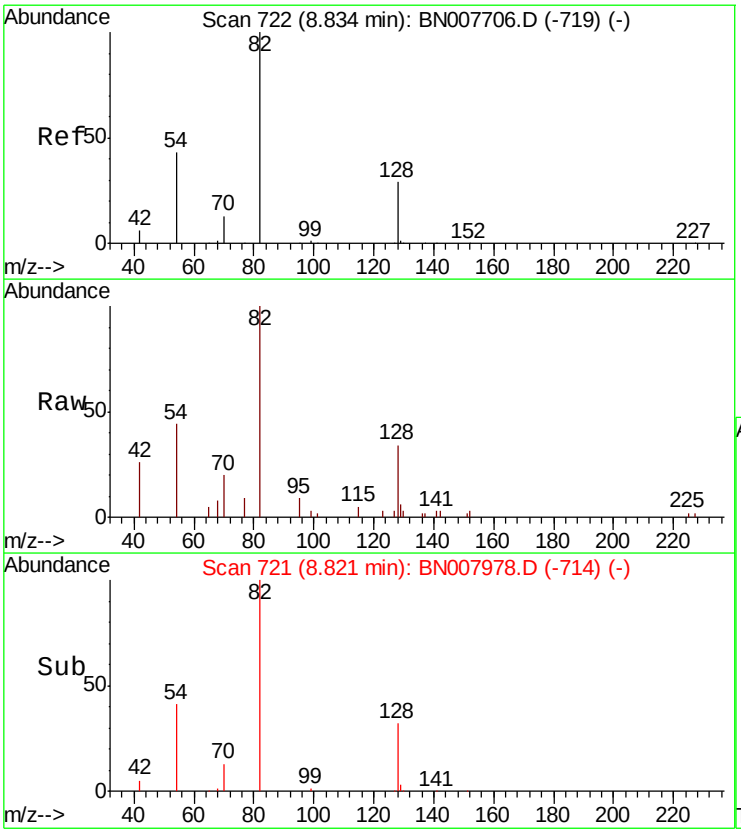
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 21906

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.4	5.8	8.8
68	7.3	6.5	9.7

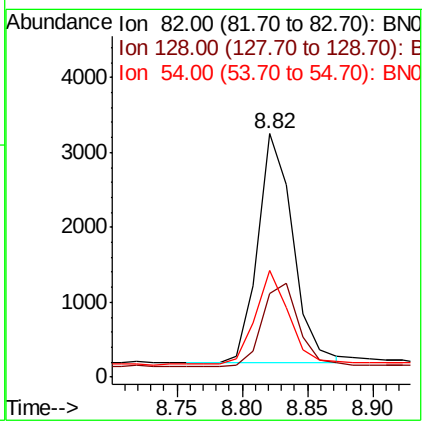


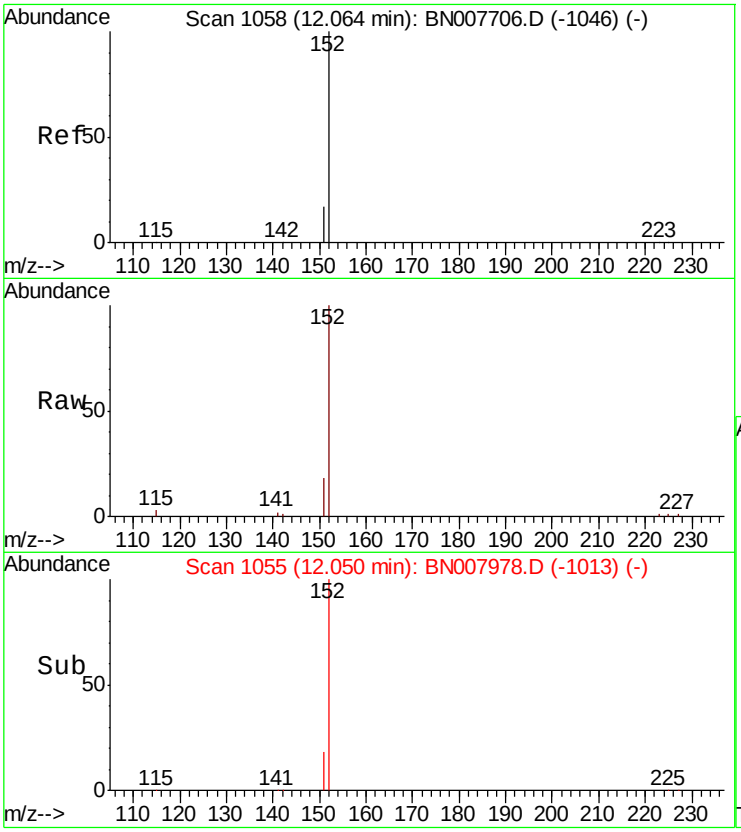


#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion: 82 Resp: 5678

Ion	Ratio	Lower	Upper
82	100		
128	34.2	24.5	36.7
54	43.7	35.2	52.8



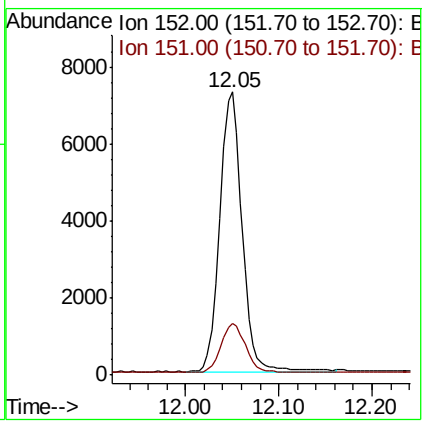


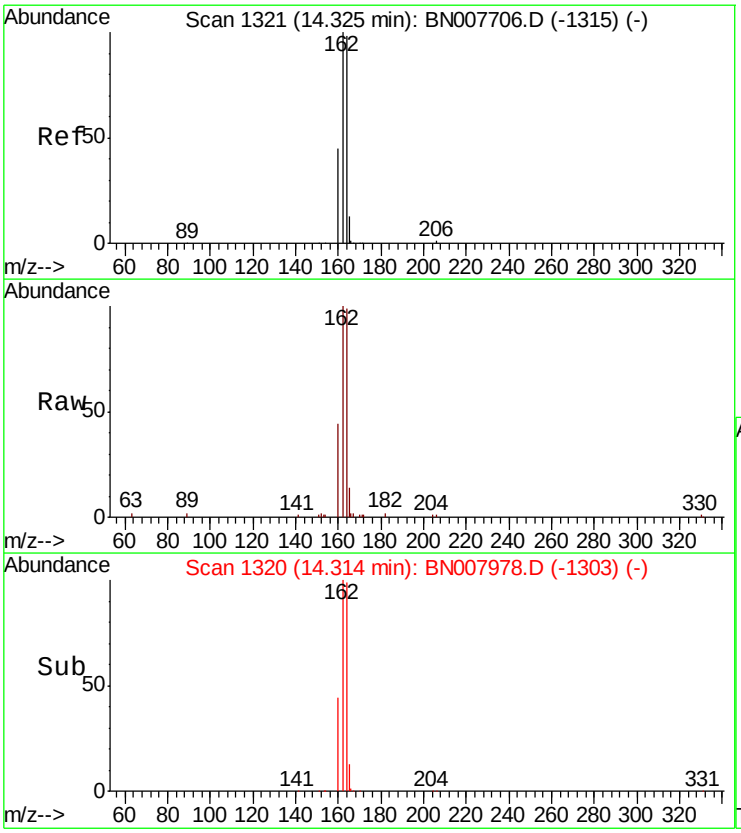
#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12046

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2

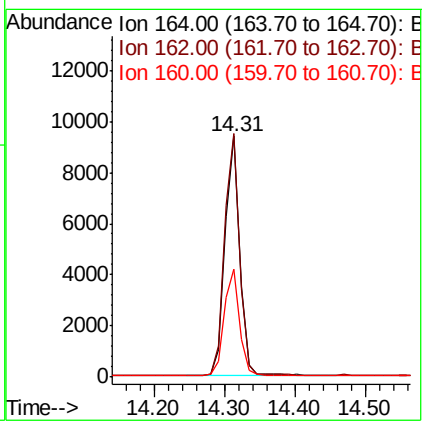


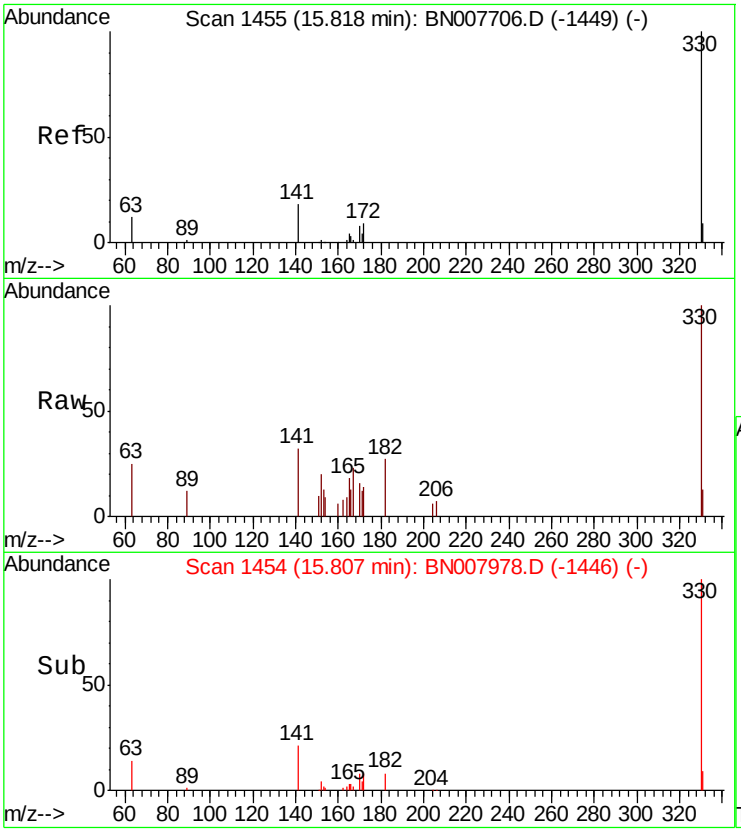


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion:164 Resp: 13872

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.7	122.5
160	44.8	37.0	55.4



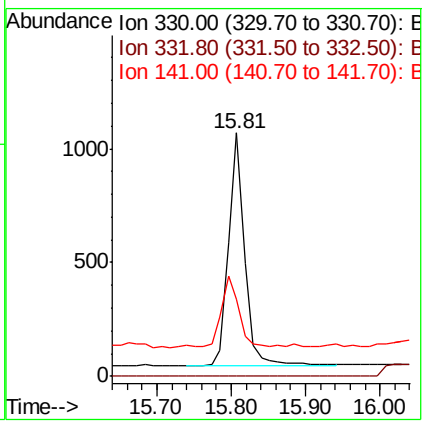


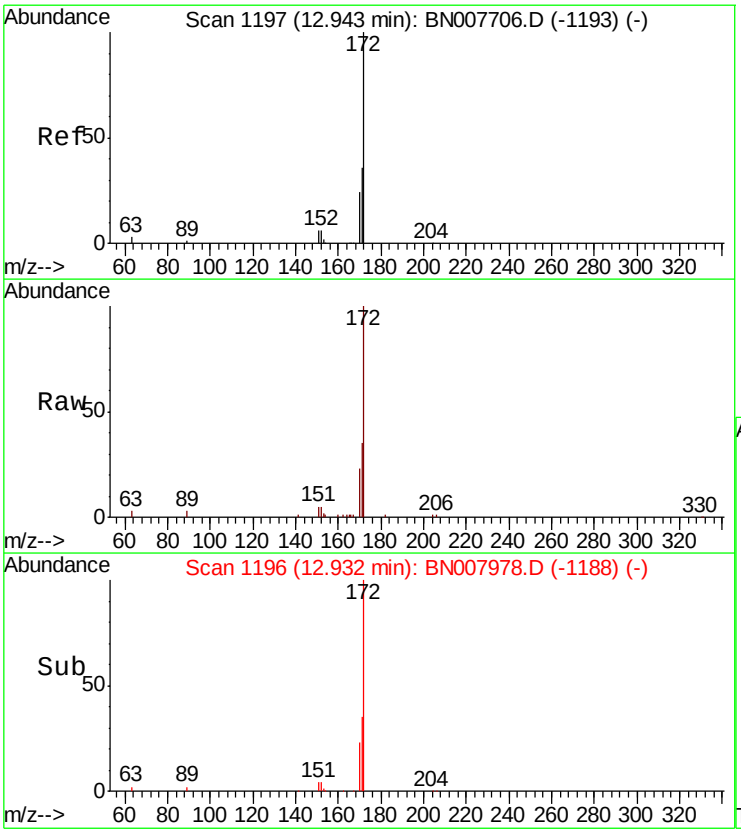
#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 1531

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.0	28.7	43.1

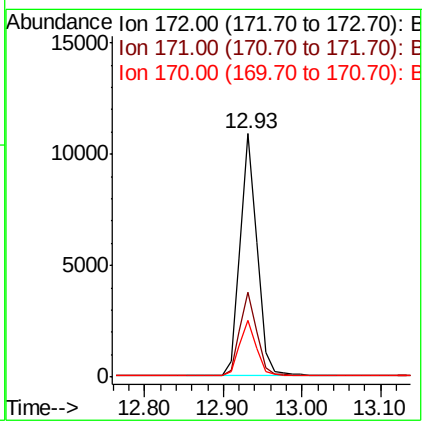


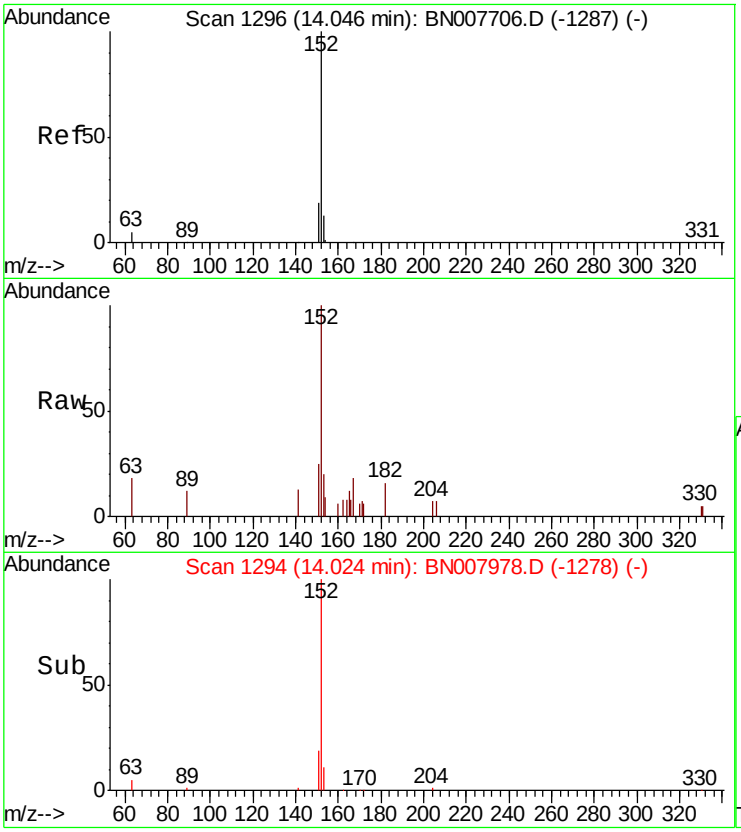


#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion:172 Resp: 16339

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	23.2	19.5	29.3



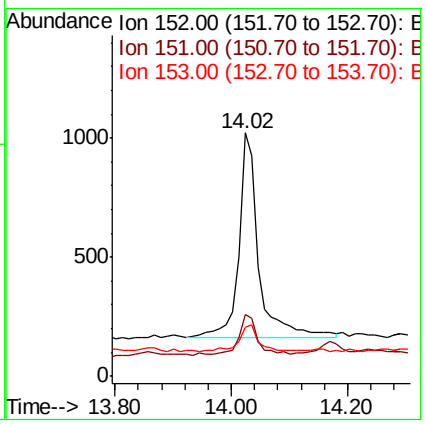


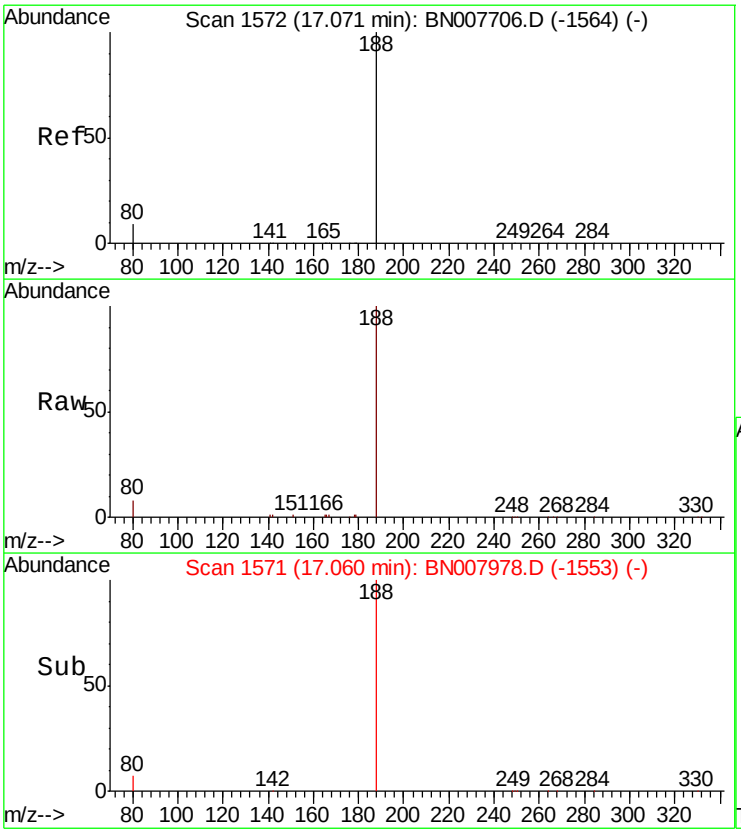
#16
Acenaphthylene
Concen: 0.028 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2068

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	12.4	10.4	15.6

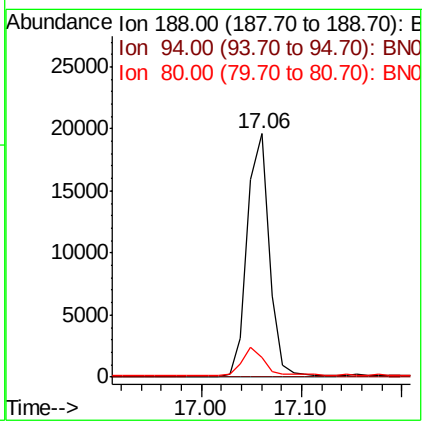


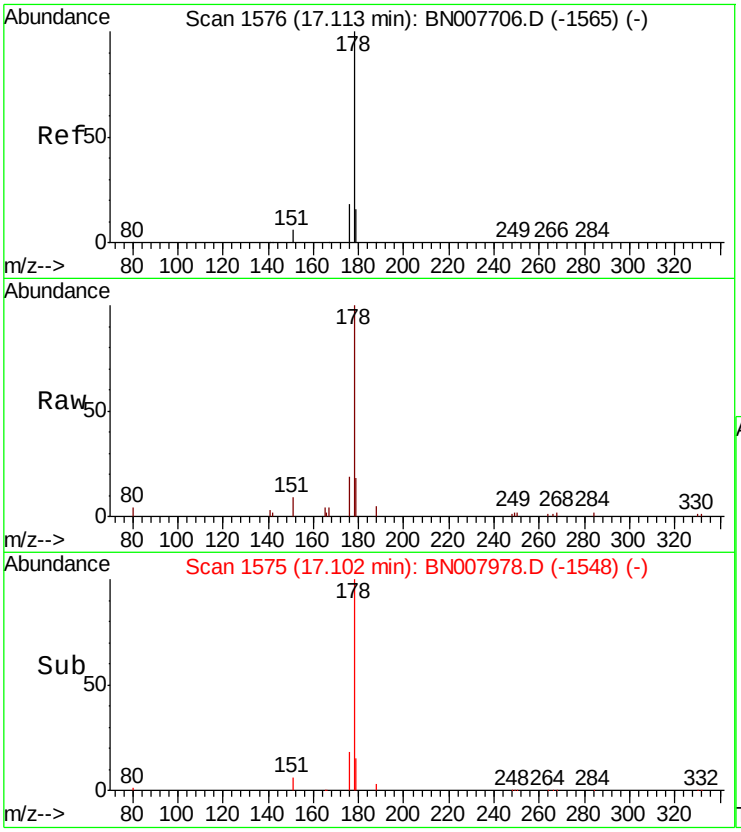


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion:188 Resp: 29718

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	7.4	11.2



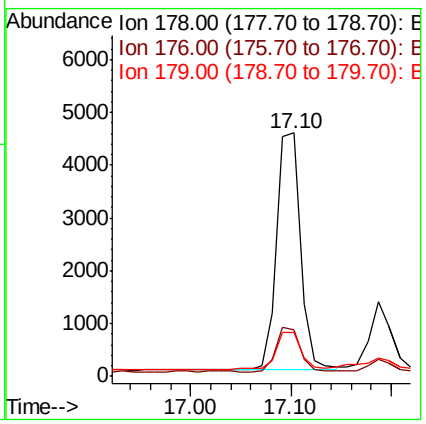


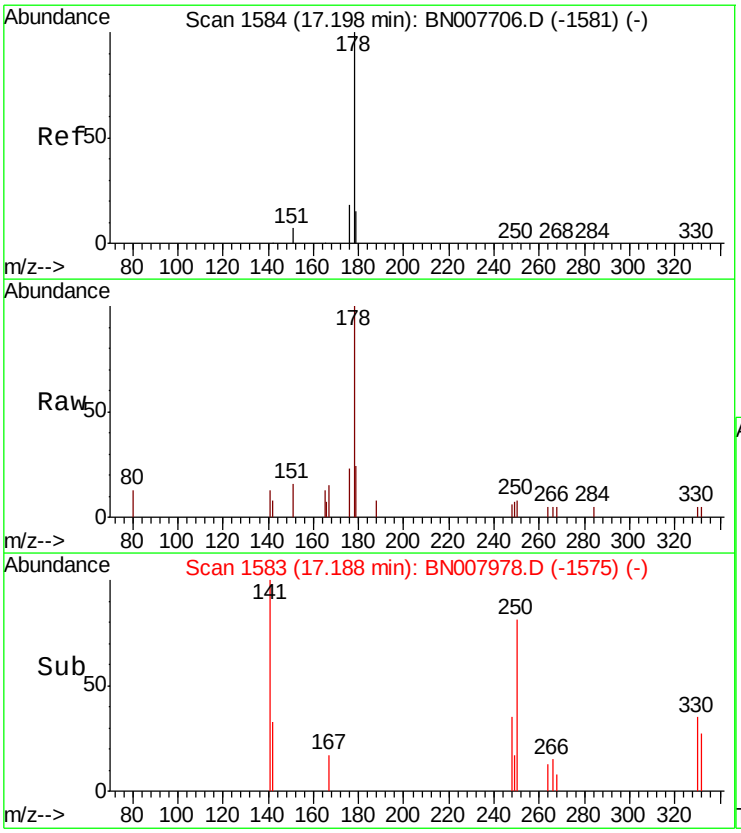
#23
Phenanthrene
Concen: 0.080 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 7450

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	16.2	12.5	18.7

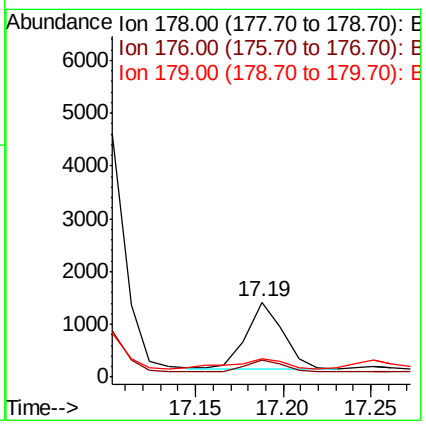


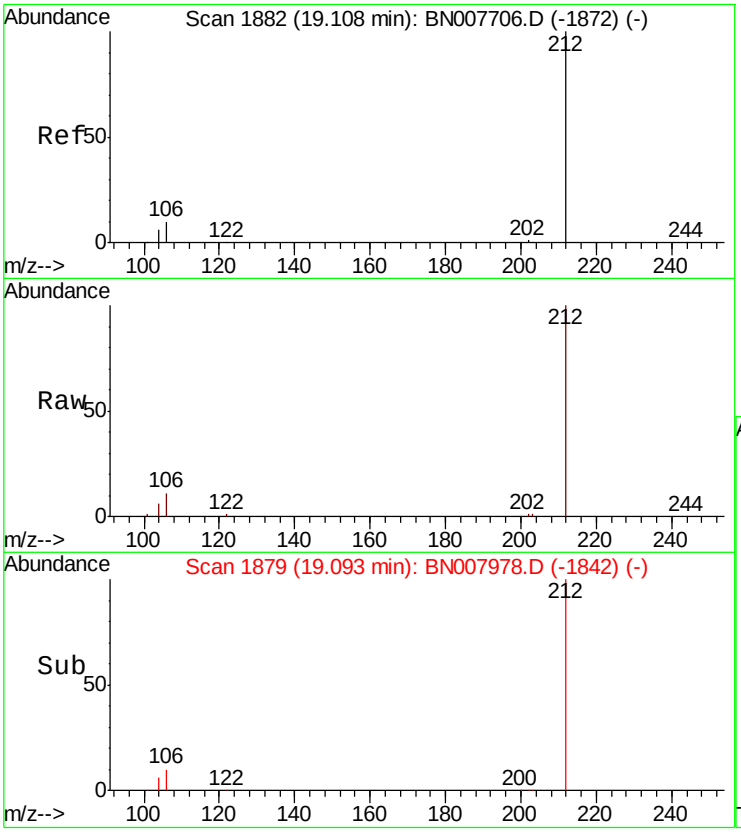


#24
Anthracene
Concen: 0.021 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion:178 Resp: 1797

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	21.3	12.2	18.4#



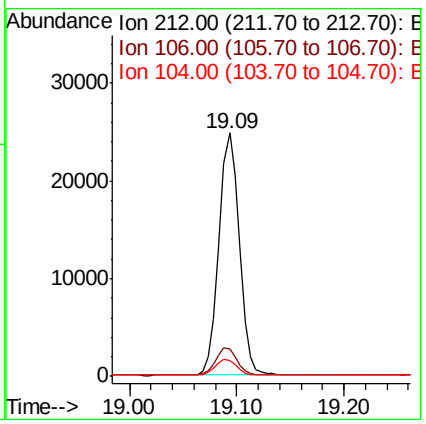


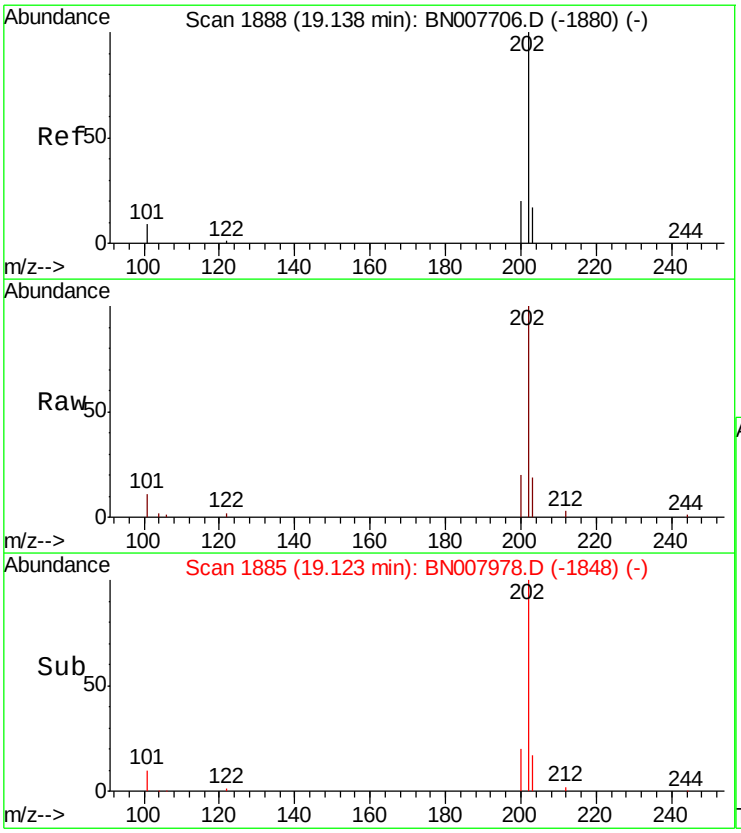
#25
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 32748

Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.4	14.0
104	6.7	5.3	7.9

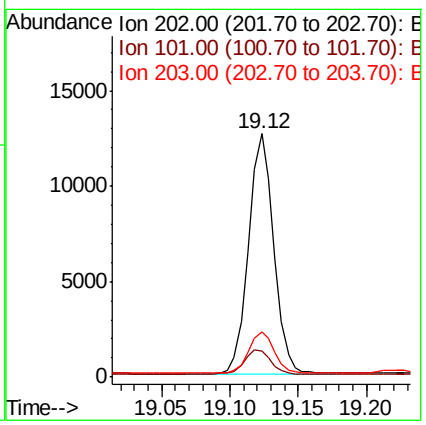


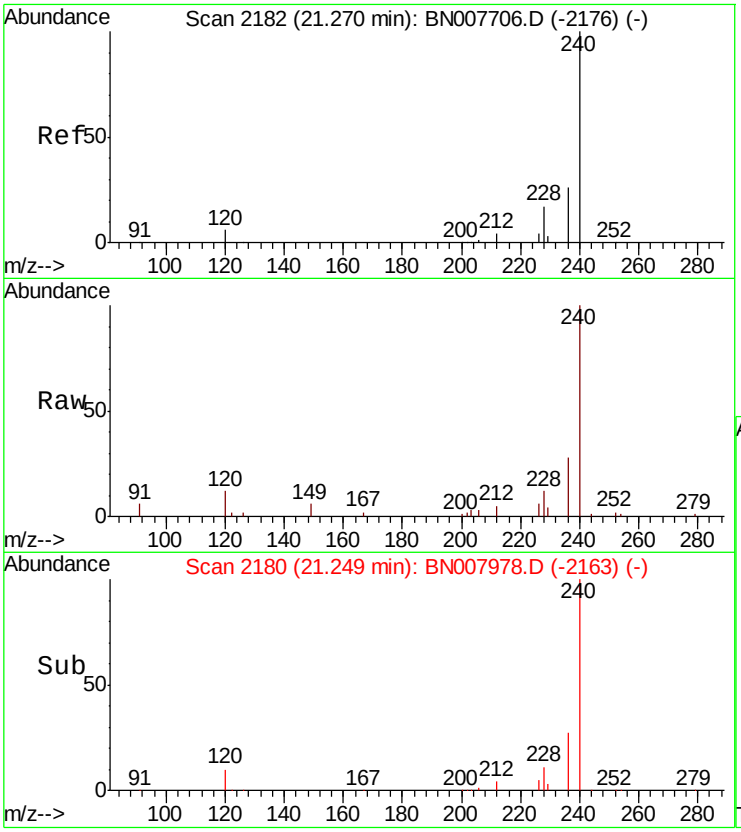


#26
Fluoranthene
Concen: 0.141 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion:202 Resp: 16232

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.4	12.6
203	17.5	13.8	20.8



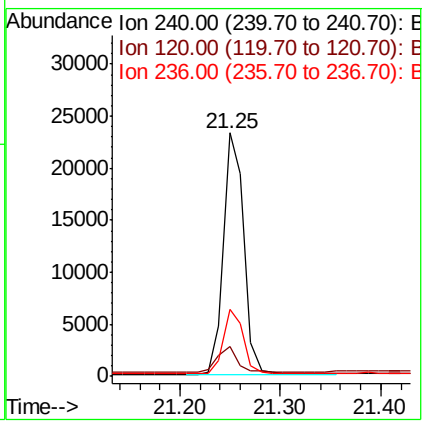


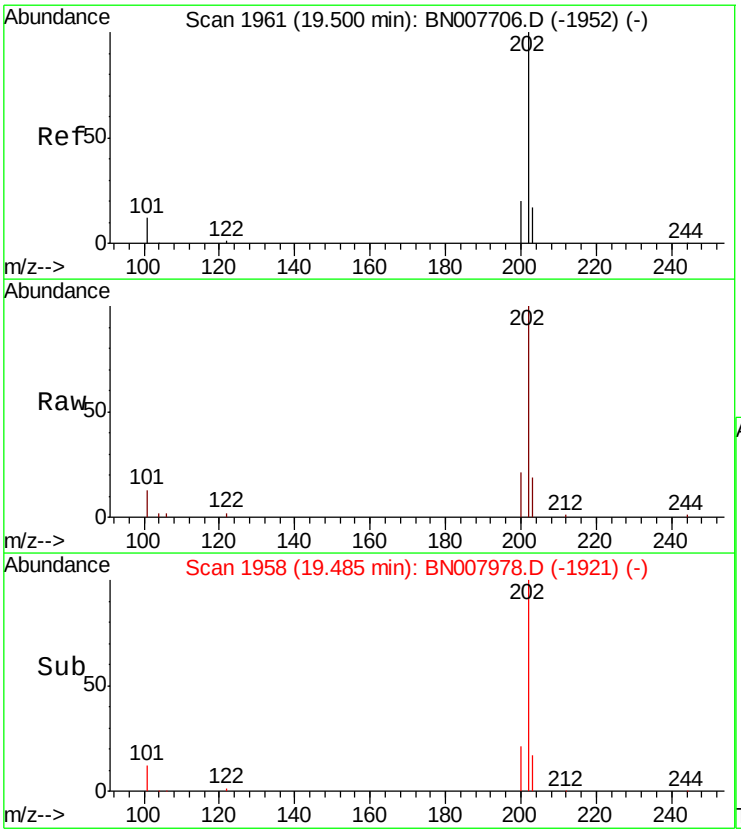
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 32683

Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.4	8.2#
236	27.5	21.0	31.4

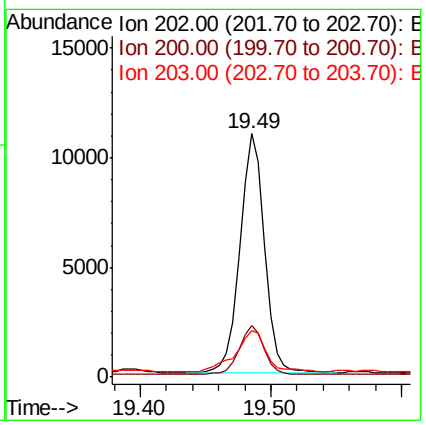


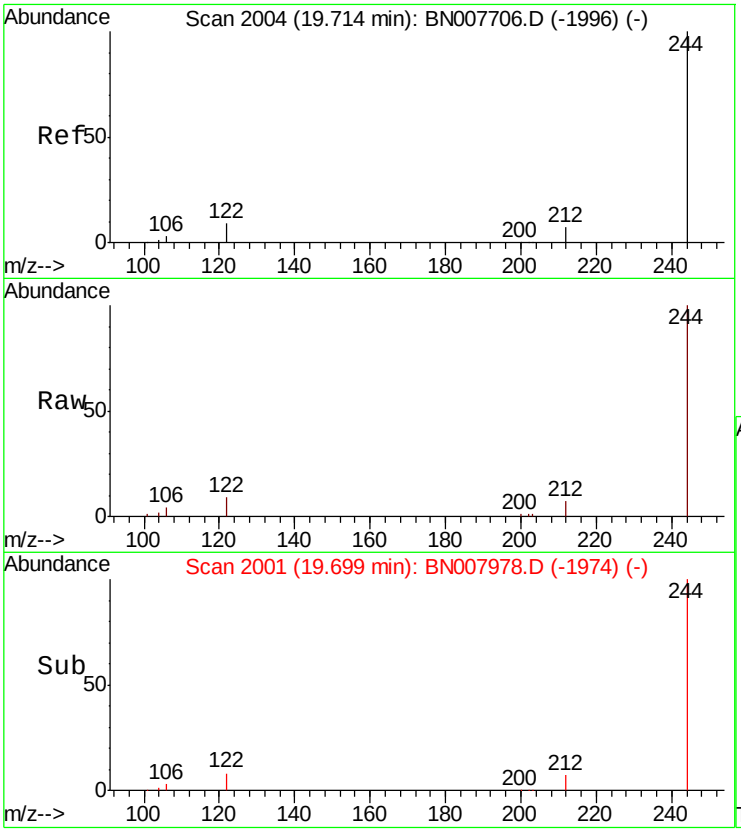


#28
Pyrene
Concen: 0.130 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion:202 Resp: 14537

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.4	24.6
203	21.7	14.1	21.1#



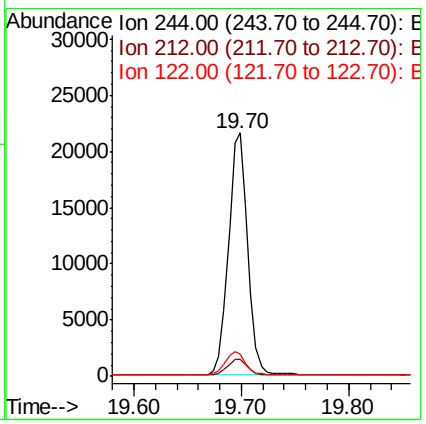


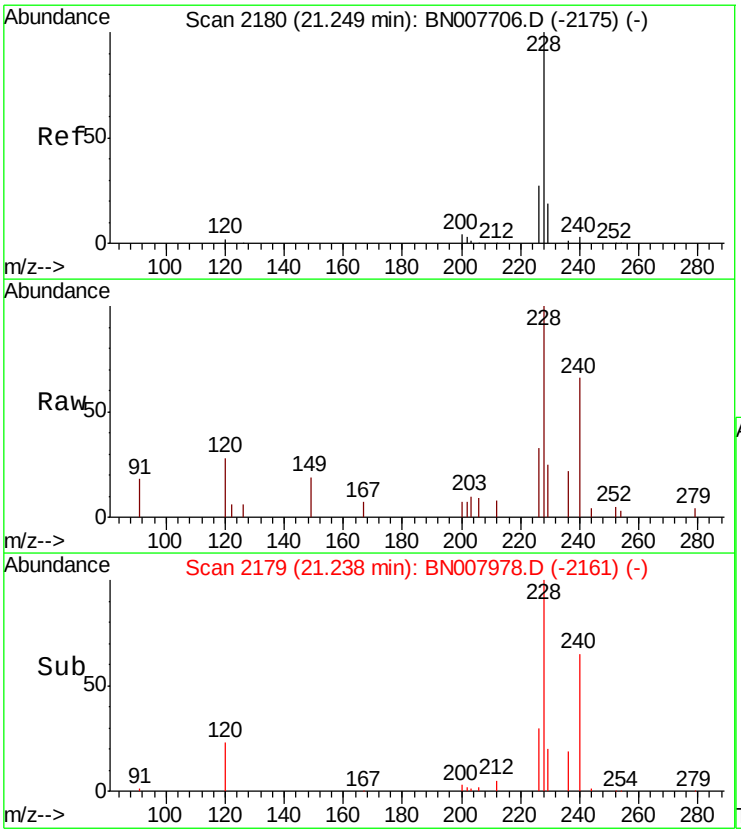
#29
Terphenyl-d14
Concen: 0.333 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 26707

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.0	7.4	11.2

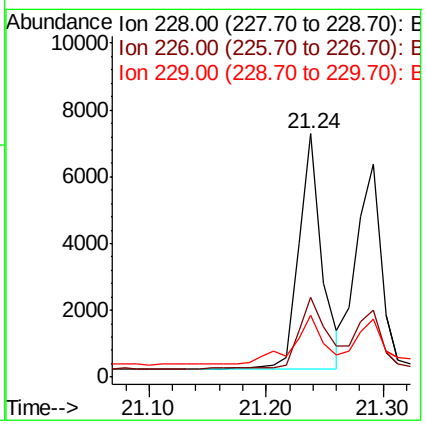


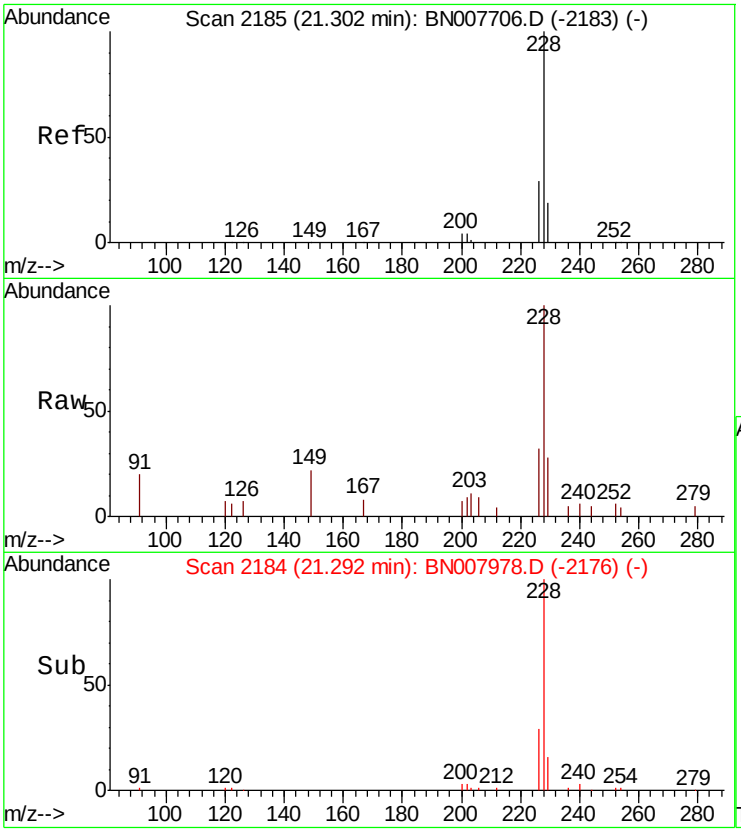


#30
Benzo(a)anthracene
Concen: 0.081 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion:228 Resp: 9702

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.1	33.1
229	25.2	15.8	23.6#



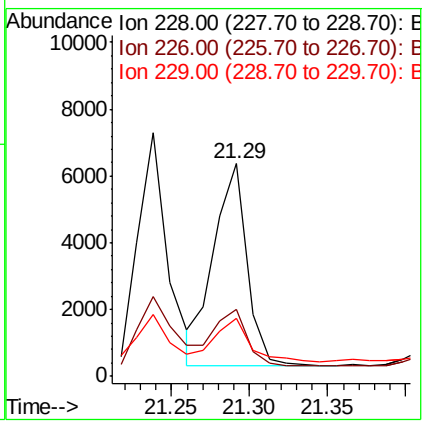


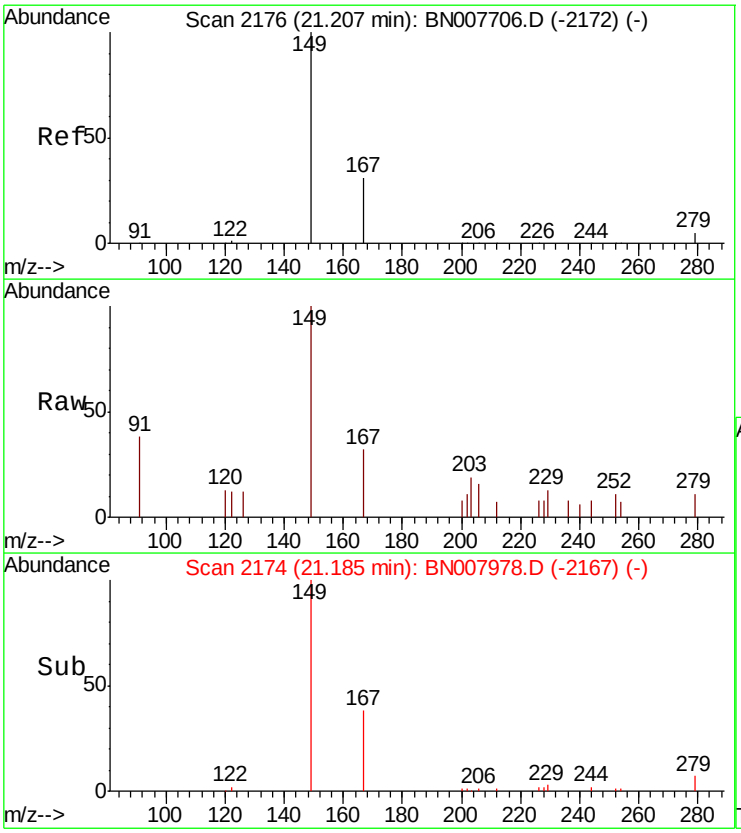
#31
Chrysene
Concen: 0.077 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8976

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.9	35.9
229	27.5	15.8	23.6#

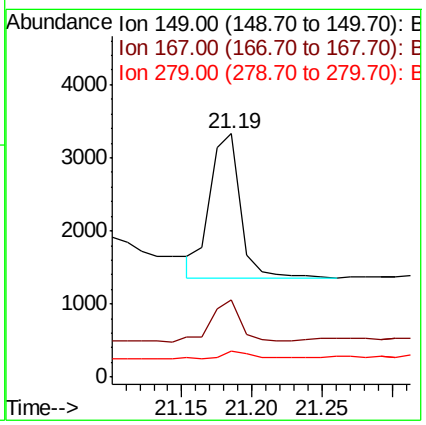


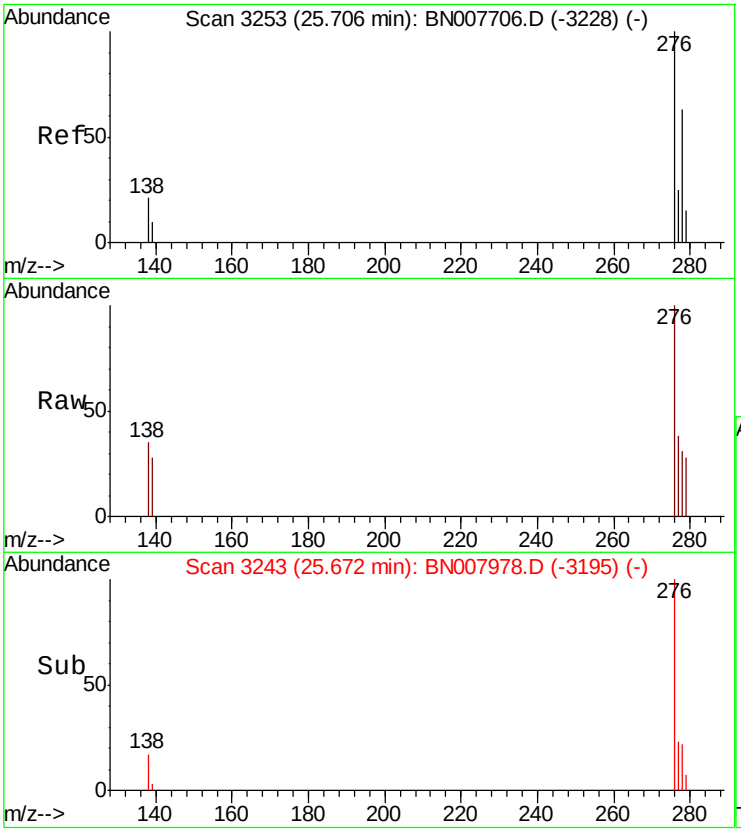


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.049 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion:149 Resp: 3010

Ion	Ratio	Lower	Upper
149	100		
167	26.6	23.7	35.5
279	5.8	4.2	6.2



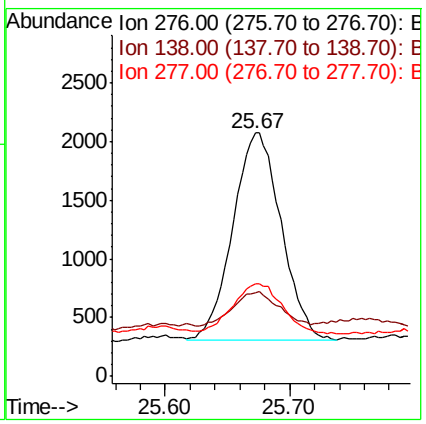


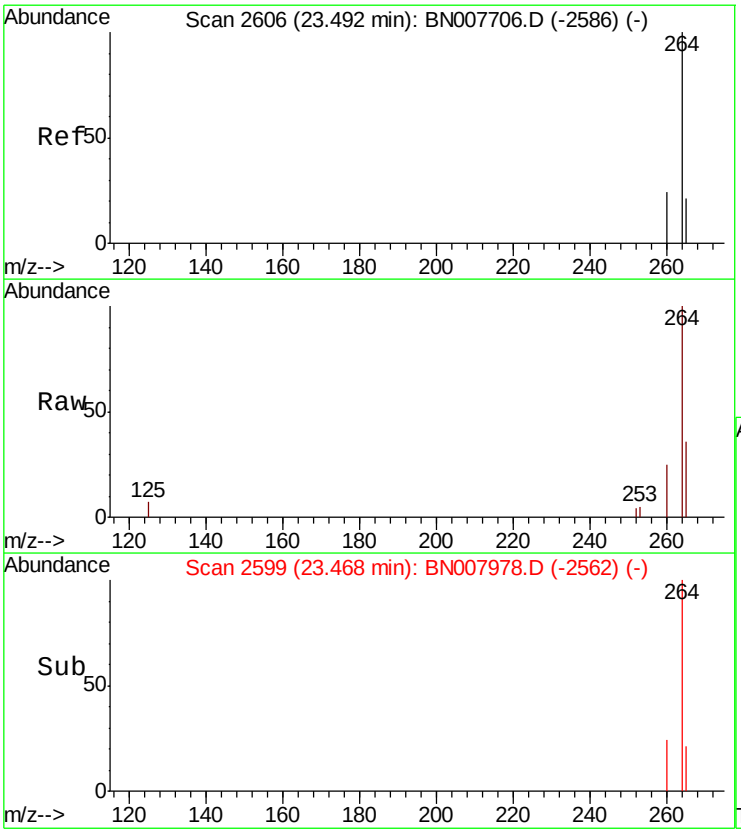
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng
RT: 25.67 min Scan# 3243
Delta R.T. -0.03 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4767

Ion	Ratio	Lower	Upper
276	100		
138	17.2	17.1	25.7
277	24.8	20.0	30.0

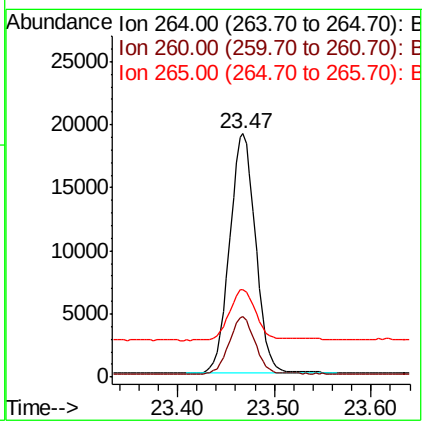


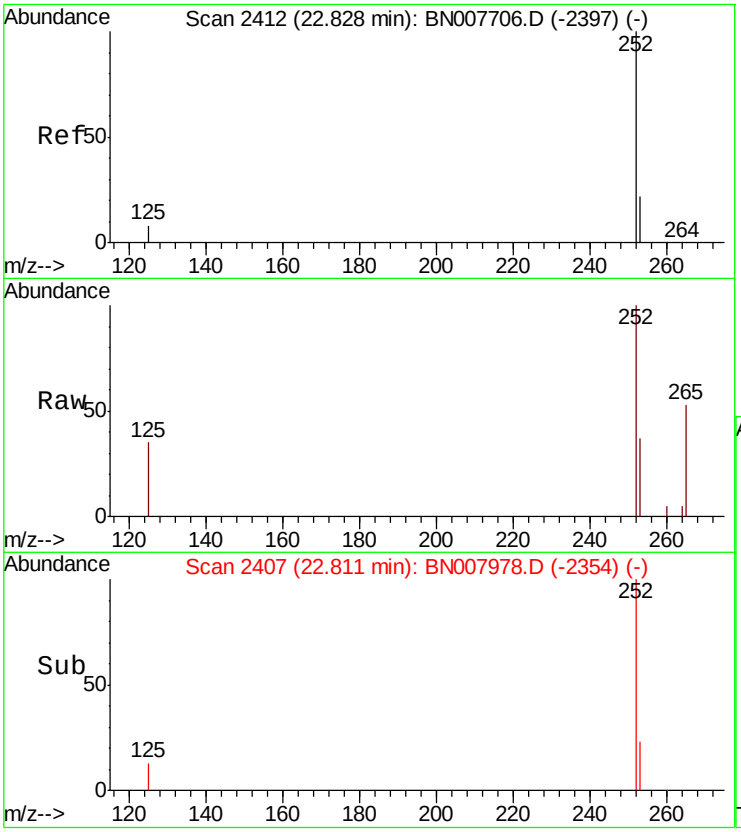


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion:264 Resp: 35481

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	35.9	26.9	40.3



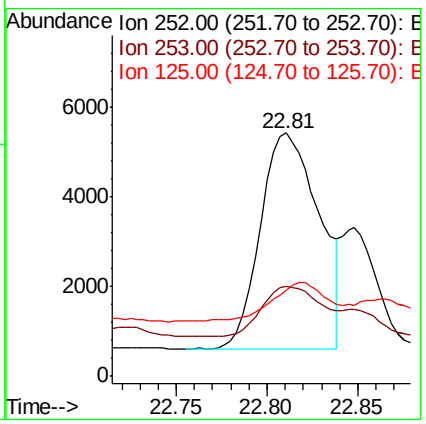


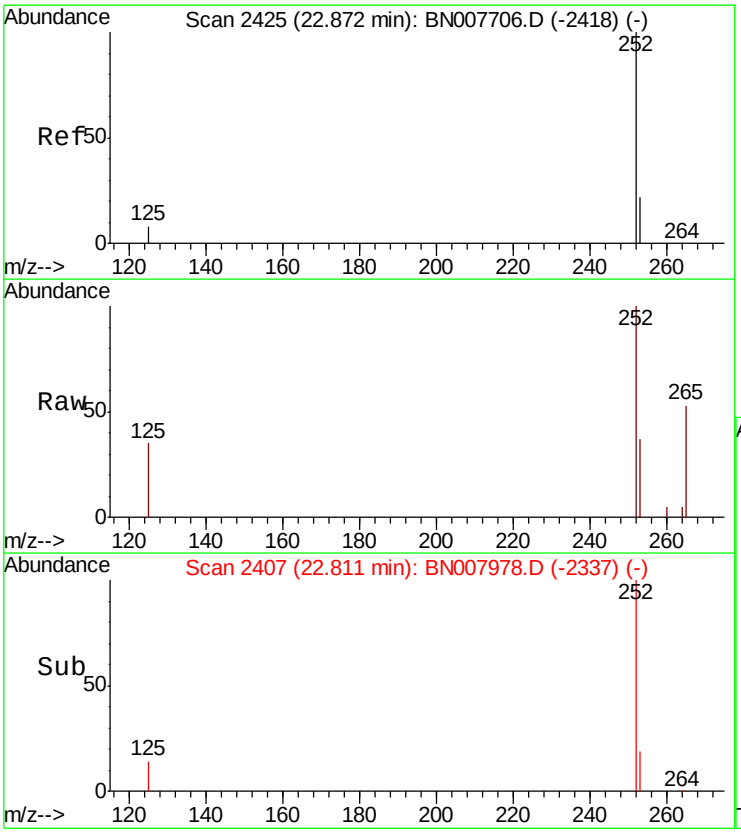
#35
Benzo(b)fluoranthene
Concen: 0.088 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10836

Ion	Ratio	Lower	Upper
252	100		
253	36.9	18.3	27.5#
125	35.2	8.2	12.4#

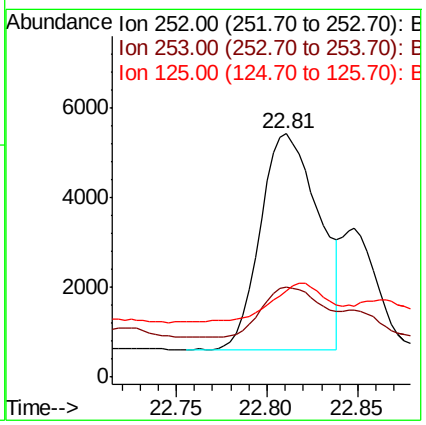


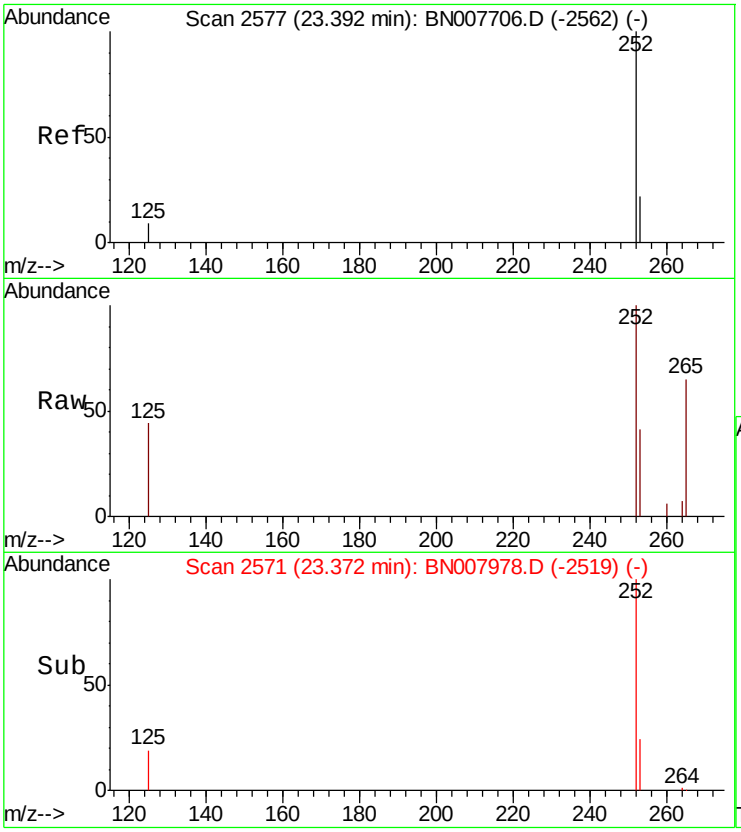


#36
Benzo(k)fluoranthene
Concen: 0.089 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.06 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion:252 Resp: 10836

Ion	Ratio	Lower	Upper
252	100		
253	36.9	18.5	27.7#
125	35.2	8.4	12.6#



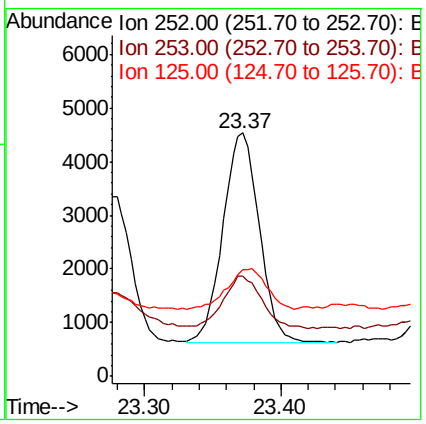


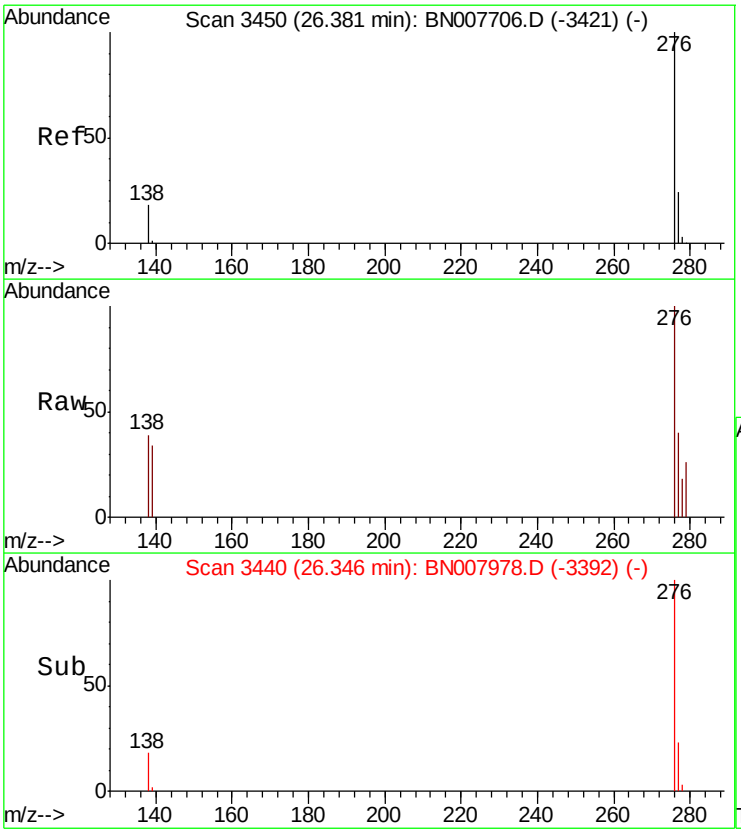
#37
Benzo(a)pyrene
Concen: 0.062 ng
RT: 23.37 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7228

Ion	Ratio	Lower	Upper
252	100		
253	41.2	18.6	27.8#
125	43.7	9.4	14.0#





#39
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 26.35 min Scan# 3440
Delta R.T. -0.03 min
Lab File: BN007978.D
Acq: 02 Oct 2019 22:41

Tgt Ion:276 Resp: 4423

Ion	Ratio	Lower	Upper
276	100		
277	39.7	19.8	29.8#
138	39.0	15.1	22.7#